

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089283.D
 Acq On : 25 Jul 2016 17:10
 Operator : UM/SJ
 Sample : H4129-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

Quant Time: Jul 26 01:51:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	55318	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	223498	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	97726	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	150721	20.00	ng	0.00
75) Chrysene-d12	13.69	240	103667	20.00	ng	0.00
86) Perylene-d12	15.03	264	93023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	434630	119.49	ng	0.01
7) Phenol-d6	6.24	99	593694	126.57	ng	0.01
23) Nitrobenzene-d5	7.14	82	350482	83.32	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	94084	106.93	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	605169	85.32	ng	0.00
78) Terphenyl-d14	12.65	244	403157	84.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	58096	36.79	ng	# 89
3) Pyridine	2.66	79	148217	36.94	ng	98
4) n-Nitrosodimethylamine	2.64	42	67330	39.87	ng	100
6) Aniline	6.23	93	156107	24.63	ng	94
8) 2-Chlorophenol	6.35	128	180121	44.63	ng	88
9) Benzaldehyde	6.10	77	37132	12.63	ng	91
10) Phenol	6.25	94	243632	45.08	ng	97
11) bis(2-Chloroethyl)ether	6.32	93	190322	46.90	ng	99
12) 1,3-Dichlorobenzene	6.50	146	176185	39.53	ng	96
13) 1,4-Dichlorobenzene	6.58	146	192941	42.98	ng	96
14) 1,2-Dichlorobenzene	6.73	146	166018	39.23	ng	94
15) Benzyl Alcohol	6.73	79	150385	43.78	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.86	45	188233	40.71	ng	90
17) 2-Methylphenol	6.86	107	134450	42.29	ng	99
18) Hexachloroethane	7.07	117	63053	37.37	ng	# 88
19) n-Nitroso-di-n-propylamine	7.00	70	135606	44.20	ng	99
20) 3+4-Methylphenols	7.00	107	181909	42.15	ng	# 84
22) Acetophenone	6.99	105	261136	43.75	ng	# 98
24) Nitrobenzene	7.16	77	173554	39.12	ng	97
25) Isophorone	7.40	82	345375	44.55	ng	99
26) 2-Nitrophenol	7.47	139	78344	37.86	ng	93
27) 2,4-Dimethylphenol	7.53	122	145704	41.79	ng	98
28) bis(2-Chloroethoxy)methane	7.62	93	224530	46.30	ng	99
29) 2,4-Dichlorophenol	7.72	162	141561	45.06	ng	98
30) 1,2,4-Trichlorobenzene	7.79	180	140233	40.32	ng	# 95
31) Naphthalene	7.87	128	517398	42.89	ng	100
32) Benzoic acid	7.64	122	14047	5.24	ng	# 83
33) 4-Chloroaniline	7.94	127	84819	16.72	ng	97
34) Hexachlorobutadiene	8.00	225	79778	41.22	ng	97
35) Caprolactam	8.31	113	41023	42.05	ng	95
36) 4-Chloro-3-methylphenol	8.43	107	148218	39.16	ng	98
37) 2-Methylnaphthalene	8.56	142	297660	38.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	129430	35.63	ng	99
40) Hexachlorocyclopentadiene	8.72	237	17443	21.28	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089283.D
 Acq On : 25 Jul 2016 17:10
 Operator : UM/SJ
 Sample : H4129-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

Quant Time: Jul 26 01:51:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

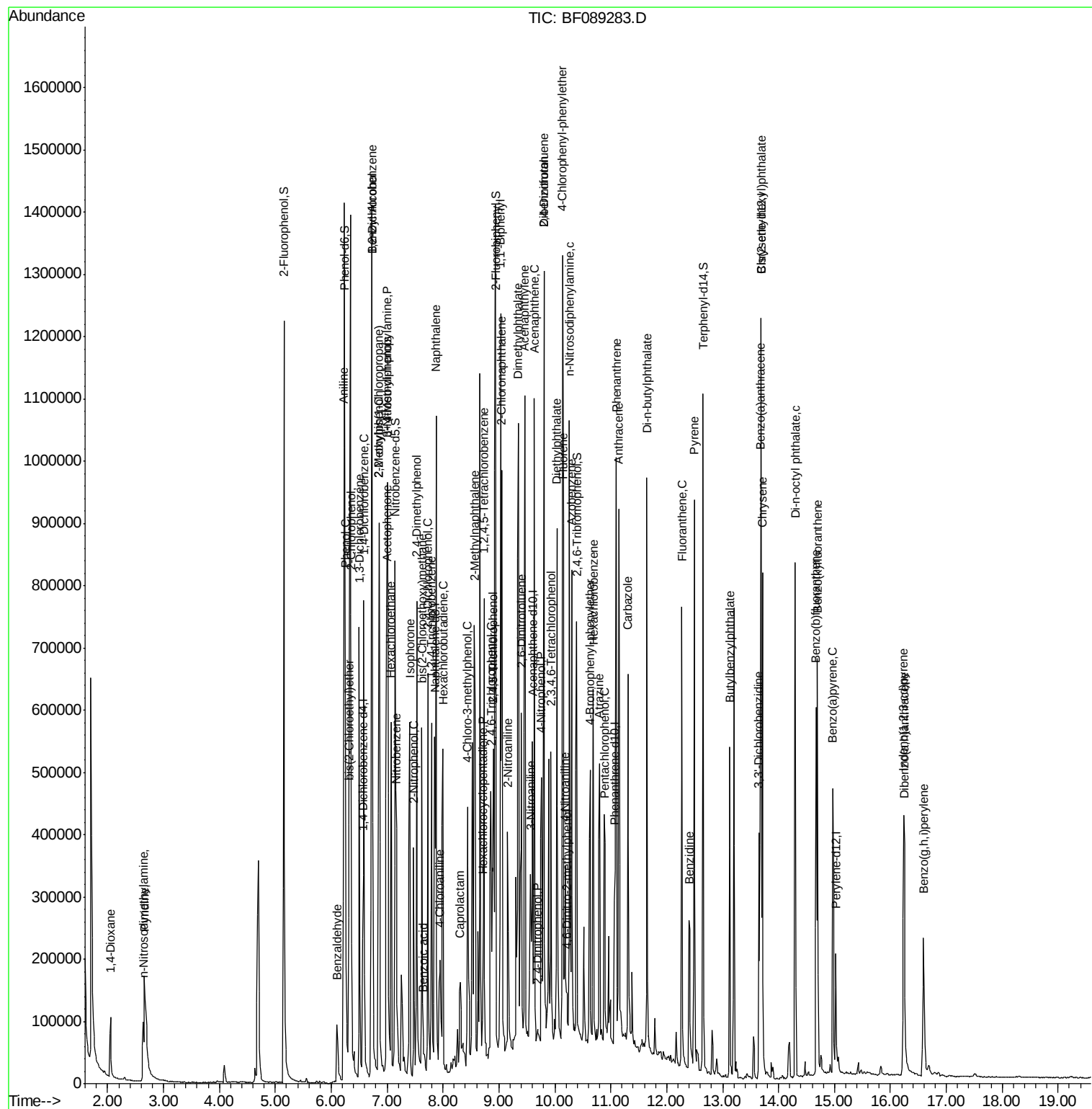
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	81467	40.07	nq	98
43) 2,4,5-Trichlorophenol	8.90	196	92491	45.32	nq	96
45) 1,1'-Biphenyl	9.03	154	357480	40.62	nq	99
46) 2-Chloronaphthalene	9.05	162	290764	43.48	nq	98
47) 2-Nitroaniline	9.15	65	93920	40.94	nq	98
48) Acenaphthylene	9.46	152	430086	40.90	nq	99
49) Dimethylphthalate	9.35	163	592818	79.05	nq	99
50) 2,6-Dinitrotoluene	9.40	165	72660	42.92	nq	94
51) Acenaphthene	9.63	154	263584	42.38	nq	99
52) 3-Nitroaniline	9.56	138	61517	30.60	nq	# 70
53) 2,4-Dinitrophenol	9.69	184	3941	12.61	nq	# 48
54) Dibenzofuran	9.80	168	375885	44.73	nq	96
55) 4-Nitrophenol	9.76	139	69795	57.37	nq	93
56) 2,4-Dinitrotoluene	9.80	165	86135	39.50	nq	95
57) Fluorene	10.15	166	283448	39.73	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	63287	43.18	nq	96
59) Diethylphthalate	10.03	149	313463	42.16	nq	100
60) 4-Chlorophenyl-phenylether	10.14	204	124319	38.17	nq	# 69
61) 4-Nitroaniline	10.18	138	70490	36.03	nq	97
62) Azobenzene	10.30	77	349737	43.28	nq	97
64) 4,6-Dinitro-2-methylphenol	10.22	198	9656	11.00	nq	80
65) n-Nitrosodiphenylamine	10.26	169	251551	49.94	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	74899	50.22	nq	# 86
67) Hexachlorobenzene	10.68	284	65505	40.83	nq	# 65
68) Atrazine	10.80	200	77619	49.27	nq	95
69) Pentachlorophenol	10.89	266	58842	79.51	nq	99
70) Phenanthrene	11.10	178	407914	49.34	nq	99
71) Anthracene	11.14	178	388787	45.24	nq	99
72) Carbazole	11.30	167	331279	43.89	nq	99
73) Di-n-butylphthalate	11.64	149	439448	47.07	nq	100
74) Fluoranthene	12.27	202	399317	45.95	nq	94
76) Benzidine	12.41	184	161220	45.24	nq	97
77) Pyrene	12.49	202	345037	40.30	nq	99
79) Butylbenzylphthalate	13.13	149	168898	46.64	nq	# 80
80) Benzo(a)anthracene	13.68	228	287686	43.57	nq	100
81) 3,3'-Dichlorobenzidine	13.65	252	89057	40.66	nq	# 97
82) Chrysene	13.71	228	300399	47.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	230885	48.06	nq	# 97
84) Di-n-octyl phthalate	14.30	149	393557	49.65	nq	99
85) Indeno(1,2,3-cd)pyrene	16.24	276	218933	47.80	nq	99
87) Benzo(b)fluoranthene	14.67	252	269209m	39.96	nq	
88) Benzo(k)fluoranthene	14.70	252	243816m	50.61	nq	
89) Benzo(a)pyrene	14.97	252	245679	46.97	nq	99
90) Dibenzo(a,h)anthracene	16.25	278	179703	43.51	nq	98
91) Benzo(g,h,i)perylene	16.59	276	173469	41.66	nq	97

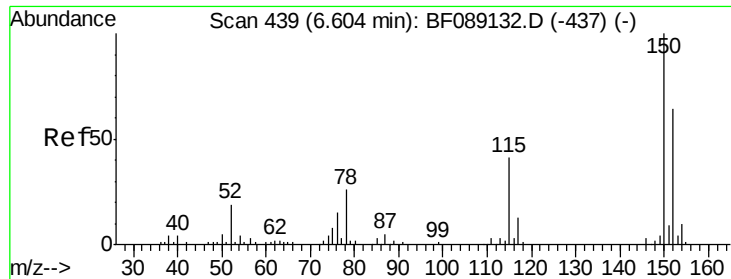
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089283.D
 Acq On : 25 Jul 2016 17:10
 Operator : UM/SJ
 Sample : H4129-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

Quant Time: Jul 26 01:51:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration



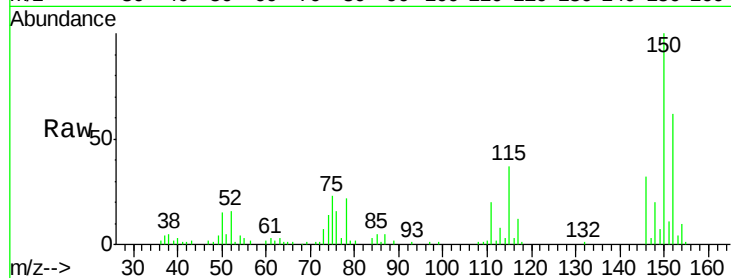


#1

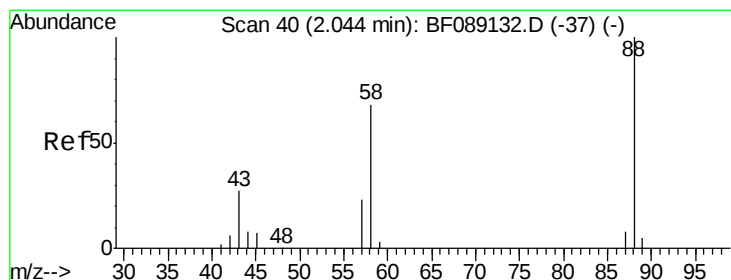
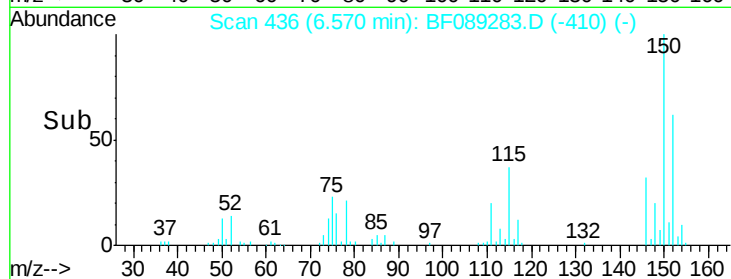
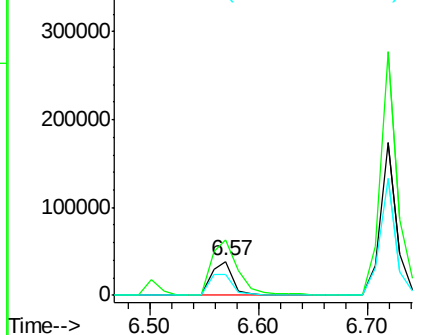
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

Tot Ion:152 Resp: 55318
Ion Ratio Lower Upper
152 100
150 162.1 125.1 187.7
115 60.5 51.1 76.7



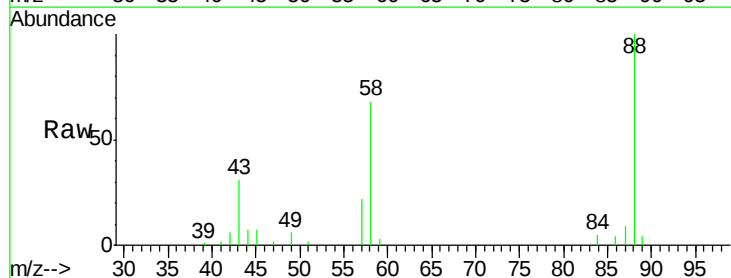
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



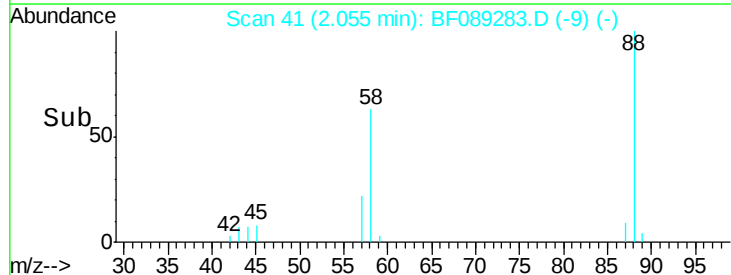
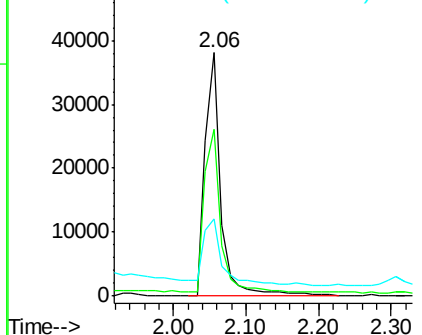
#2

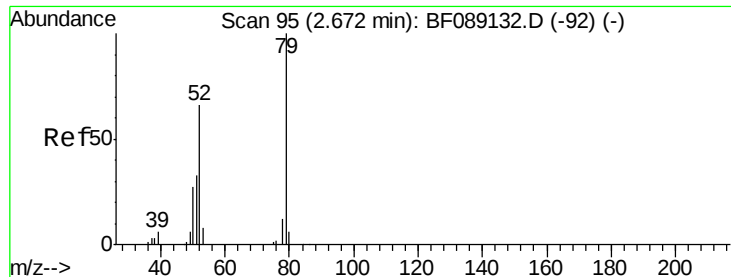
1,4-Dioxane
Concen: 36.79 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.07 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion: 88 Resp: 58096
Ion Ratio Lower Upper
88 100
58 68.3 49.2 73.8
43 34.0 20.6 30.8#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

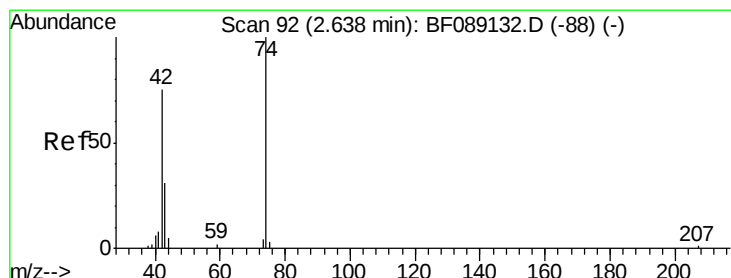
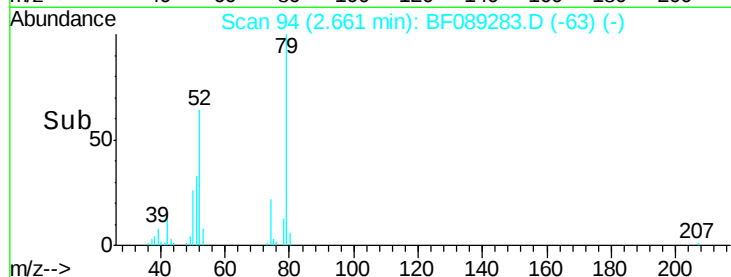
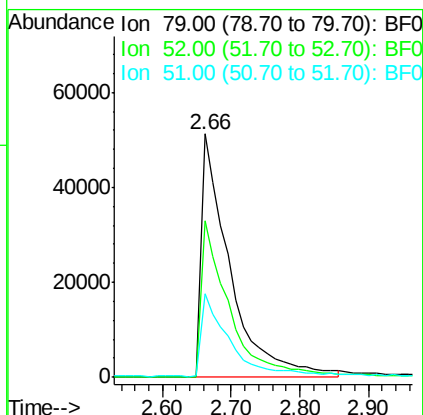
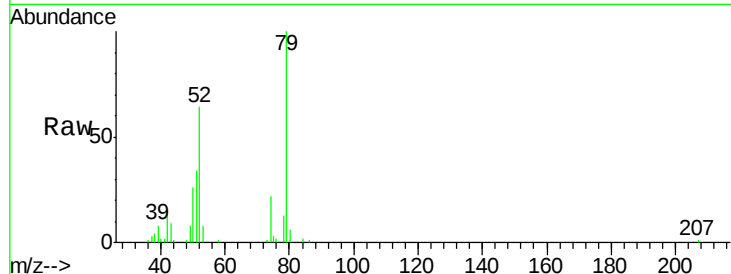




#3
 Pvridine
 Concen: 36.94 ng
 RT: 2.66 min Scan# 94
 Delta R.T. 0.06 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

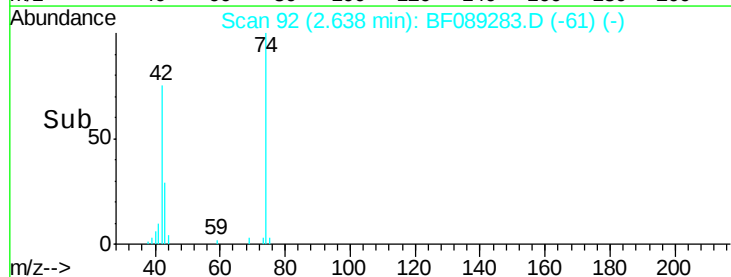
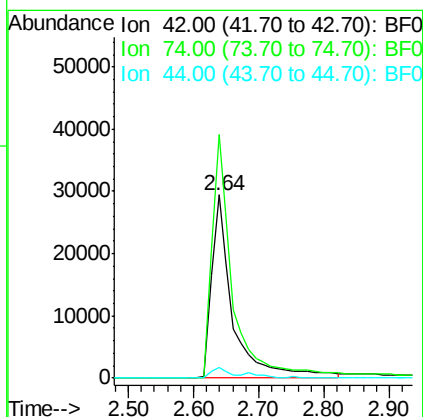
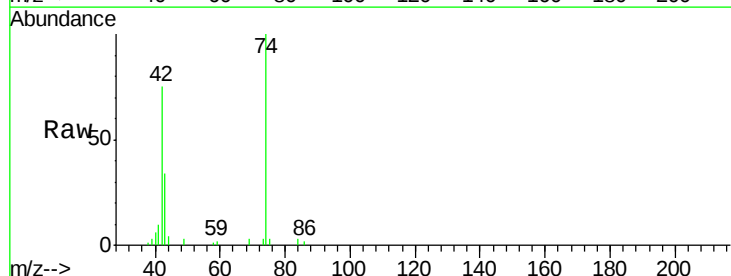
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

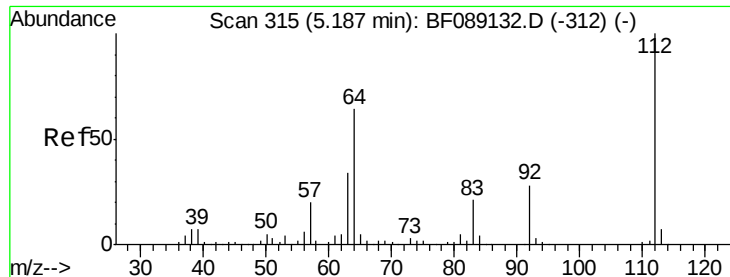
Tot Ion: 79 Resp: 148217
 Ion Ratio Lower Upper
 79 100
 52 64.5 52.9 79.3
 51 34.1 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 39.87 ng
 RT: 2.64 min Scan# 92
 Delta R.T. 0.06 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion: 42 Resp: 67330
 Ion Ratio Lower Upper
 42 100
 74 132.8 106.4 159.6
 44 5.9 5.2 7.8





#5

2-Fluorophenol

Concen: 119.49 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

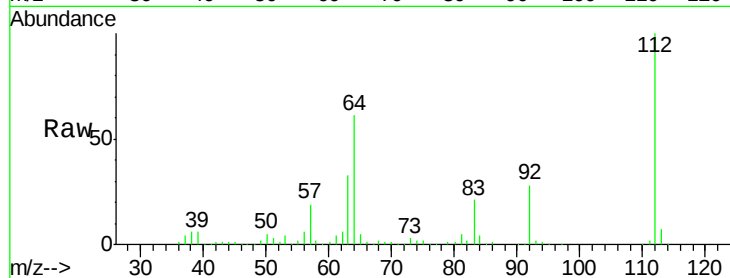
Tot Ion:112 Resp: 434630

Ion Ratio Lower Upper

112 100

64 61.2 51.0 76.4

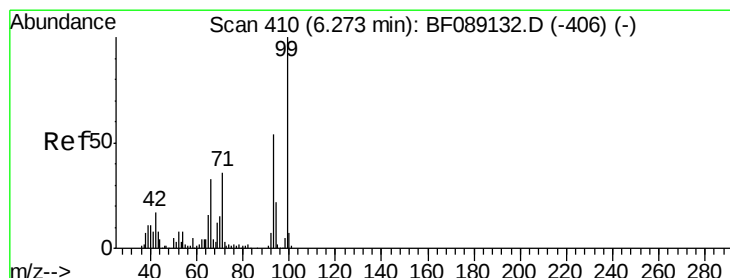
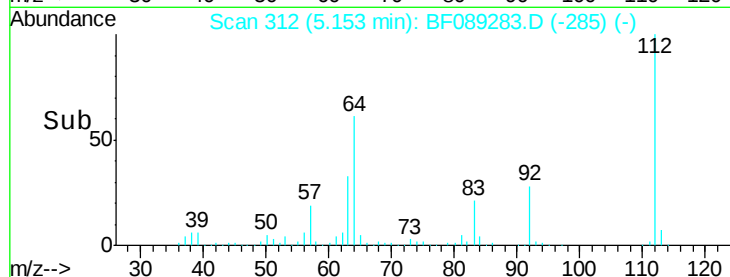
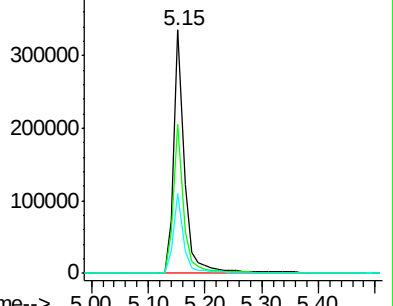
63 33.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.63 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

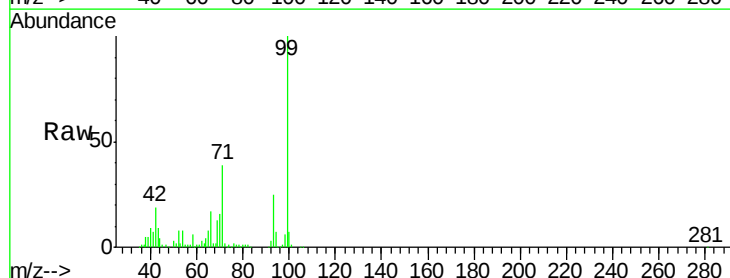
Tgt Ion: 93 Resp: 156107

Ion Ratio Lower Upper

93 100

66 67.5 48.9 73.3

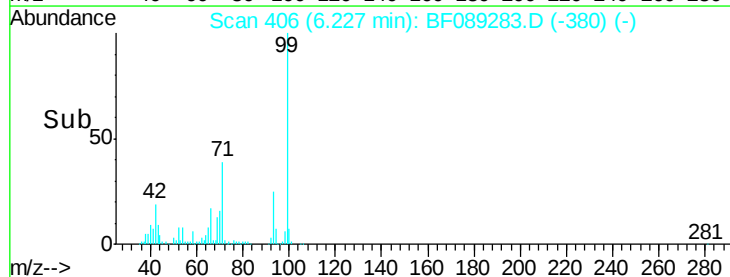
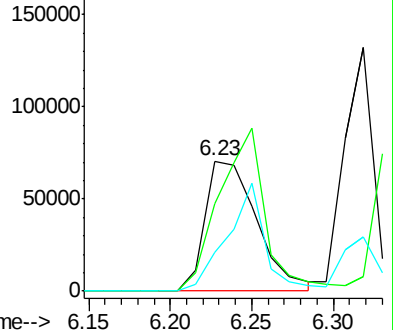
65 29.7 23.9 35.9

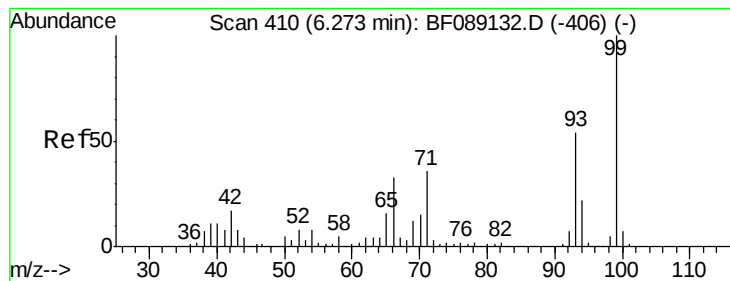


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.57 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

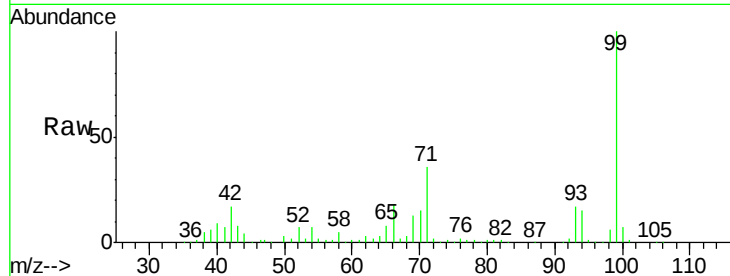
Tot Ion: 99 Resp: 593694

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

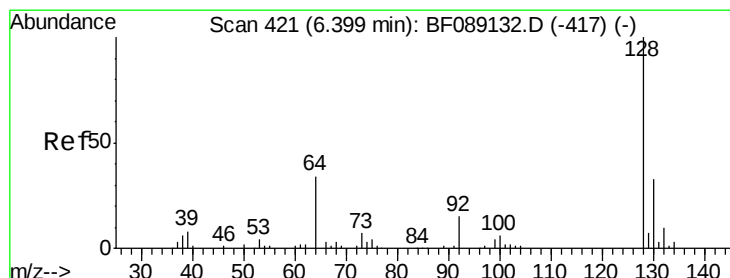
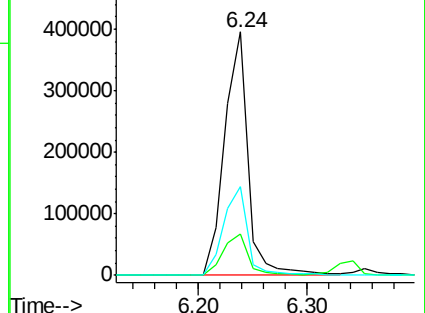
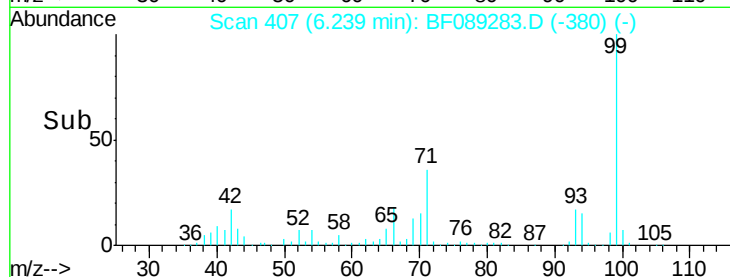
71 36.4 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.63 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

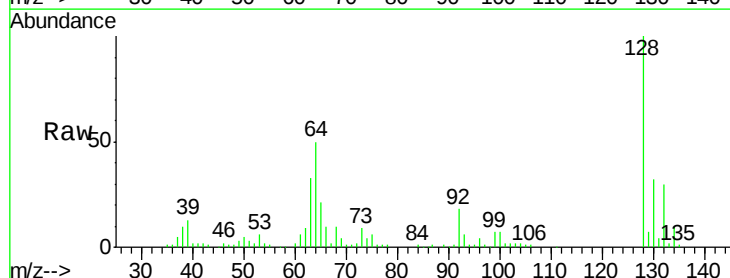
Tgt Ion: 128 Resp: 180121

Ion Ratio Lower Upper

128 100

130 31.7 12.6 52.6

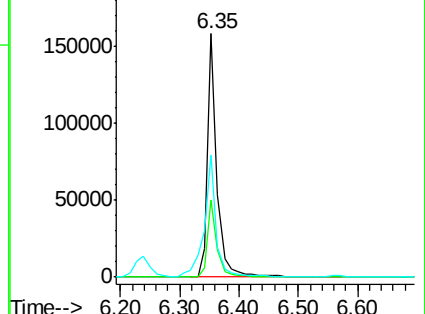
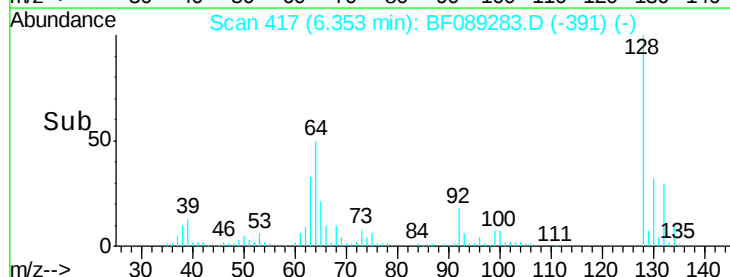
64 50.2 17.5 57.5

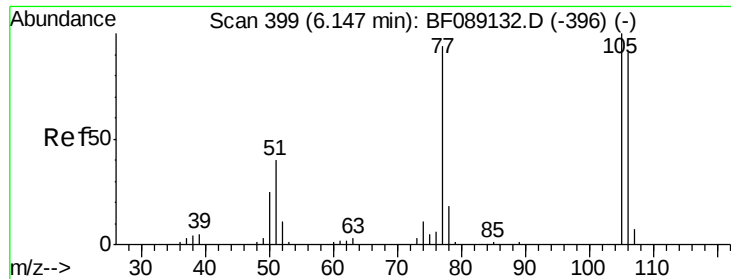


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.63 ng

RT: 6.10 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

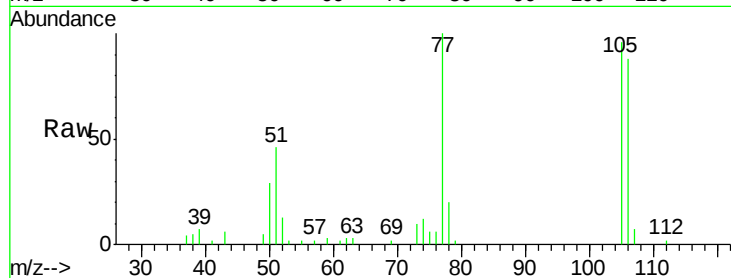
Tot Ion: 77 Resp: 37132

Ion Ratio Lower Upper

77 100

105 95.9 86.2 126.2

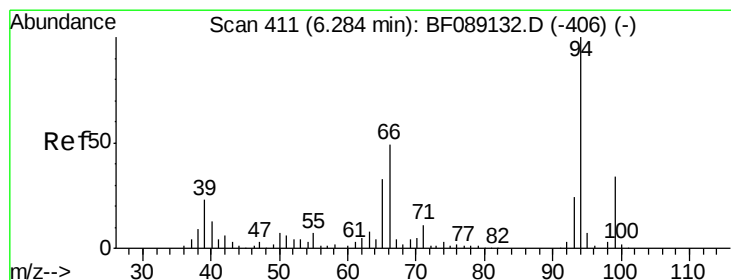
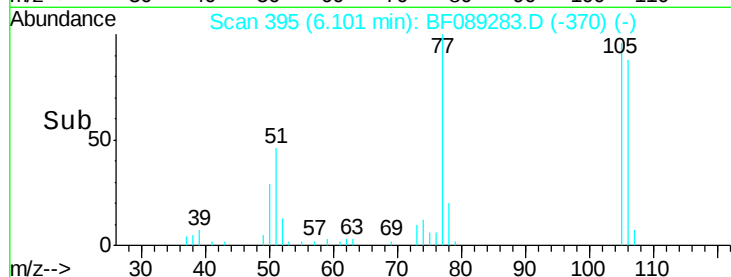
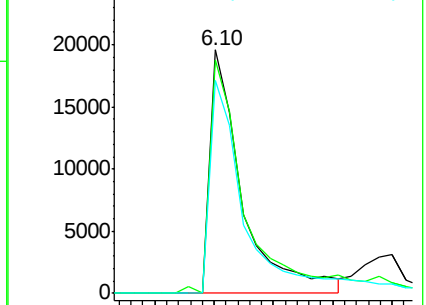
106 87.6 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.08 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

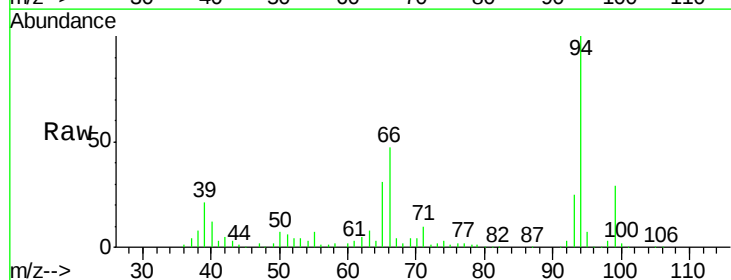
Tgt Ion: 94 Resp: 243632

Ion Ratio Lower Upper

94 100

65 31.2 13.3 53.3

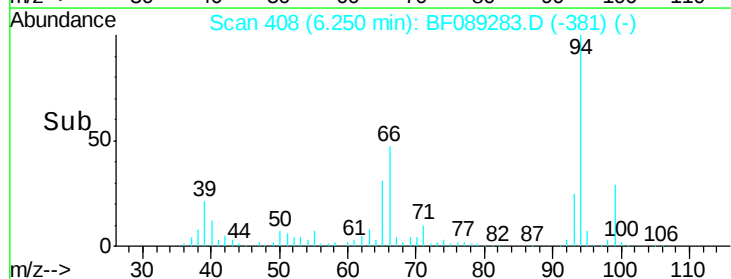
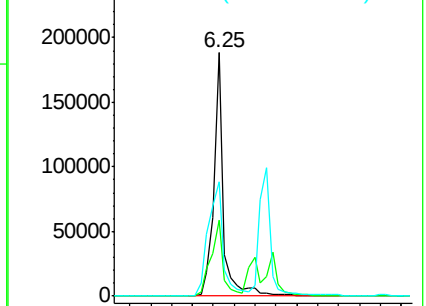
66 47.1 29.3 69.3

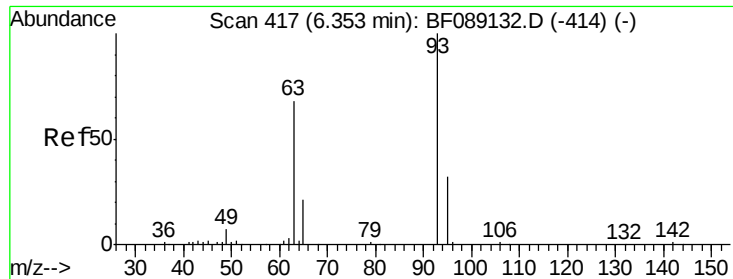


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

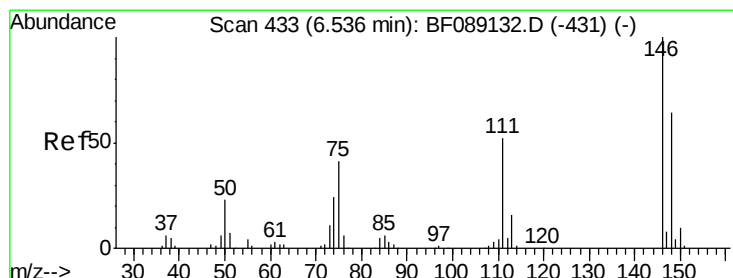
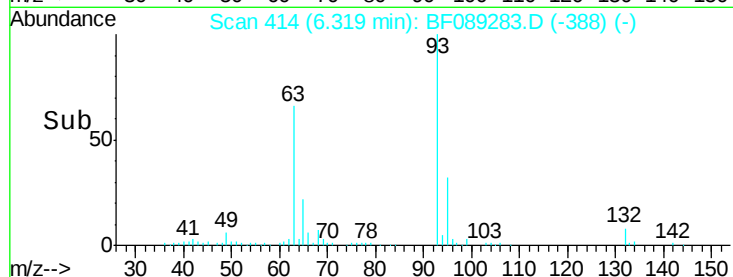
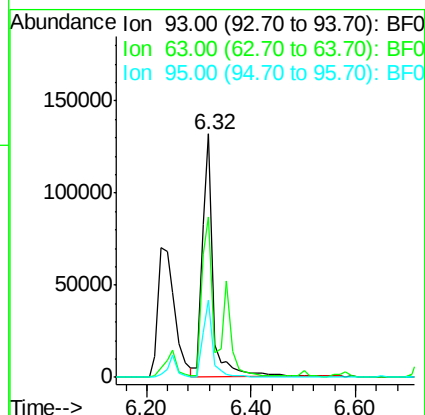
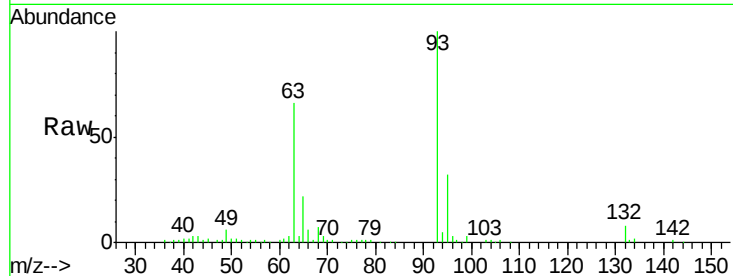




#11
bis(2-Chloroethyl)ether
Concen: 46.90 ng
RT: 6.32 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

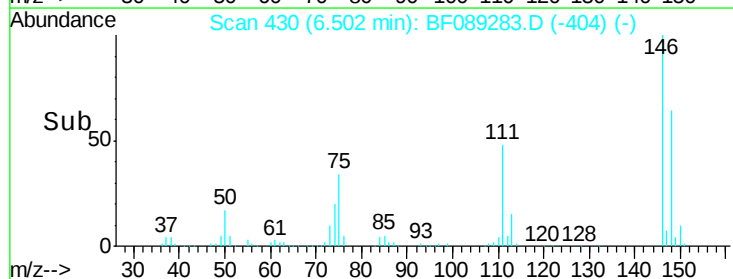
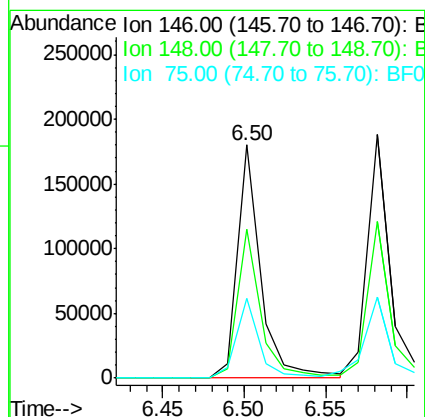
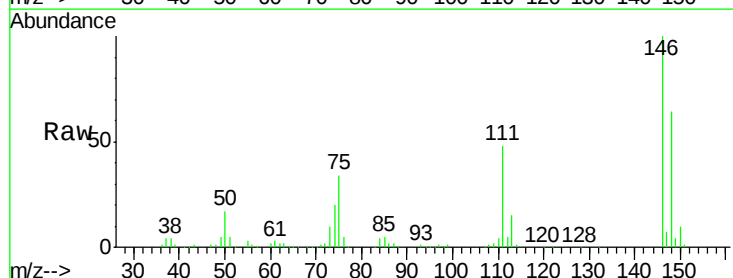
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

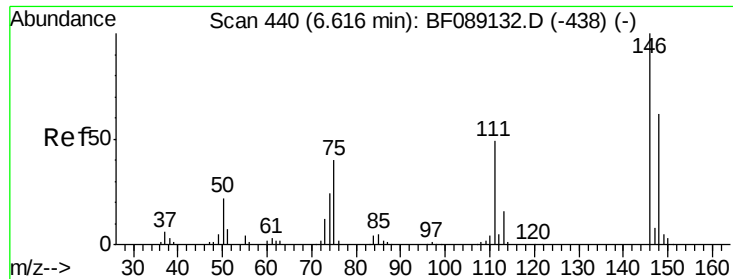
Tot Ion: 93 Resp: 190322
Ion Ratio Lower Upper
93 100
63 66.0 47.3 87.3
95 31.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.53 ng
RT: 6.50 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion: 146 Resp: 176185
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
75 34.1 32.5 48.7

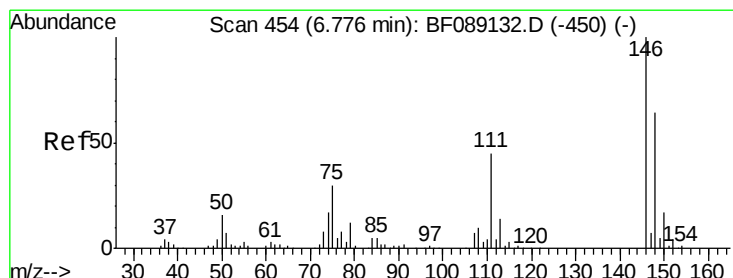
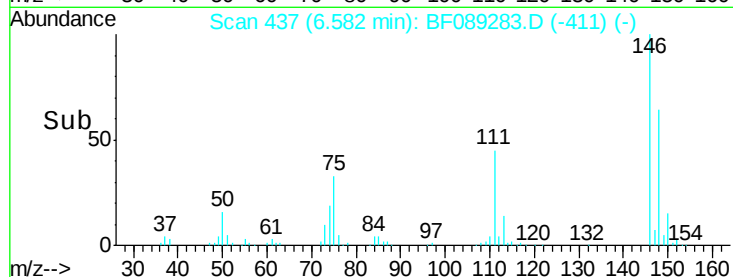
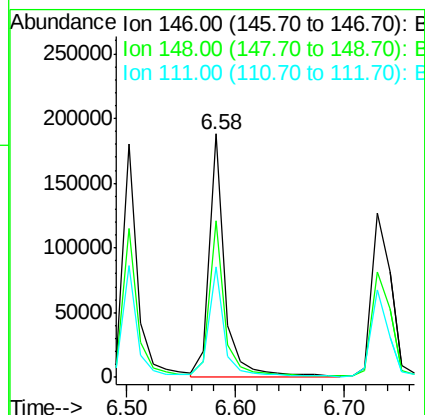
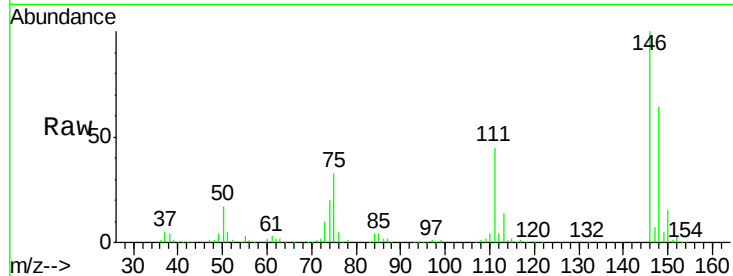




#13
 1,4-Dichlorobenzene
 Concen: 42.98 ng
 RT: 6.58 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

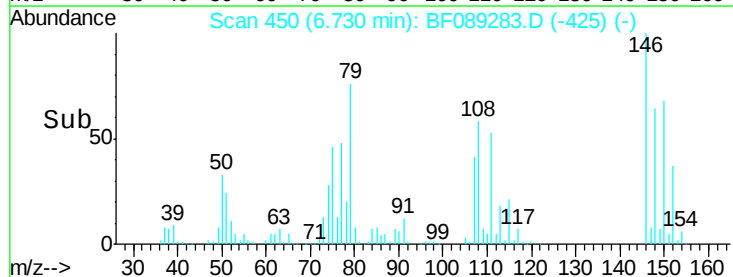
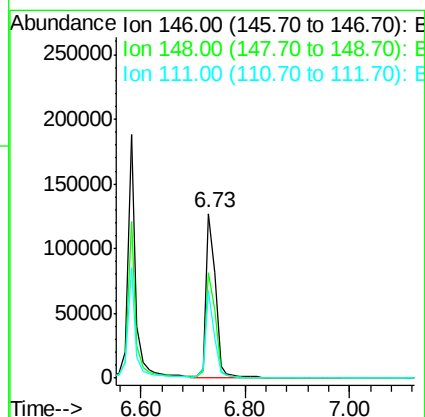
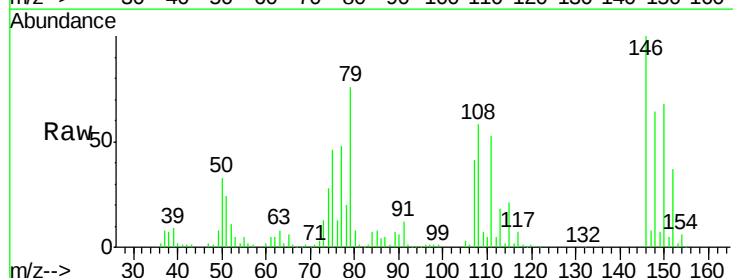
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

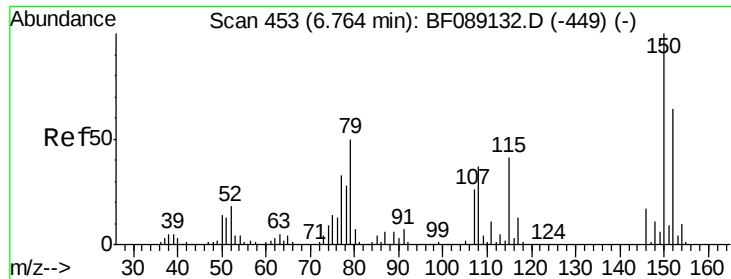
Tot Ion:146 Resp: 192941
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.9 74.9
 111 45.3 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 39.23 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion:146 Resp: 166018
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.0
 111 53.3 35.9 53.9

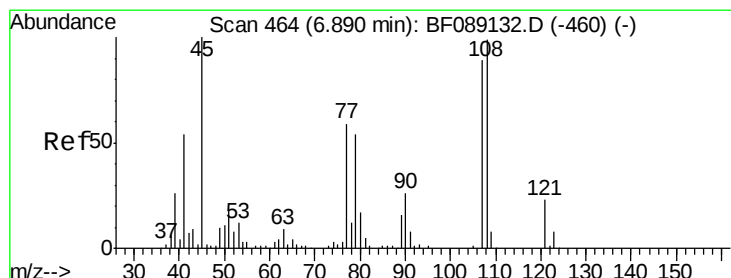
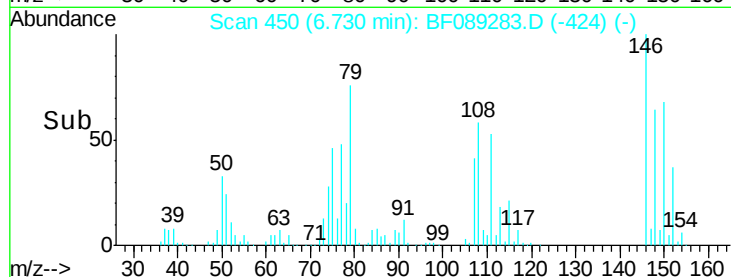
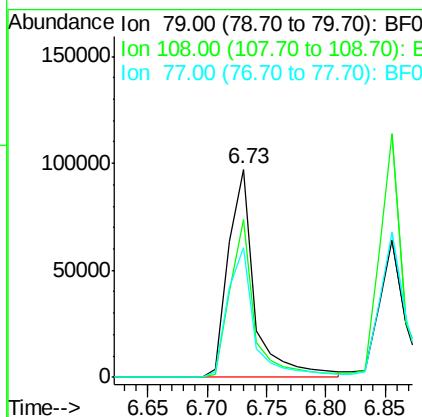
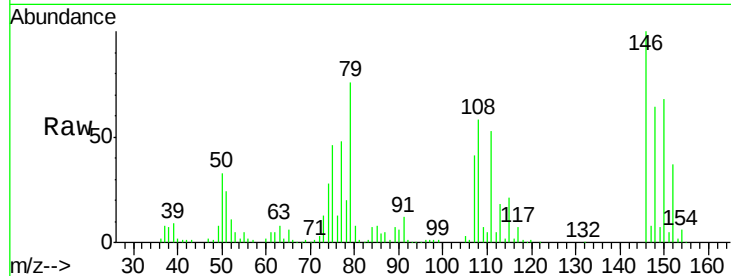




#15
Benzyl Alcohol
Concen: 43.78 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

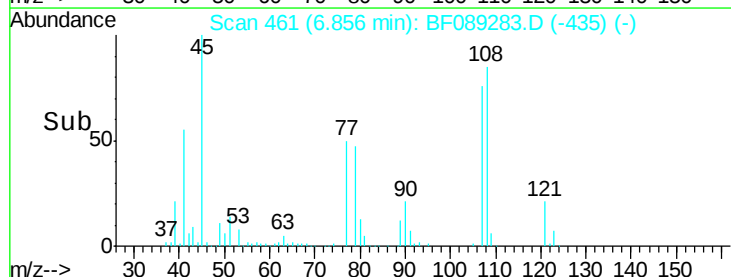
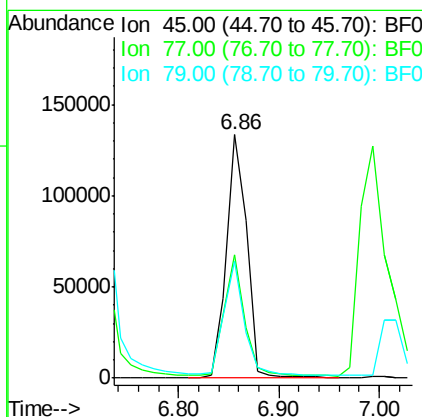
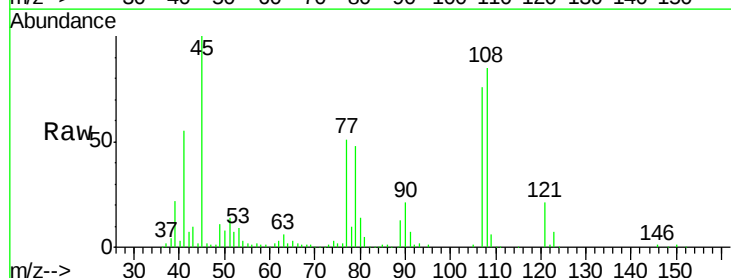
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

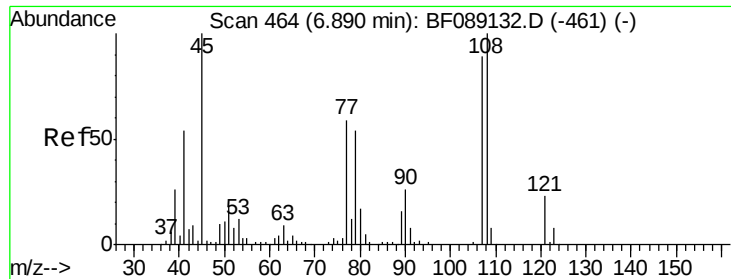
Tot Ion: 79 Resp: 150385
Ion Ratio Lower Upper
79 100
108 76.2 58.2 87.4
77 62.6 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.71 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion: 45 Resp: 188233
Ion Ratio Lower Upper
45 100
77 50.9 39.7 79.7
79 48.1 34.7 74.7





#17

2-Methylphenol

Concen: 42.29 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

Tot Ion:107 Resp: 134450

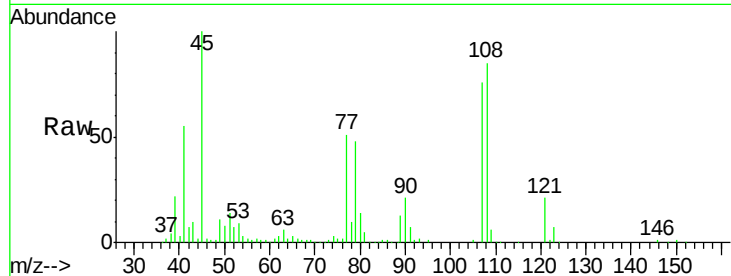
Ion Ratio Lower Upper

107 100

108 112.0 89.4 134.2

77 66.9 53.4 80.0

79 63.2 49.0 73.4

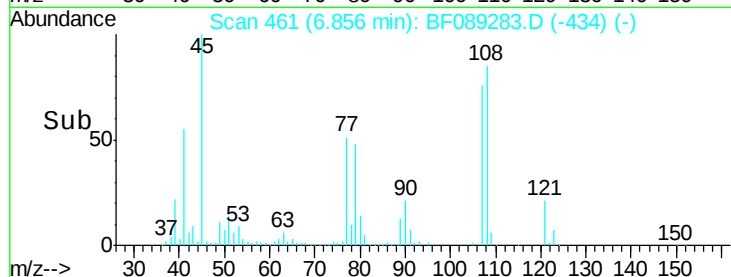


Abundance Ion 107.00 (106.70 to 107.70): E

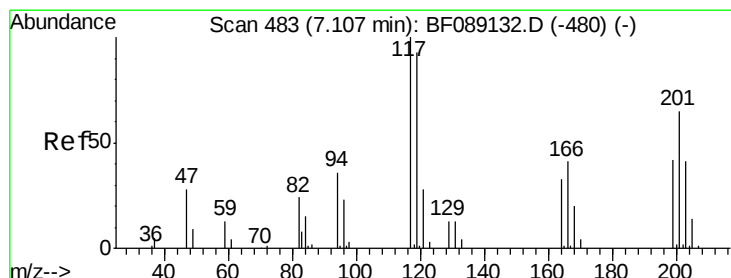
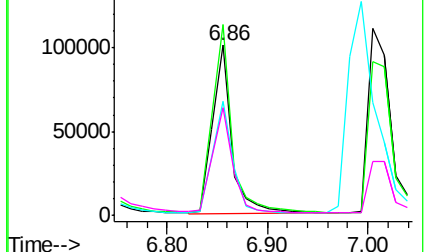
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 37.37 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

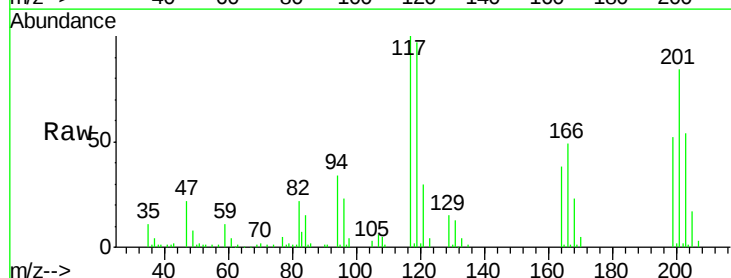
Tgt Ion:117 Resp: 63053

Ion Ratio Lower Upper

117 100

119 96.5 74.5 111.7

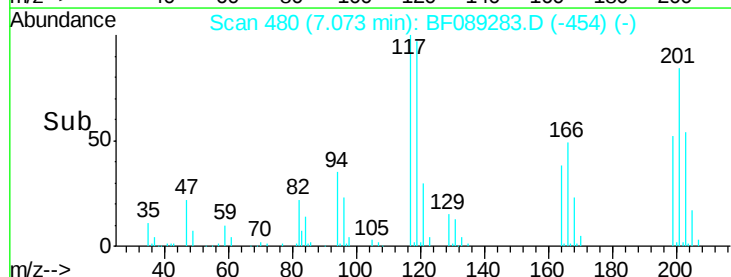
201 83.9 51.8 77.6#



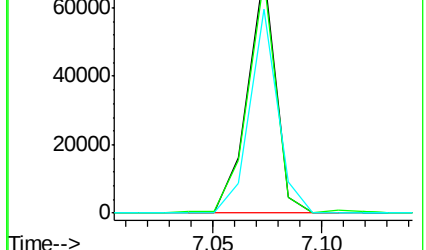
Abundance Ion 117.00 (116.70 to 117.70): E

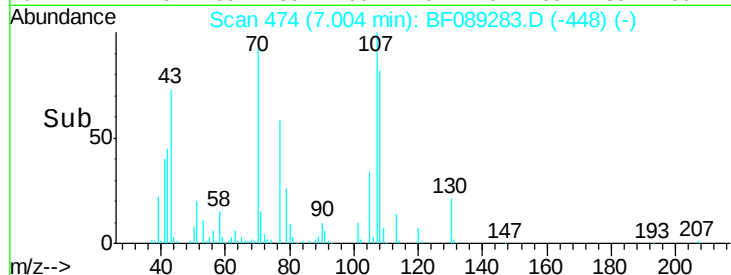
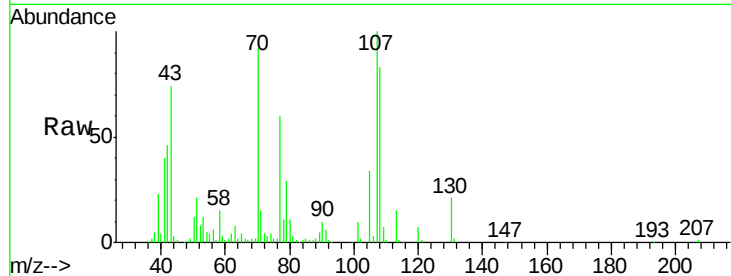
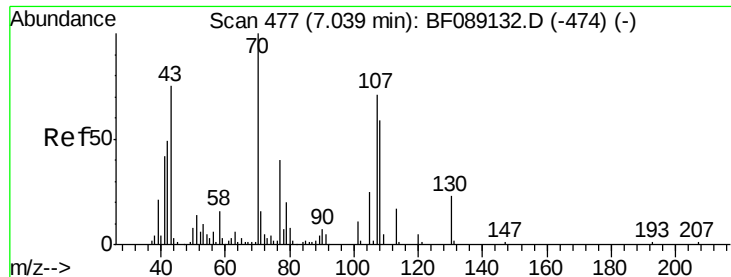
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->

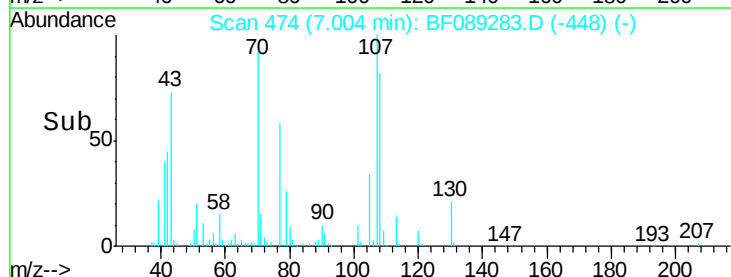
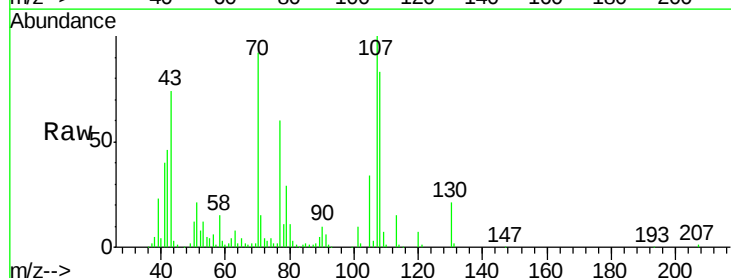
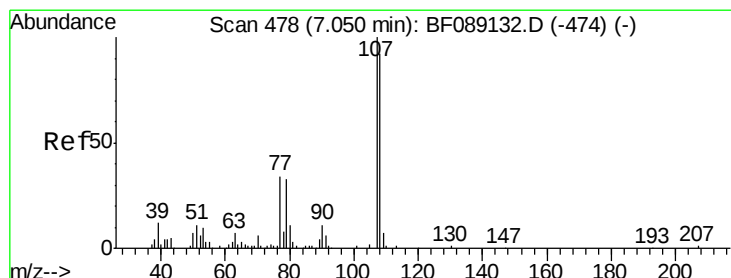
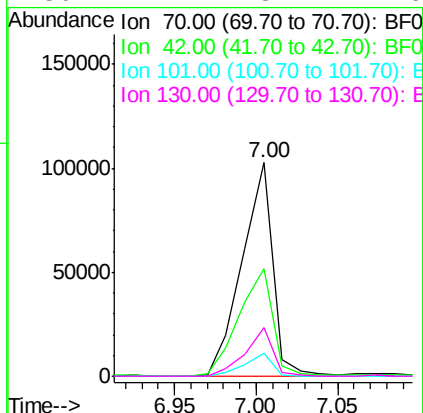




#19
n-Nitroso-di-n-propylamine
Concen: 44.20 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

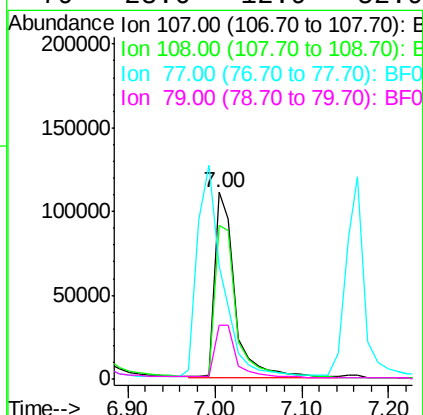
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

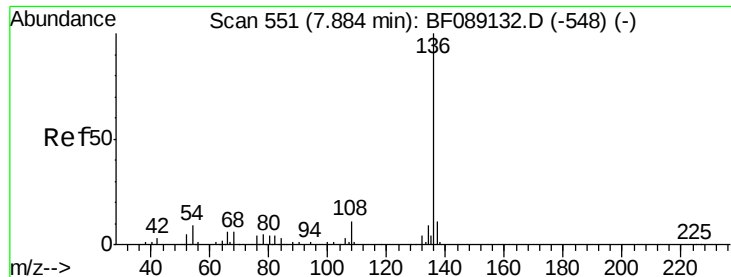
Tot Ion: 70 Resp: 135606
Ion Ratio Lower Upper
70 100
42 50.5 39.2 58.8
101 10.6 8.5 12.7
130 22.7 18.4 27.6



#20
3+4-Methylphenols
Concen: 42.15 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion: 107 Resp: 181909
Ion Ratio Lower Upper
107 100
108 82.6 72.5 112.5
77 60.4 17.7 57.7#
79 28.6 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

Tot Ion:136 Resp: 223498

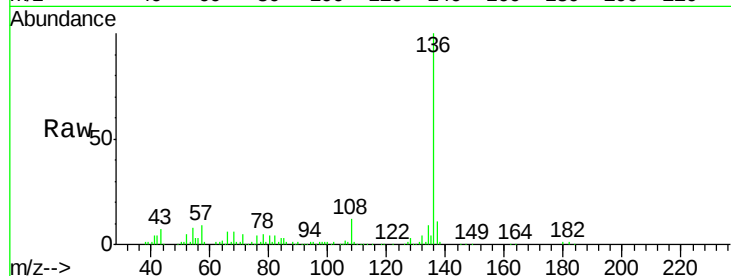
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.2 7.0 10.4

68 6.1 5.0 7.6

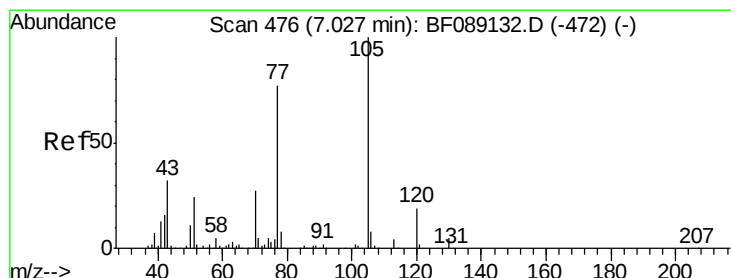
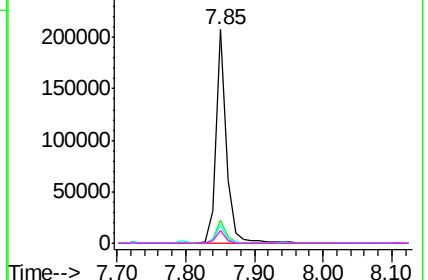
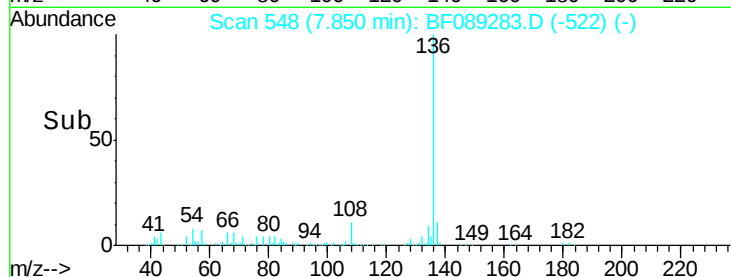


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.75 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Tgt Ion:105 Resp: 261136

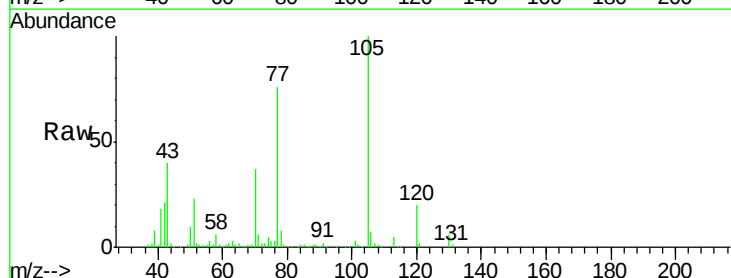
Ion Ratio Lower Upper

105 100

71 6.1 3.8 5.6#

51 23.4 19.6 29.4

120 19.9 15.5 23.3

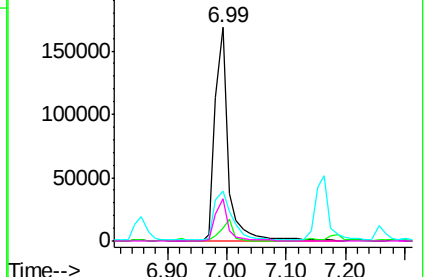
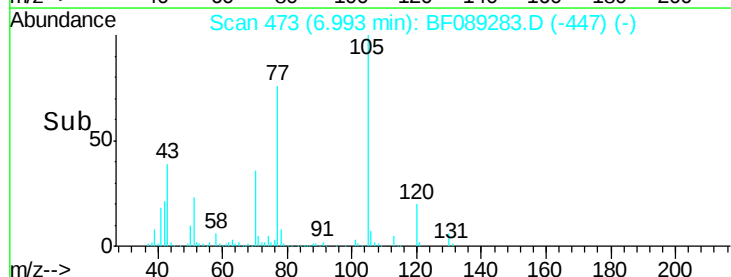


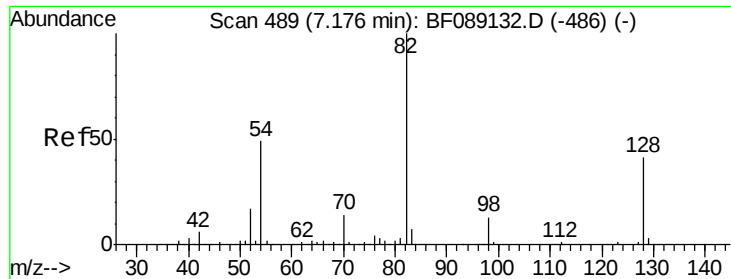
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

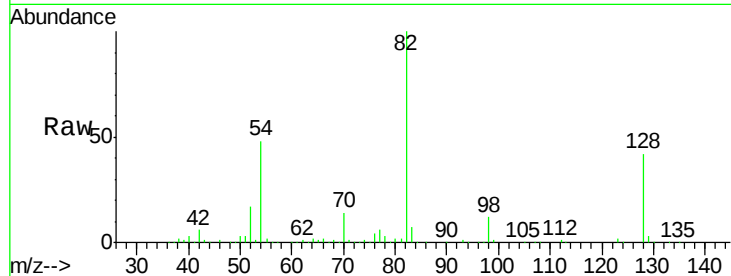




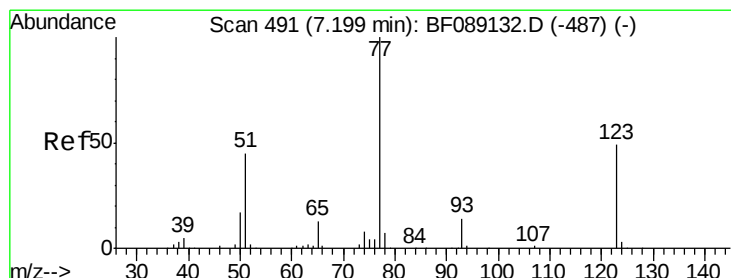
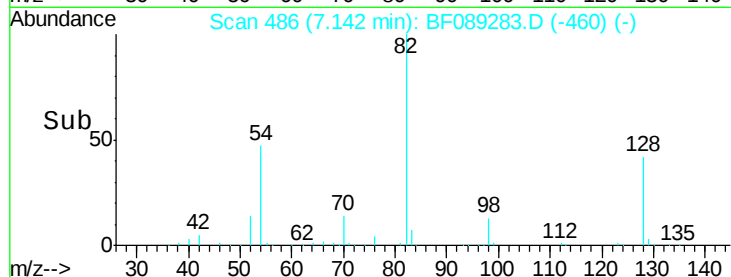
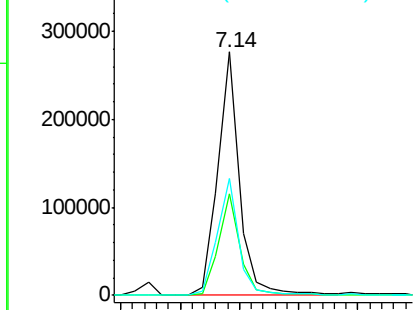
#23
 Nitrobenzene-d5
 Concen: 83.32 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

Tot Ion	82	Resp	350482
Ion Ratio	Lower	Upper	
82	100		
128	41.5	33.0	49.6
54	47.9	39.0	58.4

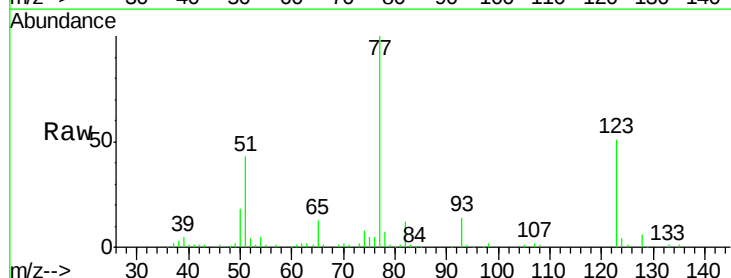


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

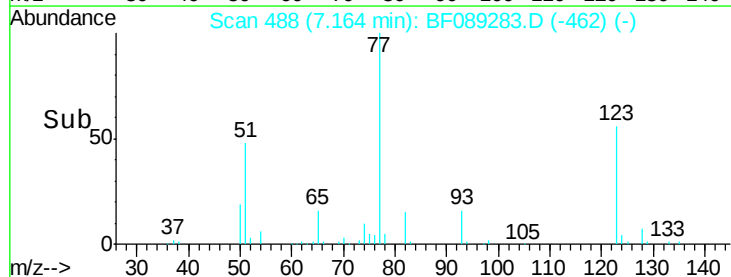
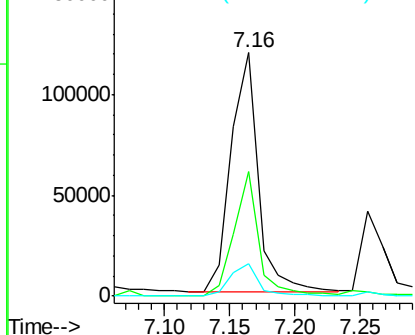


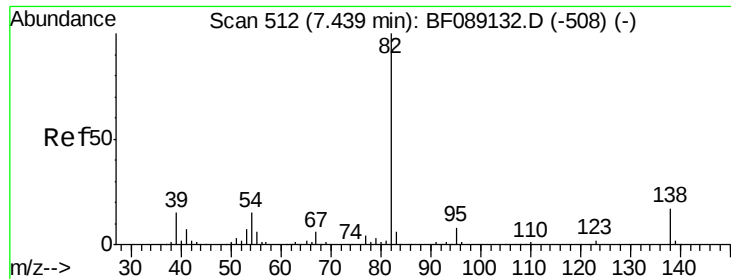
#24
 Nitrobenzene
 Concen: 39.12 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion	77	Resp	173554
Ion Ratio	Lower	Upper	
77	100		
123	51.3	38.9	58.3
65	13.1	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.55 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

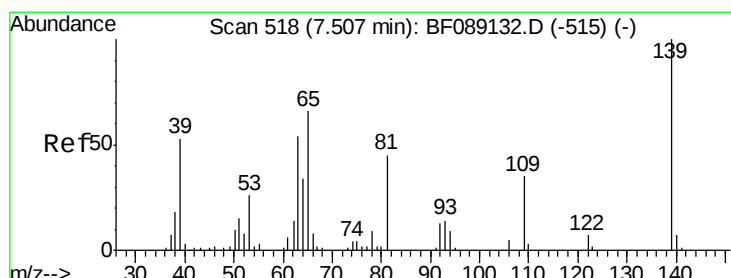
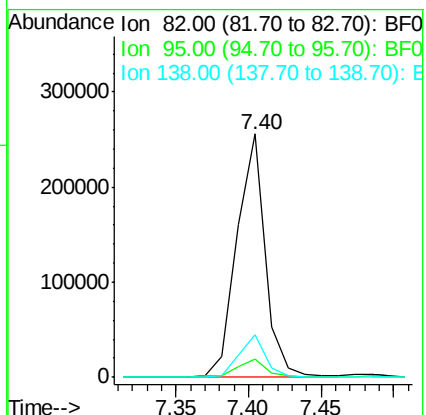
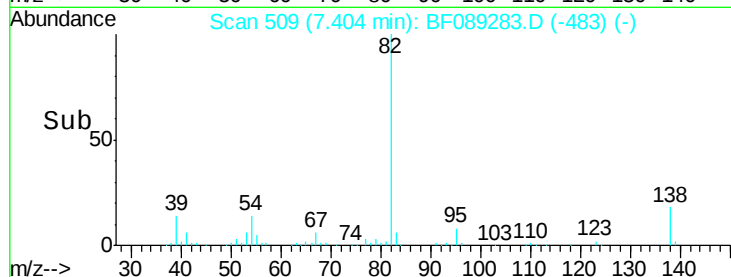
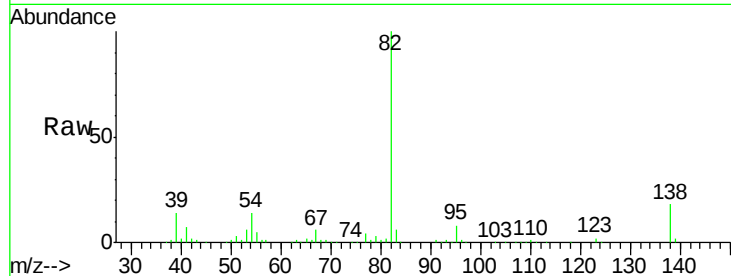
Tot Ion: 82 Resp: 345375

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 17.8 13.6 20.4



#26

2-Nitrophenol

Concen: 37.86 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

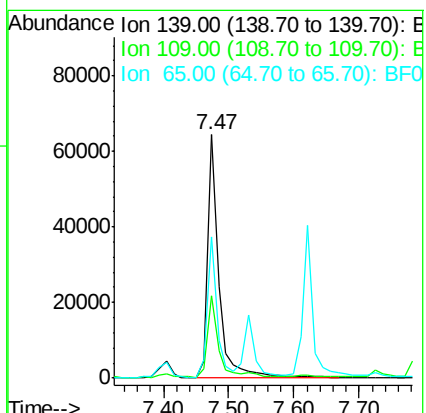
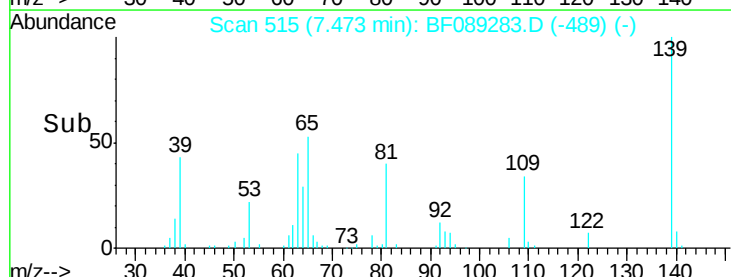
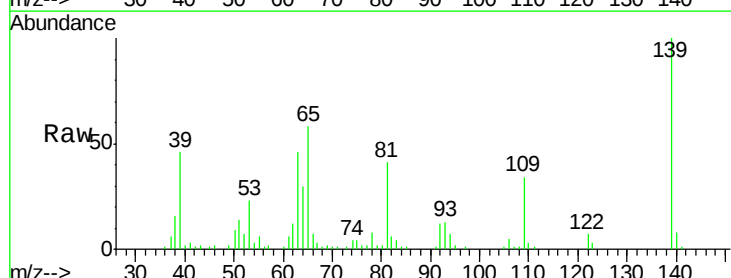
Tgt Ion: 139 Resp: 78344

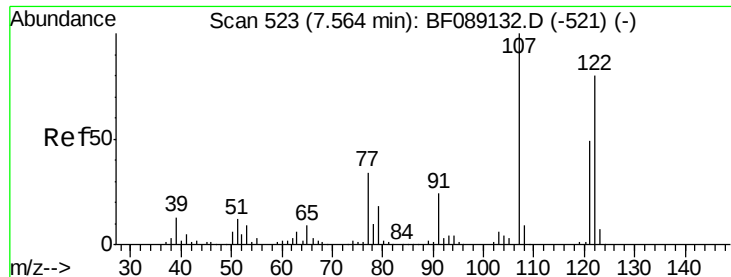
Ion Ratio Lower Upper

139 100

109 33.7 28.1 42.1

65 57.8 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 41.79 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

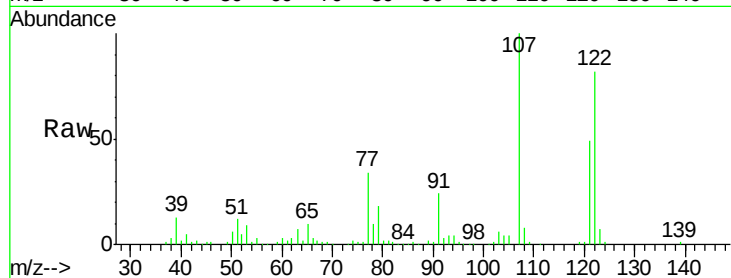
Tot Ion:122 Resp: 145704

Ion Ratio Lower Upper

122 100

107 121.8 99.7 149.5

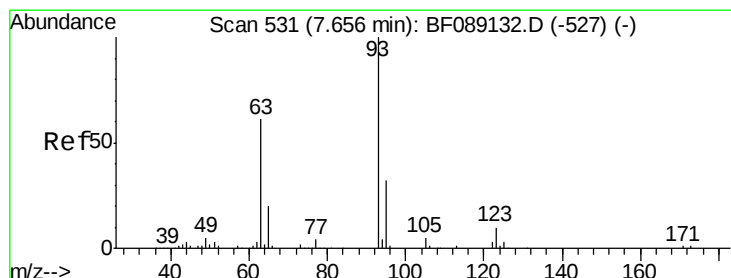
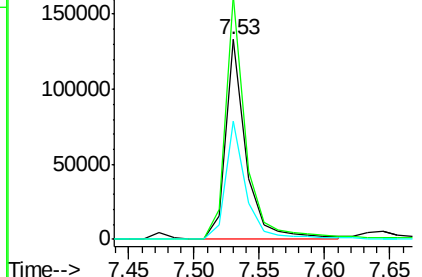
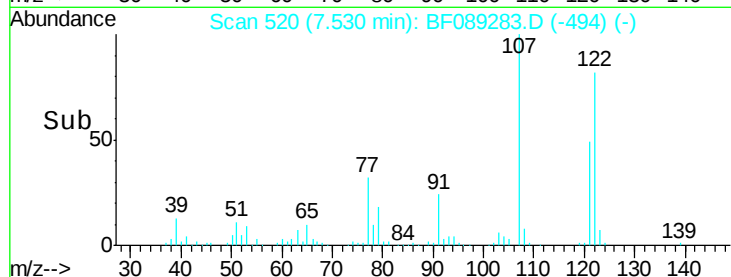
121 59.1 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.30 ng

RT: 7.62 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

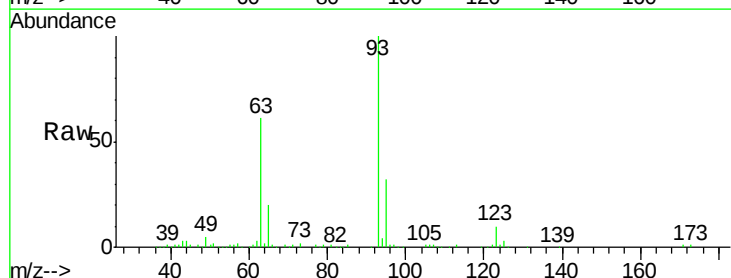
Tgt Ion: 93 Resp: 224530

Ion Ratio Lower Upper

93 100

95 32.3 25.4 38.0

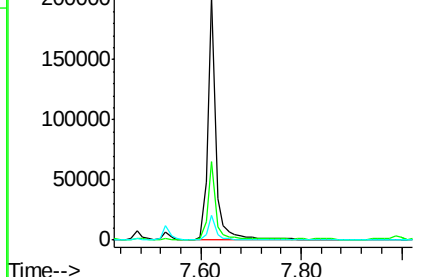
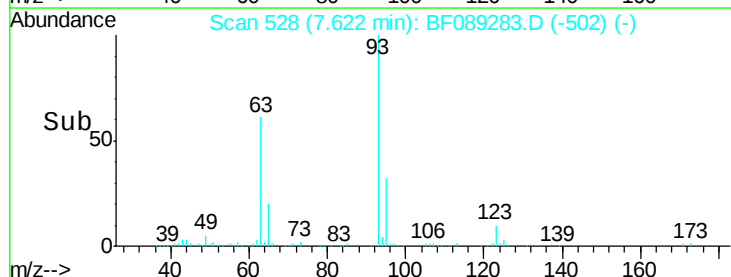
123 10.1 8.3 12.5

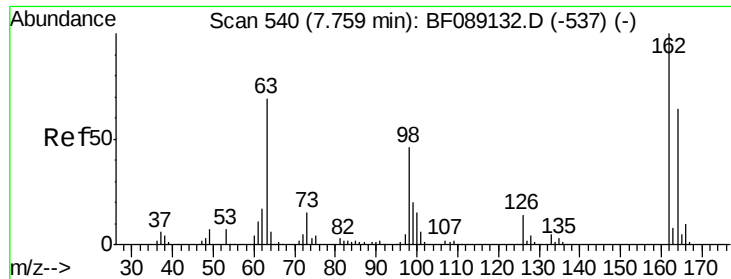


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

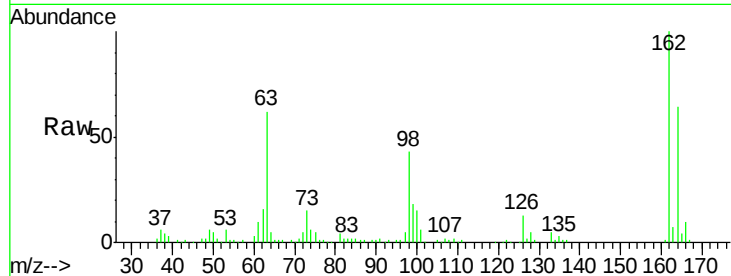




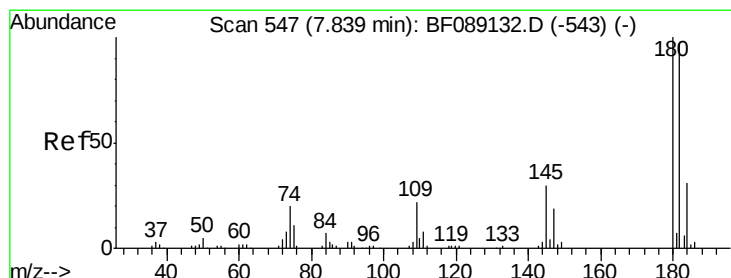
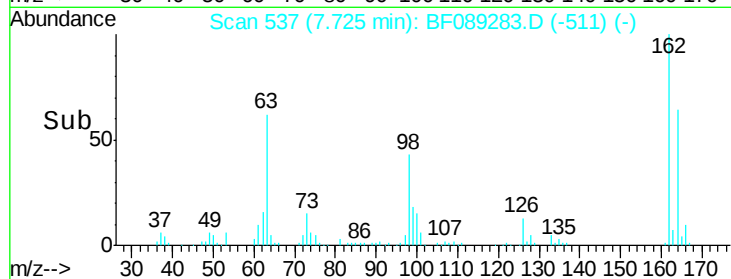
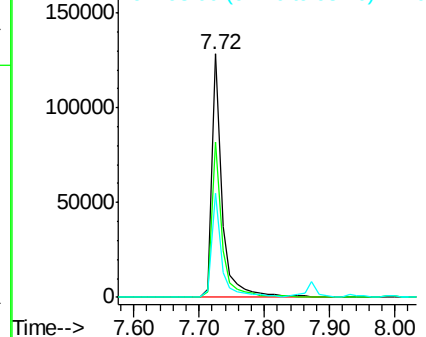
#29
 2,4-Dichlorophenol
 Concen: 45.06 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

Tot Ion:162 Resp: 141561
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.0 84.0
 98 42.8 26.0 66.0

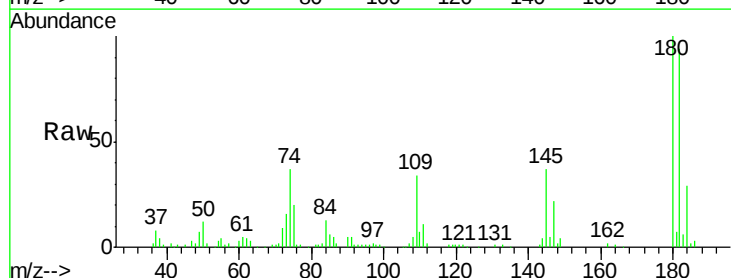


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

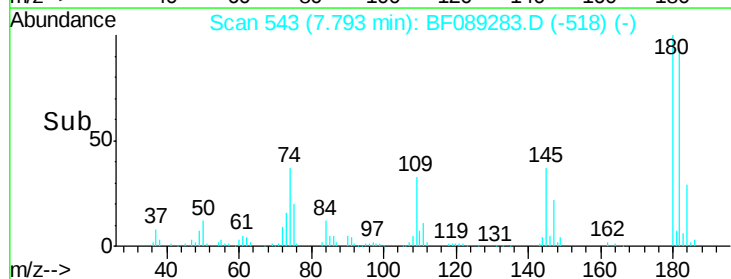
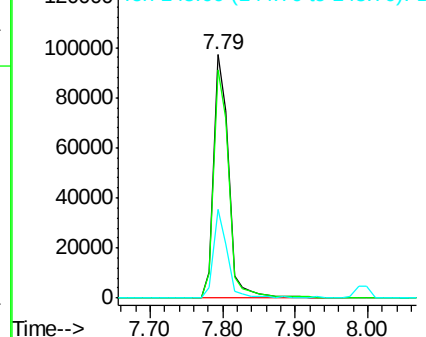


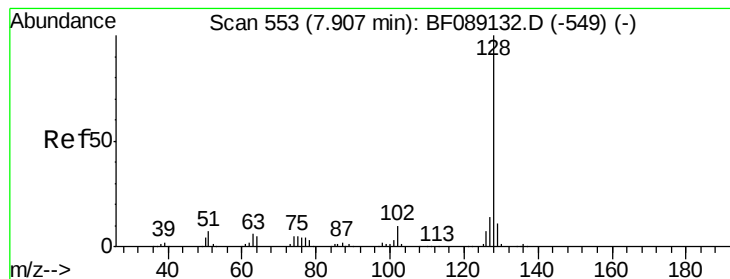
#30
 1,2,4-Trichlorobenzene
 Concen: 40.32 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion:180 Resp: 140233
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.6 116.4
 145 36.7 24.0 36.0#



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.89 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

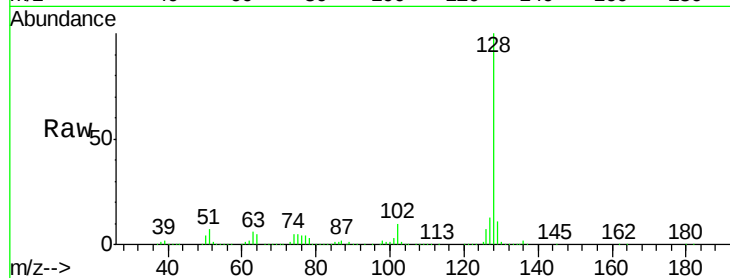
Tot Ion:128 Resp: 517398

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

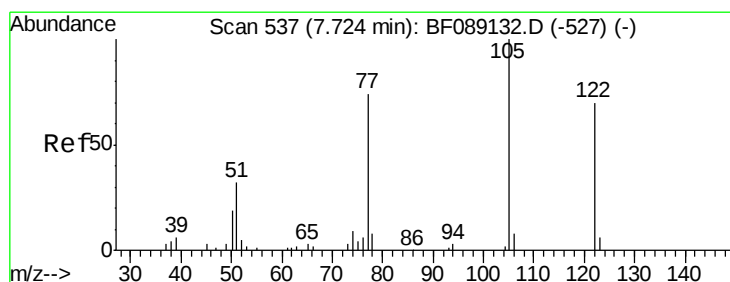
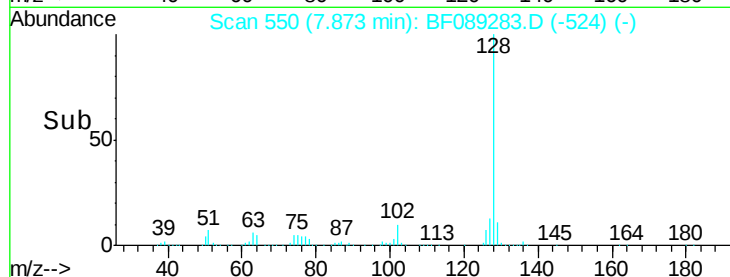
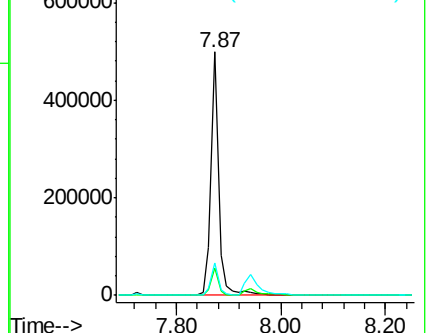
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.24 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

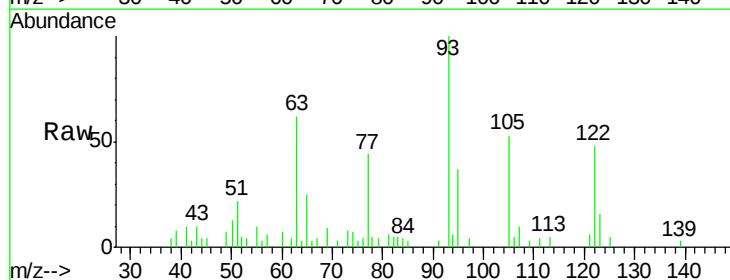
Tgt Ion:122 Resp: 14047

Ion Ratio Lower Upper

122 100

105 112.5 119.0 159.0#

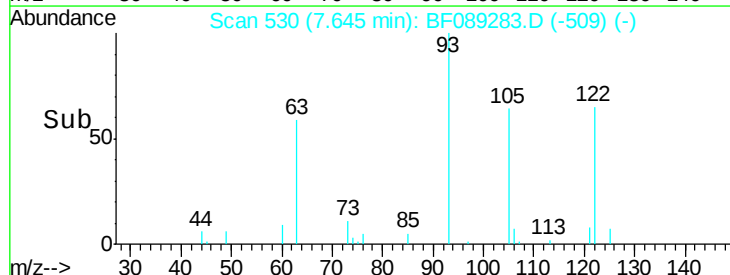
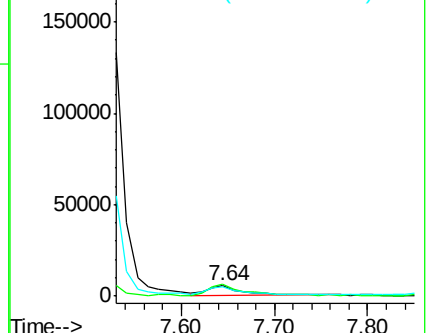
77 93.5 84.7 124.7

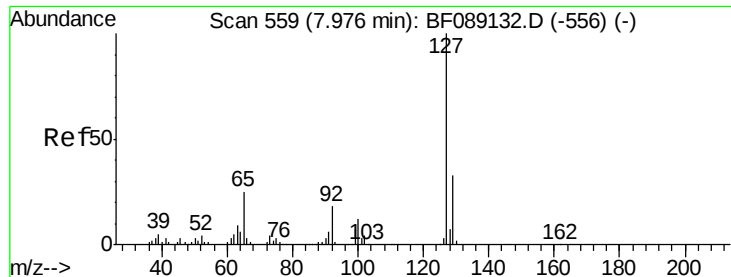


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

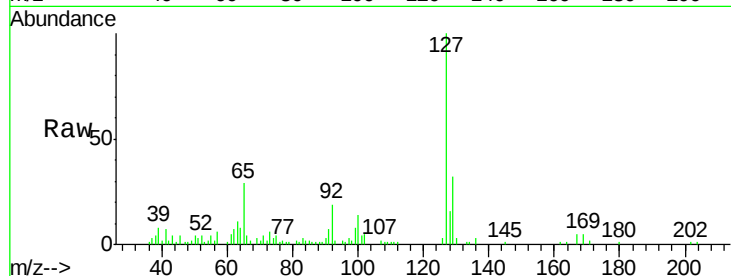




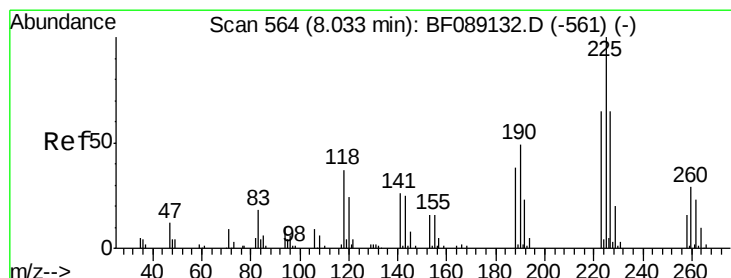
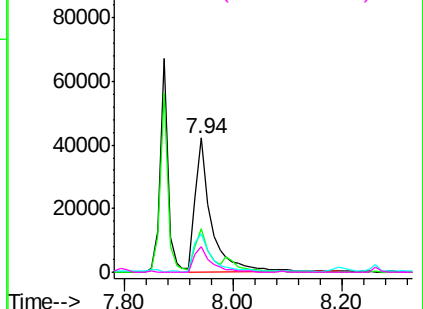
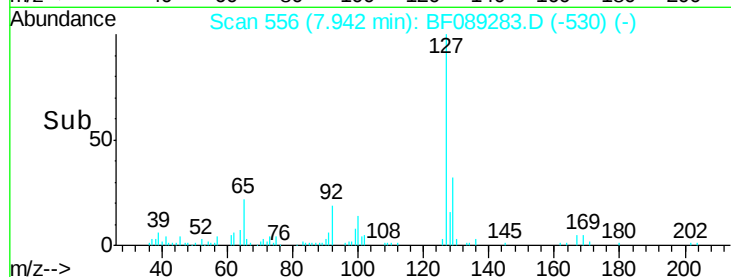
#33
4-Chloroaniline
Concen: 16.72 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

Tot Ion:127 Resp: 84819
Ion Ratio Lower Upper
127 100
129 32.5 25.9 38.9
65 28.5 19.7 29.5
92 18.8 14.3 21.5

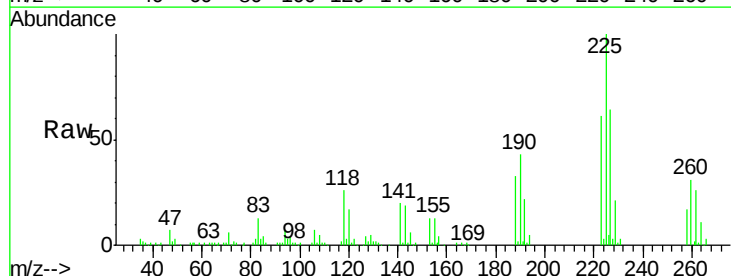


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

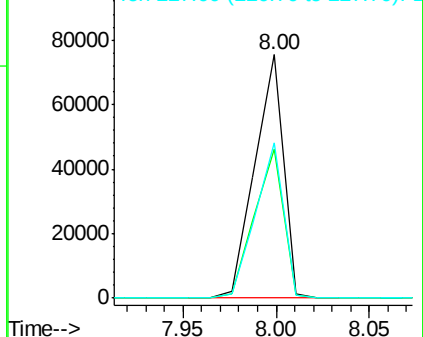
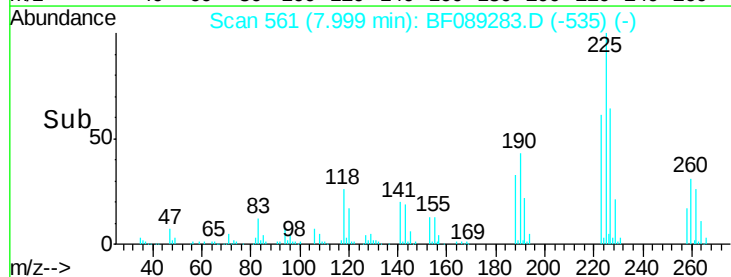


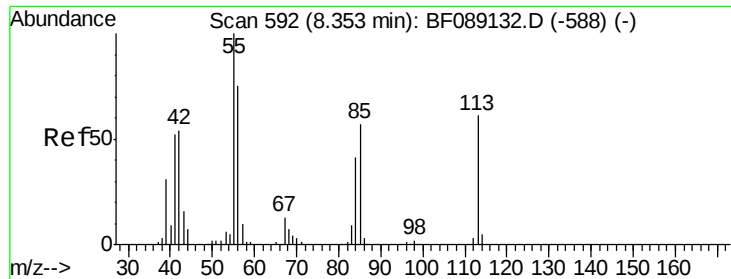
#34
Hexachlorobutadiene
Concen: 41.22 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion:225 Resp: 79778
Ion Ratio Lower Upper
225 100
223 60.9 51.6 77.4
227 63.7 51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.05 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

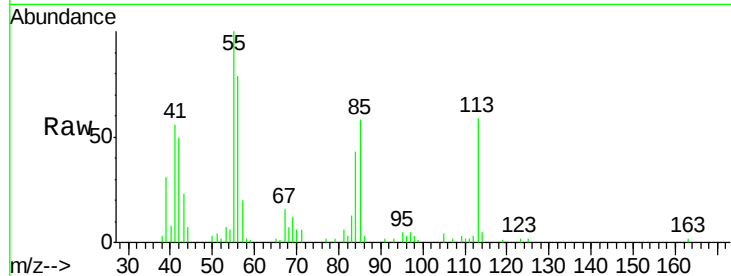
Tot Ion:113 Resp: 41023

Ion Ratio Lower Upper

113 100

55 169.1 145.3 185.3

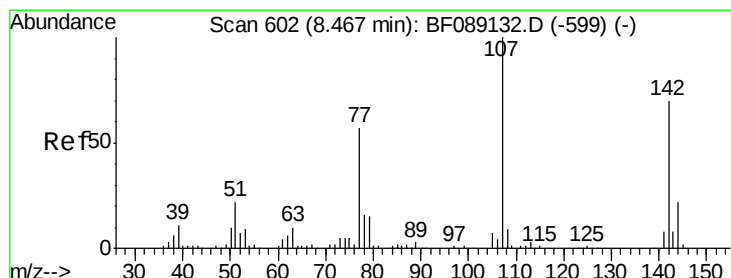
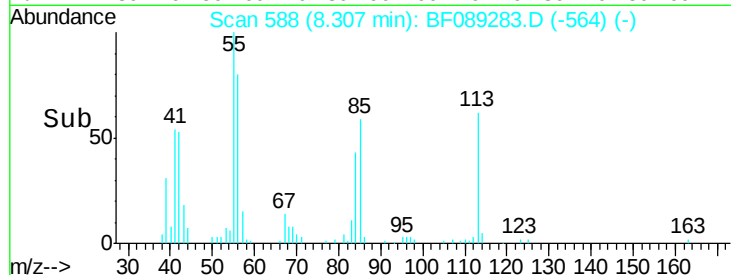
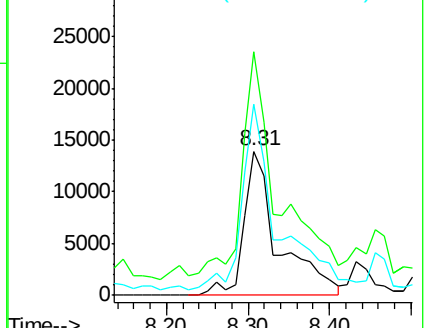
56 132.8 104.3 144.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.16 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

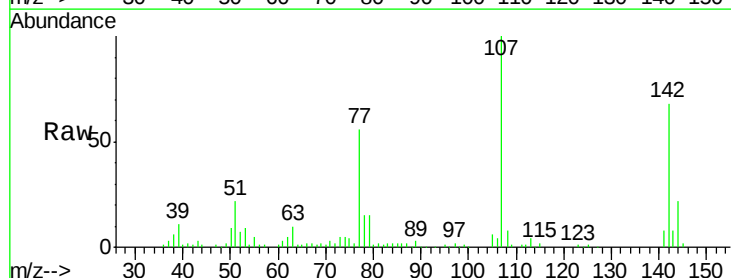
Tgt Ion:107 Resp: 148218

Ion Ratio Lower Upper

107 100

144 22.3 17.8 26.6

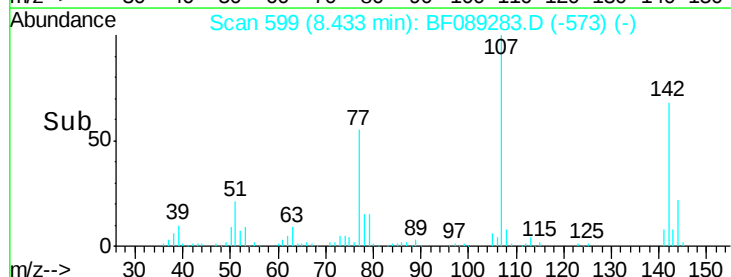
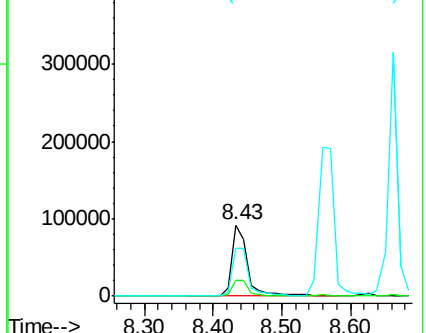
142 67.9 56.1 84.1

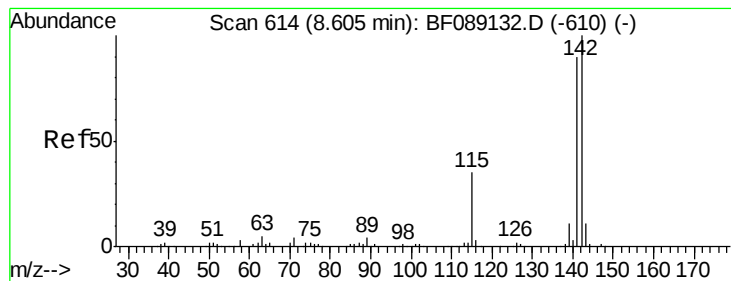


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.69 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

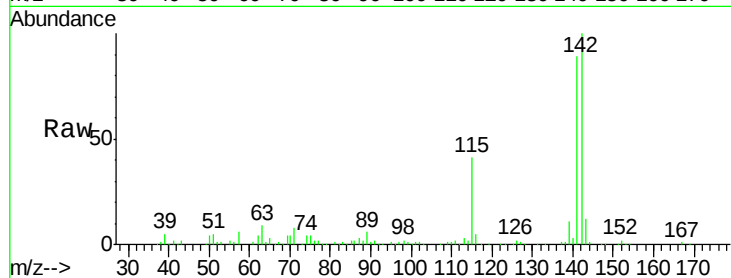
Tot Ion:142 Resp: 297660

Ion Ratio Lower Upper

142 100

141 89.3 71.6 107.4

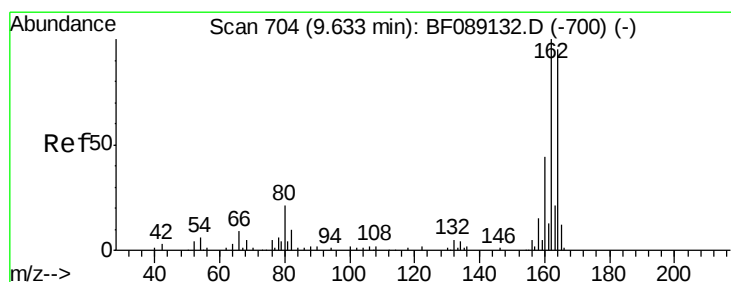
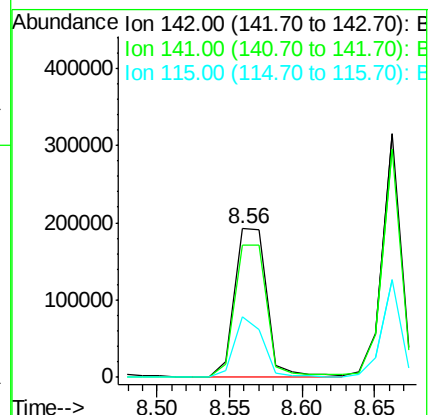
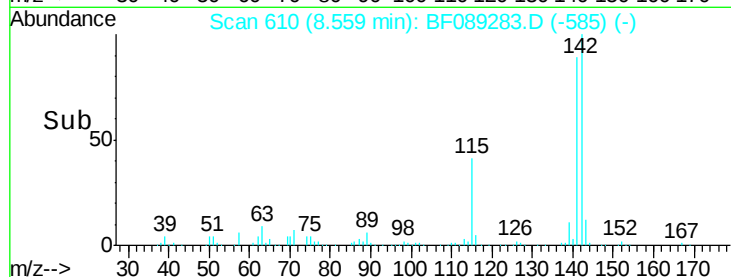
115 40.6 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

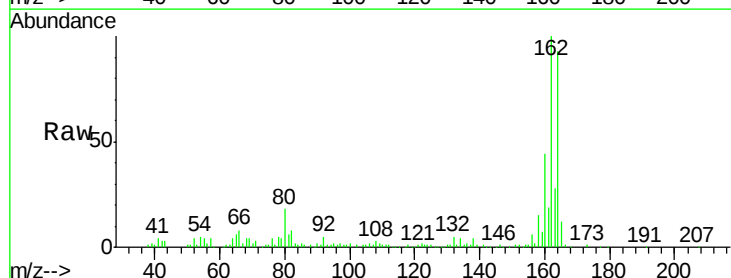
Tgt Ion:164 Resp: 97726

Ion Ratio Lower Upper

164 100

162 107.2 84.1 126.1

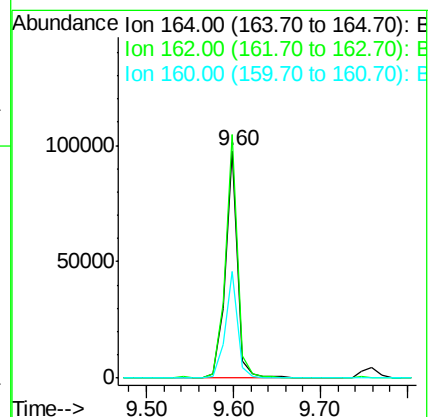
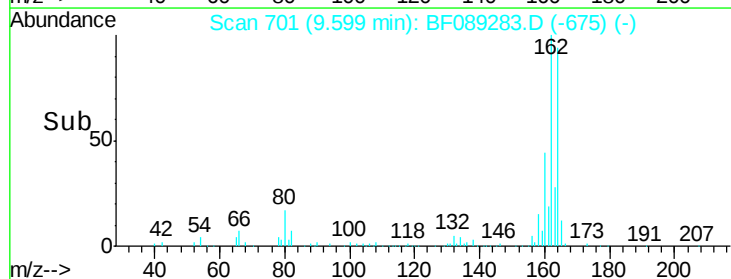
160 47.1 37.1 55.7

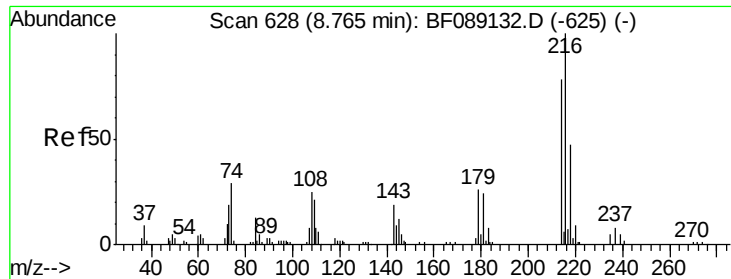


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.63 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

Tot Ion:216 Resp: 129430

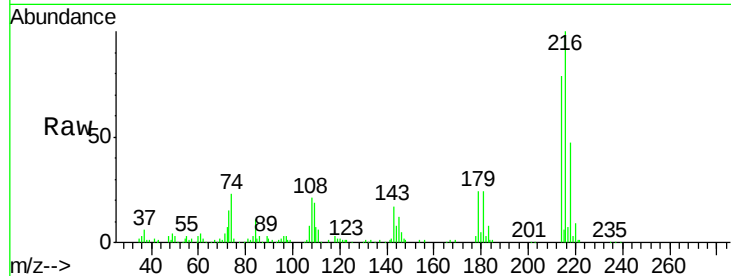
Ion Ratio Lower Upper

216 100

214 78.4 61.9 92.9

179 24.1 18.4 27.6

108 21.9 17.0 25.6

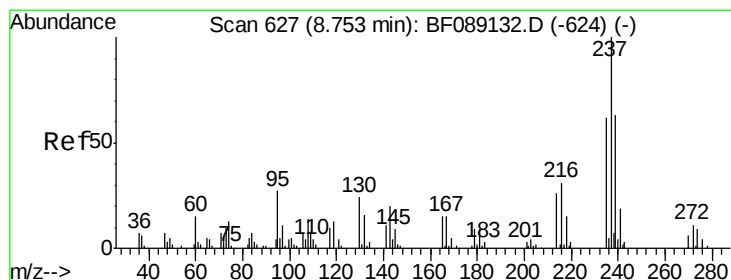
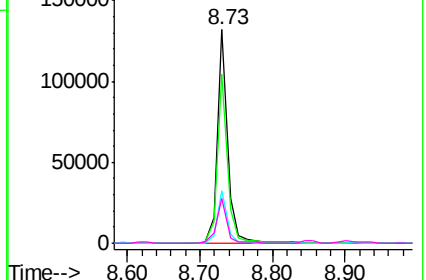
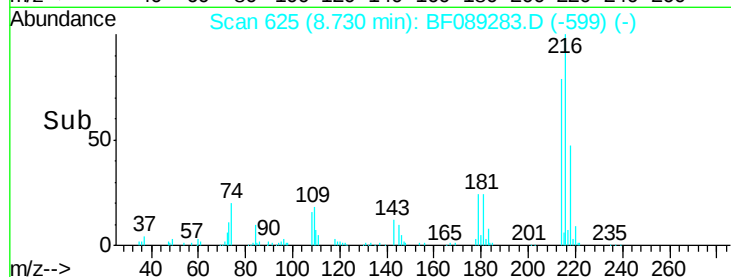


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 21.28 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

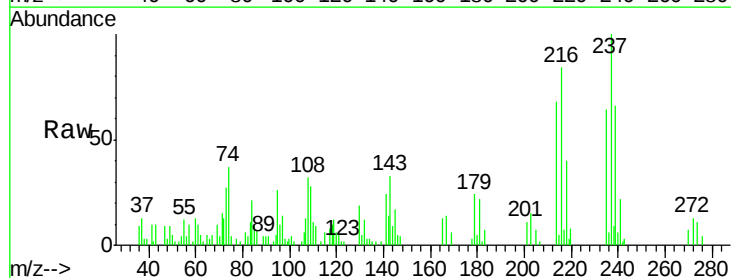
Tgt Ion:237 Resp: 17443

Ion Ratio Lower Upper

237 100

235 63.8 42.1 82.1

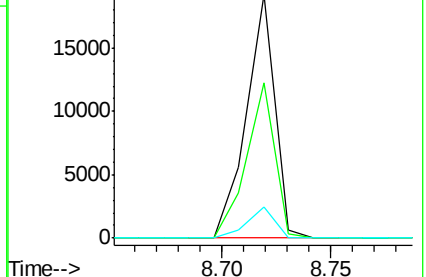
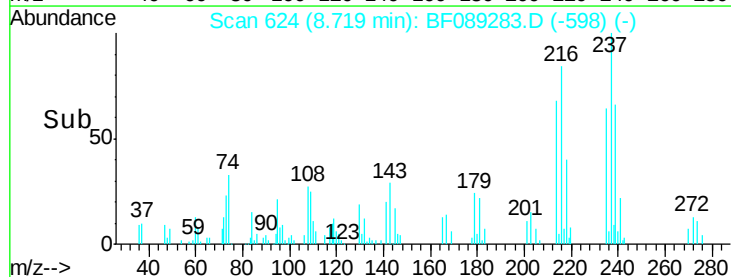
272 12.7 0.0 31.4

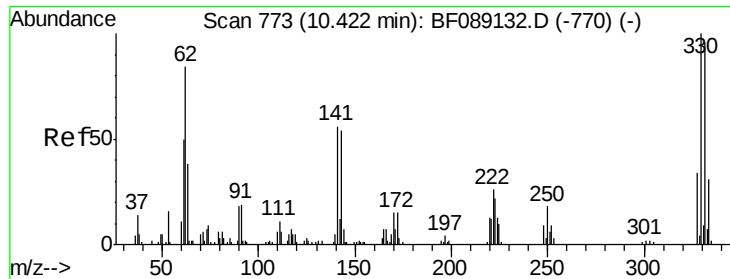


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

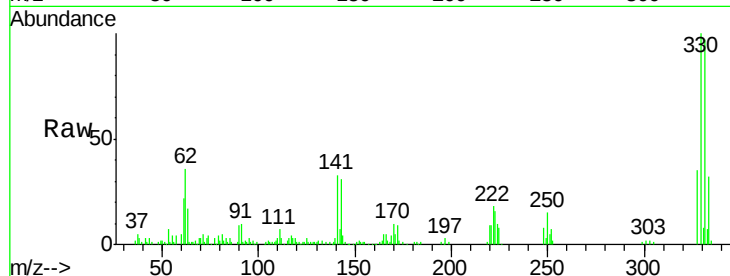




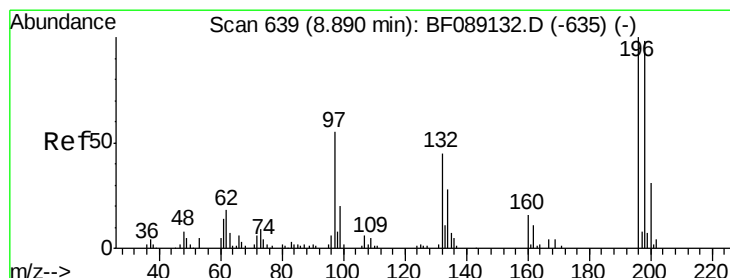
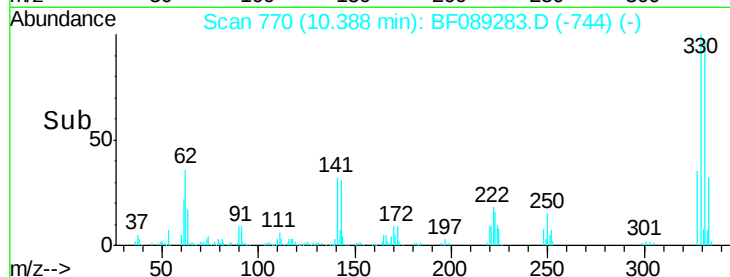
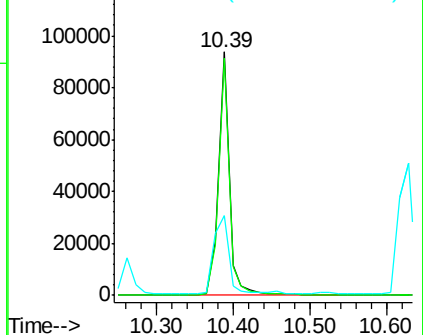
#41
 2,4,6-Tribromophenol
 Concen: 106.93 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

Tot Ion:330 Resp: 94084
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.2 115.8
 141 44.0 42.2 63.2

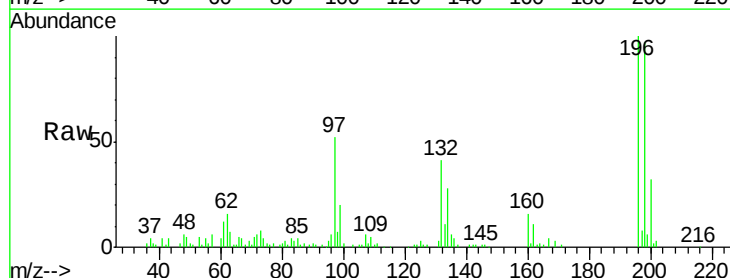


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

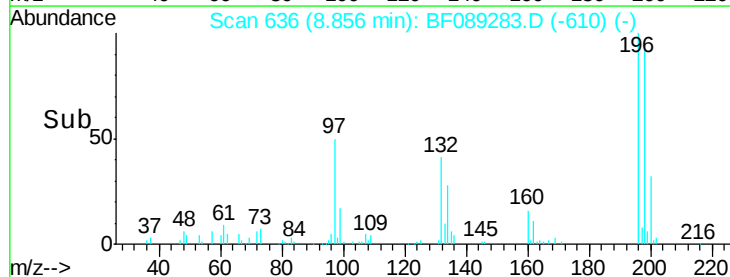
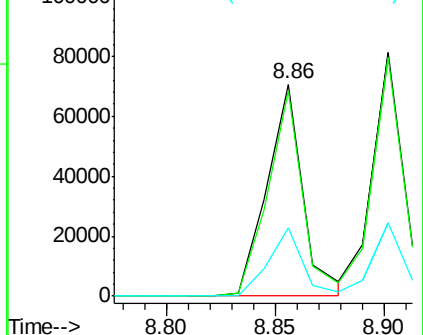


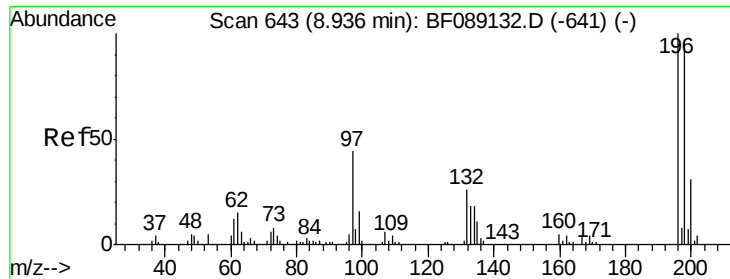
#42
 2,4,6-Trichlorophenol
 Concen: 40.07 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion:196 Resp: 81467
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.3 117.5
 200 32.4 25.0 37.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

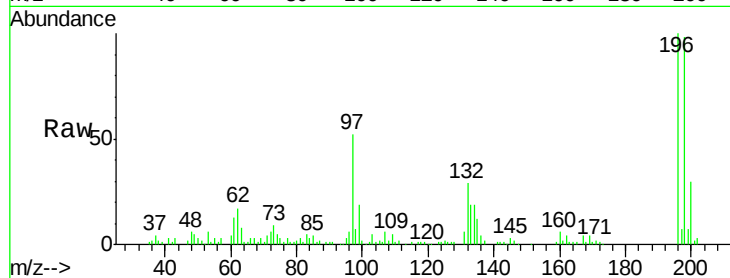




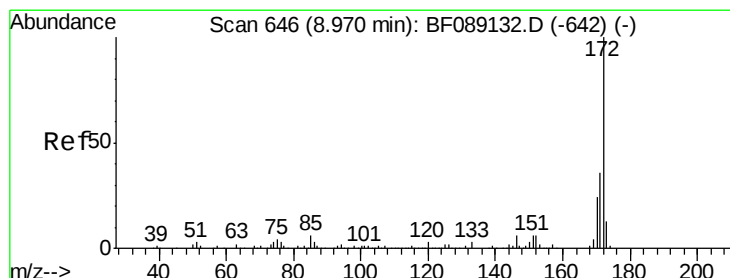
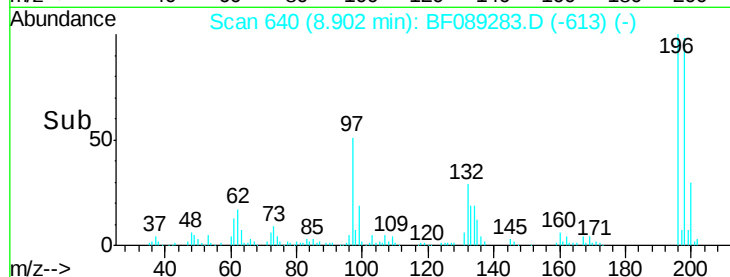
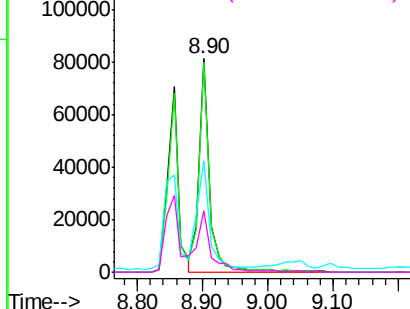
#43
 2,4,5-Trichlorophenol
 Concen: 45.32 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

Tot Ion:196 Resp: 92491
 Ion Ratio Lower Upper
 196 100
 198 98.1 77.6 116.4
 97 51.9 36.5 54.7
 132 28.8 21.2 31.8

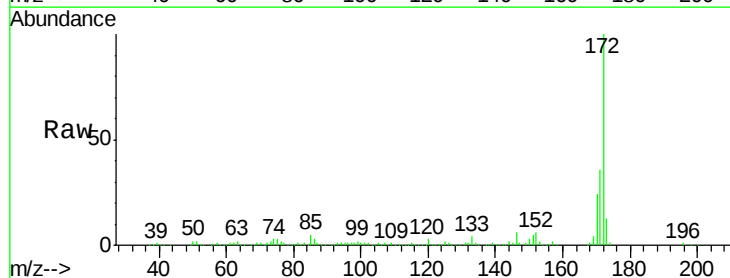


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

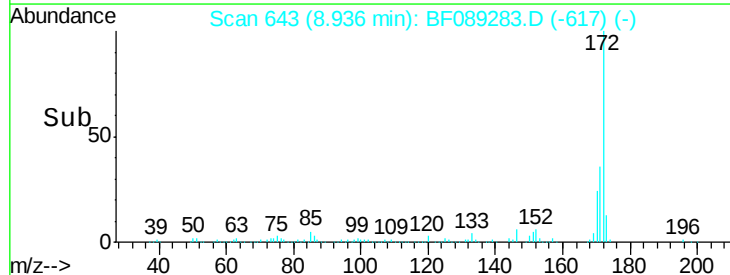
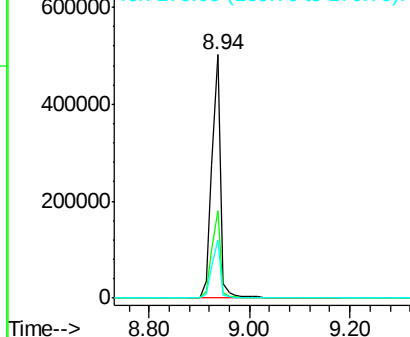


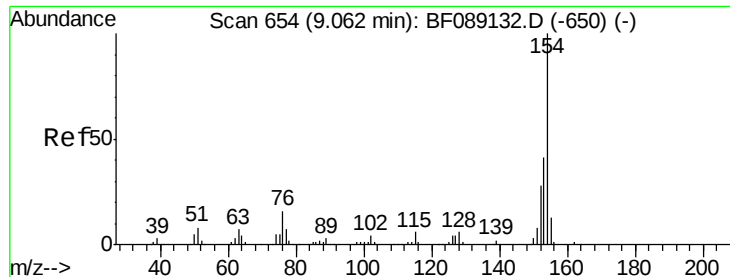
#44
 2-Fluorobiphenyl
 Concen: 85.32 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion:172 Resp: 605169
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.7 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.62 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

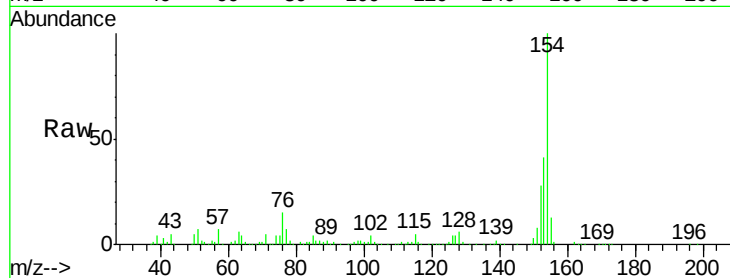
Tot Ion:154 Resp: 357480

Ion Ratio Lower Upper

154 100

153 41.3 21.1 61.1

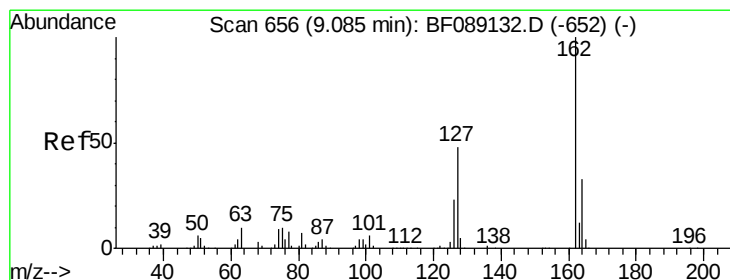
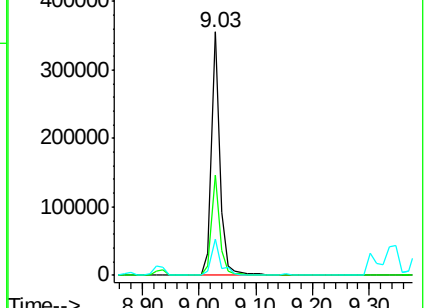
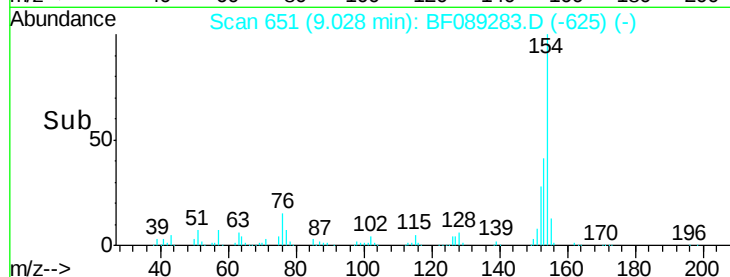
76 14.9 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.48 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

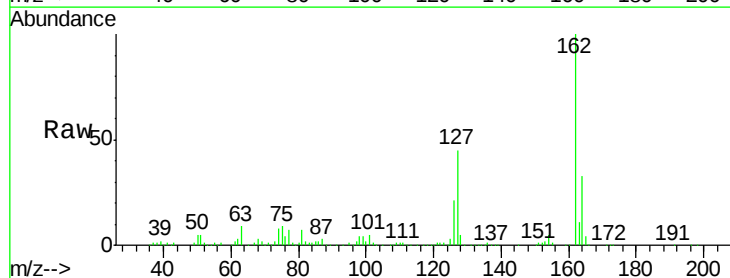
Tgt Ion:162 Resp: 290764

Ion Ratio Lower Upper

162 100

127 45.4 38.1 57.1

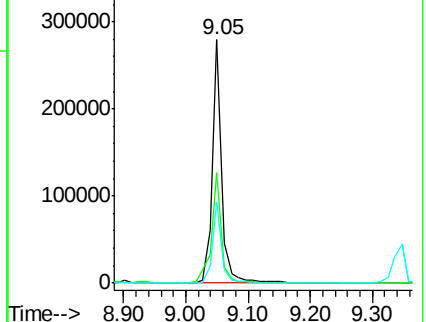
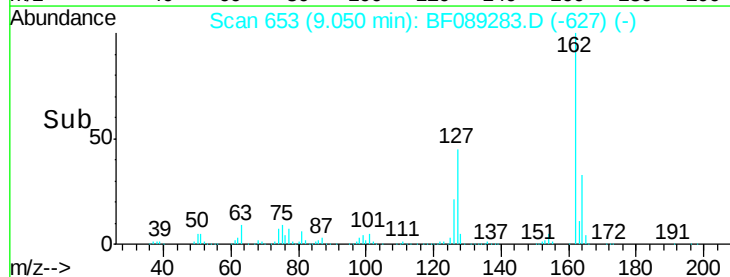
164 33.1 26.1 39.1

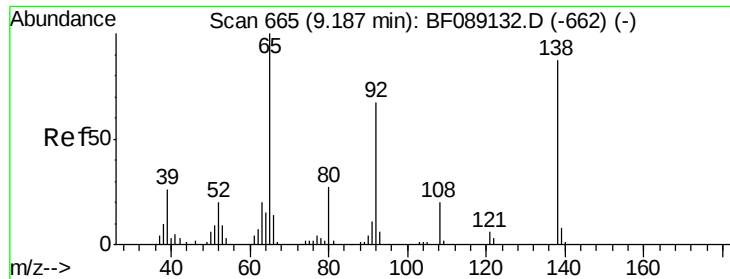


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

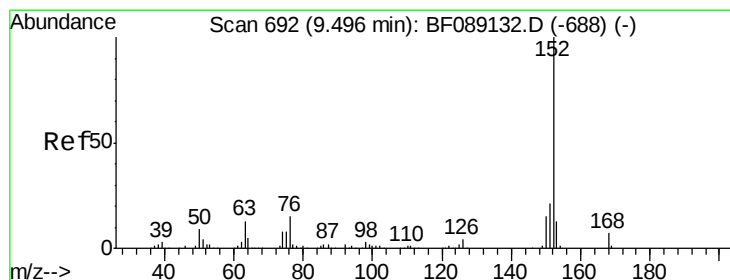
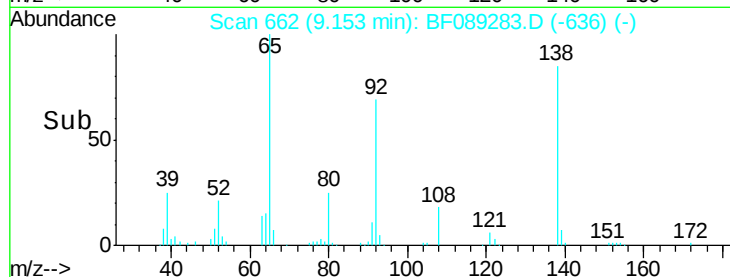
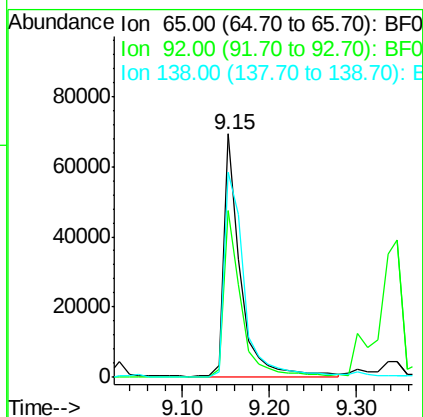
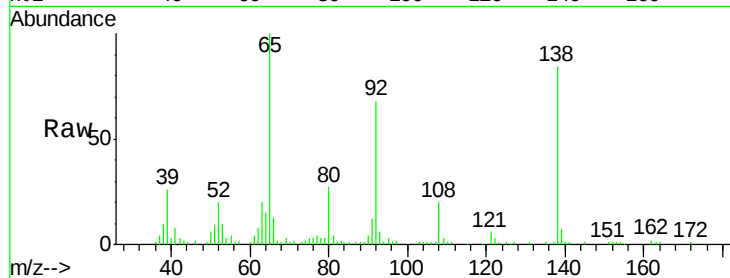




#47
2-Nitroaniline
Concen: 40.94 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

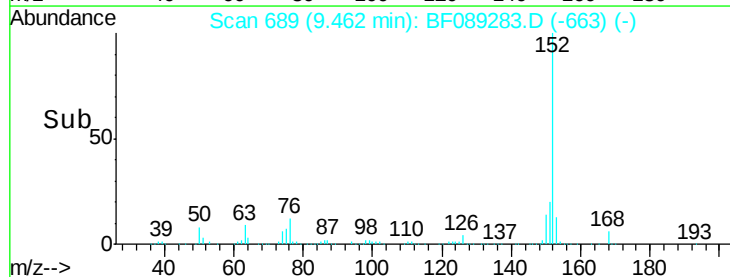
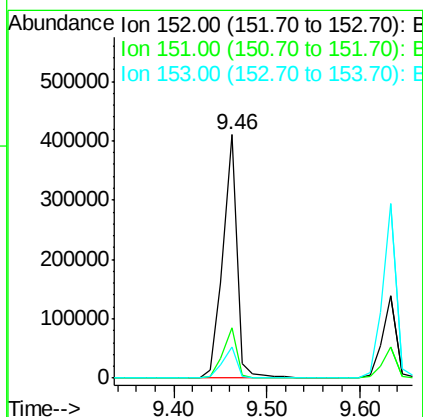
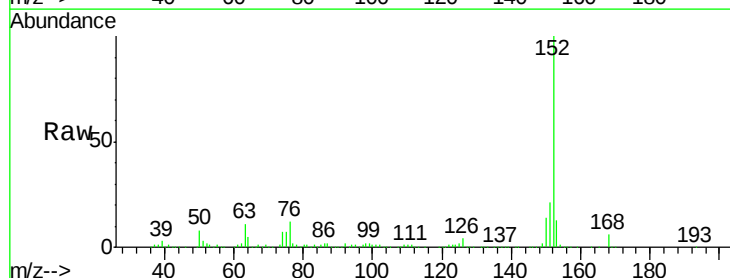
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

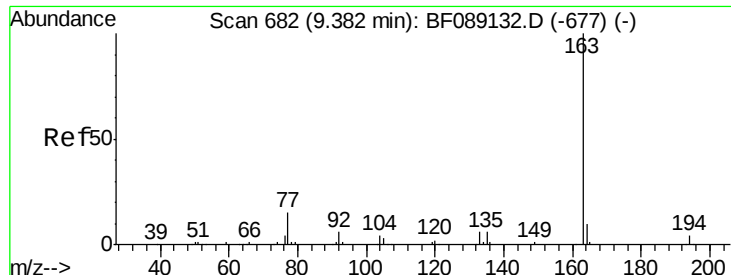
Tot Ion: 65 Resp: 93920
Ion Ratio Lower Upper
65 100
92 68.3 53.2 79.8
138 84.4 69.4 104.2



#48
Acenaphthylene
Concen: 40.90 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion: 152 Resp: 430086
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 12.9 10.7 16.1

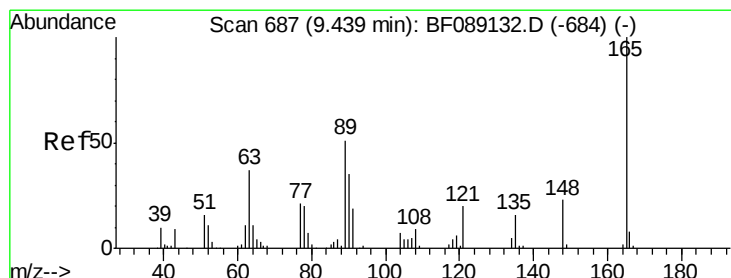
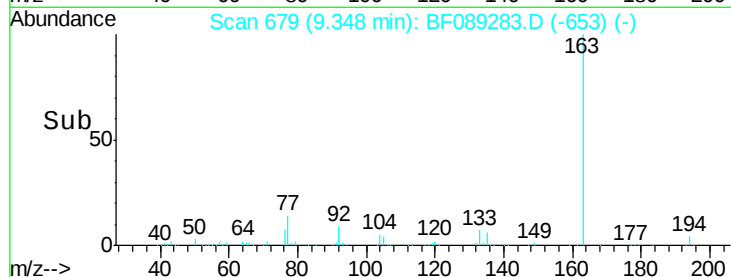
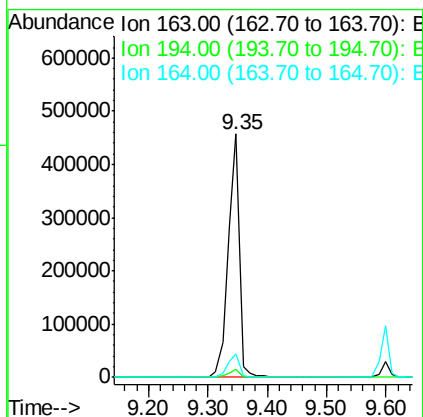
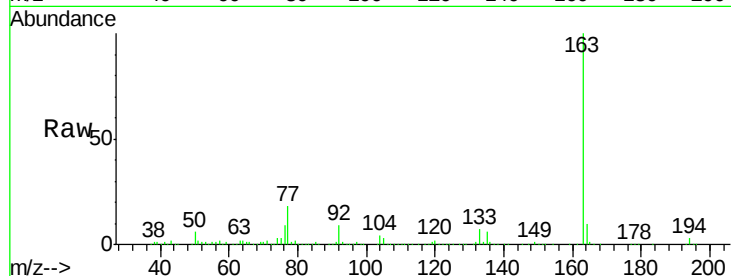




#49
Dimethylphthalate
Concen: 79.05 ng
RT: 9.35 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

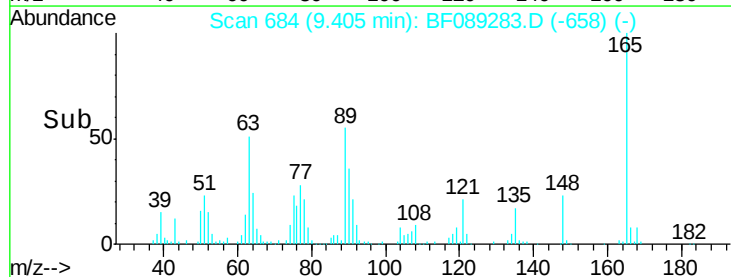
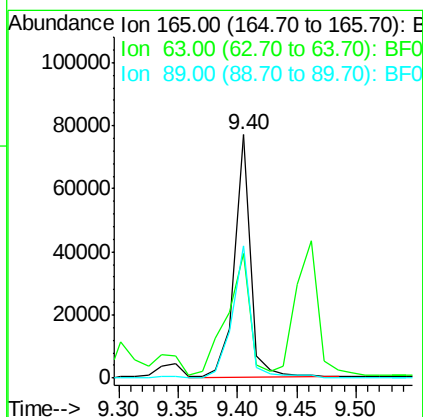
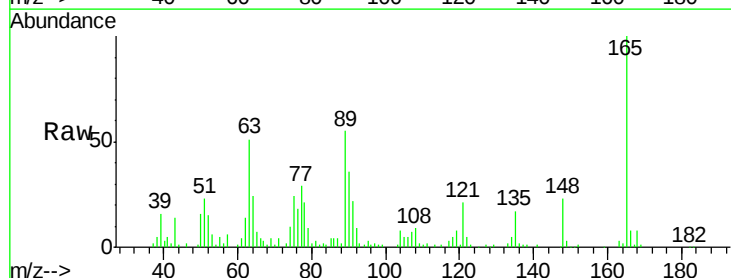
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

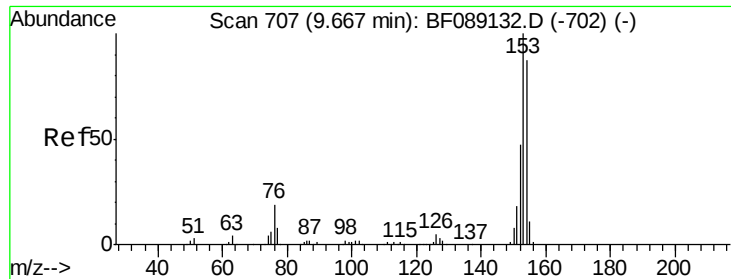
Tot Ion:163 Resp: 592818
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.8 7.6 11.4



#50
2,6-Dinitrotoluene
Concen: 42.92 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion:165 Resp: 72660
Ion Ratio Lower Upper
165 100
63 51.0 37.0 55.4
89 54.5 40.9 61.3





#51

Acenaphthene

Concen: 42.38 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

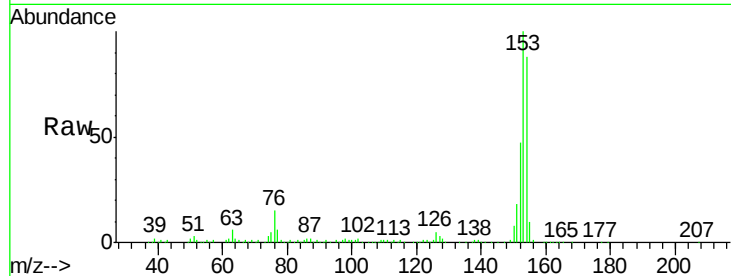
Tot Ion:154 Resp: 263584

Ion Ratio Lower Upper

154 100

153 114.0 91.9 137.9

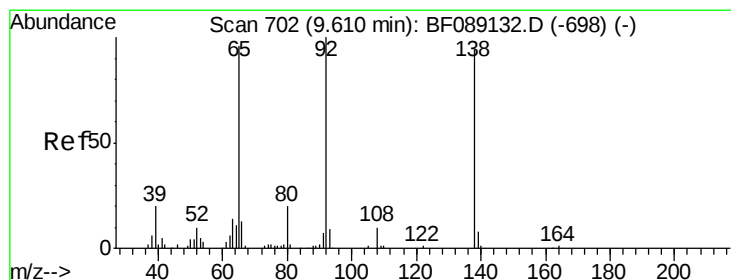
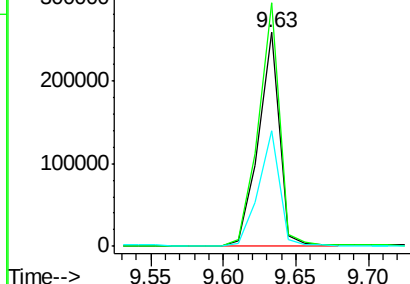
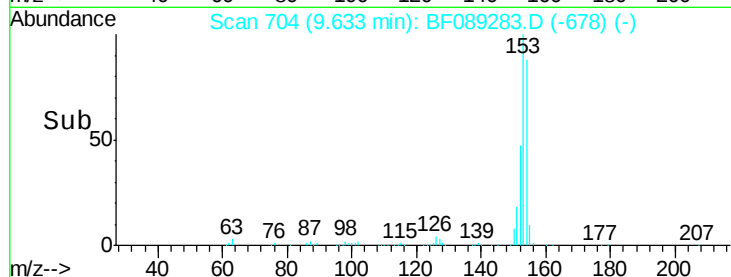
152 54.0 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.60 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

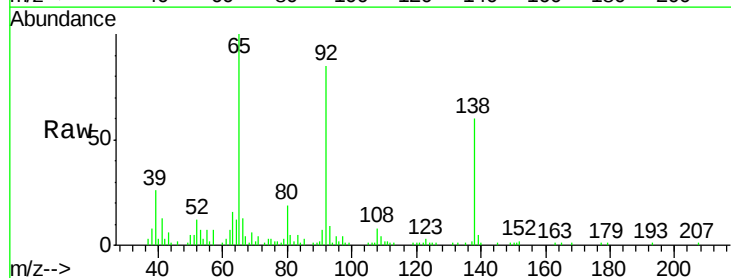
Tgt Ion:138 Resp: 61517

Ion Ratio Lower Upper

138 100

108 12.6 8.8 13.2

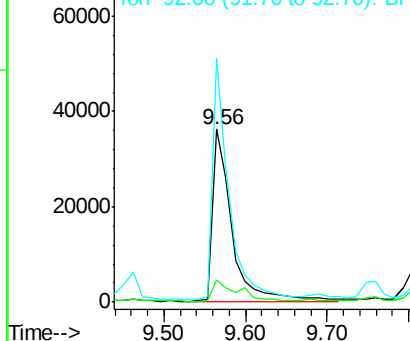
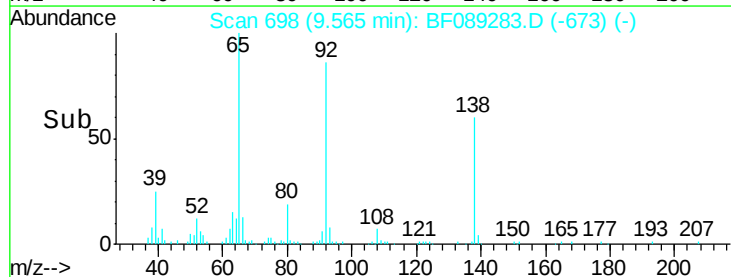
92 141.0 85.3 127.9#

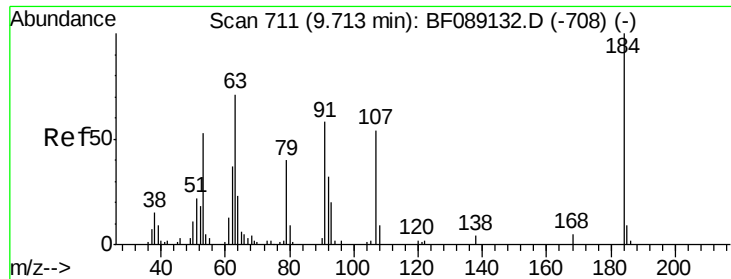


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

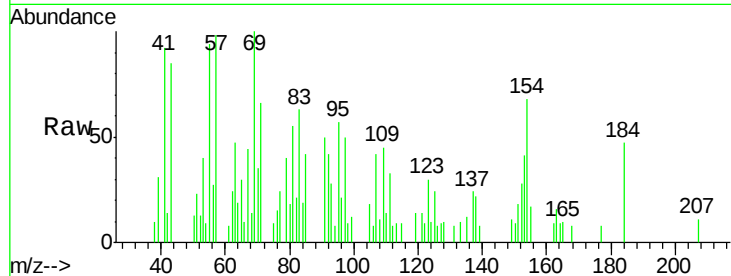




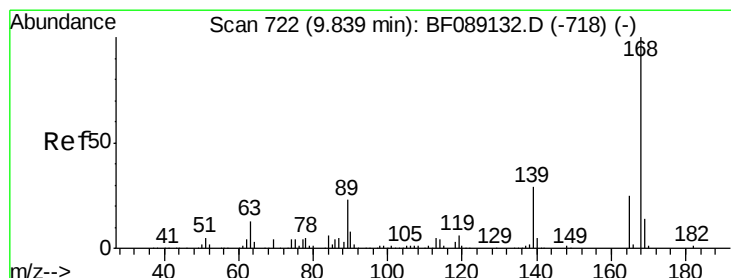
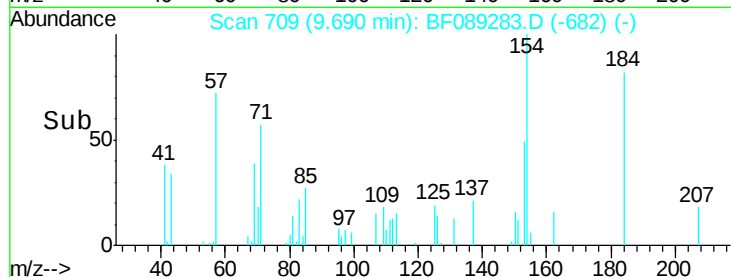
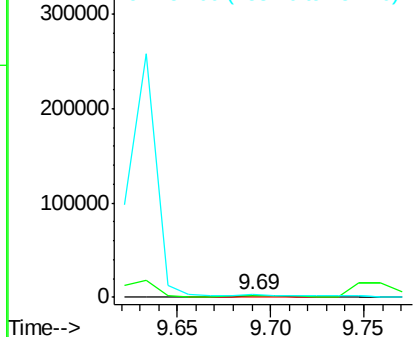
#53
2,4-Dinitrophenol
Concen: 12.61 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

Tot Ion:184 Resp: 3941
Ion Ratio Lower Upper
184 100
63 98.1 60.3 90.5#
154 142.2 60.7 91.1#

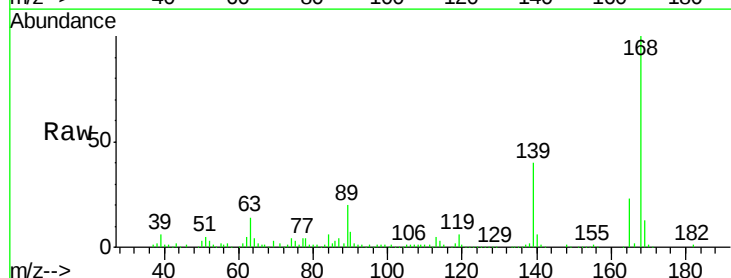


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

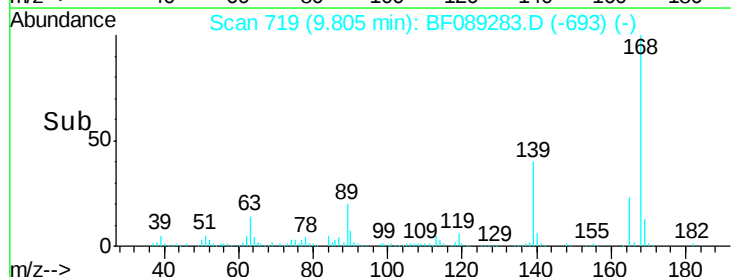
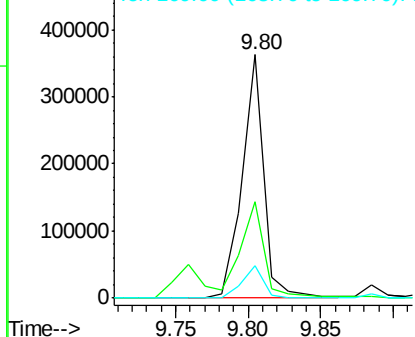


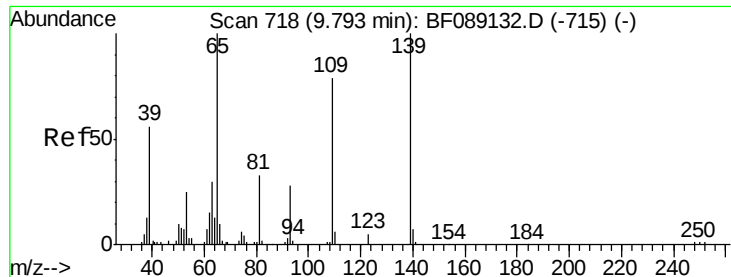
#54
Dibenzofuran
Concen: 44.73 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion:168 Resp: 375885
Ion Ratio Lower Upper
168 100
139 39.7 34.4 51.6
169 13.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

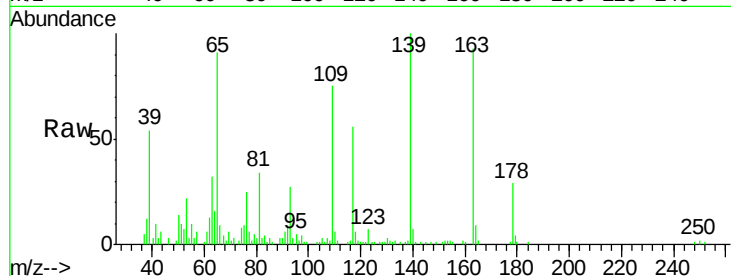




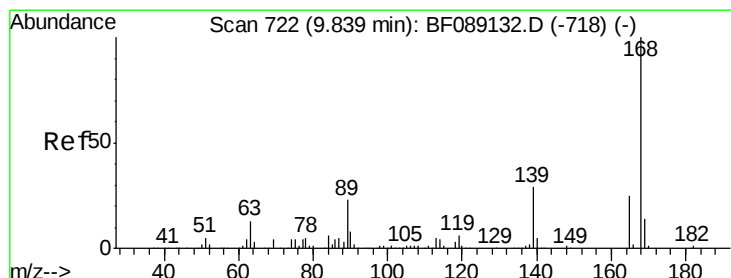
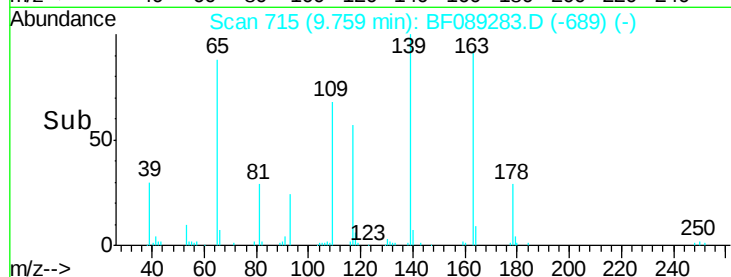
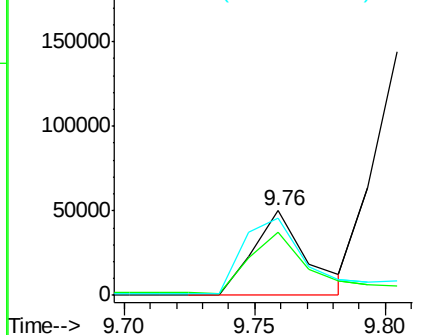
#55
4-Nitrophenol
Concen: 57.37 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

Tot Ion:139 Resp: 69795
Ion Ratio Lower Upper
139 100
109 74.6 58.7 98.7
65 91.0 80.2 120.2

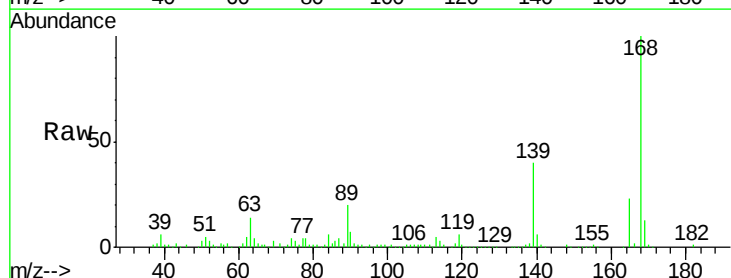


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

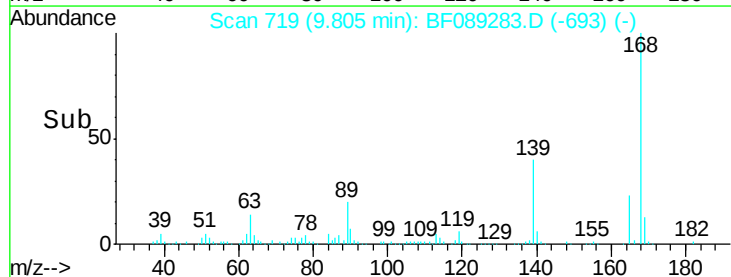
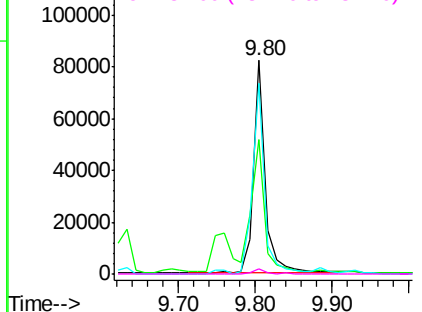


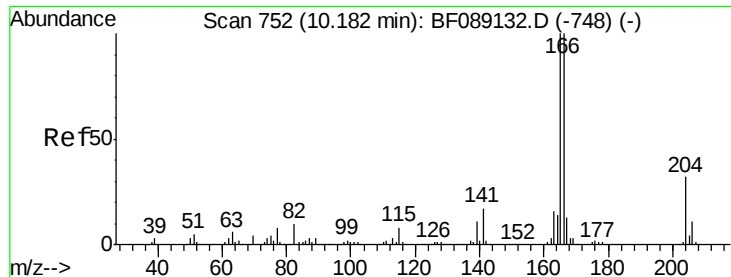
#56
2,4-Dinitrotoluene
Concen: 39.50 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion:165 Resp: 86135
Ion Ratio Lower Upper
165 100
63 63.1 55.4 83.2
89 89.1 74.3 111.5
182 2.4 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

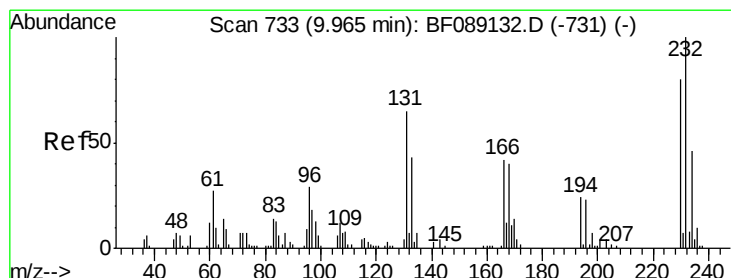
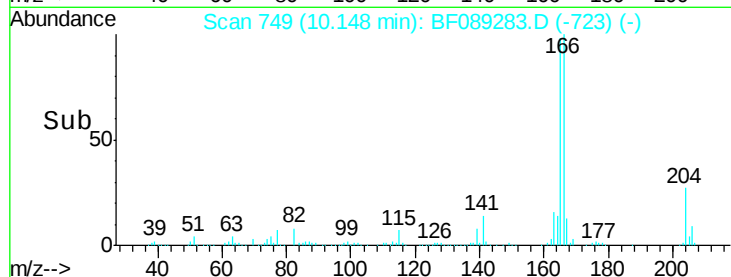
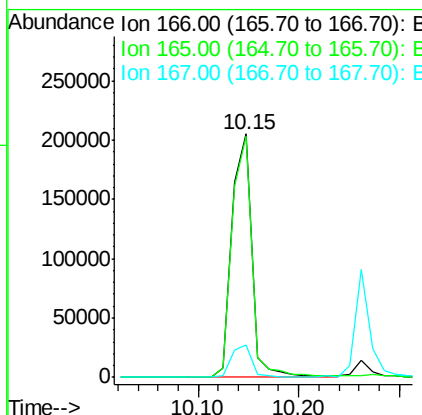
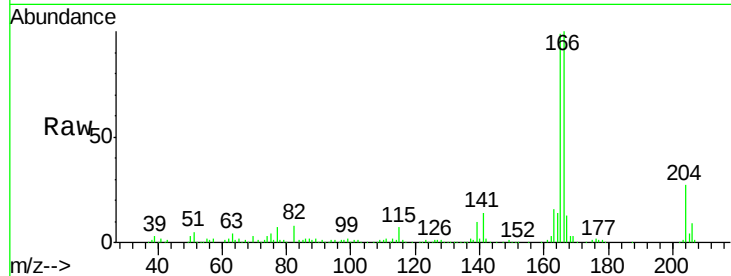




#57
 Fluorene
 Concen: 39.73 ng
 RT: 10.15 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

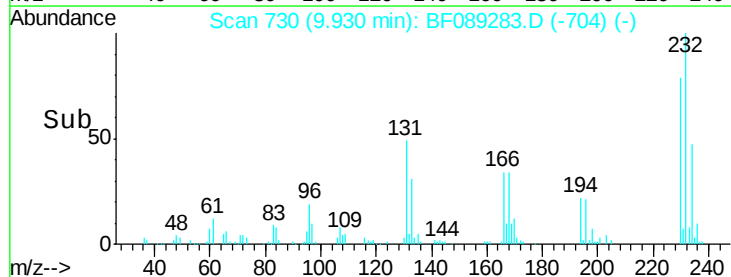
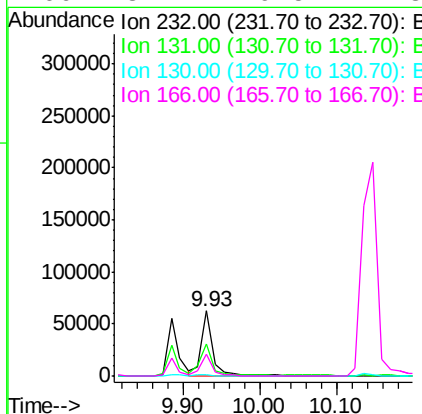
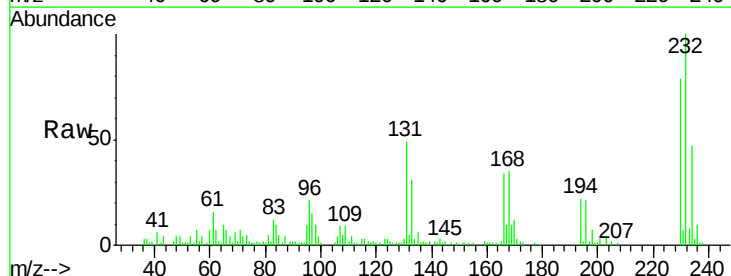
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

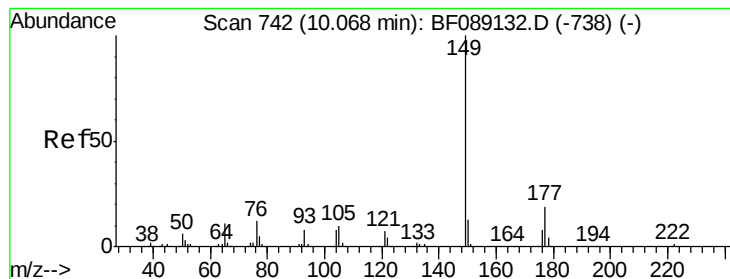
Tot Ion:166 Resp: 283448
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.9 119.9
 167 13.1 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.18 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion:232 Resp: 63287
 Ion Ratio Lower Upper
 232 100
 131 54.4 46.2 69.2
 130 3.2 2.3 3.5
 166 34.1 29.5 44.3





#59

Diethylphthalate

Concen: 42.16 ng

RT: 10.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

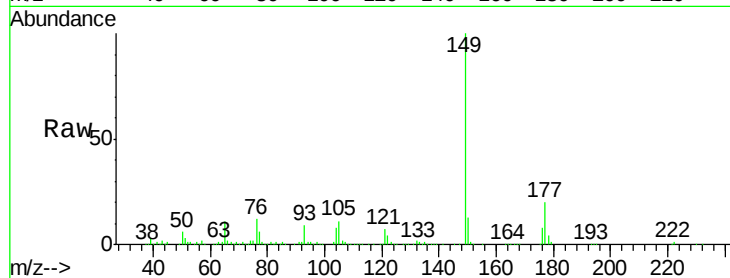
Tot Ion:149 Resp: 313463

Ion Ratio Lower Upper

149 100

177 19.7 15.6 23.4

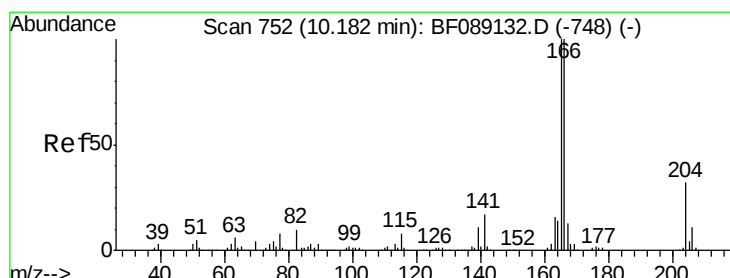
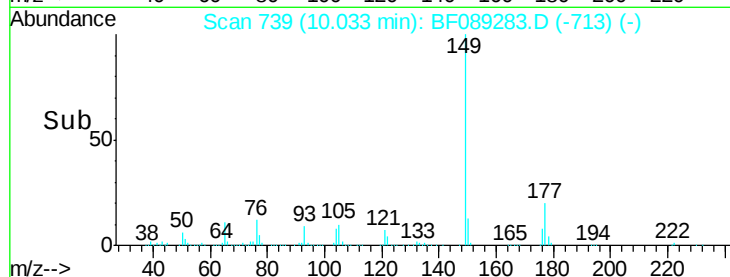
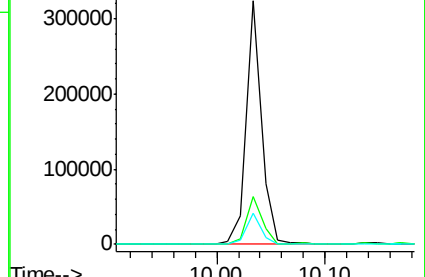
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.17 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

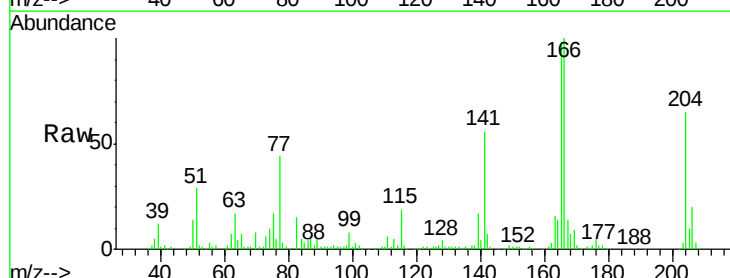
Tgt Ion:204 Resp: 124319

Ion Ratio Lower Upper

204 100

206 31.2 26.2 39.4

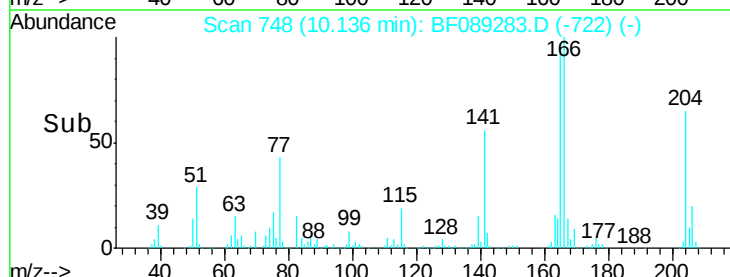
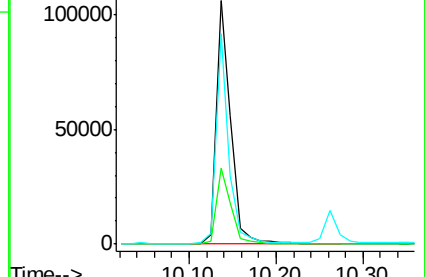
141 86.6 42.2 63.4#

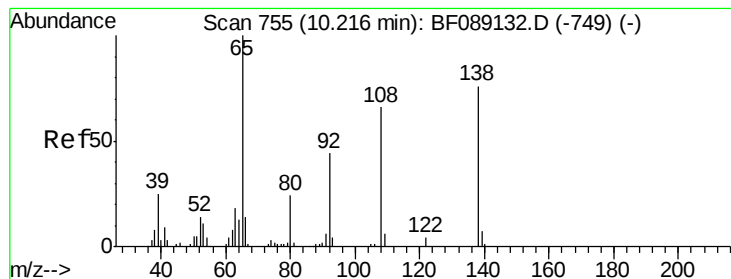


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.03 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

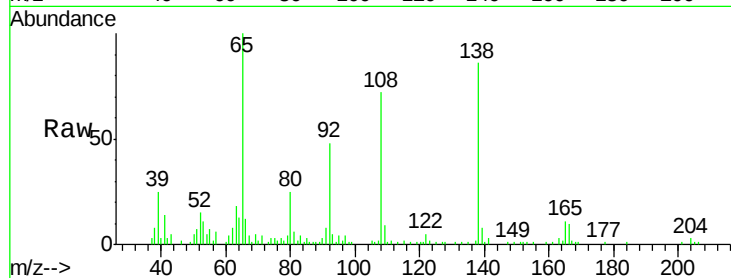
Tot Ion:138 Resp: 70490

Ion Ratio Lower Upper

138 100

92 55.6 37.2 77.2

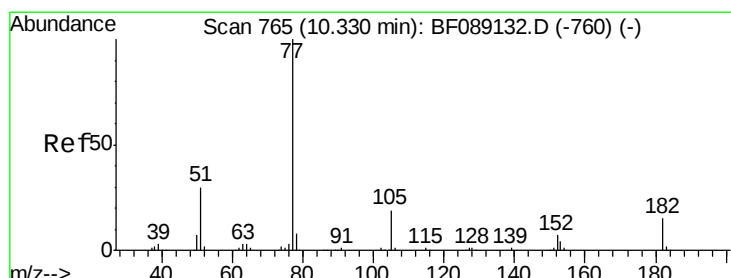
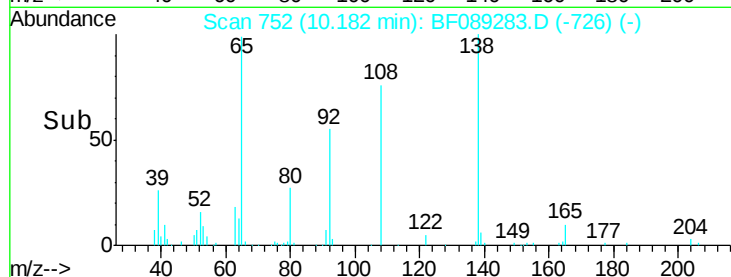
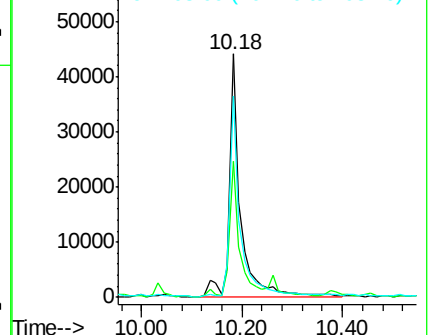
108 82.9 66.1 106.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.28 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Tgt Ion: 77 Resp: 349737

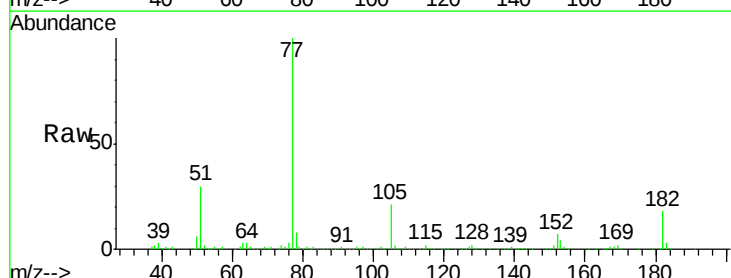
Ion Ratio Lower Upper

77 100

182 17.5 0.0 35.0

105 20.5 0.0 39.4

51 30.2 10.7 50.7

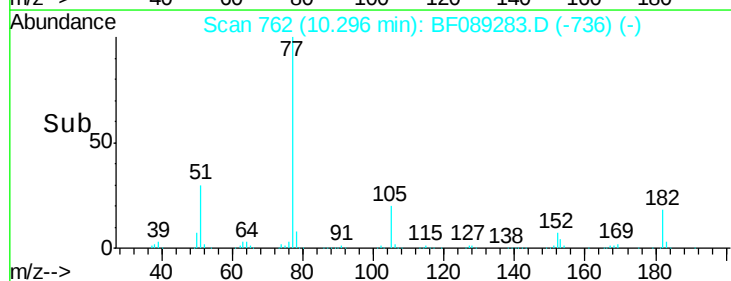
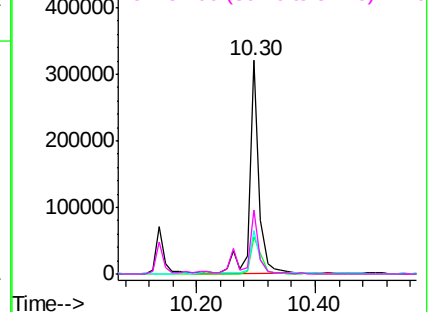


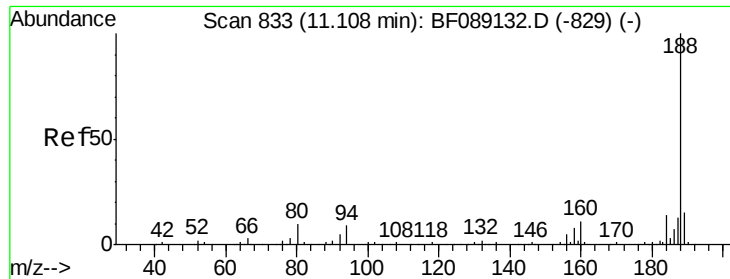
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

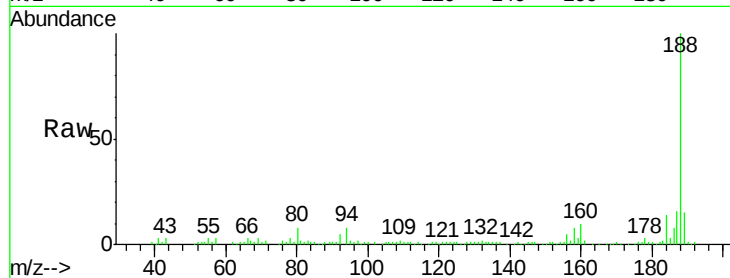




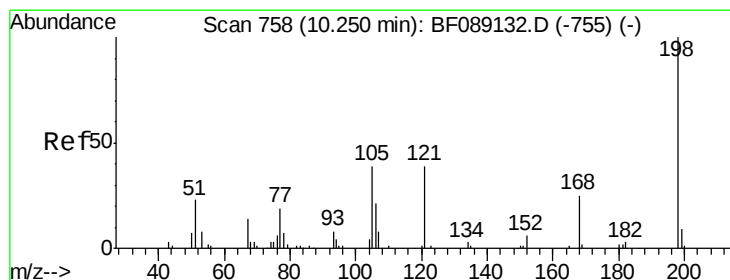
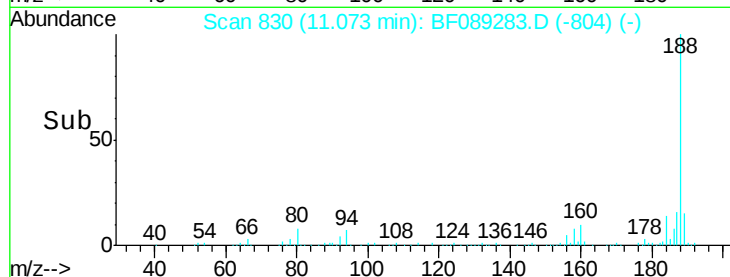
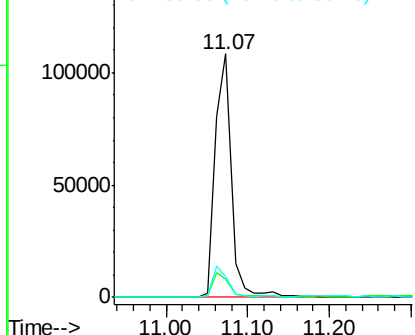
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

Tot Ion:188 Resp: 150721
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.4 7.7 11.5

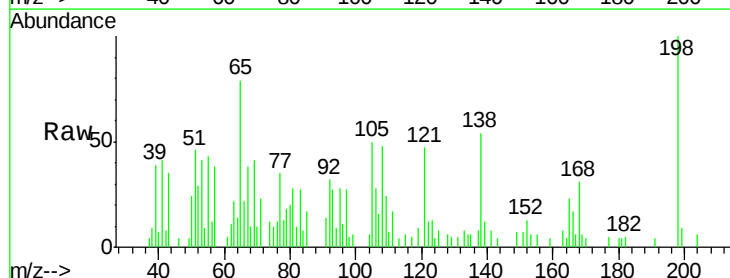


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

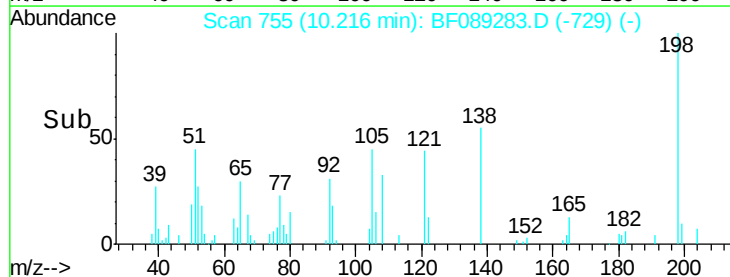
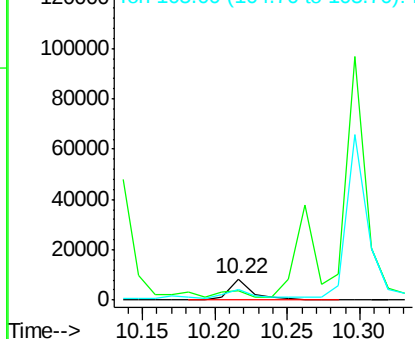


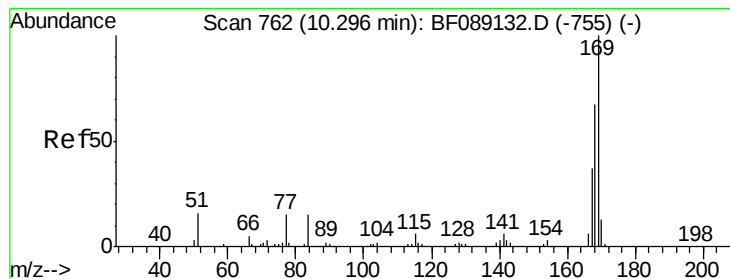
#64
4,6-Dinitro-2-methylphenol
Concen: 11.00 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion:198 Resp: 9656
Ion Ratio Lower Upper
198 100
51 46.4 11.7 51.7
105 50.0 20.3 60.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

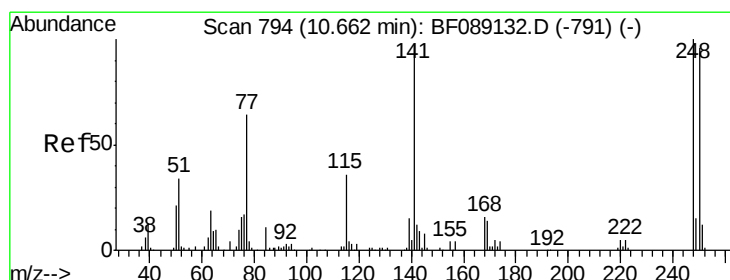
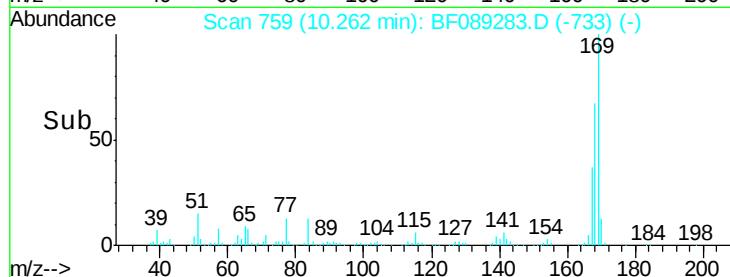
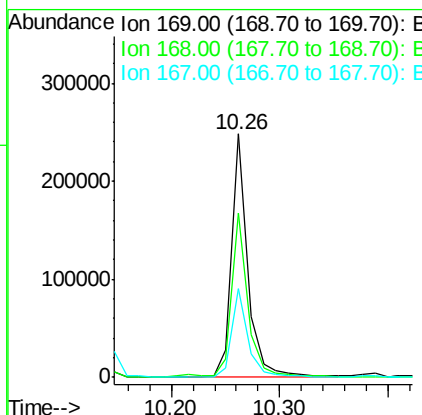
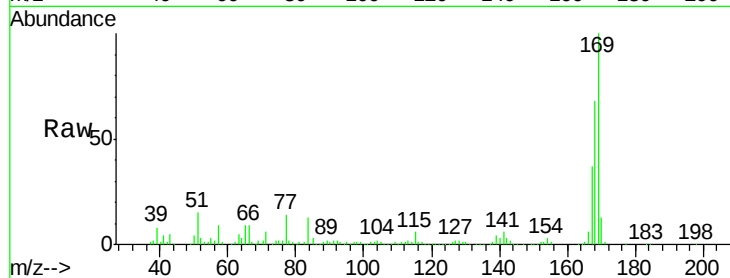




#65
 n-Nitrosodiphenylamine
 Concen: 49.94 ng
 RT: 10.26 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

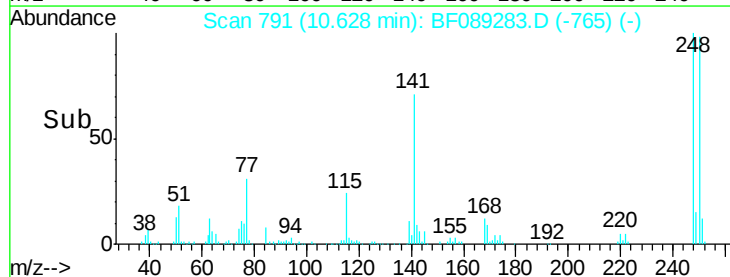
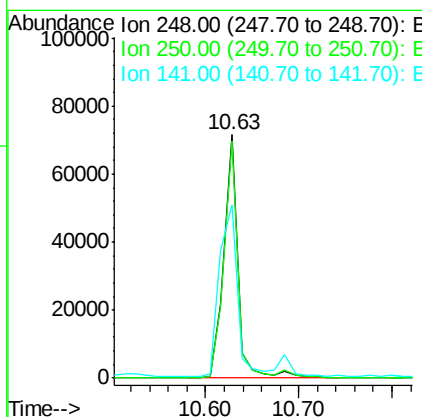
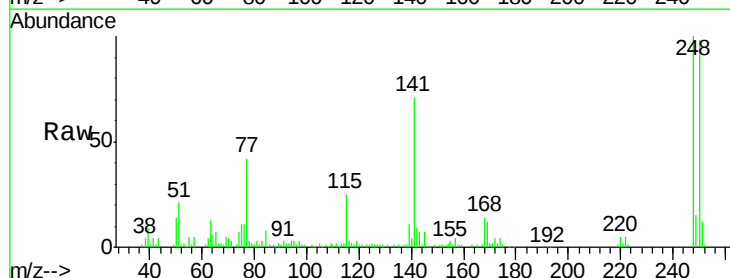
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

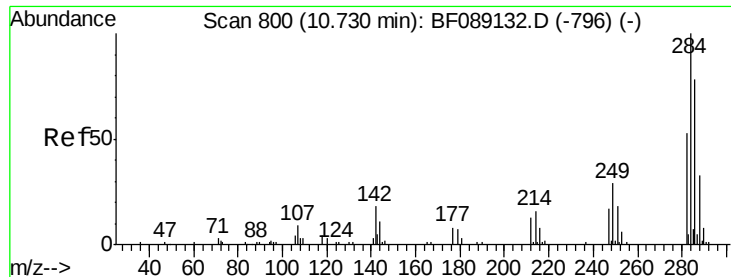
Tot Ion:169 Resp: 251551
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.4 80.0
 167 36.5 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 50.22 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion:248 Resp: 74899
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.9 115.3
 141 71.3 77.4 116.2#

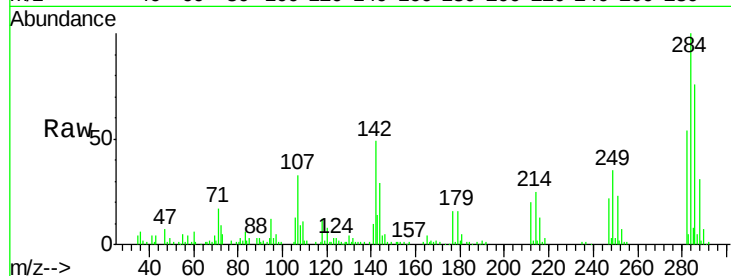




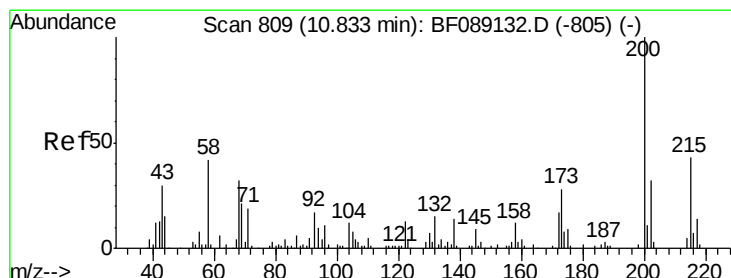
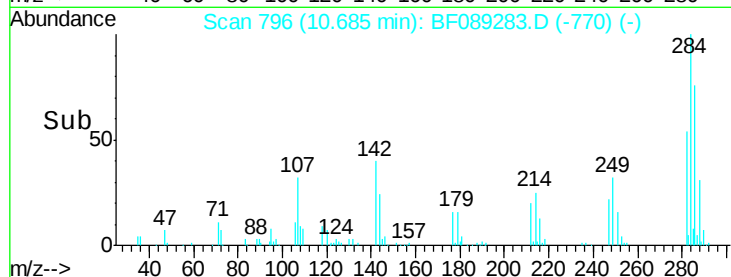
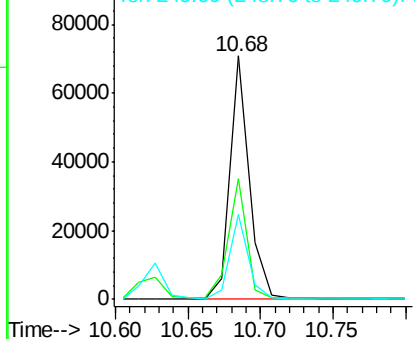
#67
Hexachlorobenzene
Concen: 40.83 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

Tot Ion:284 Resp: 65505
Ion Ratio Lower Upper
284 100
142 49.5 14.1 21.1#
249 35.0 23.0 34.4#

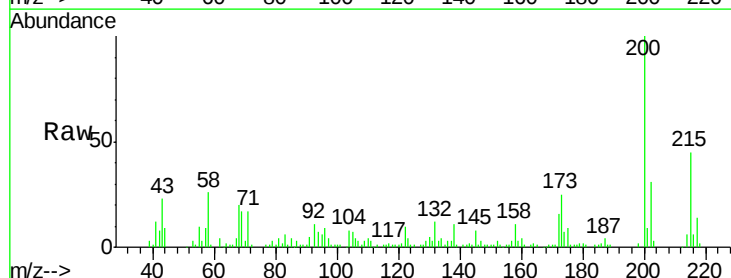


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

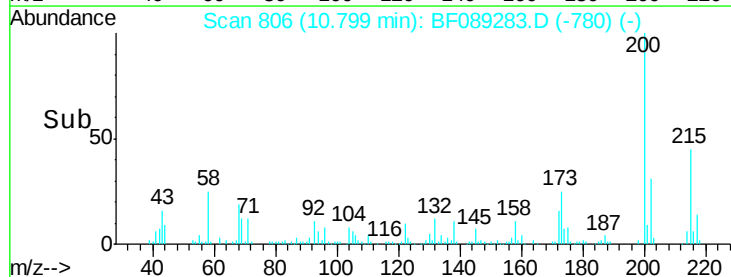
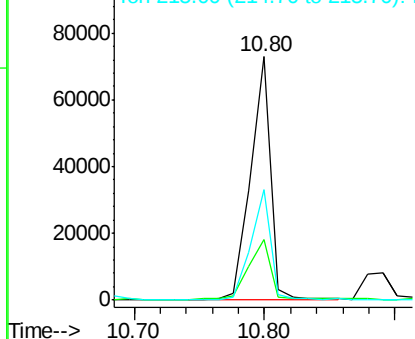


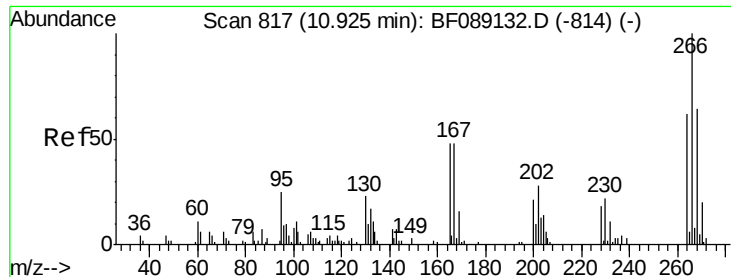
#68
Atrazine
Concen: 49.27 ng
RT: 10.80 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion:200 Resp: 77619
Ion Ratio Lower Upper
200 100
173 24.9 7.8 47.8
215 45.4 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

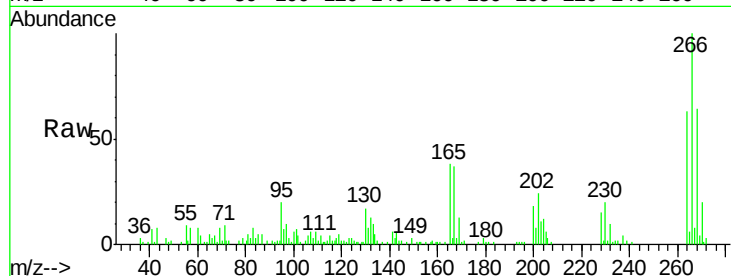




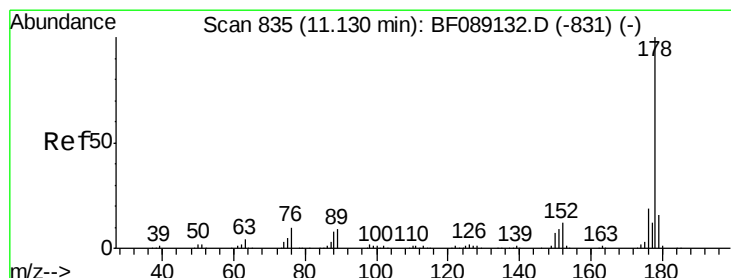
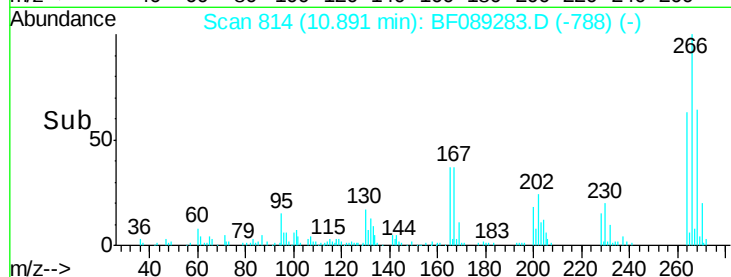
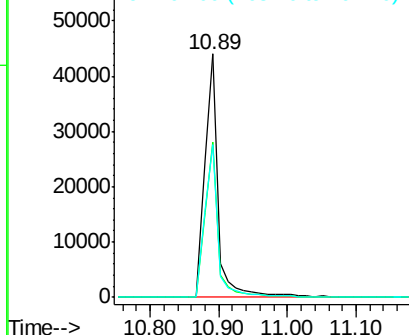
#69
 Pentachlorophenol
 Concen: 79.51 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

Tot Ion:266 Resp: 58842
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.2 76.8
 264 62.9 49.7 74.5

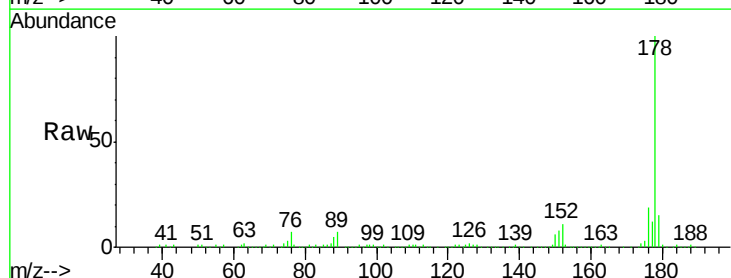


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

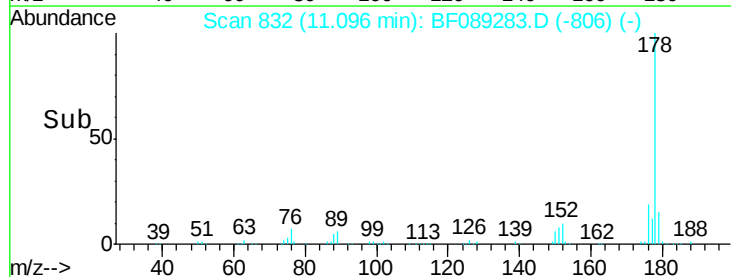
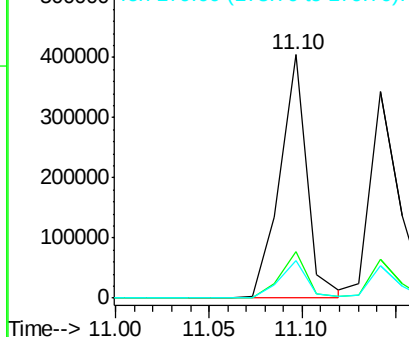


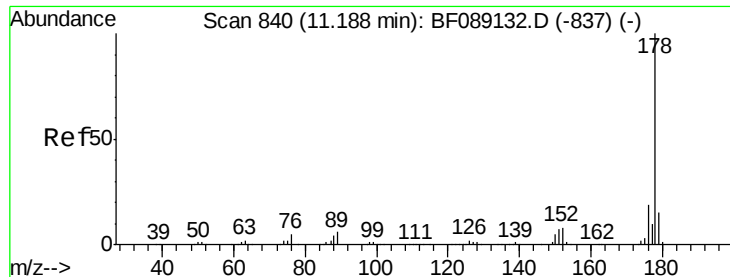
#70
 Phenanthrene
 Concen: 49.34 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion:178 Resp: 407914
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

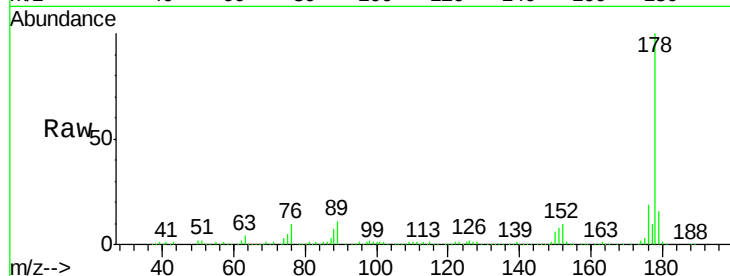




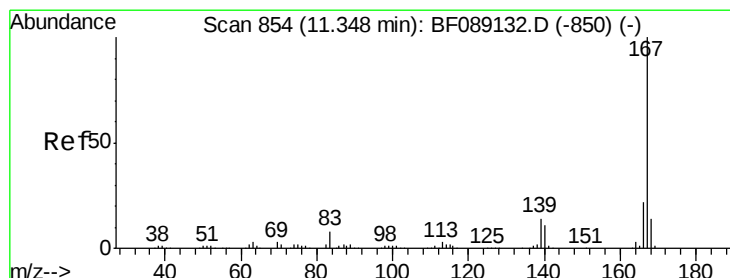
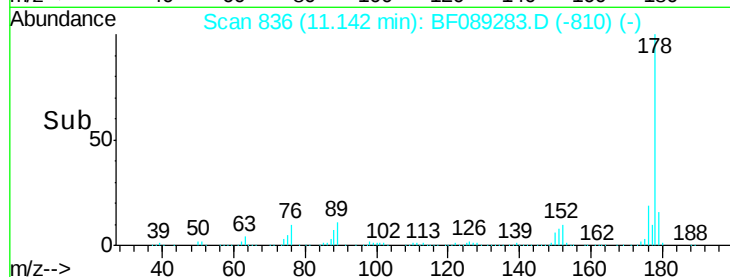
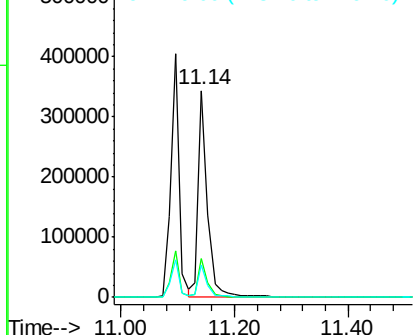
#71
 Anthracene
 Concen: 45.24 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

Tot Ion:178 Resp: 388787
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.9 22.3
 179 15.8 12.0 18.0

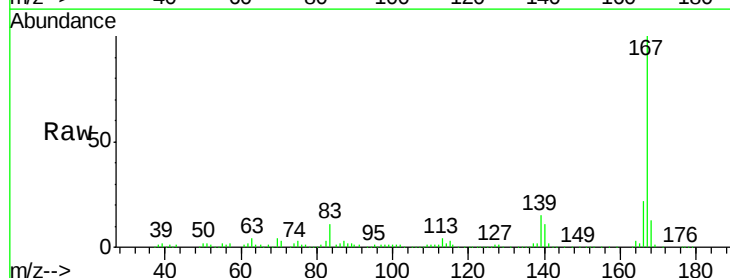


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

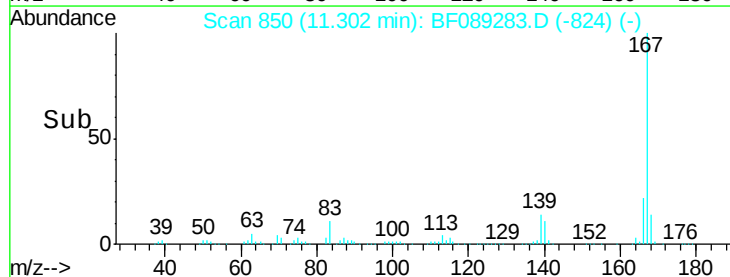
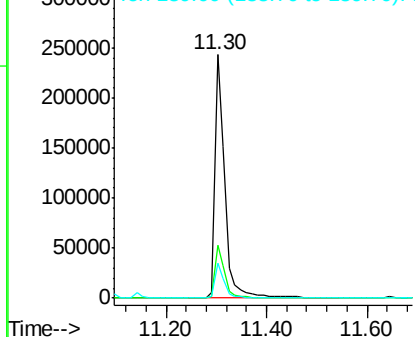


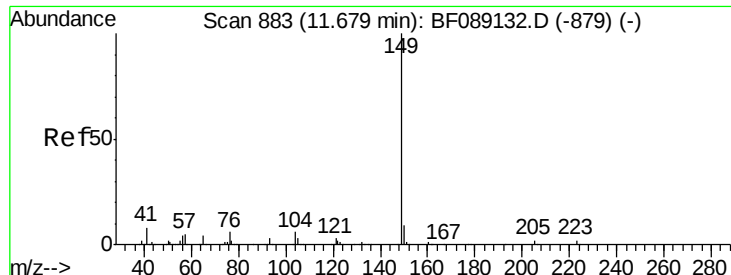
#72
 Carbazole
 Concen: 43.89 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion:167 Resp: 331279
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.6 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.07 ng

RT: 11.64 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

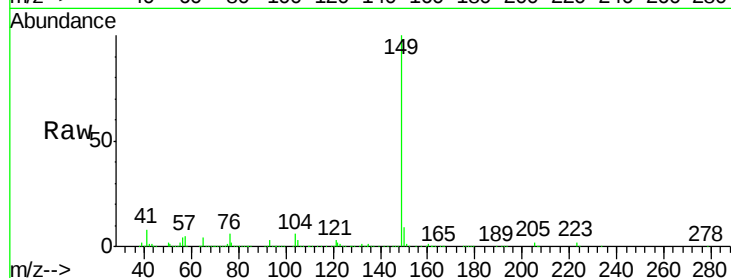
Tot Ion:149 Resp: 439448

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

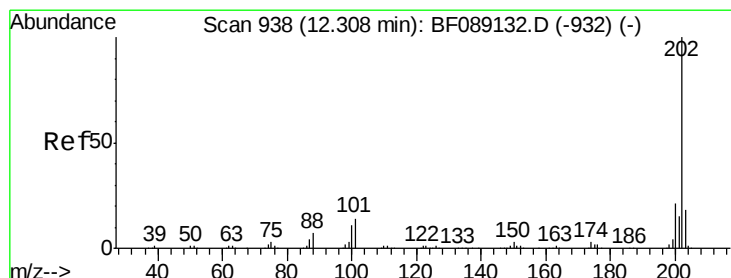
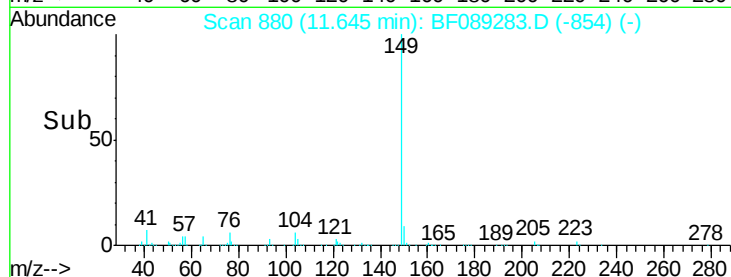
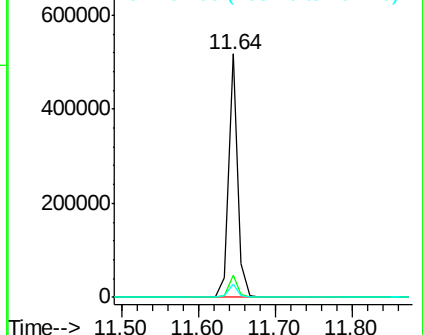
104 5.7 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.95 ng

RT: 12.27 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

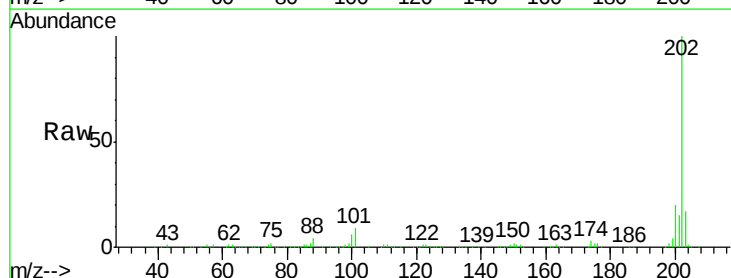
Tgt Ion:202 Resp: 399317

Ion Ratio Lower Upper

202 100

101 8.8 0.0 34.0

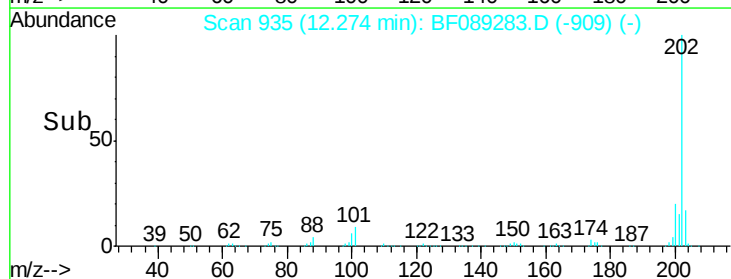
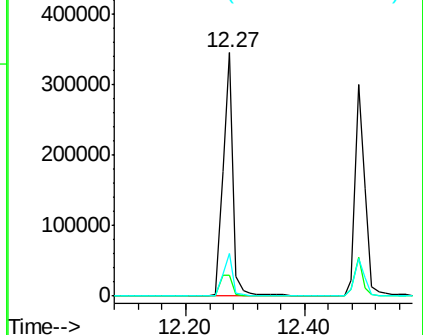
203 17.3 0.0 37.8

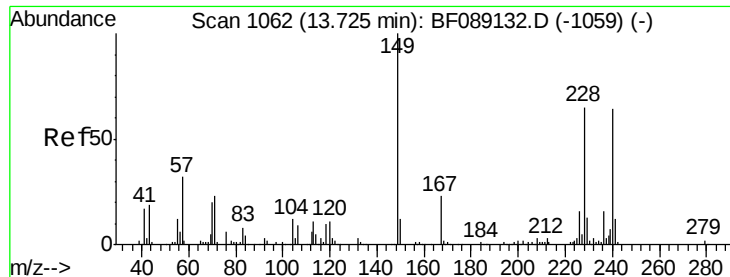


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

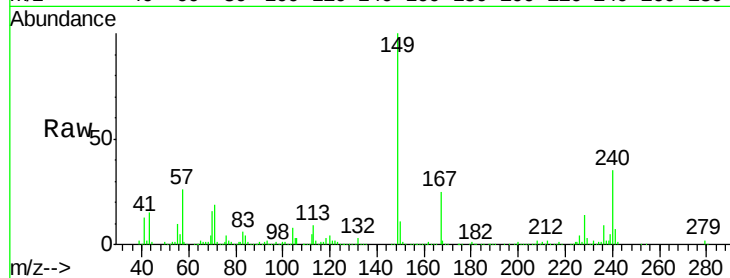
Tot Ion:240 Resp: 103667

Ion Ratio Lower Upper

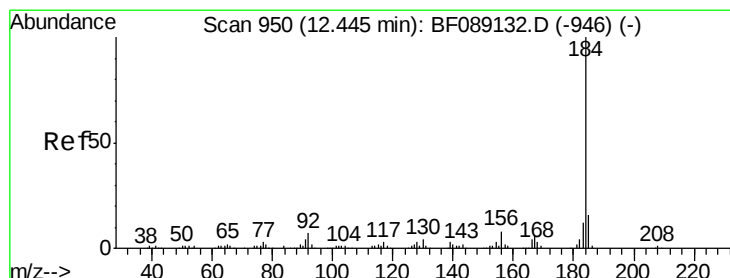
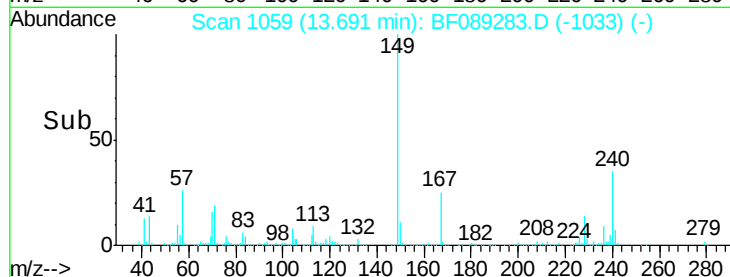
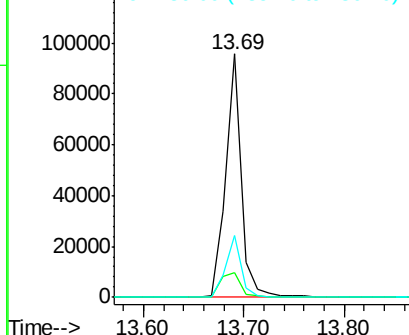
240 100

120 10.2 13.6 20.4#

236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.24 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

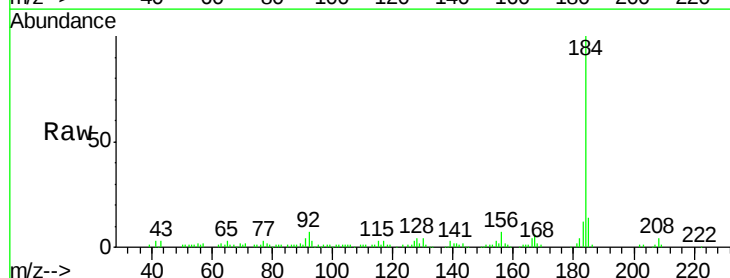
Tgt Ion:184 Resp: 161220

Ion Ratio Lower Upper

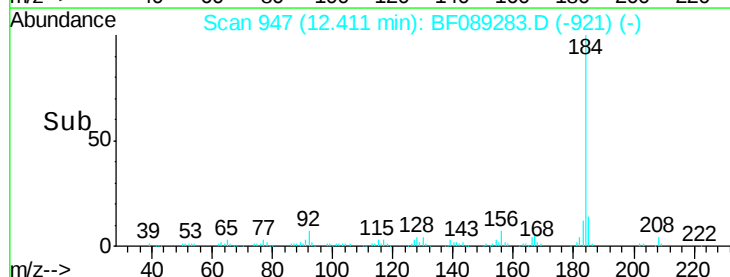
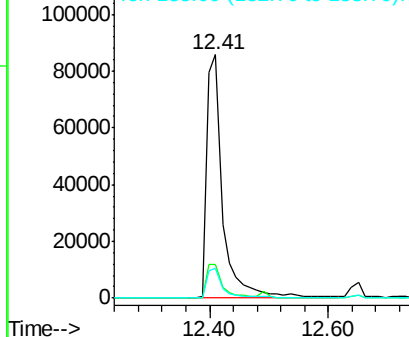
184 100

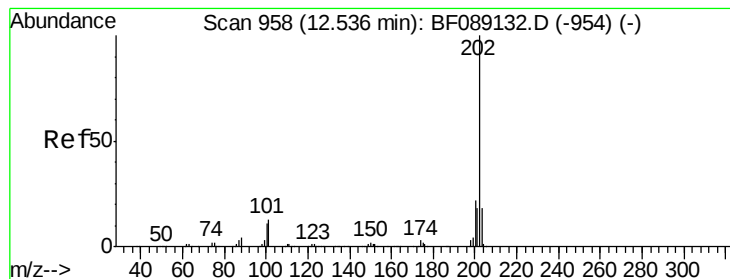
185 13.9 12.5 18.7

183 12.3 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.30 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

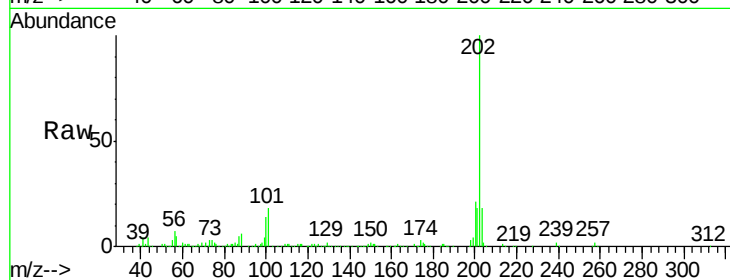
Tot Ion:202 Resp: 345037

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.0

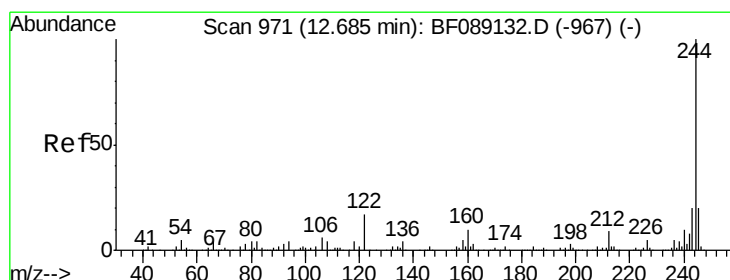
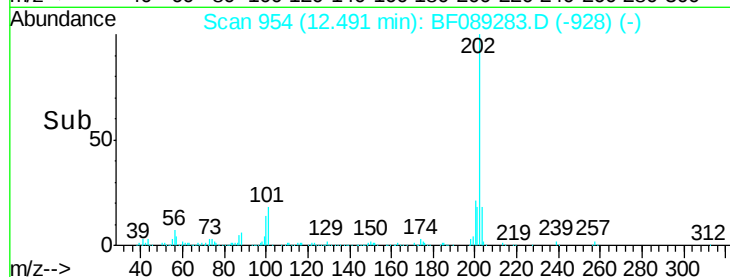
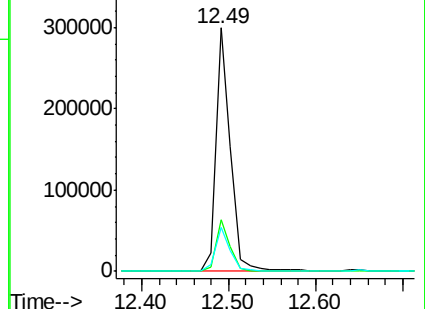
203 18.0 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.35 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

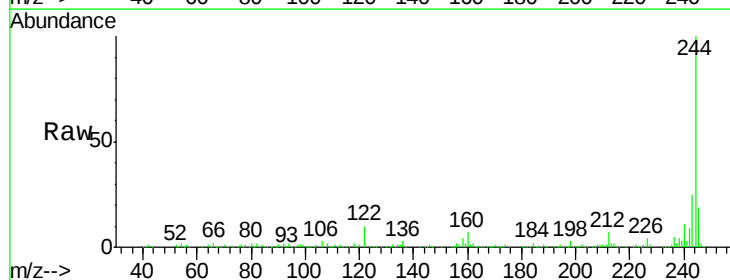
Tgt Ion:244 Resp: 403157

Ion Ratio Lower Upper

244 100

212 7.3 7.0 10.4

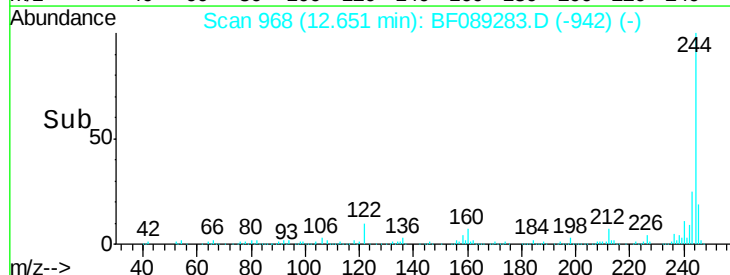
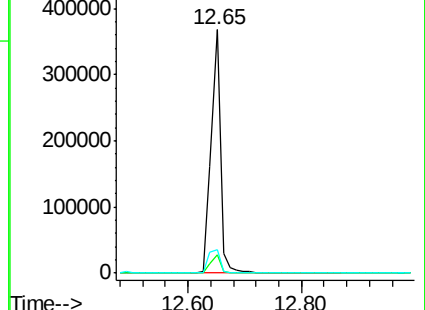
122 9.8 13.8 20.8#

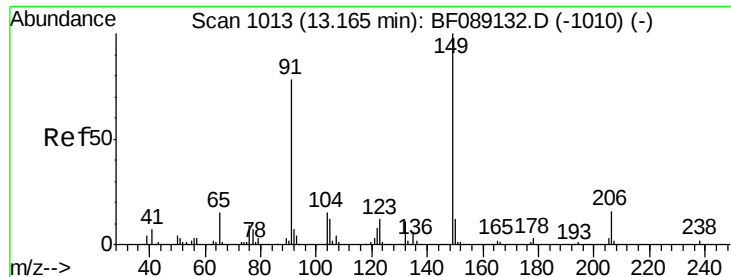


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

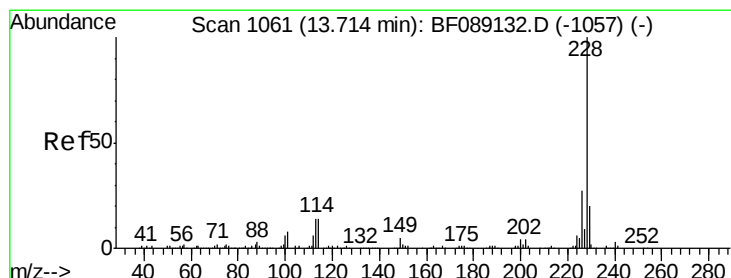
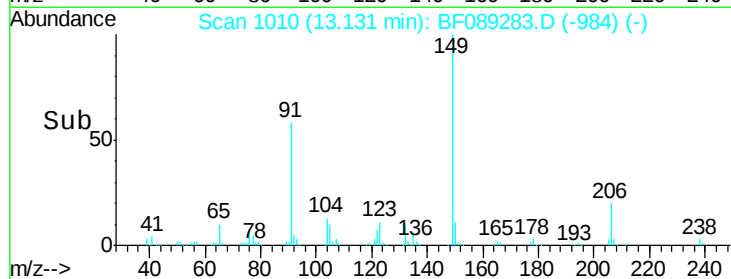
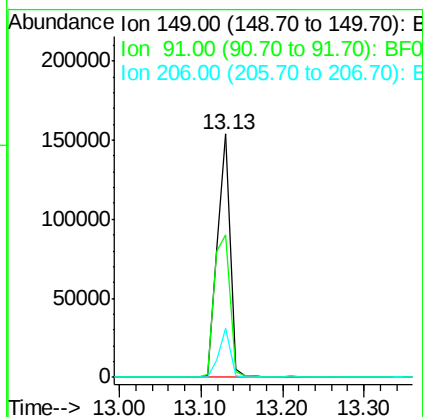
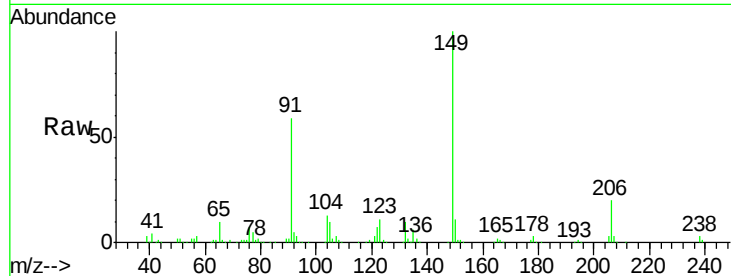




#79
Butylbenzylphthalate
Concen: 46.64 ng
RT: 13.13 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

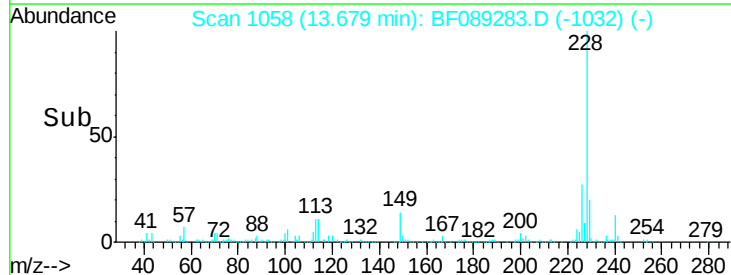
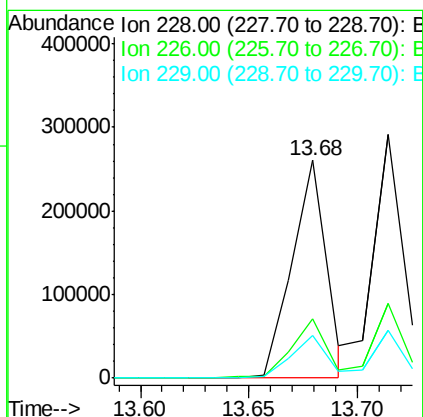
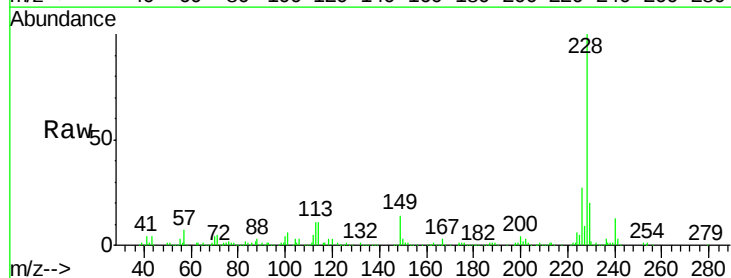
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

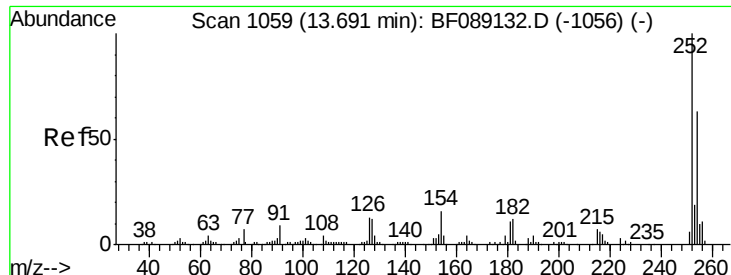
Tot Ion:149 Resp: 168898
Ion Ratio Lower Upper
149 100
91 58.6 62.6 93.8#
206 19.9 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 43.57 ng
RT: 13.68 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion:228 Resp: 287686
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.5 15.8 23.8

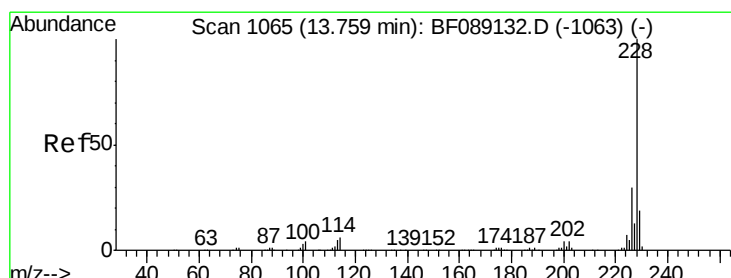
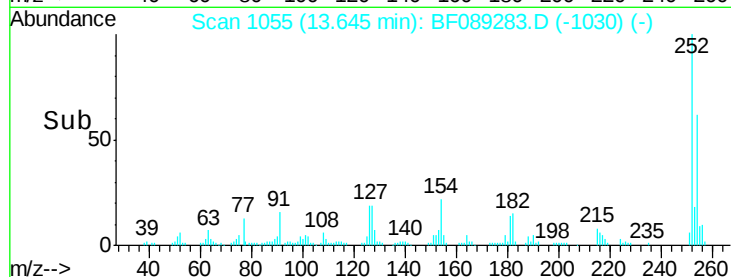
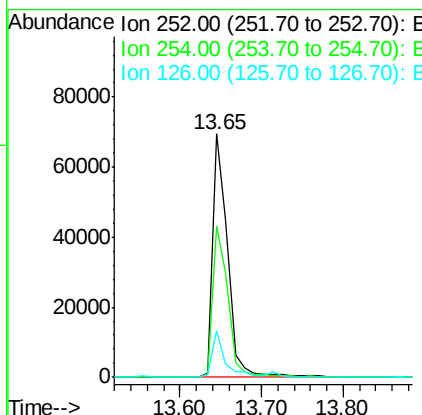
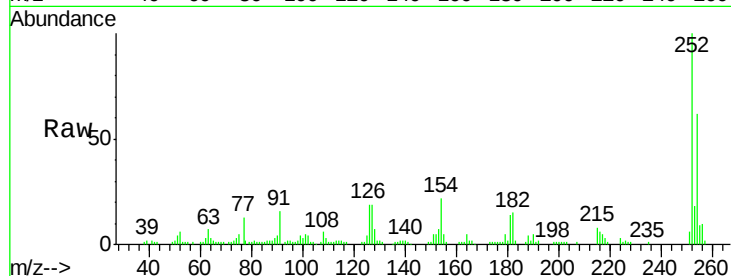




#81
 3,3'-Dichlorobenzidine
 Concen: 40.66 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

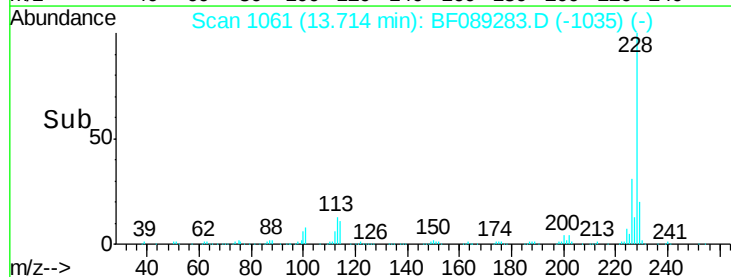
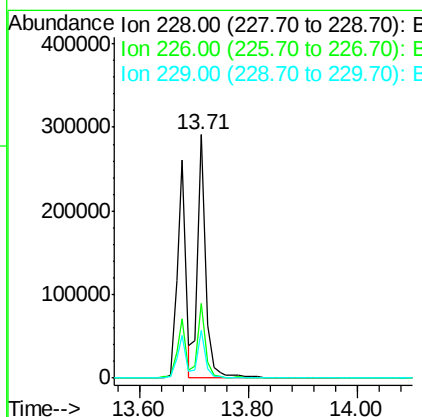
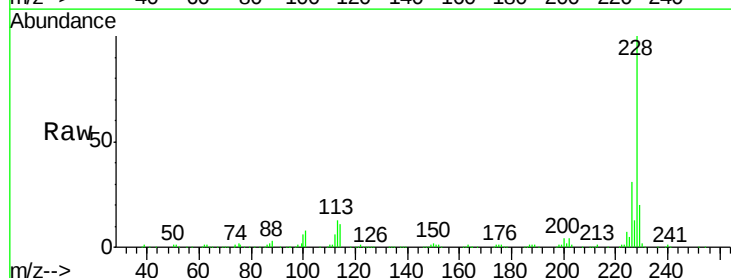
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

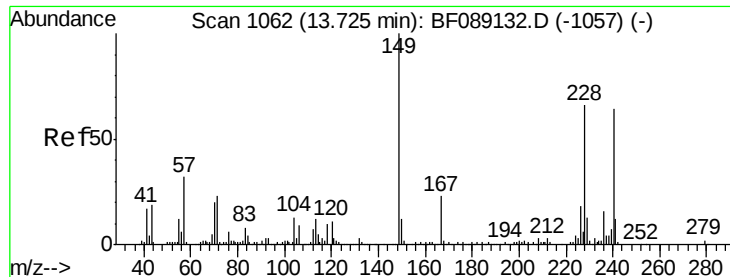
Tot Ion:252 Resp: 89057
 Ion Ratio Lower Upper
 252 100
 254 62.3 50.4 75.6
 126 19.1 10.2 15.2#



#82
 Chrysene
 Concen: 47.63 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion:228 Resp: 300399
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.8 35.8
 229 19.6 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.06 ng

RT: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

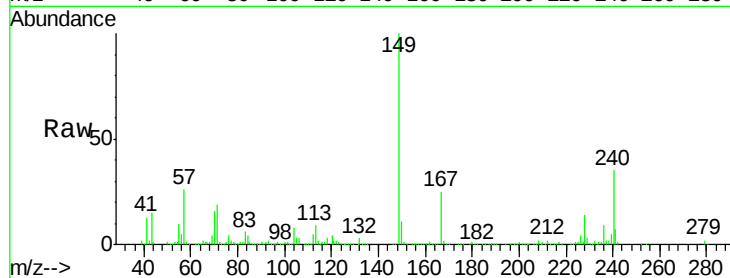
Tot Ion:149 Resp: 230885

Ion Ratio Lower Upper

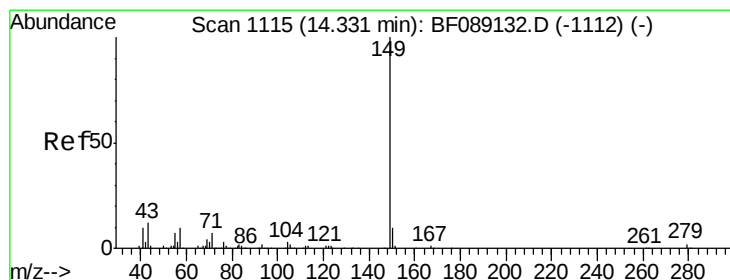
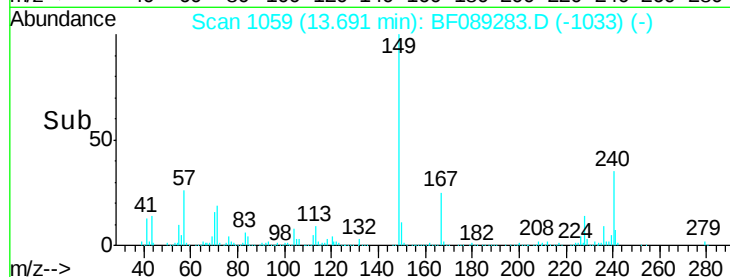
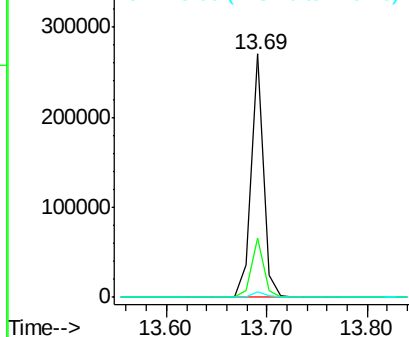
149 100

167 24.6 18.6 28.0

279 2.4 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.65 ng

RT: 14.30 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

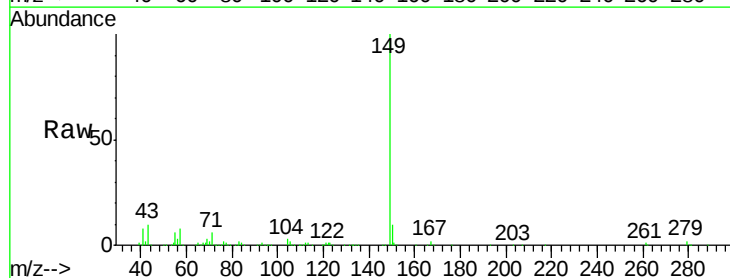
Tgt Ion:149 Resp: 393557

Ion Ratio Lower Upper

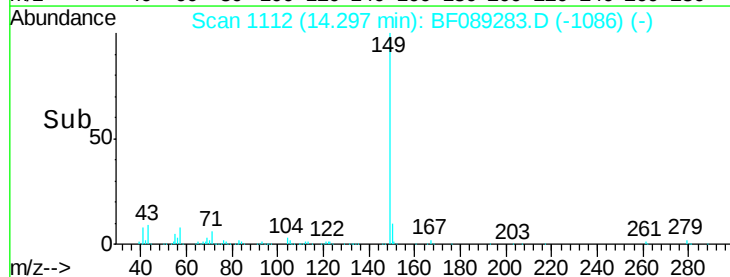
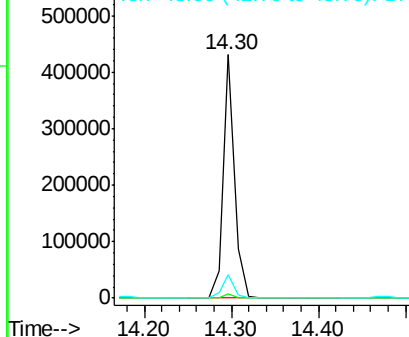
149 100

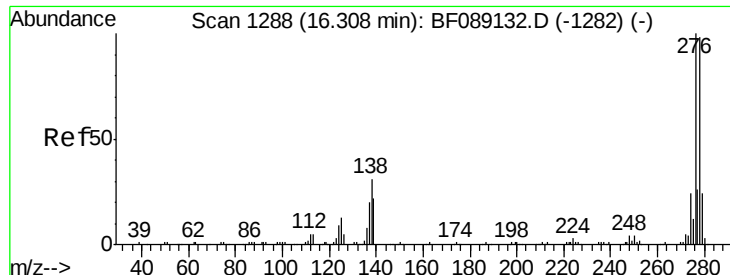
167 1.5 1.2 1.8

43 9.4 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

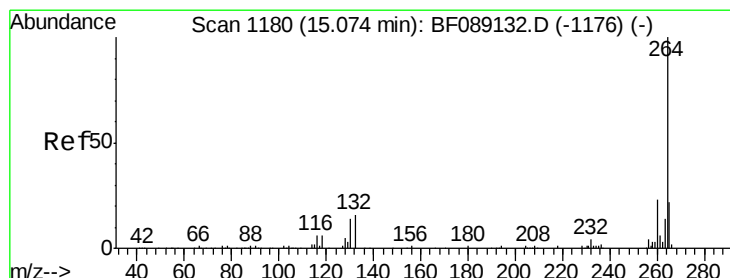
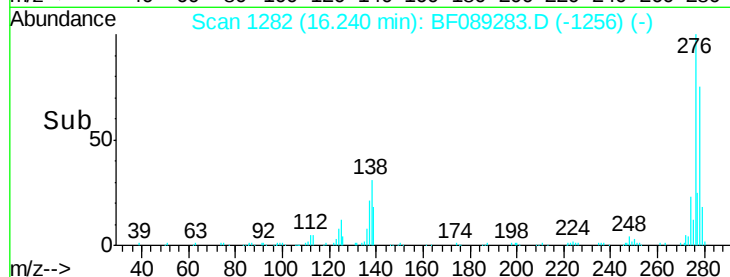
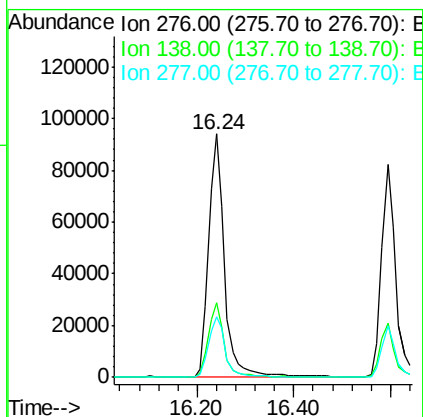
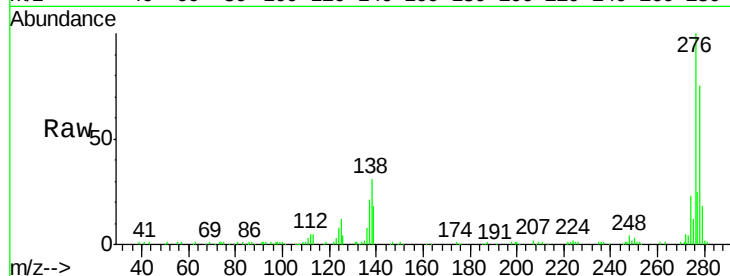




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.80 ng
 RT: 16.24 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

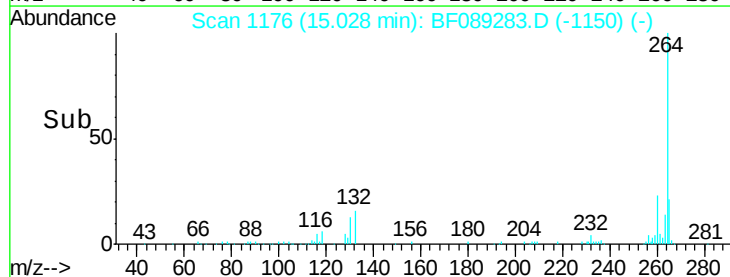
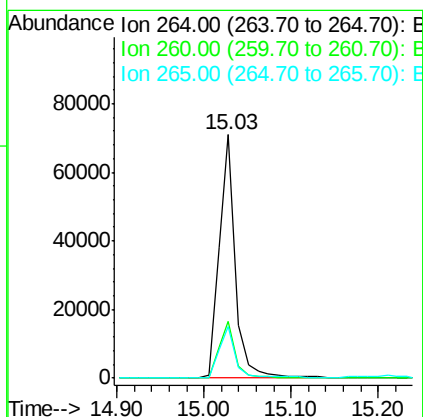
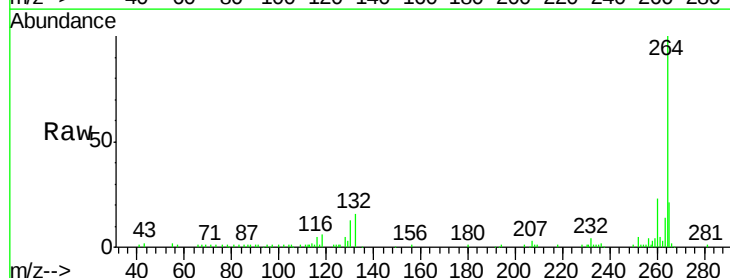
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MSD

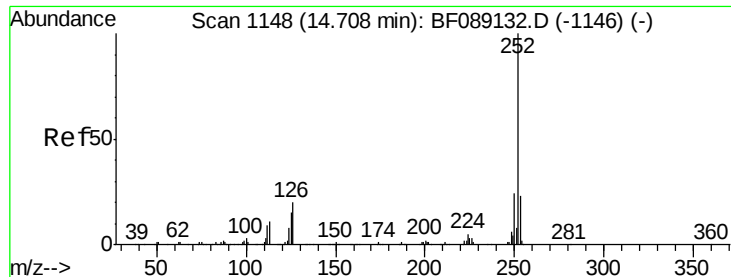
Tot Ion:276 Resp: 218933
 Ion Ratio Lower Upper
 276 100
 138 30.4 23.7 35.5
 277 26.0 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF089283.D
 Acq: 25 Jul 2016 17:10

Tgt Ion:264 Resp: 93023
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.0 17.3 25.9

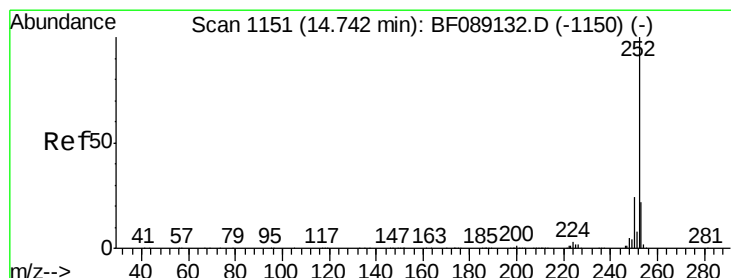
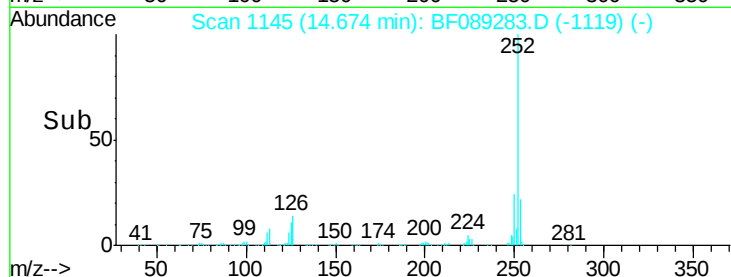
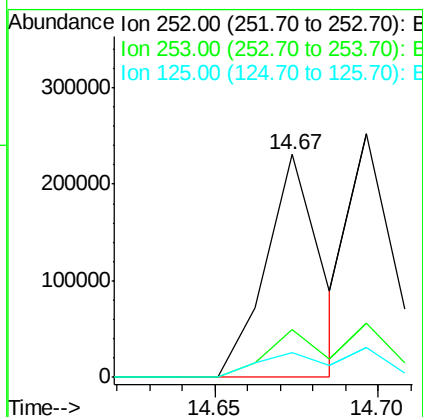
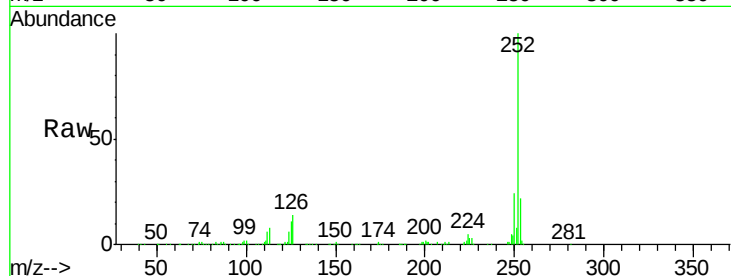




#87
Benzo(b)fluoranthene
Concen: 39.96 ng m
RT: 14.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

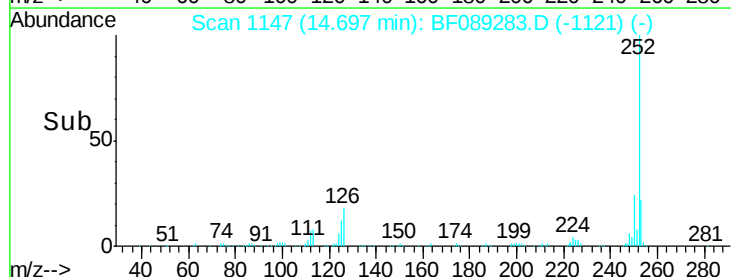
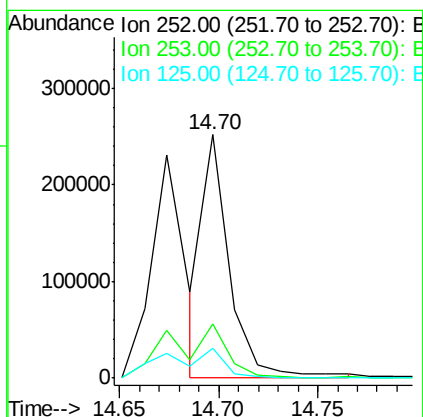
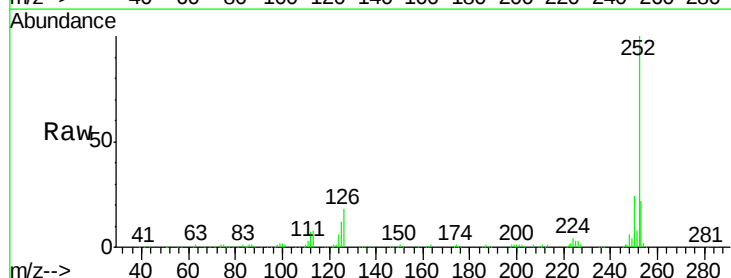
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MSD

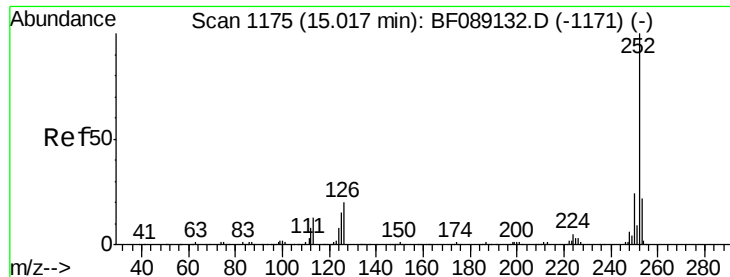
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	11.0	11.9	17.9#



#88
Benzo(k)fluoranthene
Concen: 50.61 ng m
RT: 14.70 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF089283.D
Acq: 25 Jul 2016 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	12.4	6.3	9.5#





#89

Benzo(a)pyrene

Concen: 46.97 ng

RT: 14.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

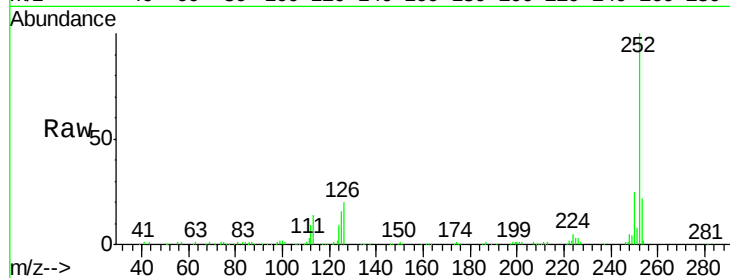
Tot Ion:252 Resp: 245679

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

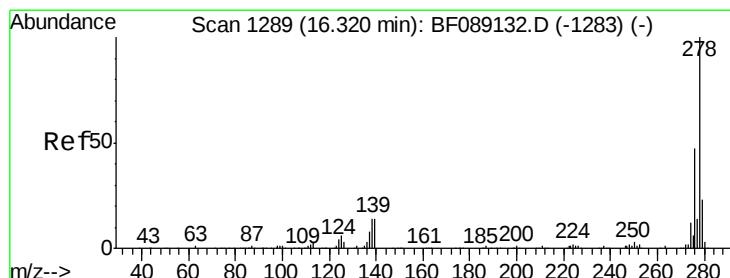
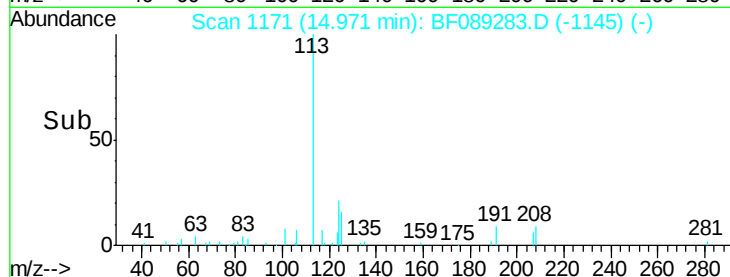
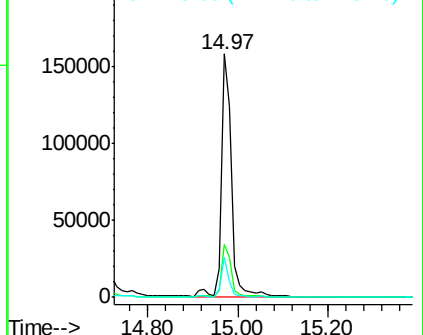
125 16.4 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.51 ng

RT: 16.25 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

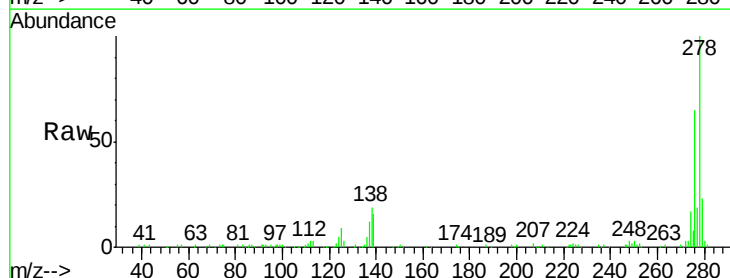
Tgt Ion:278 Resp: 179703

Ion Ratio Lower Upper

278 100

139 16.5 11.4 17.2

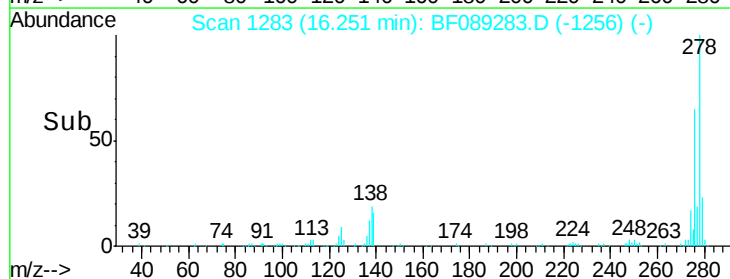
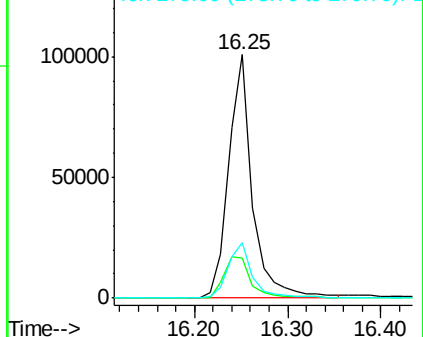
279 22.8 18.4 27.6

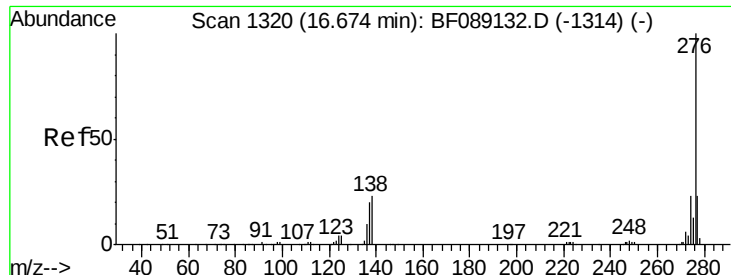


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.66 ng

RT: 16.59 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF089283.D

Acq: 25 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MSD

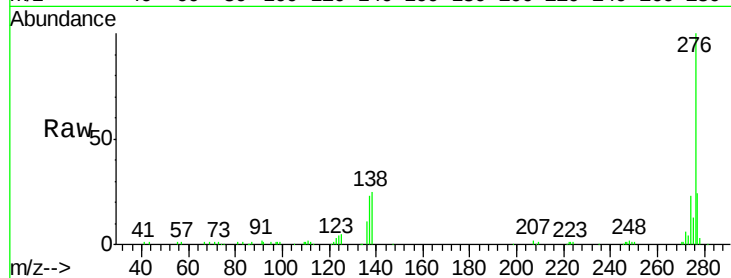
Tot Ion: 276 Resp: 173469

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 25.3 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

