

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 26 01:50:03 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

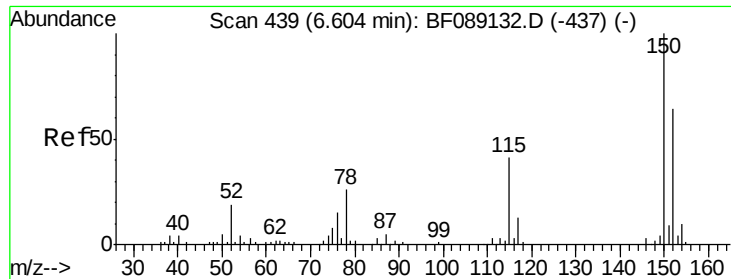
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	88736	40.43	nq	99
43) 2,4,5-Trichlorophenol	8.90	196	103277	46.88	nq	96
45) 1,1'-Biphenyl	9.03	154	383625	40.38	nq	99
46) 2-Chloronaphthalene	9.05	162	306429	42.45	nq	99
47) 2-Nitroaniline	9.15	65	95945	38.74	nq	97
48) Acenaphthylene	9.46	152	473011	41.67	nq	100
49) Dimethylphthalate	9.35	163	665126	82.16	nq	99
50) 2,6-Dinitrotoluene	9.40	165	80669	44.14	nq	# 88
51) Acenaphthene	9.63	154	300590	44.77	nq	99
52) 3-Nitroaniline	9.56	138	67072	30.90	nq	# 67
53) 2,4-Dinitrophenol	9.69	184	4083	12.45	nq	# 54
54) Dibenzofuran	9.80	168	413467	45.57	nq	96
55) 4-Nitrophenol	9.76	139	82734	63.00	nq	95
56) 2,4-Dinitrotoluene	9.80	165	92718	39.38	nq	100
57) Fluorene	10.15	166	312968	40.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	73333	46.35	nq	91
59) Diethylphthalate	10.03	149	344346	42.90	nq	100
60) 4-Chlorophenyl-phenylether	10.14	204	136565	38.84	nq	# 71
61) 4-Nitroaniline	10.18	138	79610	37.70	nq	97
62) Azobenzene	10.30	77	378520	43.39	nq	96
64) 4,6-Dinitro-2-methylphenol	10.22	198	11068	11.15	nq	74
65) n-Nitrosodiphenylamine	10.26	169	274377	48.17	nq	100
66) 4-Bromophenyl-phenylether	10.63	248	82279	48.78	nq	# 88
67) Hexachlorobenzene	10.68	284	71484	39.40	nq	# 61
68) Atrazine	10.80	200	87153	48.93	nq	96
69) Pentachlorophenol	10.89	266	68100	81.37	nq	99
70) Phenanthrene	11.10	178	420413	44.97	nq	99
71) Anthracene	11.14	178	413664	42.57	nq	99
72) Carbazole	11.30	167	362162	42.43	nq	98
73) Di-n-butylphthalate	11.64	149	485175	45.95	nq	100
74) Fluoranthene	12.27	202	412432	41.97	nq	94
76) Benzidine	12.41	184	155712	41.40	nq	98
77) Pyrene	12.49	202	353094	39.08	nq	99
79) Butylbenzylphthalate	13.13	149	192752	50.43	nq	84
80) Benzo(a)anthracene	13.68	228	286990	41.19	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	90055	38.96	nq	# 97
82) Chrysene	13.71	228	301763	45.34	nq	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	246511	48.62	nq	97
84) Di-n-octyl phthalate	14.30	149	413745	49.46	nq	99
85) Indeno(1,2,3-cd)pyrene	16.24	276	219525	45.41	nq	100
87) Benzo(b)fluoranthene	14.67	252	268859m	40.87	nq	
88) Benzo(k)fluoranthene	14.70	252	234115m	49.76	nq	
89) Benzo(a)pyrene	14.97	252	231788	45.38	nq	99
90) Dibenzo(a,h)anthracene	16.25	278	183313	45.46	nq	97
91) Benzo(g,h,i)perylene	16.59	276	174938	43.02	nq	98

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



#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

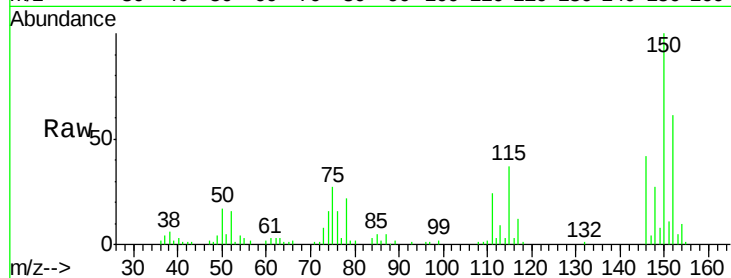
Tot Ion:152 Resp: 59287

Ion Ratio Lower Upper

152 100

150 163.5 125.1 187.7

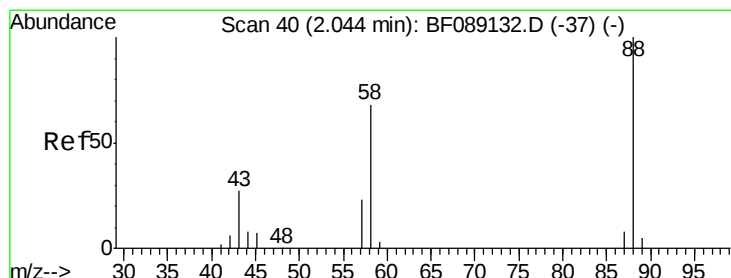
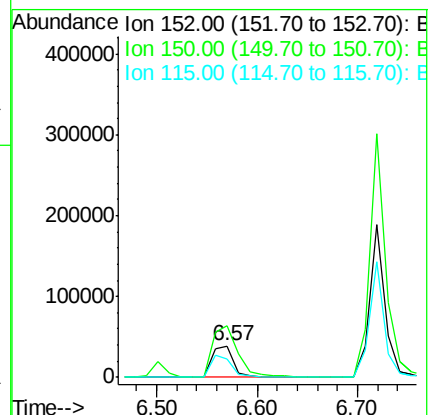
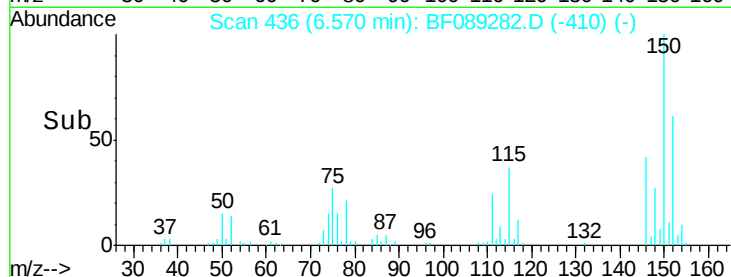
115 59.9 51.1 76.7



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

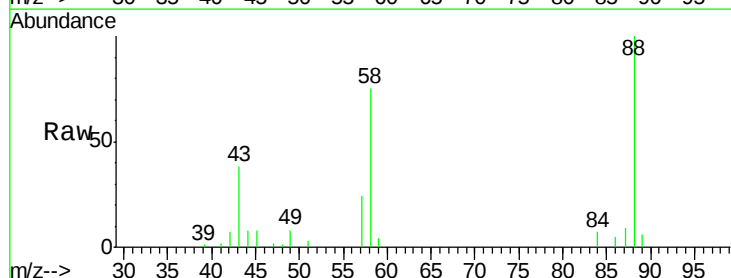
Tgt Ion: 88 Resp: 61546

Ion Ratio Lower Upper

88 100

58 67.0 49.2 73.8

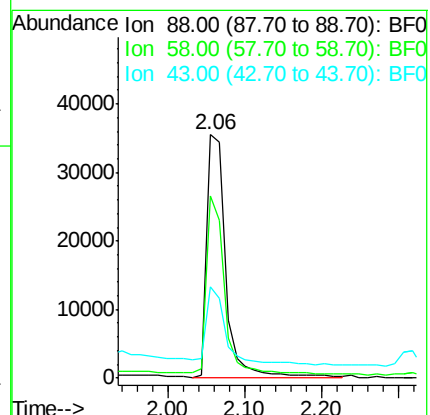
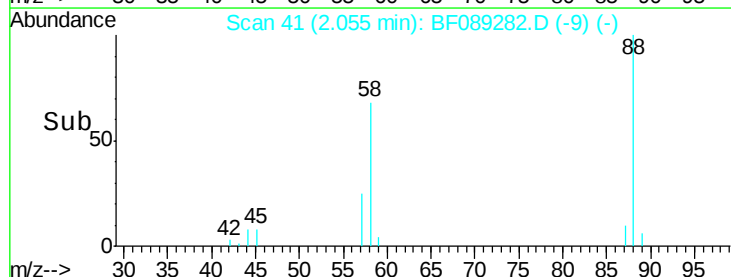
43 33.5 20.6 30.8#

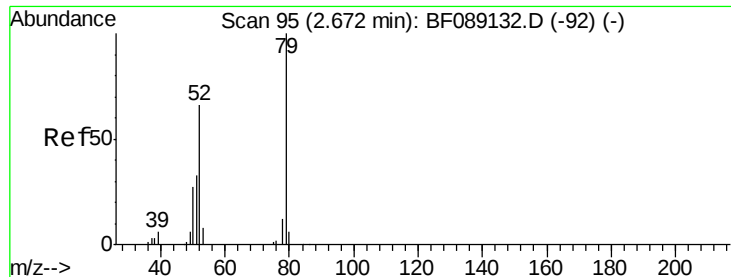


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

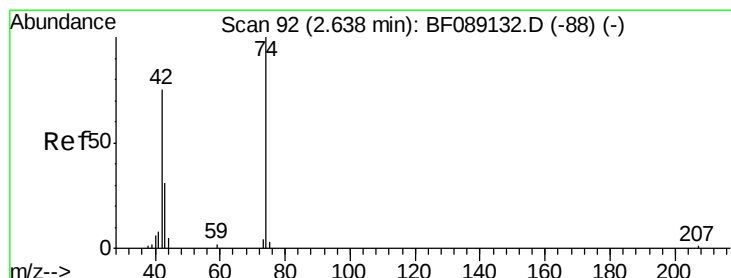
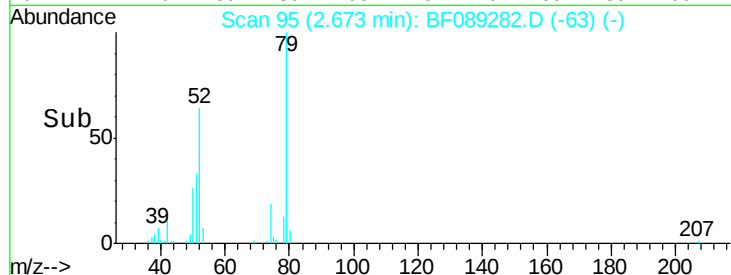
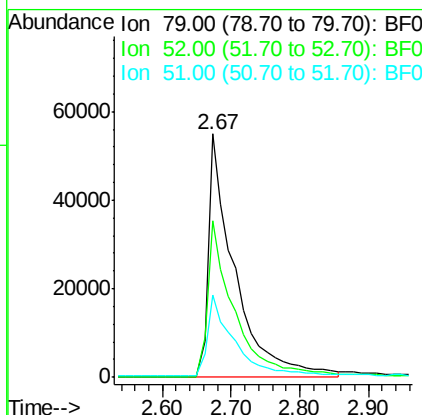
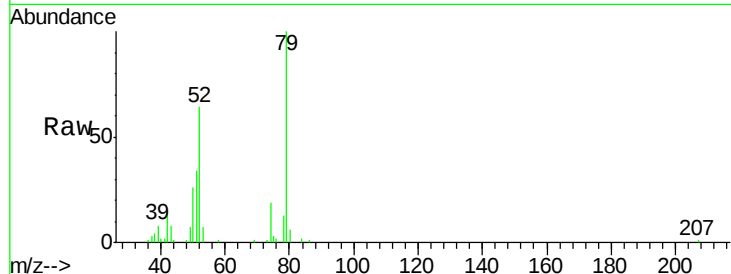




#3
 Pvridine
 Concen: 34.42 ng
 RT: 2.67 min Scan# 95
 Delta R.T. 0.07 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

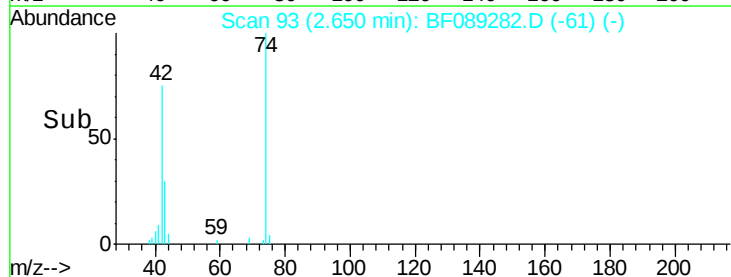
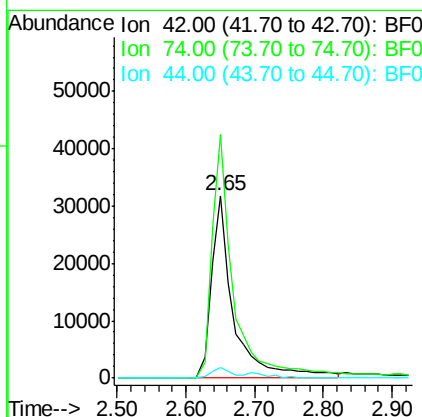
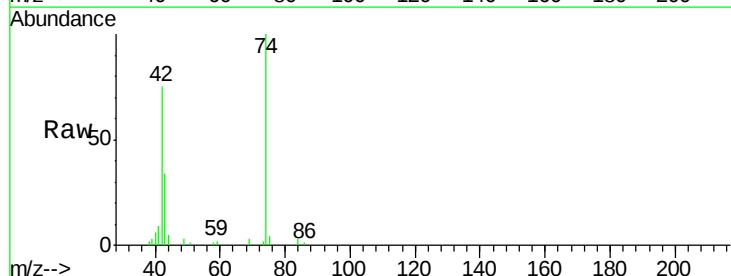
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MS

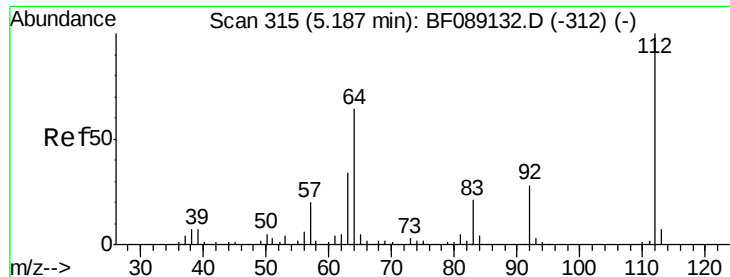
Tot Ion	79	Resp	147977
Ion Ratio	Lower	Upper	
79	100		
52	64.3	52.9	79.3
51	33.6	27.0	40.6



#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	42	Resp	72064
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

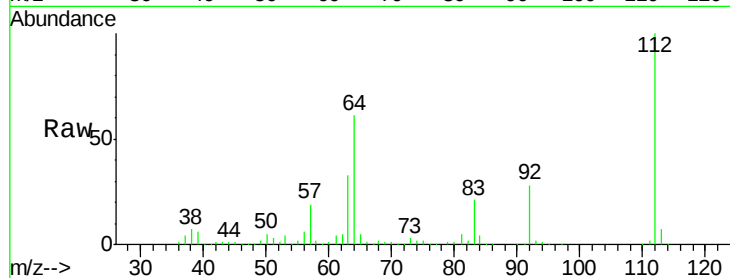
Tot Ion:112 Resp: 461155

Ion Ratio Lower Upper

112 100

64 61.3 51.0 76.4

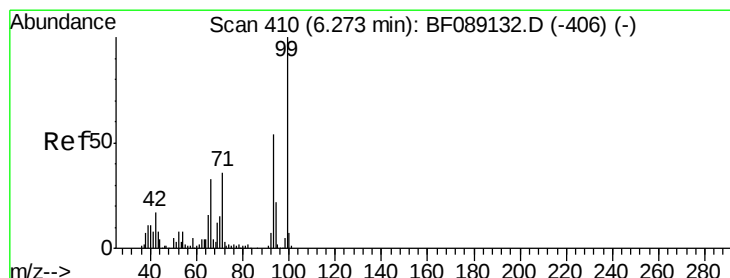
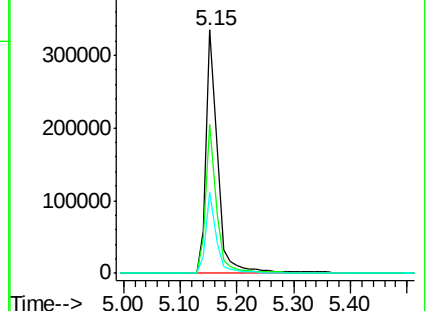
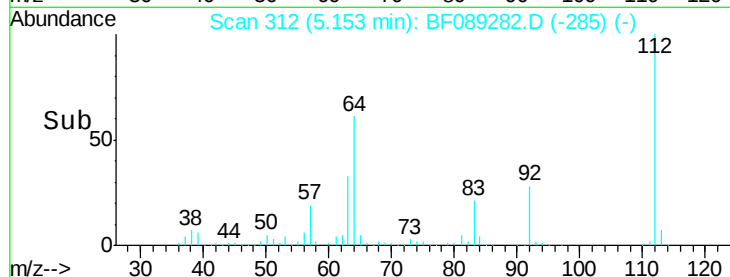
63 33.4 27.3 40.9



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

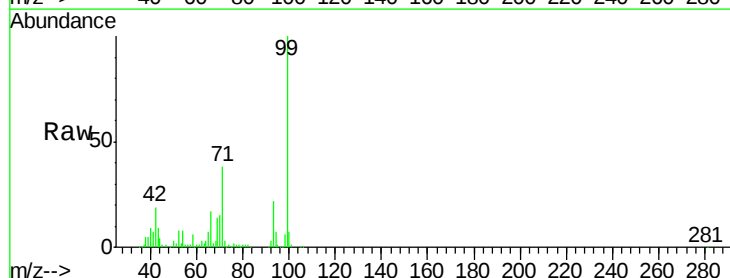
Tgt Ion: 93 Resp: 165426

Ion Ratio Lower Upper

93 100

66 74.3 48.9 73.3#

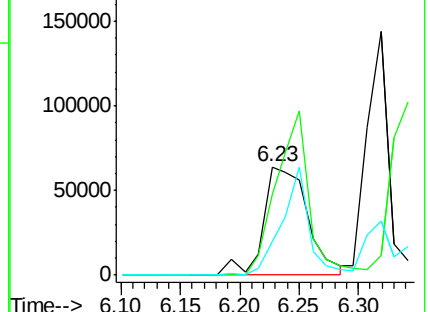
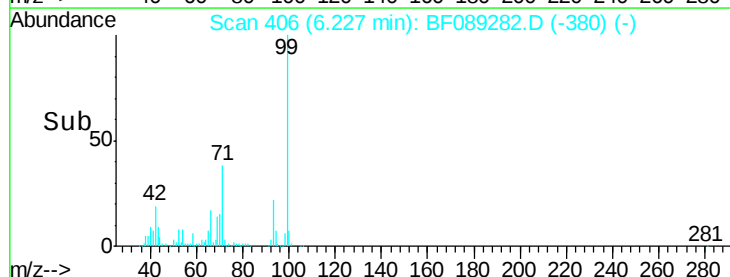
65 31.5 23.9 35.9

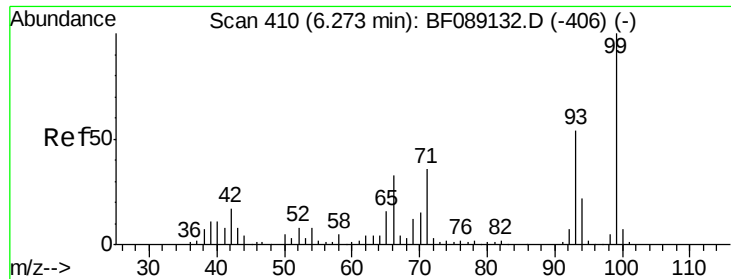


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

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Instrument :

BNA_F

ClientSampleId :

KMW-02-4.5-6.0MS

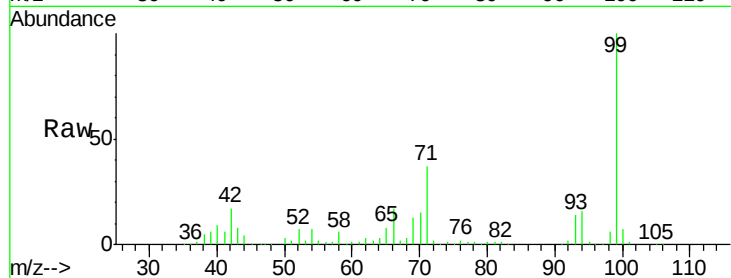
Tot Ion: 99 Resp: 637969

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

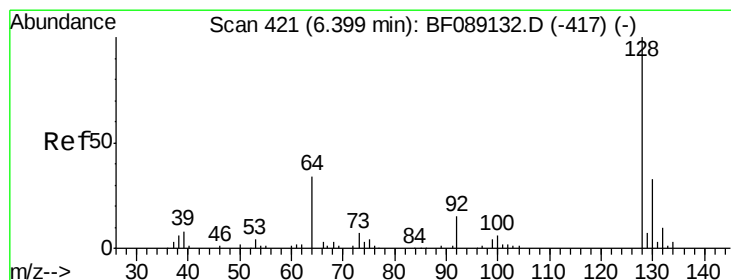
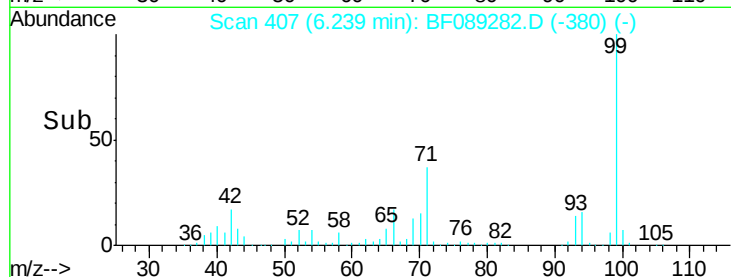
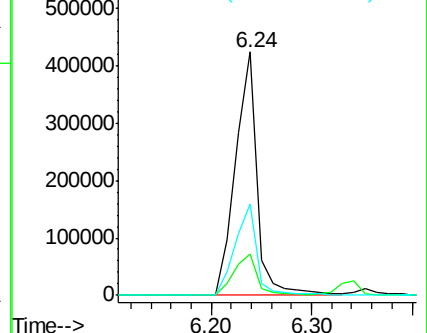
71 37.3 28.9 43.3



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

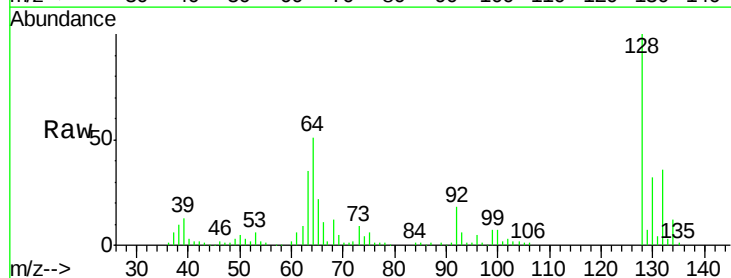
Tgt Ion: 128 Resp: 187009

Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

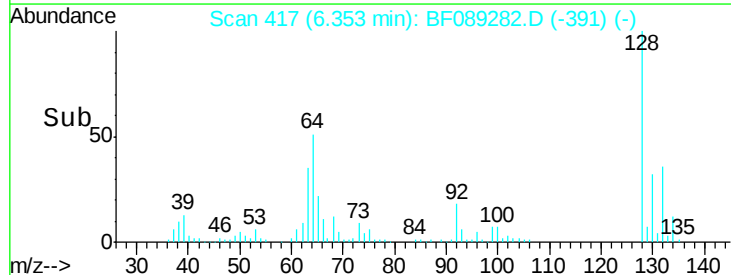
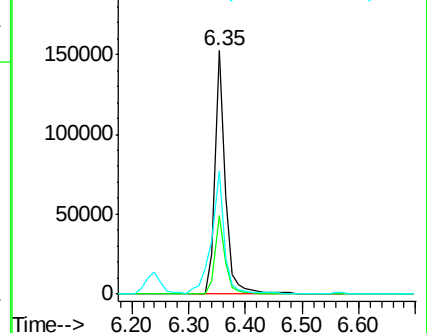
64 50.7 17.5 57.5

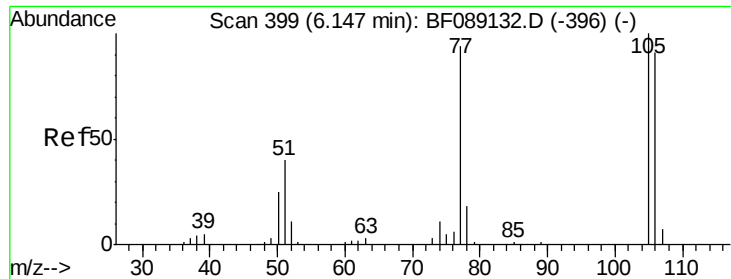


Abundance Ion 128.00 (127.70 to 128.70): E

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 :

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KMW-02-4.5-6.0MS

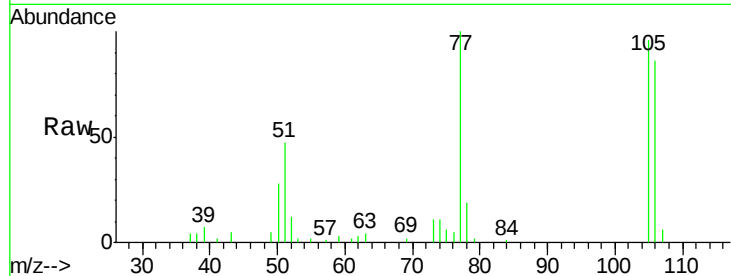
Tot Ion: 77 Resp: 35218

Ion Ratio Lower Upper

77 100

105 96.1 86.2 126.2

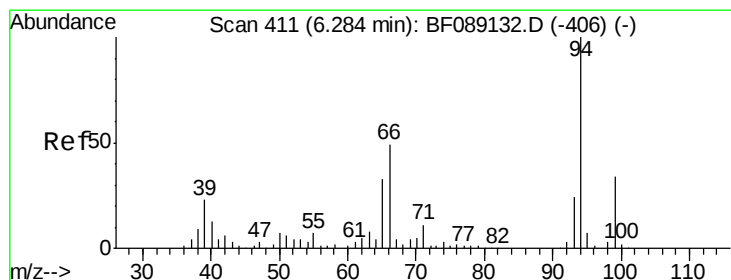
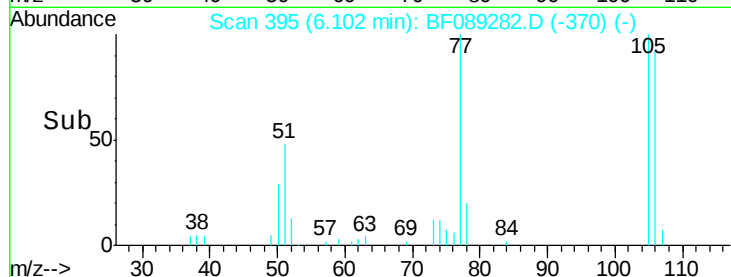
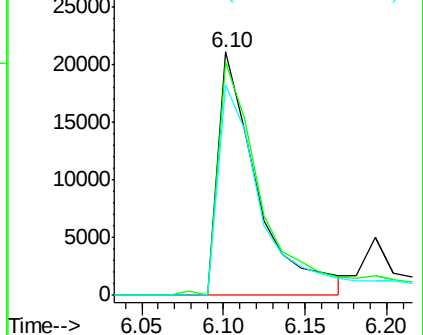
106 86.2 76.3 116.3



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

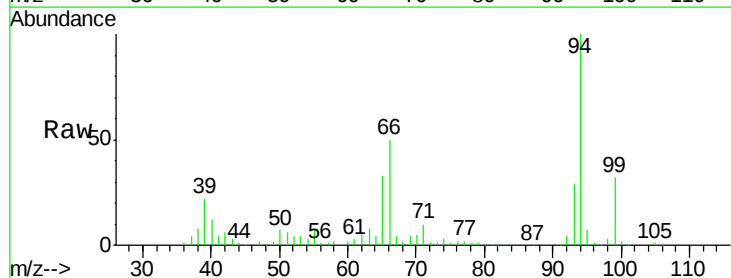
Tgt Ion: 94 Resp: 260631

Ion Ratio Lower Upper

94 100

65 32.6 13.3 53.3

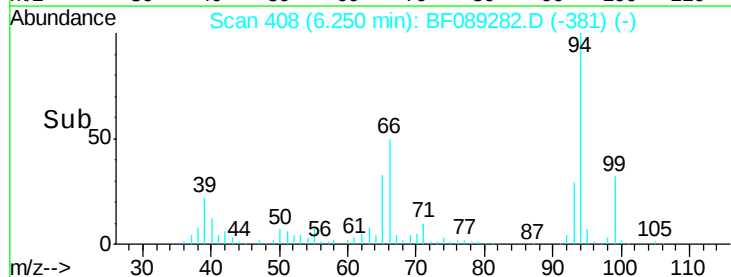
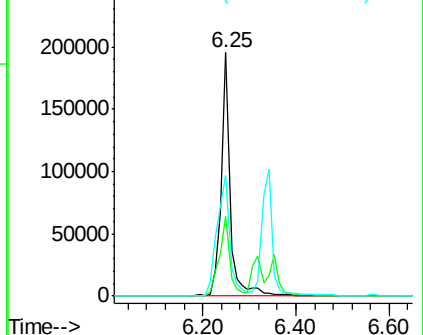
66 49.8 29.3 69.3

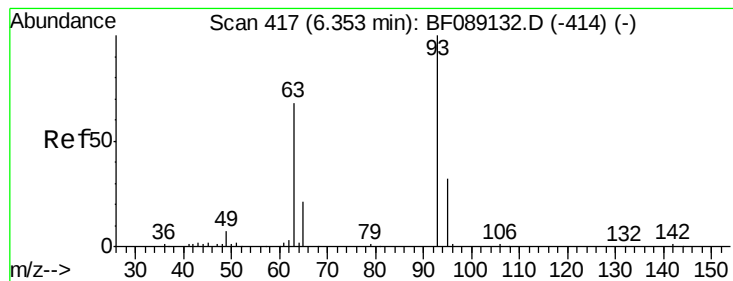


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

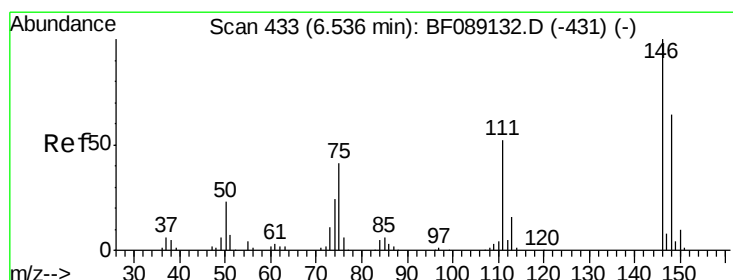
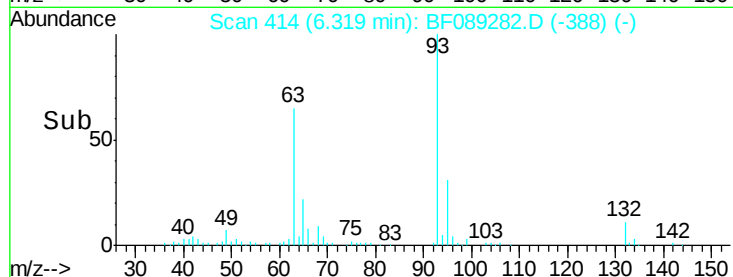
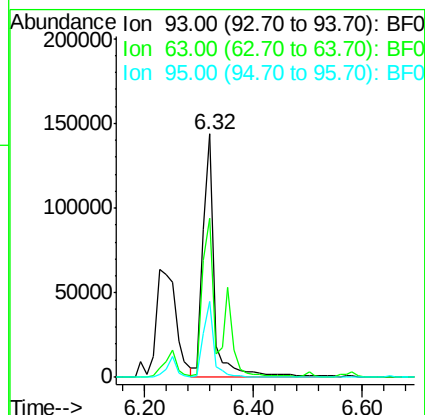
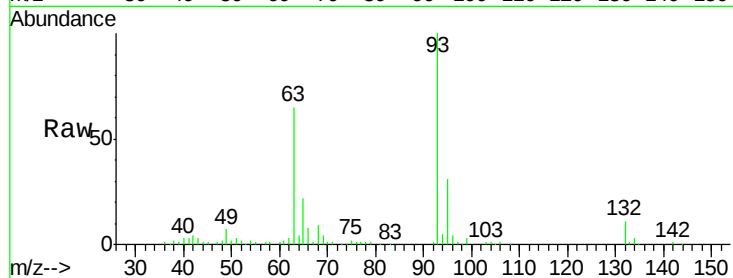




#11
bis(2-Chloroethyl)ether
Concen: 46.64 ng
RT: 6.32 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

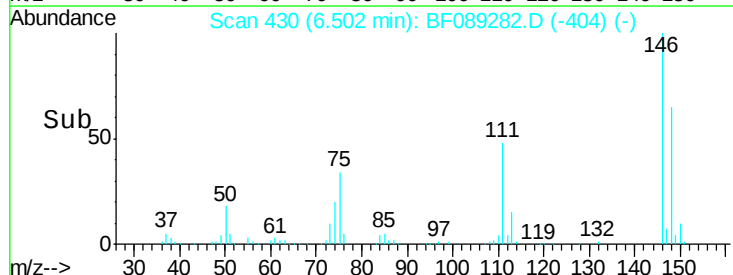
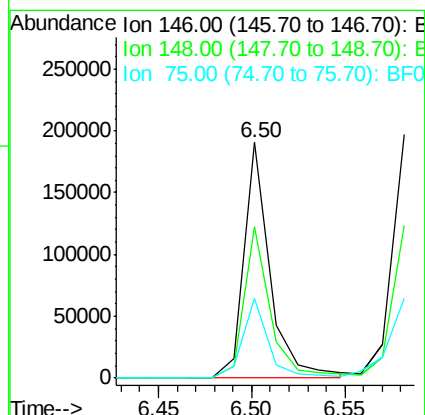
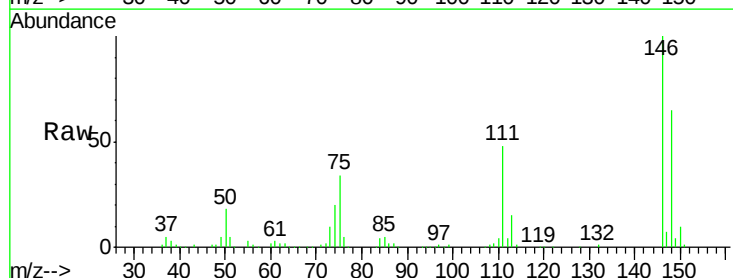
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

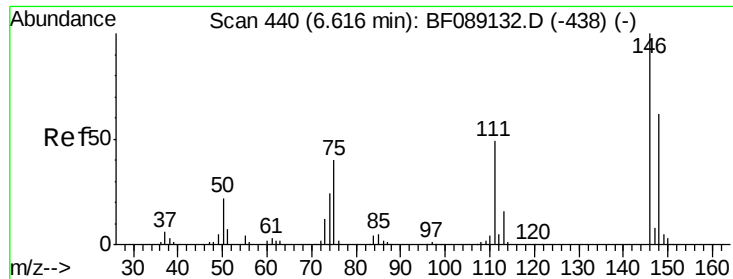
Tot Ion: 93 Resp: 202842
Ion Ratio Lower Upper
93 100
63 65.5 47.3 87.3
95 31.2 11.8 51.8



#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

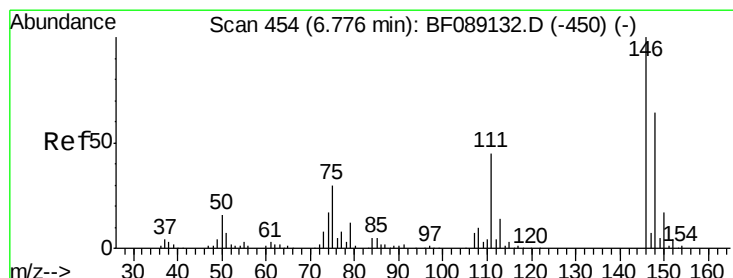
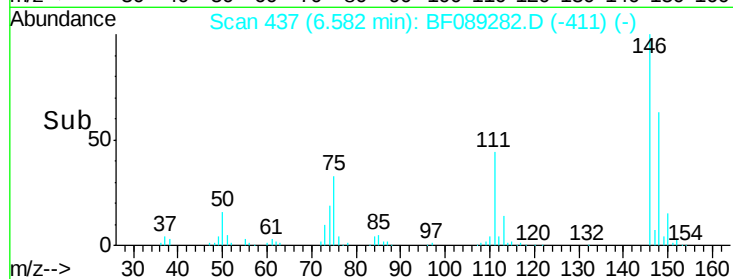
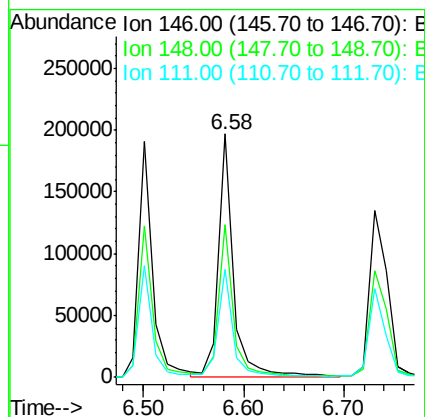
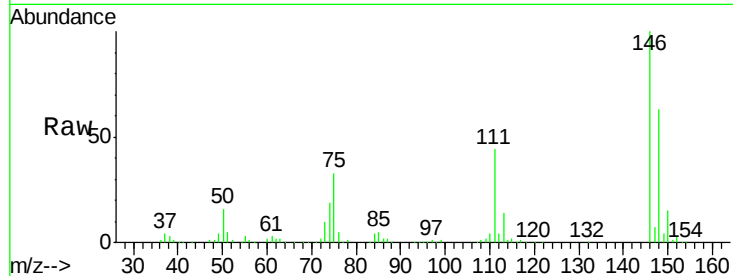




#13
 1,4-Dichlorobenzene
 Concen: 42.81 ng
 RT: 6.58 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

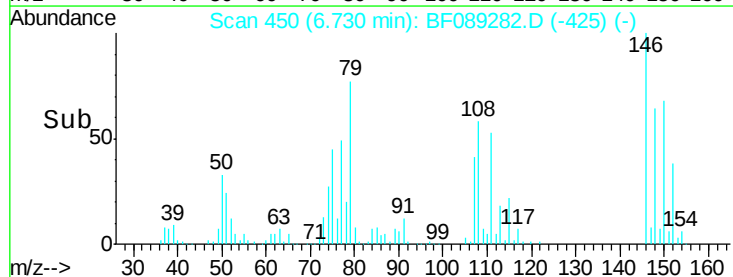
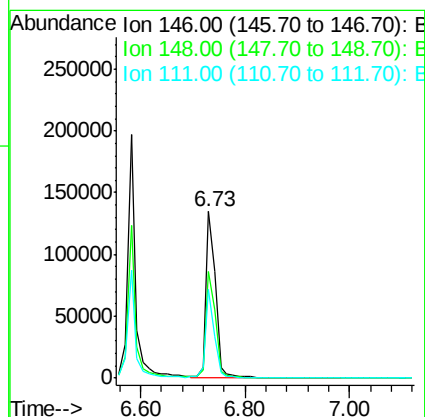
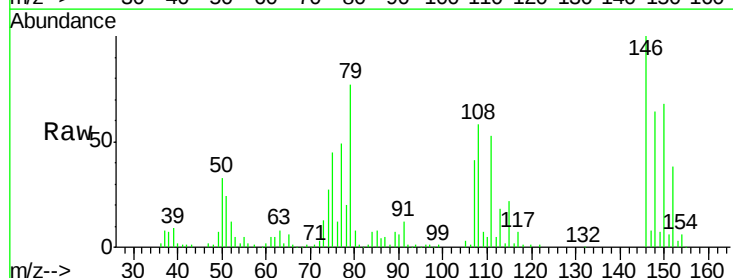
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MS

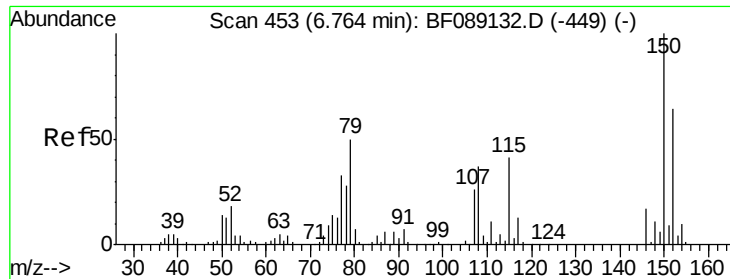
Tot Ion:146 Resp: 205931
 Ion Ratio Lower Upper
 146 100
 148 63.0 49.9 74.9
 111 44.3 39.8 59.6



#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

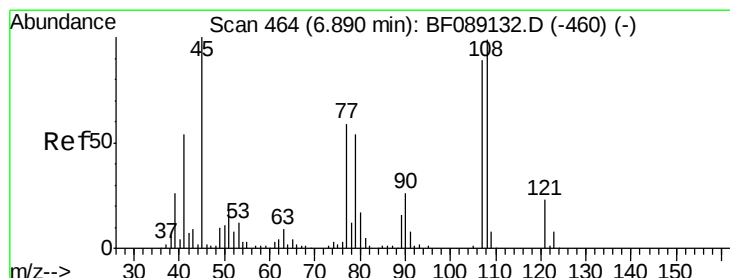
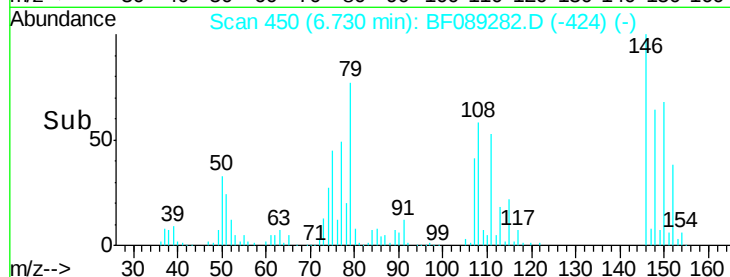
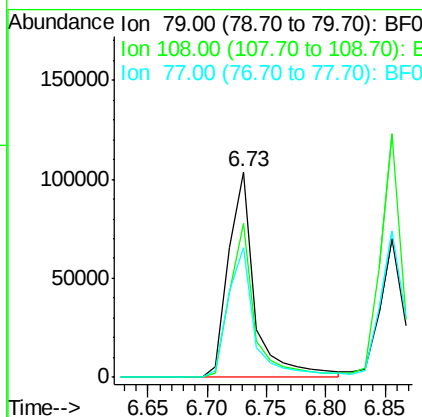
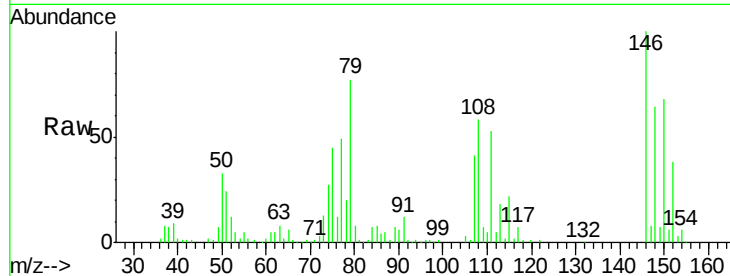




#15
Benzyl Alcohol
Concen: 43.35 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

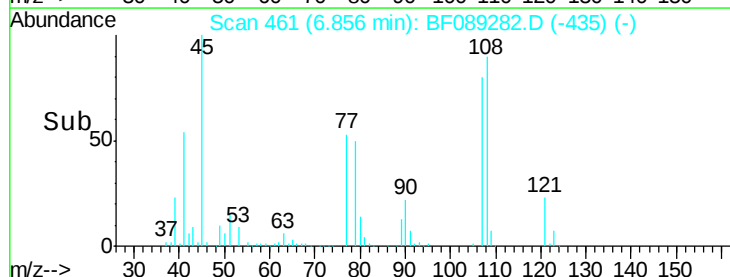
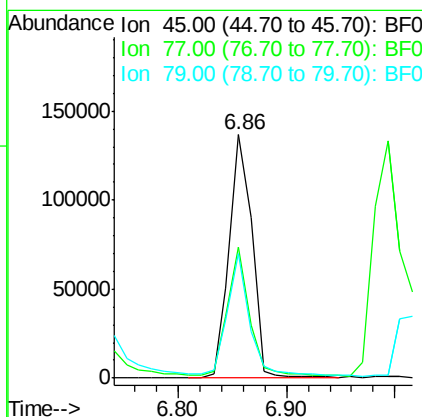
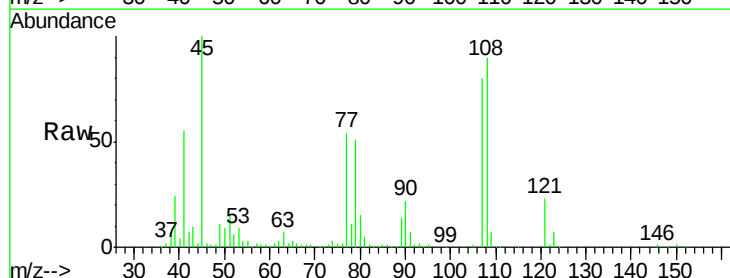
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

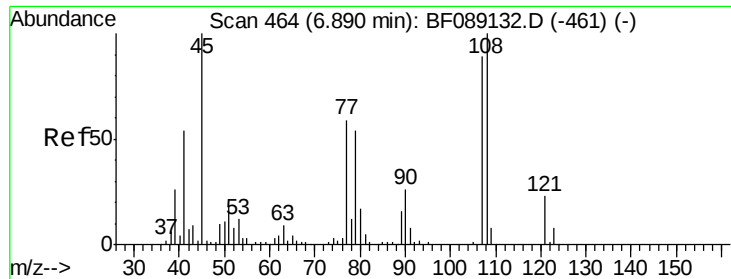
Tot Ion: 79 Resp: 159592
Ion Ratio Lower Upper
79 100
108 74.9 58.2 87.4
77 63.0 52.2 78.4



#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

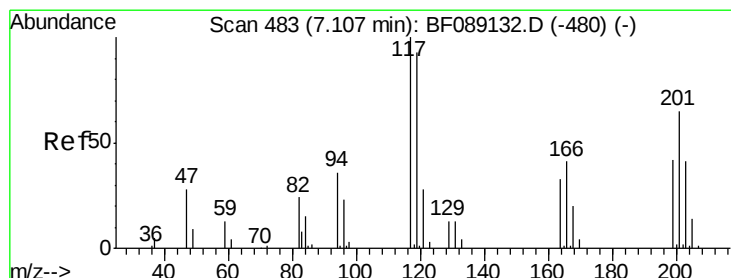
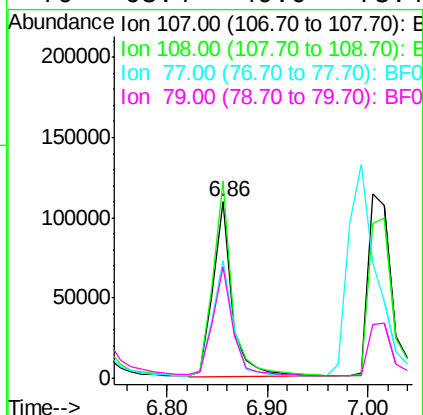
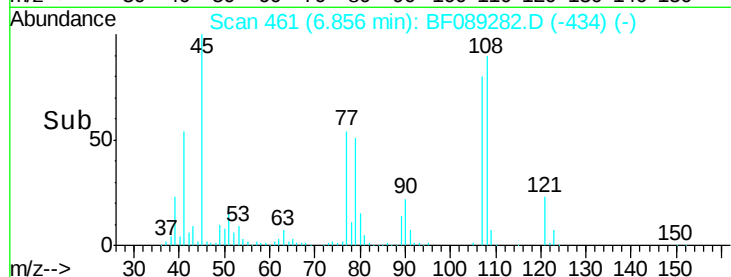
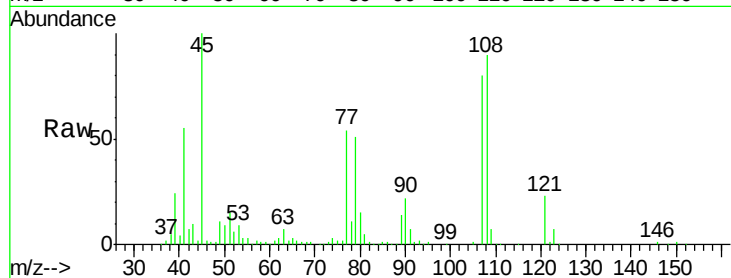




#17
2-Methylphenol
Concen: 42.38 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

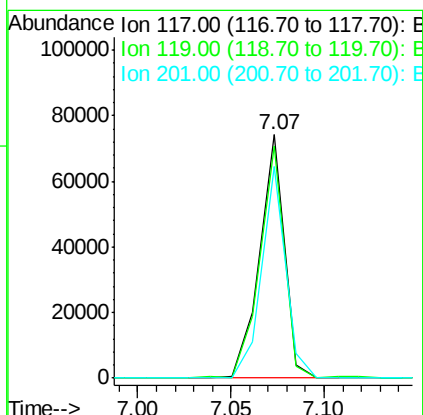
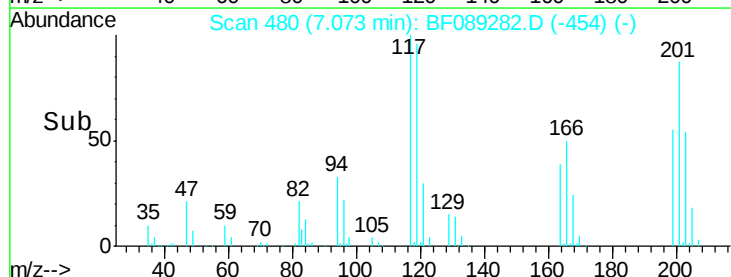
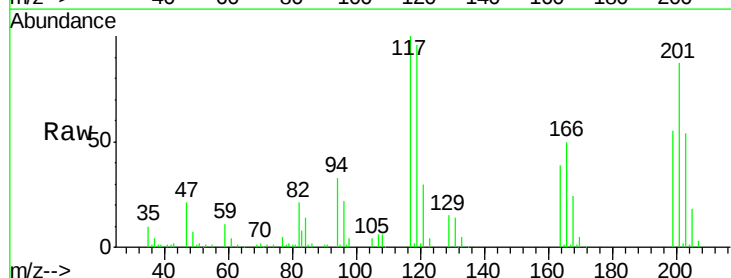
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

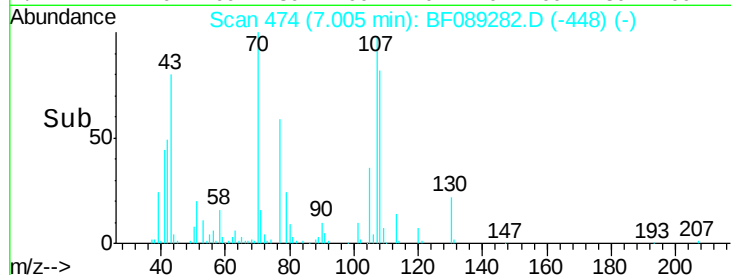
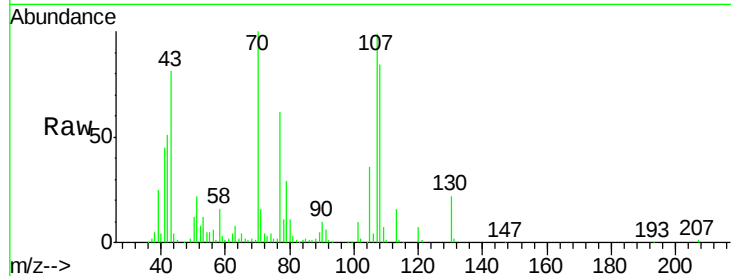
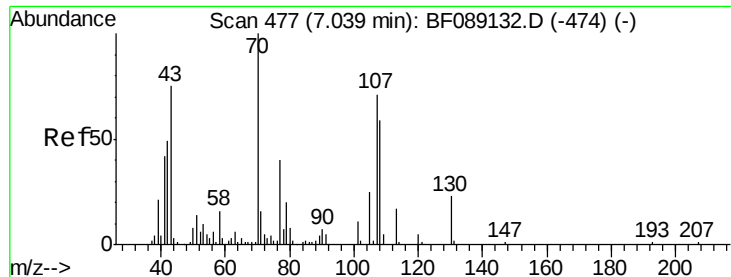
Tot Ion:107 Resp: 144413
Ion Ratio Lower Upper
107 100
108 111.8 89.4 134.2
77 67.1 53.4 80.0
79 63.4 49.0 73.4



#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#

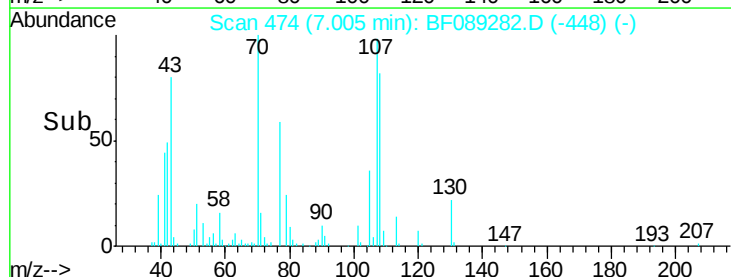
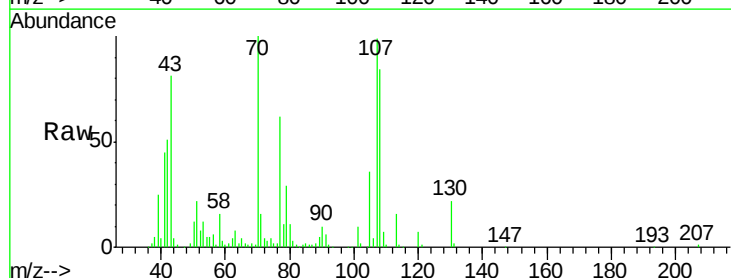
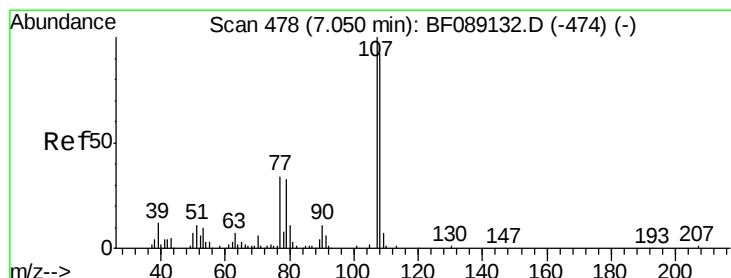
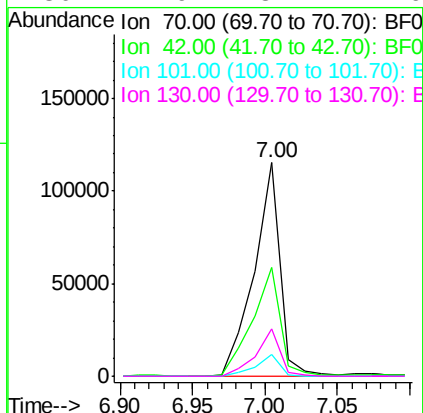




#19
n-Nitroso-di-n-propylamine
Concen: 43.95 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

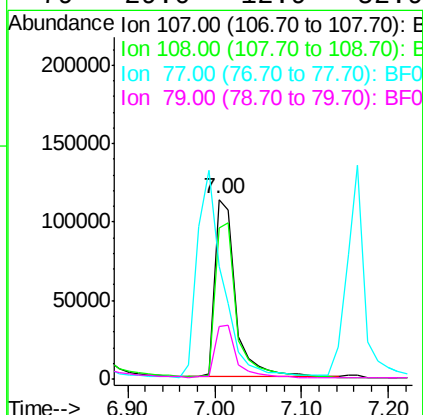
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

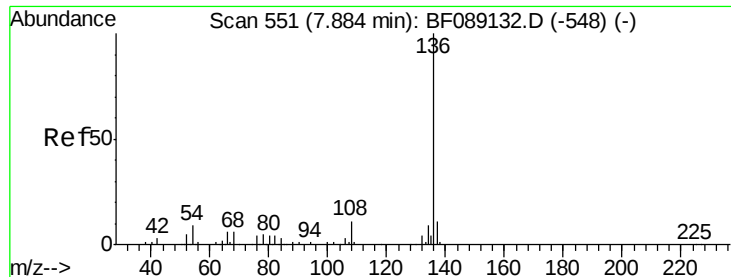
Tot Ion: 70 Resp: 144515
Ion Ratio Lower Upper
70 100
42 50.9 39.2 58.8
101 10.3 8.5 12.7
130 21.9 18.4 27.6



#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

Tot Ion:136 Resp: 239110

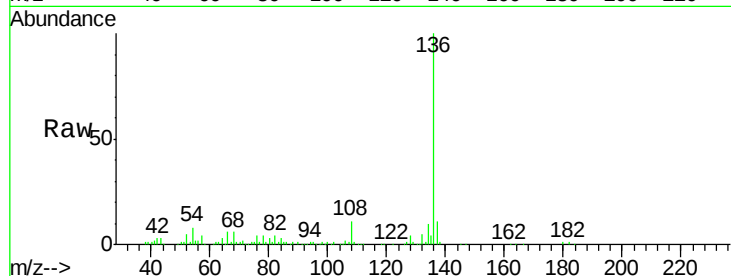
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.9 7.0 10.4

68 6.1 5.0 7.6

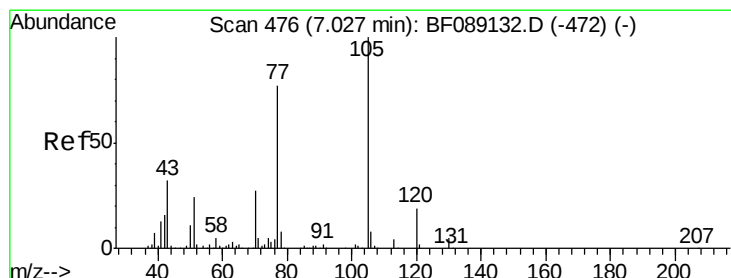
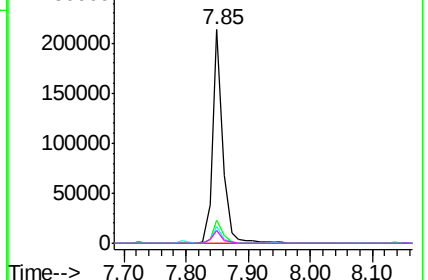
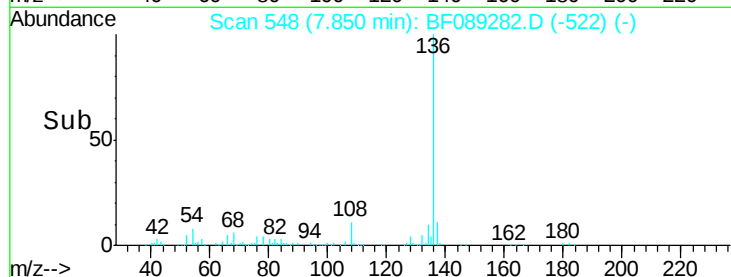


Abundance Ion 136.00 (135.70 to 136.70): E

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

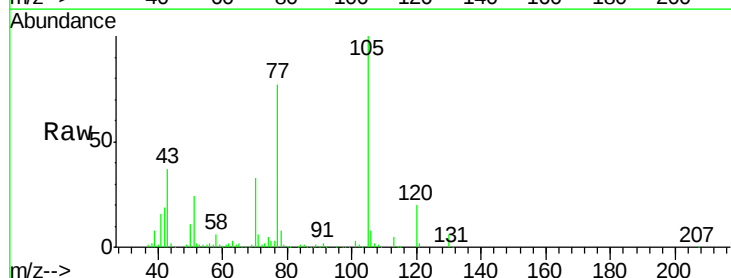
Ion Ratio Lower Upper

105 100

71 5.5 3.8 5.6

51 24.4 19.6 29.4

120 19.7 15.5 23.3

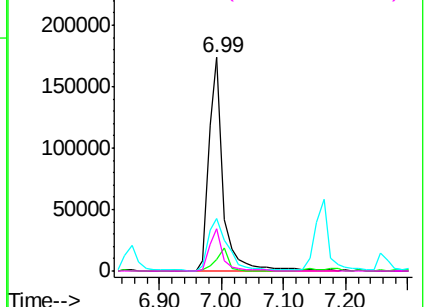
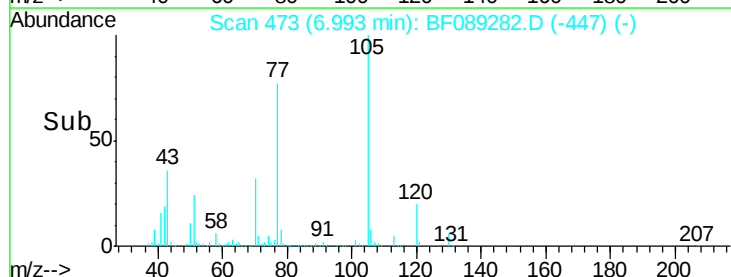


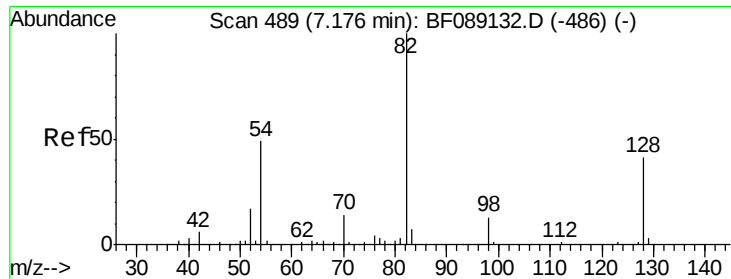
Abundance Ion 105.00 (104.70 to 105.70): E

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

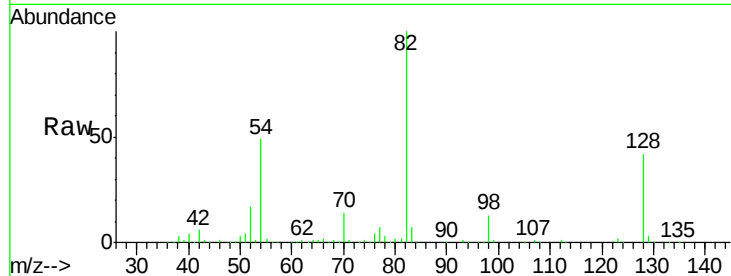




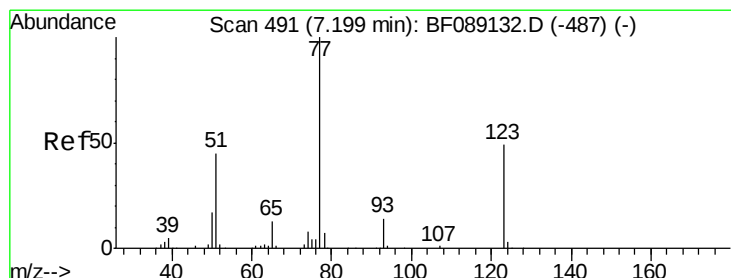
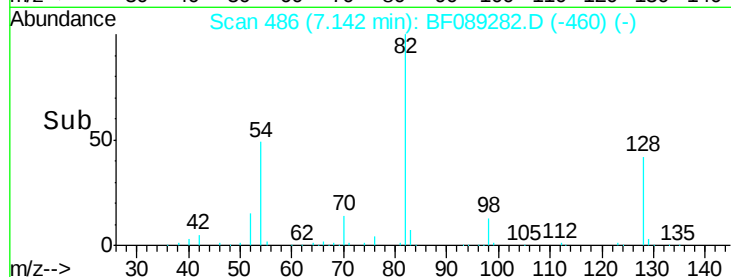
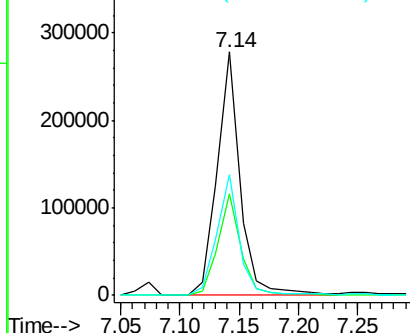
#23
Nitrobenzene-d5
Concen: 82.78 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

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

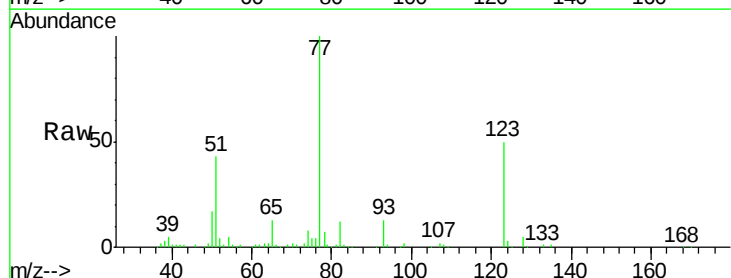


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

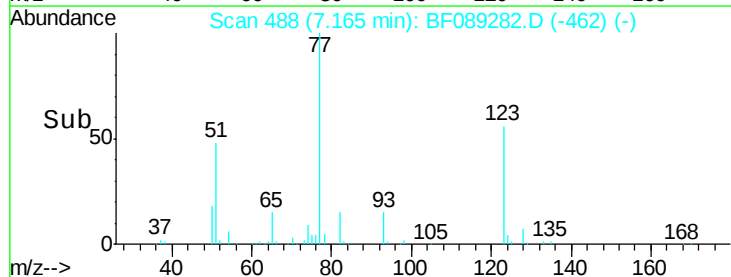
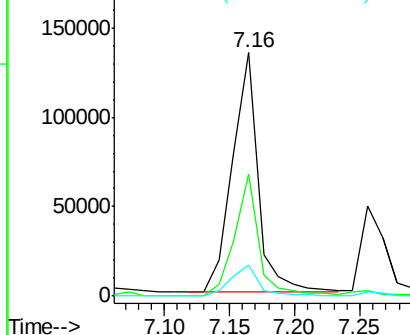


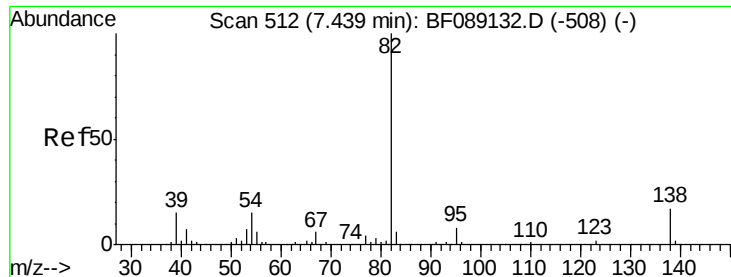
#24
Nitrobenzene
Concen: 38.89 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

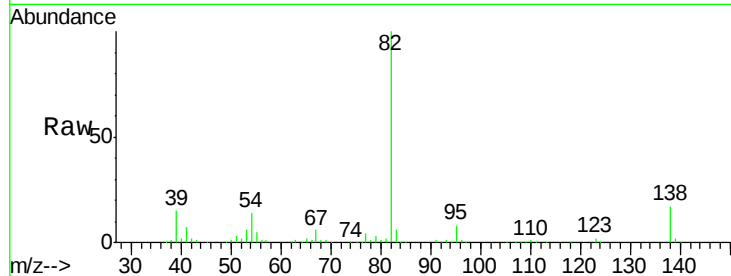
Tot Ion: 82 Resp: 365883

Ion Ratio Lower Upper

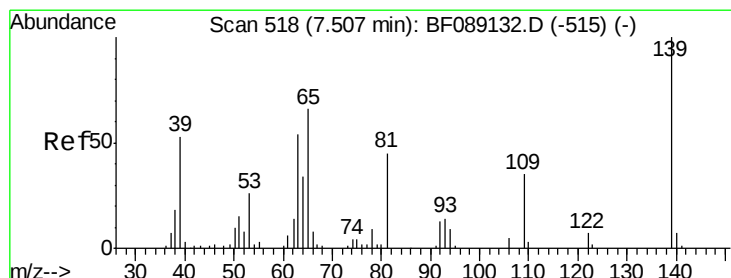
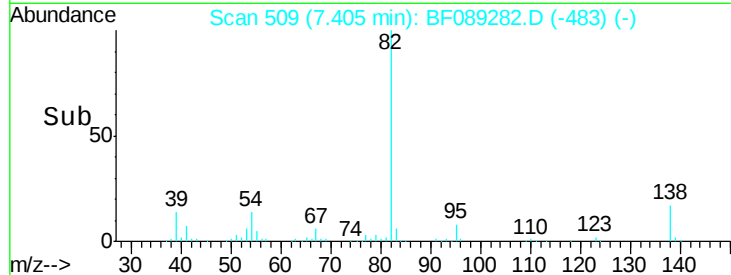
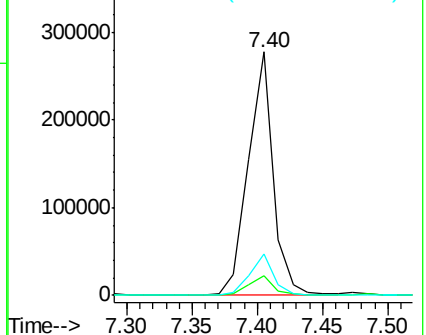
82 100

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

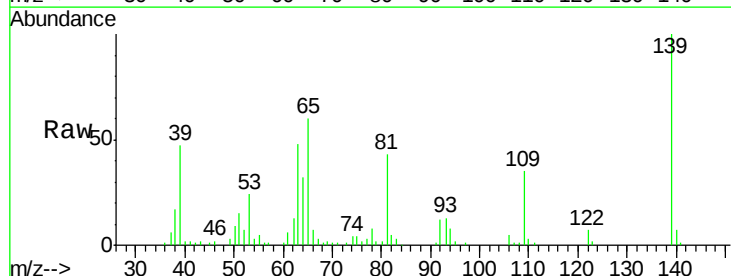
Tgt Ion: 139 Resp: 81891

Ion Ratio Lower Upper

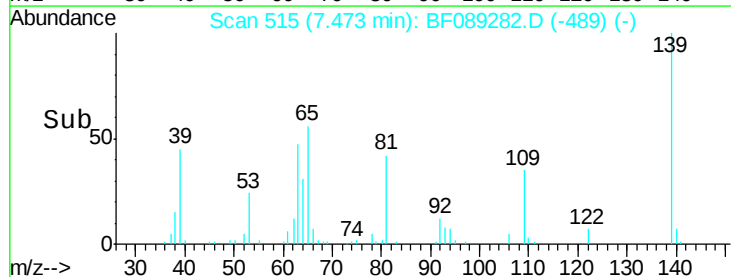
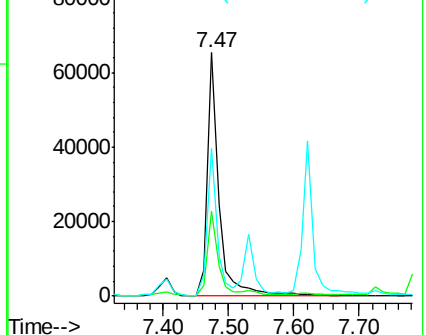
139 100

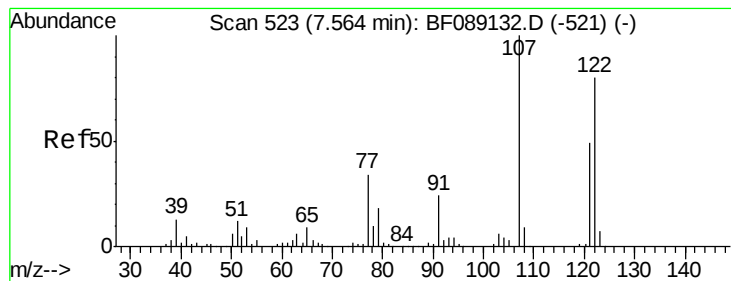
109 35.1 28.1 42.1

65 60.5 52.7 79.1



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

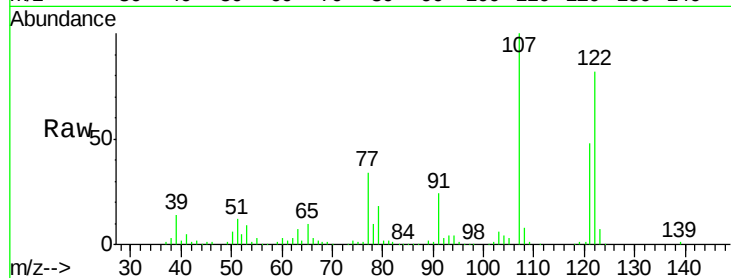




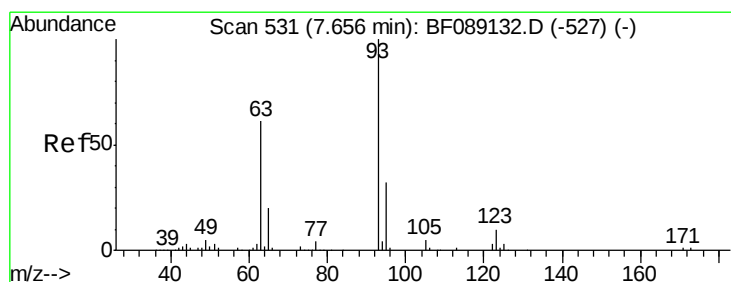
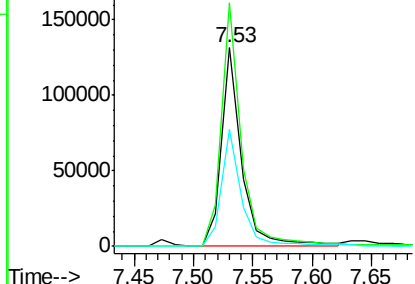
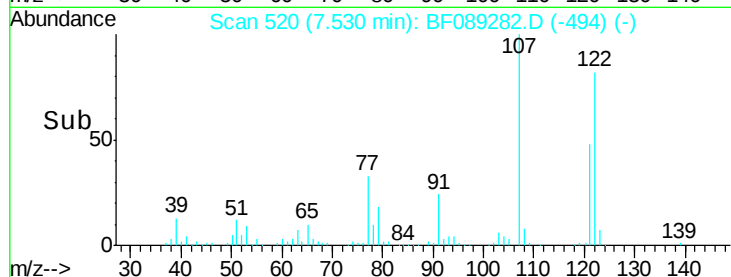
#27
 2,4-Dimethylphenol
 Concen: 41.24 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

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

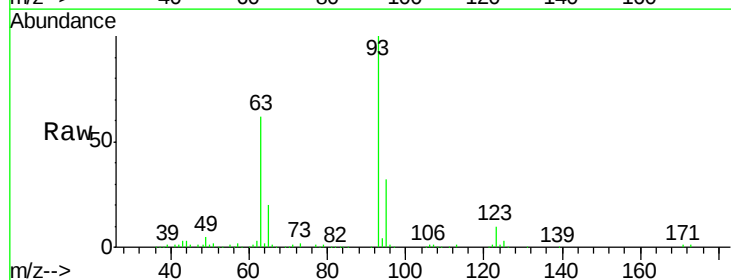


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

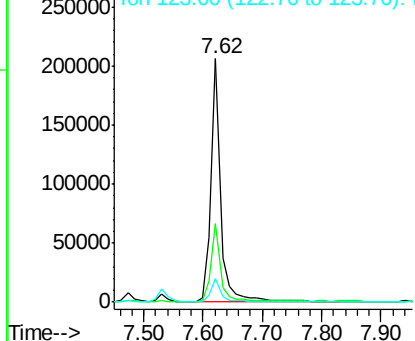
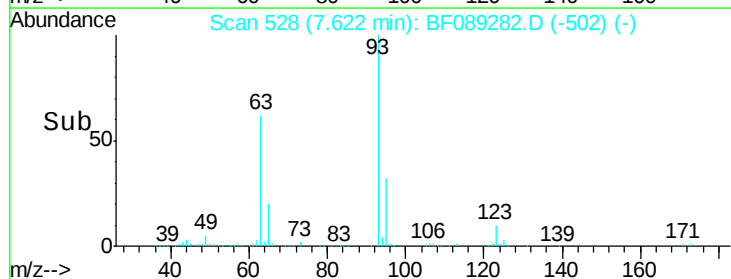


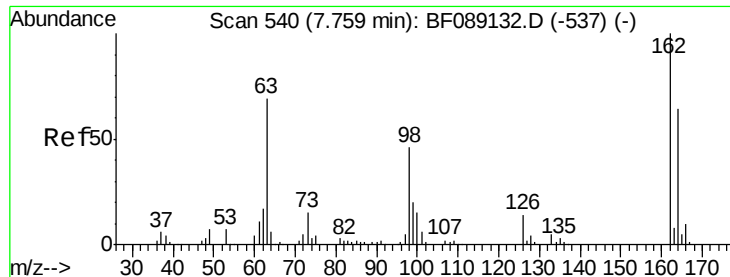
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.47 ng
 RT: 7.62 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

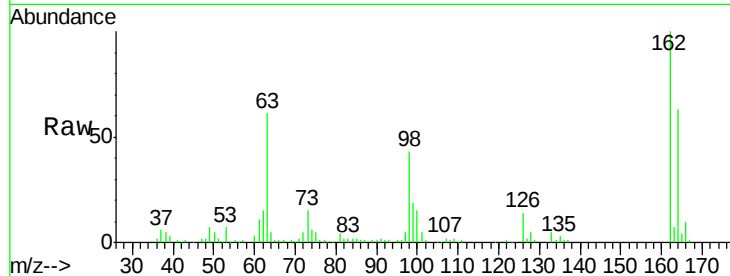




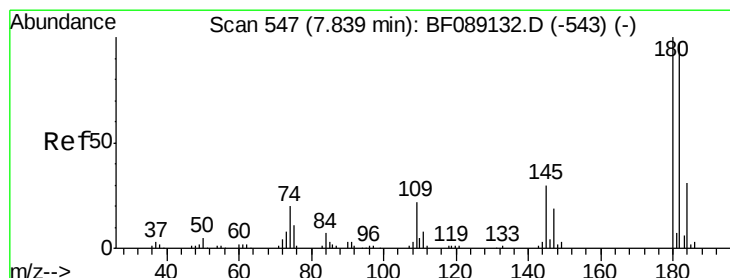
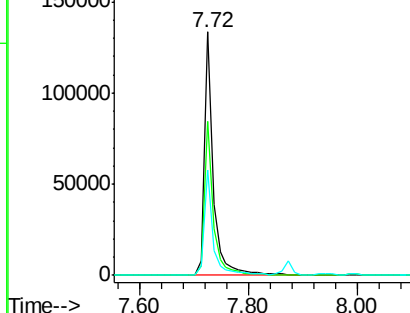
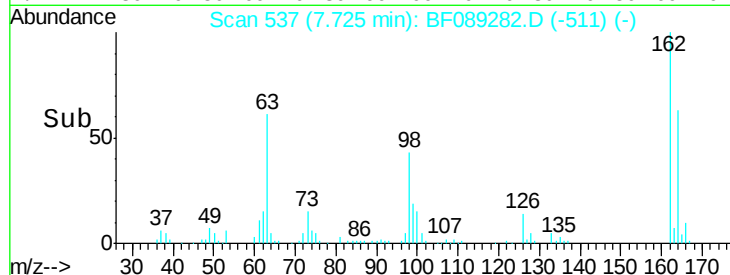
#29
 2,4-Dichlorophenol
 Concen: 44.77 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

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

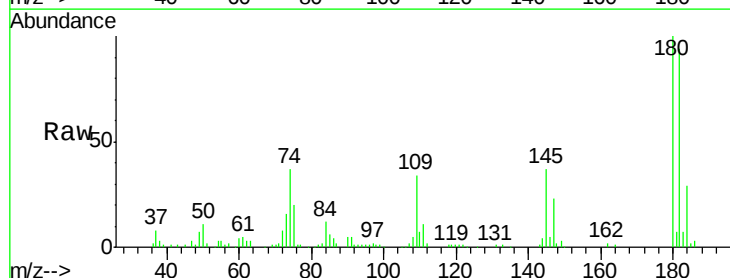


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

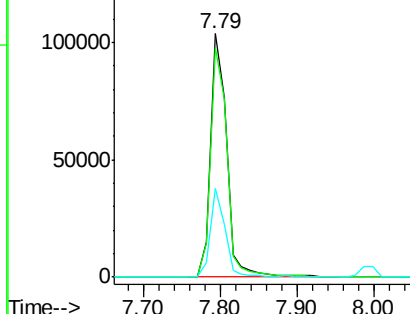
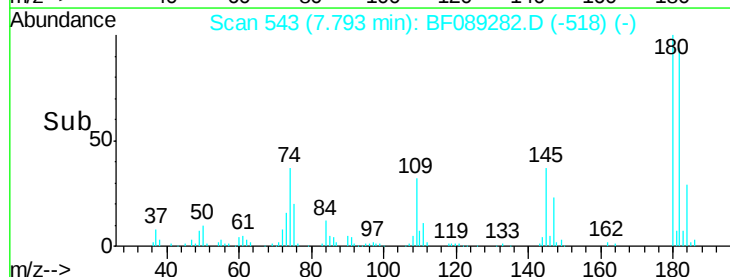


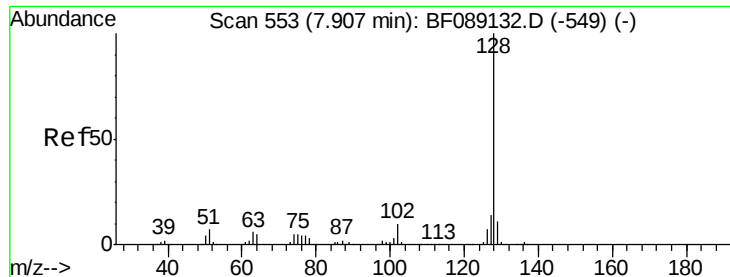
#30
 1,2,4-Trichlorobenzene
 Concen: 40.30 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

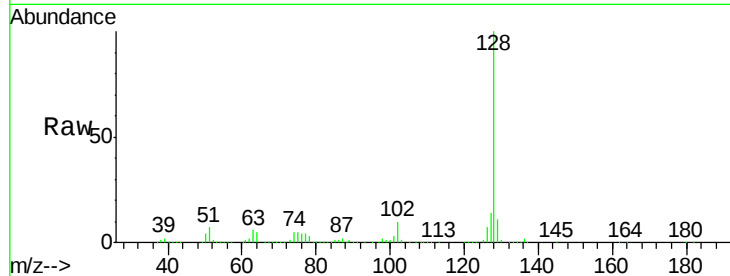




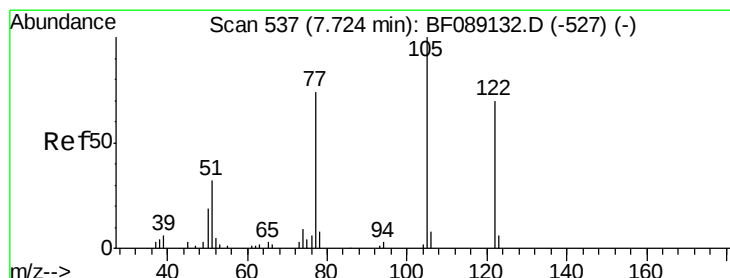
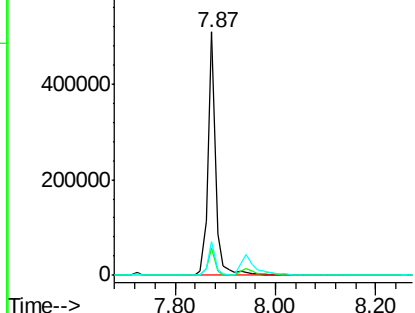
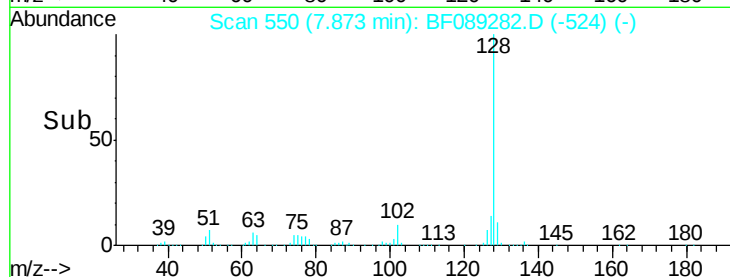
#31
Naphthalene
Concen: 42.07 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

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

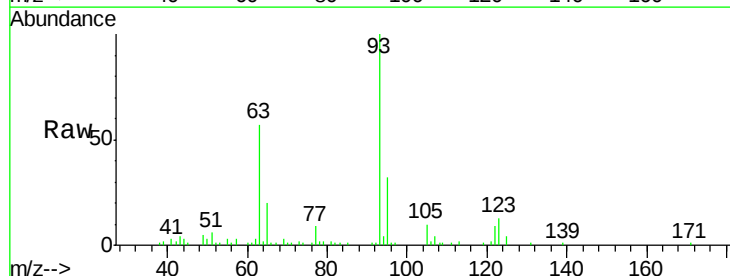


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

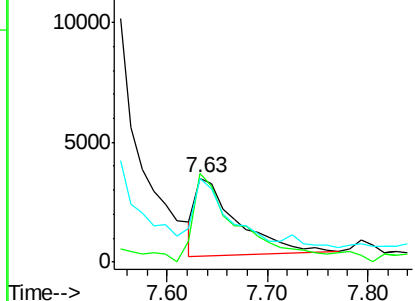
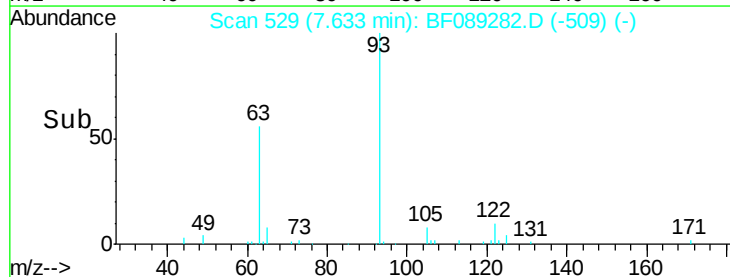


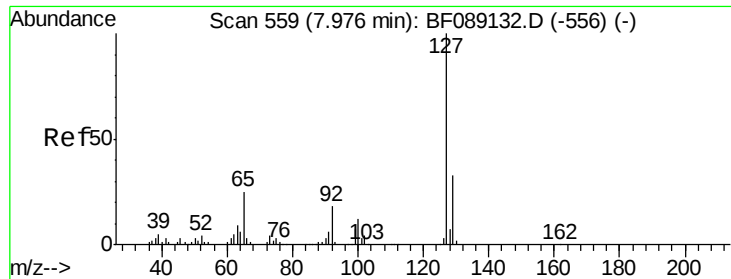
#32
Benzoic acid
Concen: 3.20 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.07 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

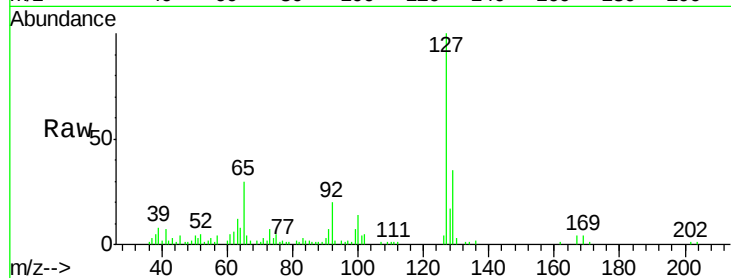




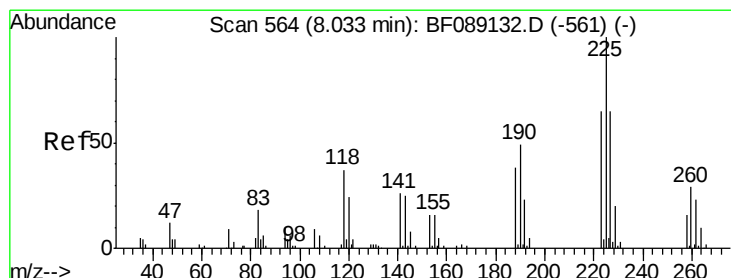
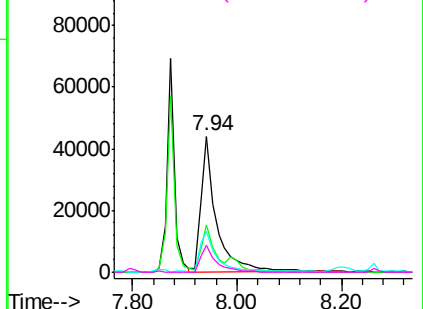
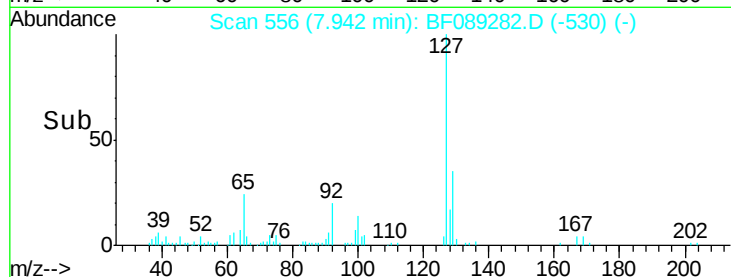
#33
4-Chloroaniline
Concen: 16.64 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

Tot 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

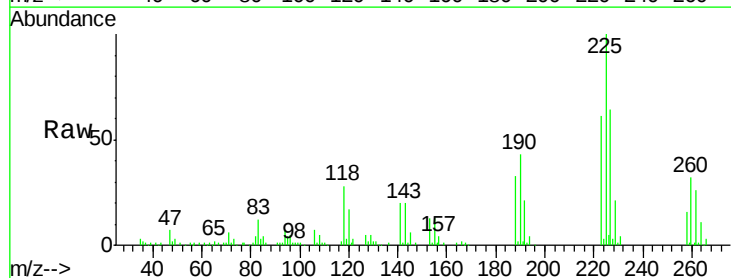


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

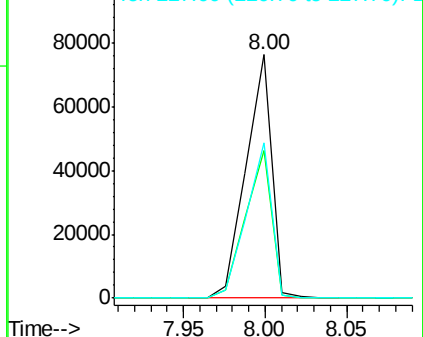
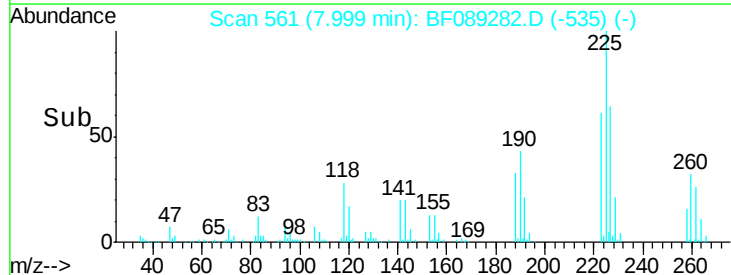


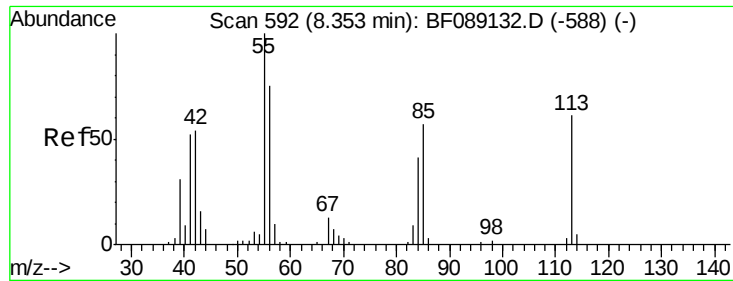
#34
Hexachlorobutadiene
Concen: 40.20 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

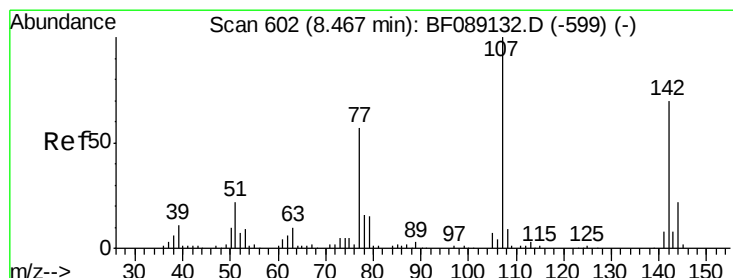
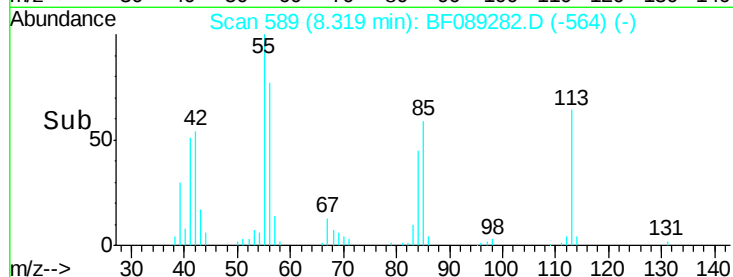
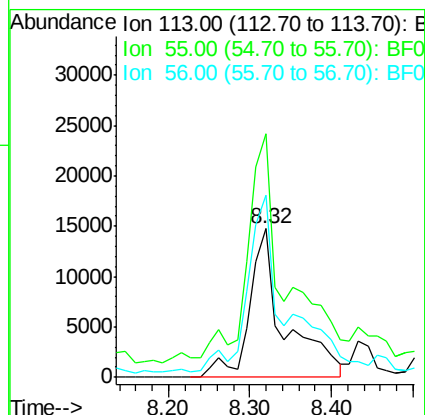
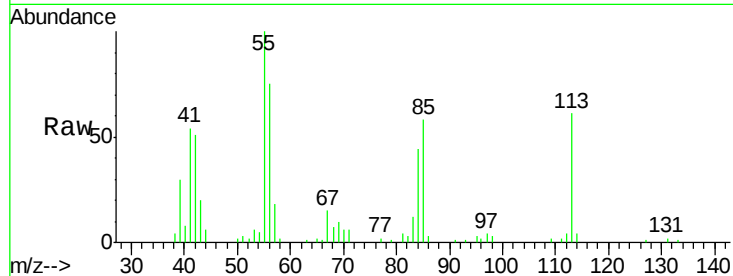




#35
 Caprolactam
 Concen: 42.02 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

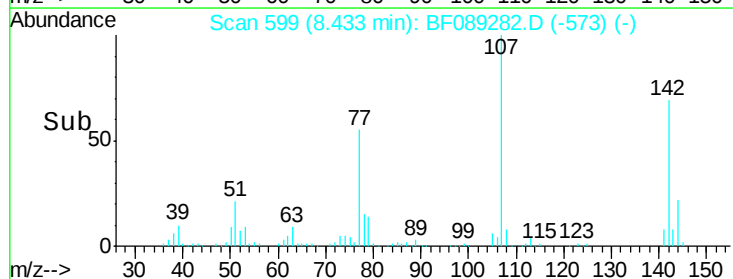
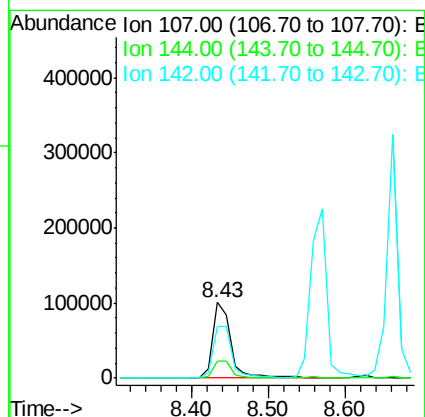
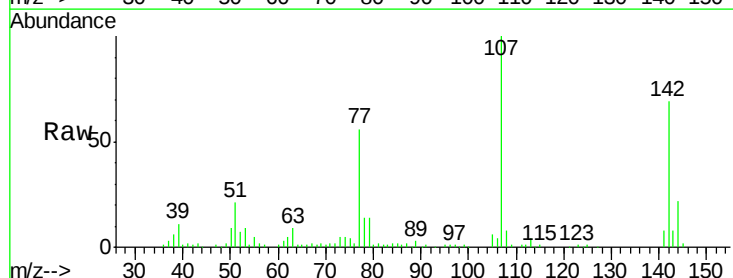
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MS

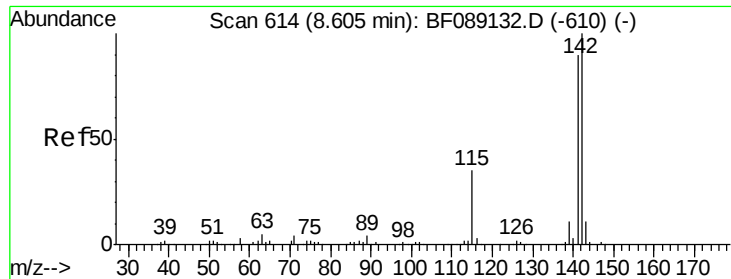
Tot Ion:113 Resp: 43861
 Ion Ratio Lower Upper
 113 100
 55 163.8 145.3 185.3
 56 122.7 104.3 144.3



#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

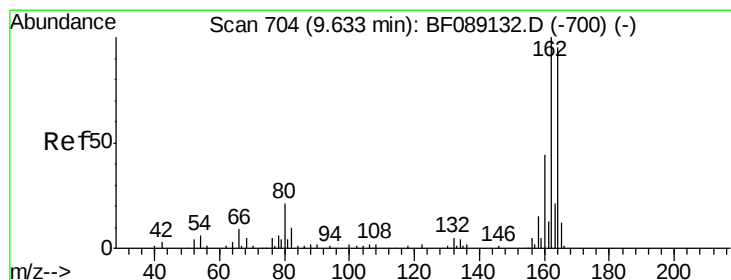
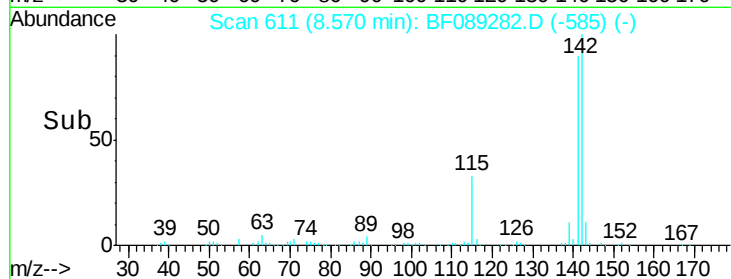
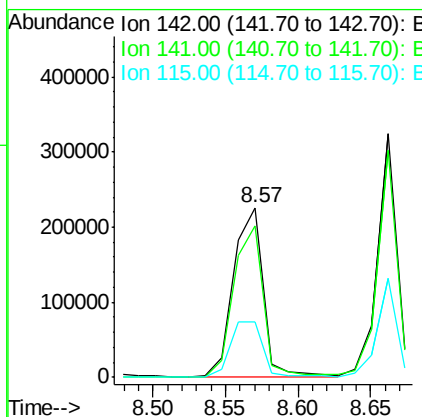
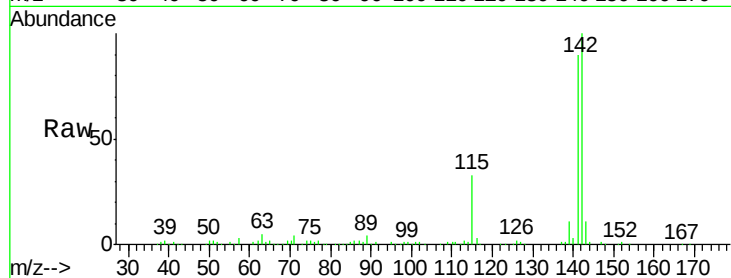




#37
2-Methylnaphthalene
Concen: 39.25 ng
RT: 8.57 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

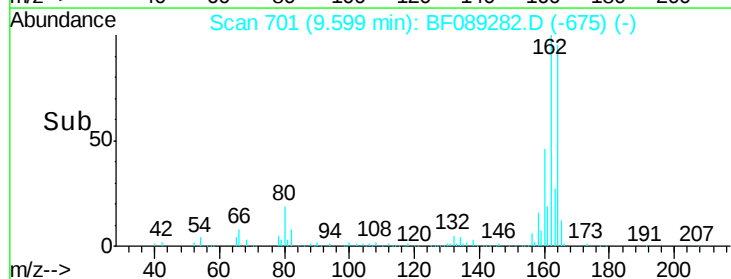
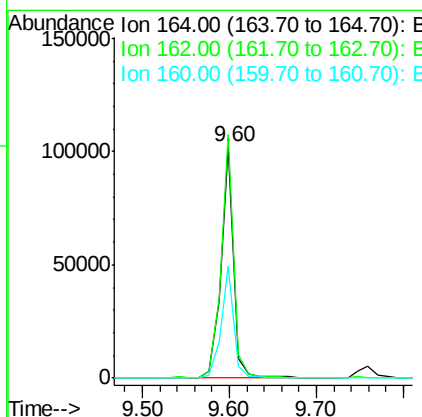
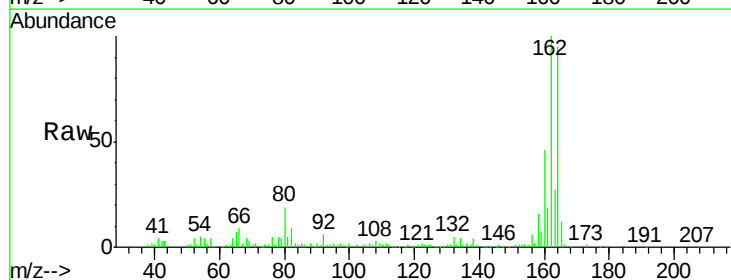
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

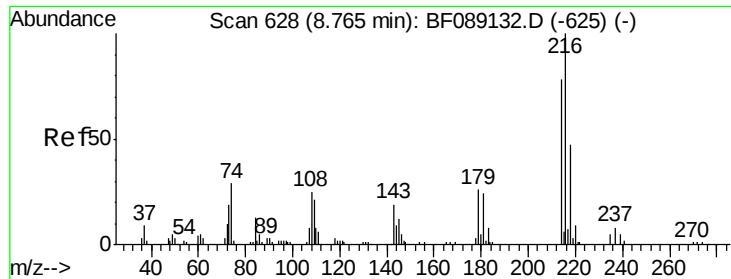
Tot Ion:142 Resp: 322997
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4
115 33.1 27.6 41.4



#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

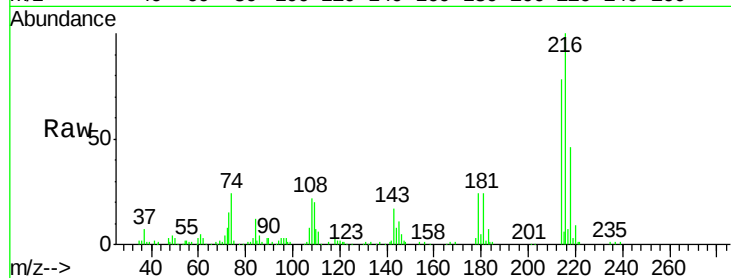




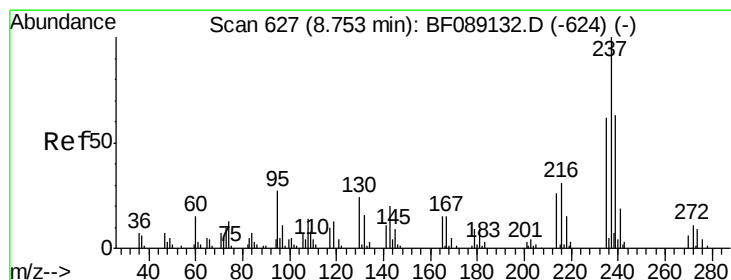
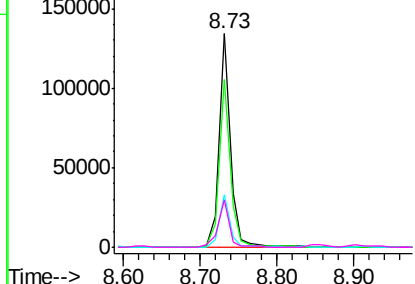
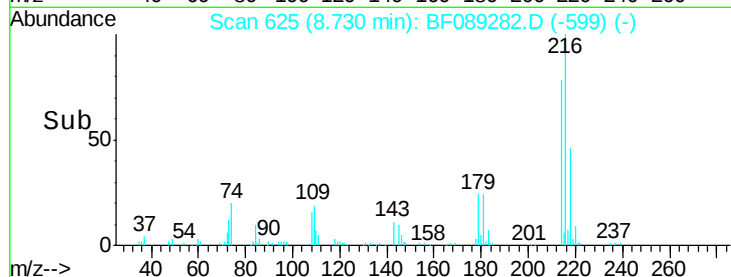
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.18 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

Tot 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

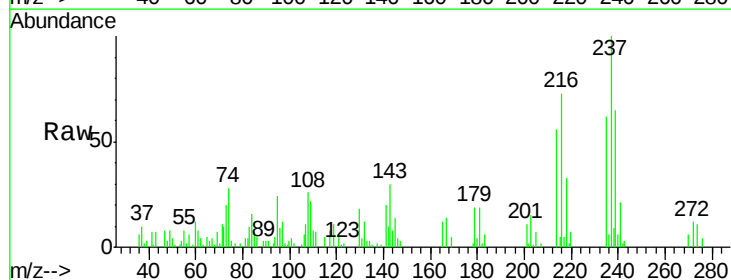


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

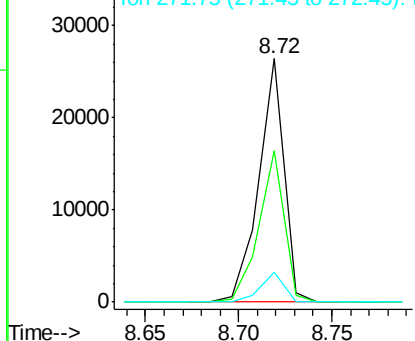
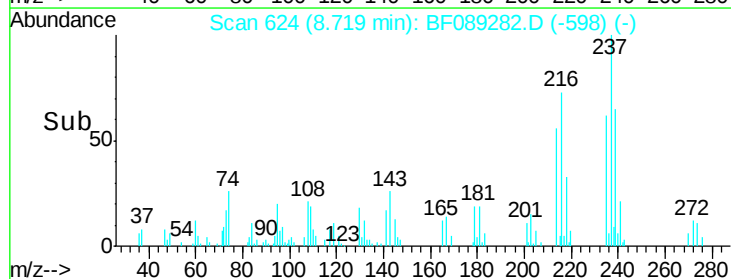


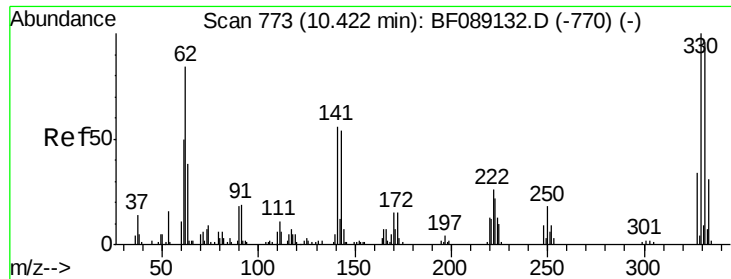
#40
 Hexachlorocyclopentadiene
 Concen: 25.21 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

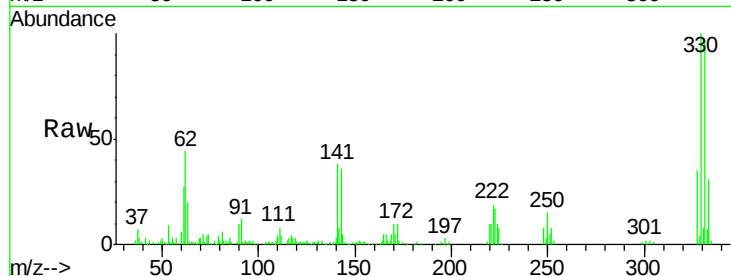




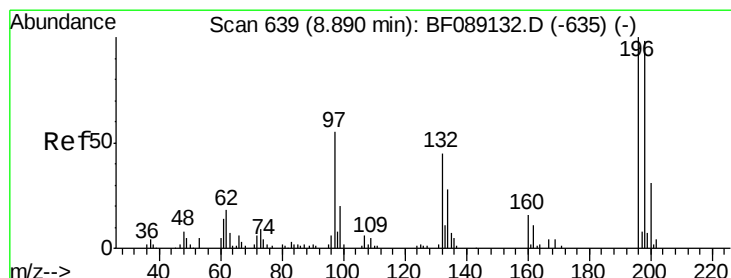
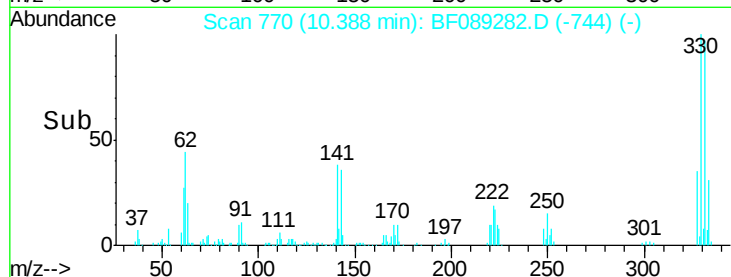
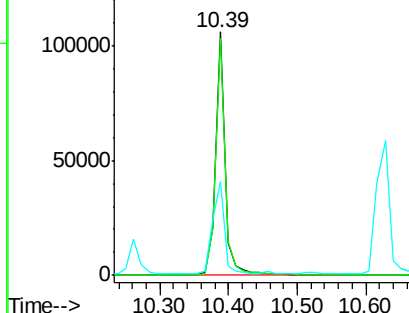
#41
 2,4,6-Tribromophenol
 Concen: 111.57 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

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

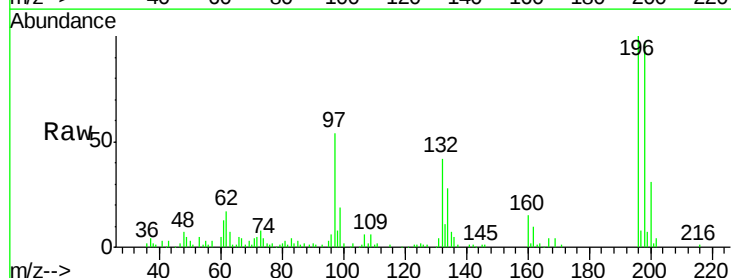


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

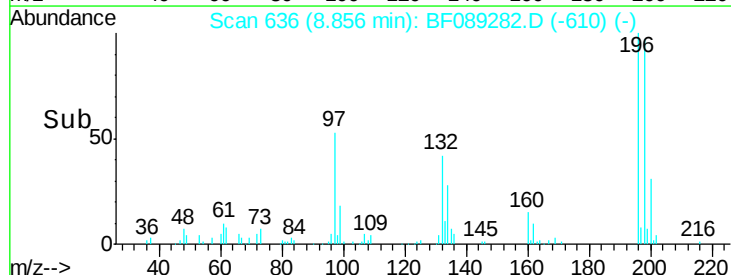
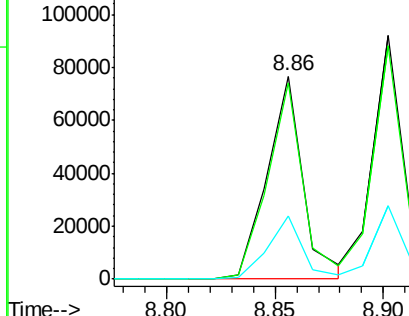


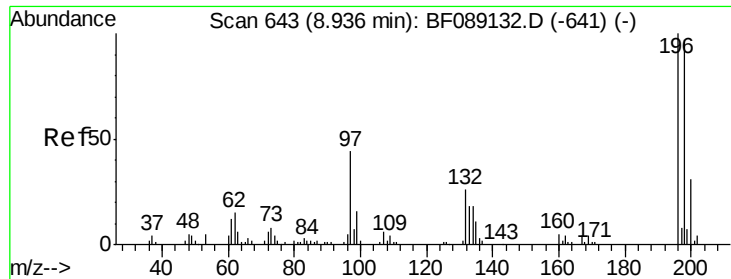
#42
 2,4,6-Trichlorophenol
 Concen: 40.43 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

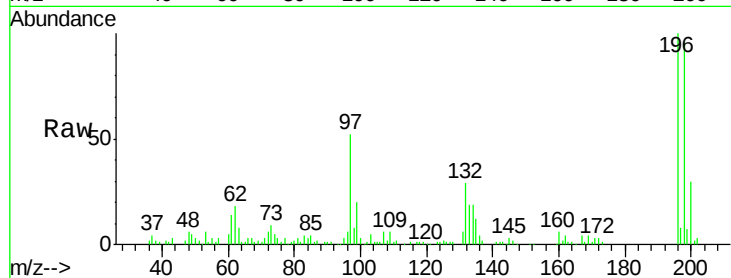




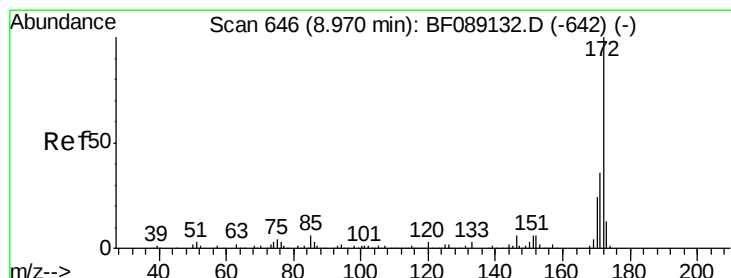
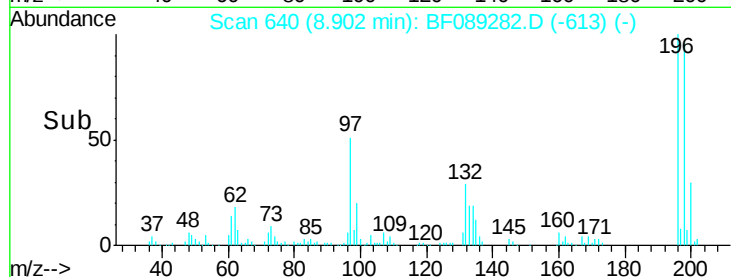
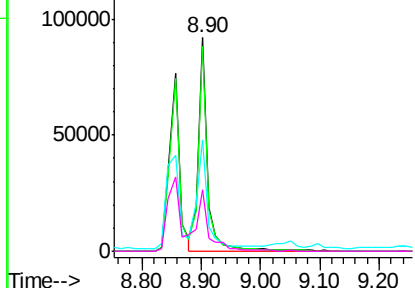
#43
 2,4,5-Trichlorophenol
 Concen: 46.88 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

Tot 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



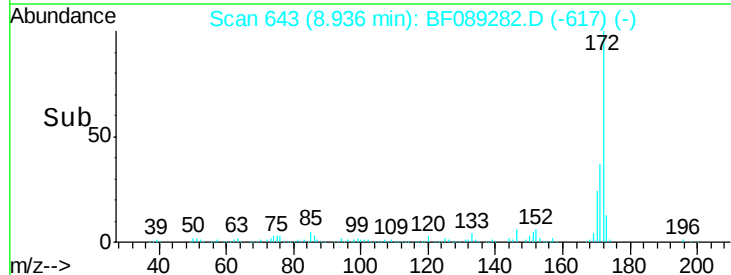
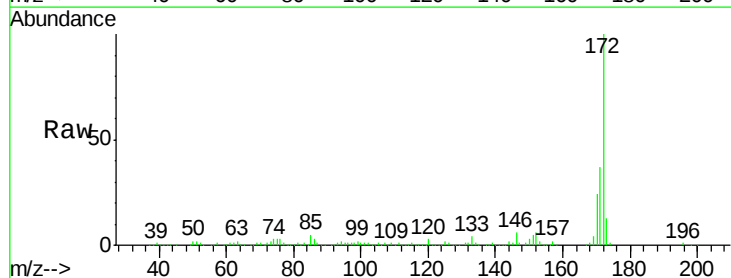
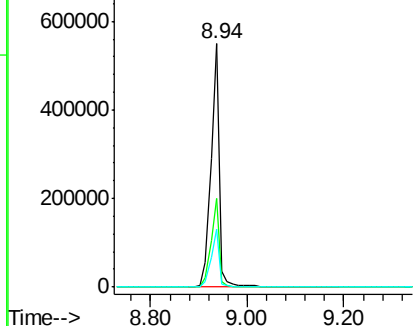
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

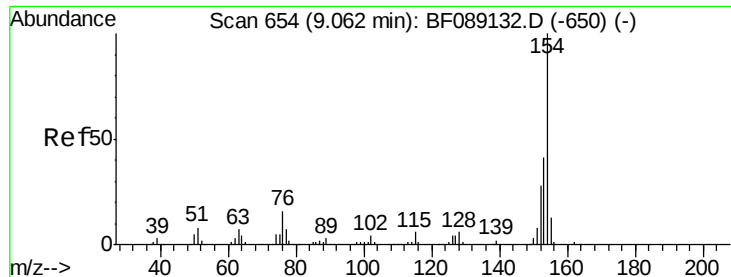


#44
 2-Fluorobiphenyl
 Concen: 87.63 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

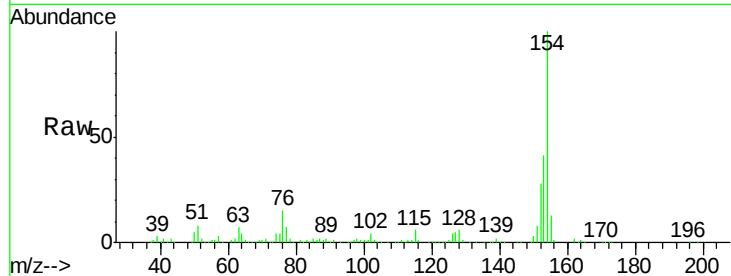




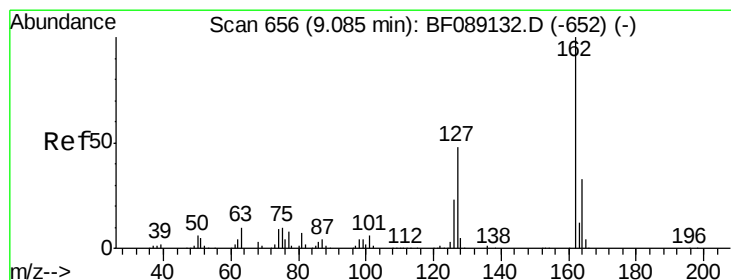
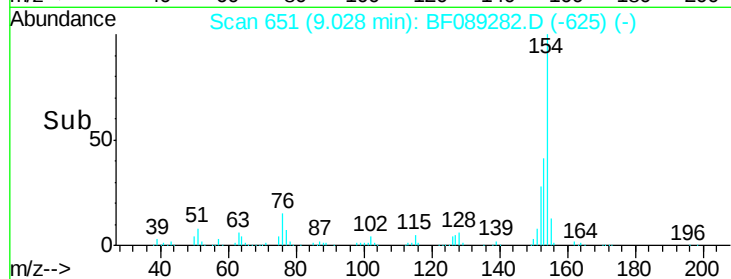
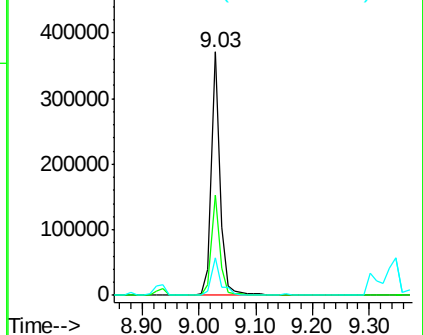
#45
 1,1'-Biphenyl
 Concen: 40.38 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

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

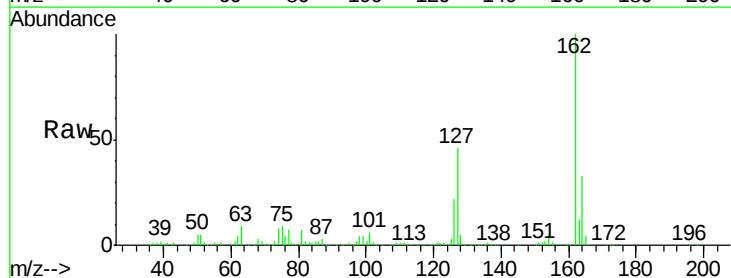


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

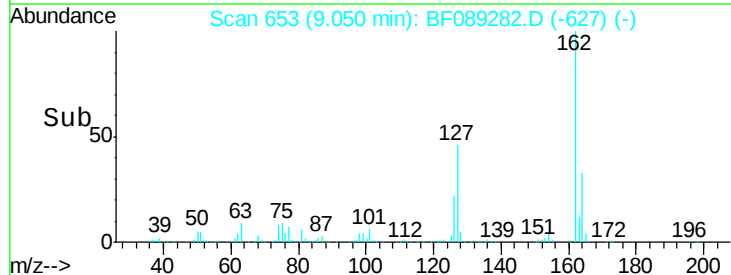
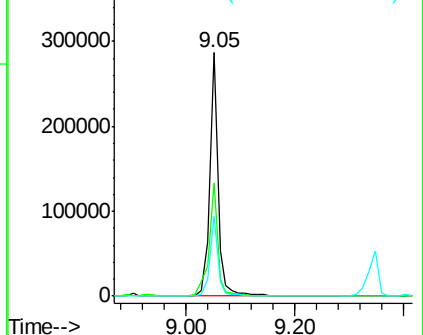


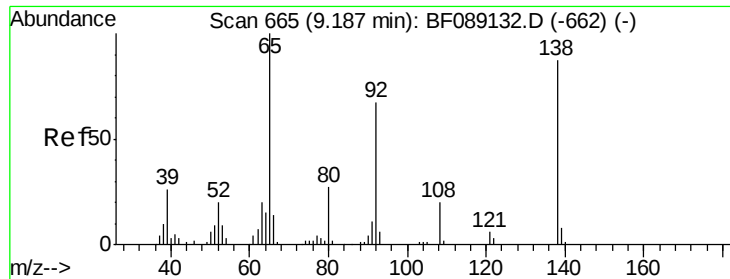
#46
 2-Chloronaphthalene
 Concen: 42.45 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

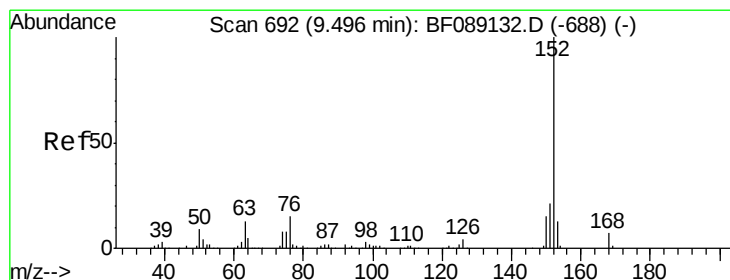
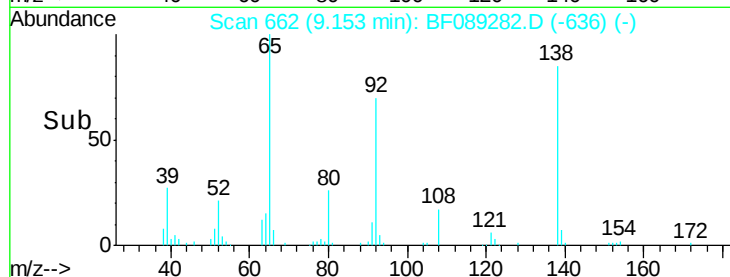
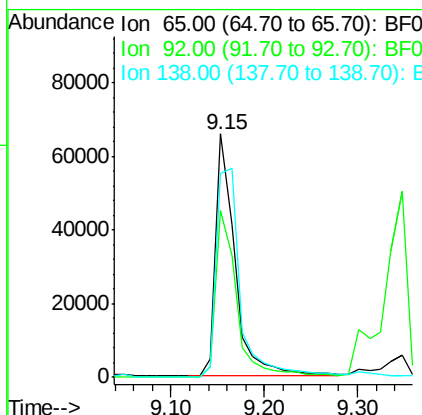
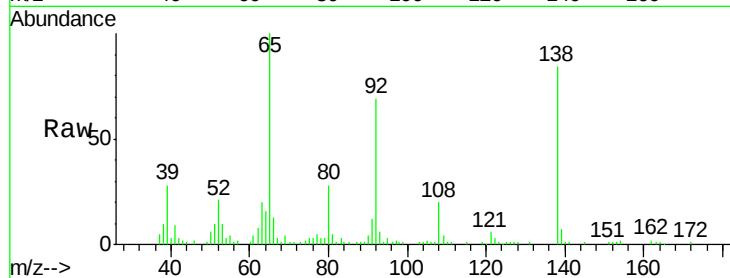




#47
2-Nitroaniline
Concen: 38.74 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

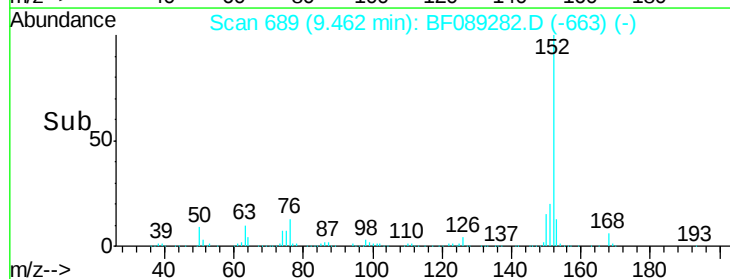
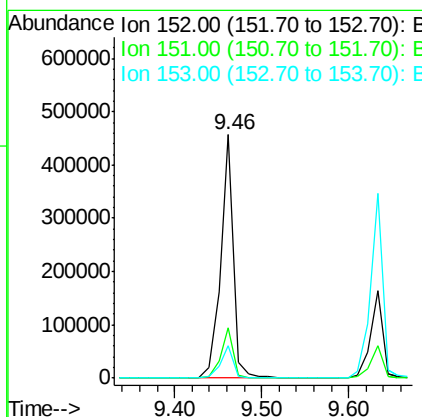
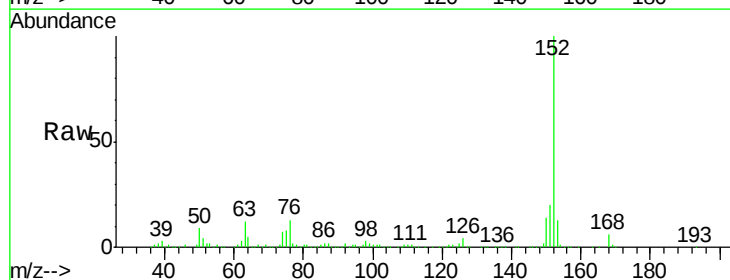
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

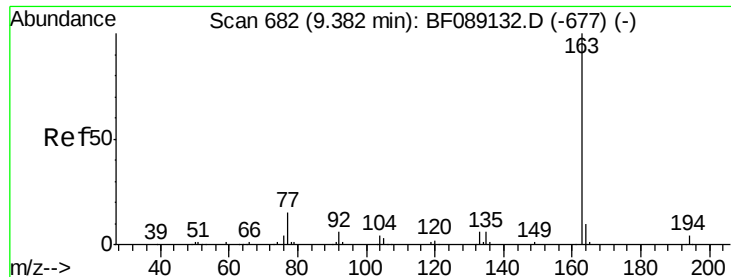
Tot Ion: 65 Resp: 95945
Ion Ratio Lower Upper
65 100
92 68.7 53.2 79.8
138 83.8 69.4 104.2



#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

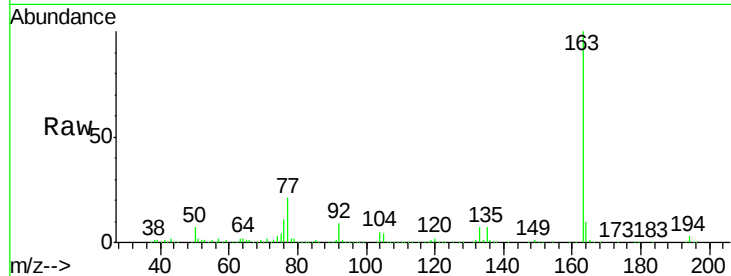




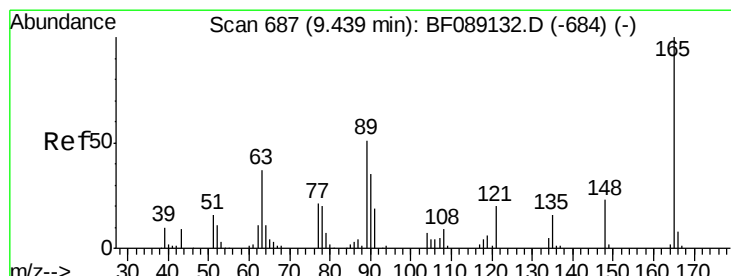
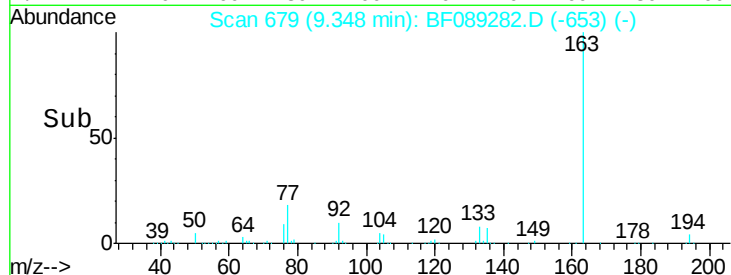
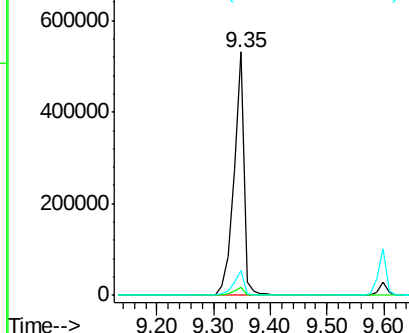
#49
Dimethylphthalate
Concen: 82.16 ng
RT: 9.35 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

Tot Ion:163 Resp: 665126
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.0 7.6 11.4

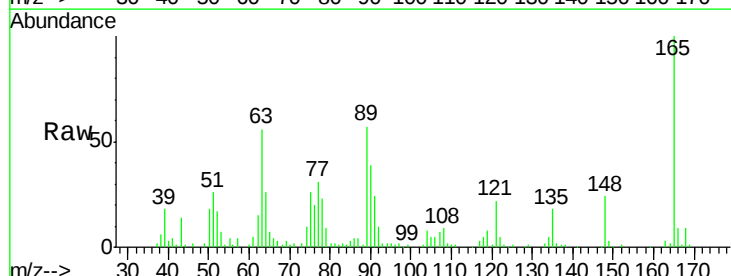


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

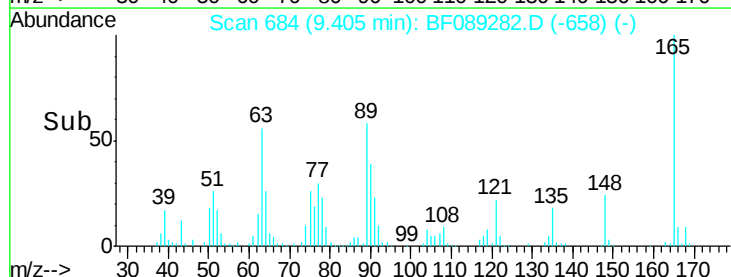
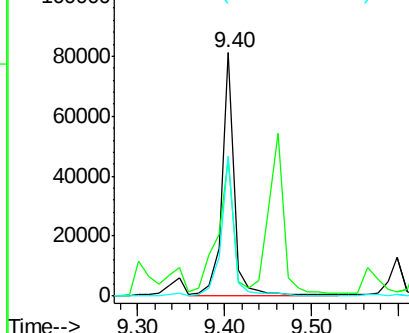


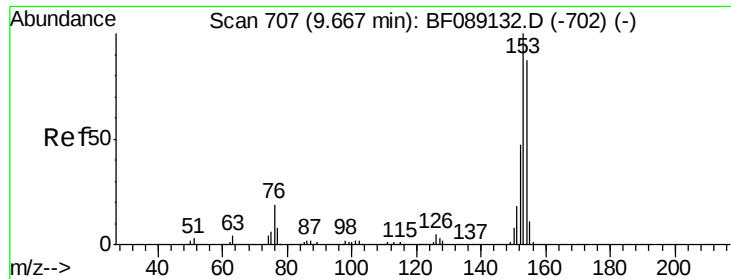
#50
2,6-Dinitrotoluene
Concen: 44.14 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

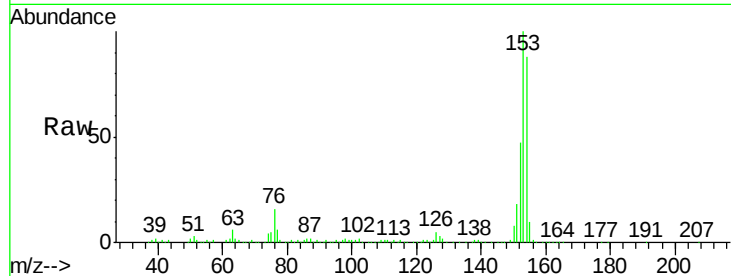
Tot Ion:154 Resp: 300590

Ion Ratio Lower Upper

154 100

153 113.8 91.9 137.9

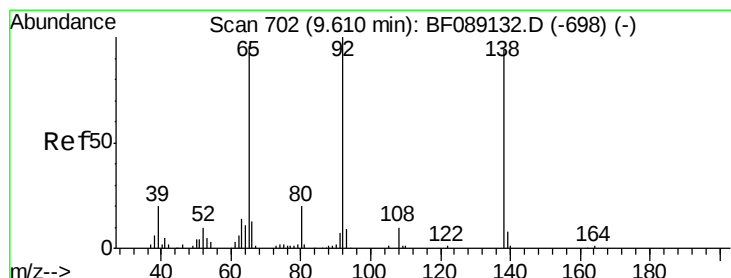
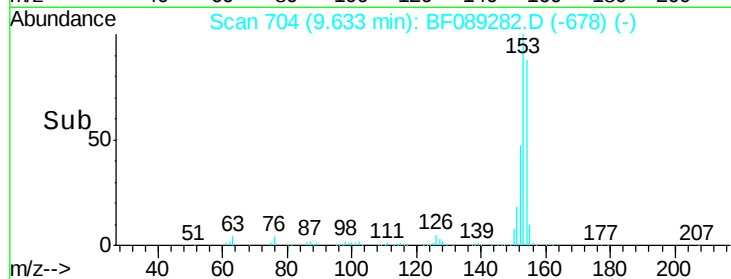
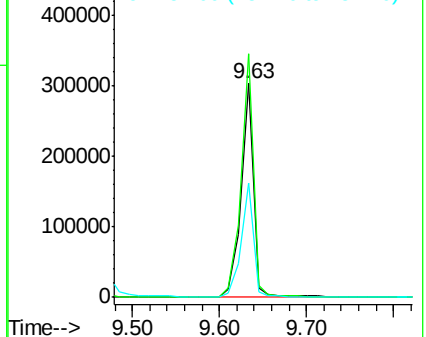
152 53.7 42.8 64.2



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

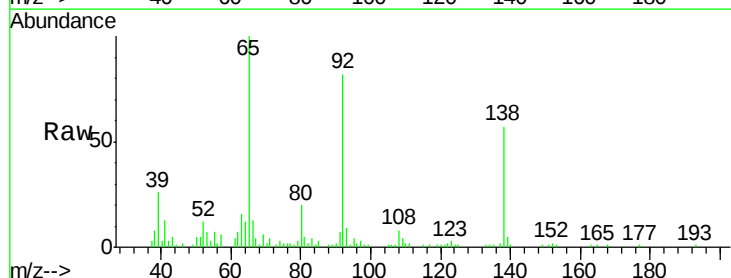
Tgt Ion:138 Resp: 67072

Ion Ratio Lower Upper

138 100

108 13.4 8.8 13.2#

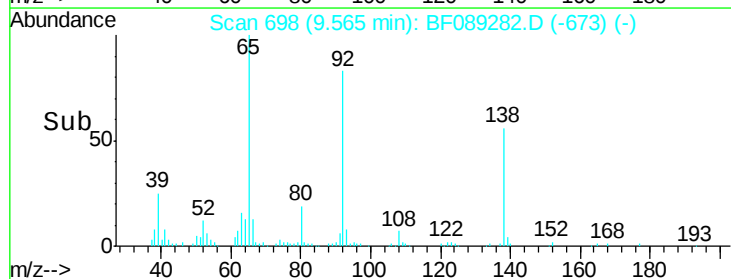
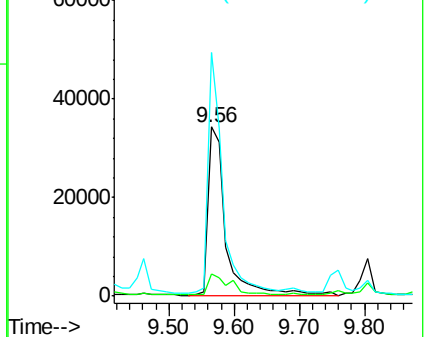
92 144.2 85.3 127.9#

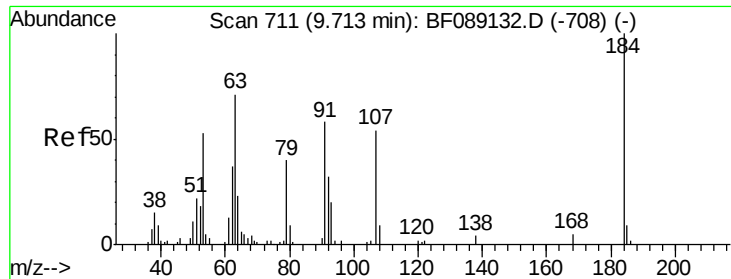


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

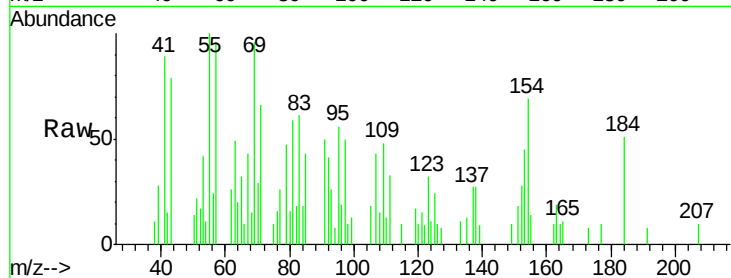




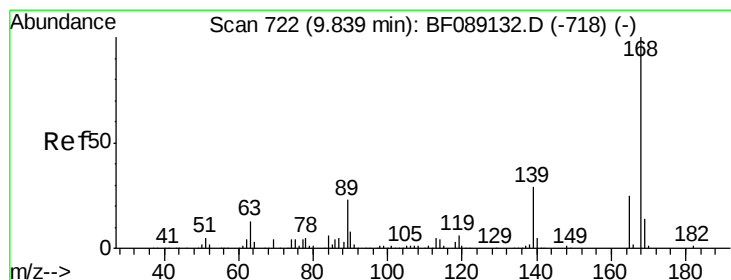
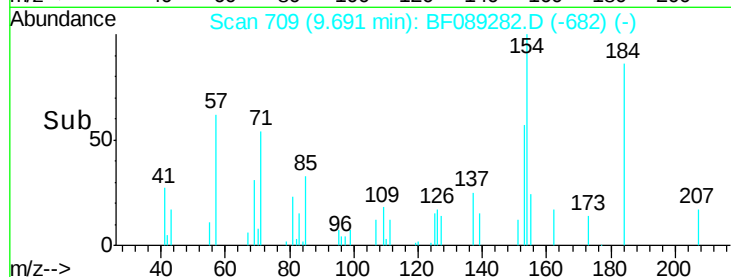
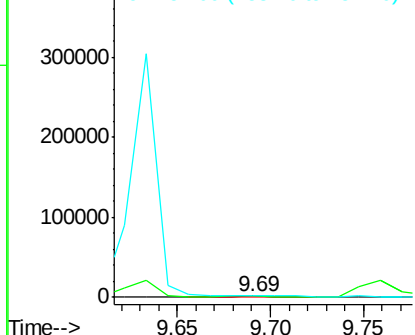
#53
2,4-Dinitrophenol
Concen: 12.45 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

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

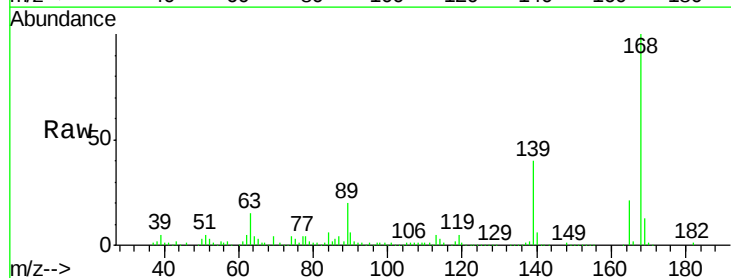


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

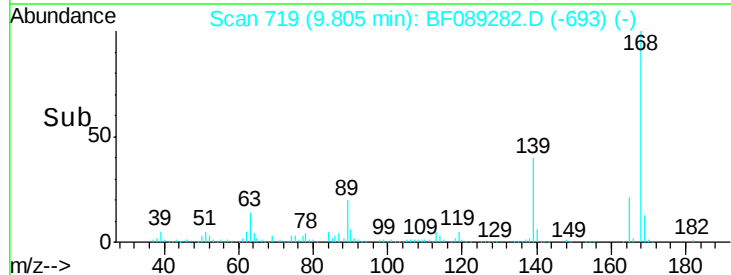
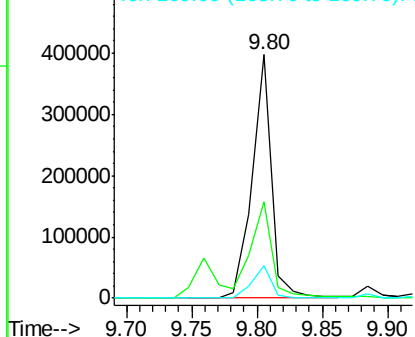


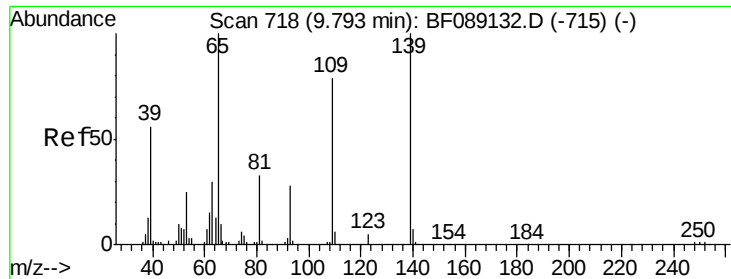
#54
Dibenzofuran
Concen: 45.57 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

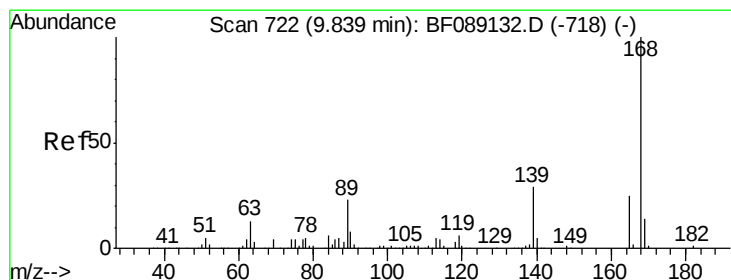
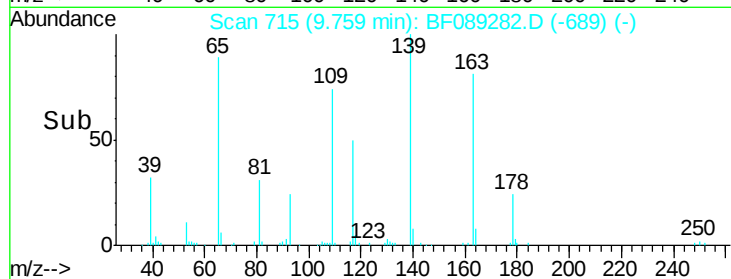
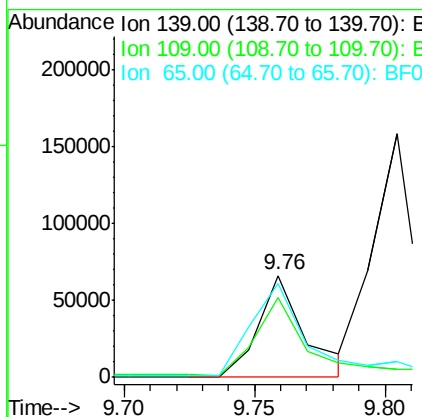
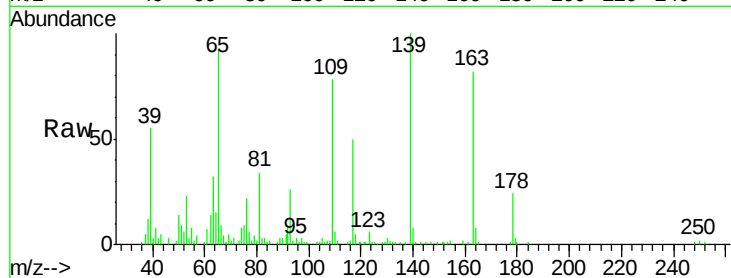




#55
4-Nitrophenol
Concen: 63.00 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

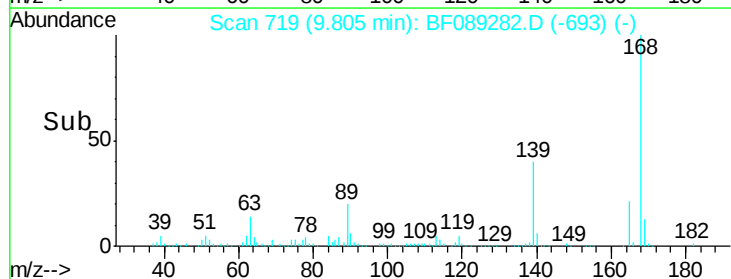
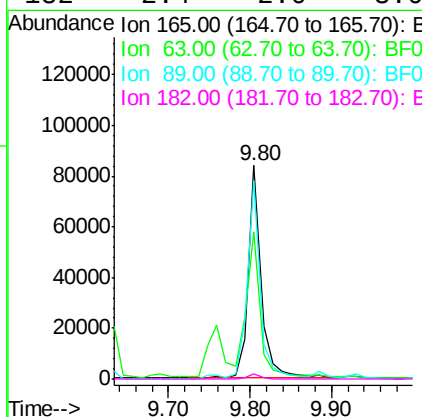
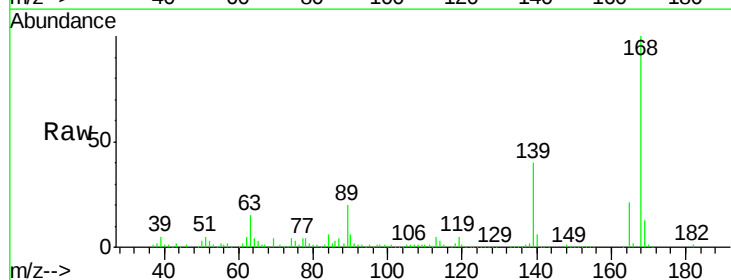
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

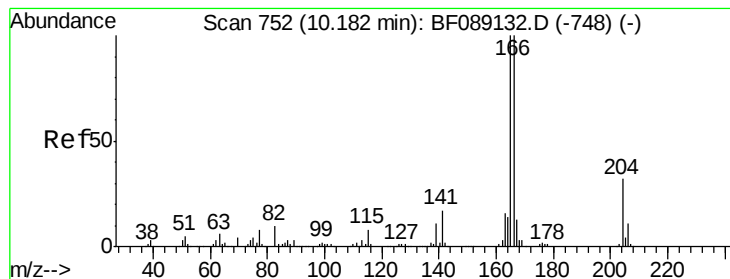
Tot Ion:139 Resp: 82734
Ion Ratio Lower Upper
139 100
109 77.8 58.7 98.7
65 92.5 80.2 120.2



#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





#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

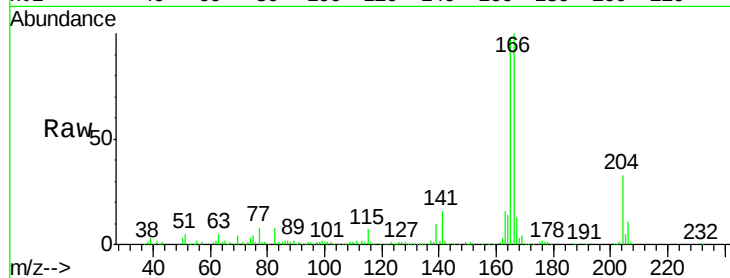
Tot Ion:166 Resp: 312968

Ion Ratio Lower Upper

166 100

165 98.4 79.9 119.9

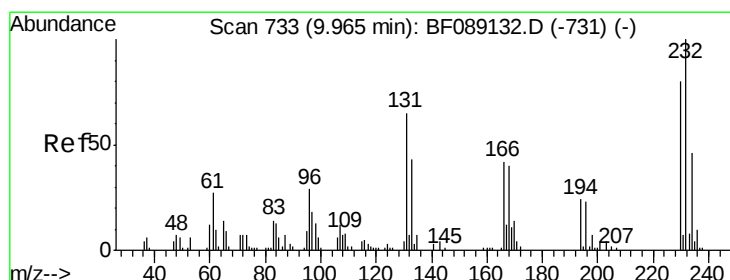
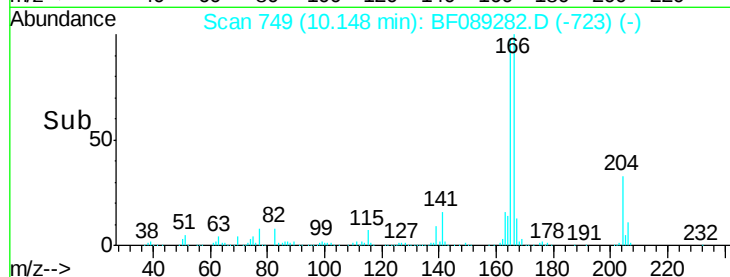
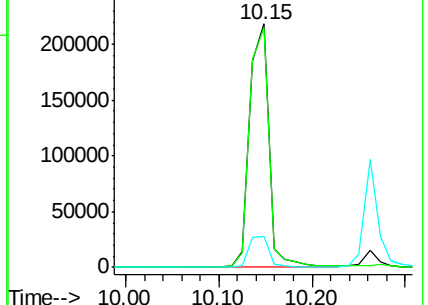
167 13.0 10.7 16.1



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

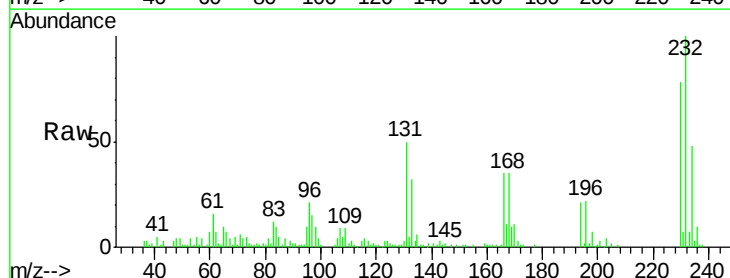
Ion Ratio Lower Upper

232 100

131 50.3 46.2 69.2

130 2.9 2.3 3.5

166 32.5 29.5 44.3

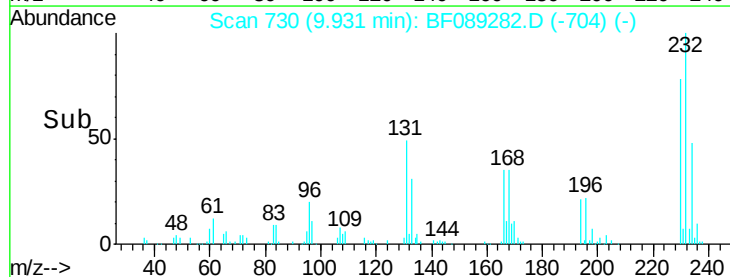
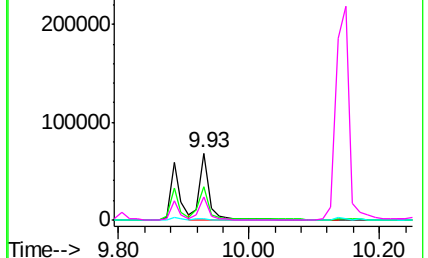


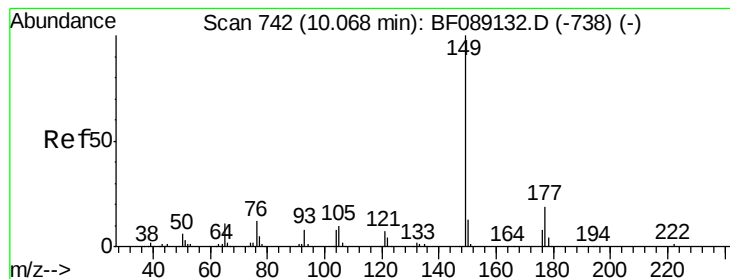
Abundance Ion 232.00 (231.70 to 232.70): E

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

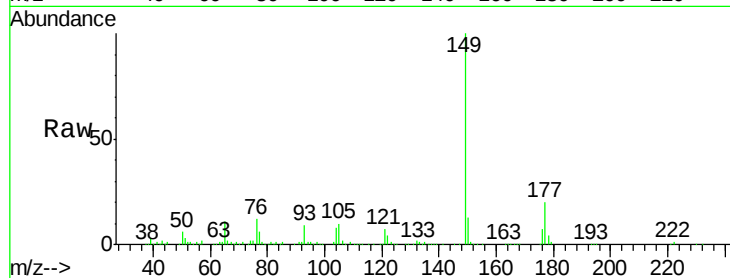
Tot Ion:149 Resp: 344346

Ion Ratio Lower Upper

149 100

177 19.5 15.6 23.4

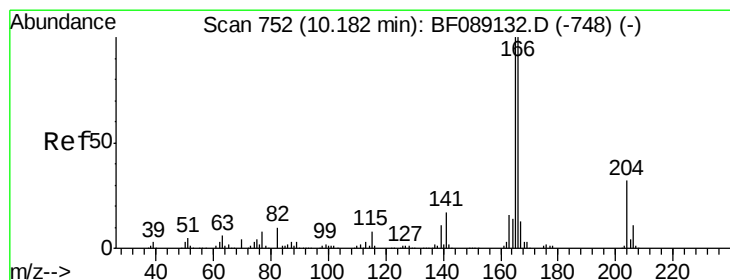
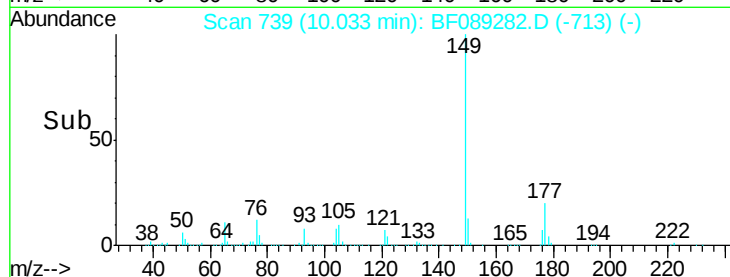
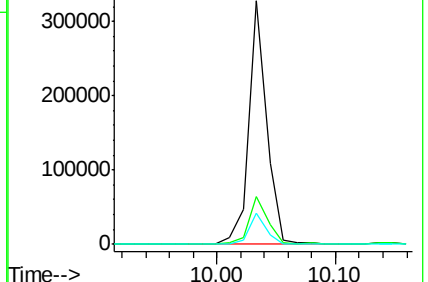
150 12.7 10.1 15.1



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

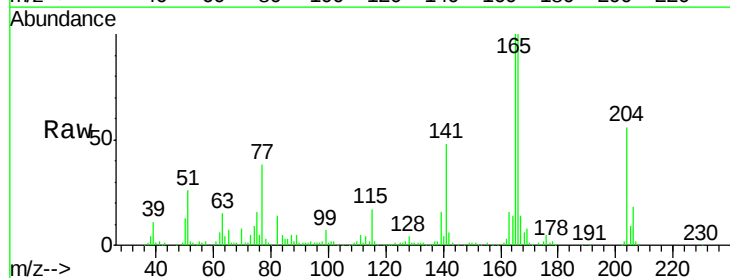
Tgt Ion:204 Resp: 136565

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.4

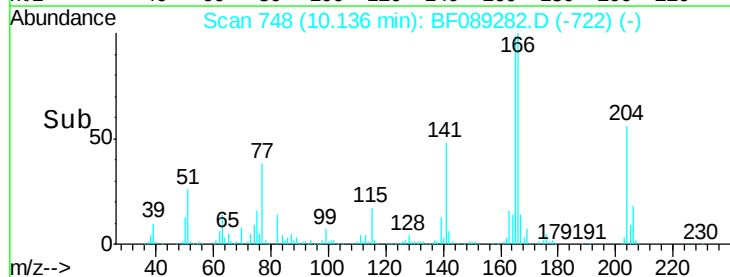
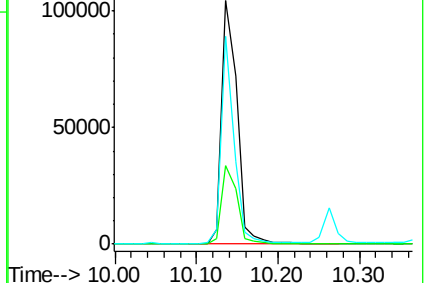
141 85.4 42.2 63.4#

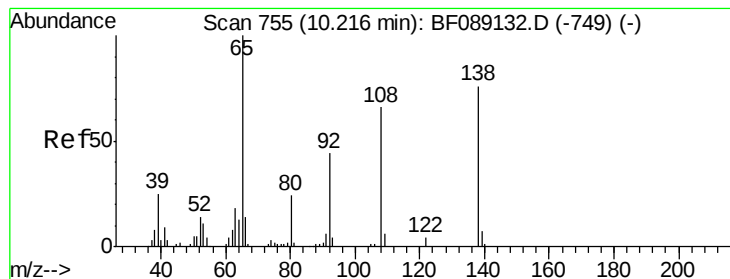


Abundance Ion 204.00 (203.70 to 204.70): E

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

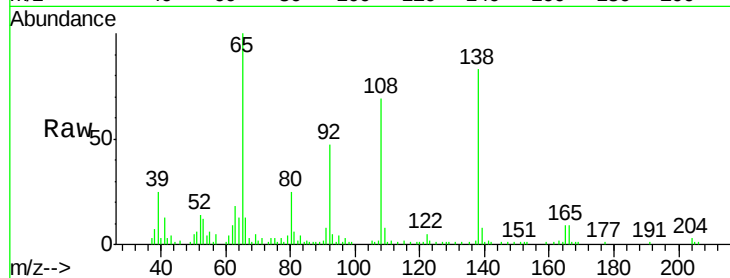
Tot Ion:138 Resp: 79610

Ion Ratio Lower Upper

138 100

92 56.0 37.2 77.2

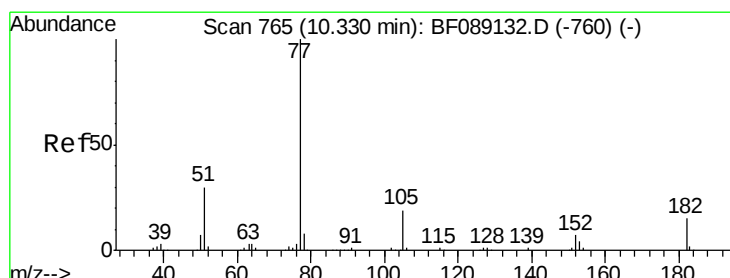
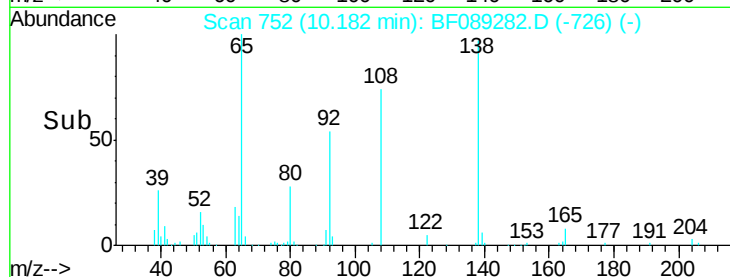
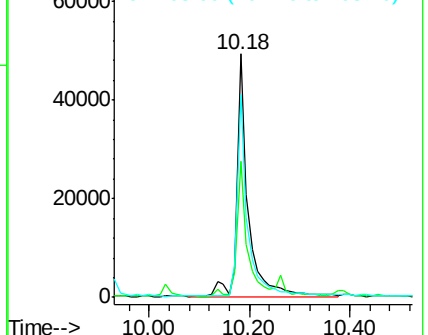
108 83.3 66.1 106.1



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

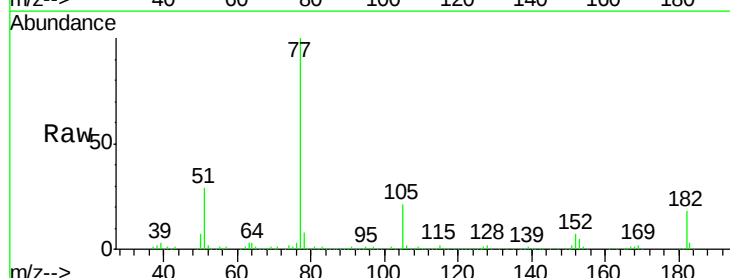
Ion Ratio Lower Upper

77 100

182 18.1 0.0 35.0

105 21.2 0.0 39.4

51 29.3 10.7 50.7

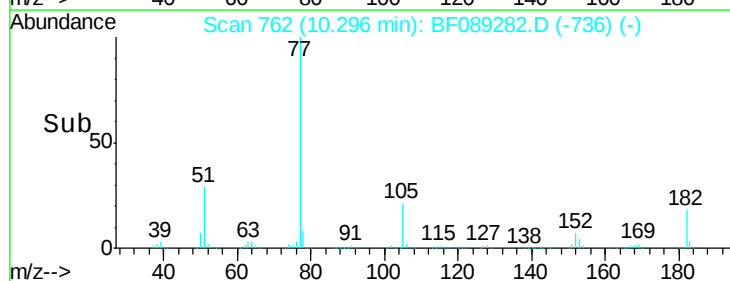
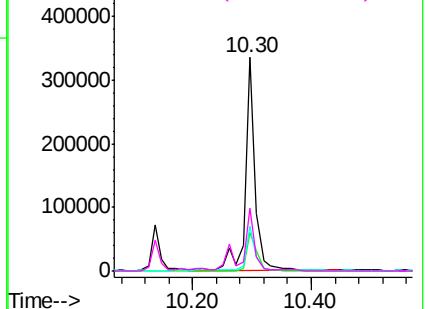


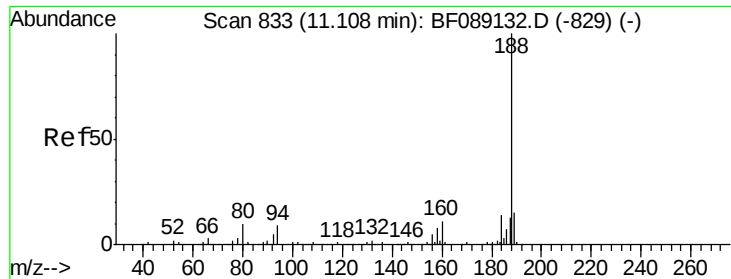
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

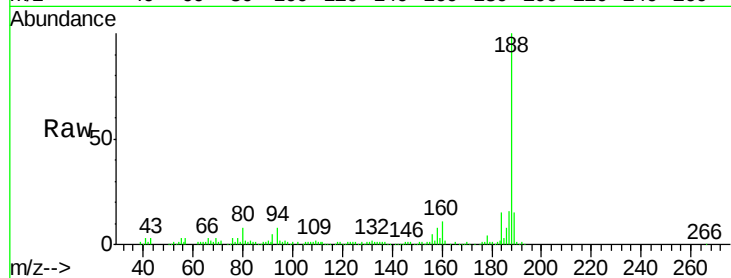




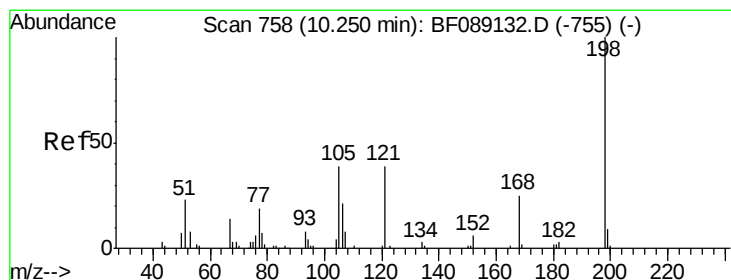
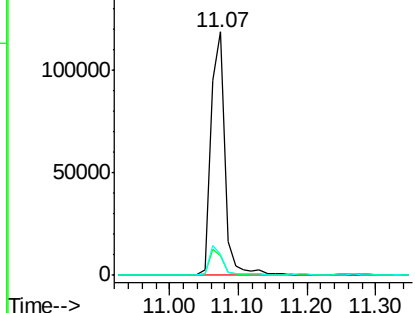
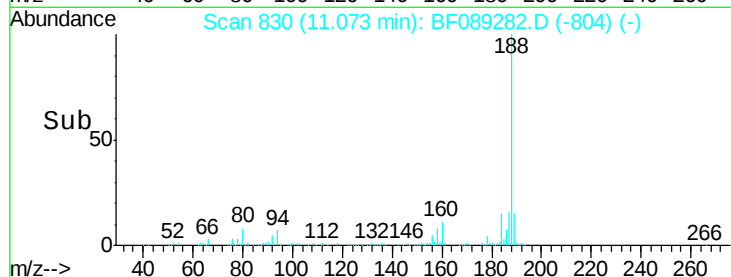
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

Tot Ion:188 Resp: 170439
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.4
80 8.4 7.7 11.5

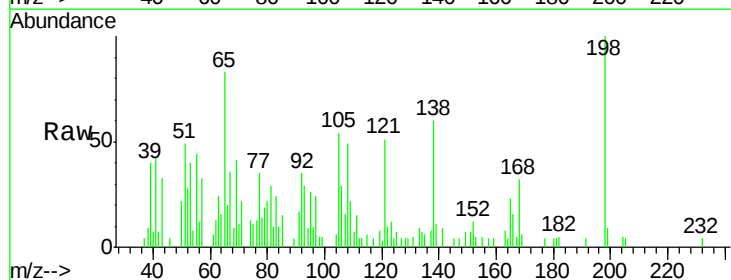


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

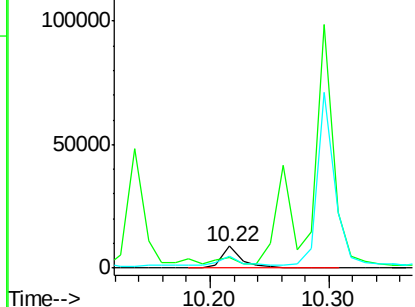
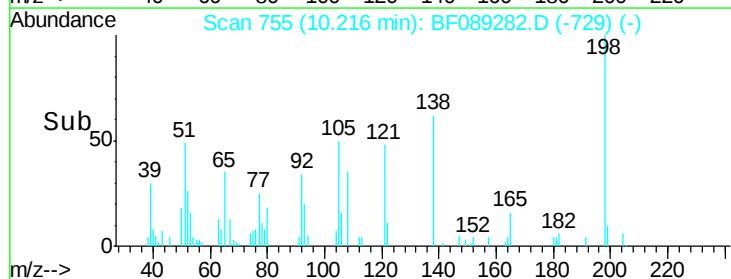


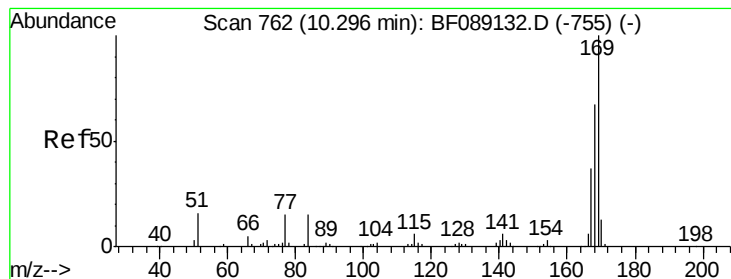
#64
4,6-Dinitro-2-methylphenol
Concen: 11.15 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

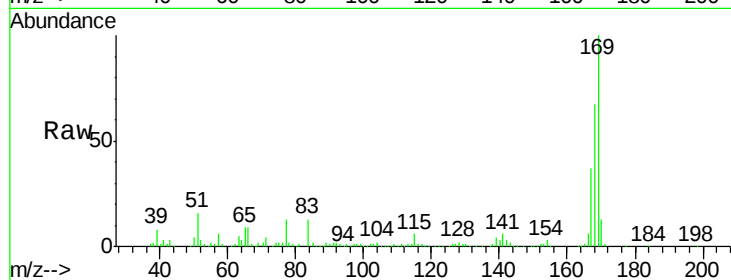
Tot Ion:169 Resp: 274377

Ion Ratio Lower Upper

169 100

168 67.1 53.4 80.0

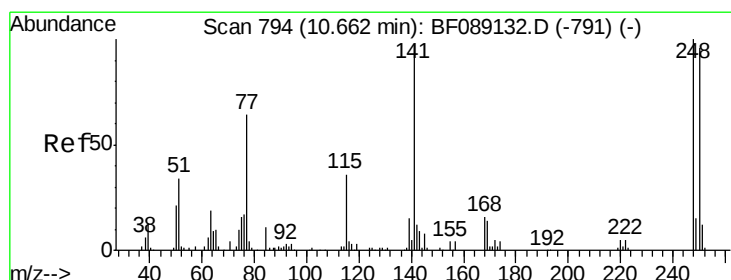
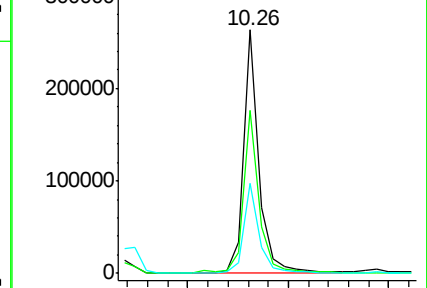
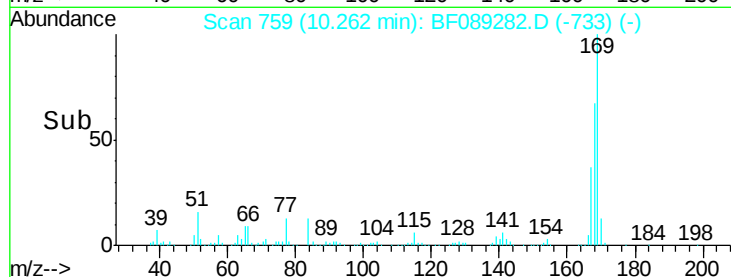
167 36.9 29.5 44.3



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

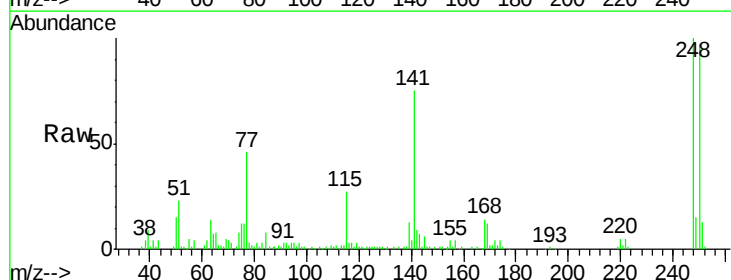
Tgt Ion:248 Resp: 82279

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

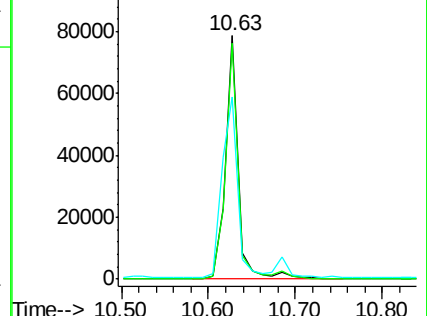
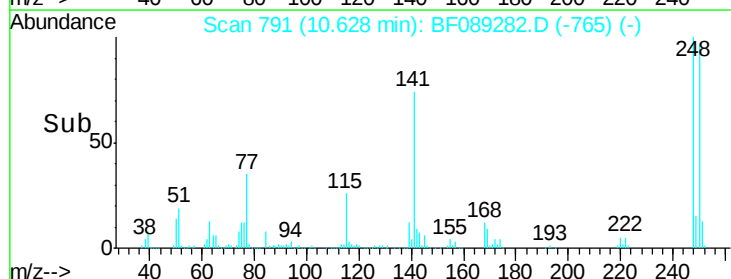
141 74.7 77.4 116.2#

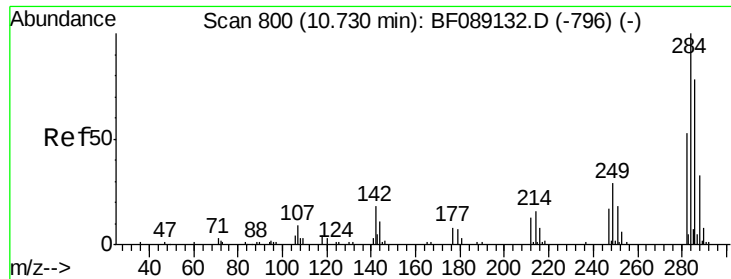


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

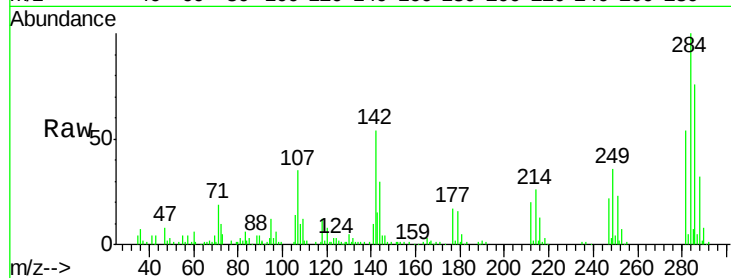




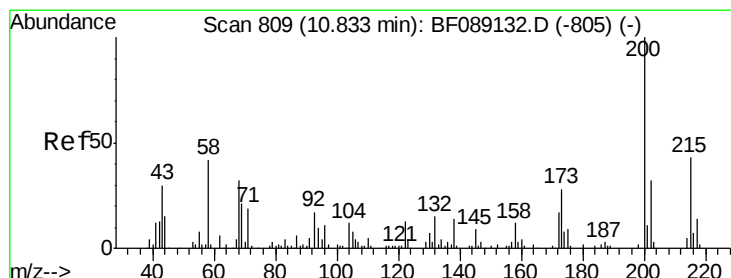
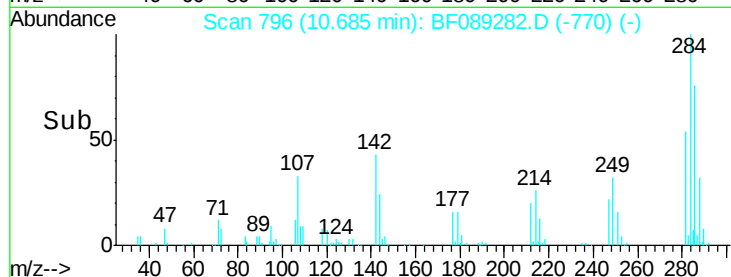
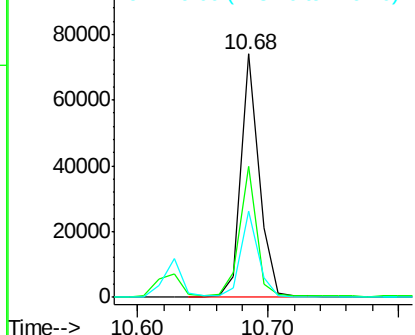
#67
Hexachlorobenzene
Concen: 39.40 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

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

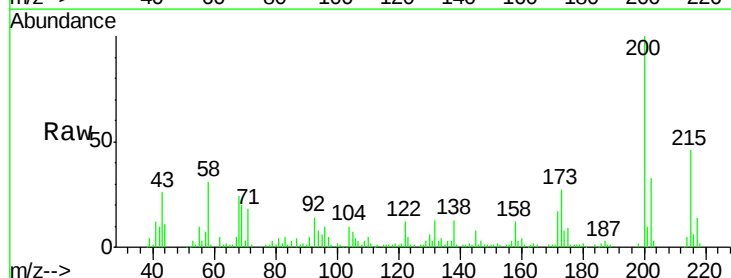


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

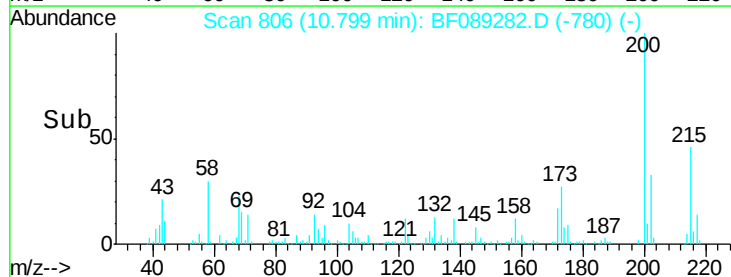
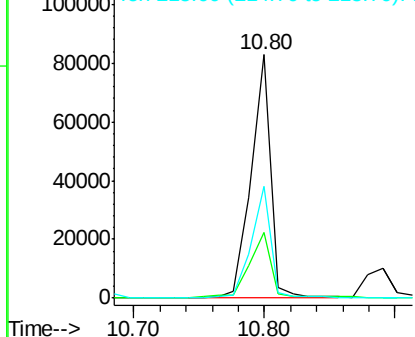


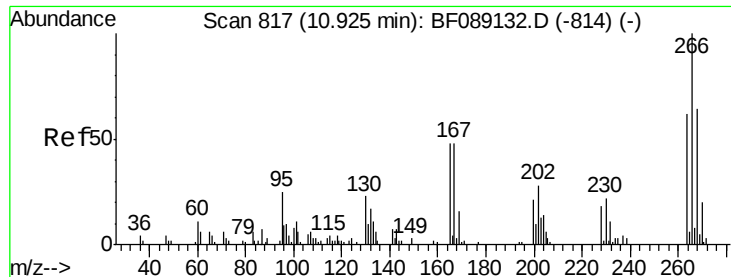
#68
Atrazine
Concen: 48.93 ng
RT: 10.80 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

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

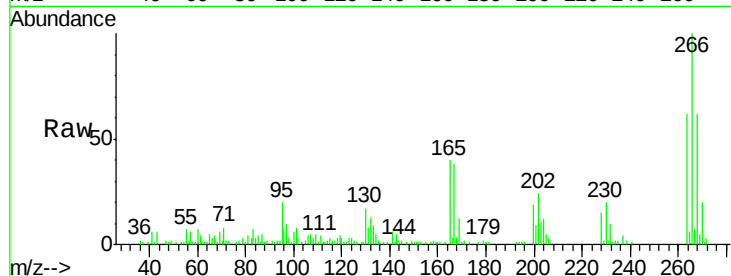




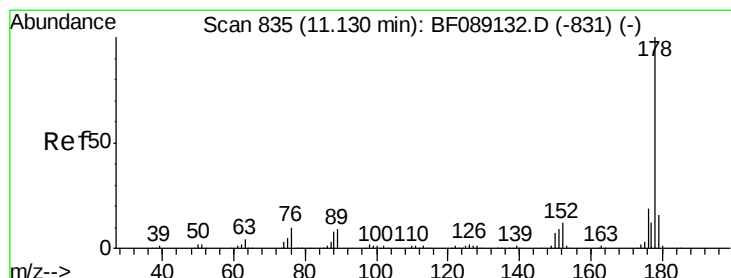
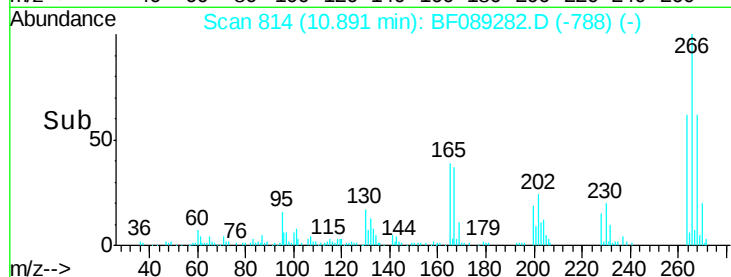
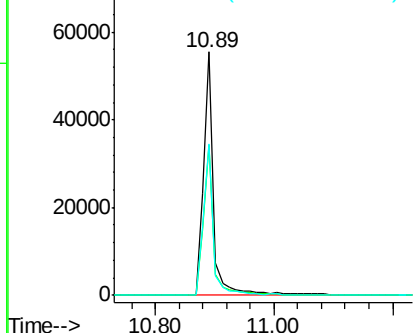
#69
 Pentachlorophenol
 Concen: 81.37 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

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

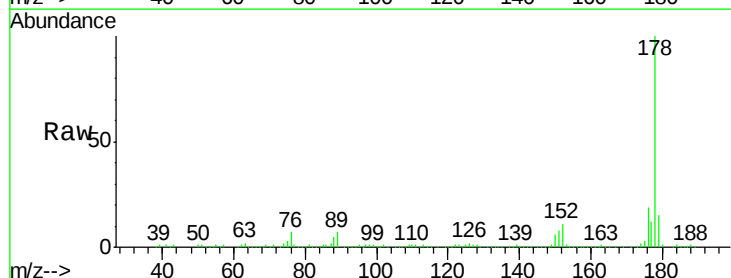


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

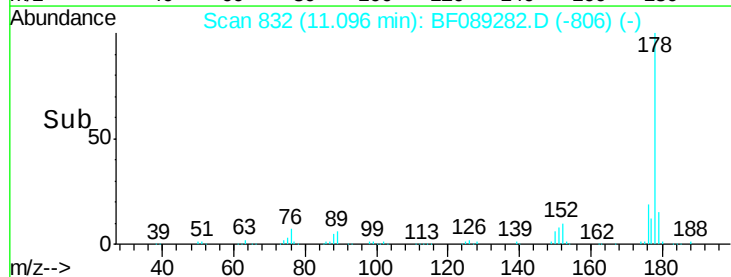
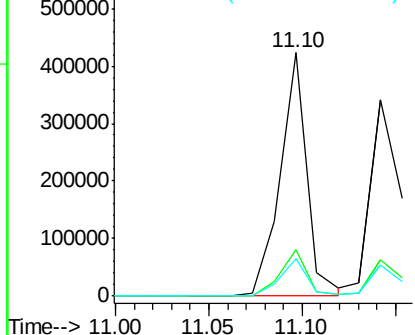


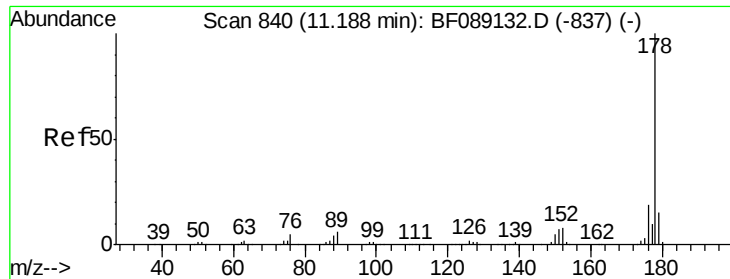
#70
 Phenanthrene
 Concen: 44.97 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

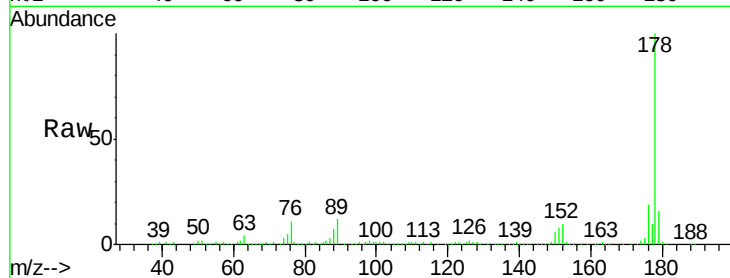




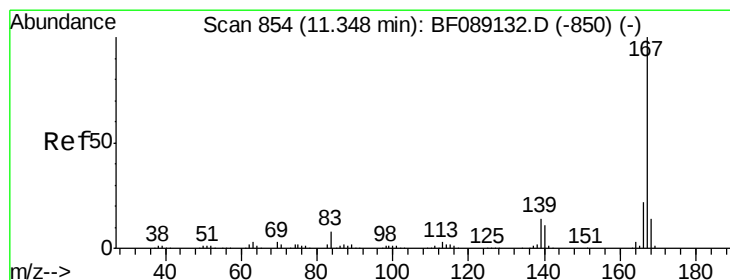
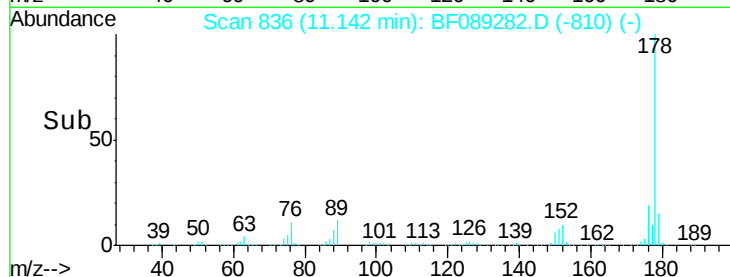
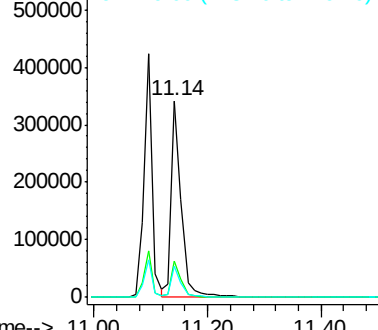
#71
 Anthracene
 Concen: 42.57 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

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

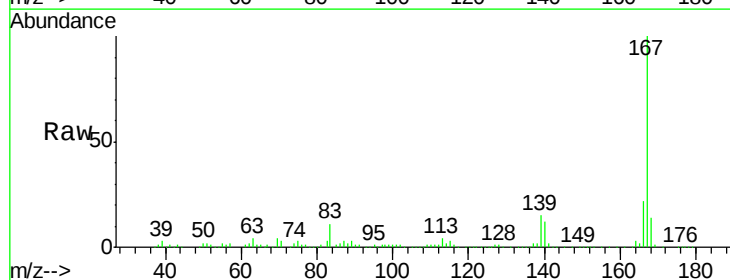


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

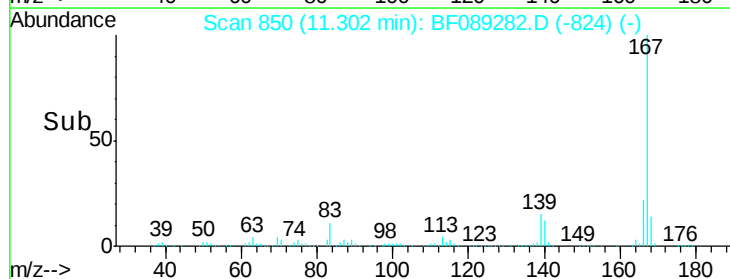
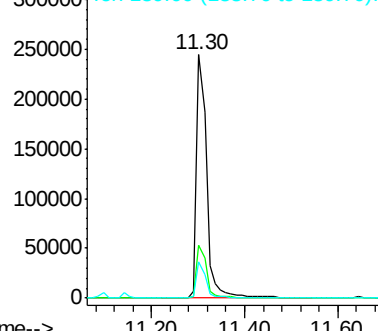


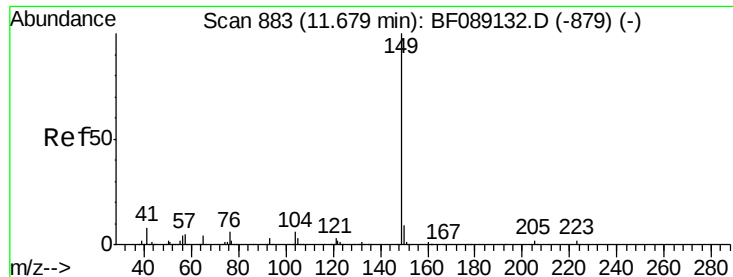
#72
 Carbazole
 Concen: 42.43 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

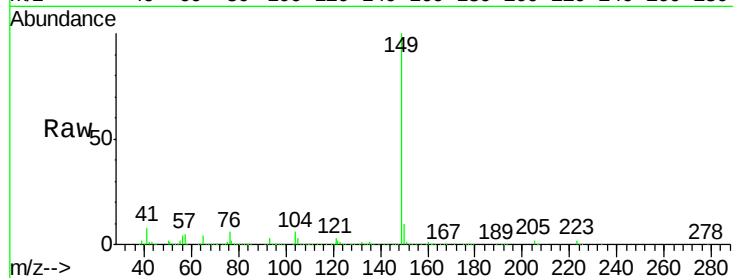
Tot Ion:149 Resp: 485175

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

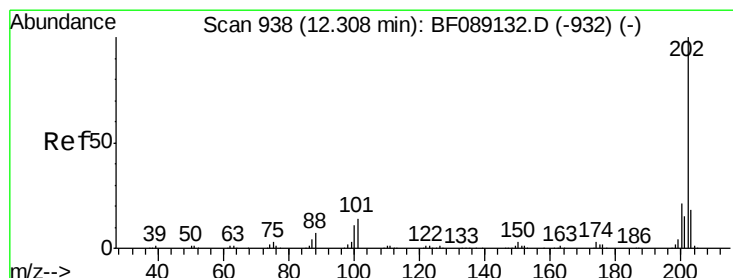
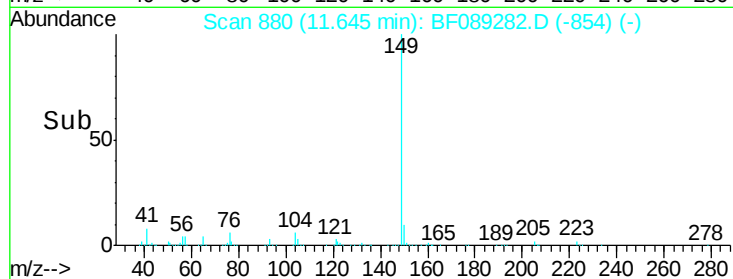
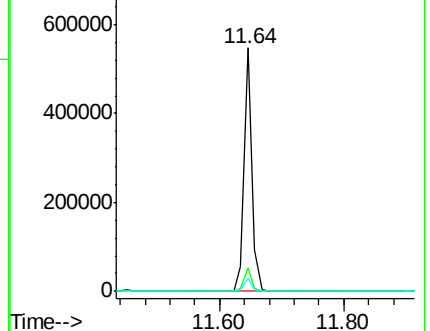
104 5.6 4.6 6.8



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

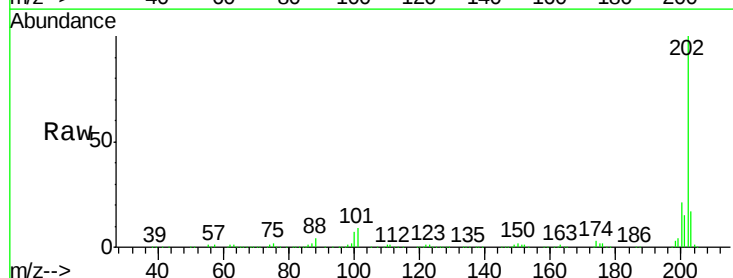
Tgt Ion:202 Resp: 412432

Ion Ratio Lower Upper

202 100

101 8.7 0.0 34.0

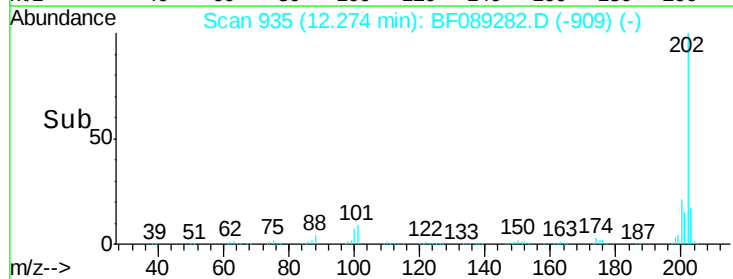
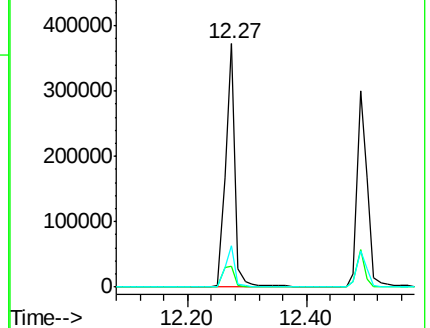
203 17.2 0.0 37.8

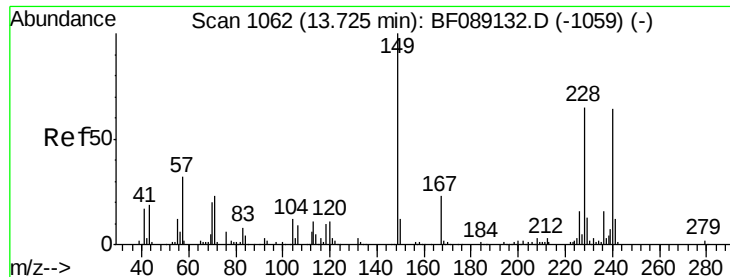


Abundance Ion 202.00 (201.70 to 202.70): E

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

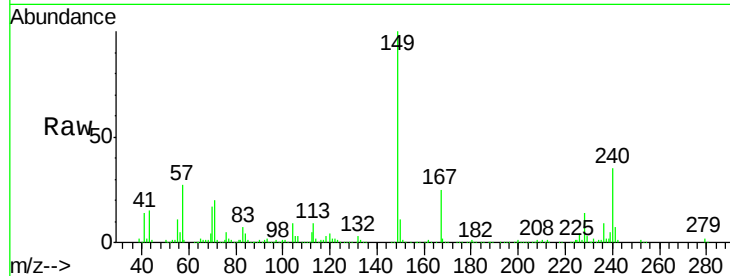
Tot Ion:240 Resp: 109409

Ion Ratio Lower Upper

240 100

120 10.1 13.6 20.4#

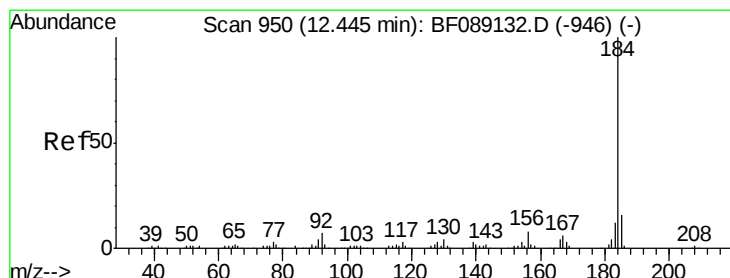
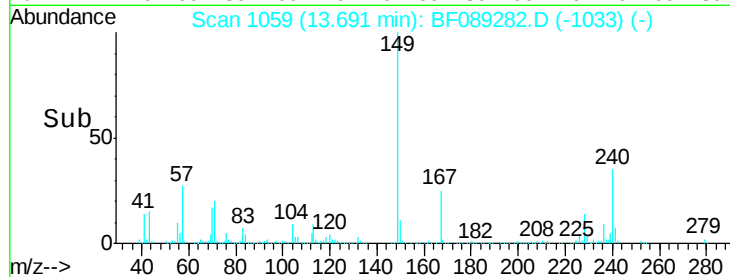
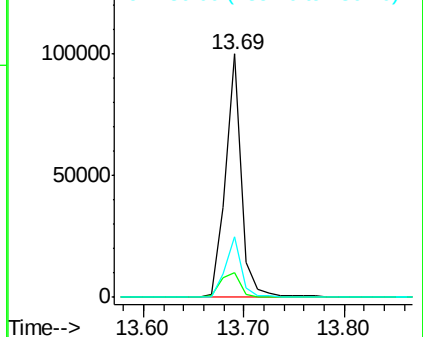
236 25.1 20.5 30.7



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

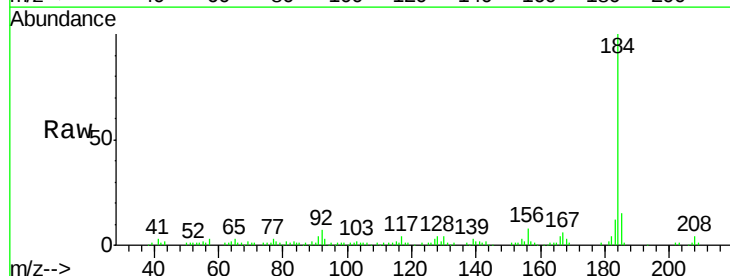
Tgt Ion:184 Resp: 155712

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

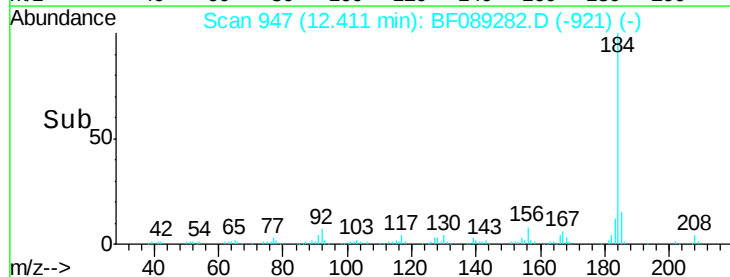
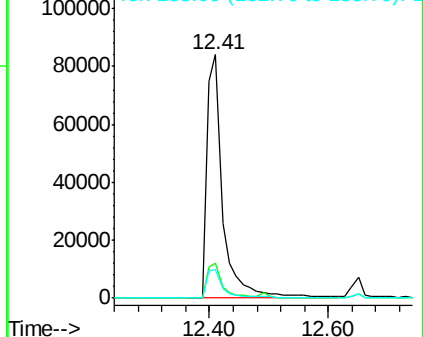
183 11.8 9.6 14.4

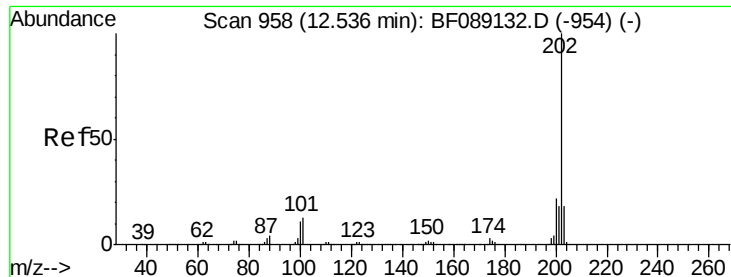


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

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

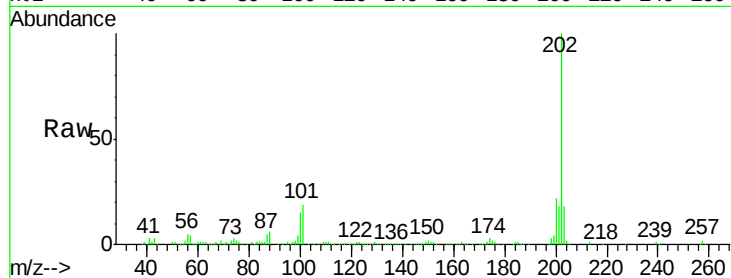
Tot Ion:202 Resp: 353094

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.0

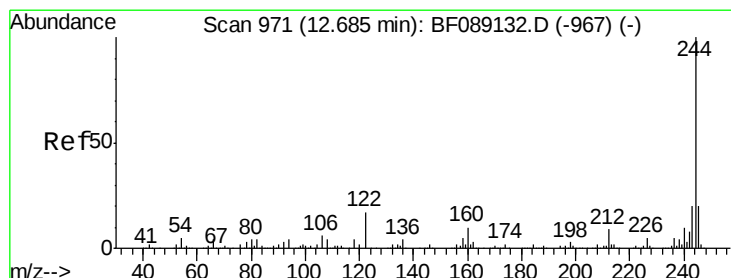
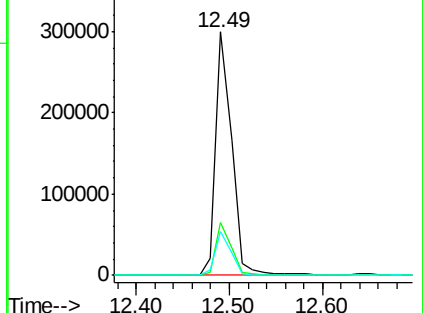
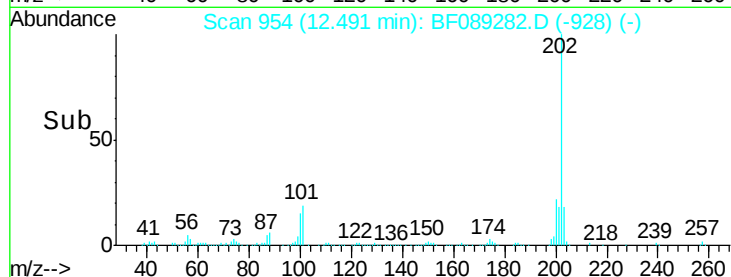
203 18.2 14.2 21.2



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

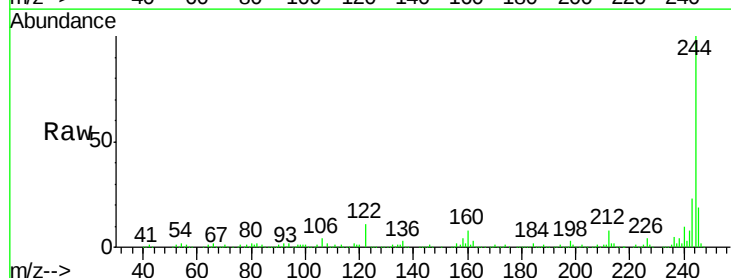
Tgt Ion:244 Resp: 454115

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.4

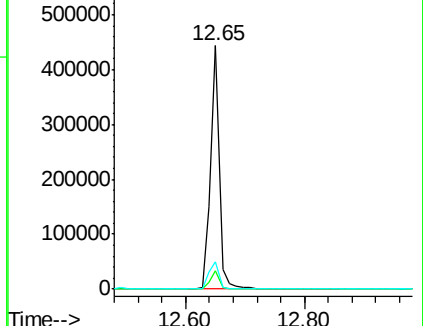
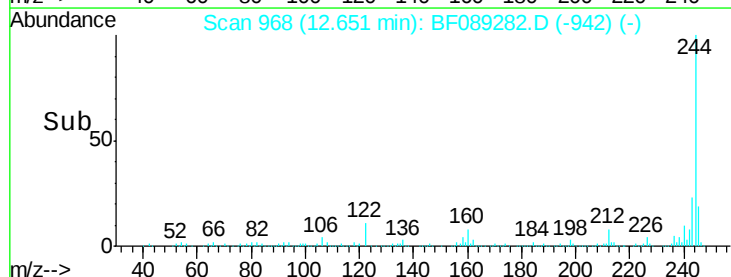
122 11.4 13.8 20.8#

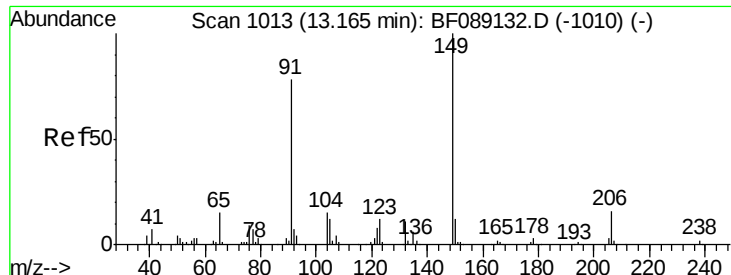


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

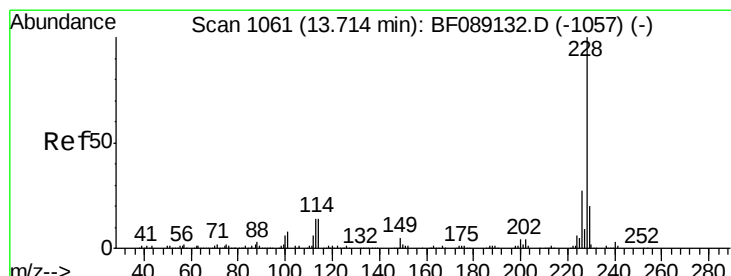
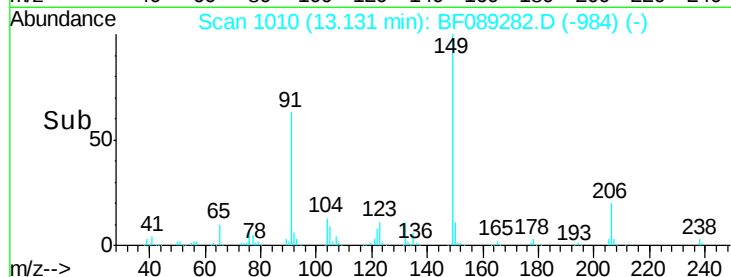
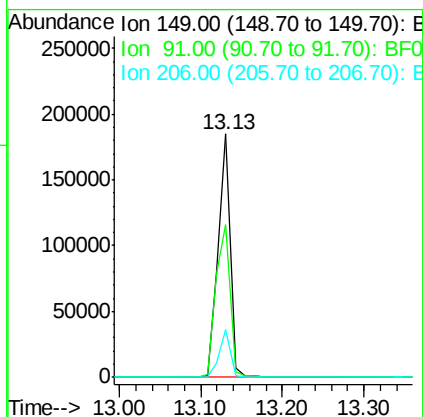
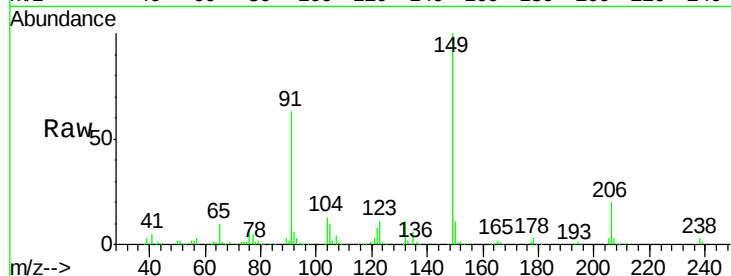




#79
Butylbenzylphthalate
Concen: 50.43 ng
RT: 13.13 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

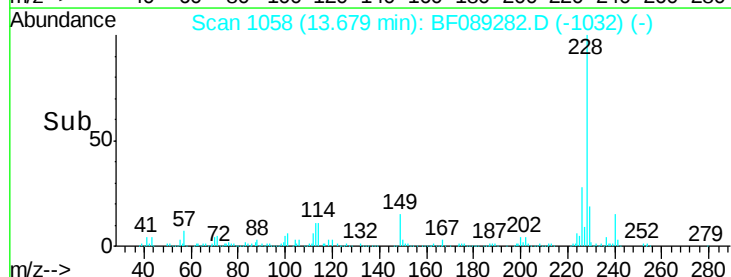
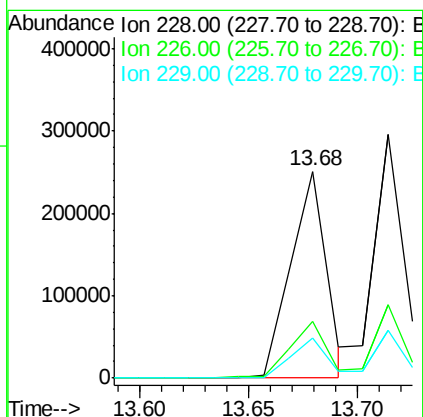
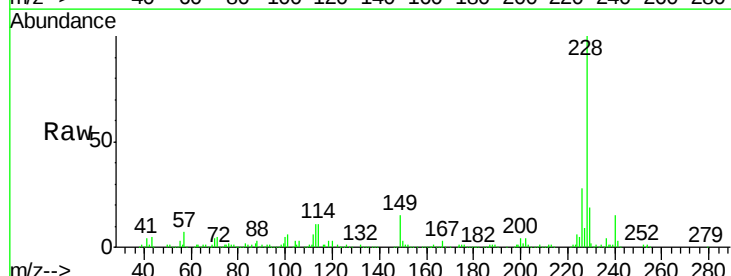
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

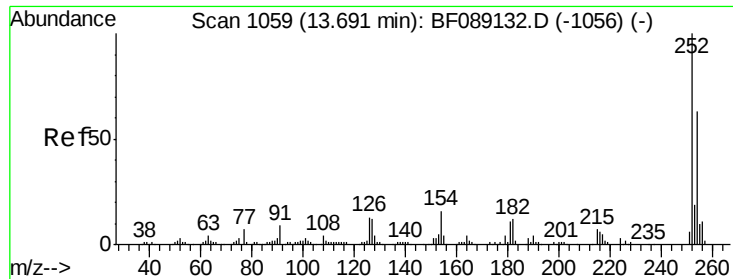
Tot Ion:149 Resp: 192752
Ion Ratio Lower Upper
149 100
91 62.9 62.6 93.8
206 19.7 13.2 19.8



#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

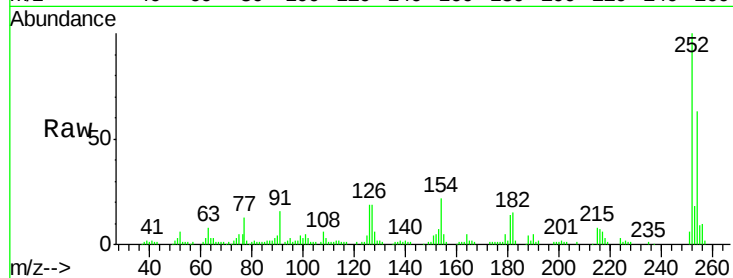




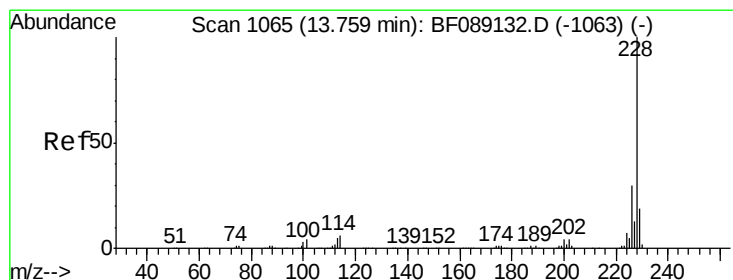
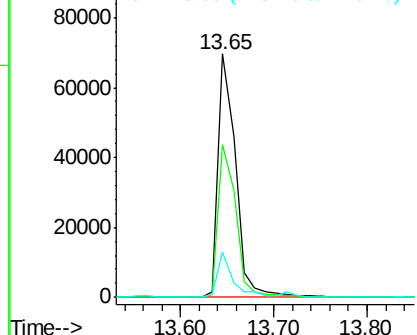
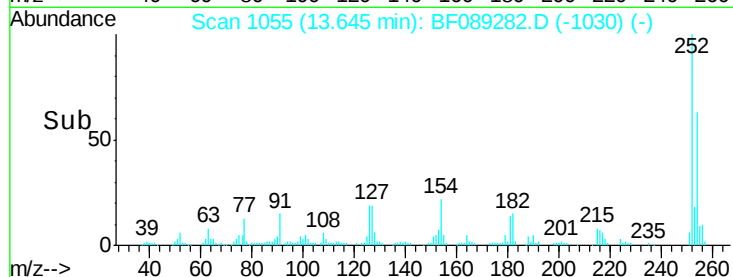
#81
 3,3'-Dichlorobenzidine
 Concen: 38.96 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

Tot Ion:252 Resp: 90055
 Ion Ratio Lower Upper
 252 100
 254 62.8 50.4 75.6
 126 18.6 10.2 15.2#

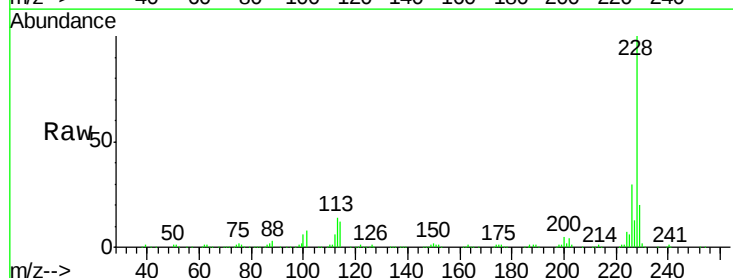


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

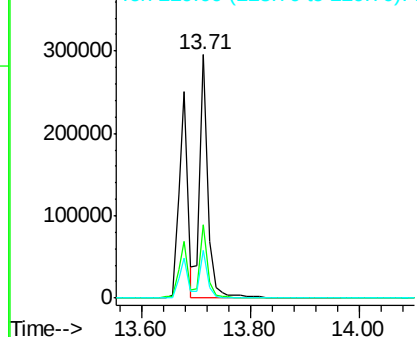
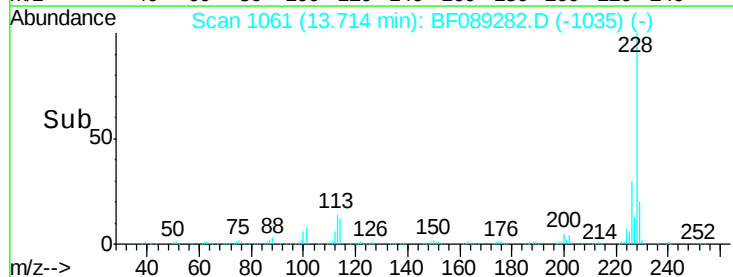


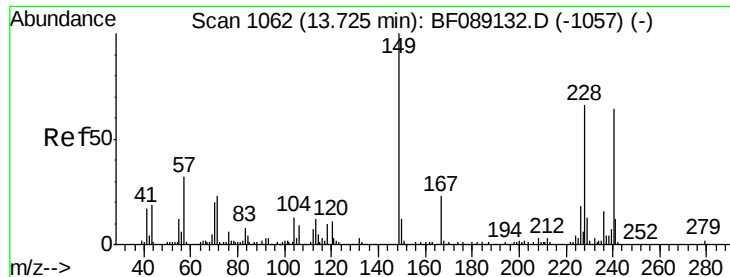
#82
 Chrysene
 Concen: 45.34 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

Tgt Ion:228 Resp: 301763
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.8 35.8
 229 19.7 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

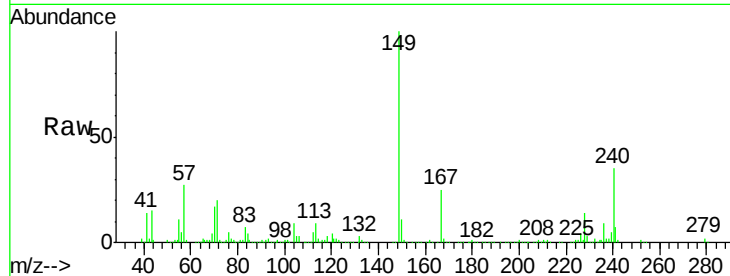




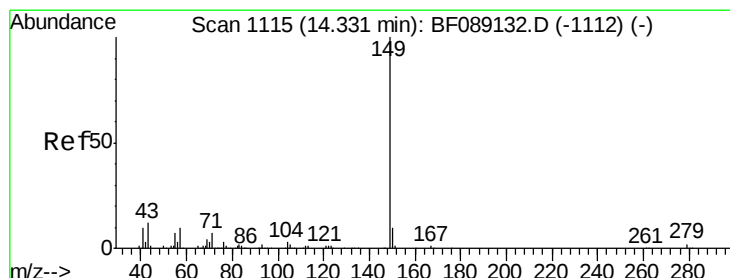
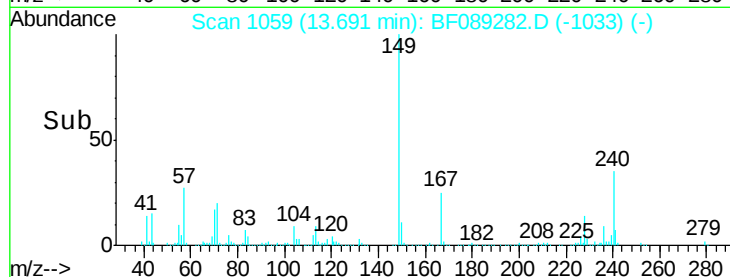
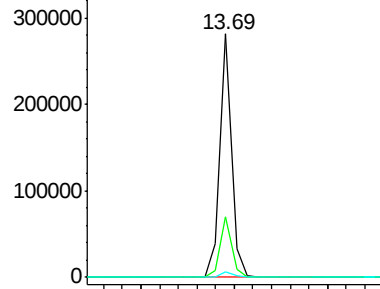
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.62 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

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

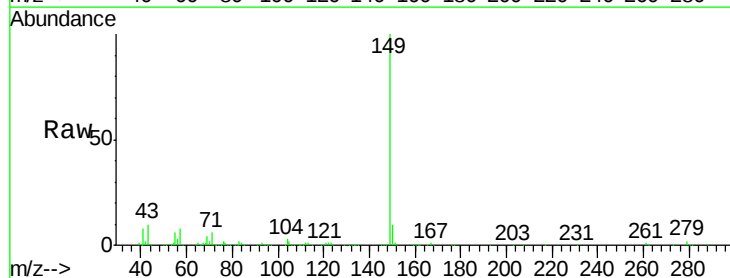


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

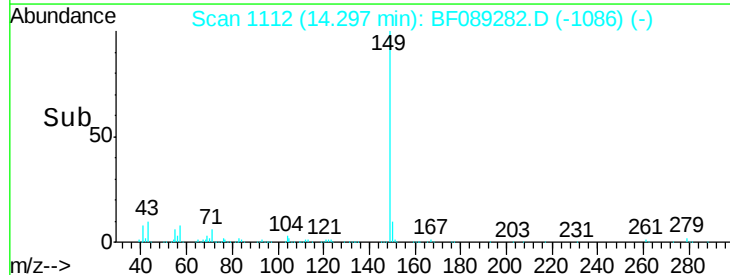
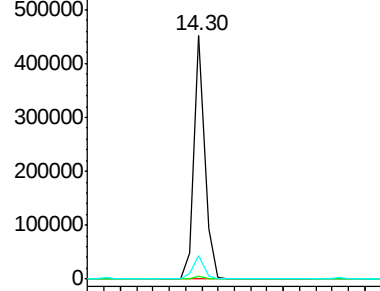


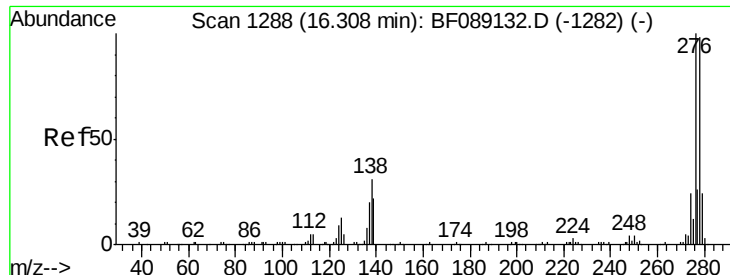
#84
 Di-n-octyl phthalate
 Concen: 49.46 ng
 RT: 14.30 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

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

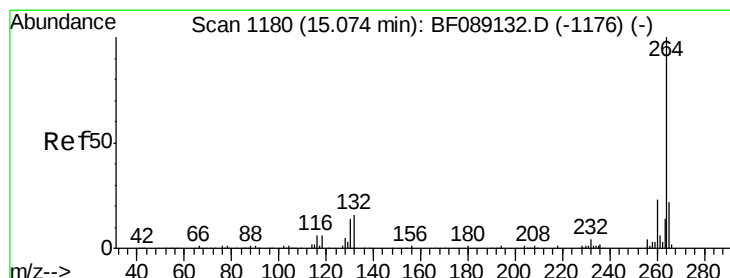
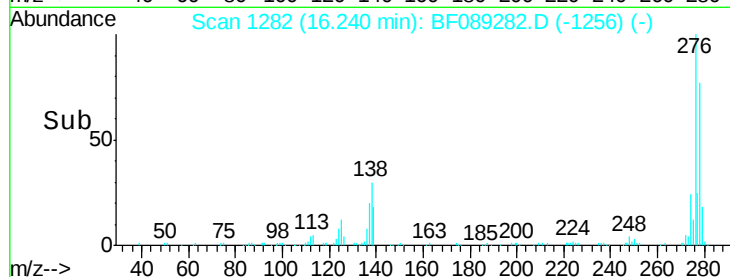
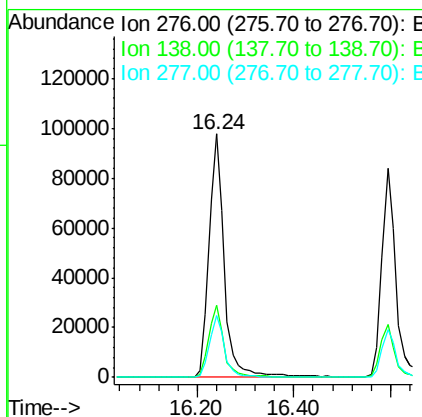
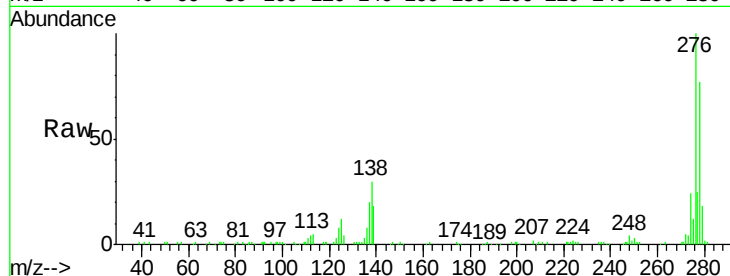




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.41 ng
 RT: 16.24 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF089282.D
 Acq: 25 Jul 2016 16:41

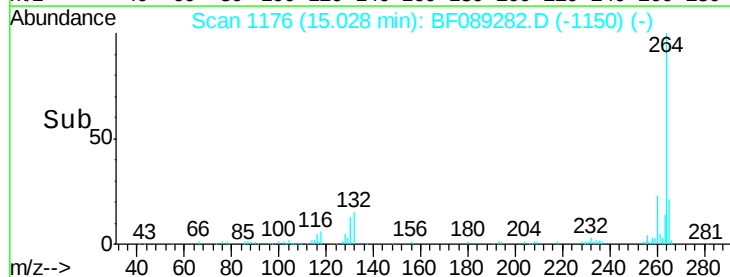
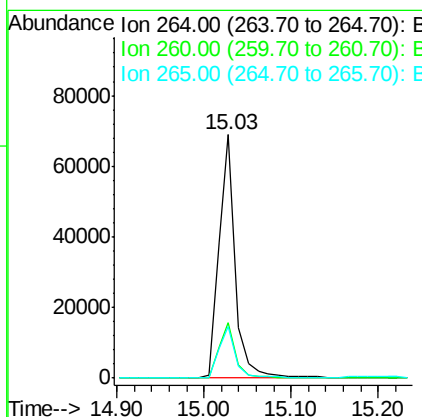
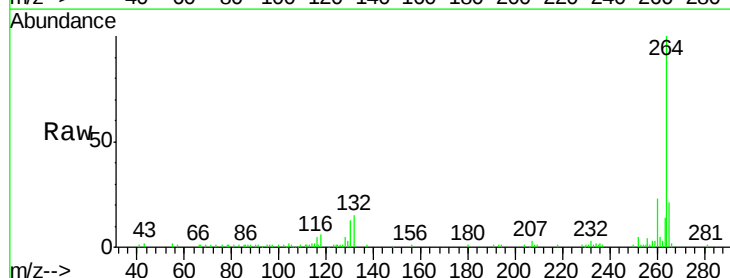
Instrument :
 BNA_F
 ClientSampleId :
 KMW-02-4.5-6.0MS

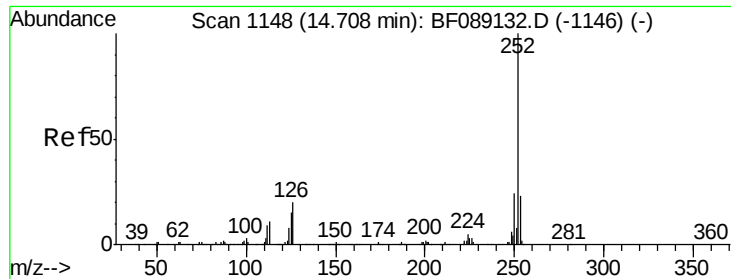
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.7	35.5
277	25.4	20.6	31.0



#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

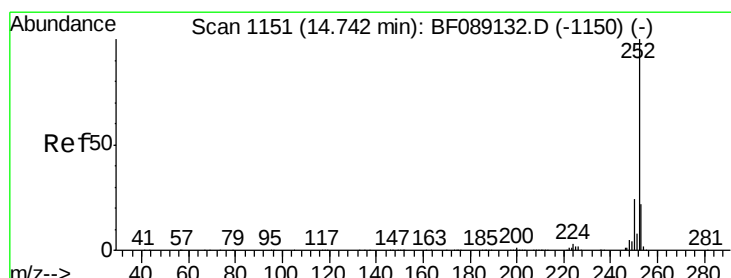
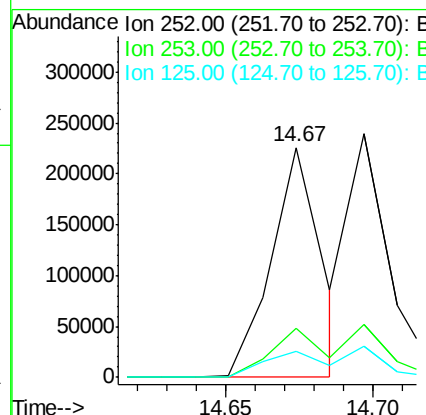
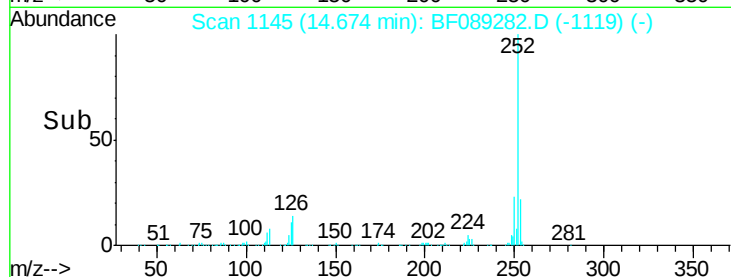
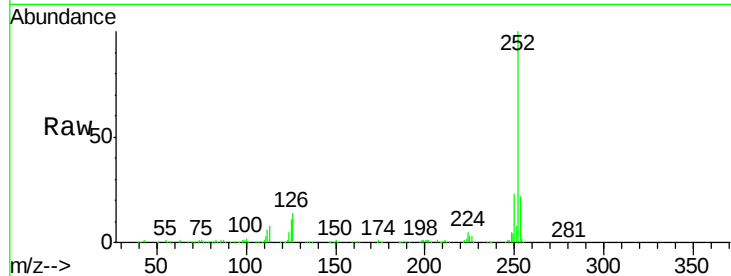




#87
Benzo(b)fluoranthene
Concen: 40.87 ng m
RT: 14.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

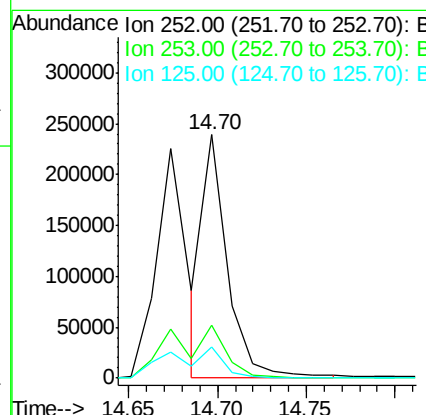
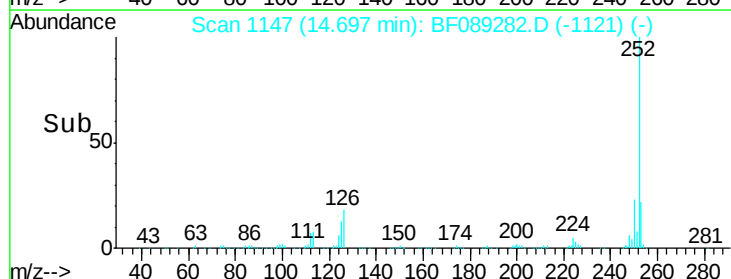
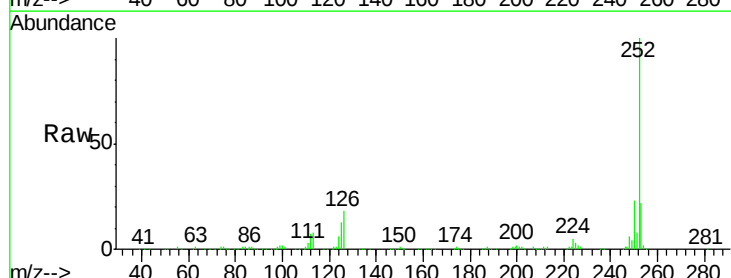
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

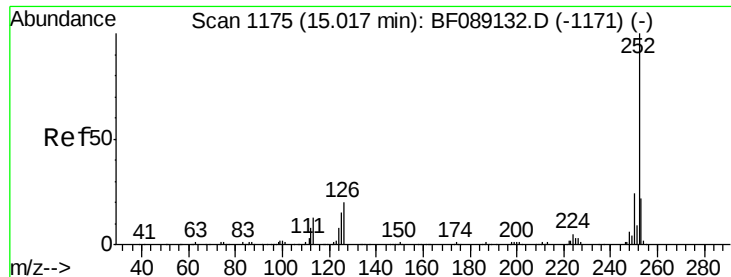
Tot Ion:252 Resp: 268859
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 11.1 11.9 17.9#



#88
Benzo(k)fluoranthene
Concen: 49.76 ng m
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: 234115
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 12.8 6.3 9.5#

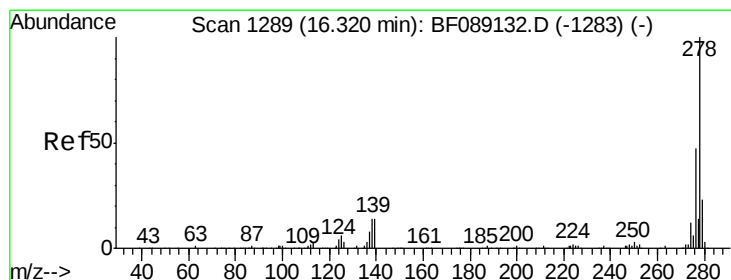
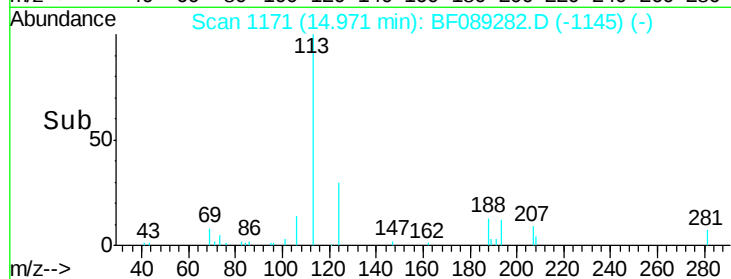
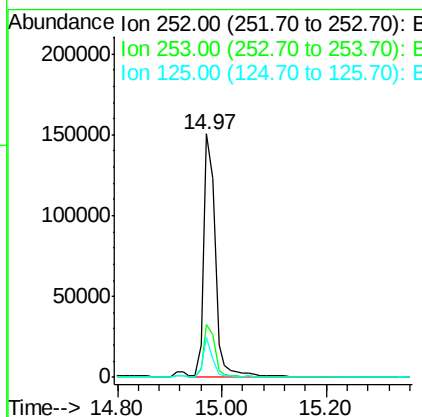
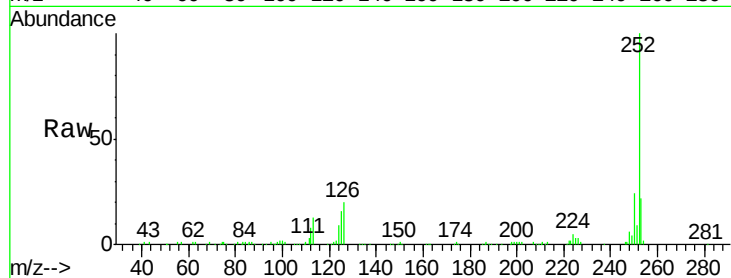




#89
Benzo(a)pyrene
Concen: 45.38 ng
RT: 14.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF089282.D
Acq: 25 Jul 2016 16:41

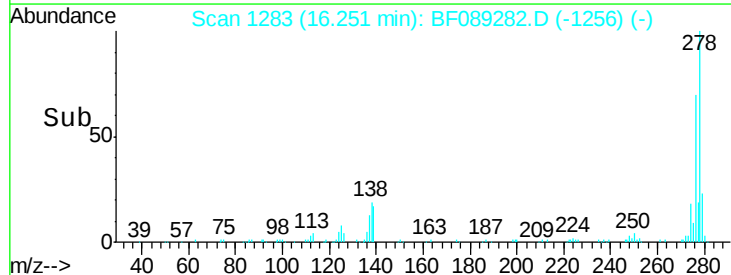
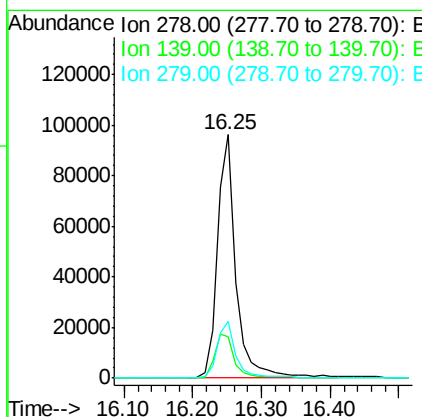
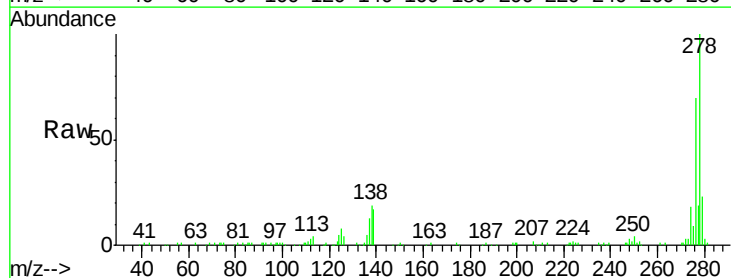
Instrument :
BNA_F
ClientSampleId :
KMW-02-4.5-6.0MS

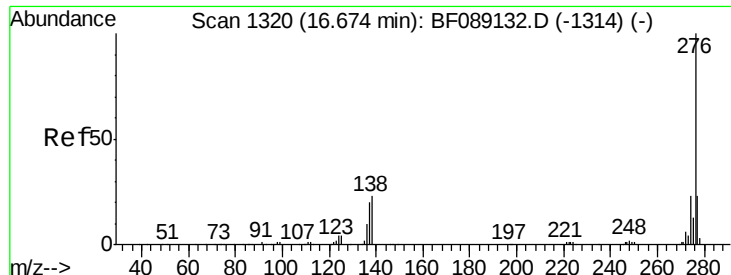
Tot Ion:252 Resp: 231788
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 16.5 12.4 18.6



#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





#91

Benzo(a,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

Tot Ion:276 Resp: 174938

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 25.3 18.5 27.7

