

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089282.D
 Acq On : 25 Jul 2016 16:41
 Operator : UM/SJ
 Sample : H4129-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 25 17:18:46 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	59287	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	239110	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	105495	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	170439	20.00	ng	0.00
75) Chrysene-d12	13.69	240	109409	20.00	ng	0.00
86) Perylene-d12	15.03	264	90836	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	461155	118.30	ng	0.01
7) Phenol-d6	6.24	99	637969	126.91	ng	0.01
23) Nitrobenzene-d5	7.14	82	372523	82.78	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	105966	111.57	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	670959	87.63	ng	0.00
78) Terphenyl-d14	12.65	244	454115	90.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	61546	36.36	ng	# 90
3) Pyridine	2.67	79	147977	34.42	ng	98
4) n-Nitrosodimethylamine	2.65	42	72064	39.81	ng	99
6) Aniline	6.23	93	165426	24.36	ng	# 87
8) 2-Chlorophenol	6.35	128	187009	43.23	ng	88
9) Benzaldehyde	6.10	77	35218	11.04	ng	90
10) Phenol	6.25	94	260631	45.00	ng	99
11) bis(2-Chloroethyl)ether	6.32	93	202842	46.64	ng	98
12) 1,3-Dichlorobenzene	6.50	146	184987	38.73	ng	95
13) 1,4-Dichlorobenzene	6.58	146	205931	42.81	ng	96
14) 1,2-Dichlorobenzene	6.73	146	176653	38.95	ng	95
15) Benzyl Alcohol	6.73	79	159592	43.35	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	198084	39.97	ng	94
17) 2-Methylphenol	6.86	107	144413	42.38	ng	99
18) Hexachloroethane	7.07	117	67533	37.35	ng	# 87
19) n-Nitroso-di-n-propylamine	7.00	70	144515	43.95	ng	98
20) 3+4-Methylphenols	7.00	107	191150	41.32	ng	# 84
22) Acetophenone	6.99	105	274299	42.96	ng	99
24) Nitrobenzene	7.16	77	184580	38.89	ng	98
25) Isophorone	7.40	82	365883	44.11	ng	99
26) 2-Nitrophenol	7.47	139	81891	36.99	ng	96
27) 2,4-Dimethylphenol	7.53	122	153800	41.24	ng	98
28) bis(2-Chloroethoxy)methane	7.62	93	235861	45.47	ng	99
29) 2,4-Dichlorophenol	7.72	162	150486	44.77	ng	98
30) 1,2,4-Trichlorobenzene	7.79	180	149959	40.30	ng	# 95
31) Naphthalene	7.87	128	542928	42.07	ng	100
32) Benzoic acid	7.63	122	9185	3.20	ng	# 82
33) 4-Chloroaniline	7.94	127	90322	16.64	ng	# 94
34) Hexachlorobutadiene	8.00	225	83253	40.20	ng	97
35) Caprolactam	8.32	113	43861	42.02	ng	99
36) 4-Chloro-3-methylphenol	8.43	107	165088	40.77	ng	98
37) 2-Methylnaphthalene	8.57	142	322997	39.25	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	137922	35.18	ng	99
40) Hexachlorocyclopentadiene	8.72	237	24599	25.21	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089282.D
 Acq On : 25 Jul 2016 16:41
 Operator : UM/SJ
 Sample : H4129-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 25 17:18:46 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

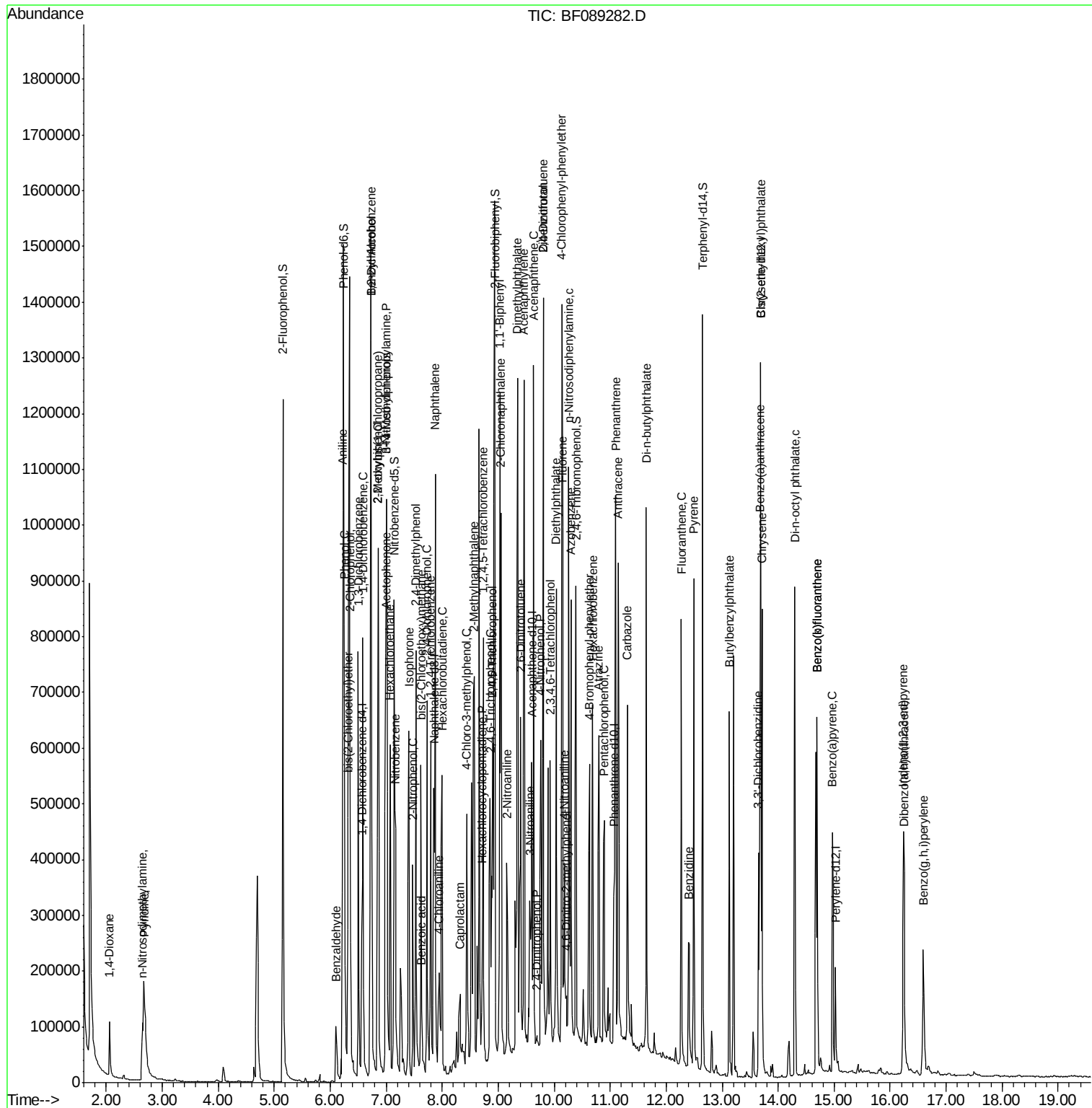
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	88736	40.43	ng	99
43) 2,4,5-Trichlorophenol	8.90	196	103277	46.88	ng	96
45) 1,1'-Biphenyl	9.03	154	383625	40.38	ng	99
46) 2-Chloronaphthalene	9.05	162	306429	42.45	ng	99
47) 2-Nitroaniline	9.15	65	95945	38.74	ng	97
48) Acenaphthylene	9.46	152	473011	41.67	ng	100
49) Dimethylphthalate	9.35	163	665126	82.16	ng	99
50) 2,6-Dinitrotoluene	9.40	165	80669	44.14	ng	# 88
51) Acenaphthene	9.63	154	300590	44.77	ng	99
52) 3-Nitroaniline	9.56	138	67072	30.90	ng	# 67
53) 2,4-Dinitrophenol	9.69	184	4083	12.45	ng	# 54
54) Dibenzofuran	9.80	168	413467	45.57	ng	96
55) 4-Nitrophenol	9.76	139	82734	63.00	ng	95
56) 2,4-Dinitrotoluene	9.80	165	92718	39.38	ng	100
57) Fluorene	10.15	166	312968	40.64	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	73333	46.35	ng	91
59) Diethylphthalate	10.03	149	344346	42.90	ng	100
60) 4-Chlorophenyl-phenylether	10.14	204	136565	38.84	ng	# 71
61) 4-Nitroaniline	10.18	138	79610	37.70	ng	97
62) Azobenzene	10.30	77	378520	43.39	ng	96
64) 4,6-Dinitro-2-methylphenol	10.22	198	11068	11.15	ng	74
65) n-Nitrosodiphenylamine	10.26	169	274377	48.17	ng	100
66) 4-Bromophenyl-phenylether	10.63	248	82279	48.78	ng	# 88
67) Hexachlorobenzene	10.68	284	71484	39.40	ng	# 61
68) Atrazine	10.80	200	87153	48.93	ng	96
69) Pentachlorophenol	10.89	266	68100	81.37	ng	99
70) Phenanthrene	11.10	178	420413	44.97	ng	99
71) Anthracene	11.14	178	413664	42.57	ng	99
72) Carbazole	11.30	167	362162	42.43	ng	98
73) Di-n-butylphthalate	11.64	149	485175	45.95	ng	100
74) Fluoranthene	12.27	202	412432	41.97	ng	94
76) Benzidine	12.41	184	155712	41.40	ng	98
77) Pyrene	12.49	202	353094	39.08	ng	99
79) Butylbenzylphthalate	13.13	149	192752	50.43	ng	84
80) Benzo(a)anthracene	13.68	228	286990	41.19	ng	99
81) 3,3'-Dichlorobenzidine	13.65	252	90055	38.96	ng	# 97
82) Chrysene	13.71	228	301763	45.34	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	246511	48.62	ng	97
84) Di-n-octyl phthalate	14.30	149	413745	49.46	ng	99
85) Indeno(1,2,3-cd)pyrene	16.24	276	219525	45.41	ng	100
87) Benzo(b)fluoranthene	14.70	252	510503	77.59	ng	97
88) Benzo(k)fluoranthene	14.70	252	510503	108.51	ng	# 96
89) Benzo(a)pyrene	14.97	252	231788	45.38	ng	99
90) Dibenzo(a,h)anthracene	16.25	278	183313	45.46	ng	97
91) Benzo(g,h,i)perylene	16.59	276	174938	43.02	ng	98

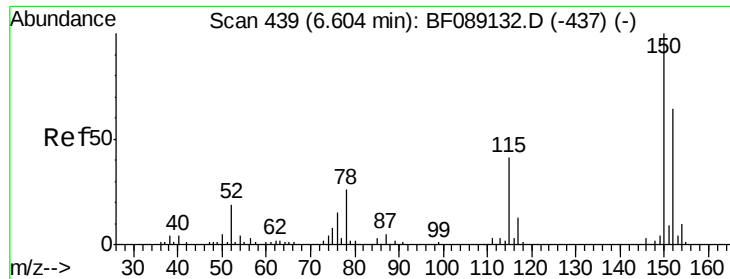
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089282.D
 Acq On : 25 Jul 2016 16:41
 Operator : UM/SJ
 Sample : H4129-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 25 17:18:46 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



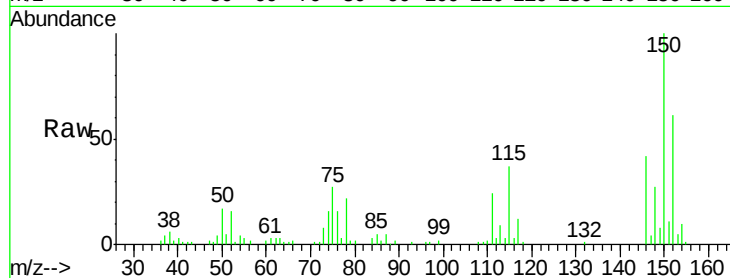


#1

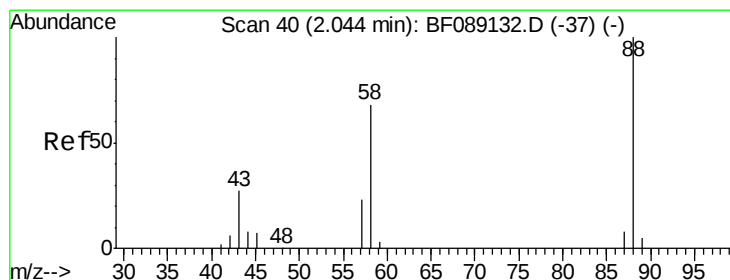
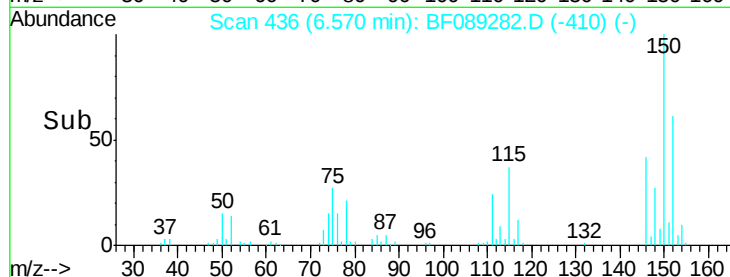
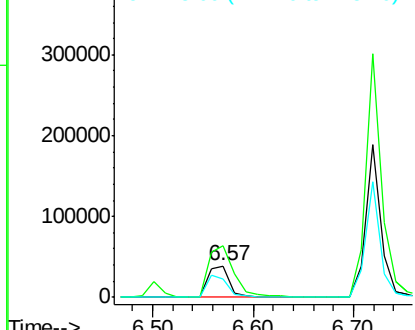
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

Tgt Ion:152 Resp: 59287
Ion Ratio Lower Upper
152 100
150 163.5 125.1 187.7
115 59.9 51.1 76.7



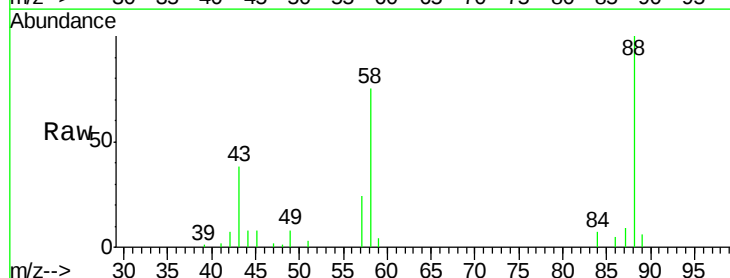
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



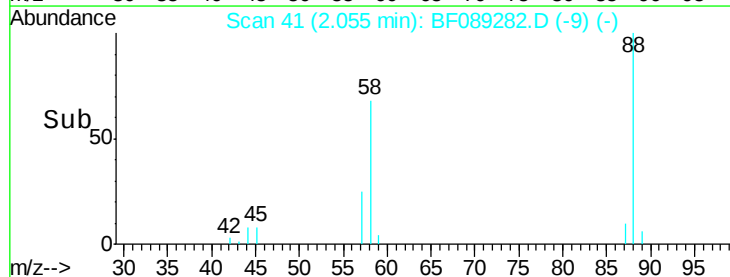
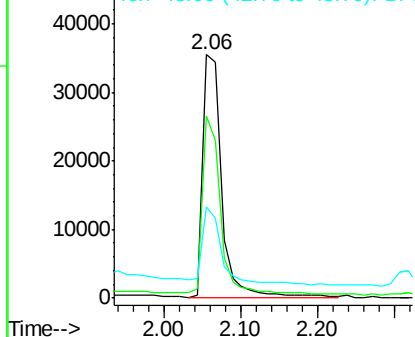
#2

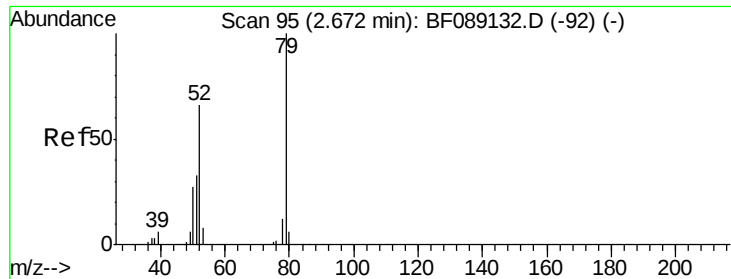
1,4-Dioxane
Concen: 36.36 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.07 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion: 88 Resp: 61546
Ion Ratio Lower Upper
88 100
58 67.0 49.2 73.8
43 33.5 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

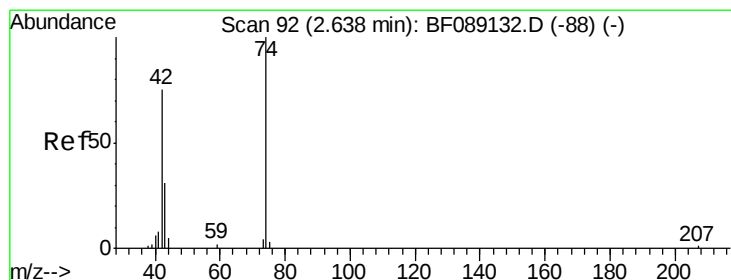
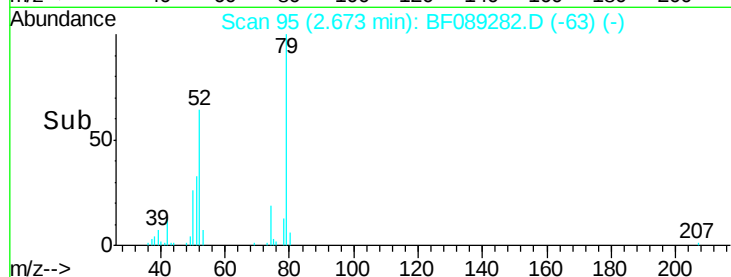
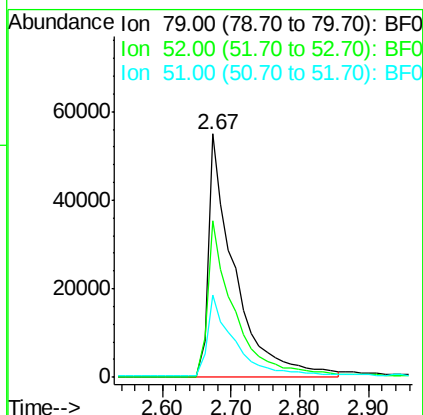
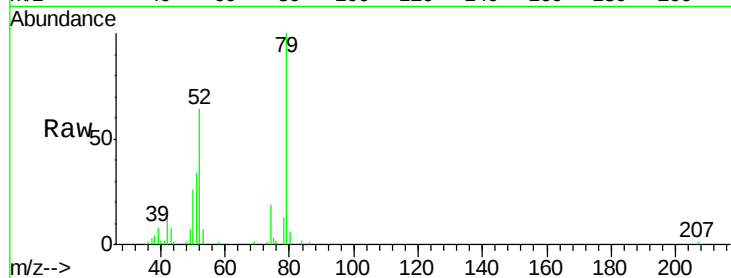




#3
 Pyridine
 Concen: 34.42 ng
 RT: 2.67 min Scan# 95
 Delta R.T. 0.07 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

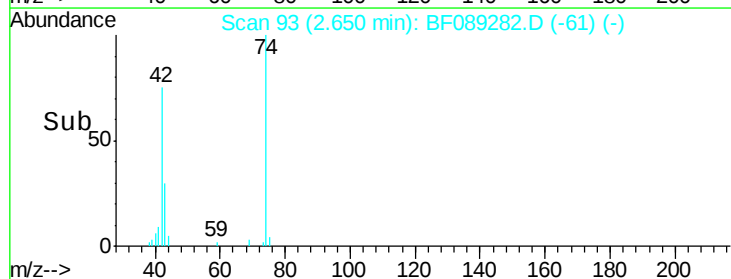
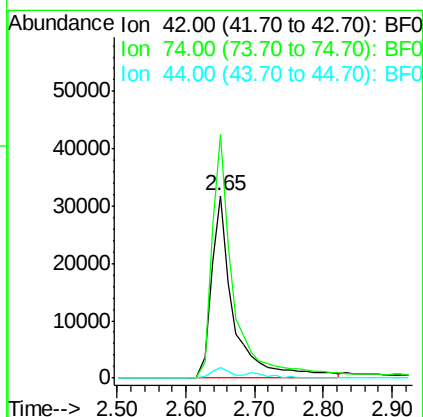
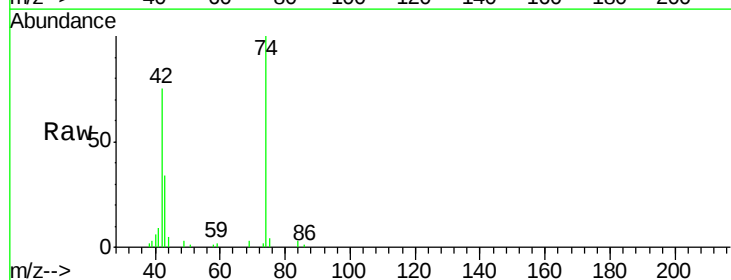
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MS

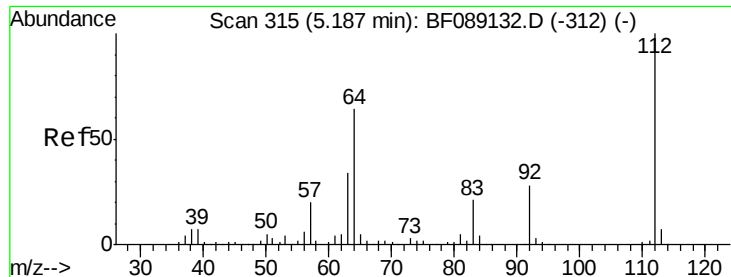
Tgt Ion	Ratio	Lower	Upper
79	100		
52	64.3	52.9	79.3
51	33.6	27.0	40.6



#4
 n-Nitrosodimethylamine
 Concen: 39.81 ng
 RT: 2.65 min Scan# 93
 Delta R.T. 0.07 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.6	106.4	159.6
44	6.2	5.2	7.8





#5

2-Fluorophenol

Concen: 118.30 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

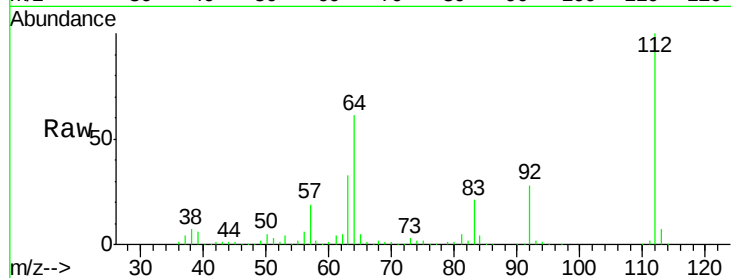
Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

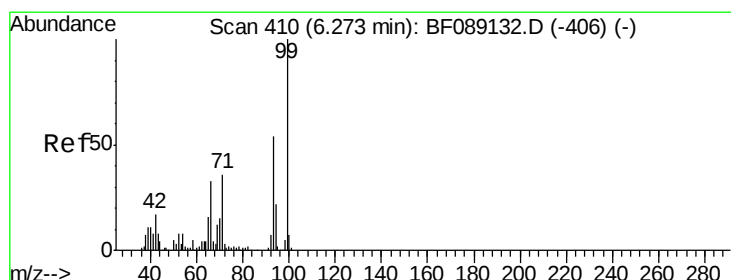
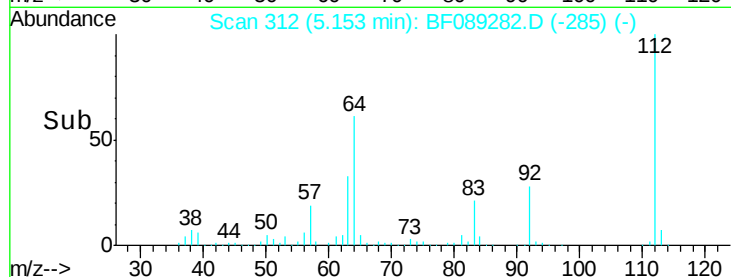
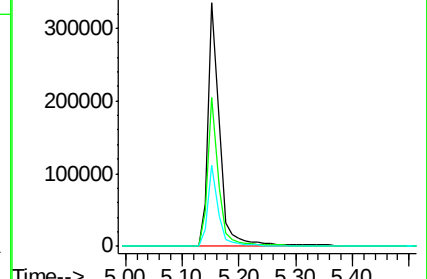
Tgt Ion:	112	Resp:	461155
Ion	Ratio	Lower	Upper
112	100		
64	61.3	51.0	76.4
63	33.4	27.3	40.9



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: 24.36 ng

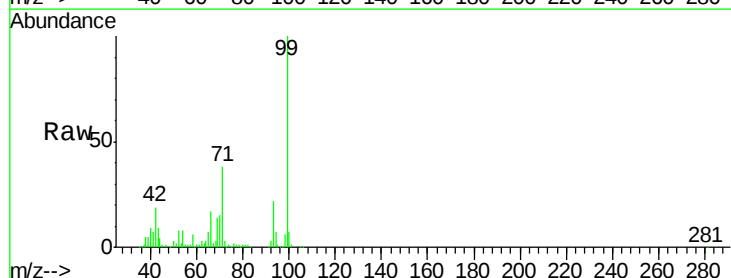
RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

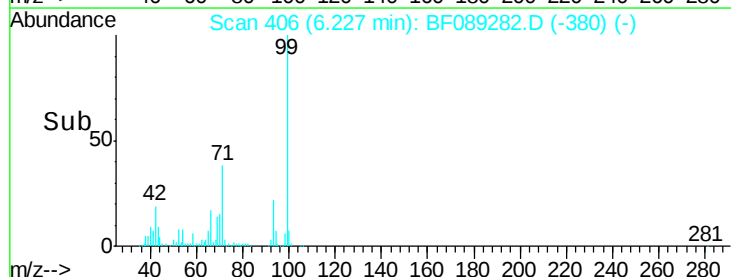
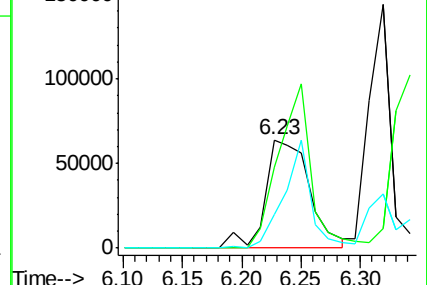
Tgt Ion:	93	Resp:	165426
Ion	Ratio	Lower	Upper
93	100		
66	74.3	48.9	73.3#
65	31.5	23.9	35.9

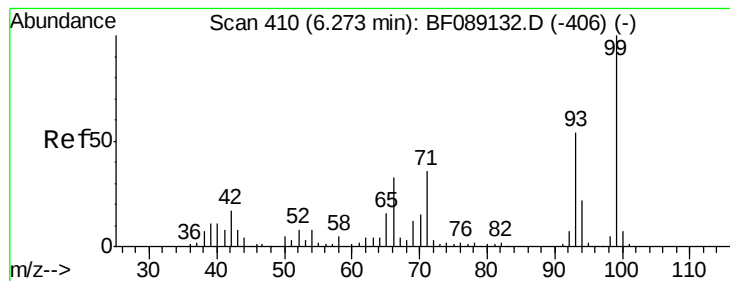


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.91 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

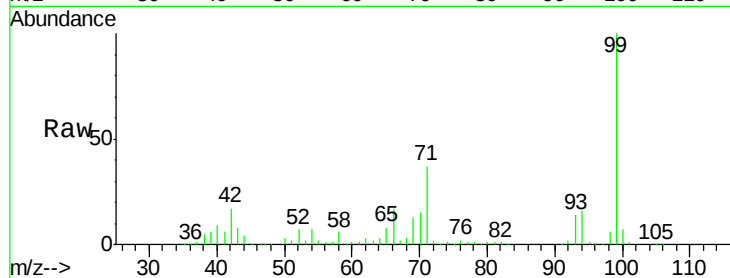
Tgt Ion: 99 Resp: 637969

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

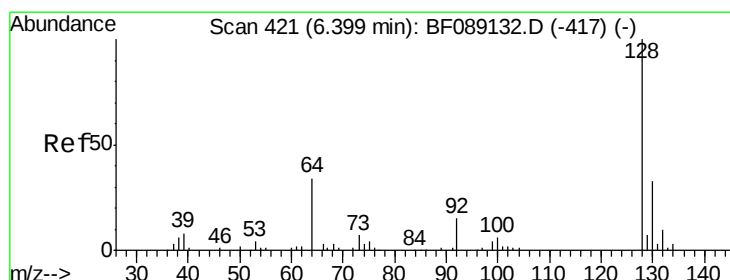
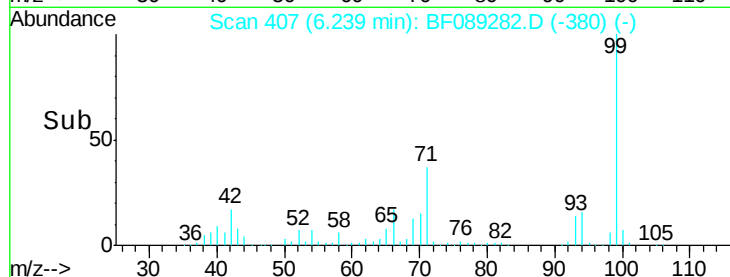
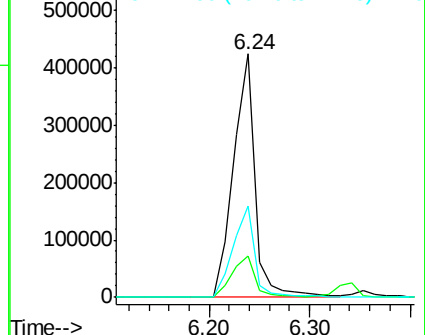
71 37.3 28.9 43.3



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: 43.23 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

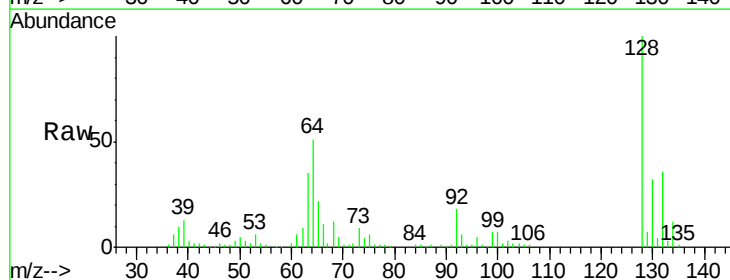
Tgt Ion: 128 Resp: 187009

Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

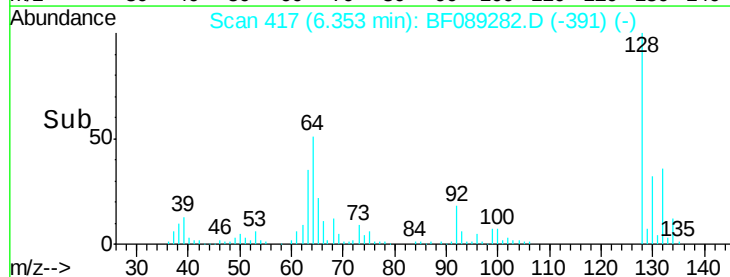
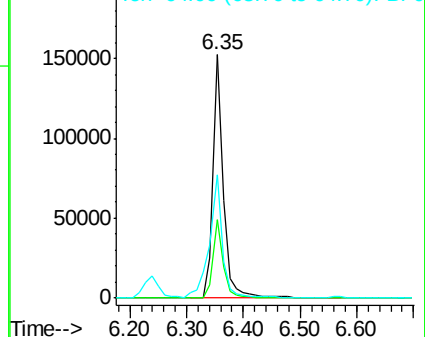
64 50.7 17.5 57.5

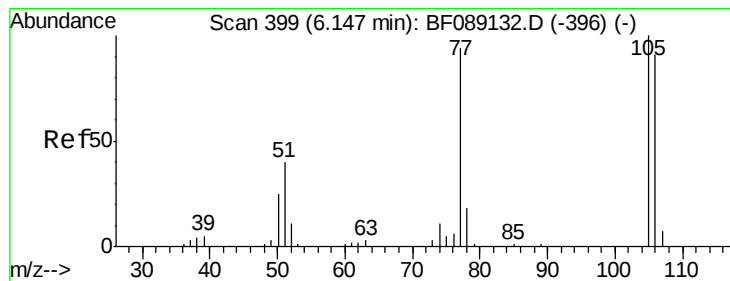


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.04 ng

RT: 6.10 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

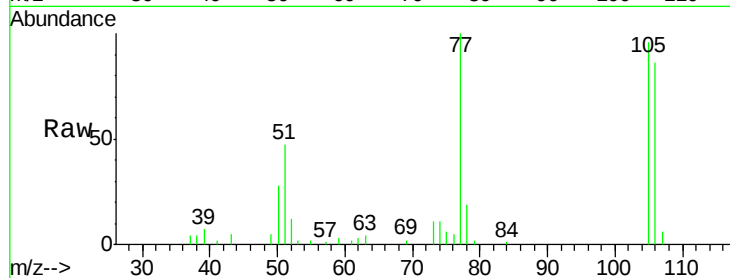
Tgt Ion: 77 Resp: 35218

Ion Ratio Lower Upper

77 100

105 96.1 86.2 126.2

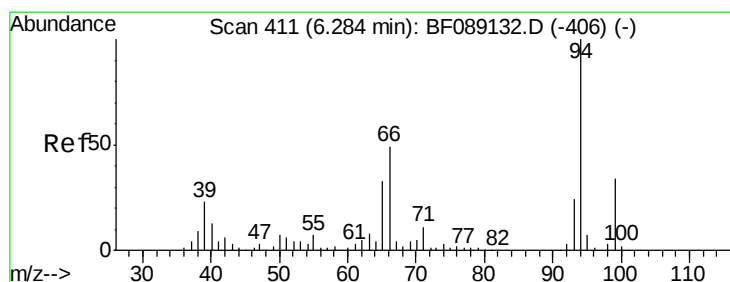
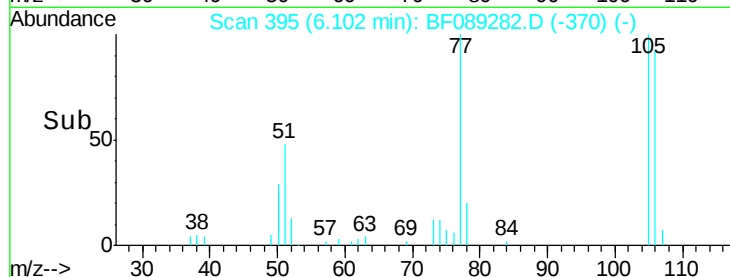
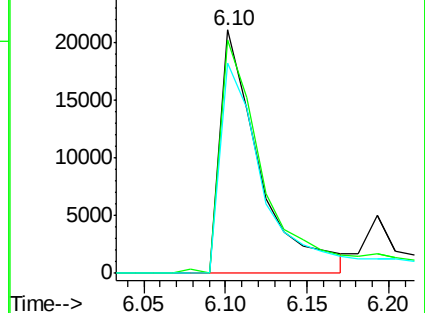
106 86.2 76.3 116.3



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: 45.00 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

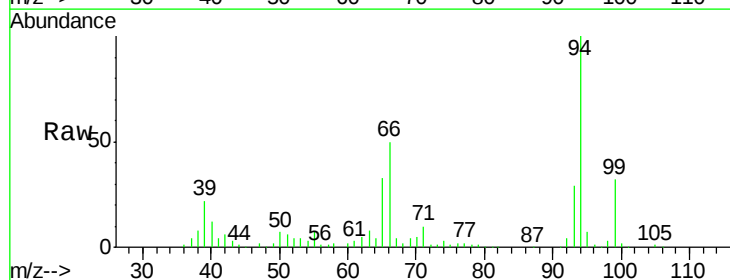
Tgt Ion: 94 Resp: 260631

Ion Ratio Lower Upper

94 100

65 32.6 13.3 53.3

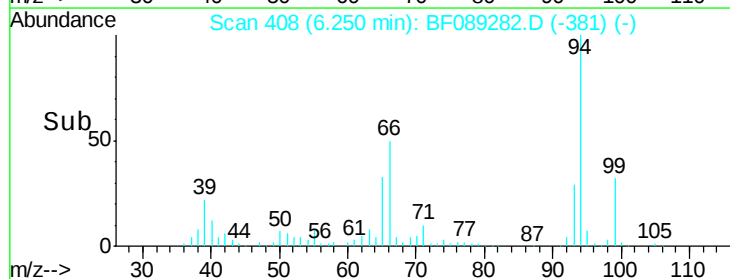
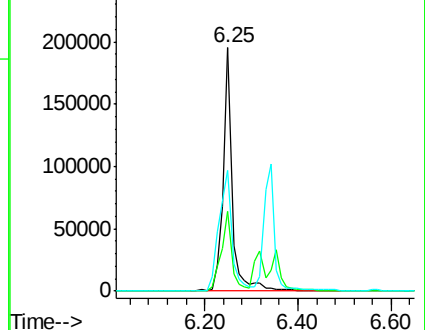
66 49.8 29.3 69.3



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: 46.64 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

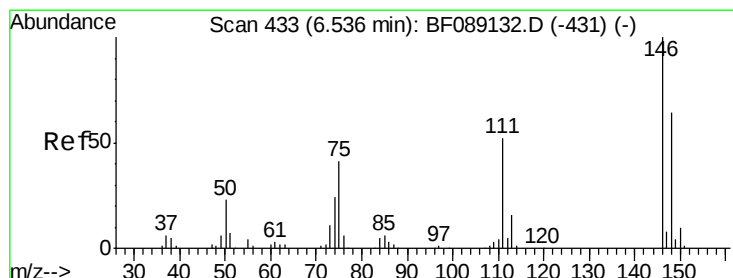
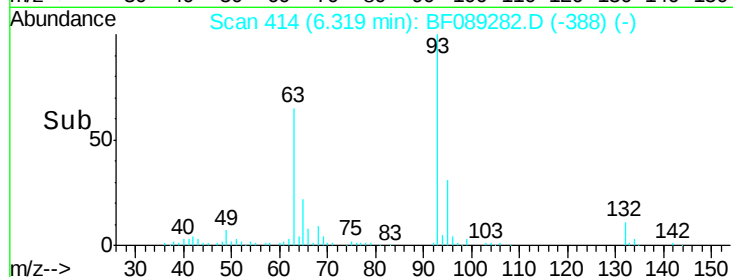
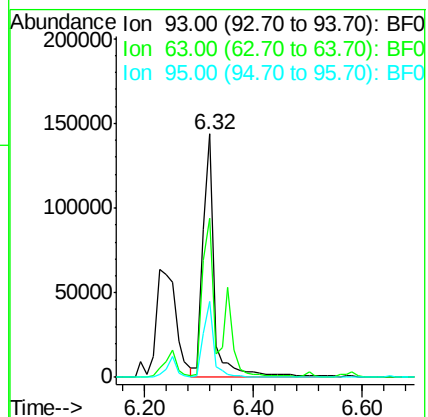
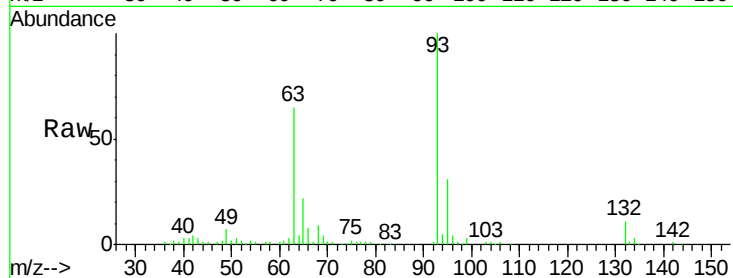
Tgt Ion: 93 Resp: 202842

Ion Ratio Lower Upper

93 100

63 65.5 47.3 87.3

95 31.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.73 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

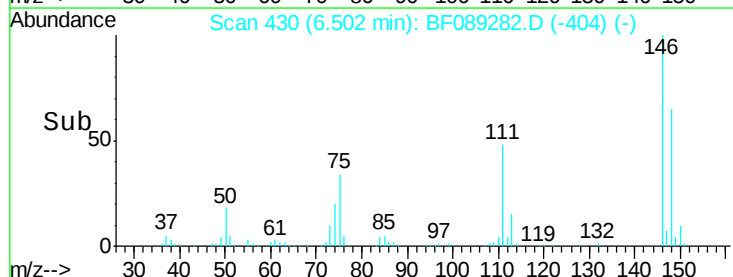
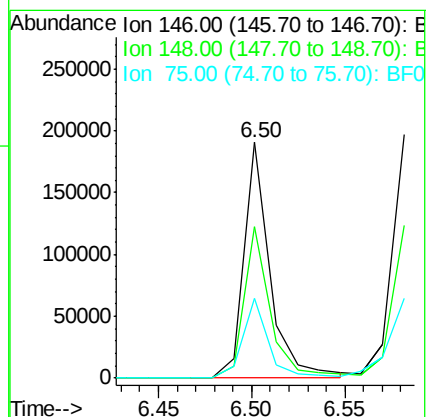
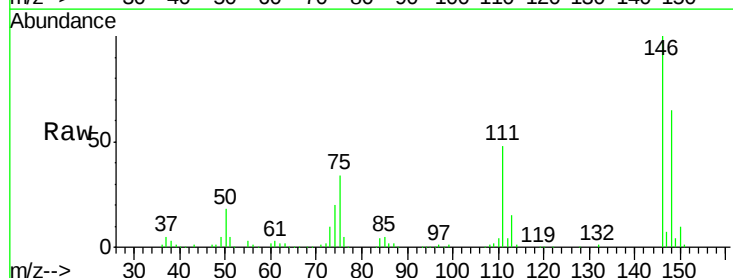
Tgt Ion: 146 Resp: 184987

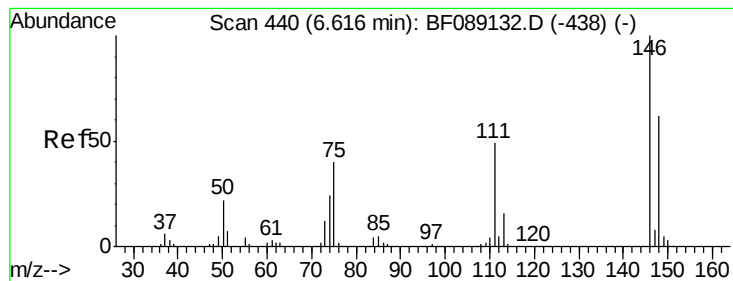
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

75 34.0 32.5 48.7





#13

1,4-Dichlorobenzene

Concen: 42.81 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

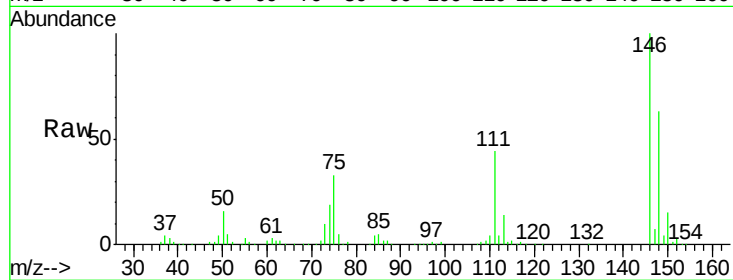
Tgt Ion:146 Resp: 205931

Ion Ratio Lower Upper

146 100

148 63.0 49.9 74.9

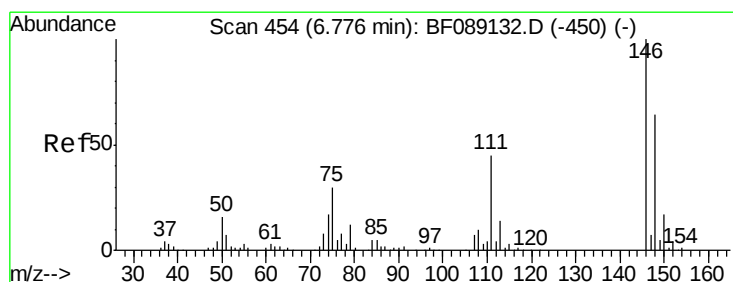
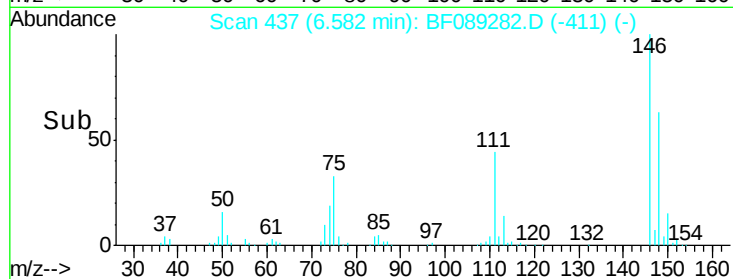
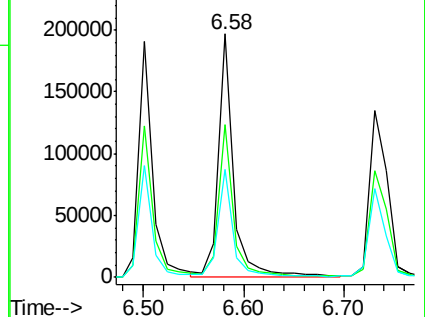
111 44.3 39.8 59.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.95 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

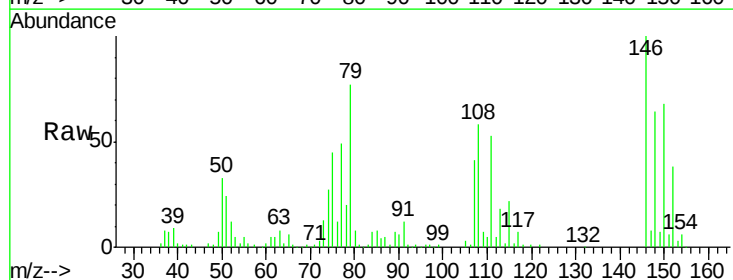
Tgt Ion:146 Resp: 176653

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

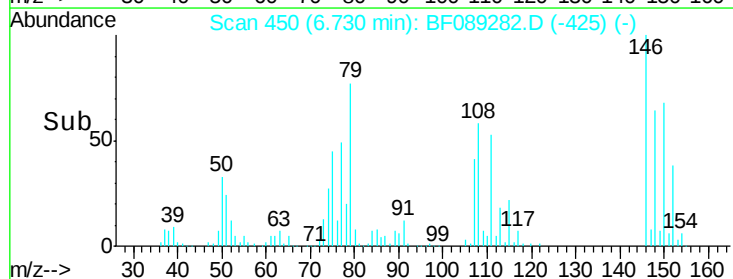
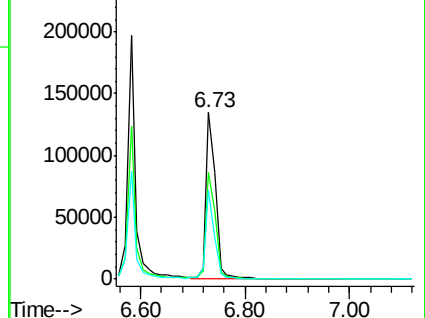
111 53.4 35.9 53.9

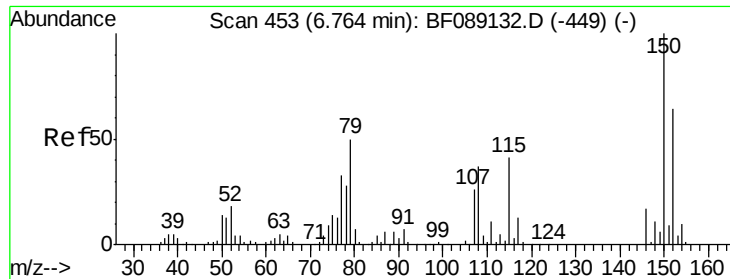


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

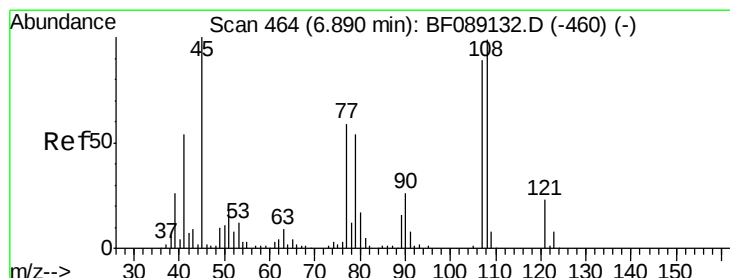
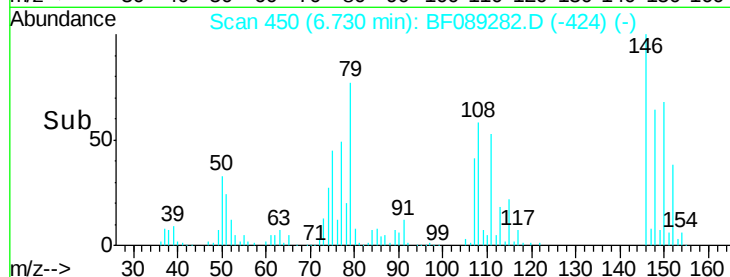
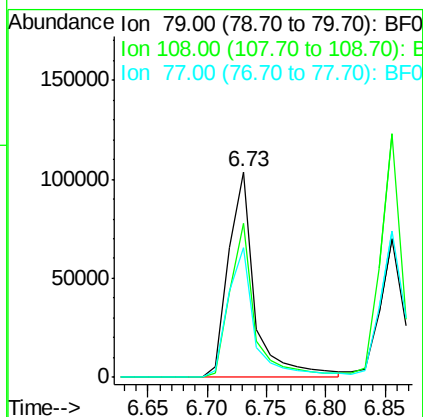
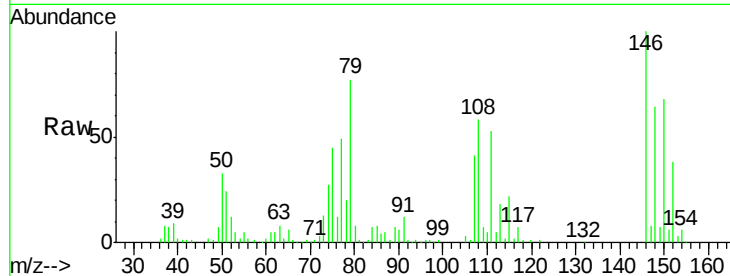




#15
Benzyl Alcohol
Concen: 43.35 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

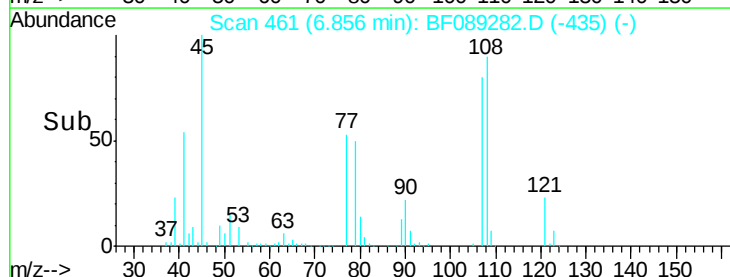
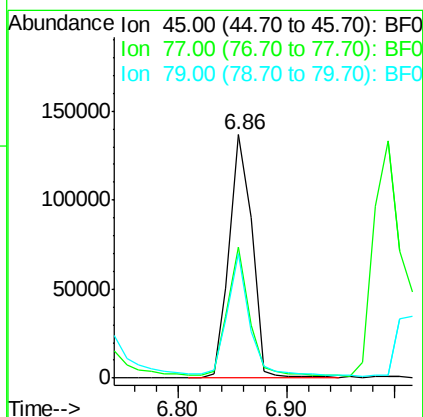
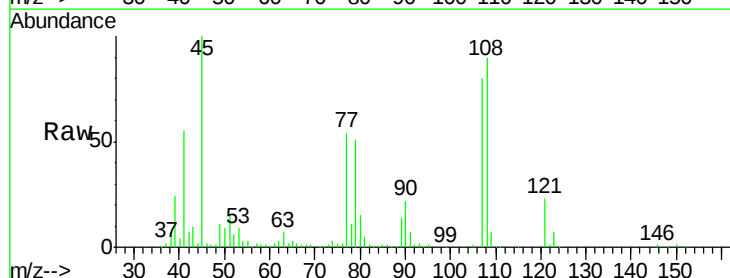
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

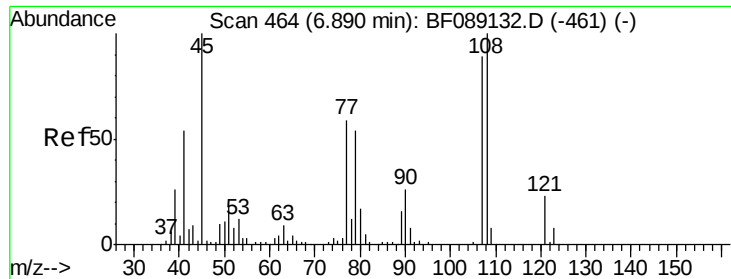
Tgt Ion: 79 Resp: 159592
Ion Ratio Lower Upper
79 100
108 74.9 58.2 87.4
77 63.0 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.97 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion: 45 Resp: 198084
Ion Ratio Lower Upper
45 100
77 54.0 39.7 79.7
79 51.0 34.7 74.7

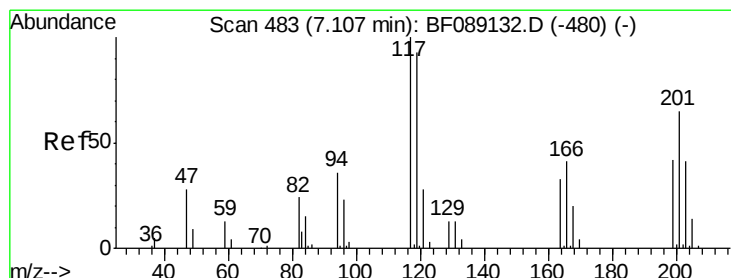
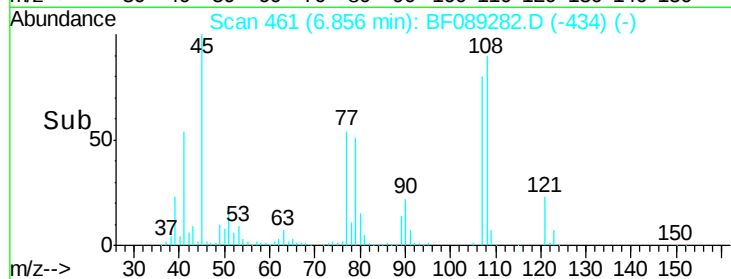
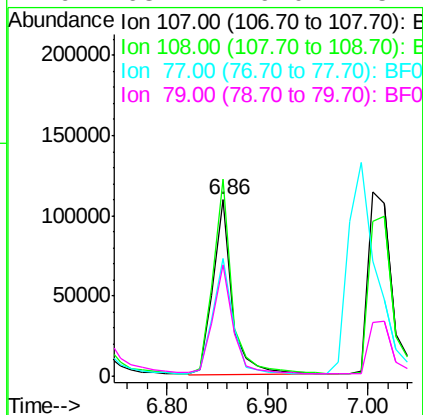
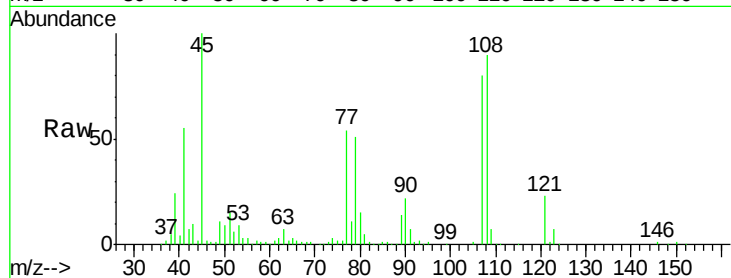




#17
2-Methylphenol
Concen: 42.38 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

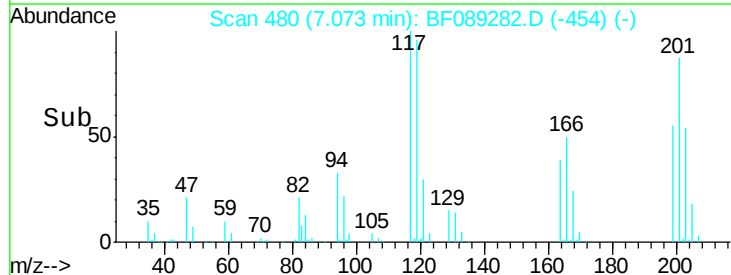
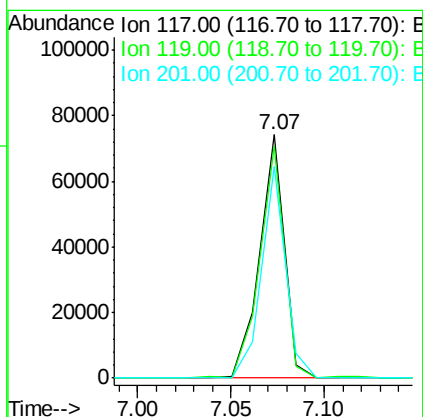
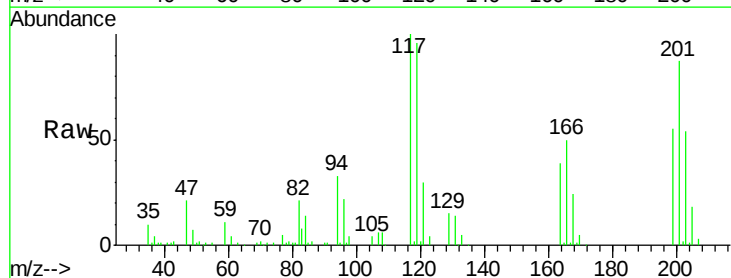
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

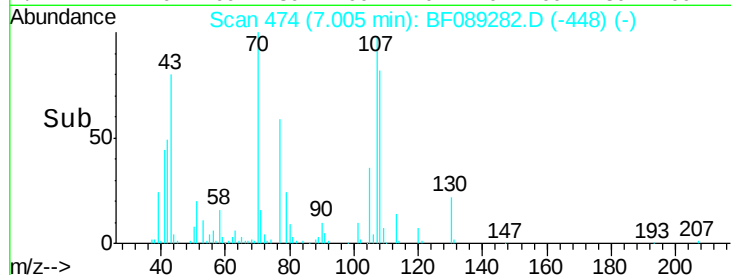
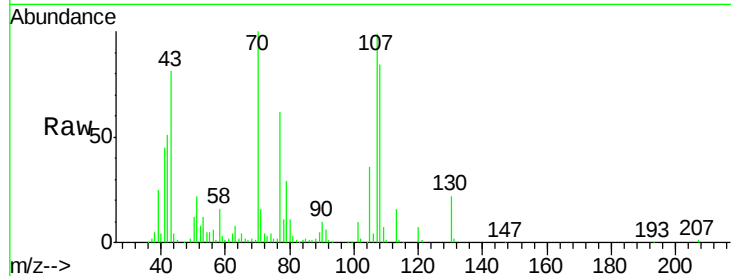
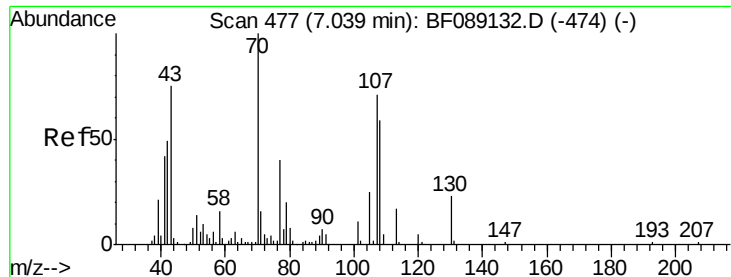
Tgt Ion:107 Resp: 144413
Ion Ratio Lower Upper
107 100
108 111.8 89.4 134.2
77 67.1 53.4 80.0
79 63.4 49.0 73.4



#18
Hexachloroethane
Concen: 37.35 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion:117 Resp: 67533
Ion Ratio Lower Upper
117 100
119 95.5 74.5 111.7
201 86.7 51.8 77.6#

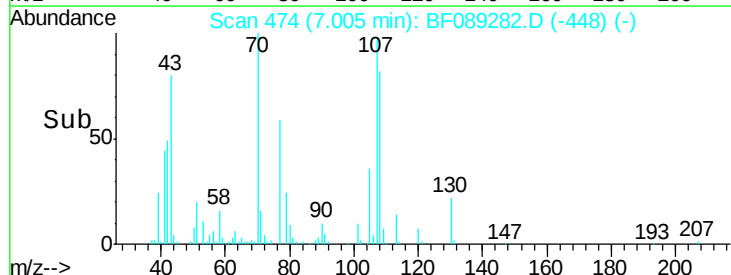
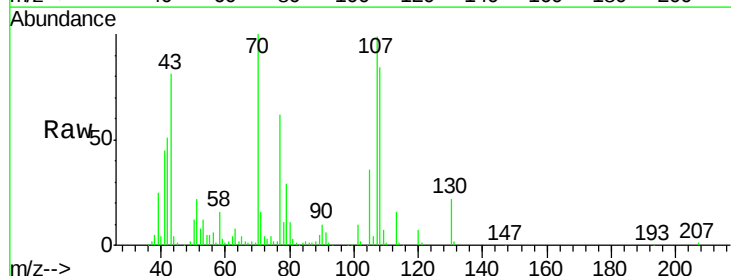
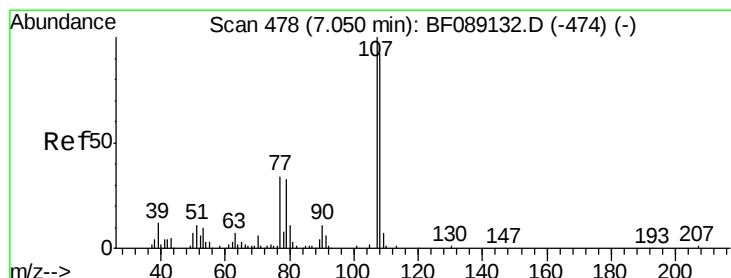
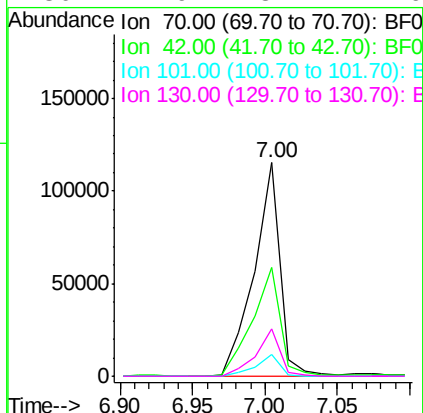




#19
n-Nitroso-di-n-propylamine
Concen: 43.95 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

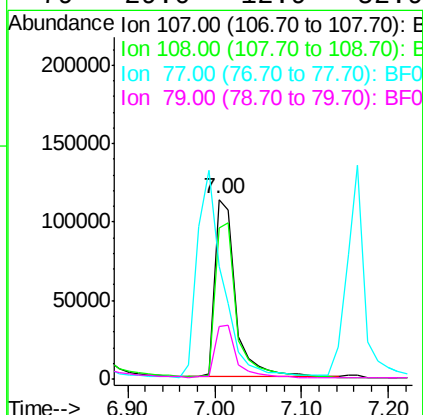
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

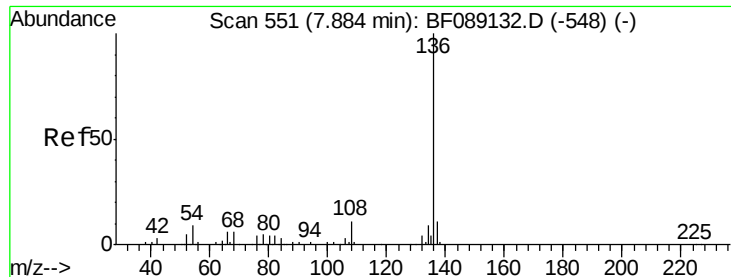
Tgt Ion: 70 Resp: 144515
Ion Ratio Lower Upper
70 100
42 50.9 39.2 58.8
101 10.3 8.5 12.7
130 21.9 18.4 27.6



#20
3+4-Methylphenols
Concen: 41.32 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion: 107 Resp: 191150
Ion Ratio Lower Upper
107 100
108 84.3 72.5 112.5
77 62.4 17.7 57.7#
79 29.0 12.9 52.9

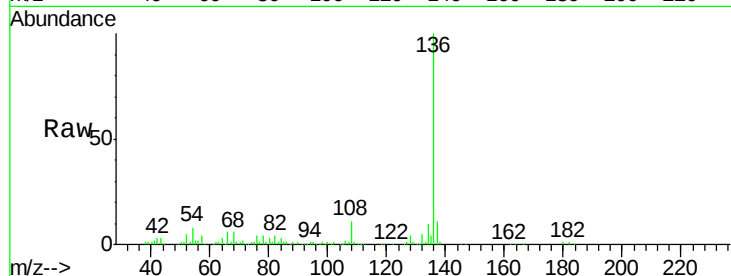




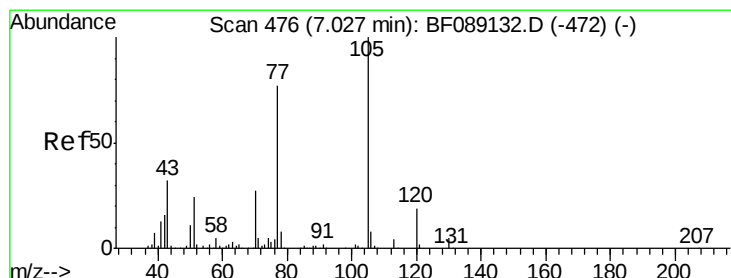
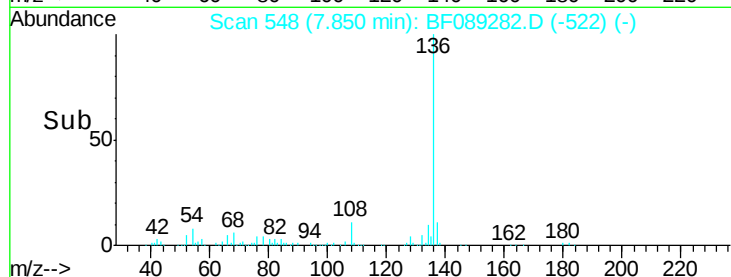
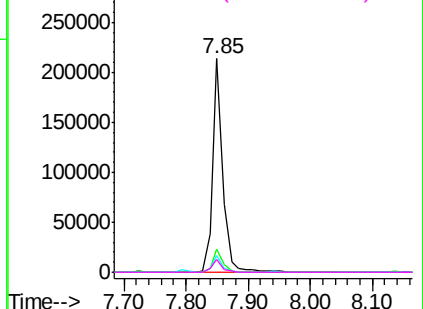
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

Tgt Ion:	136	Resp:	239110
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	7.0	10.4
68	6.1	5.0	7.6

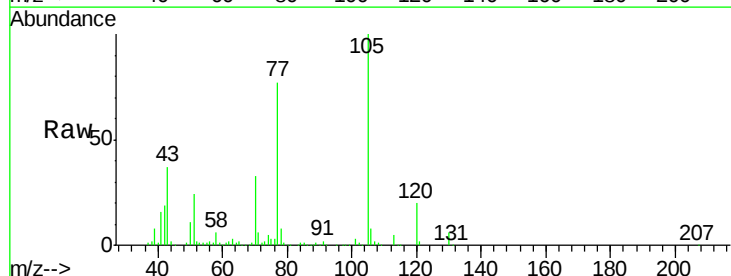


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

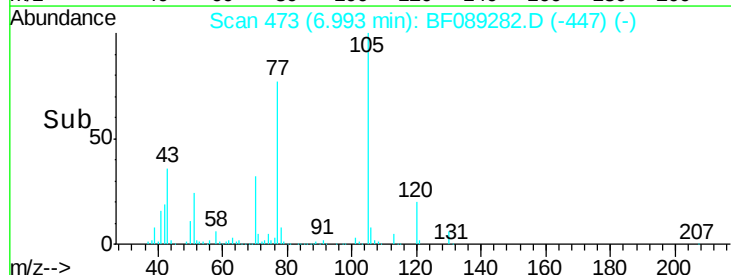
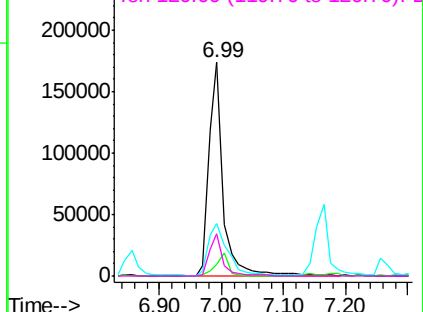


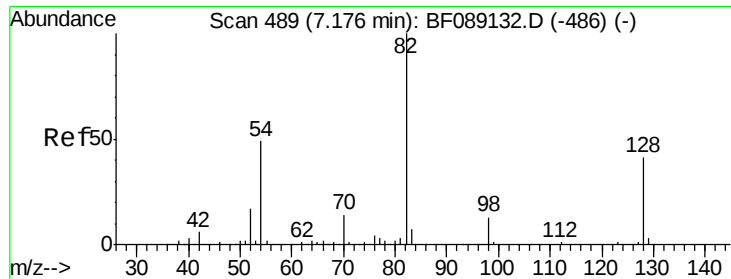
#22
Acetophenone
Concen: 42.96 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion:	105	Resp:	274299
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.8	5.6
51	24.4	19.6	29.4
120	19.7	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

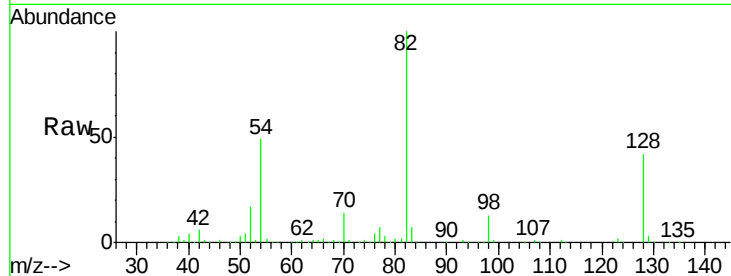




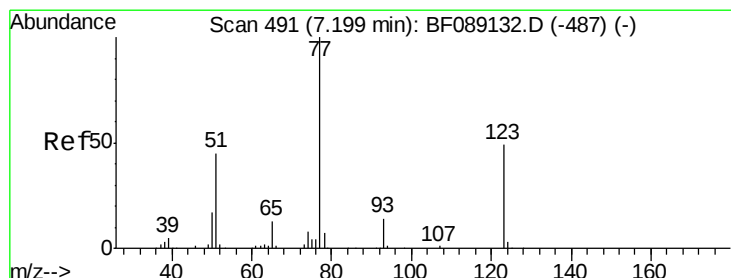
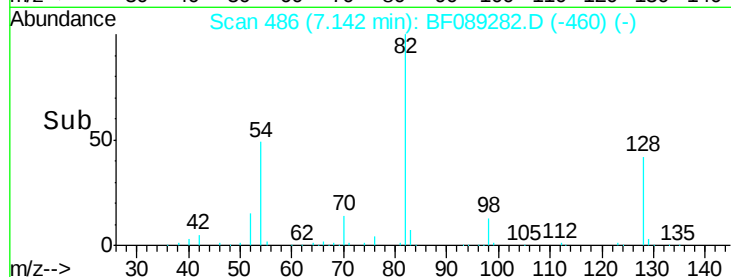
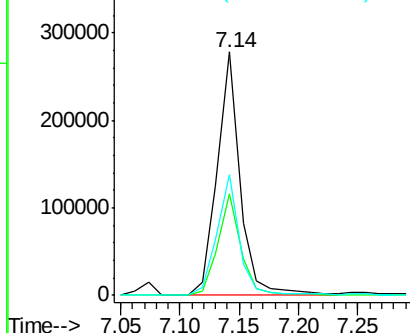
#23
 Nitrobenzene-d5
 Concen: 82.78 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

Tgt Ion: 82 Resp: 372523
 Ion Ratio Lower Upper
 82 100
 128 41.6 33.0 49.6
 54 49.4 39.0 58.4

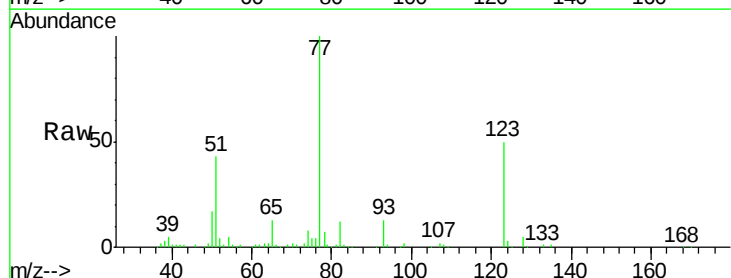


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

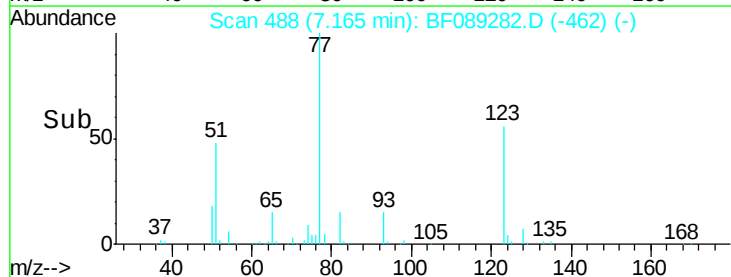
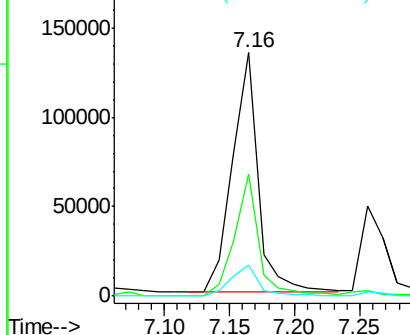


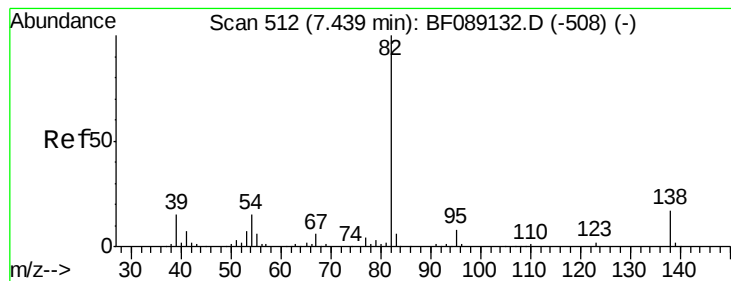
#24
 Nitrobenzene
 Concen: 38.89 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion: 77 Resp: 184580
 Ion Ratio Lower Upper
 77 100
 123 50.3 38.9 58.3
 65 12.8 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: 44.11 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

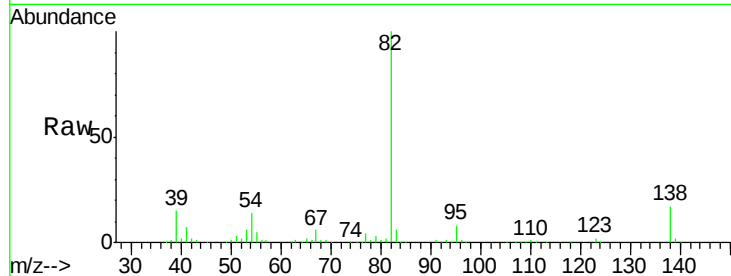
Tgt Ion: 82 Resp: 365883

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

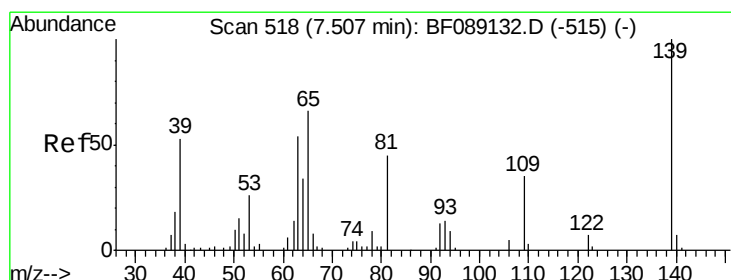
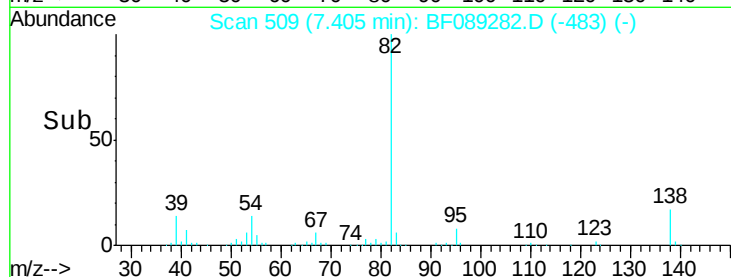
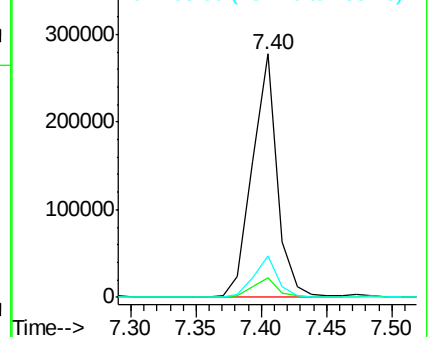
138 17.2 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.99 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

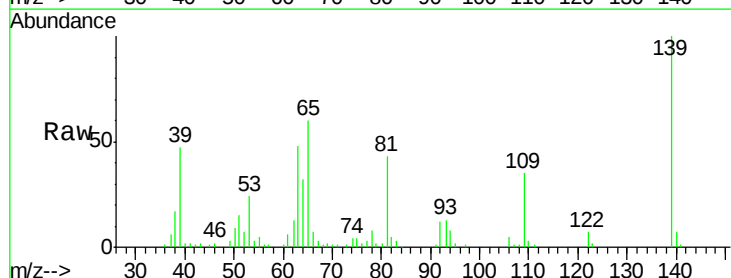
Tgt Ion: 139 Resp: 81891

Ion Ratio Lower Upper

139 100

109 35.1 28.1 42.1

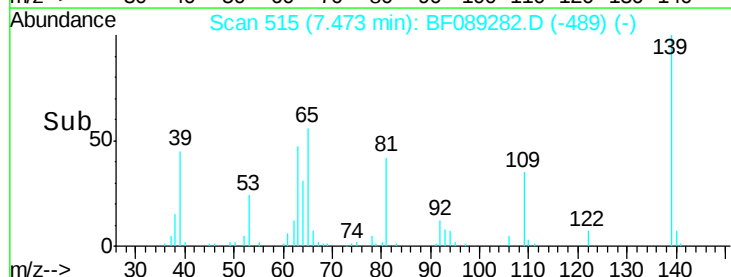
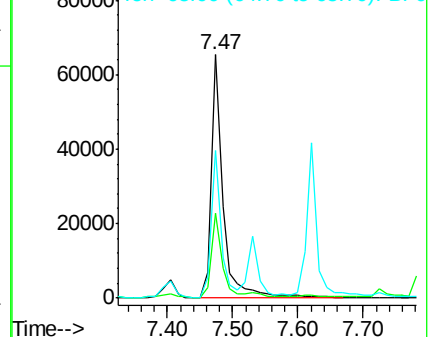
65 60.5 52.7 79.1

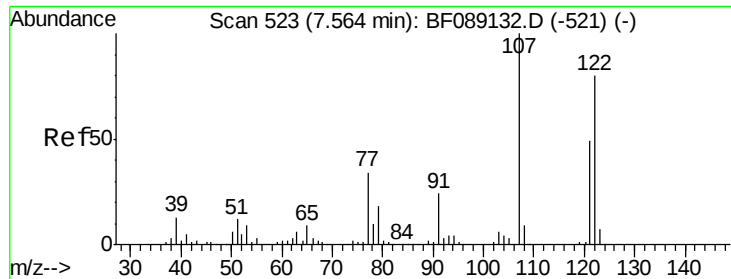


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

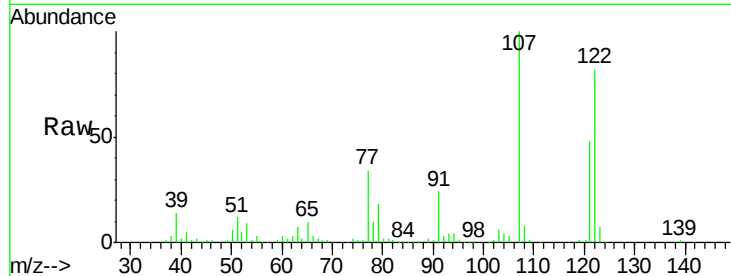




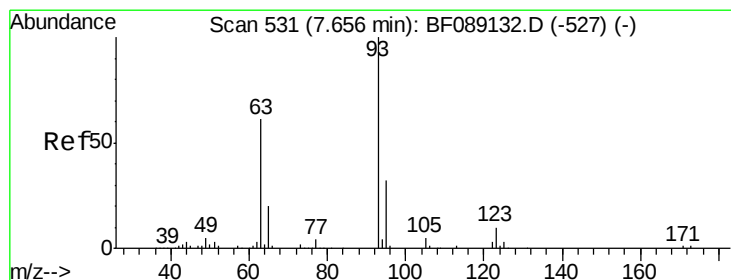
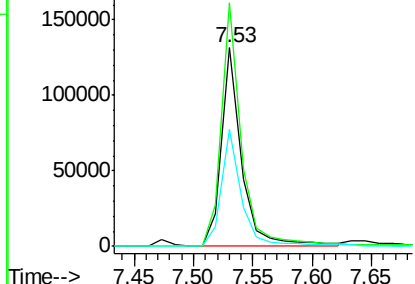
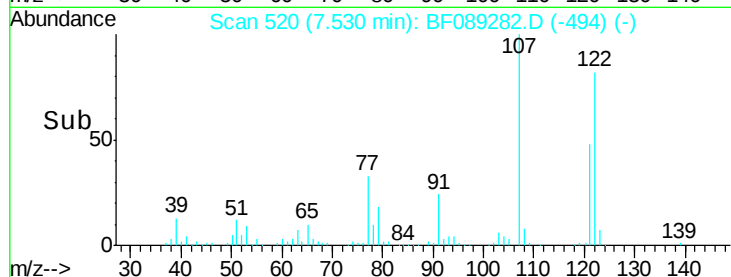
#27
 2,4-Dimethylphenol
 Concen: 41.24 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

Tgt Ion:122 Resp: 153800
 Ion Ratio Lower Upper
 122 100
 107 122.6 99.7 149.5
 121 59.0 48.5 72.7

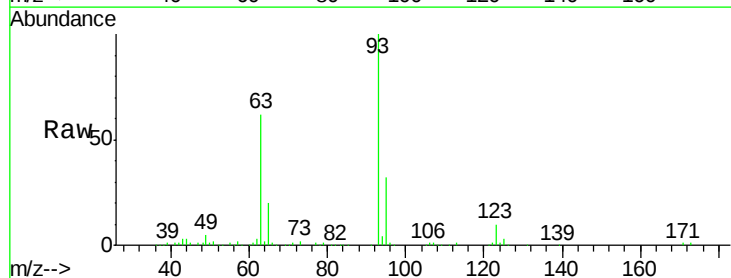


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

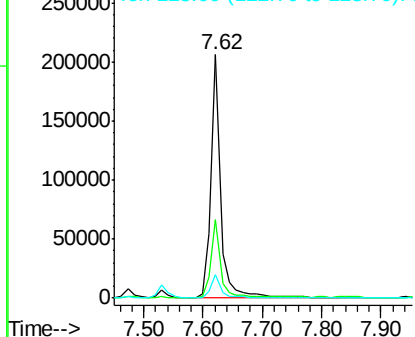
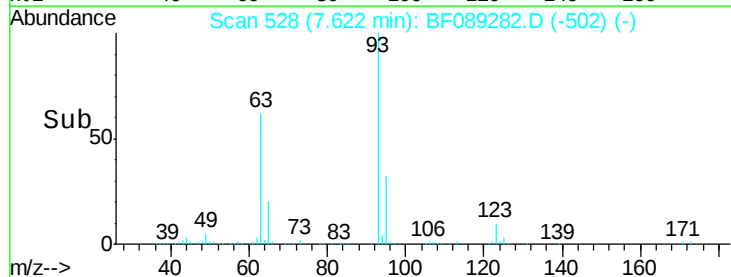


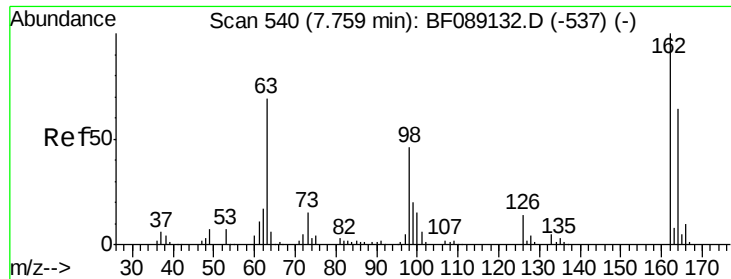
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.47 ng
 RT: 7.62 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion: 93 Resp: 235861
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.4 38.0
 123 9.8 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

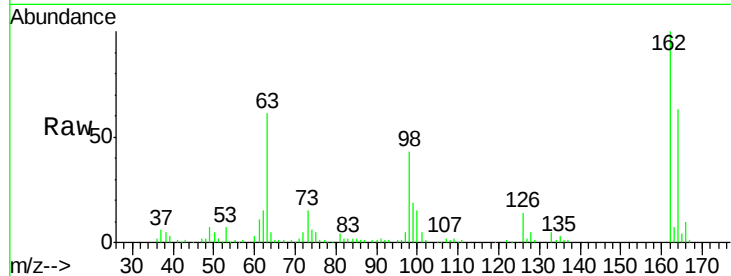




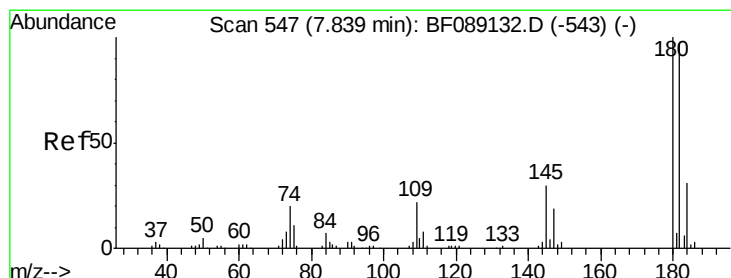
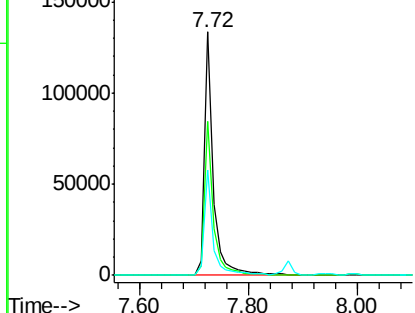
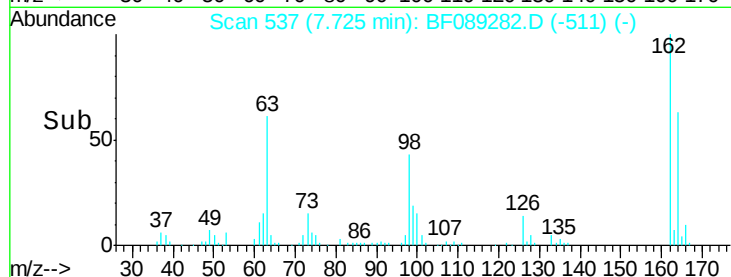
#29
 2,4-Dichlorophenol
 Concen: 44.77 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

Tgt Ion:162 Resp: 150486
 Ion Ratio Lower Upper
 162 100
 164 63.4 44.0 84.0
 98 43.2 26.0 66.0

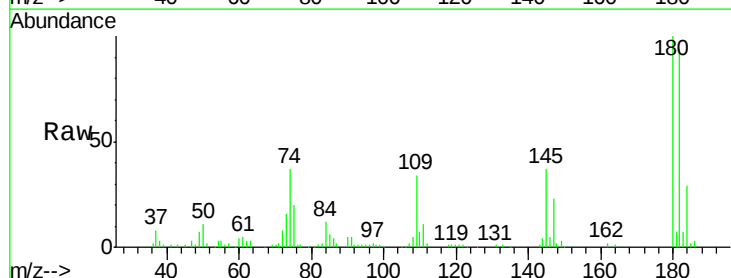


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

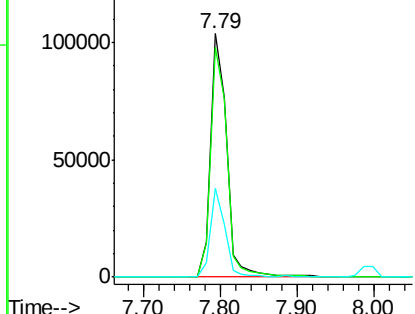
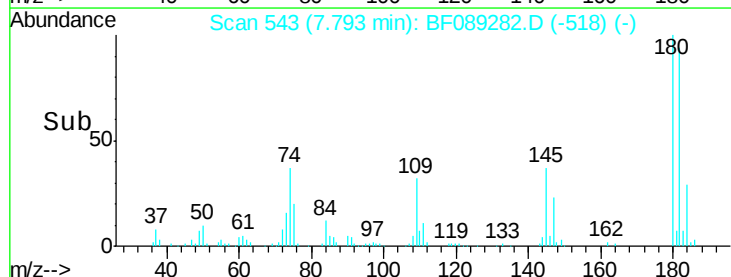


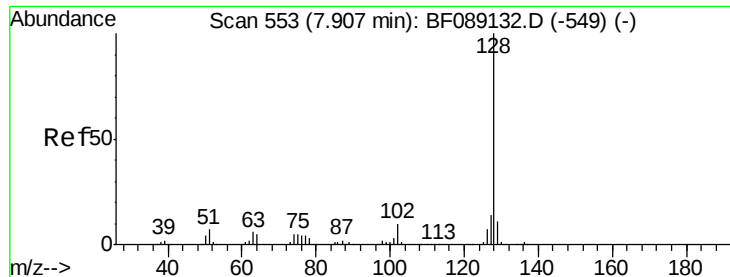
#30
 1,2,4-Trichlorobenzene
 Concen: 40.30 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion:180 Resp: 149959
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.6 116.4
 145 36.6 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

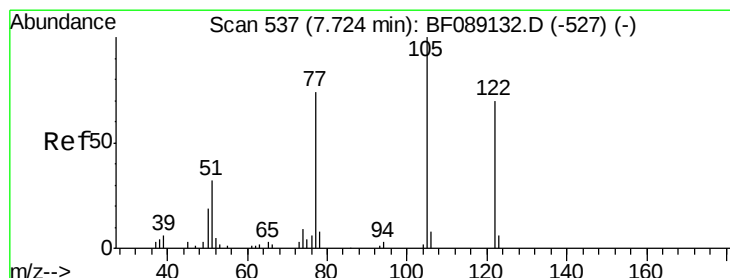
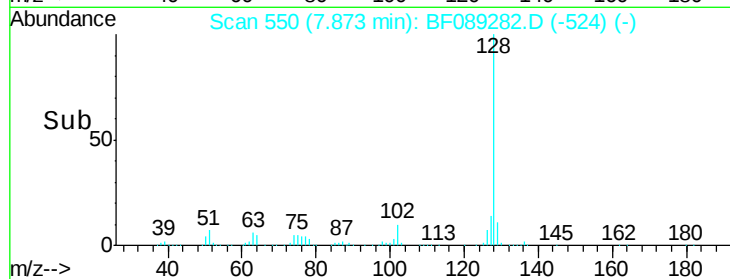
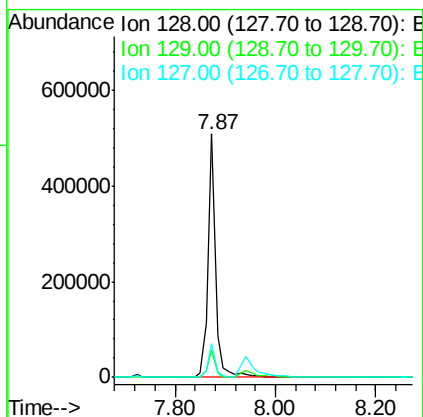
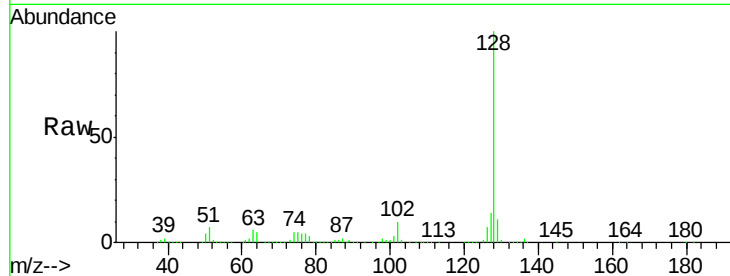




#31
Naphthalene
Concen: 42.07 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

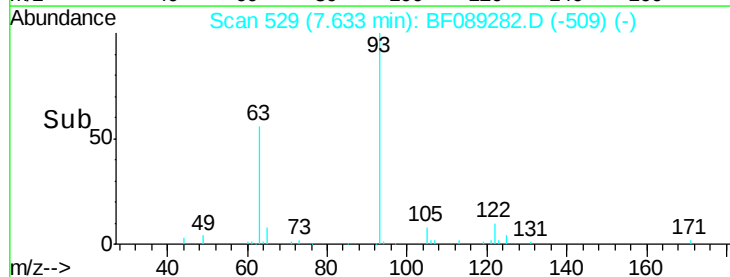
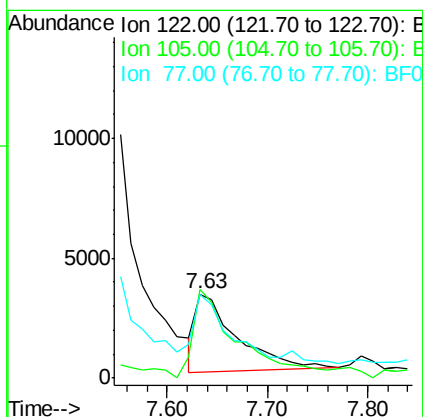
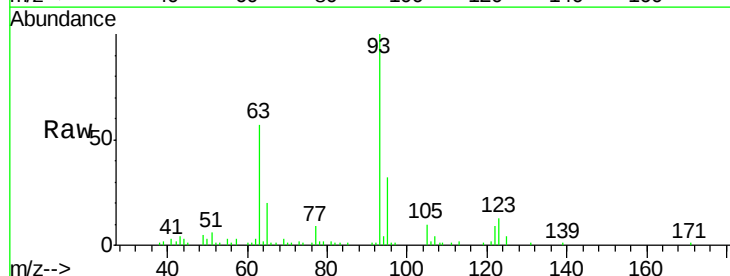
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

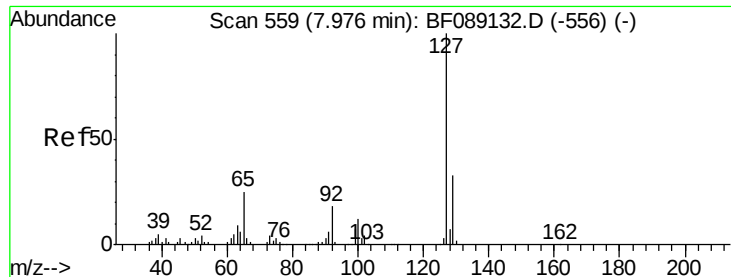
Tgt Ion:128 Resp: 542928
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 3.20 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.07 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion:122 Resp: 9185
Ion Ratio Lower Upper
122 100
105 106.3 119.0 159.0#
77 99.6 84.7 124.7

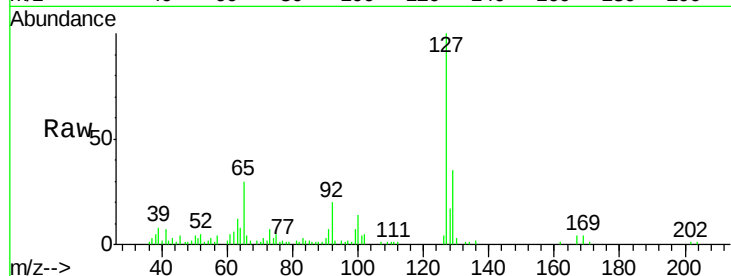




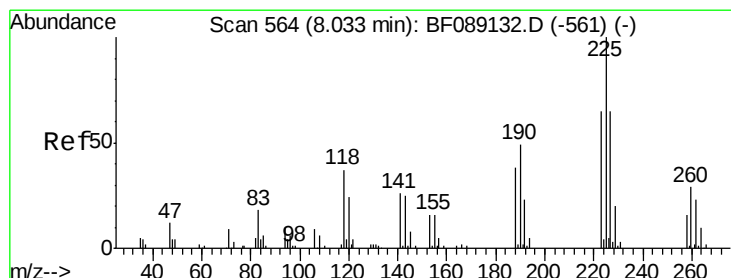
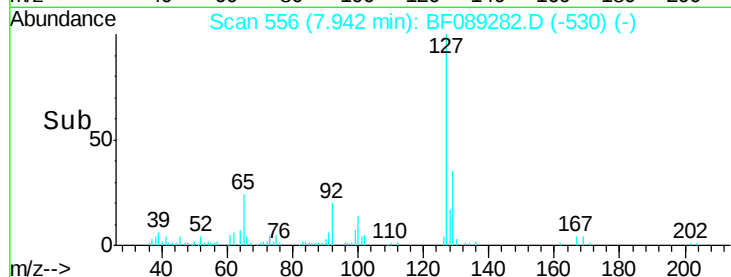
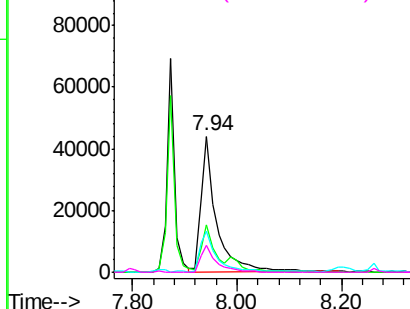
#33
4-Chloroaniline
Concen: 16.64 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

Tgt Ion:	127	Resp:	90322
Ion	Ratio	Lower	Upper
127	100		
129	34.6	25.9	38.9
65	30.0	19.7	29.5#
92	19.7	14.3	21.5

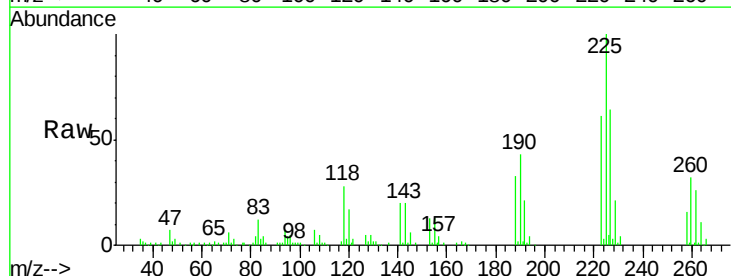


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

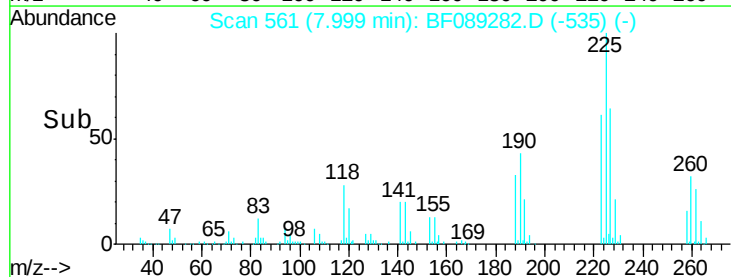
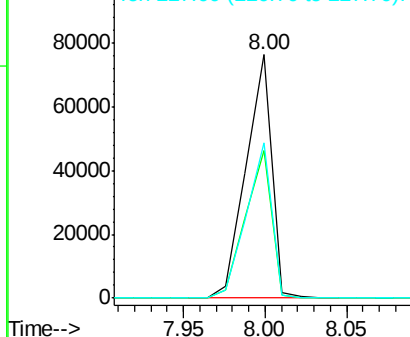


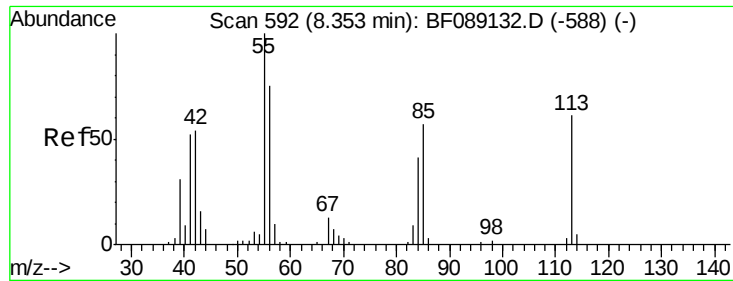
#34
Hexachlorobutadiene
Concen: 40.20 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion:	225	Resp:	83253
Ion	Ratio	Lower	Upper
225	100		
223	60.7	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: 42.02 ng

RT: 8.32 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

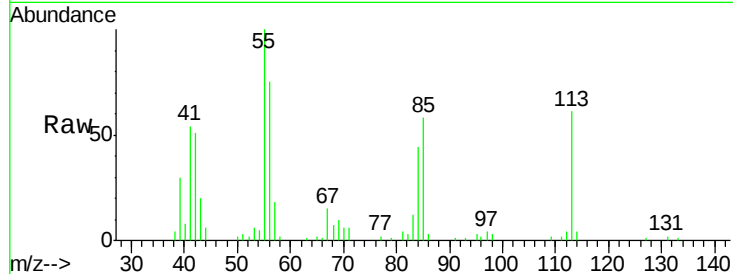
Tgt Ion:113 Resp: 43861

Ion Ratio Lower Upper

113 100

55 163.8 145.3 185.3

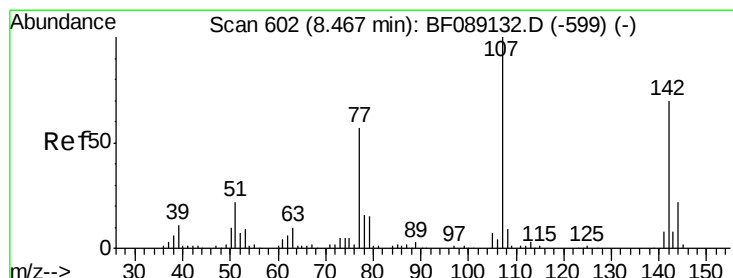
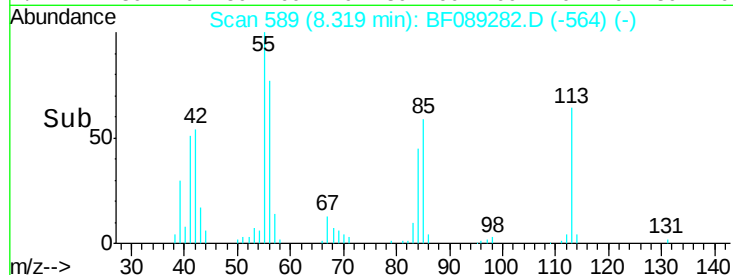
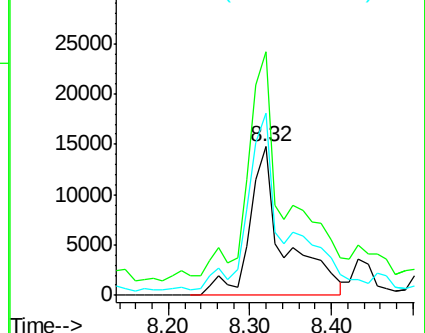
56 122.7 104.3 144.3



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: 40.77 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

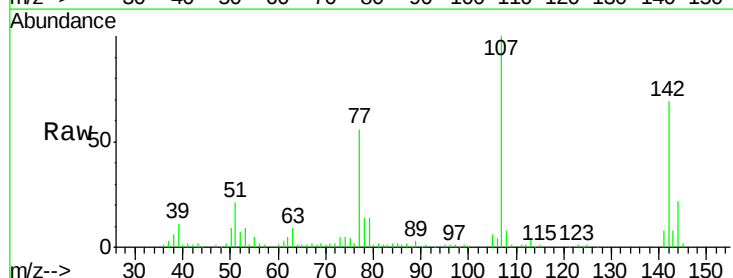
Tgt Ion:107 Resp: 165088

Ion Ratio Lower Upper

107 100

144 21.8 17.8 26.6

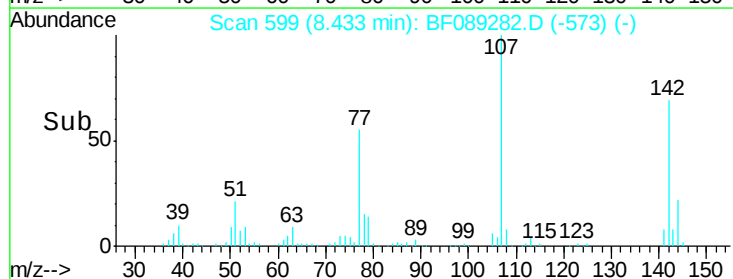
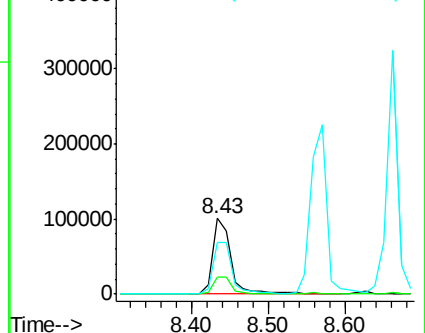
142 68.7 56.1 84.1

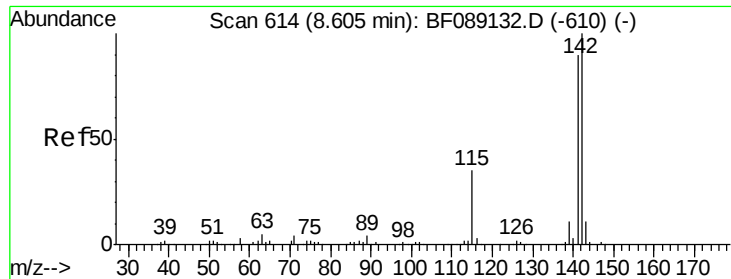


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

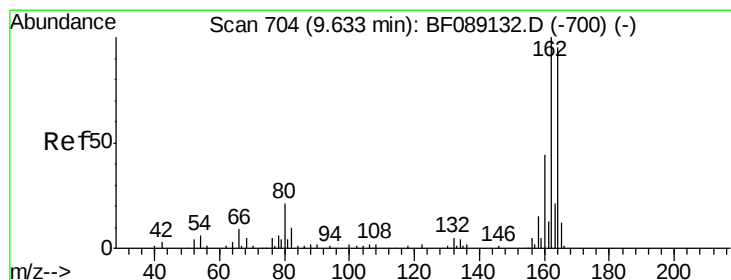
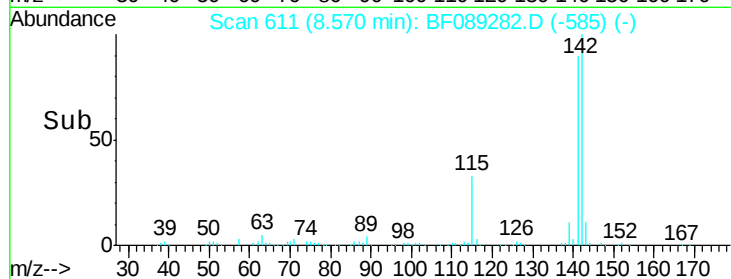
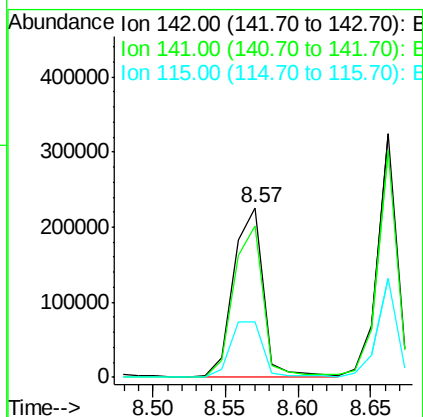
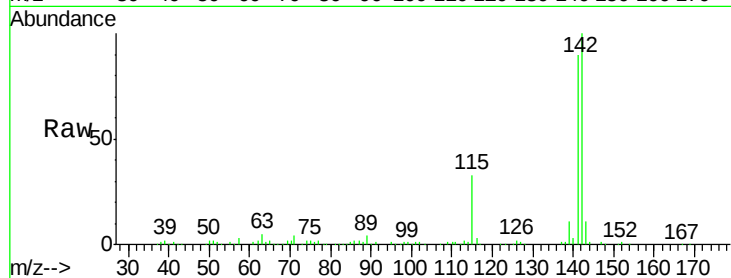




#37
2-Methylnaphthalene
Concen: 39.25 ng
RT: 8.57 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

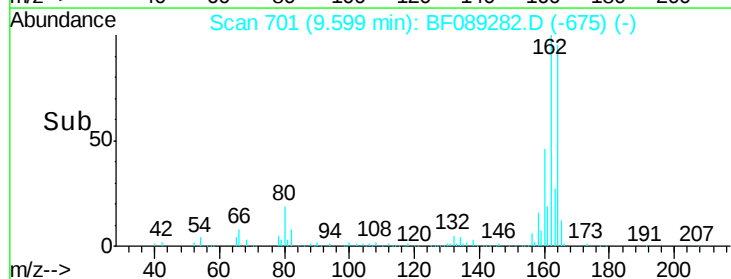
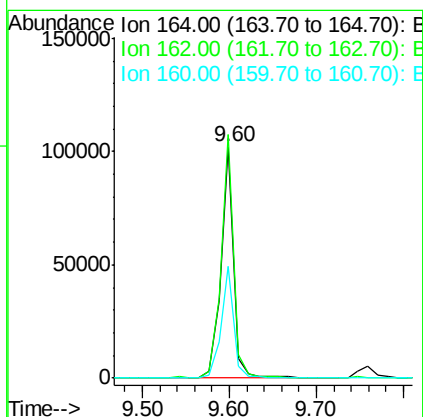
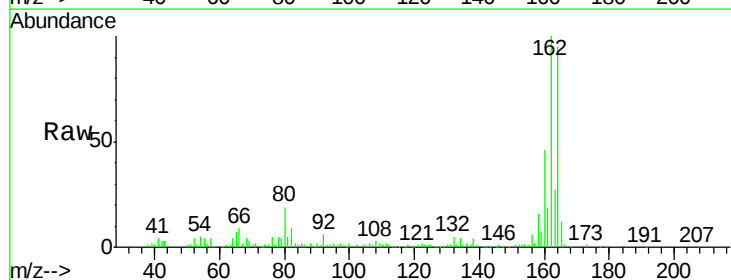
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

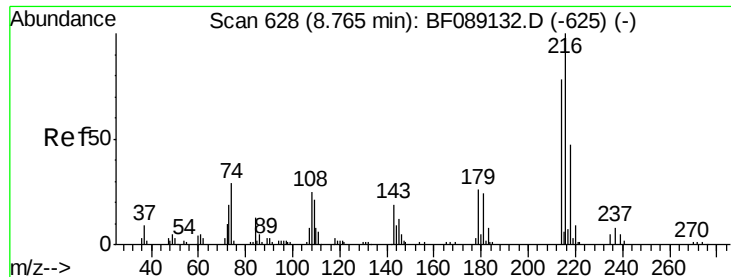
Tgt Ion:142 Resp: 322997
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4
115 33.1 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion:164 Resp: 105495
Ion Ratio Lower Upper
164 100
162 105.2 84.1 126.1
160 48.1 37.1 55.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.18 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

Tgt Ion:216 Resp: 137922

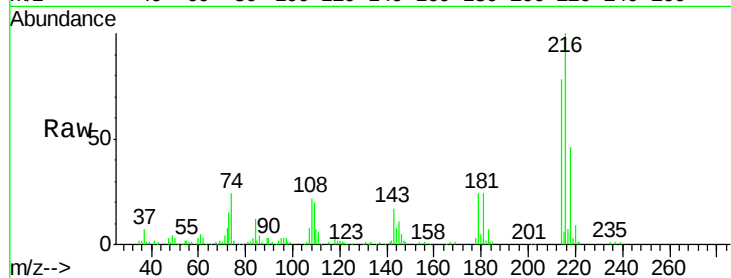
Ion Ratio Lower Upper

216 100

214 77.7 61.9 92.9

179 23.9 18.4 27.6

108 22.3 17.0 25.6

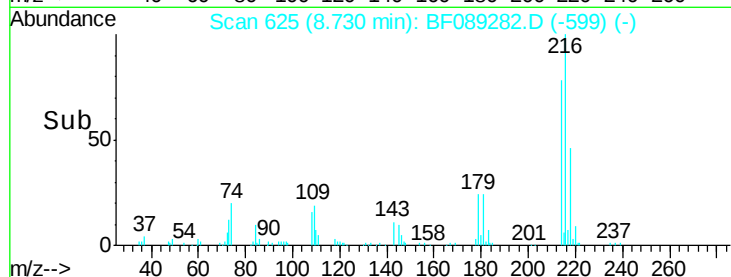


Abundance Ion 216.00 (215.70 to 216.70): E

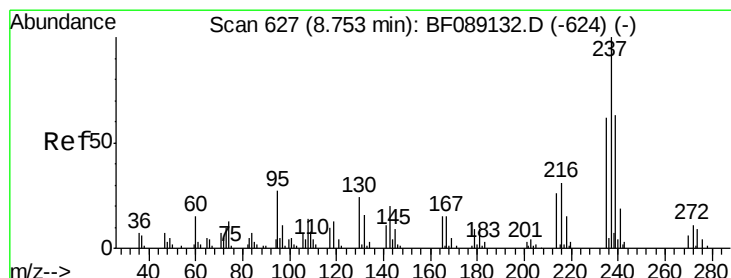
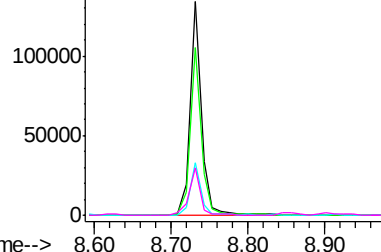
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 25.21 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

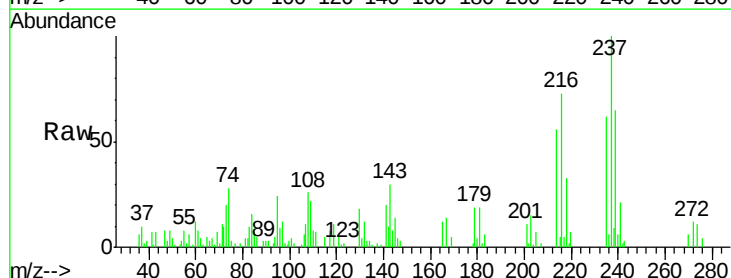
Tgt Ion:237 Resp: 24599

Ion Ratio Lower Upper

237 100

235 62.2 42.1 82.1

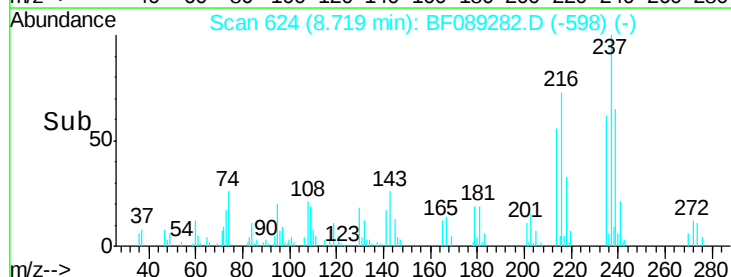
272 12.4 0.0 31.4



Abundance Ion 236.80 (236.50 to 237.50): E

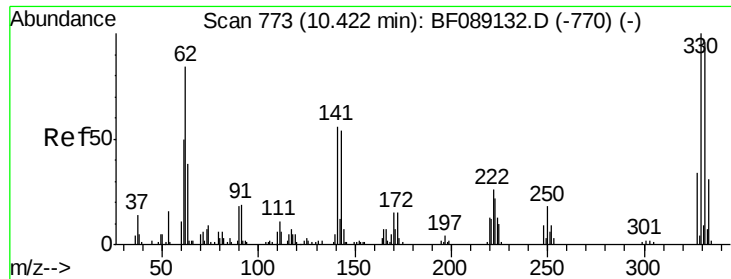
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

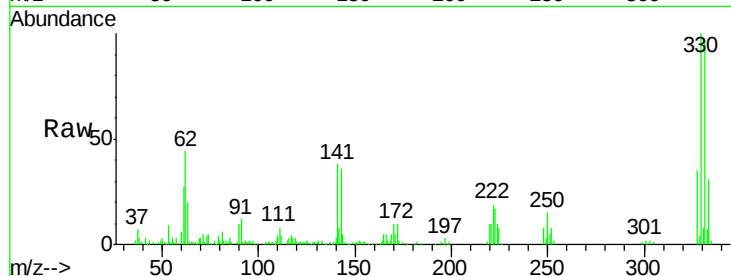




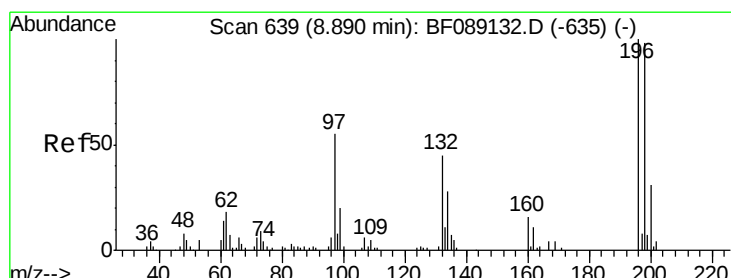
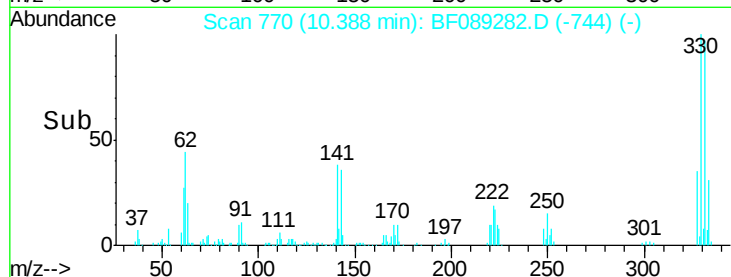
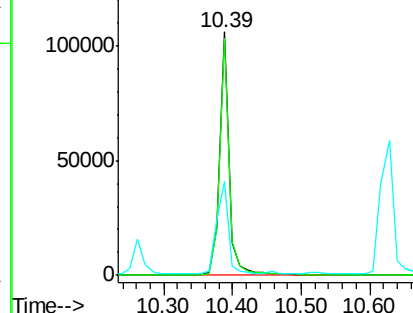
#41
 2,4,6-Tribromophenol
 Concen: 111.57 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

Tgt Ion:330 Resp: 105966
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.2 115.8
 141 46.1 42.2 63.2

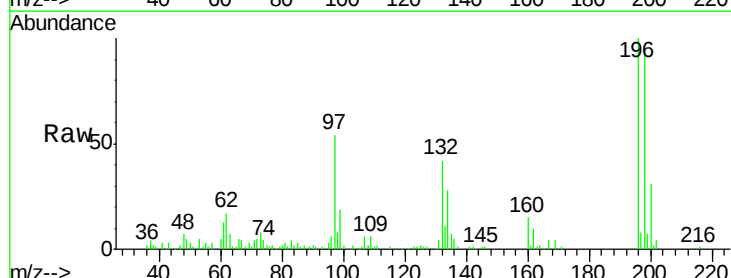


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

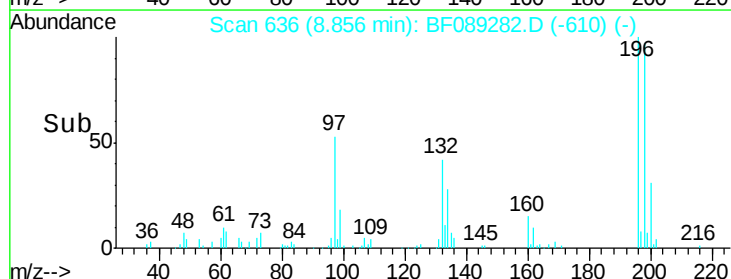
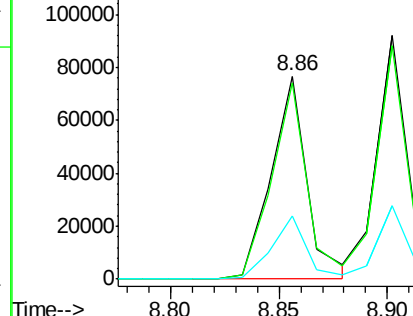


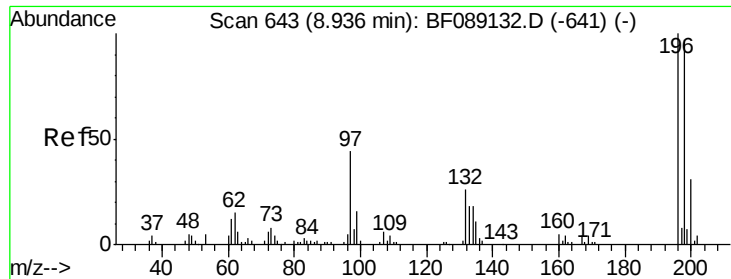
#42
 2,4,6-Trichlorophenol
 Concen: 40.43 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion:196 Resp: 88736
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.3 117.5
 200 30.9 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

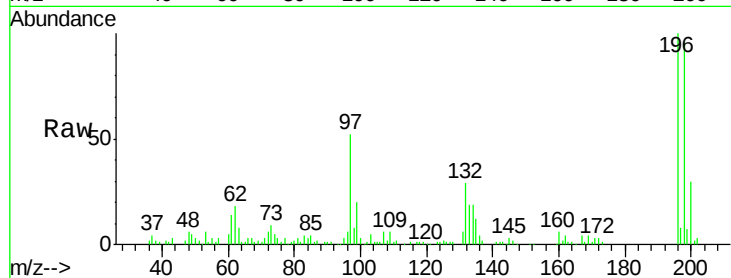




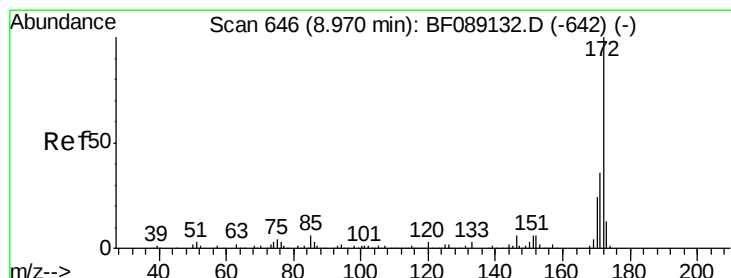
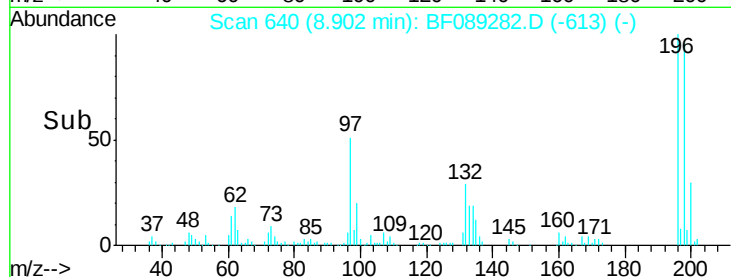
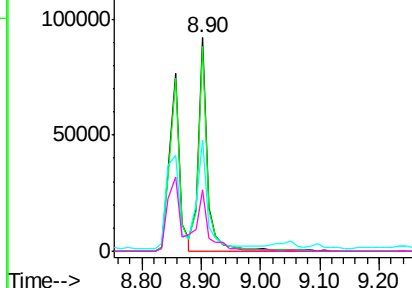
#43
 2,4,5-Trichlorophenol
 Concen: 46.88 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.6	116.4
97	52.3	36.5	54.7
132	29.0	21.2	31.8

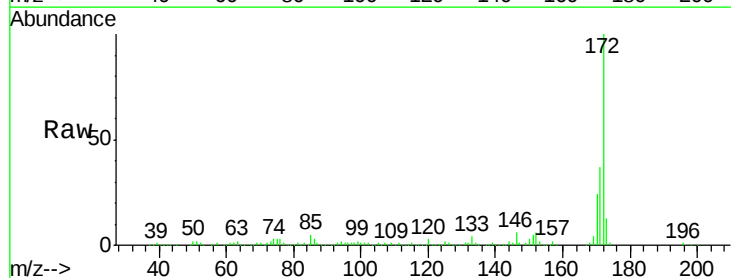


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

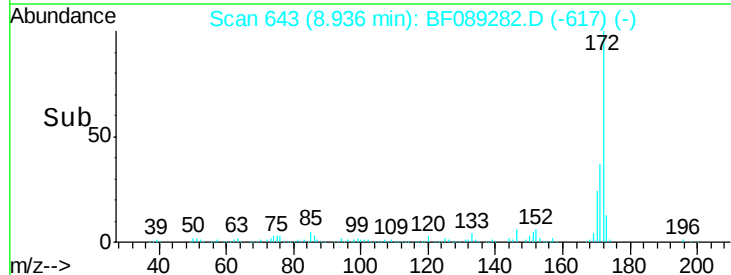
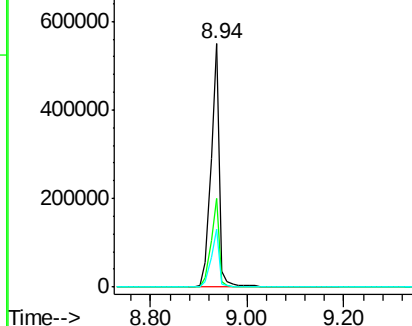


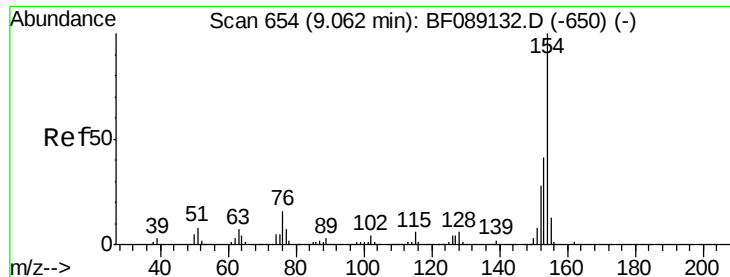
#44
 2-Fluorobiphenyl
 Concen: 87.63 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	23.9	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

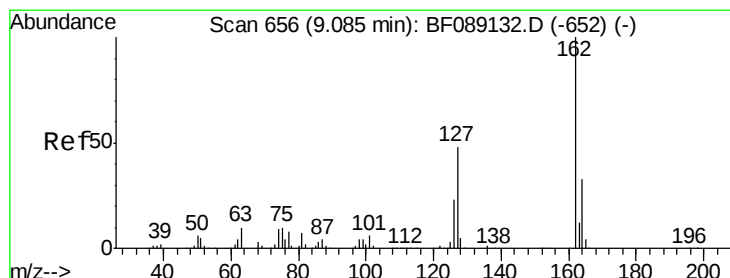
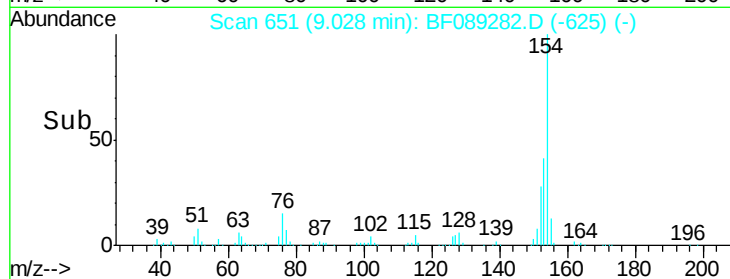
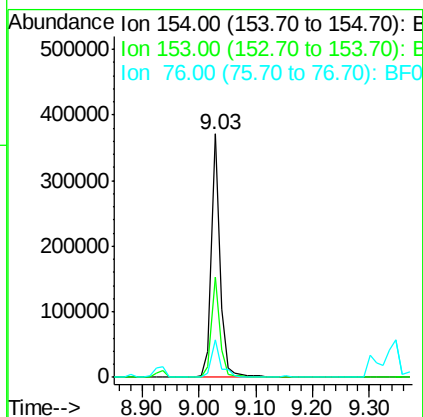
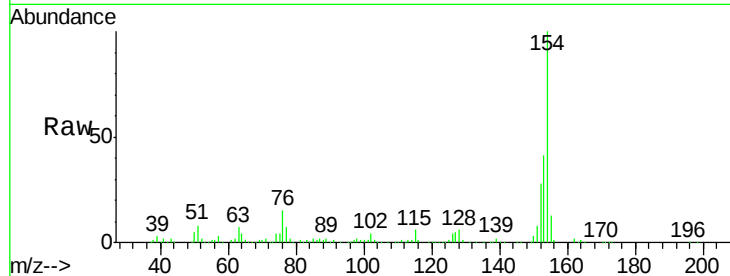




#45
 1,1'-Biphenyl
 Concen: 40.38 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

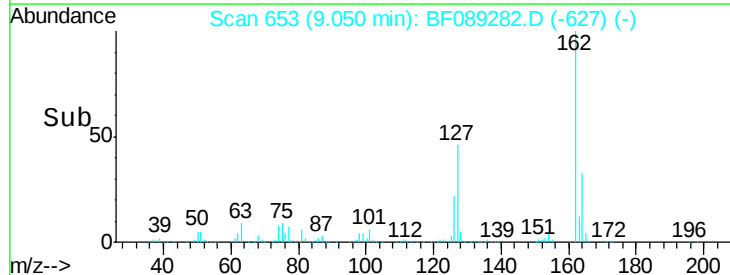
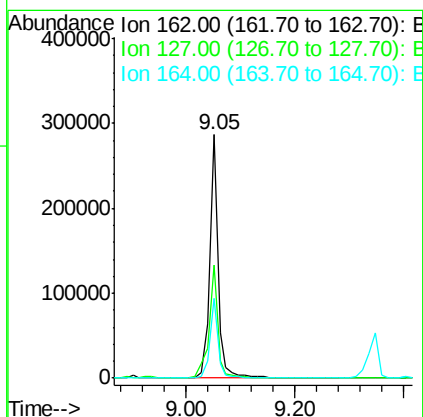
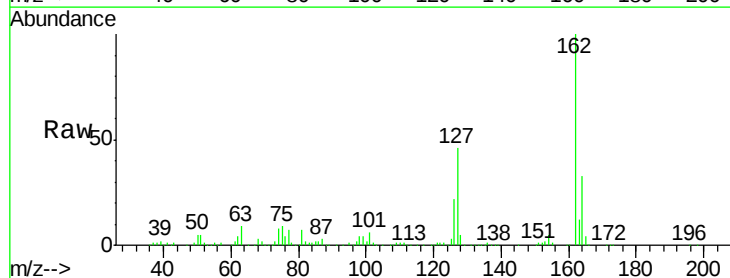
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MS

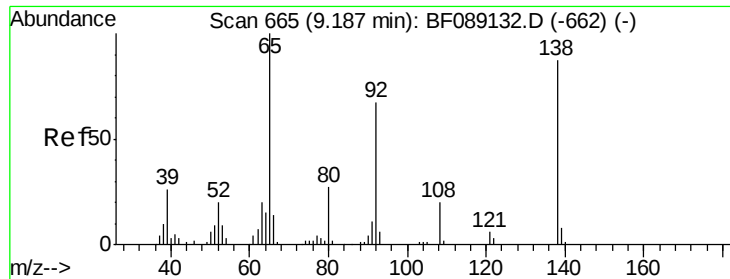
Tgt Ion:154 Resp: 383625
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.1 61.1
 76 15.3 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 42.45 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion:162 Resp: 306429
 Ion Ratio Lower Upper
 162 100
 127 46.4 38.1 57.1
 164 33.0 26.1 39.1

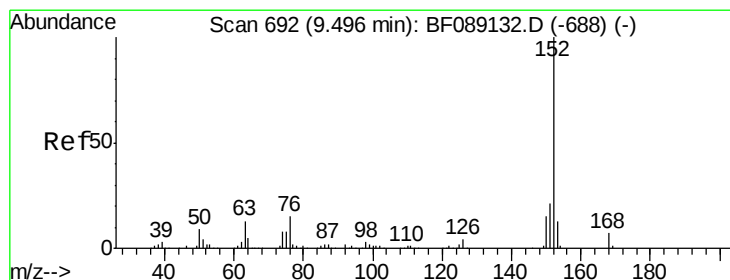
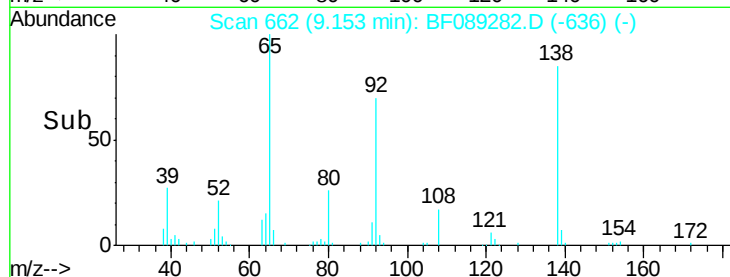
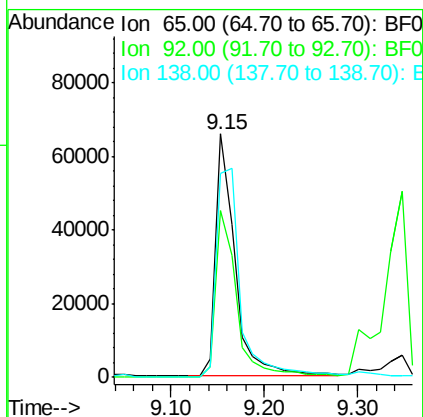
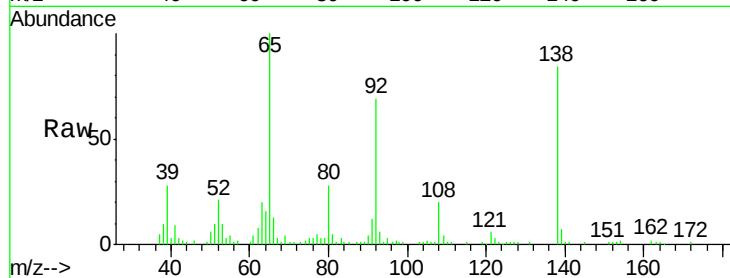




#47
2-Nitroaniline
Concen: 38.74 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

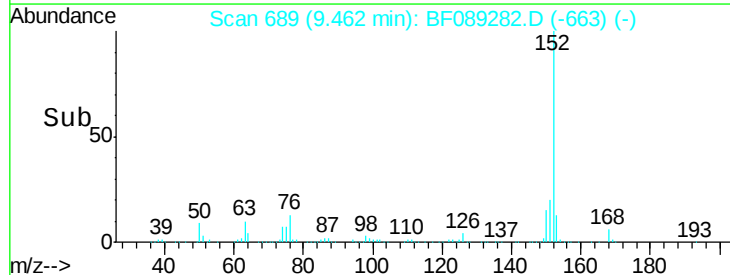
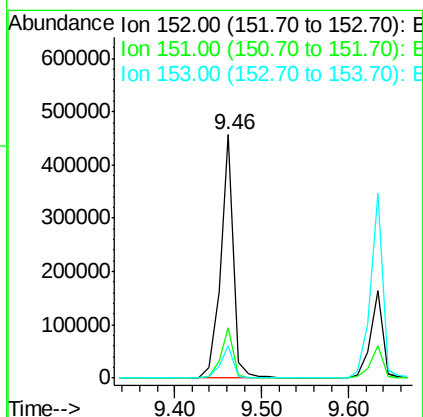
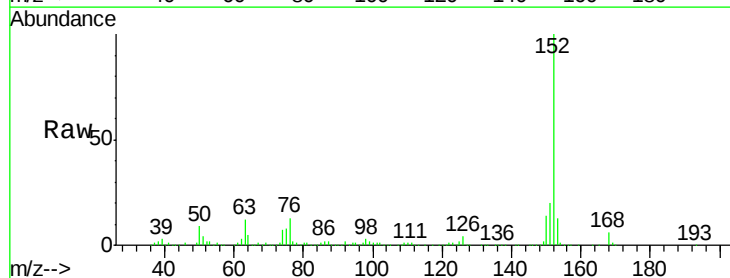
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

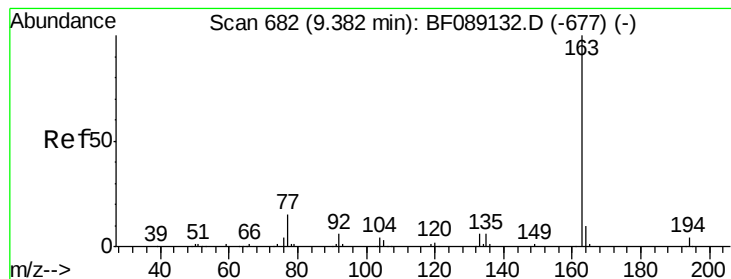
Tgt Ion: 65 Resp: 95945
Ion Ratio Lower Upper
65 100
92 68.7 53.2 79.8
138 83.8 69.4 104.2



#48
Acenaphthylene
Concen: 41.67 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion: 152 Resp: 473011
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 82.16 ng

RT: 9.35 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

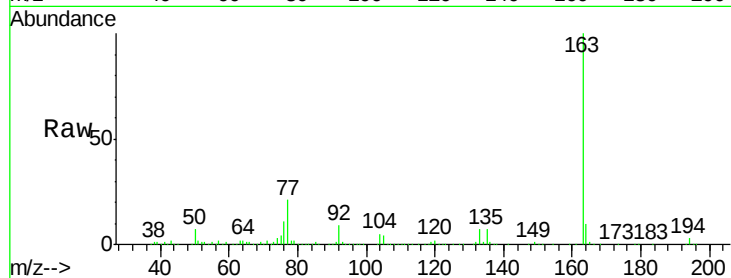
Tgt Ion:163 Resp: 665126

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

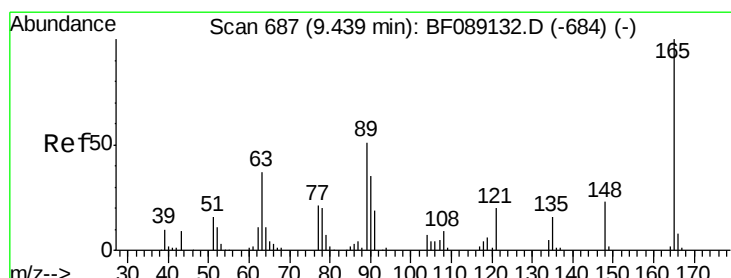
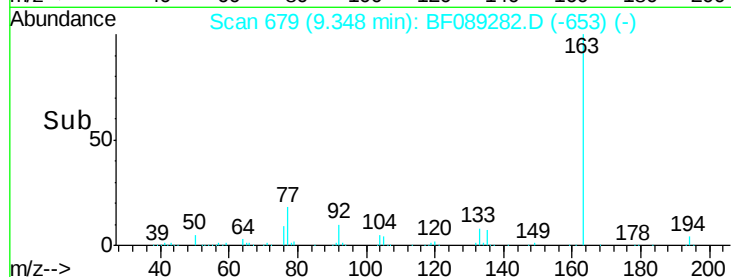
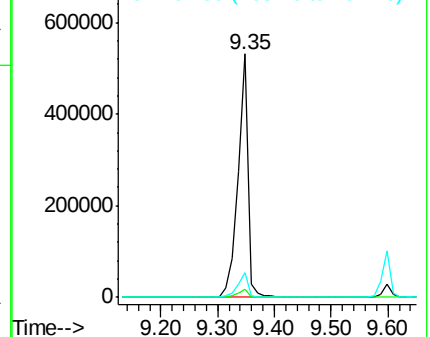
164 10.0 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.14 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

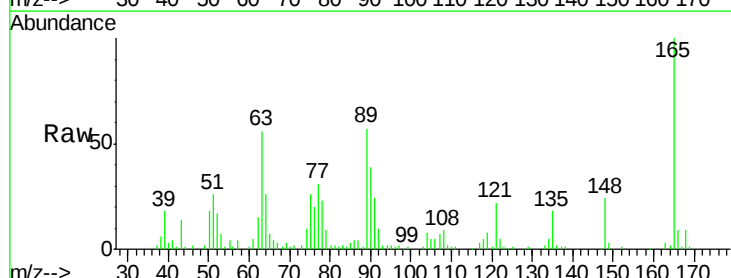
Tgt Ion:165 Resp: 80669

Ion Ratio Lower Upper

165 100

63 56.5 37.0 55.4#

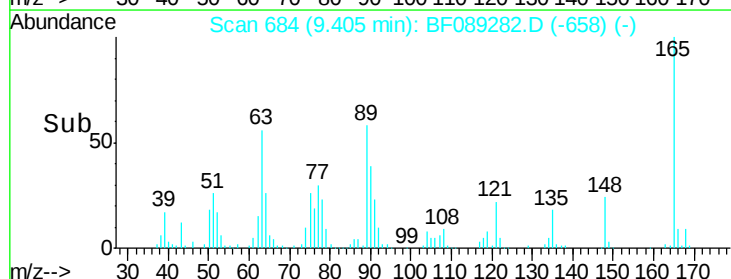
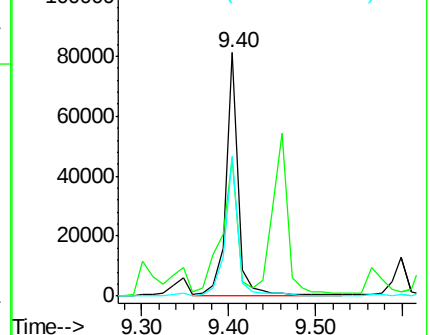
89 57.4 40.9 61.3

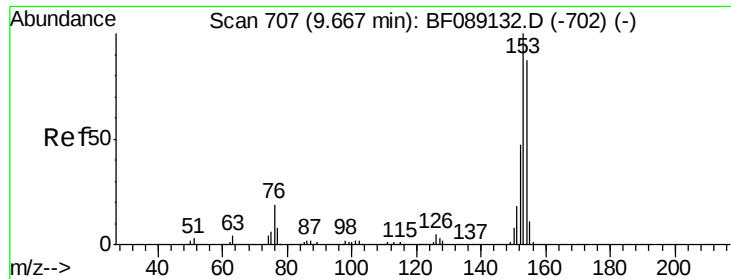


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

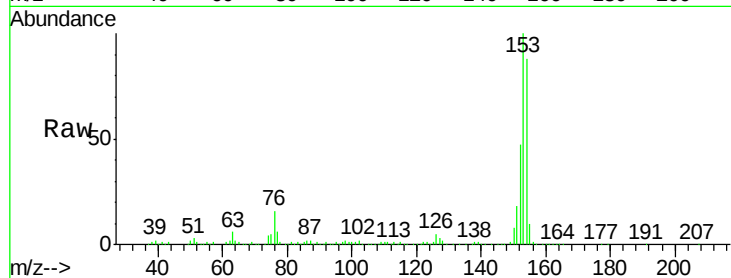




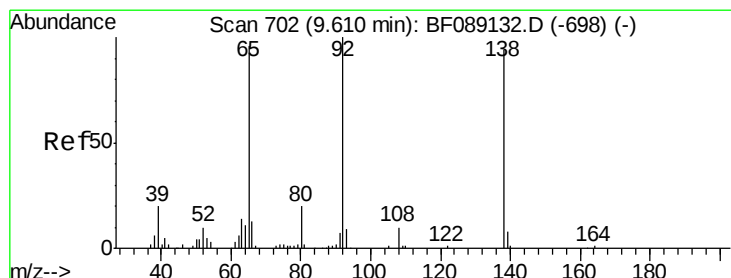
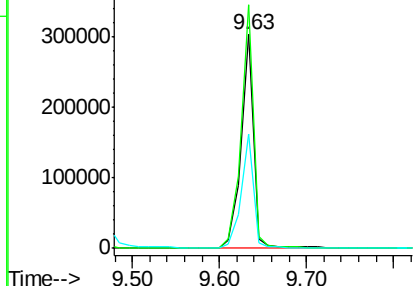
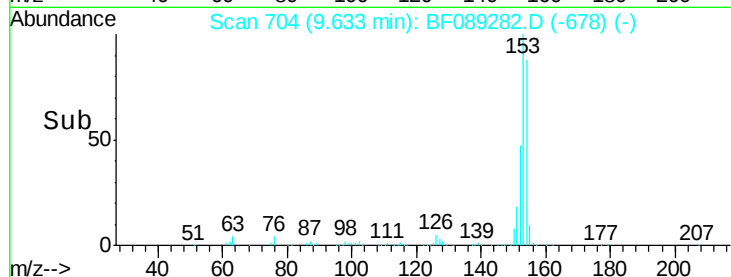
#51
Acenaphthene
Concen: 44.77 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

Tgt Ion:154 Resp: 300590
Ion Ratio Lower Upper
154 100
153 113.8 91.9 137.9
152 53.7 42.8 64.2

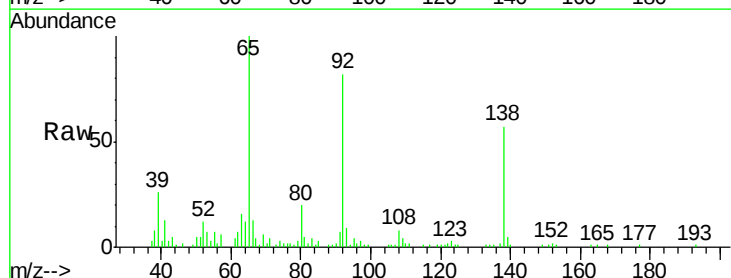


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

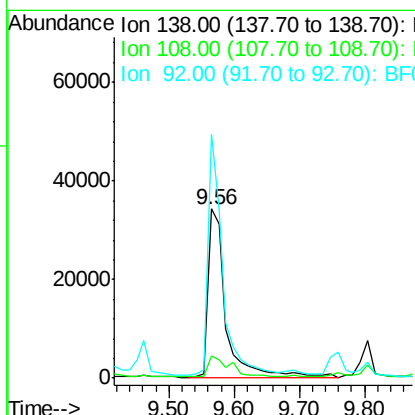
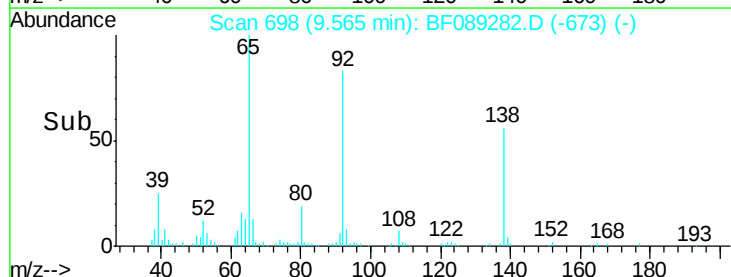


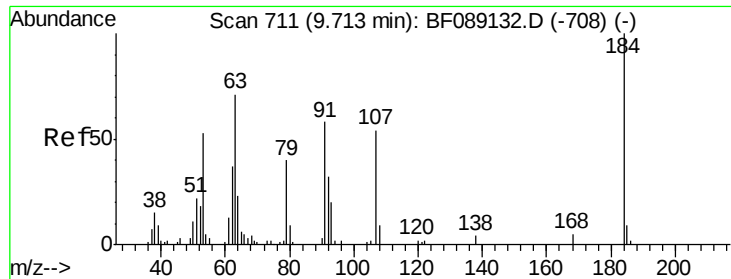
#52
3-Nitroaniline
Concen: 30.90 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion:138 Resp: 67072
Ion Ratio Lower Upper
138 100
108 13.4 8.8 13.2#
92 144.2 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

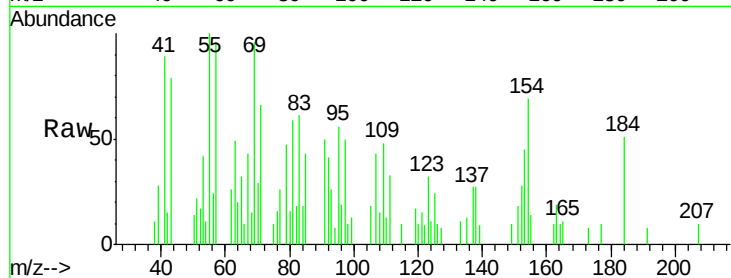




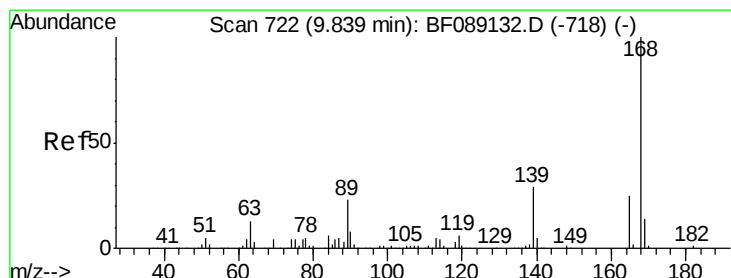
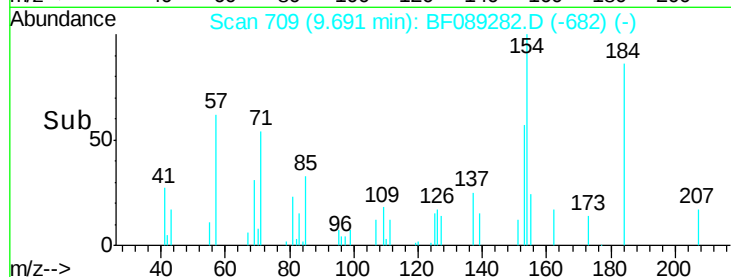
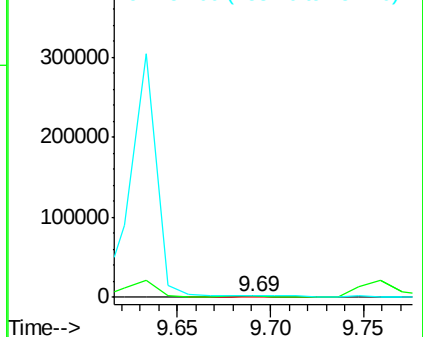
#53
2,4-Dinitrophenol
Concen: 12.45 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

Tgt Ion:184 Resp: 4083
Ion Ratio Lower Upper
184 100
63 95.3 60.3 90.5#
154 135.0 60.7 91.1#

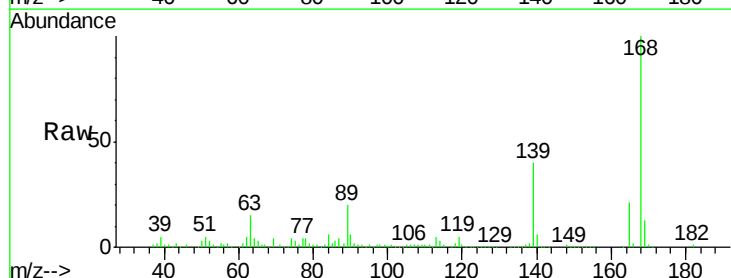


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

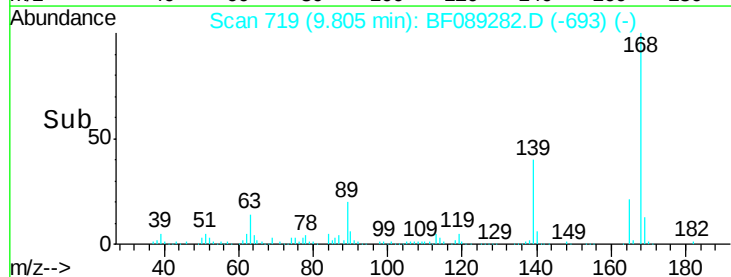
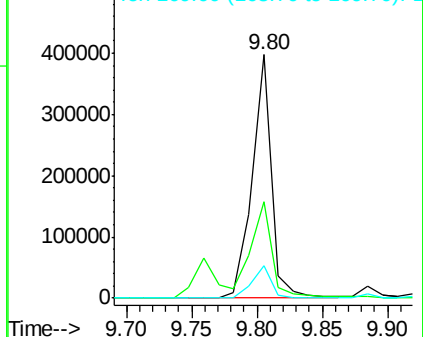


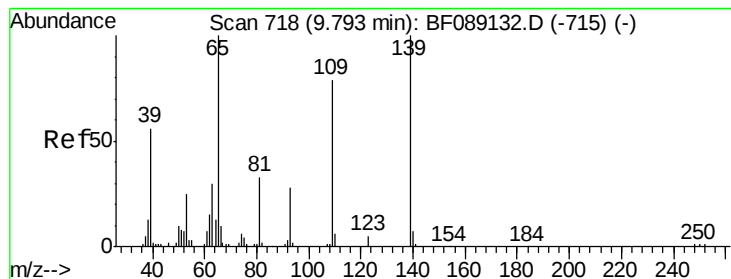
#54
Dibenzofuran
Concen: 45.57 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion:168 Resp: 413467
Ion Ratio Lower Upper
168 100
139 39.9 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: 63.00 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

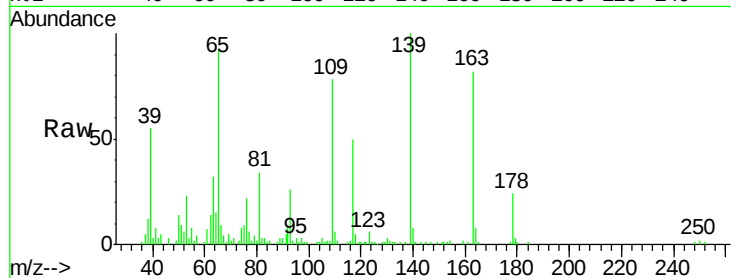
Tgt Ion:139 Resp: 82734

Ion Ratio Lower Upper

139 100

109 77.8 58.7 98.7

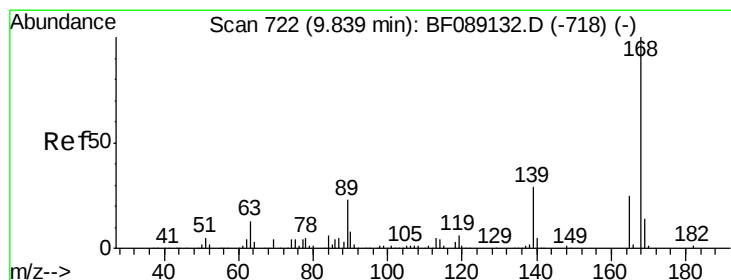
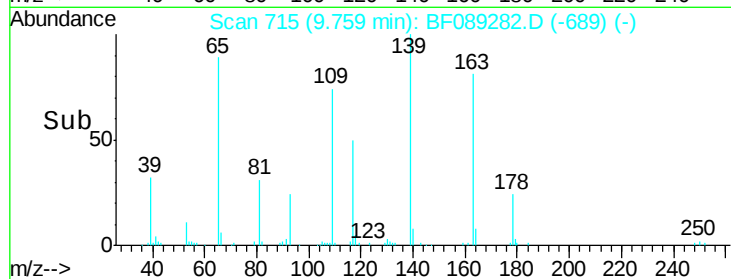
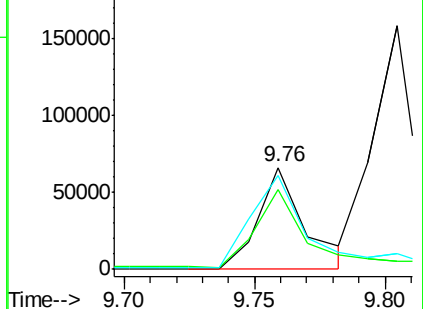
65 92.5 80.2 120.2



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: 39.38 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Tgt Ion:165 Resp: 92718

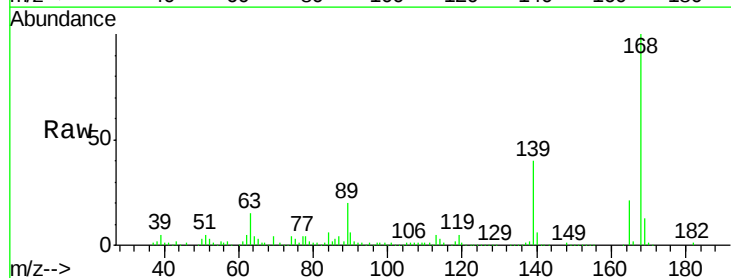
Ion Ratio Lower Upper

165 100

63 69.1 55.4 83.2

89 93.0 74.3 111.5

182 2.4 2.0 3.0

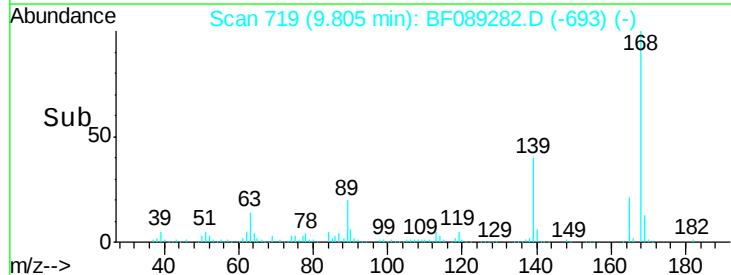
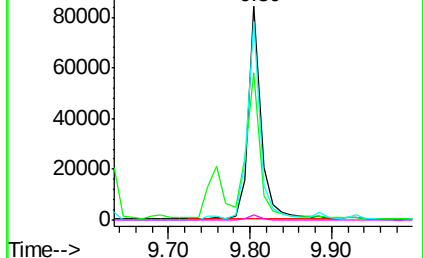


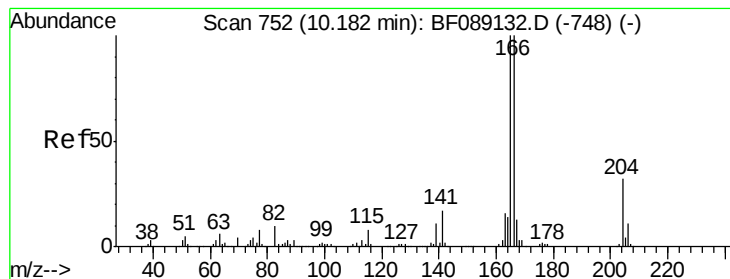
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.64 ng

RT: 10.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

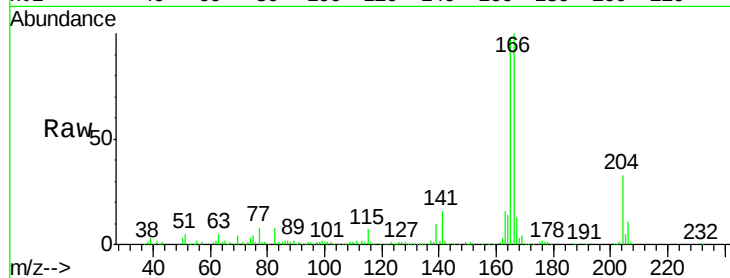
Tgt Ion:166 Resp: 312968

Ion Ratio Lower Upper

166 100

165 98.4 79.9 119.9

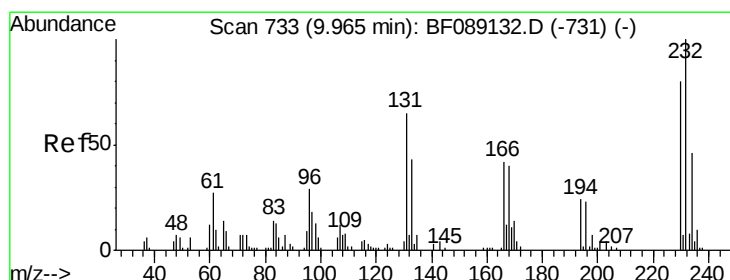
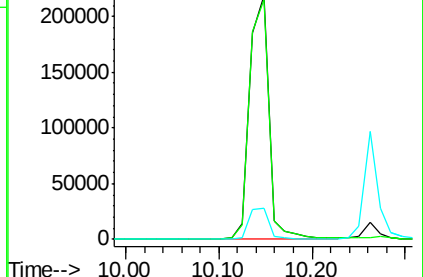
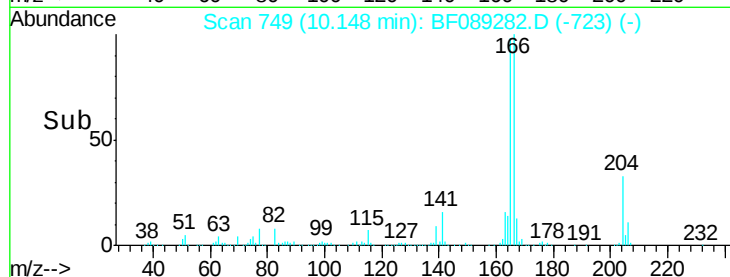
167 13.0 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.35 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Tgt Ion:232 Resp: 73333

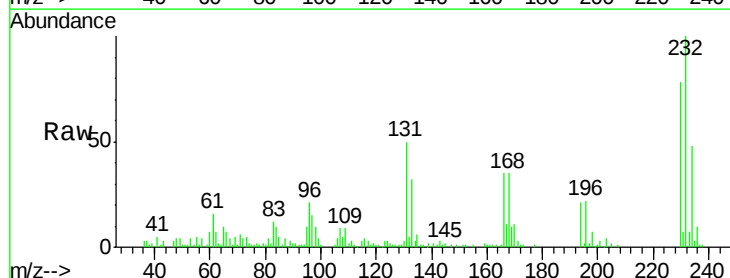
Ion Ratio Lower Upper

232 100

131 50.3 46.2 69.2

130 2.9 2.3 3.5

166 32.5 29.5 44.3

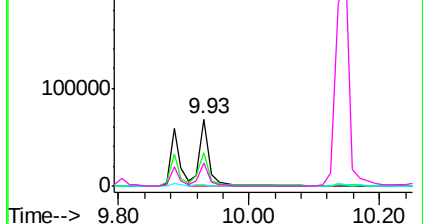
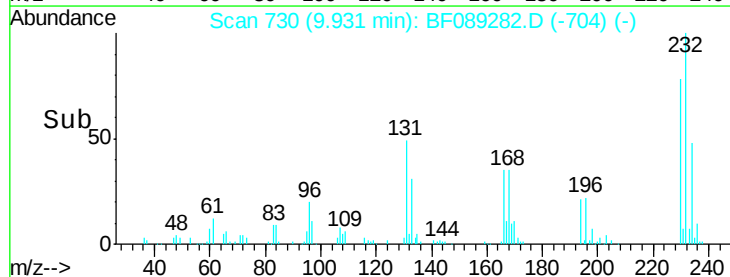


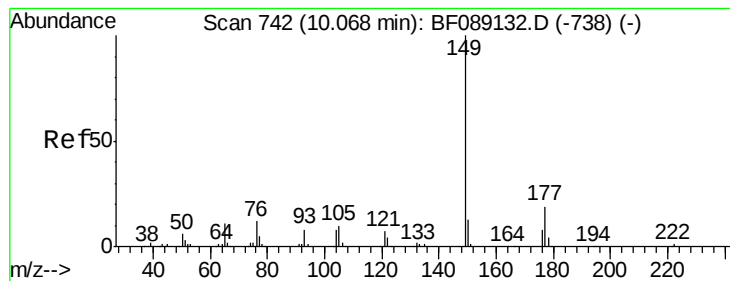
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.90 ng

RT: 10.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

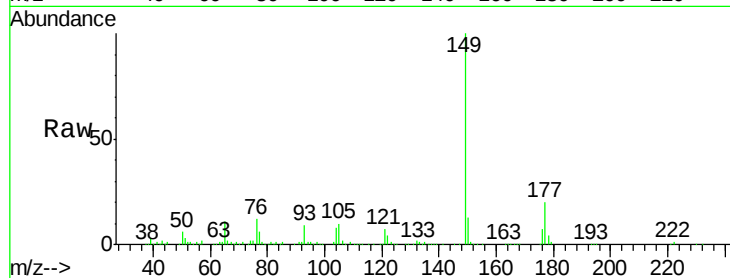
Tgt Ion:149 Resp: 344346

Ion Ratio Lower Upper

149 100

177 19.5 15.6 23.4

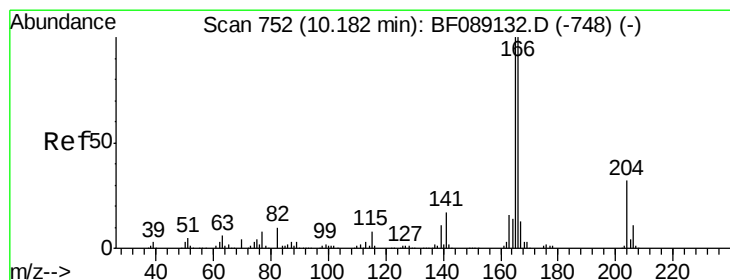
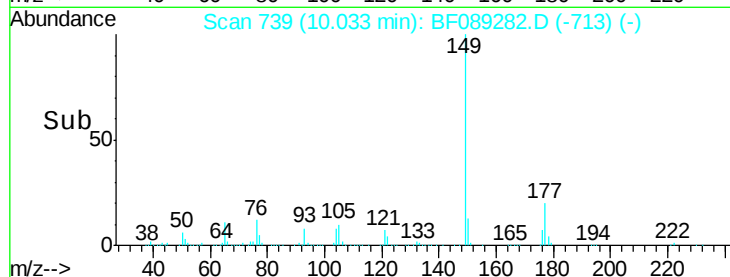
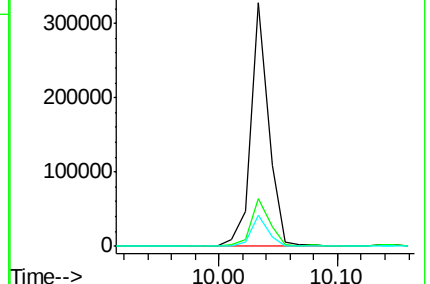
150 12.7 10.1 15.1



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: 38.84 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

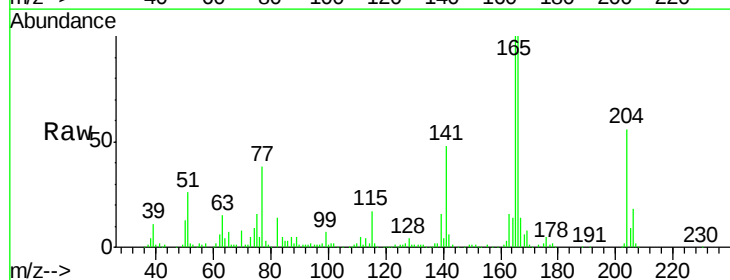
Tgt Ion:204 Resp: 136565

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.4

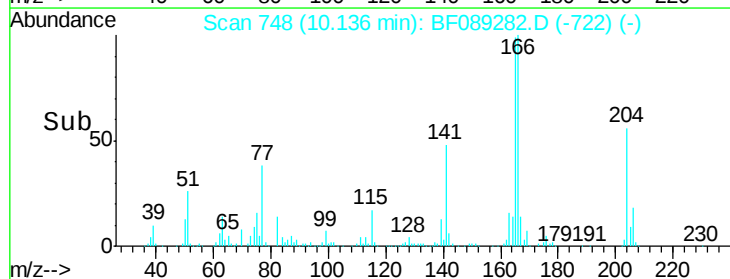
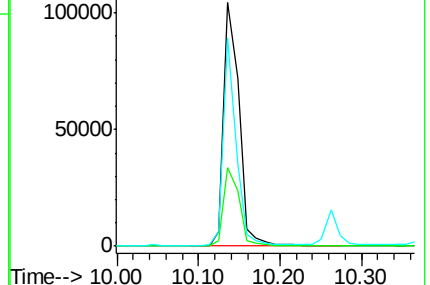
141 85.4 42.2 63.4#

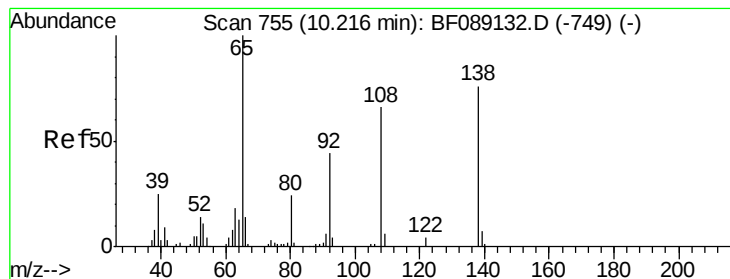


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.70 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

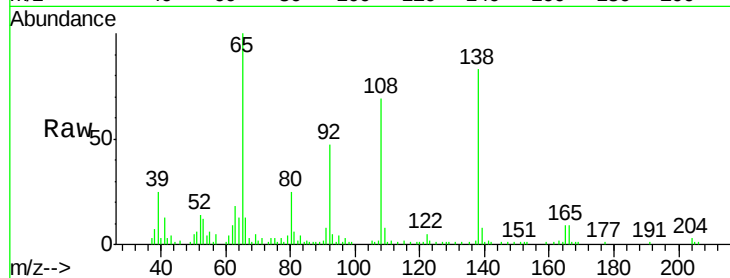
Tgt Ion:138 Resp: 79610

Ion Ratio Lower Upper

138 100

92 56.0 37.2 77.2

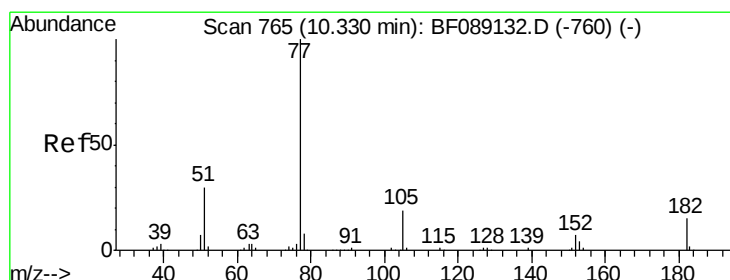
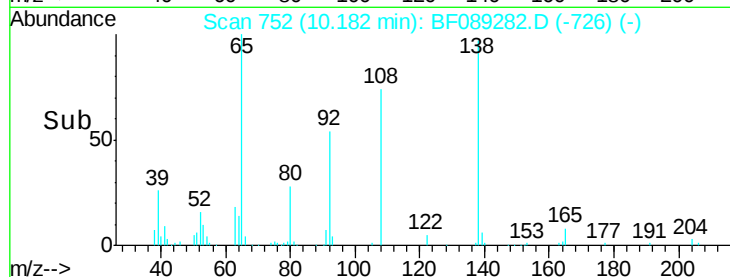
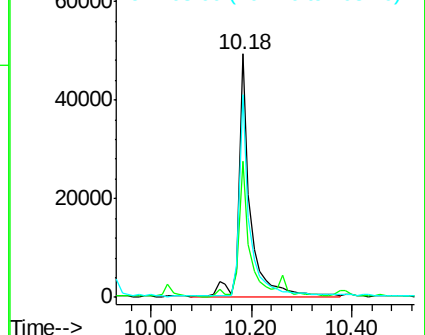
108 83.3 66.1 106.1



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: 43.39 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Tgt Ion: 77 Resp: 378520

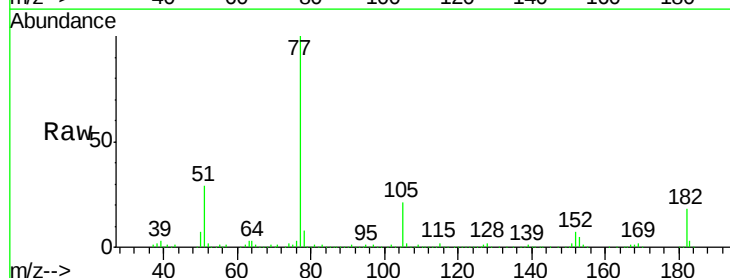
Ion Ratio Lower Upper

77 100

182 18.1 0.0 35.0

105 21.2 0.0 39.4

51 29.3 10.7 50.7

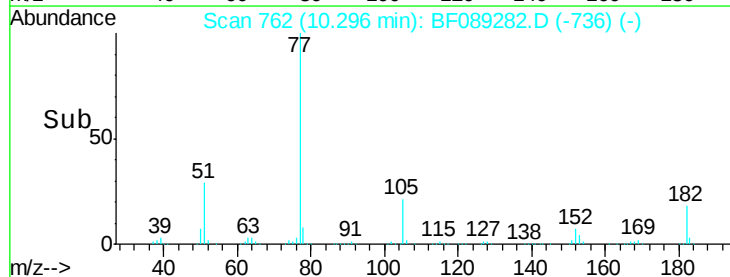
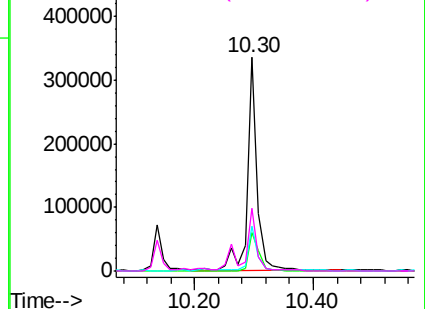


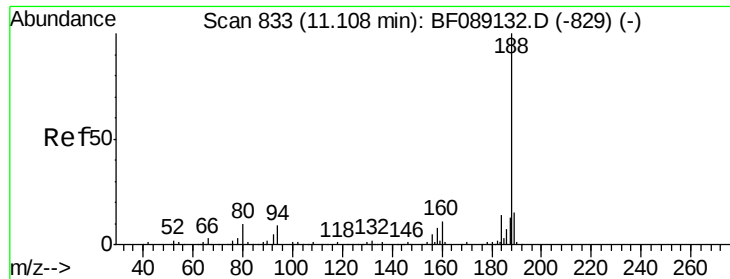
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

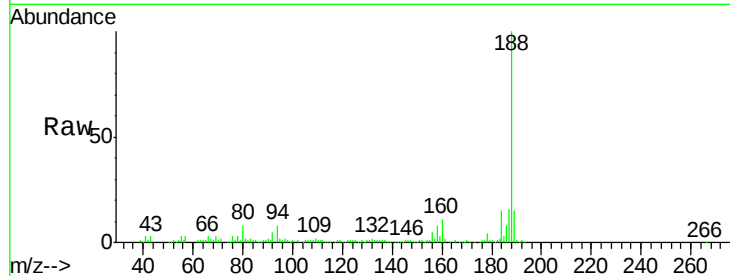
Tgt Ion:188 Resp: 170439

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

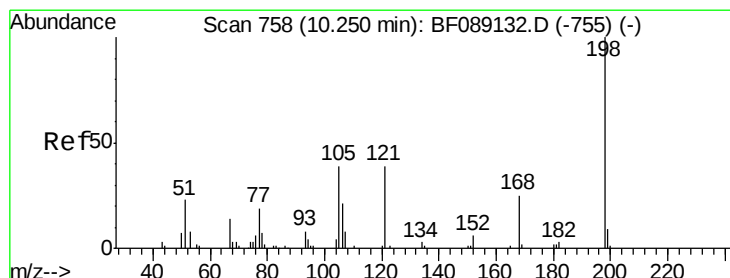
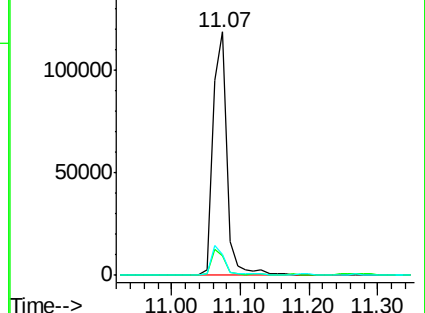
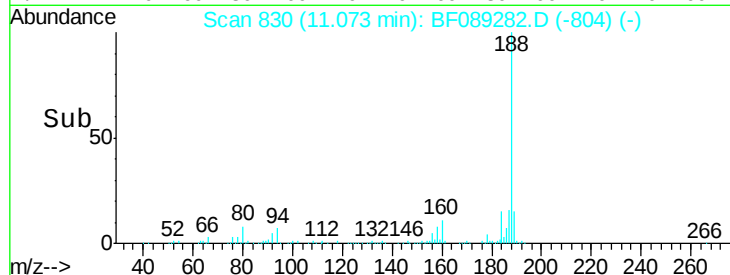
80 8.4 7.7 11.5



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: 11.15 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

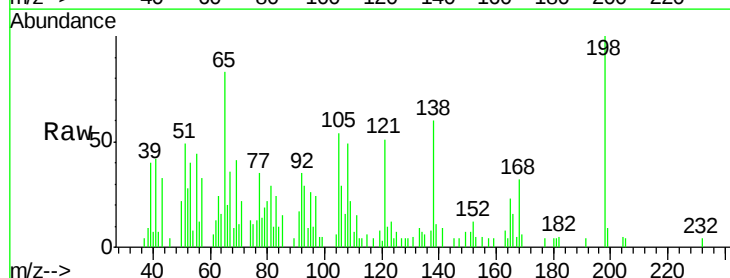
Tgt Ion:198 Resp: 11068

Ion Ratio Lower Upper

198 100

51 48.6 11.7 51.7

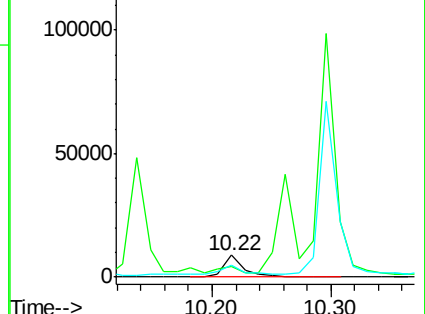
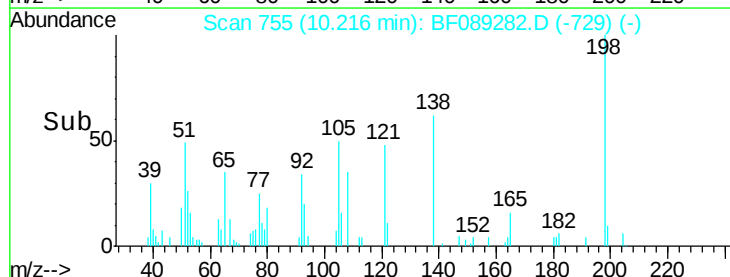
105 54.1 20.3 60.3

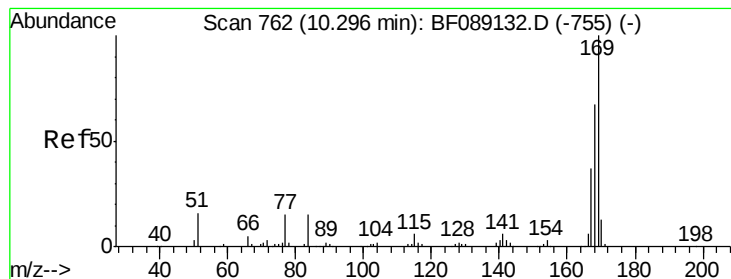


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.17 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

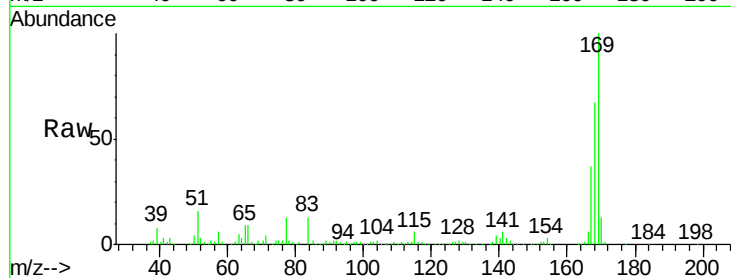
Tgt Ion:169 Resp: 274377

Ion Ratio Lower Upper

169 100

168 67.1 53.4 80.0

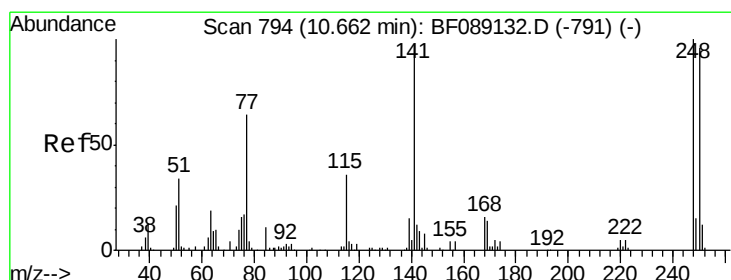
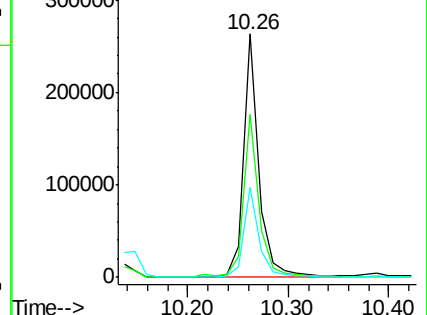
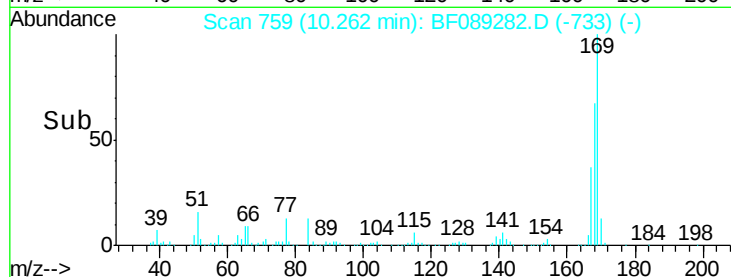
167 36.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.78 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

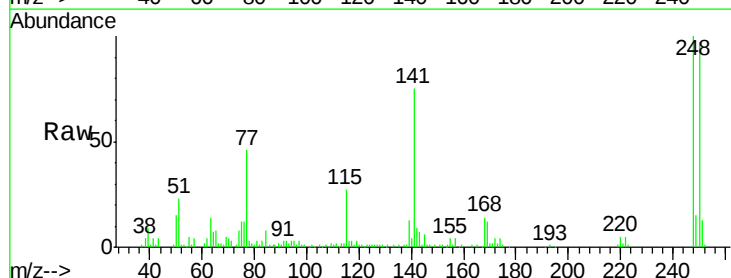
Tgt Ion:248 Resp: 82279

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

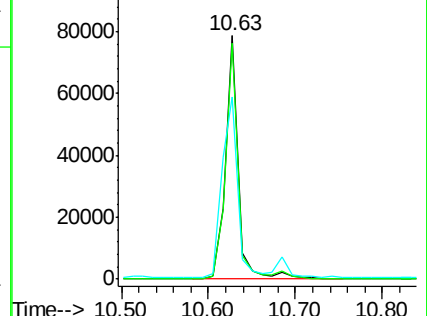
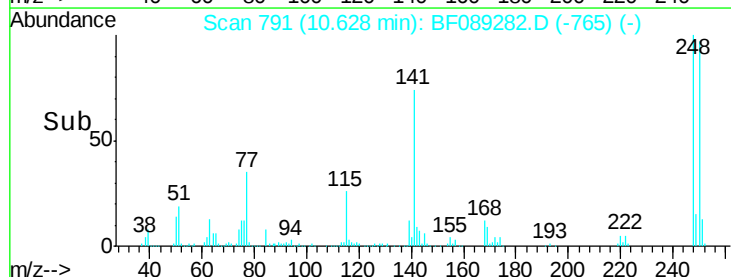
141 74.7 77.4 116.2#

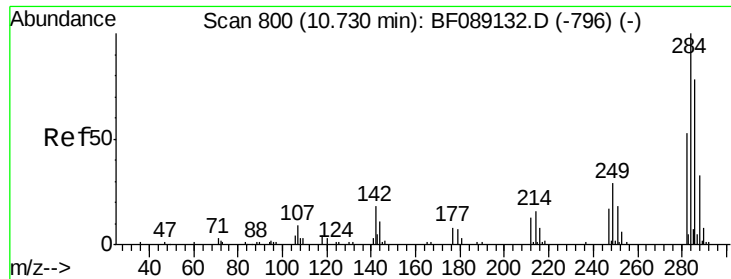


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

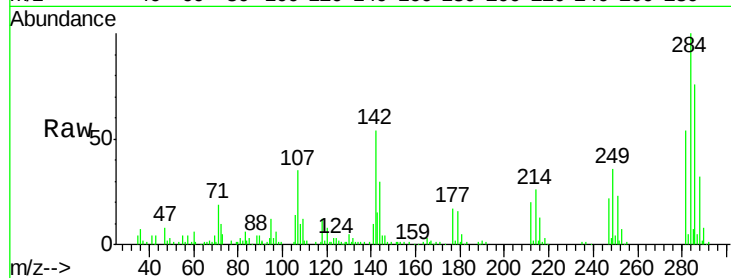




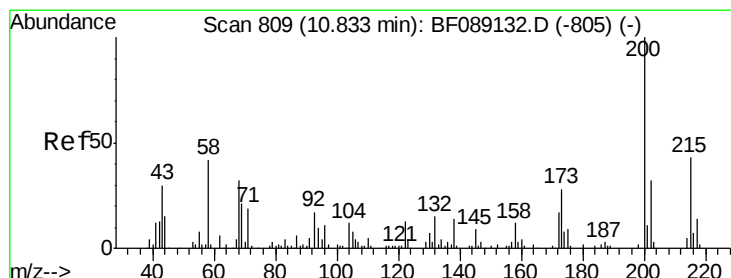
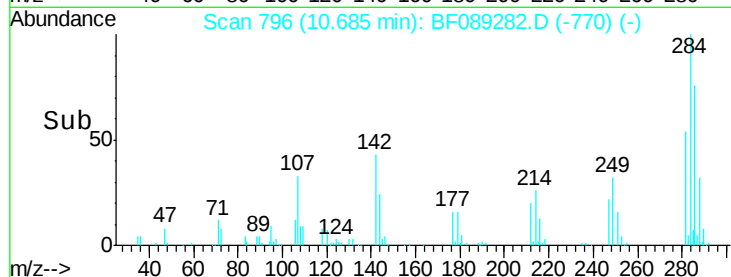
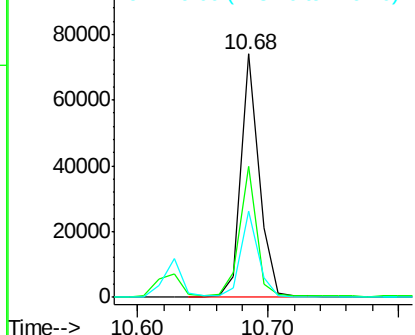
#67
Hexachlorobenzene
Concen: 39.40 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

Tgt Ion:284 Resp: 71484
Ion Ratio Lower Upper
284 100
142 53.6 14.1 21.1#
249 35.6 23.0 34.4#

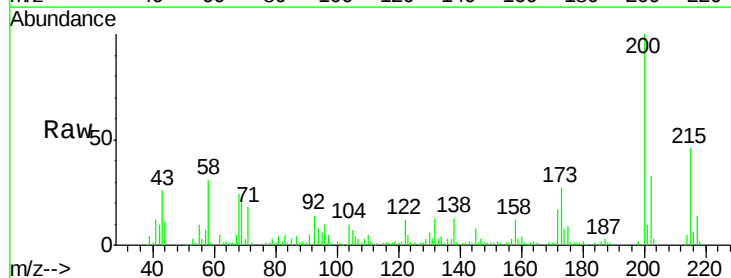


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

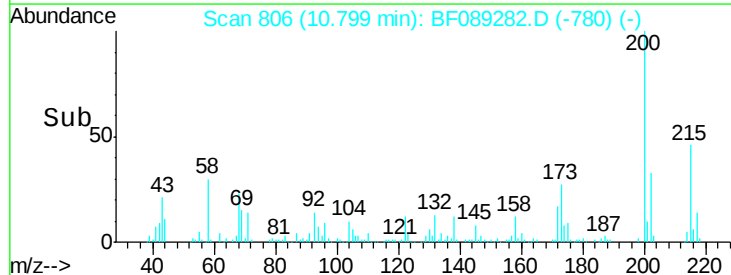
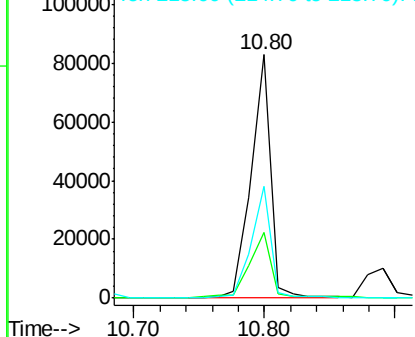


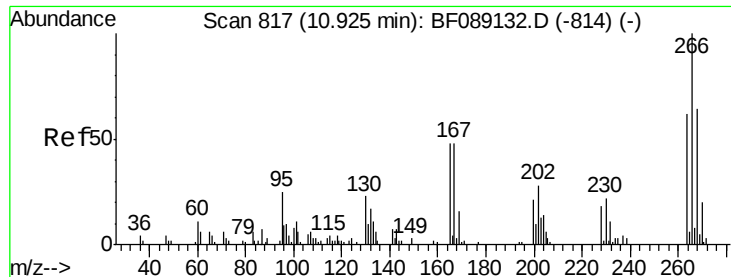
#68
Atrazine
Concen: 48.93 ng
RT: 10.80 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion:200 Resp: 87153
Ion Ratio Lower Upper
200 100
173 27.0 7.8 47.8
215 45.9 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

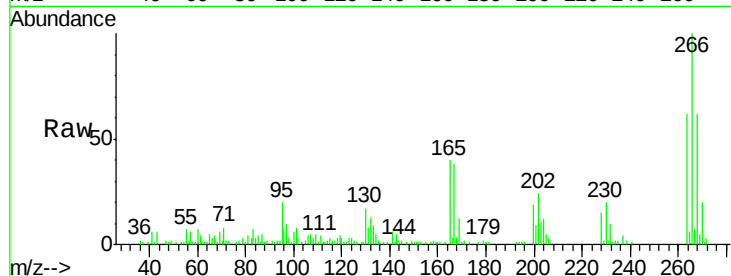




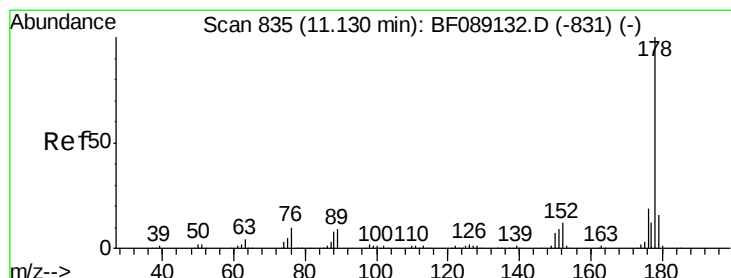
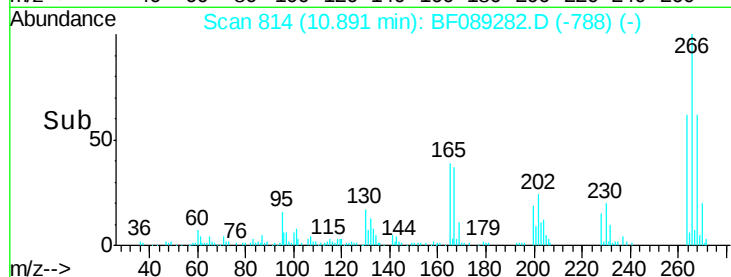
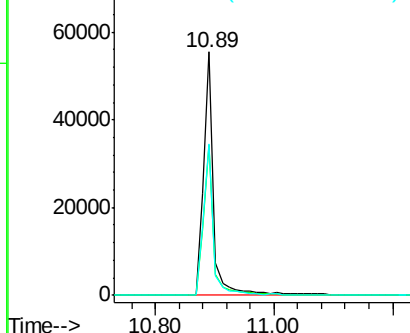
#69
 Pentachlorophenol
 Concen: 81.37 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

Tgt Ion:266 Resp: 68100
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.2 76.8
 264 62.0 49.7 74.5

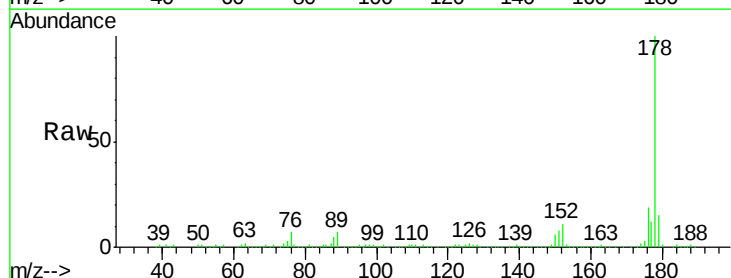


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

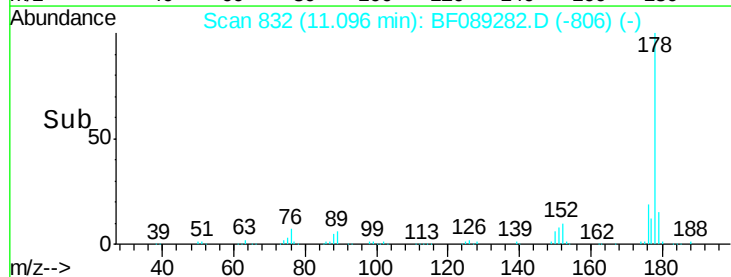
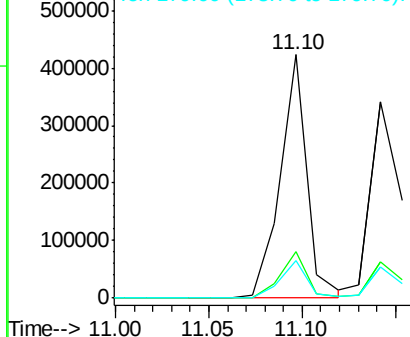


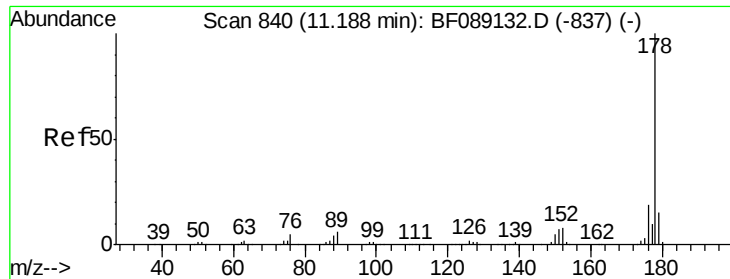
#70
 Phenanthrene
 Concen: 44.97 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion:178 Resp: 420413
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.3 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

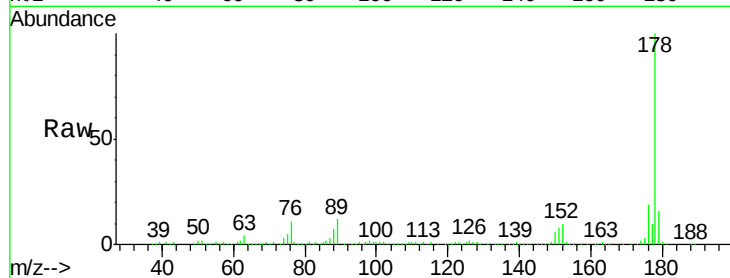




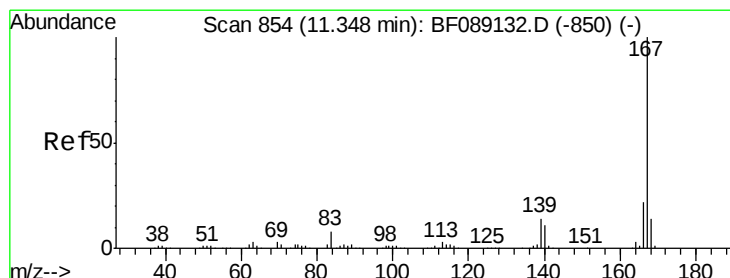
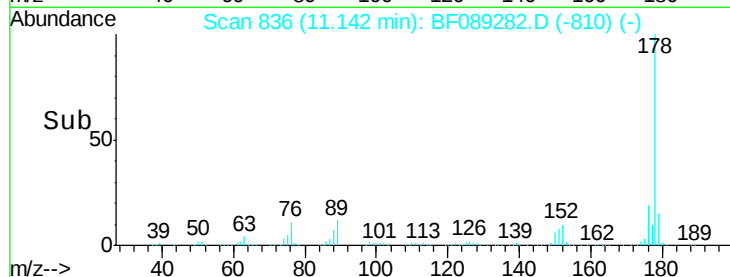
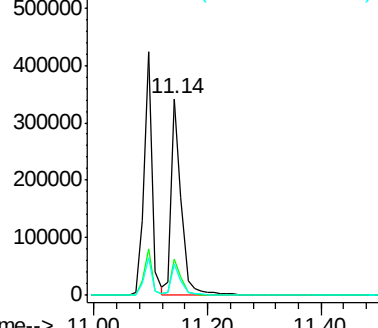
#71
 Anthracene
 Concen: 42.57 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

Tgt Ion:178 Resp: 413664
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.9 22.3
 179 15.6 12.0 18.0

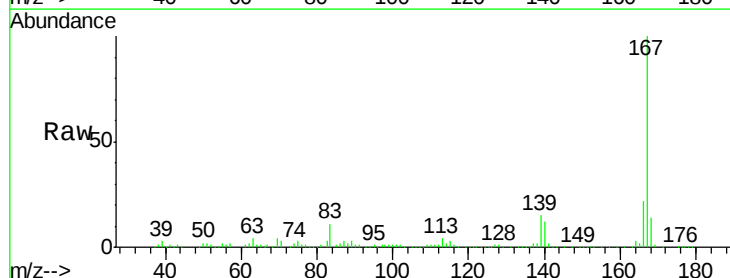


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

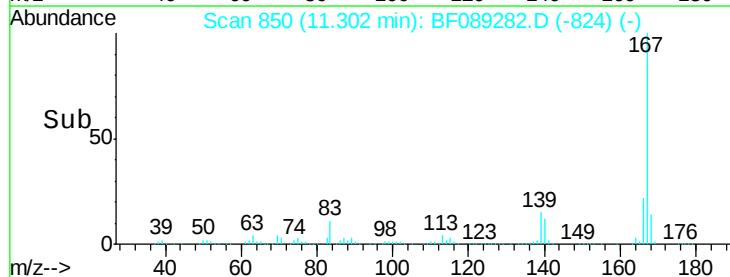
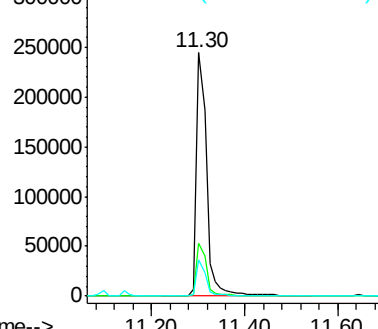


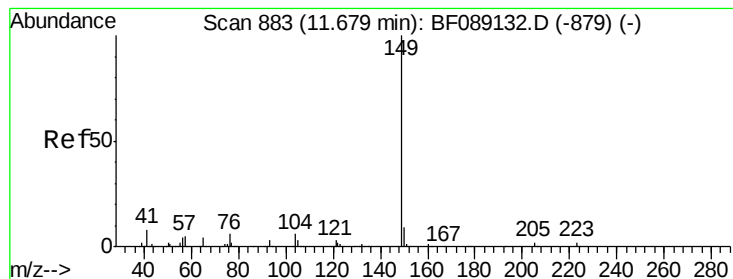
#72
 Carbazole
 Concen: 42.43 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion:167 Resp: 362162
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 15.2 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: 45.95 ng

RT: 11.64 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

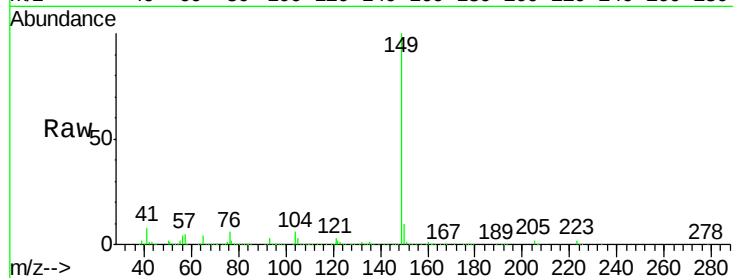
Tgt Ion:149 Resp: 485175

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

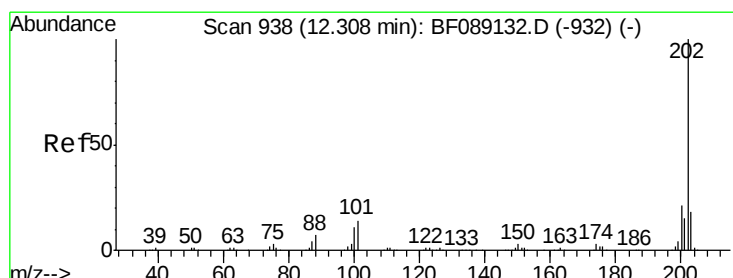
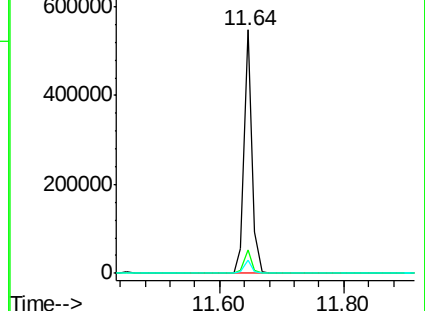
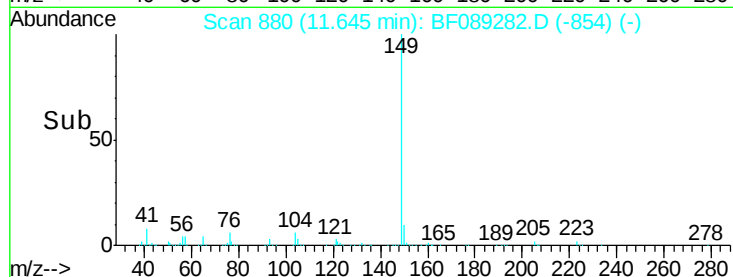
104 5.6 4.6 6.8



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: 41.97 ng

RT: 12.27 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

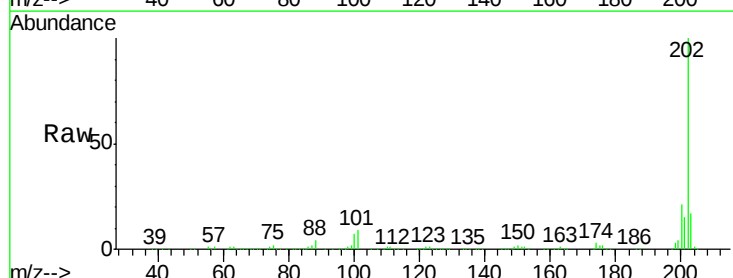
Tgt Ion:202 Resp: 412432

Ion Ratio Lower Upper

202 100

101 8.7 0.0 34.0

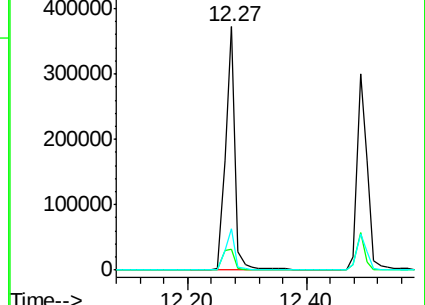
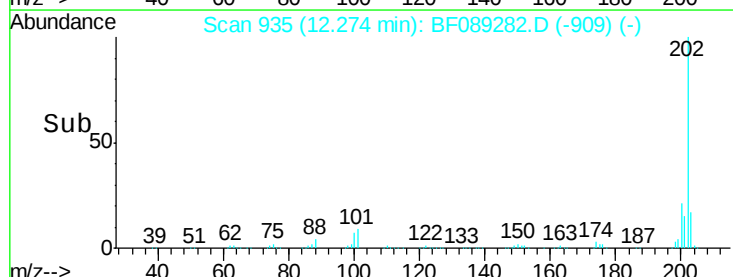
203 17.2 0.0 37.8

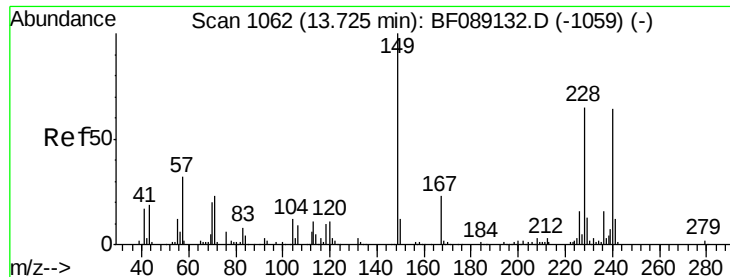


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

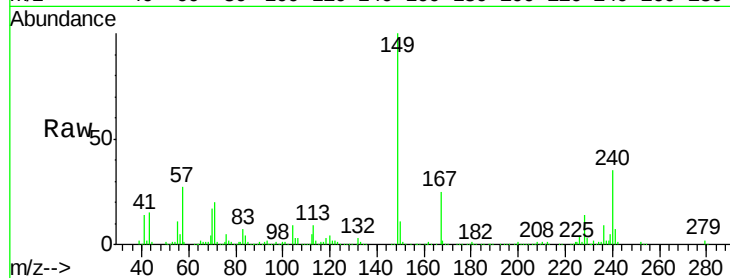
Tgt Ion:240 Resp: 109409

Ion Ratio Lower Upper

240 100

120 10.1 13.6 20.4#

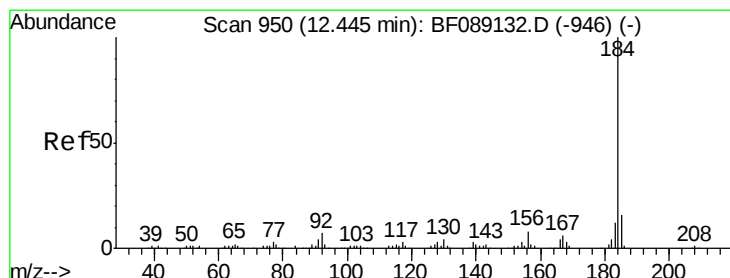
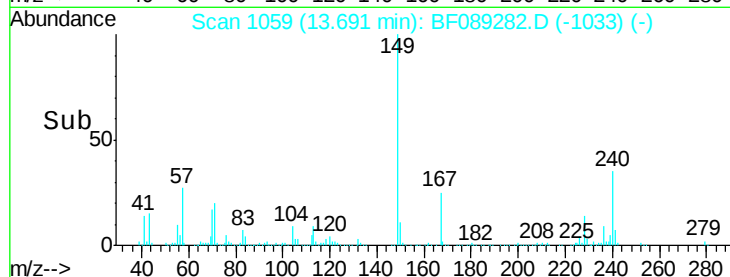
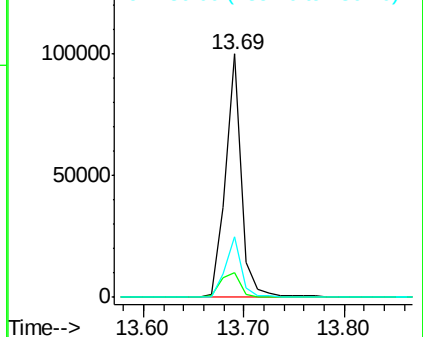
236 25.1 20.5 30.7



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: 41.40 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

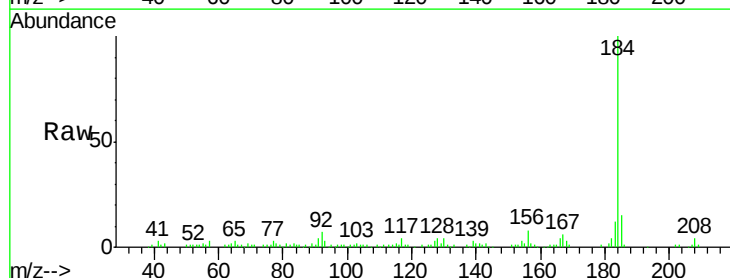
Tgt Ion:184 Resp: 155712

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

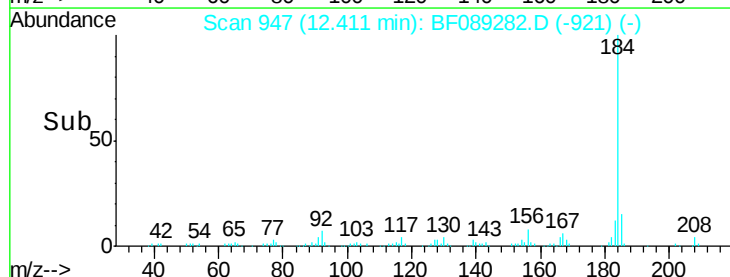
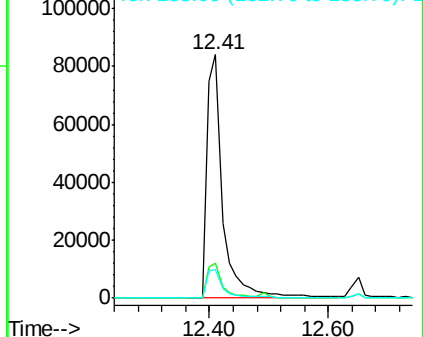
183 11.8 9.6 14.4

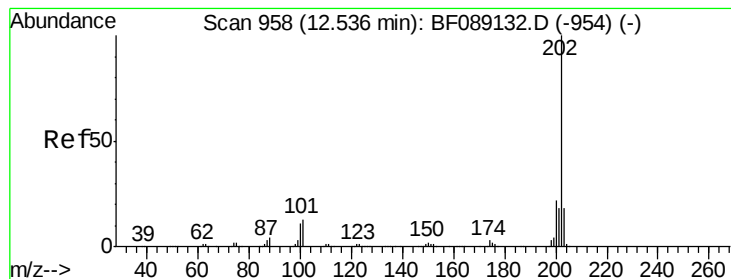


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.08 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

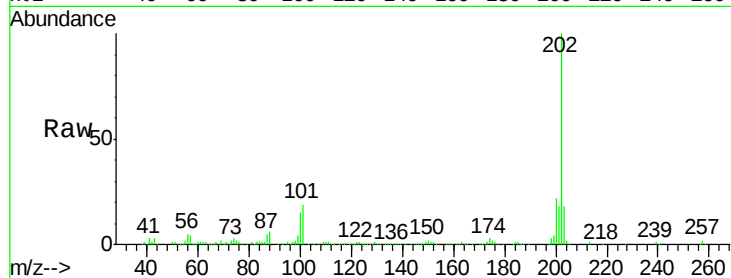
Tgt Ion:202 Resp: 353094

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.0

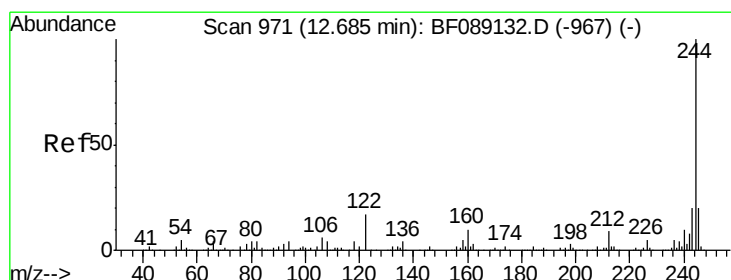
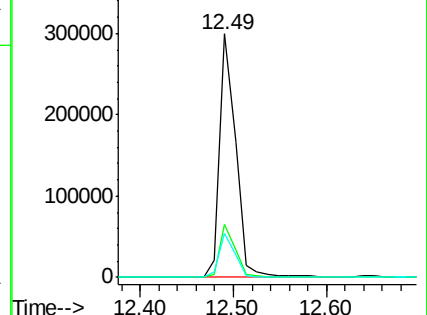
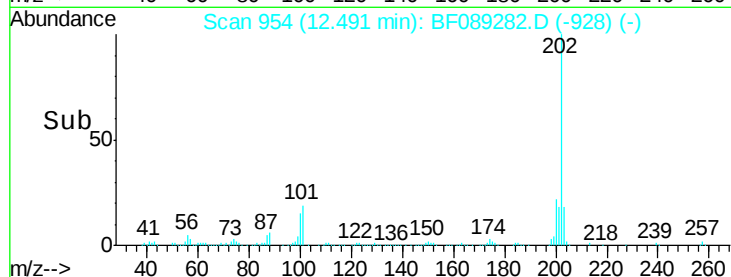
203 18.2 14.2 21.2



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: 90.03 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

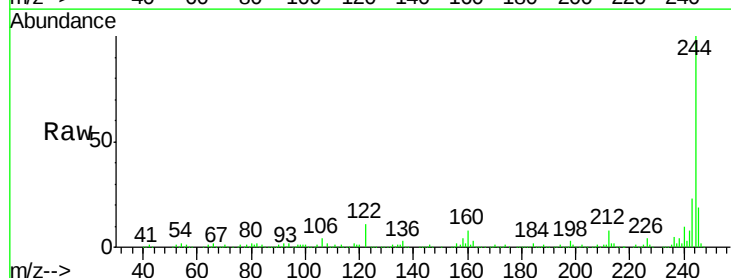
Tgt Ion:244 Resp: 454115

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.4

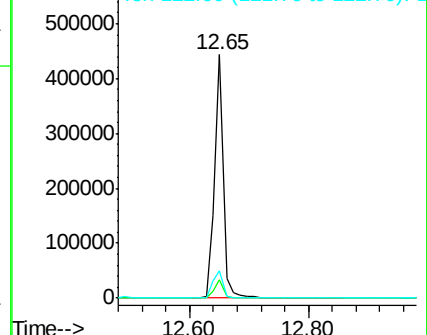
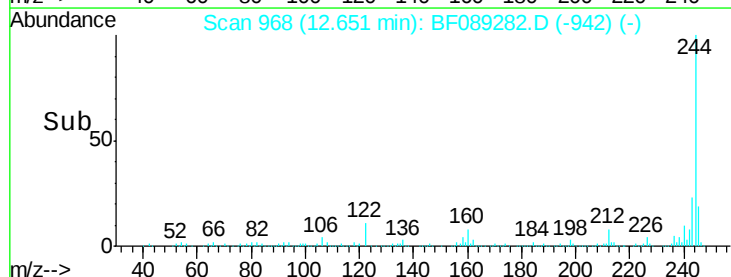
122 11.4 13.8 20.8#

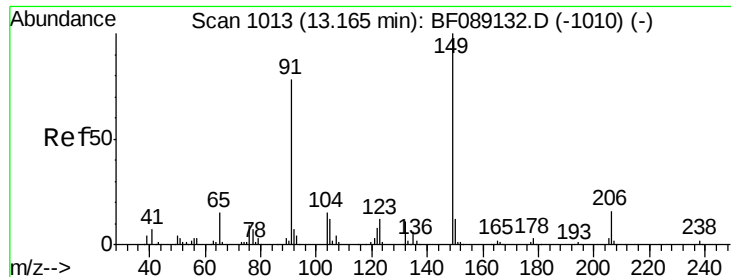


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

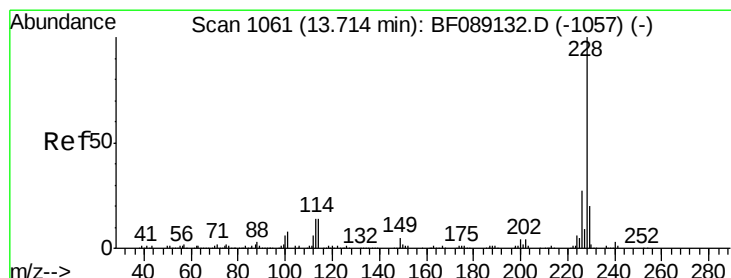
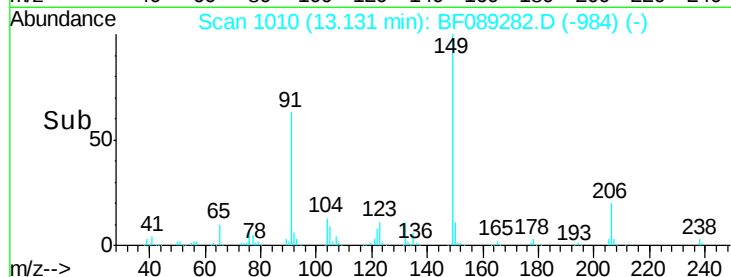
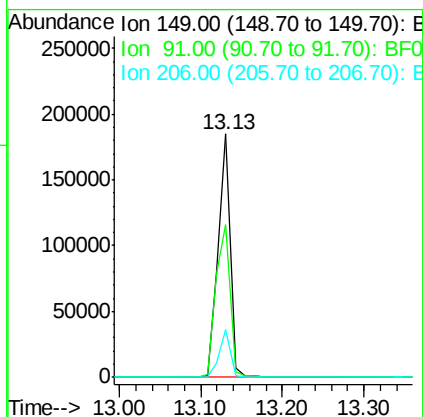
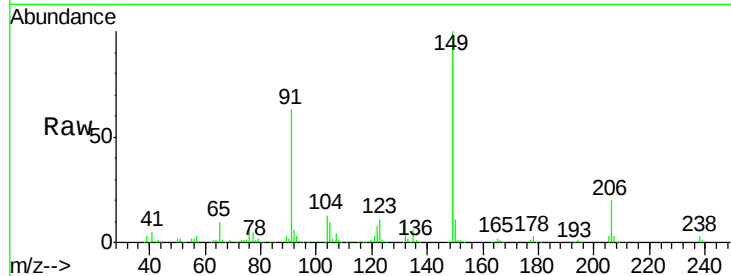




#79
Butylbenzylphthalate
Concen: 50.43 ng
RT: 13.13 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

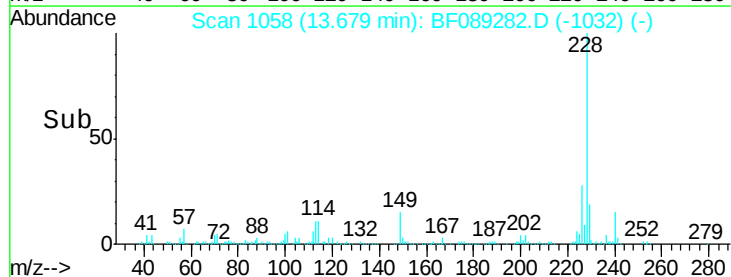
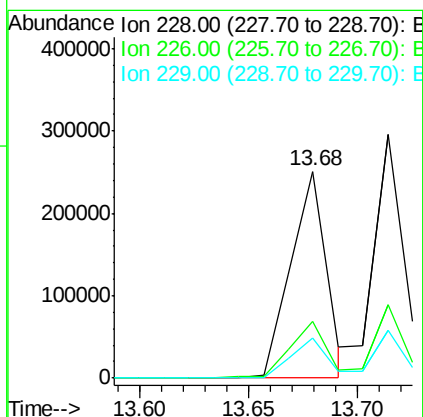
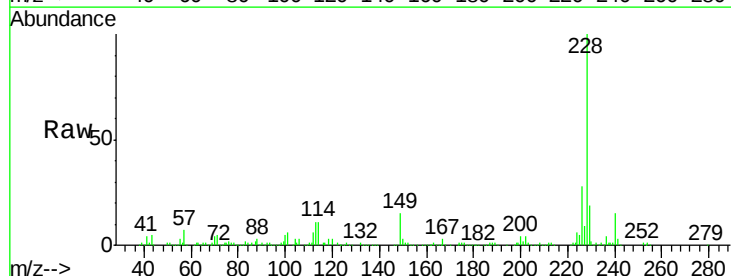
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

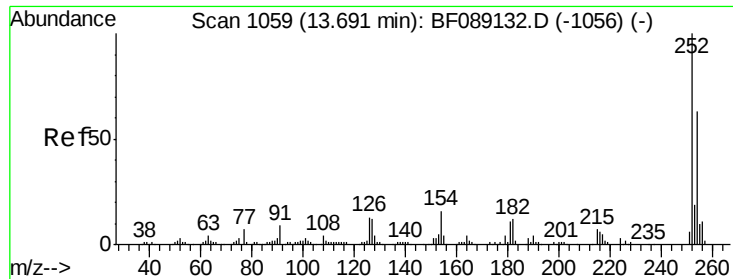
Tgt Ion:149 Resp: 192752
Ion Ratio Lower Upper
149 100
91 62.9 62.6 93.8
206 19.7 13.2 19.8



#80
Benzo(a)anthracene
Concen: 41.19 ng
RT: 13.68 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion:228 Resp: 286990
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.3 15.8 23.8

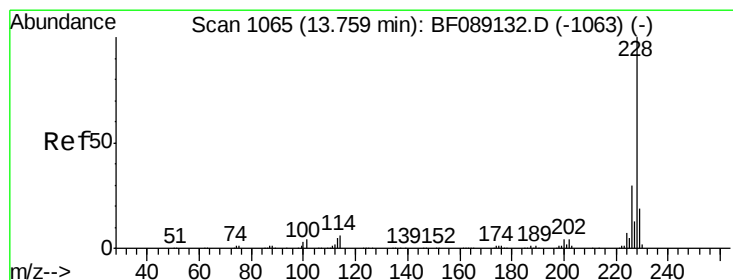
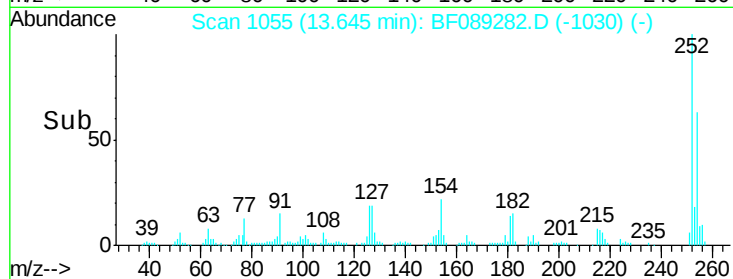
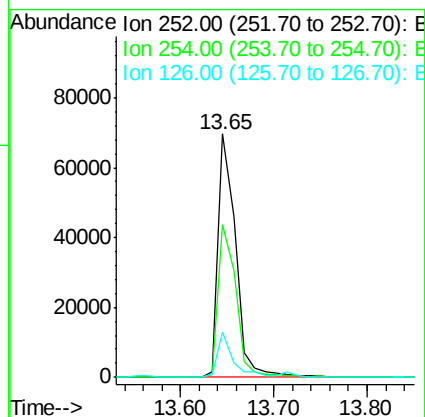
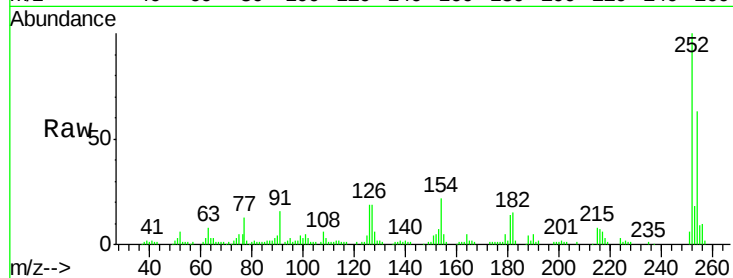




#81
 3,3'-Dichlorobenzidine
 Concen: 38.96 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

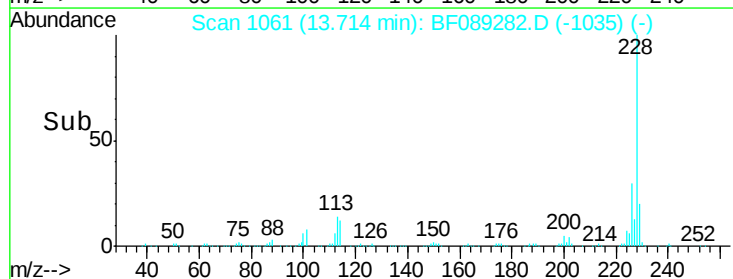
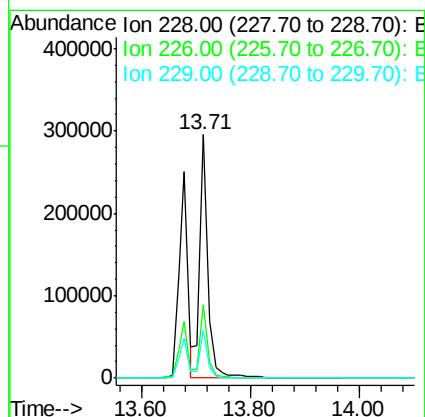
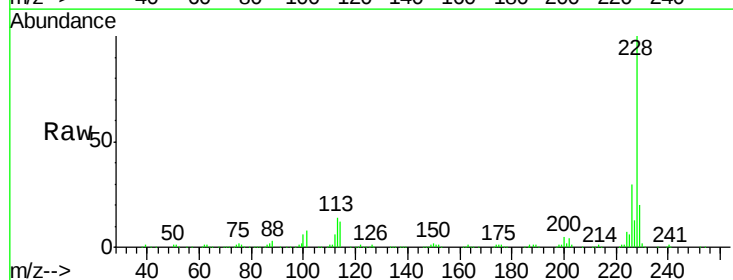
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MS

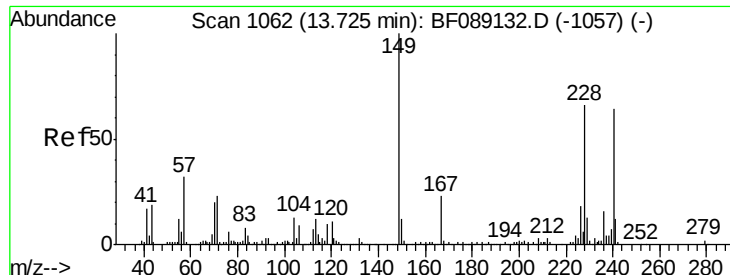
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.4	75.6
126	18.6	10.2	15.2



#82
 Chrysene
 Concen: 45.34 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.7	15.4	23.0

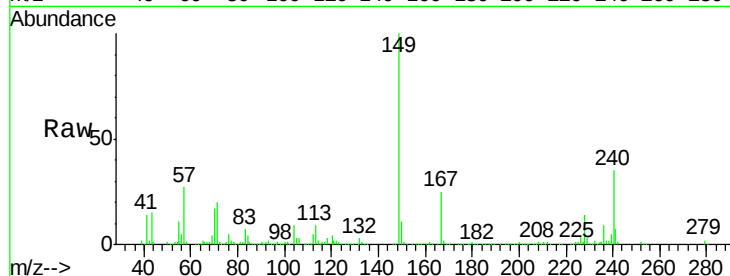




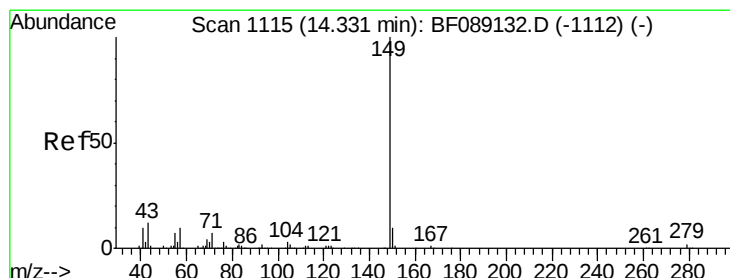
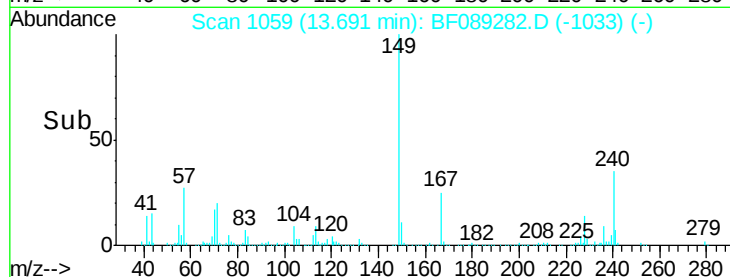
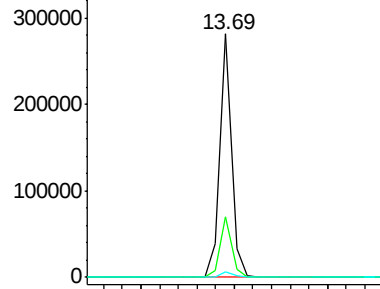
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.62 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

Tgt Ion:149 Resp: 246511
 Ion Ratio Lower Upper
 149 100
 167 24.7 18.6 28.0
 279 2.4 1.6 2.4

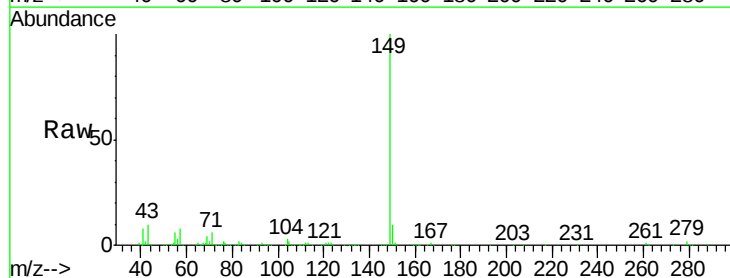


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

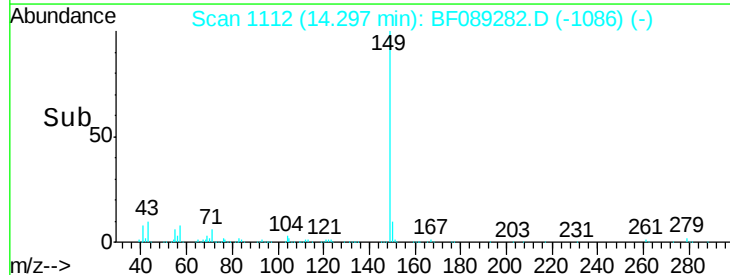
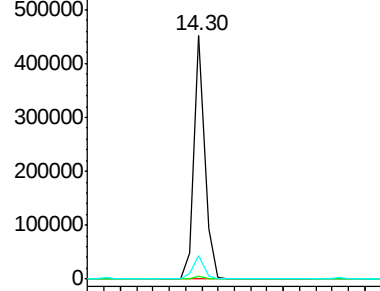


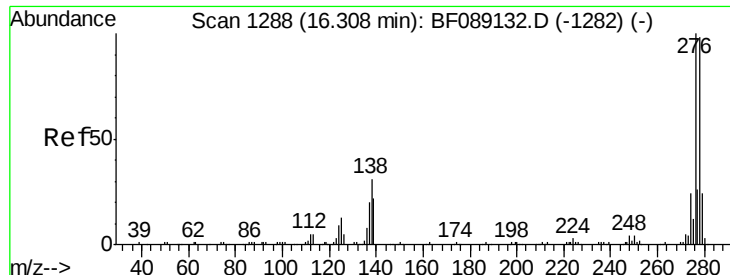
#84
 Di-n-octyl phthalate
 Concen: 49.46 ng
 RT: 14.30 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion:149 Resp: 413745
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.5 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

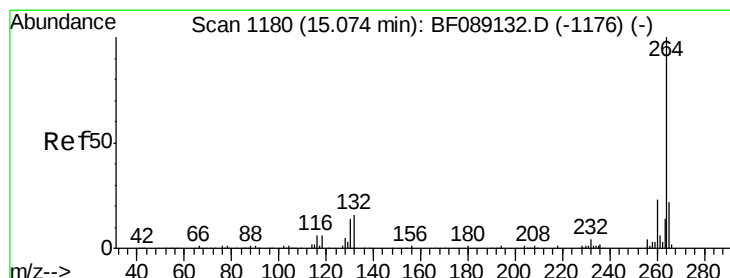
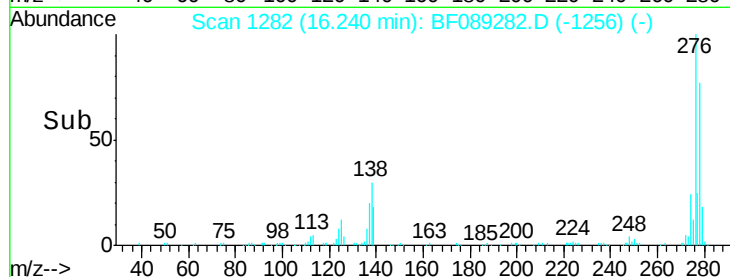
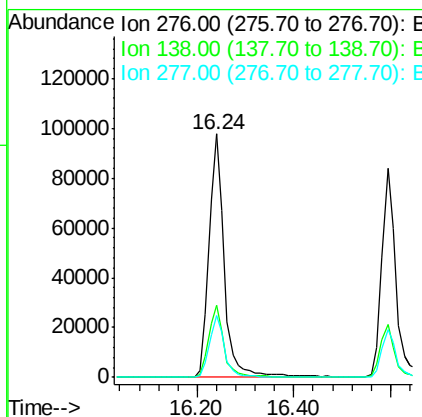
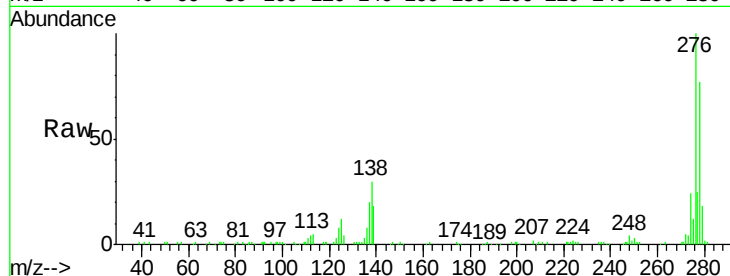




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.41 ng
 RT: 16.24 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

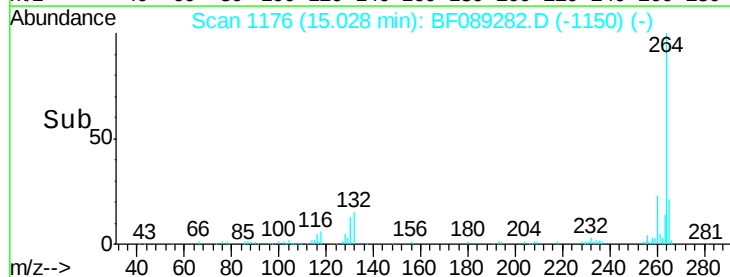
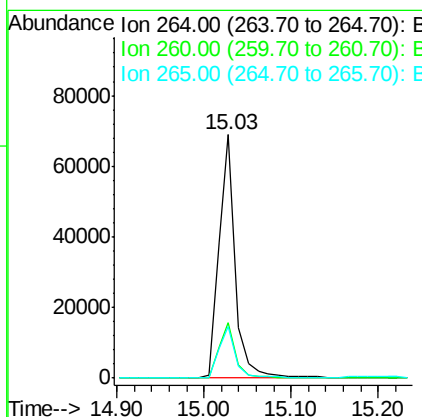
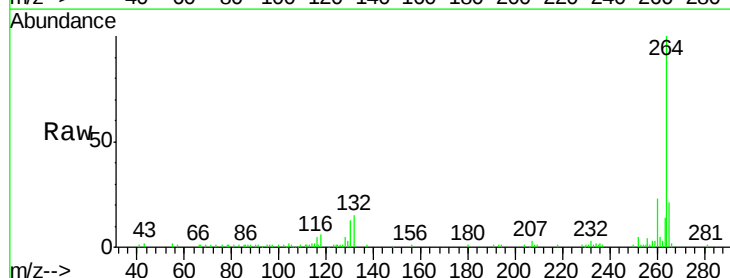
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MS

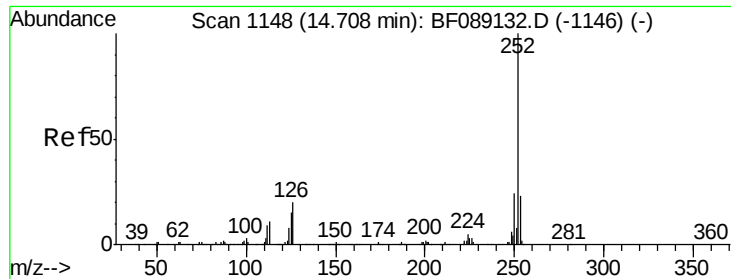
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.7	35.5
277	25.4	20.6	31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.4	17.3	25.9

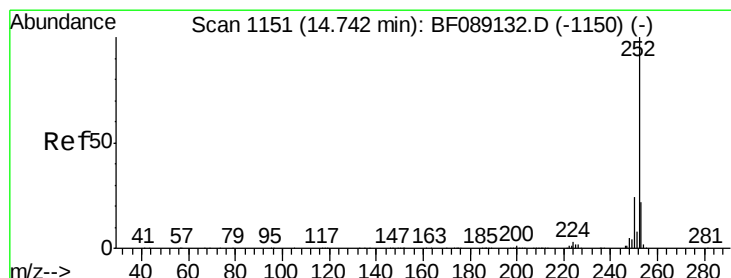
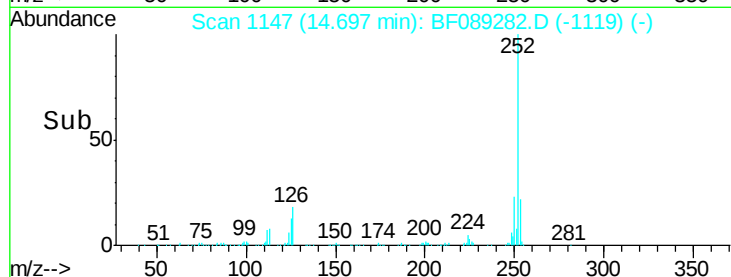
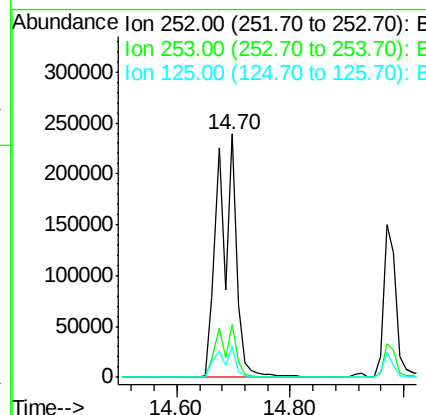
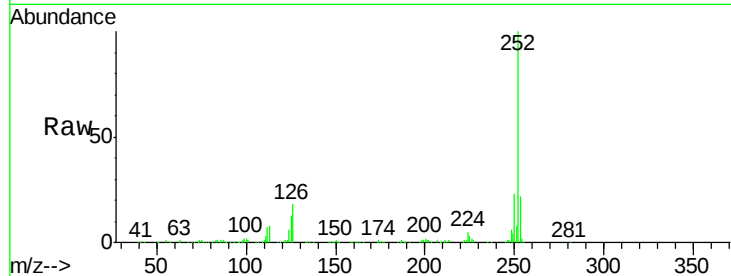




#87
Benzo(b)fluoranthene
Concen: 77.59 ng
RT: 14.70 min Scan# 1147
Delta R.T. 0.02 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

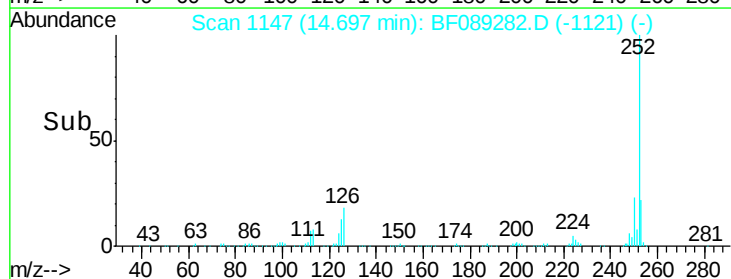
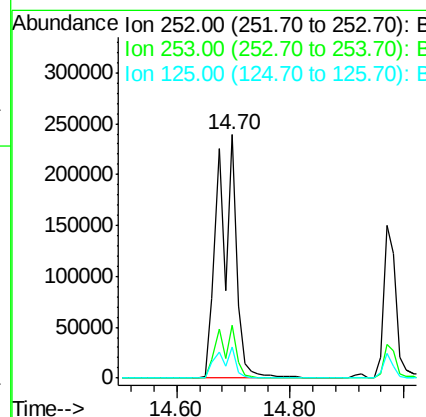
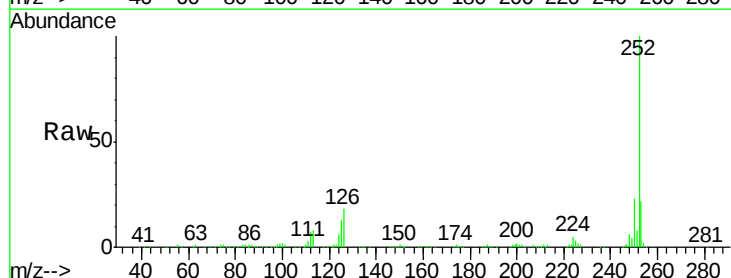
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

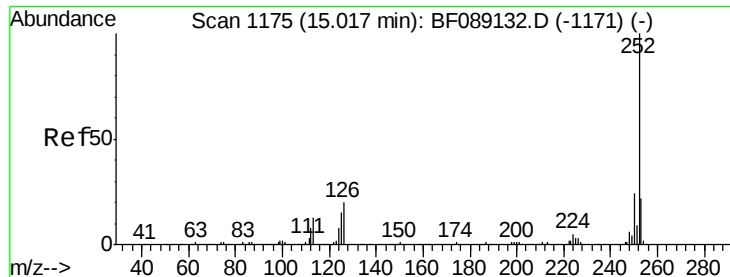
Tgt Ion:252 Resp: 510503
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 12.8 11.9 17.9



#88
Benzo(k)fluoranthene
Concen: 108.51 ng
RT: 14.70 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

Tgt Ion:252 Resp: 510503
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 12.8 6.3 9.5#





#89

Benzo(a)pyrene

Concen: 45.38 ng

RT: 14.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

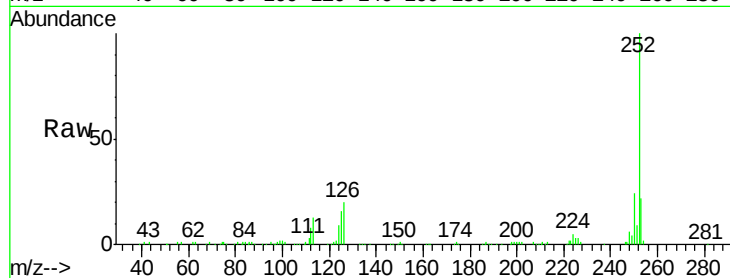
Tgt Ion:252 Resp: 231788

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

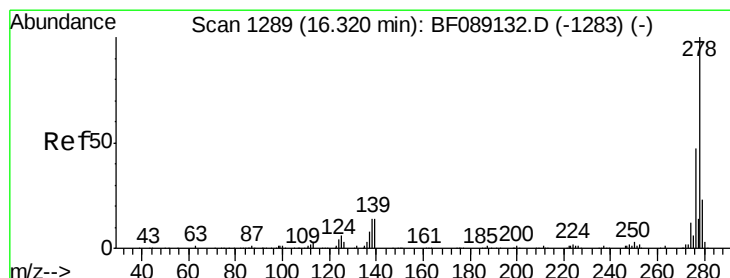
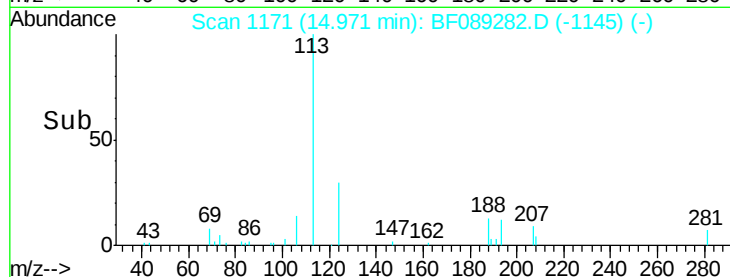
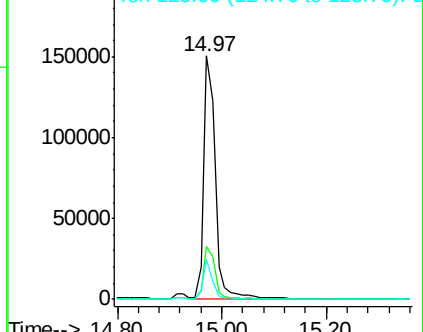
125 16.5 12.4 18.6



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: 45.46 ng

RT: 16.25 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF089282.D

Acq: 25 Jul 2016 16:41

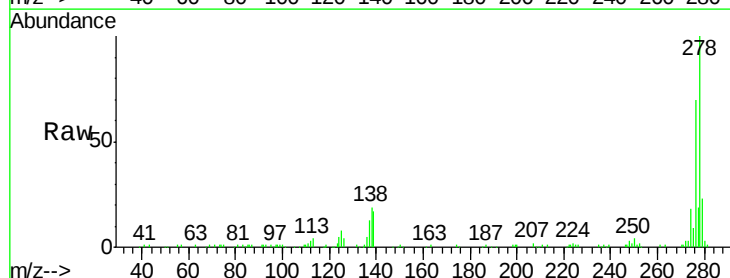
Tgt Ion:278 Resp: 183313

Ion Ratio Lower Upper

278 100

139 17.0 11.4 17.2

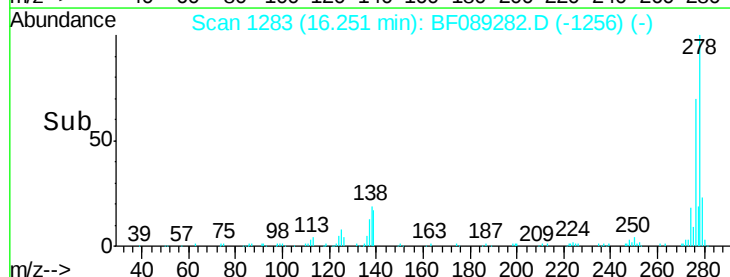
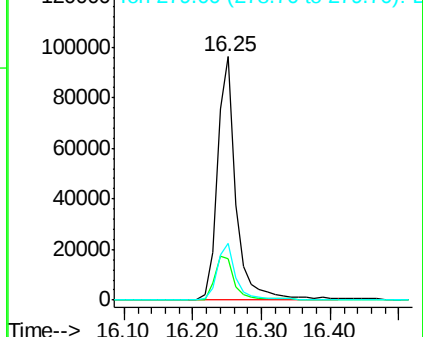
279 23.4 18.4 27.6

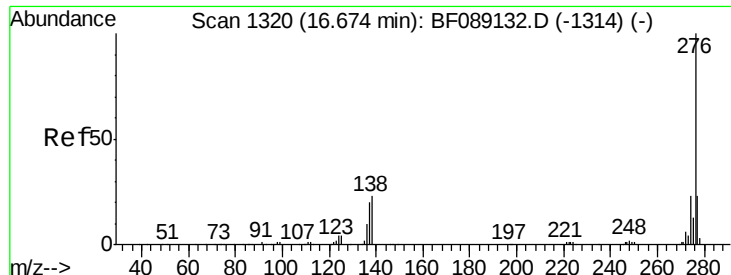


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.02 ng

RT: 16.59 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF089282.D

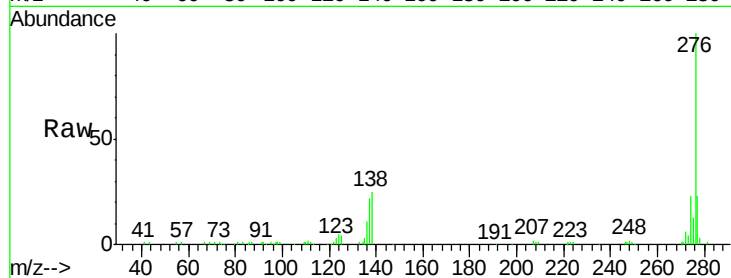
Acq: 25 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS



Tgt Ion: 276 Resp: 174938

Ion Ratio Lower Upper

276 100

277 23.0 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

