

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080079.D
 Acq On : 20 Jun 2015 4:03
 Operator : TP/IZ
 Sample : G2683-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Quant Time: Jun 20 04:44:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	38037	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	159578	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	86427	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	184104	20.00	ng	-0.01
75) Chrysene-d12	14.81	240	209126	20.00	ng	-0.05
86) Perylene-d12	16.67	264	195609	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	323190	150.41	ng	0.00
7) Phenol-d6	6.93	99	411274	143.83	ng	-0.01
23) Nitrobenzene-d5	7.89	82	269740	98.40	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	131098	155.12	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	496025	81.85	ng	-0.01
78) Terphenyl-d14	13.57	244	692616	77.35	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	32615	31.93	ng	89
3) Pyridine	4.04	79	103495	38.10	ng	# 81
4) n-Nitrosodimethylamine	3.94	42	48465	37.54	ng	95
6) Aniline	6.98	93	168195	42.75	ng	92
8) 2-Chlorophenol	7.11	128	118109	47.56	ng	85
9) Benzaldehyde	6.88	77	56406	34.17	ng	# 88
10) Phenol	6.95	94	144633	46.35	ng	86
11) bis(2-Chloroethyl)ether	7.05	93	108175	43.69	ng	87
12) 1,3-Dichlorobenzene	7.51	146	123502	41.40	ng	97
13) 1,4-Dichlorobenzene	7.51	146	123517	43.53	ng	97
14) 1,2-Dichlorobenzene	7.51	146	123517	44.74	ng	99
15) Benzyl Alcohol	7.45	79	105946	45.32	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.60	45	188353	51.26	ng	84
17) 2-Methylphenol	7.56	107	91522	43.14	ng	# 82
18) Hexachloroethane	7.85	117	45078	47.72	ng	# 87
19) n-Nitroso-di-n-propylamine	7.73	70	87953	44.30	ng	# 77
20) 3+4-Methylphenols	7.72	107	131859	48.16	ng	92
22) Acetophenone	7.73	105	169233	45.51	ng	# 82
24) Nitrobenzene	7.91	77	123188	43.54	ng	# 77
25) Isophorone	8.14	82	231580	41.98	ng	# 83
26) 2-Nitrophenol	8.23	139	59868	50.55	ng	# 74
27) 2,4-Dimethylphenol	8.25	122	105972	42.91	ng	87
28) bis(2-Chloroethoxy)methane	8.34	93	150347	46.39	ng	# 92
29) 2,4-Dichlorophenol	8.47	162	106115	50.18	ng	97
30) 1,2,4-Trichlorobenzene	8.56	180	118053	49.16	ng	99
31) Naphthalene	8.64	128	350886	42.06	ng	97
32) Benzoic acid	8.25	122	105972	70.98	ng	# 25
33) 4-Chloroaniline	8.68	127	165748	46.42	ng	# 85
34) Hexachlorobutadiene	8.77	225	64171	43.39	ng	99
35) Caprolactam	9.01	113	29916	43.58	ng	# 69
36) 4-Chloro-3-methylphenol	9.14	107	105739	44.33	ng	# 71
37) 2-Methylnaphthalene	9.34	142	268479	49.75	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	121253	48.21	ng	99
40) Hexachlorocyclopentadiene	9.50	237	113000	86.74	ng	97

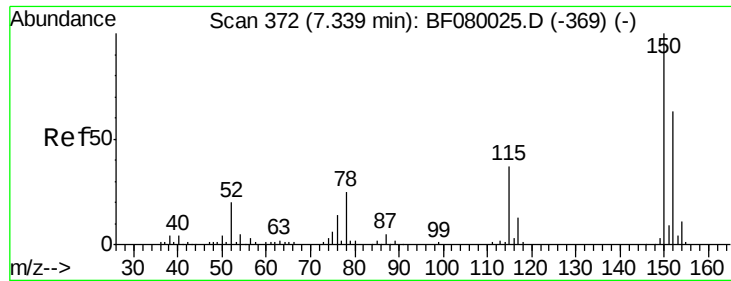
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	81410	47.57	ng	98
43) 2,4,5-Trichlorophenol	9.65	196	82073	41.63	ng #	90
45) 1,1'-Biphenyl	9.81	154	292098	41.54	ng	93
46) 2-Chloronaphthalene	9.83	162	236228	41.40	ng	93
47) 2-Nitroaniline	9.91	65	66907	42.72	ng #	57
48) Acenaphthylene	10.25	152	405546	42.59	ng	98
49) Dimethylphthalate	10.09	163	310657	47.81	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	57727	44.32	ng #	47
51) Acenaphthene	10.42	154	254252	43.64	ng	94
52) 3-Nitroaniline	10.32	138	58488	38.92	ng #	52
53) 2,4-Dinitrophenol	10.44	184	45336	85.11	ng #	1
54) Dibenzofuran	10.60	168	348466	42.15	ng #	87
55) 4-Nitrophenol	10.47	139	116124	96.66	ng #	67
56) 2,4-Dinitrotoluene	10.56	165	87052	52.66	ng #	91
57) Fluorene	10.95	166	295109	44.99	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.71	232	71055	42.69	ng	99
59) Diethylphthalate	10.79	149	284060	43.42	ng	98
60) 4-Chlorophenyl-phenylether	10.93	204	137190	43.52	ng #	84
61) 4-Nitroaniline	10.94	138	70485	45.41	ng #	48
62) Azobenzene	11.09	77	302371	45.40	ng	86
64) 4,6-Dinitro-2-methylphenol	10.97	198	40352	44.69	ng	94
65) n-Nitrosodiphenylamine	11.04	169	255941	42.69	ng	91
66) 4-Bromophenyl-phenylether	11.43	248	83266	42.54	ng #	85
67) Hexachlorobenzene	11.51	284	92865	42.69	ng #	78
68) Atrazine	11.57	200	76093	40.18	ng	86
69) Pentachlorophenol	11.69	266	102018	82.75	ng	97
70) Phenanthrene	11.92	178	467056	41.90	ng	96
71) Anthracene	11.98	178	452418	42.16	ng	99
72) Carbazole	12.13	167	408515	39.87	ng	97
73) Di-n-butylphthalate	12.45	149	524674	44.32	ng #	99
74) Fluoranthene	13.17	202	503312	42.40	ng	90
76) Benzidine	13.28	184	317504	54.32	ng #	98
77) Pyrene	13.42	202	513588	39.89	ng	96
79) Butylbenzylphthalate	14.09	149	215133	41.61	ng #	78
80) Benzo(a)anthracene	14.80	228	519484	40.78	ng	96
81) 3,3'-Dichlorobenzidine	14.75	252	167323	38.08	ng #	93
82) Chrysene	14.85	228	478638	40.74	ng	94
83) Bis(2-ethylhexyl)phthalate	14.77	149	343074	41.98	ng #	92
84) Di-n-octyl phthalate	15.56	149	553397	39.52	ng	95
85) Indeno(1,2,3-cd)pyrene	18.52	276	552775	37.31	ng #	88
87) Benzo(b)fluoranthene	16.13	252	470604	39.74	ng #	86
88) Benzo(k)fluoranthene	16.16	252	417188	34.59	ng #	88
89) Benzo(a)pyrene	16.59	252	480654	42.73	ng #	87
90) Dibenzo(a,h)anthracene	18.54	278	469707	40.80	ng #	80
91) Benzo(g,h,i)perylene	19.08	276	467928	40.26	ng #	76

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

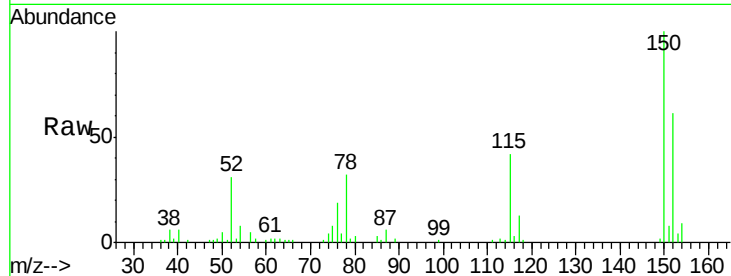


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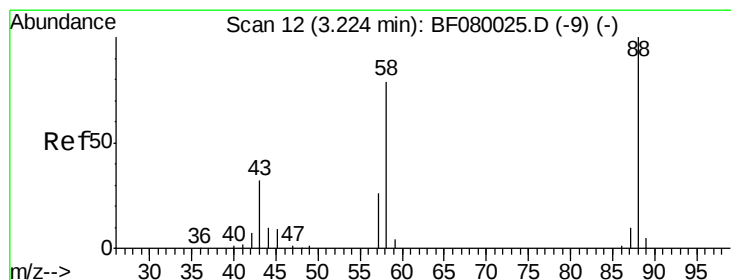
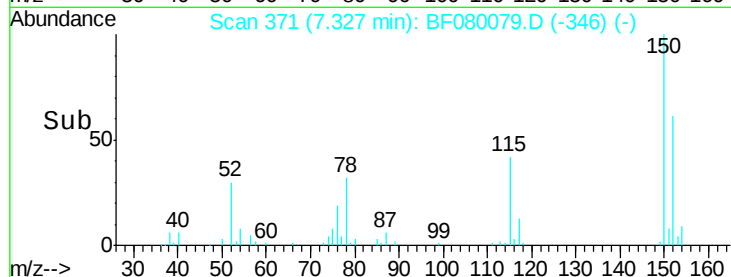
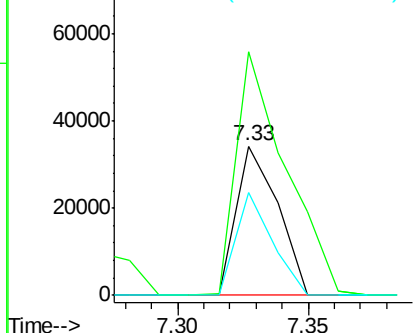
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion:152 Resp: 38037
Ion Ratio Lower Upper
152 100
150 163.3 124.7 187.1
115 68.8 39.0 58.4#



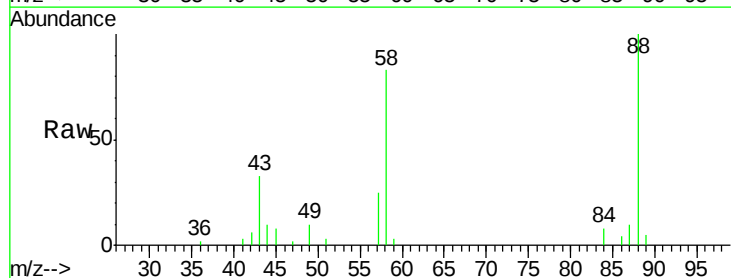
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



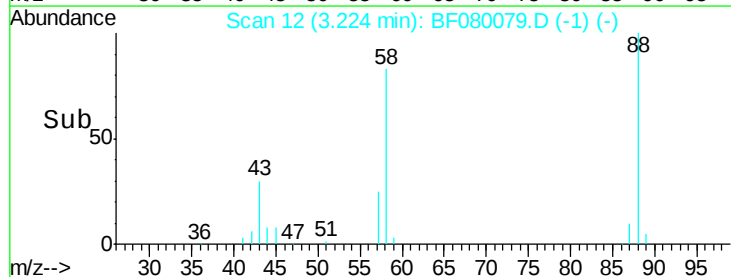
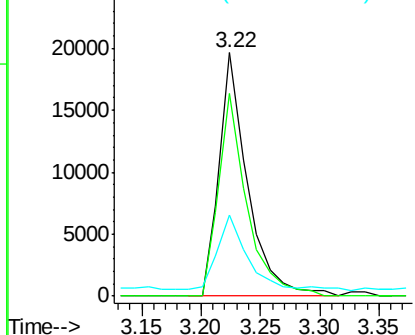
#2

1,4-Dioxane
Concen: 31.93 ng
RT: 3.22 min Scan# 12
Delta R.T. -0.00 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion: 88 Resp: 32615
Ion Ratio Lower Upper
88 100
58 83.2 77.7 116.5
43 33.2 26.6 40.0



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





#3

Pyridine

Concen: 38.10 ng

RT: 4.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

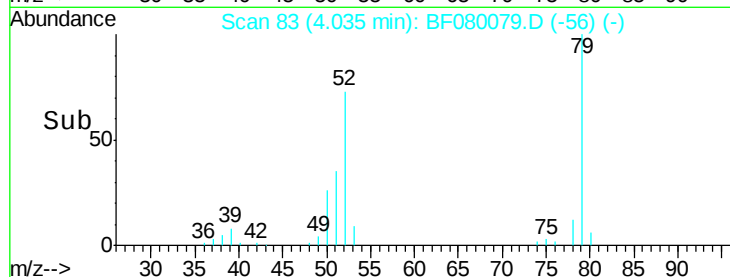
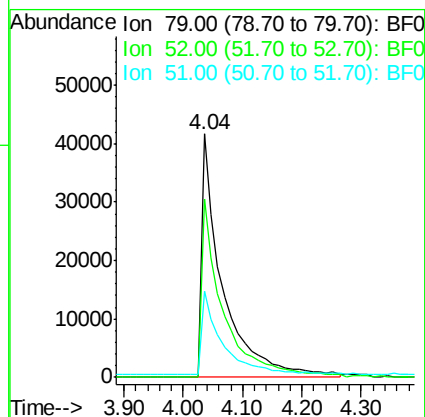
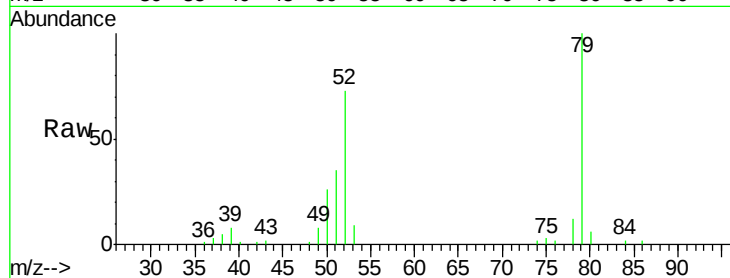
Tgt Ion: 79 Resp: 103495

Ion Ratio Lower Upper

79 100

52 73.4 76.8 115.2#

51 35.5 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 37.54 ng

RT: 3.94 min Scan# 75

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

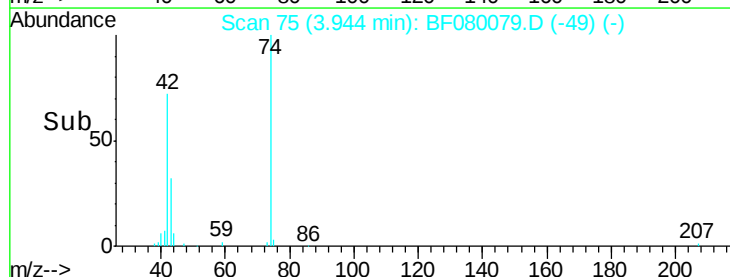
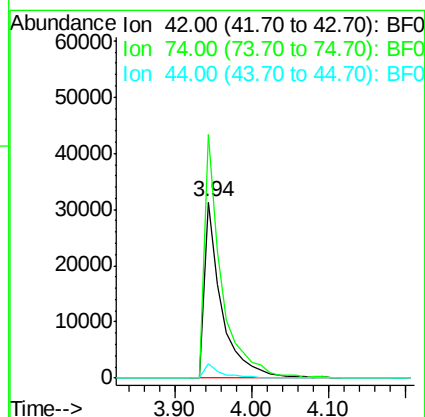
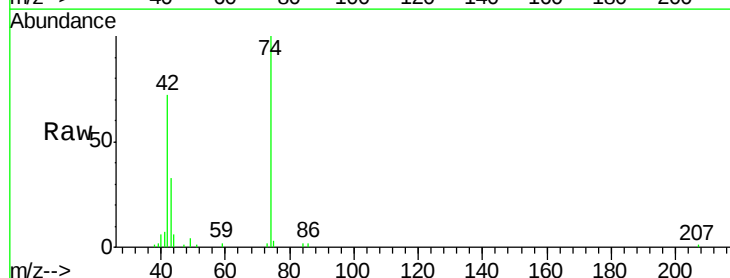
Tgt Ion: 42 Resp: 48465

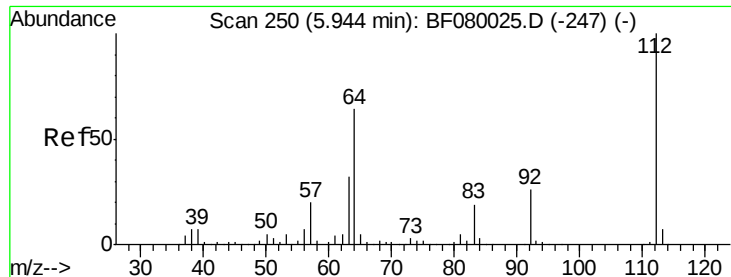
Ion Ratio Lower Upper

42 100

74 138.1 105.0 157.6

44 8.3 6.6 10.0





#5

2-Fluorophenol

Concen: 150.41 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

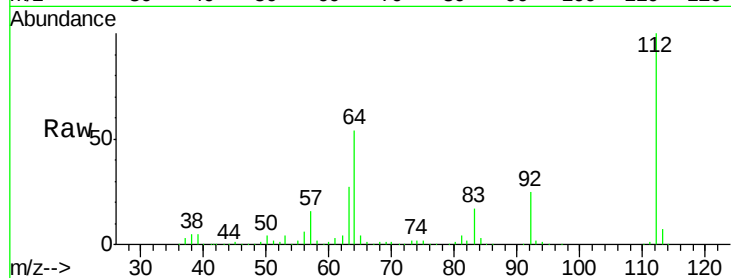
Tgt Ion: 112 Resp: 323190

Ion Ratio Lower Upper

112 100

64 53.7 39.7 59.5

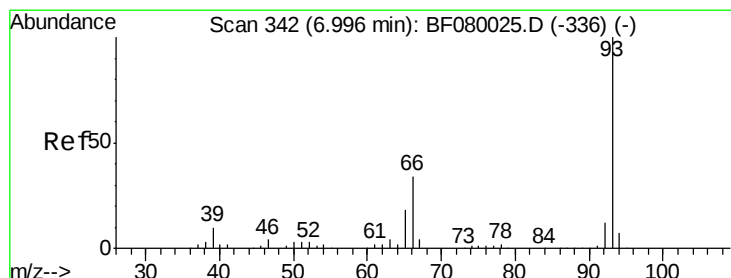
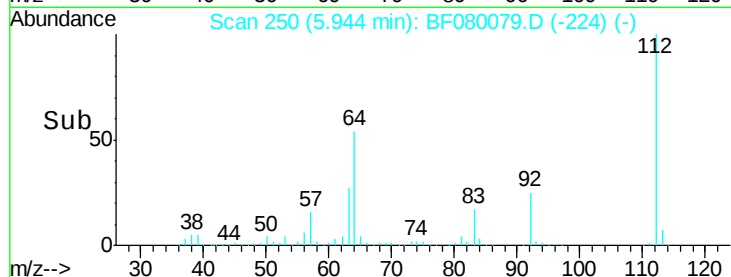
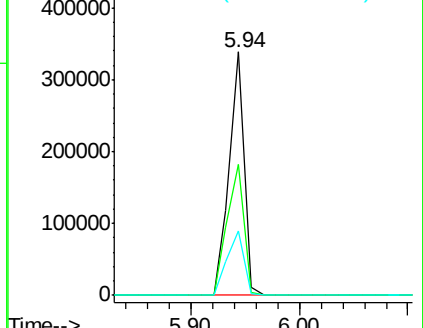
63 26.7 17.4 26.0#



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: 42.75 ng

RT: 6.98 min Scan# 341

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

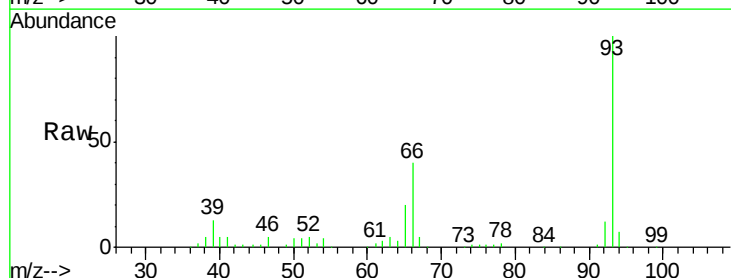
Tgt Ion: 93 Resp: 168195

Ion Ratio Lower Upper

93 100

66 39.9 27.2 40.8

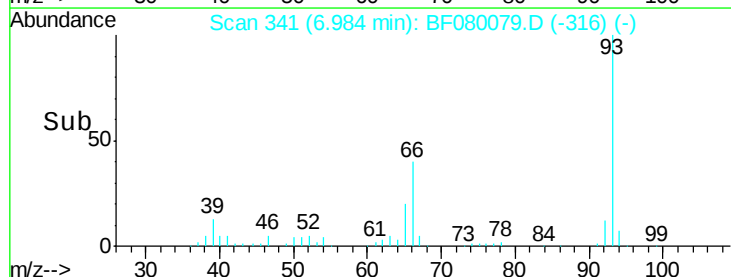
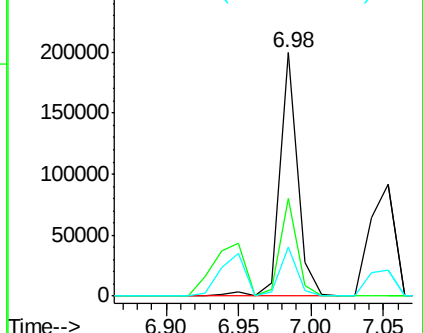
65 20.1 14.7 22.1



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: 143.83 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

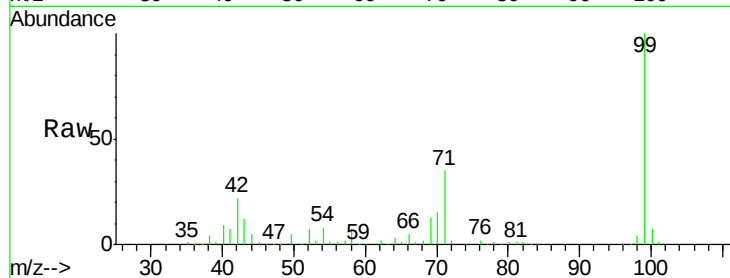
Tgt Ion: 99 Resp: 411274

Ion Ratio Lower Upper

99 100

42 22.4 13.7 20.5#

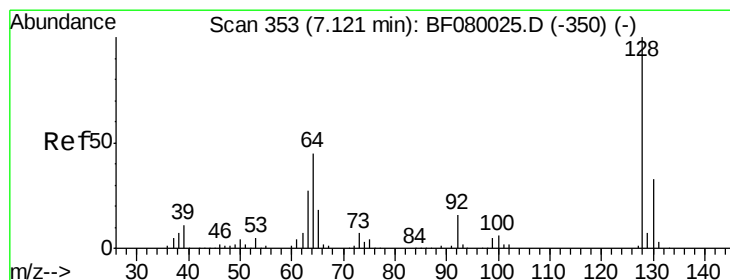
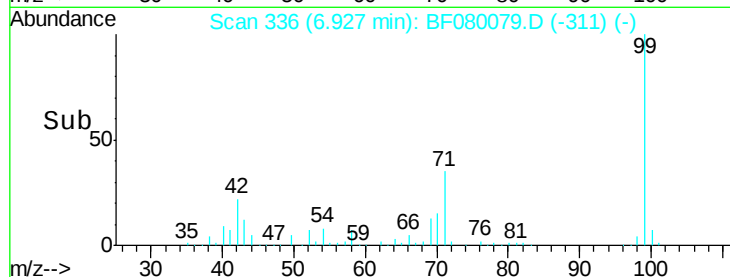
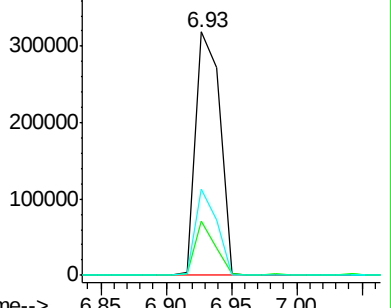
71 35.3 14.2 21.2#



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: 47.56 ng

RT: 7.11 min Scan# 352

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

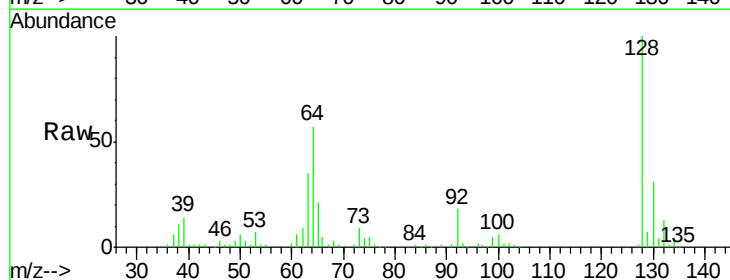
Tgt Ion: 128 Resp: 118109

Ion Ratio Lower Upper

128 100

130 31.3 12.2 52.2

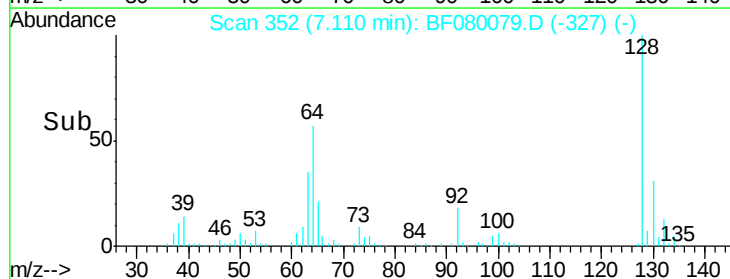
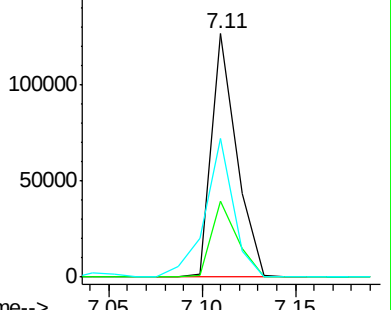
64 56.8 20.5 60.5

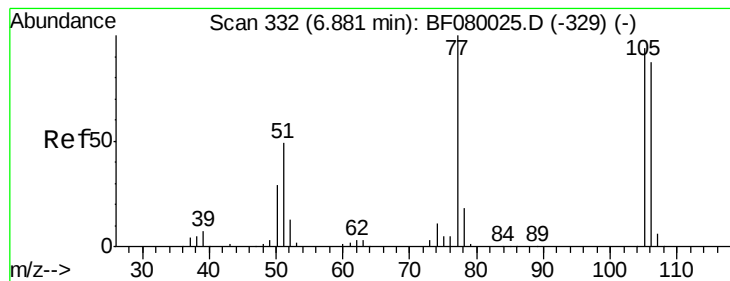


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.17 ng

RT: 6.88 min Scan# 332

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

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ClientSampleId :

PE-2MS

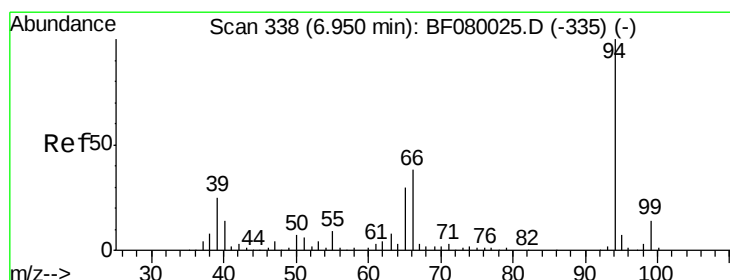
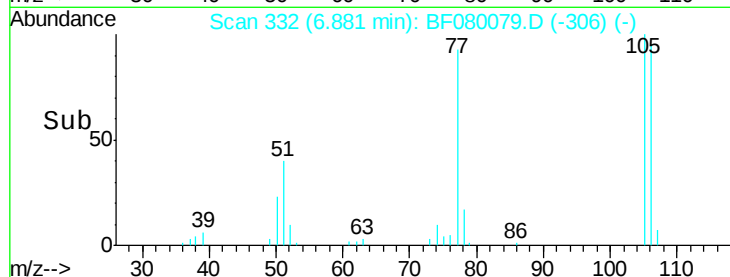
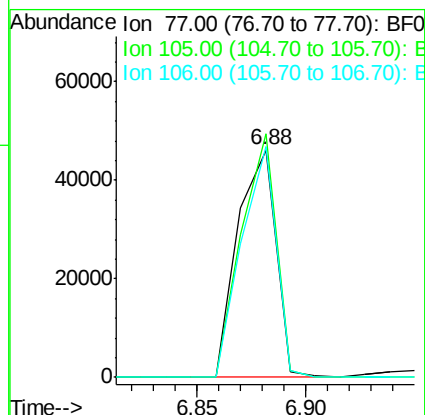
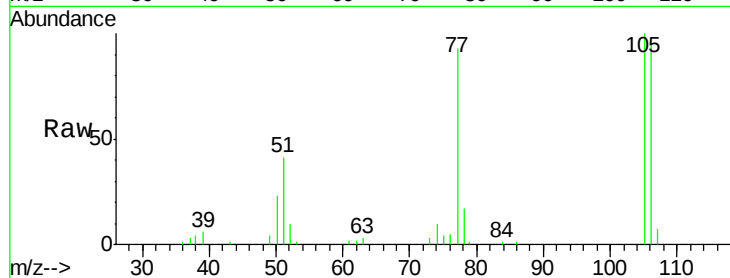
Tgt Ion: 77 Resp: 56406

Ion Ratio Lower Upper

77 100

105 107.1 91.6 131.6

106 101.4 102.6 142.6#



#10

Phenol

Concen: 46.35 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

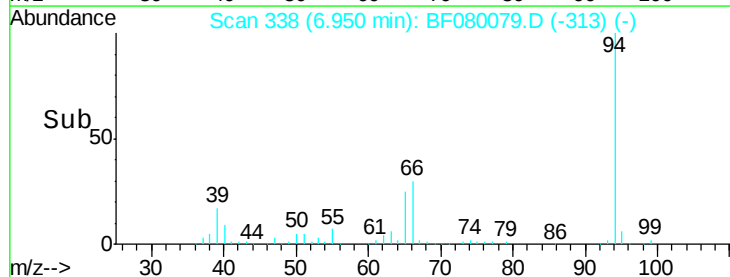
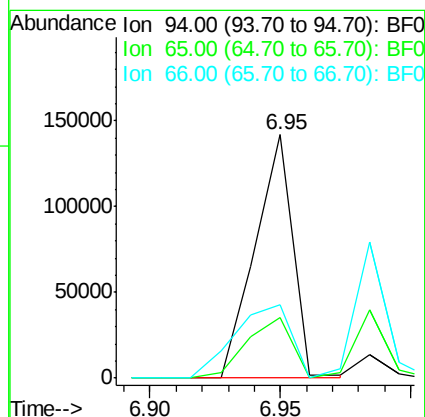
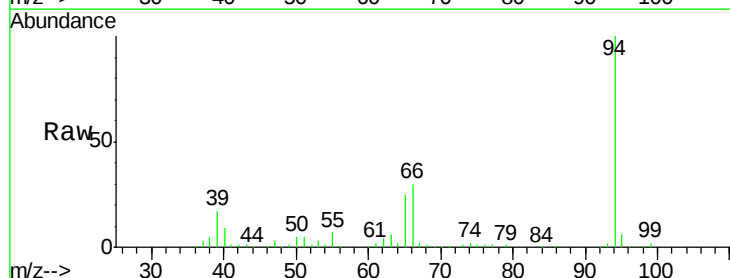
Tgt Ion: 94 Resp: 144633

Ion Ratio Lower Upper

94 100

65 24.7 0.7 40.7

66 30.3 0.8 40.8

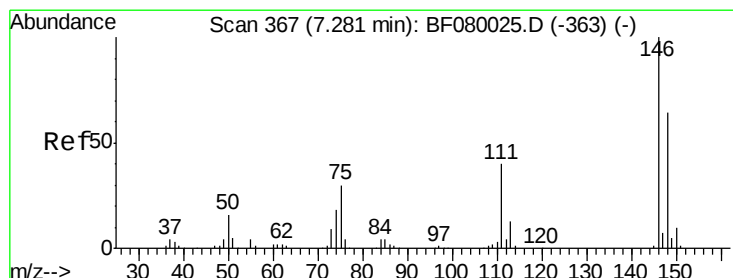
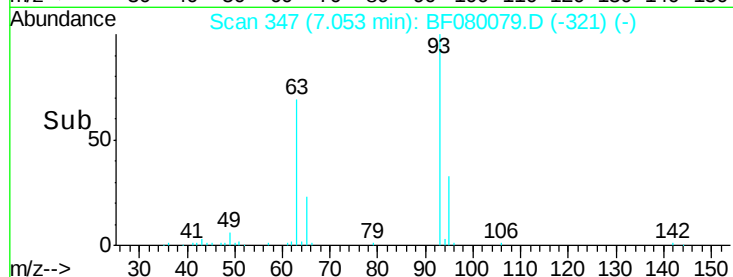
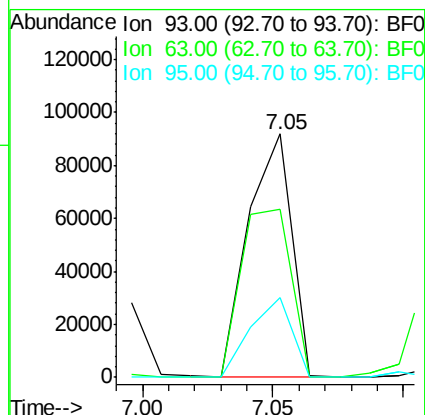
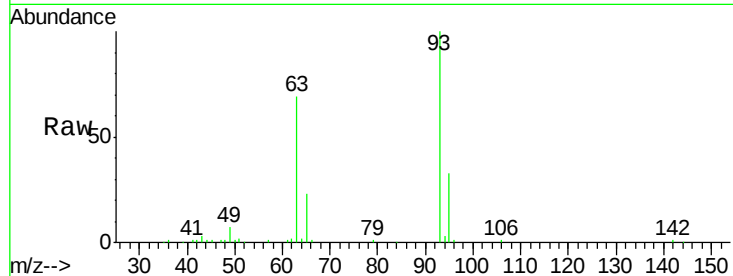




#11
bis(2-Chloroethyl)ether
Concen: 43.69 ng
RT: 7.05 min Scan# 347
Delta R.T. -0.00 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

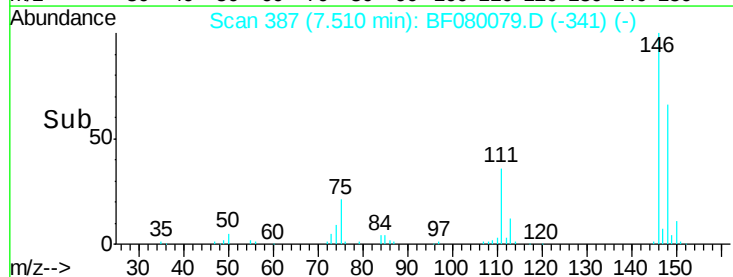
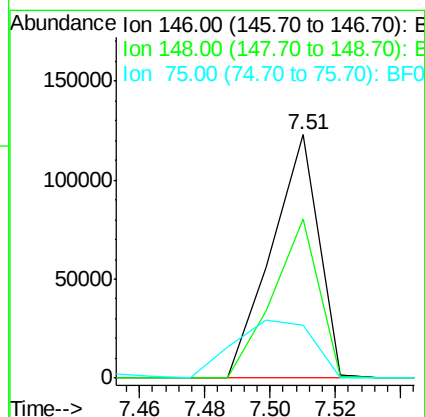
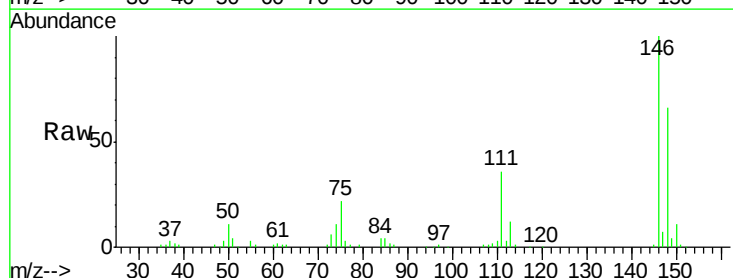
Instrument :
BNA_F
ClientSampleId :
PE-2MS

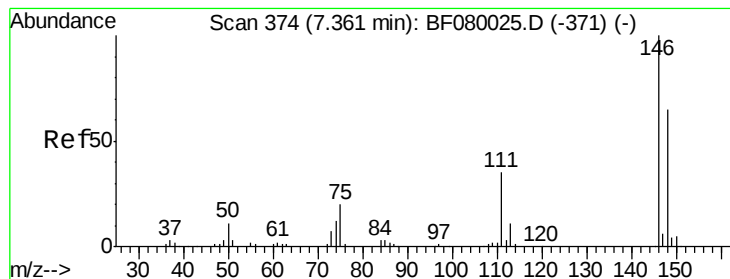
Tgt Ion: 93 Resp: 108175
Ion Ratio Lower Upper
93 100
63 68.9 65.6 105.6
95 32.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.40 ng
RT: 7.51 min Scan# 387
Delta R.T. 0.23 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion: 146 Resp: 123502
Ion Ratio Lower Upper
146 100
148 65.6 51.0 76.4
75 21.7 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 43.53 ng

RT: 7.51 min Scan# 387

Delta R.T. 0.15 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

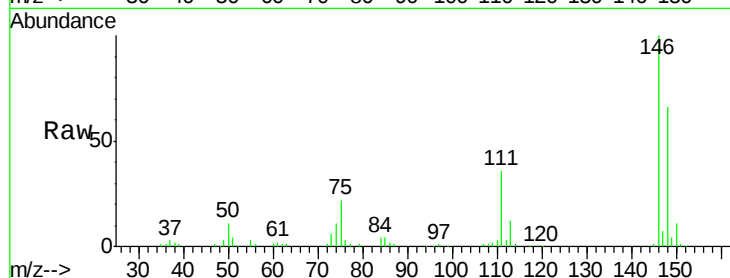
Tgt Ion:146 Resp: 123517

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.6

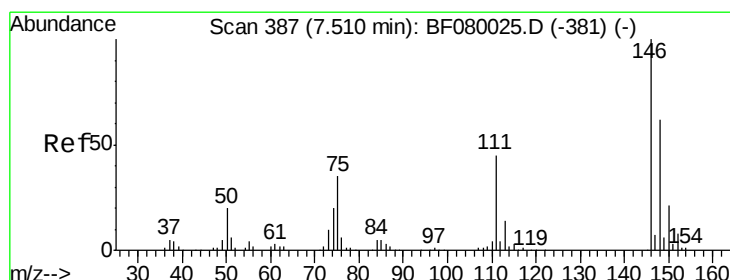
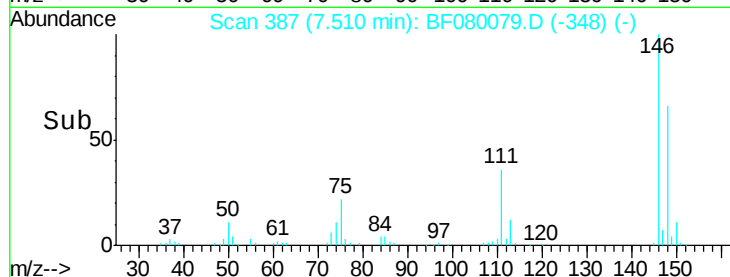
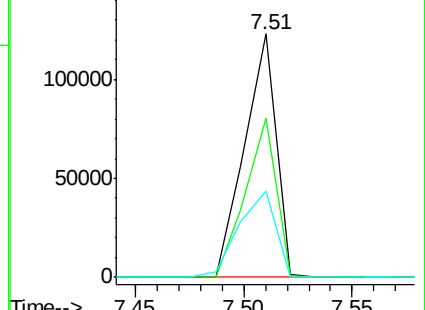
111 35.6 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.74 ng

RT: 7.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

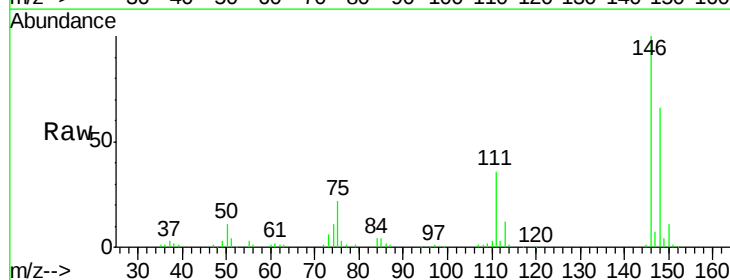
Tgt Ion:146 Resp: 123517

Ion Ratio Lower Upper

146 100

148 65.6 52.7 79.1

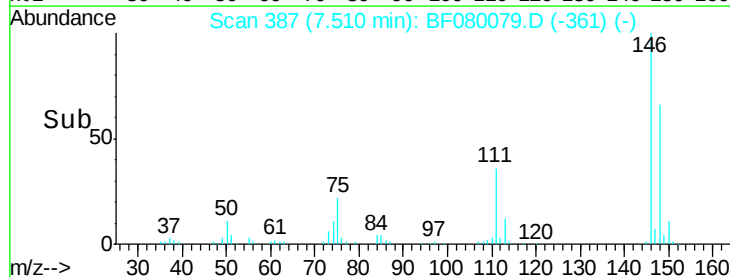
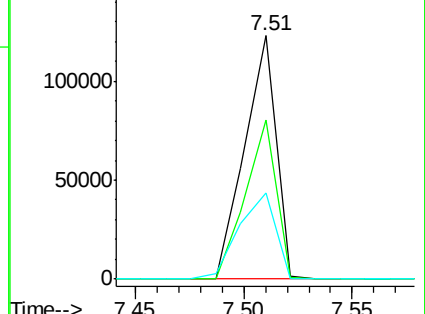
111 35.6 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.32 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampled :

PE-2MS

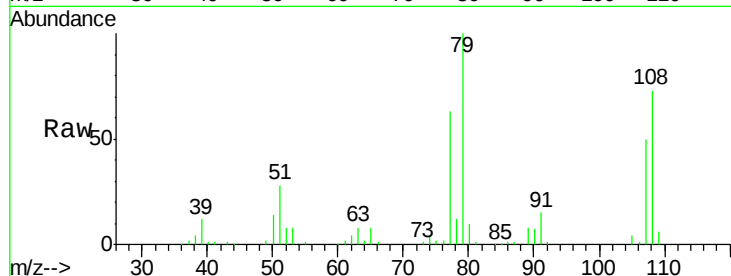
Tgt Ion: 79 Resp: 105946

Ion Ratio Lower Upper

79 100

108 72.9 88.6 132.8#

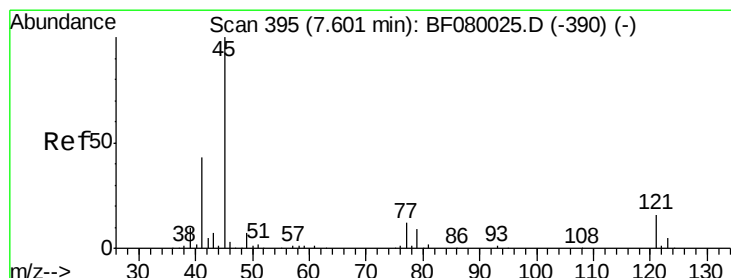
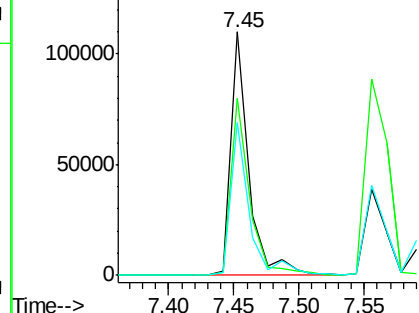
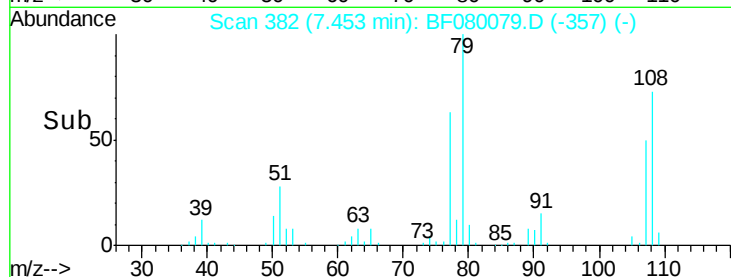
77 62.9 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.26 ng

RT: 7.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

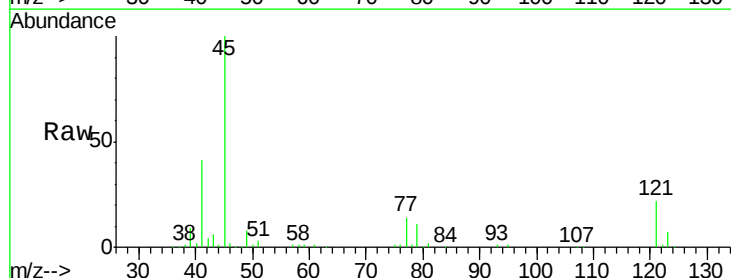
Tgt Ion: 45 Resp: 188353

Ion Ratio Lower Upper

45 100

77 14.0 0.0 28.1

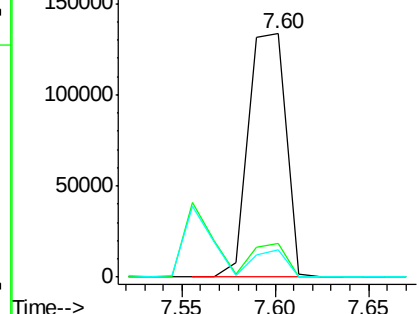
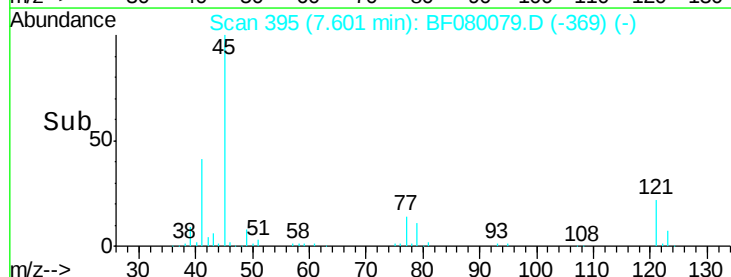
79 11.2 0.0 26.0

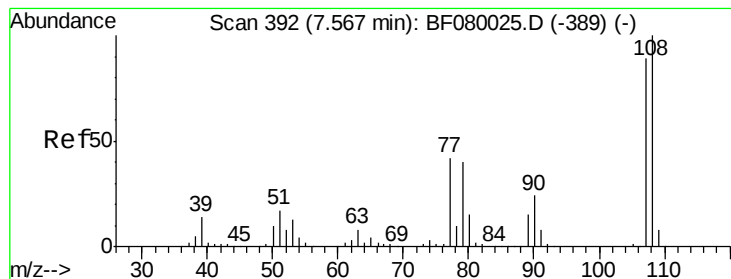


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

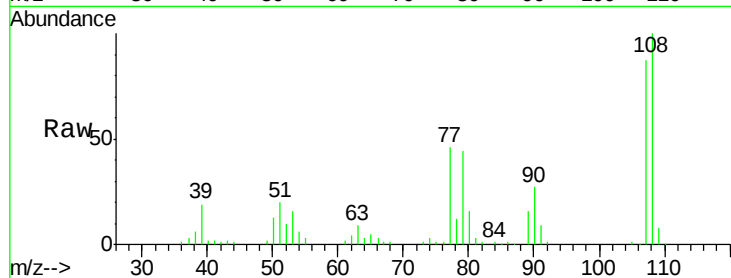




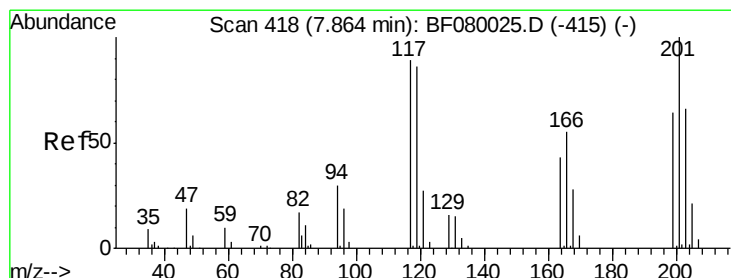
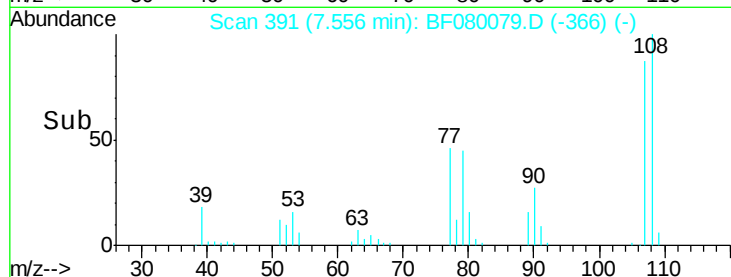
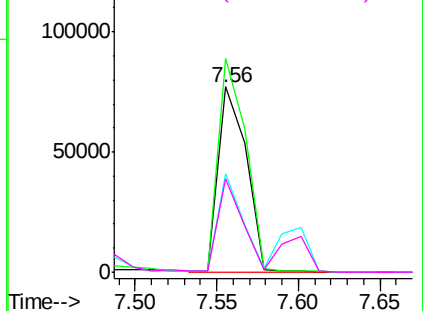
#17
2-Methylphenol
Concen: 43.14 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion:107 Resp: 91522
Ion Ratio Lower Upper
107 100
108 115.4 96.6 145.0
77 53.1 23.3 34.9#
79 50.8 22.0 33.0#

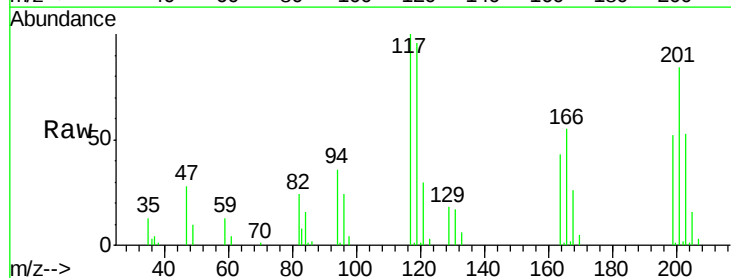


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

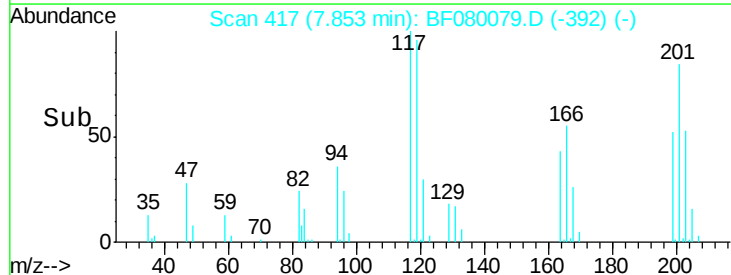
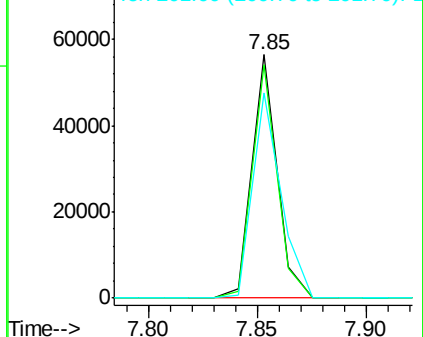


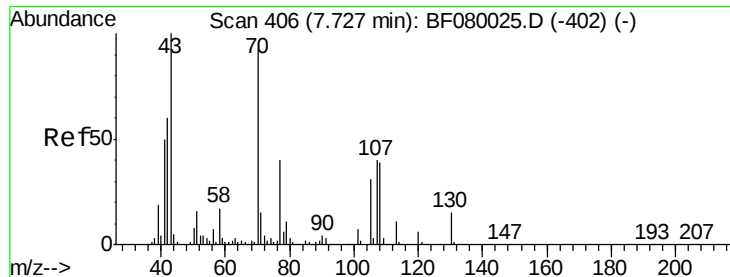
#18
Hexachloroethane
Concen: 47.72 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion:117 Resp: 45078
Ion Ratio Lower Upper
117 100
119 95.8 83.8 125.6
201 84.3 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

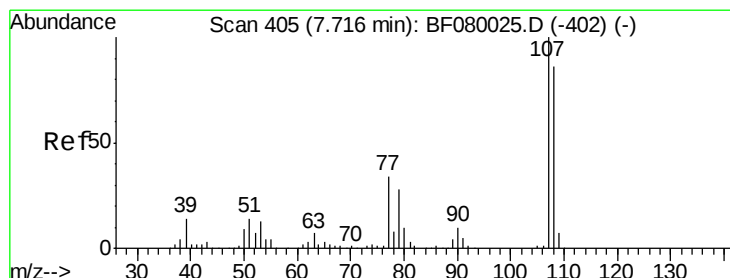
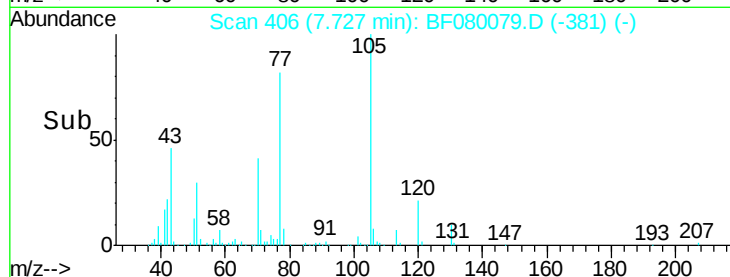
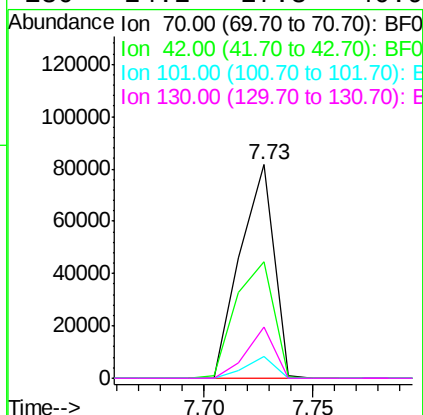
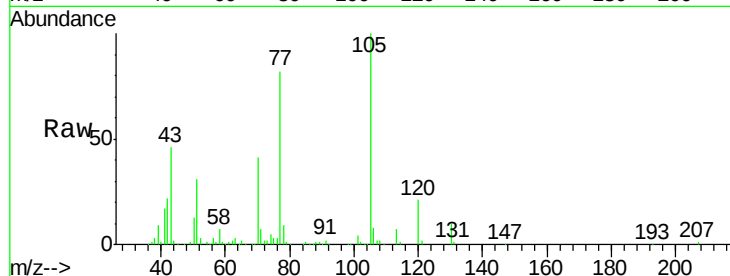




#19
n-Nitroso-di-n-propylamine
Concen: 44.30 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

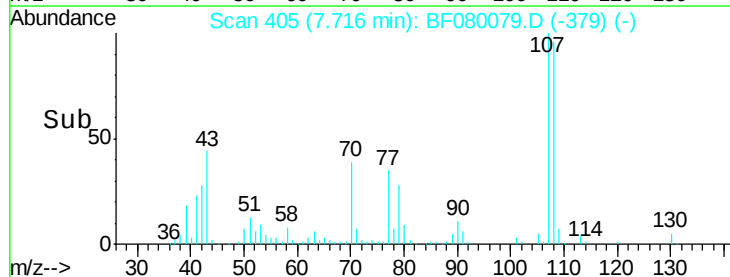
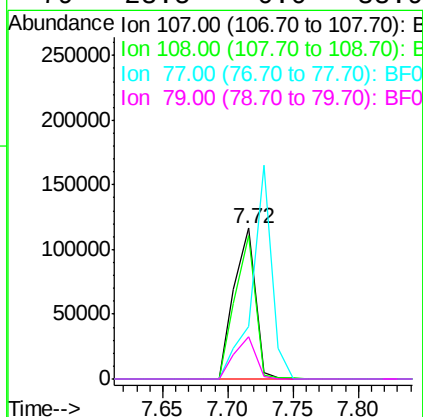
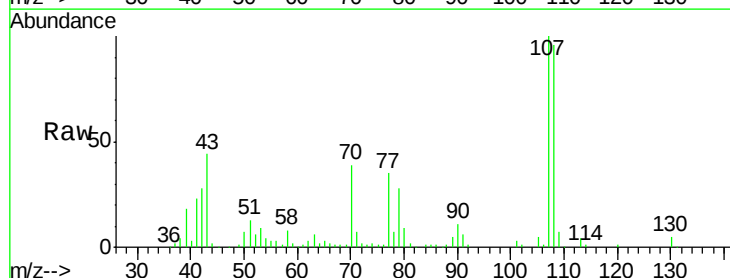
Instrument :
BNA_F
ClientSampleId :
PE-2MS

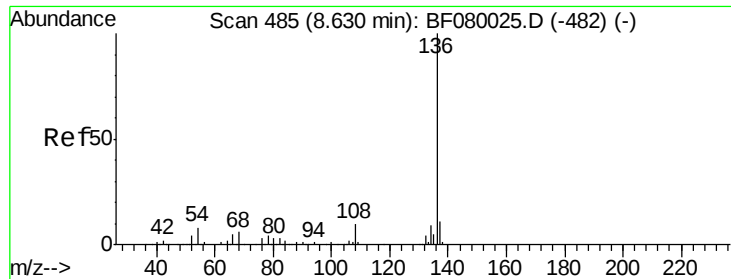
Tgt Ion: 70 Resp: 87953
Ion Ratio Lower Upper
70 100
42 54.3 63.8 95.6#
101 9.9 9.2 13.8
130 24.2 27.3 40.9#



#20
3+4-Methylphenols
Concen: 48.16 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion: 107 Resp: 131859
Ion Ratio Lower Upper
107 100
108 95.7 74.6 114.6
77 34.7 0.7 40.7
79 28.5 0.0 38.9

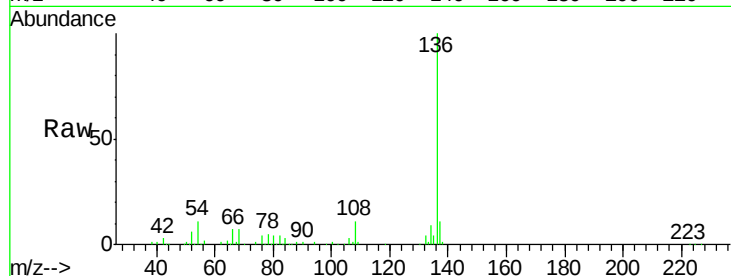




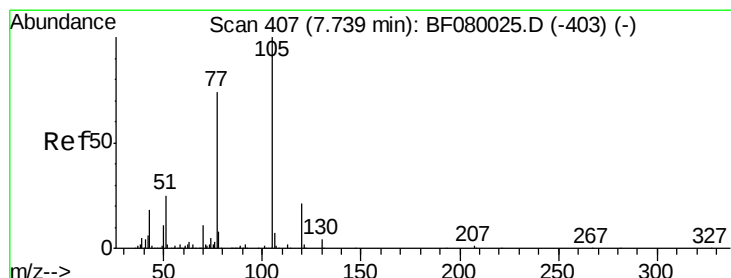
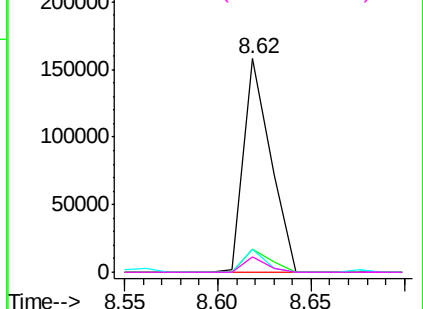
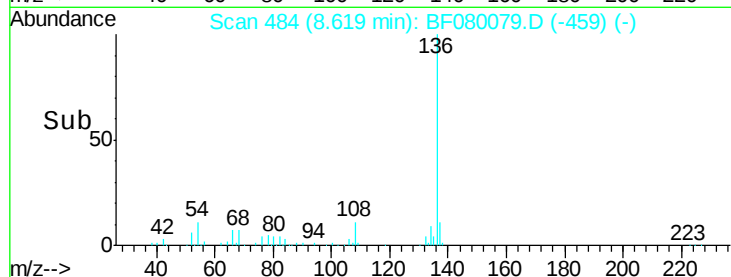
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion:	136	Resp:	159578
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.7	8.2	12.2
68	7.2	5.8	8.6

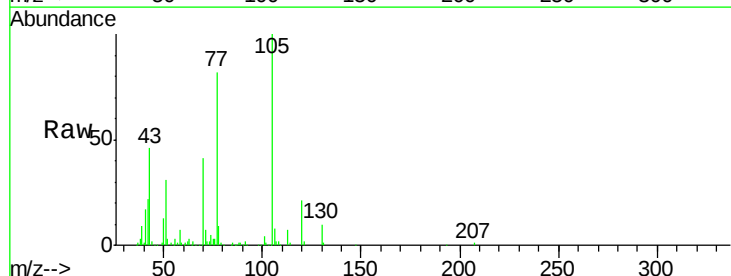


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

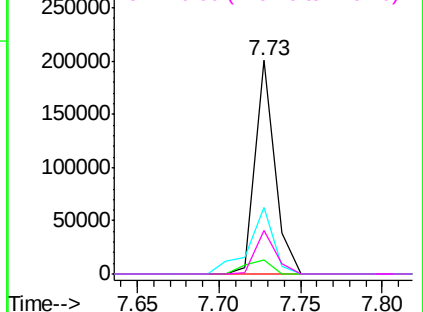
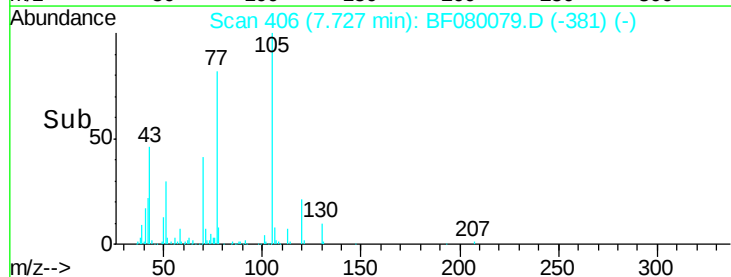


#22
Acetophenone
Concen: 45.51 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion:	105	Resp:	169233
Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.7	7.1
51	31.0	22.0	33.0
120	20.5	30.1	45.1#



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

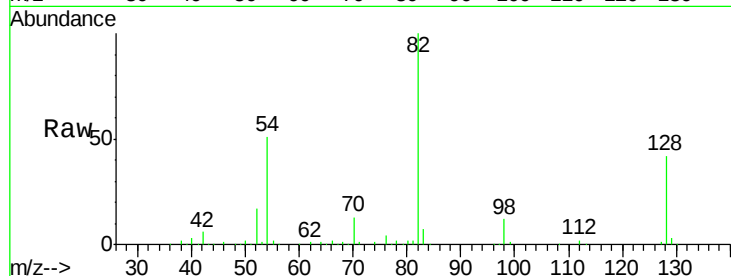




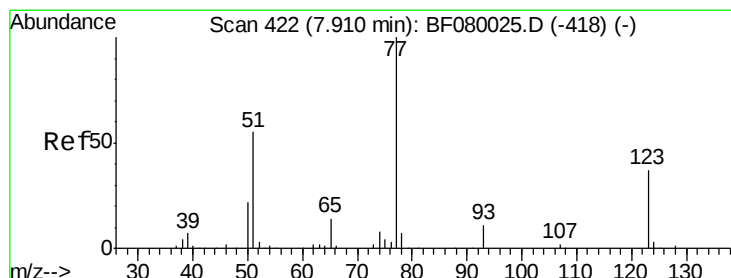
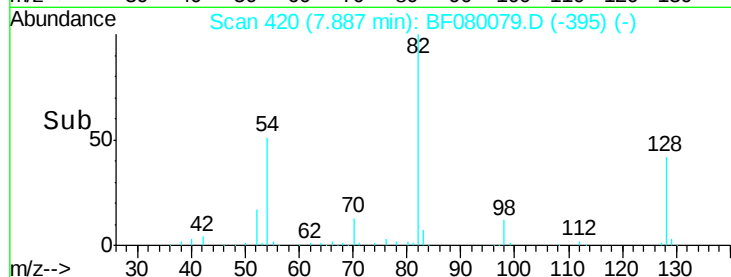
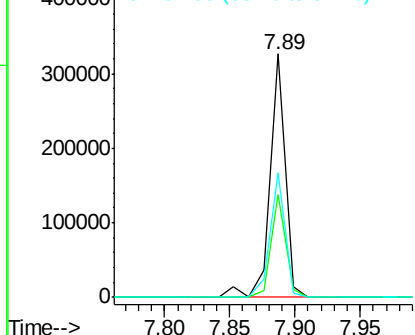
#23
 Nitrobenzene-d5
 Concen: 98.40 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion: 82 Resp: 269740
 Ion Ratio Lower Upper
 82 100
 128 42.2 51.0 76.6#
 54 51.3 47.5 71.3

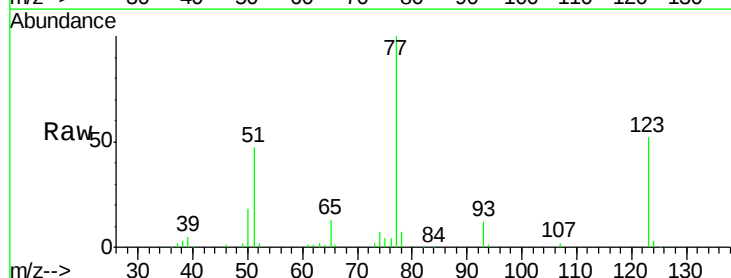


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

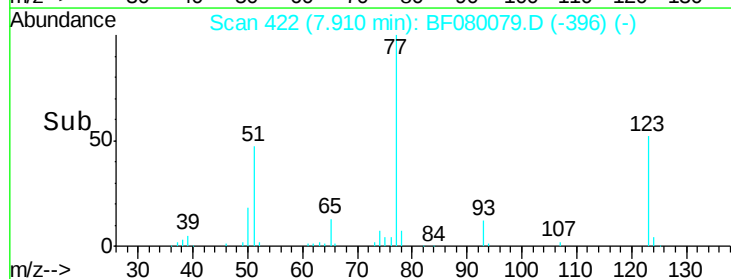
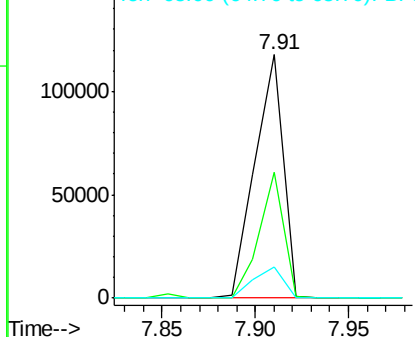


#24
 Nitrobenzene
 Concen: 43.54 ng
 RT: 7.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion: 77 Resp: 123188
 Ion Ratio Lower Upper
 77 100
 123 51.9 59.8 89.8#
 65 12.6 10.2 15.4



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: 41.98 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

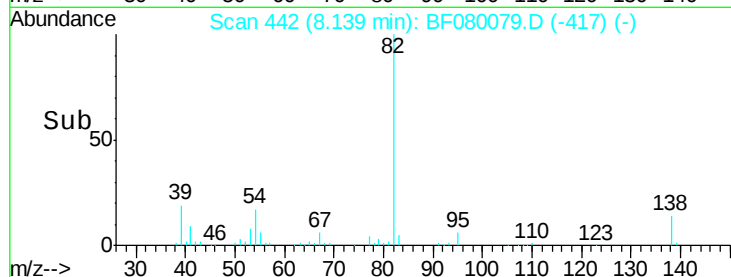
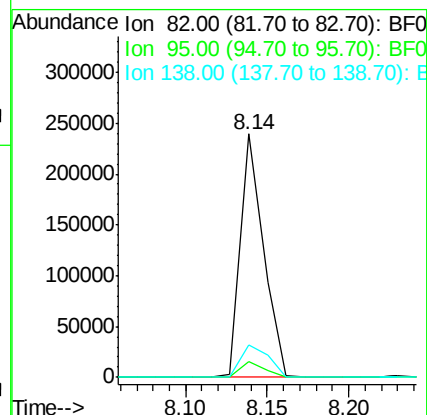
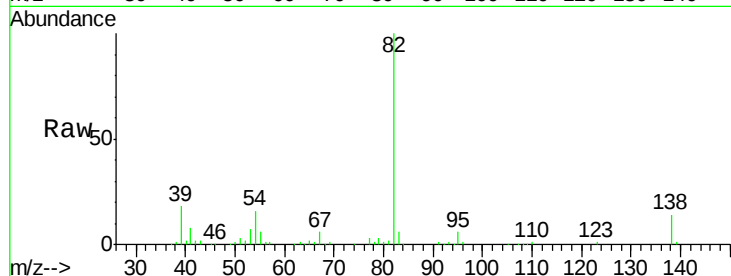
Tgt Ion: 82 Resp: 231580

Ion Ratio Lower Upper

82 100

95 6.3 4.0 6.0#

138 13.5 18.3 27.5#



#26

2-Nitrophenol

Concen: 50.55 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

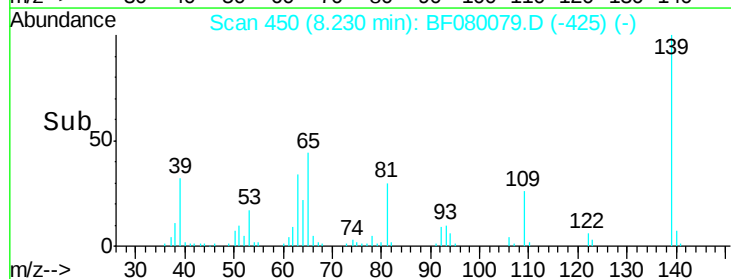
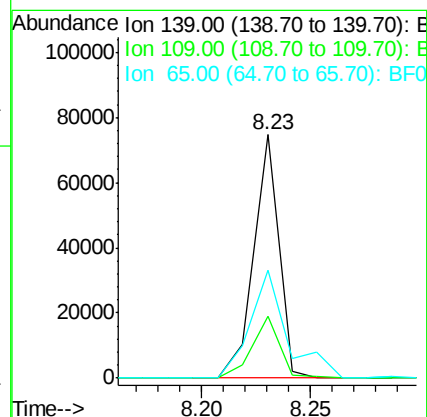
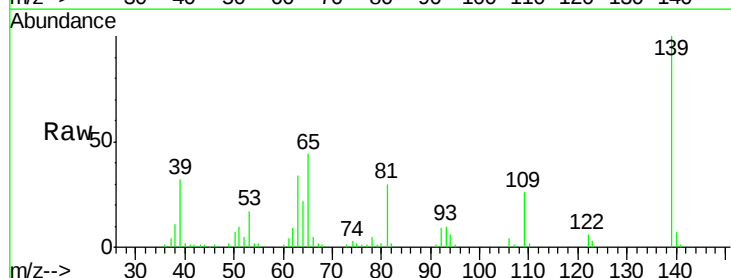
Tgt Ion: 139 Resp: 59868

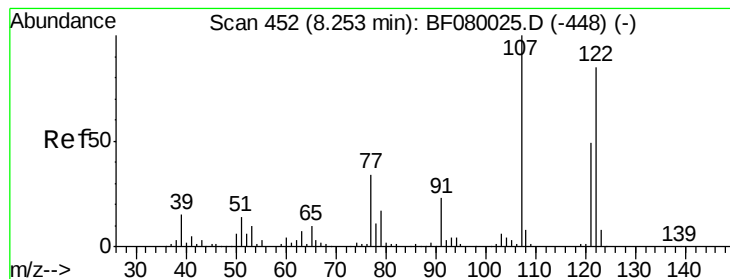
Ion Ratio Lower Upper

139 100

109 25.5 11.0 16.4#

65 44.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 42.91 ng

RT: 8.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

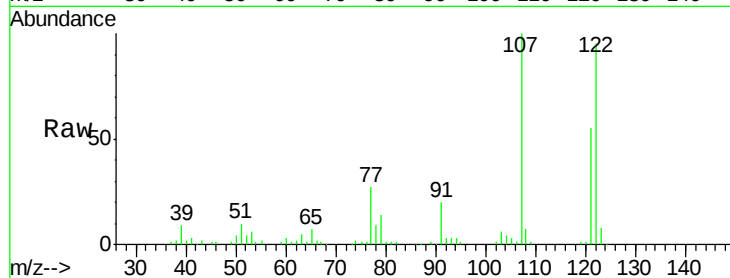
Tgt Ion: 122 Resp: 105972

Ion Ratio Lower Upper

122 100

107 105.1 71.8 107.6

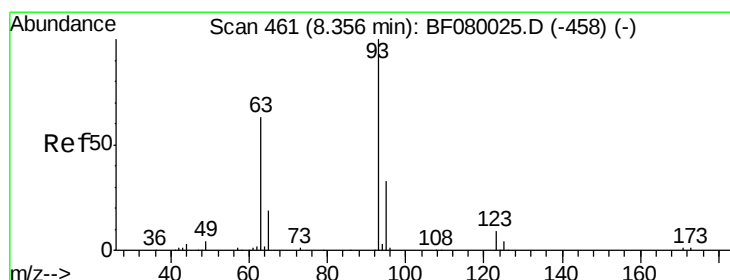
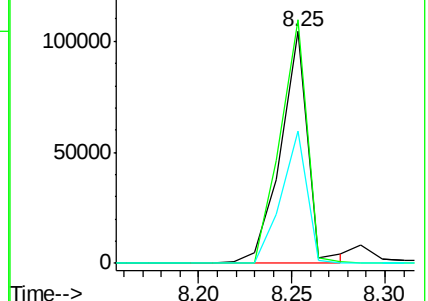
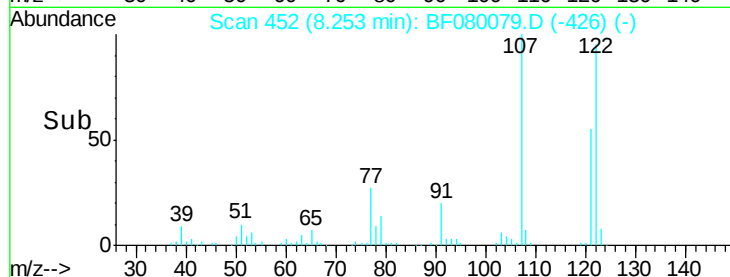
121 57.3 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.39 ng

RT: 8.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

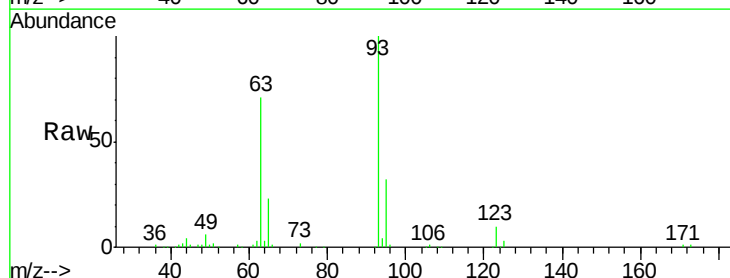
Tgt Ion: 93 Resp: 150347

Ion Ratio Lower Upper

93 100

95 32.0 27.5 41.3

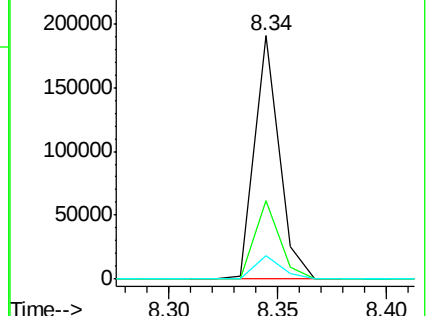
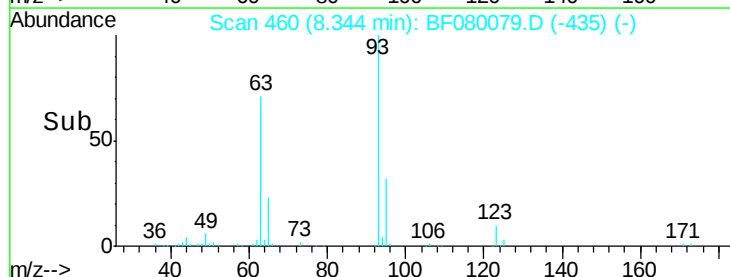
123 9.9 13.7 20.5#



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

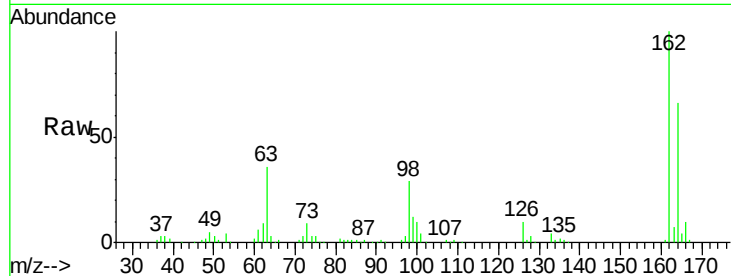




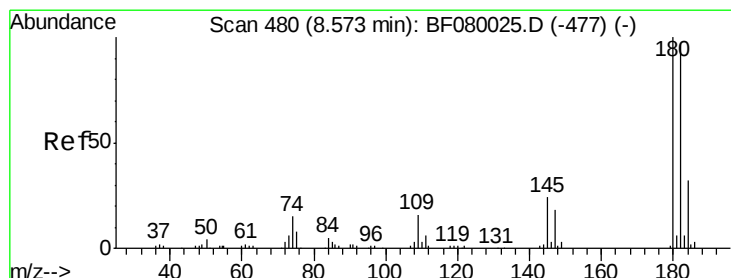
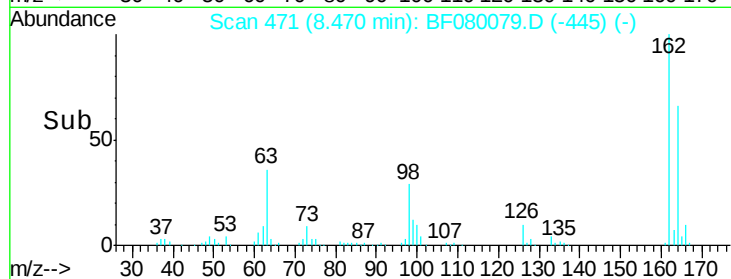
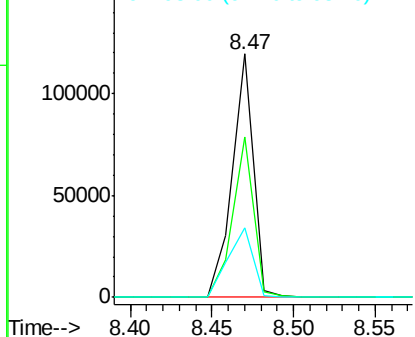
#29
 2,4-Dichlorophenol
 Concen: 50.18 ng
 RT: 8.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.9	84.9
98	28.5	13.0	53.0

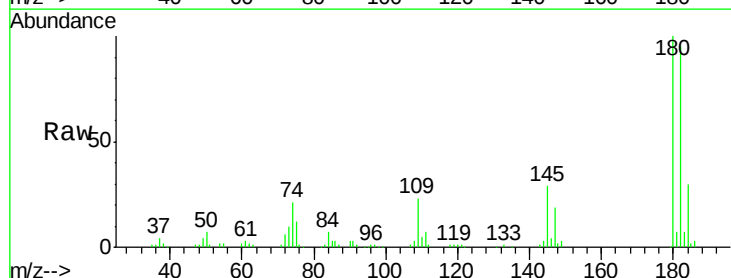


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

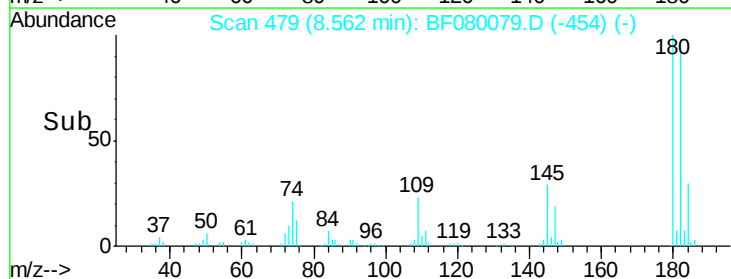
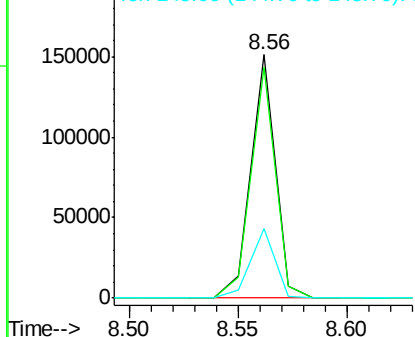


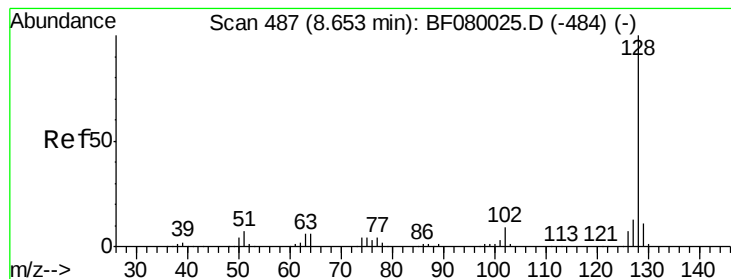
#30
 1,2,4-Trichlorobenzene
 Concen: 49.16 ng
 RT: 8.56 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.1	115.7
145	28.8	23.3	34.9



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: 42.06 ng

RT: 8.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

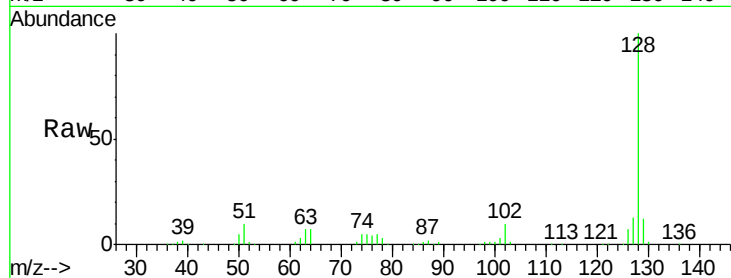
Tgt Ion:128 Resp: 350886

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

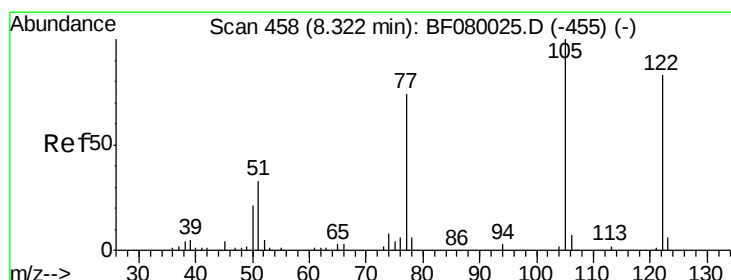
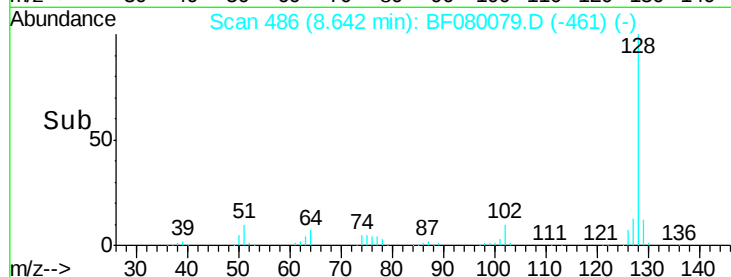
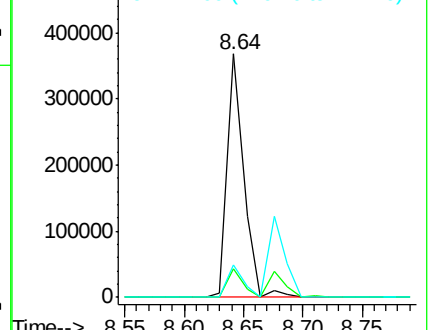
127 13.4 9.9 14.9



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: 70.98 ng

RT: 8.25 min Scan# 452

Delta R.T. -0.08 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

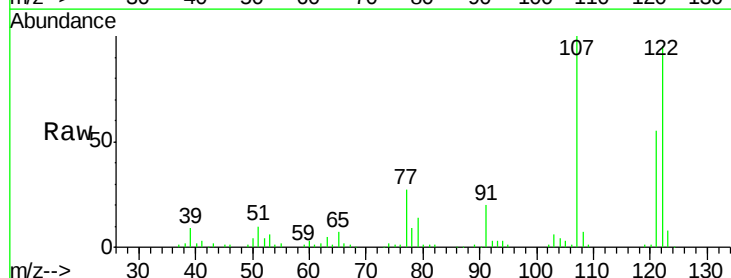
Tgt Ion:122 Resp: 105972

Ion Ratio Lower Upper

122 100

105 3.4 76.1 116.1#

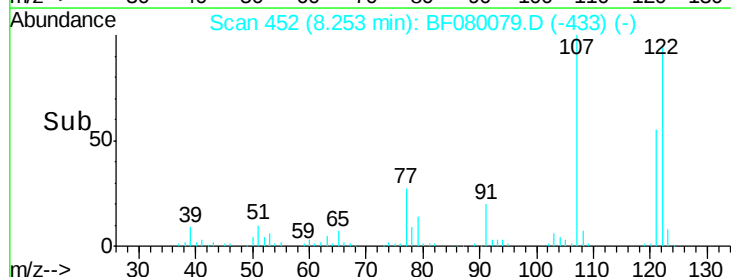
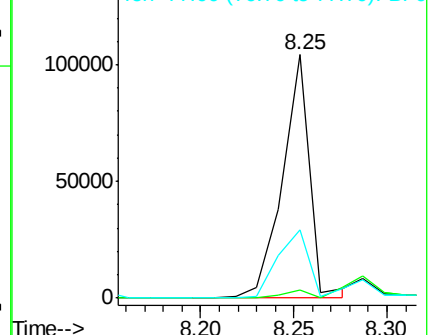
77 28.2 40.5 80.5#

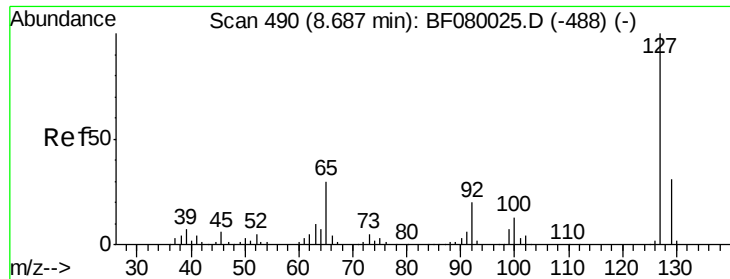


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

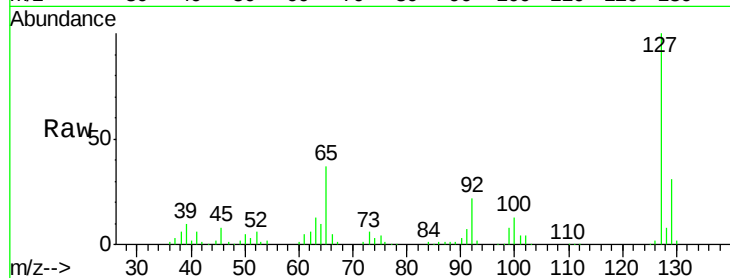




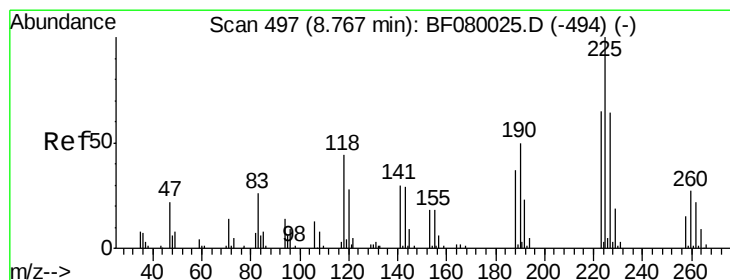
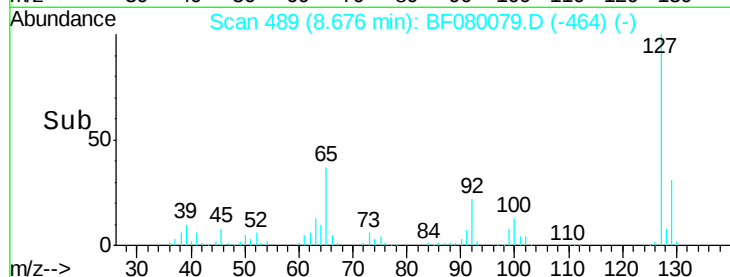
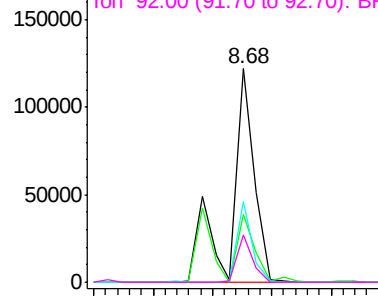
#33
4-Chloroaniline
Concen: 46.42 ng
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion:127 Resp: 165748
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.6
65 37.5 17.9 26.9#
92 21.9 10.5 15.7#

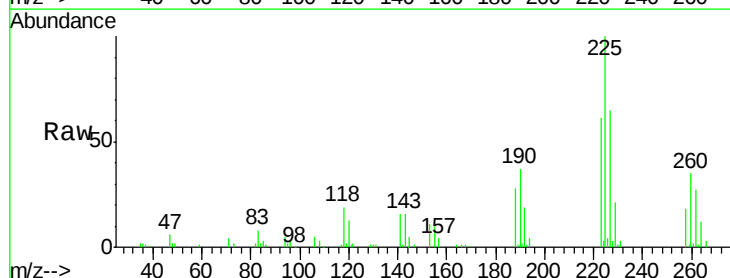


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

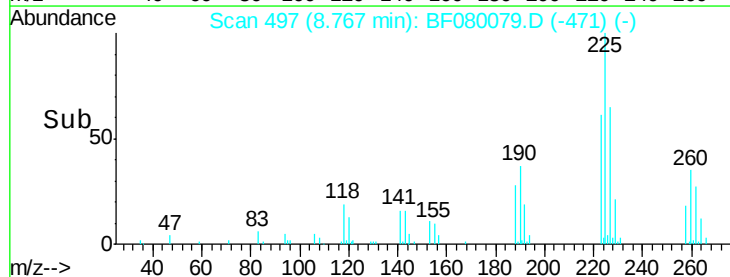
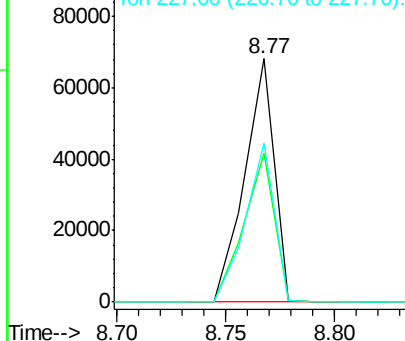


#34
Hexachlorobutadiene
Concen: 43.39 ng
RT: 8.77 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion:225 Resp: 64171
Ion Ratio Lower Upper
225 100
223 61.1 50.2 75.2
227 65.3 52.2 78.2



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

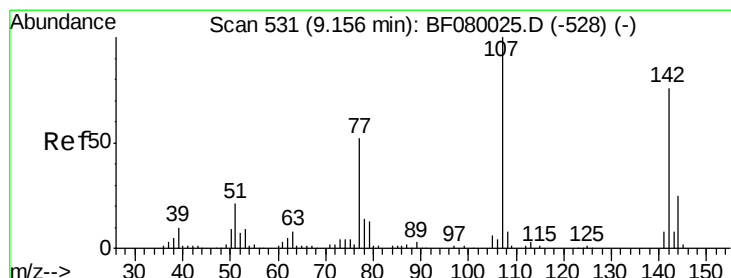
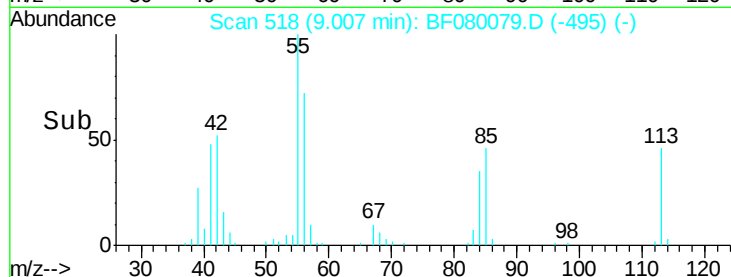
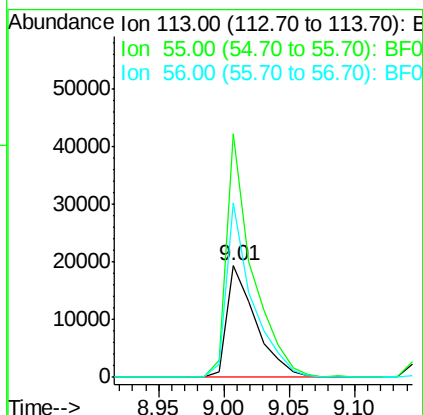
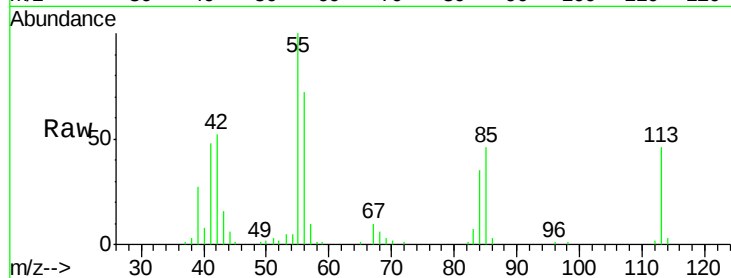




#35
 Caprolactam
 Concen: 43.58 ng
 RT: 9.01 min Scan# 518
 Delta R.T. -0.03 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

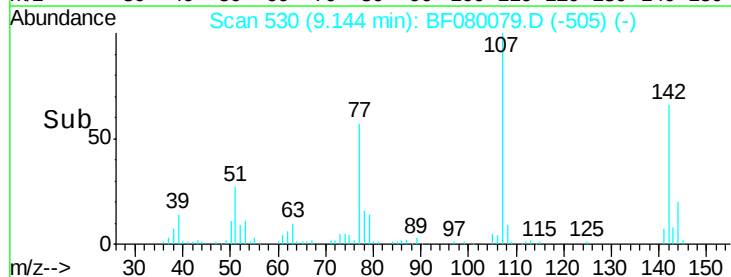
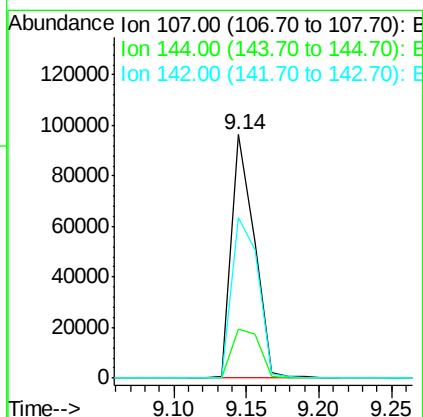
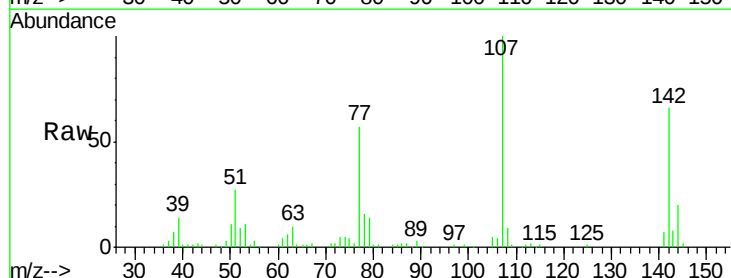
Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion:113 Resp: 29916
 Ion Ratio Lower Upper
 113 100
 55 218.9 152.4 192.4#
 56 157.0 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 44.33 ng
 RT: 9.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion:107 Resp: 105739
 Ion Ratio Lower Upper
 107 100
 144 20.1 25.4 38.0#
 142 66.1 77.3 115.9#

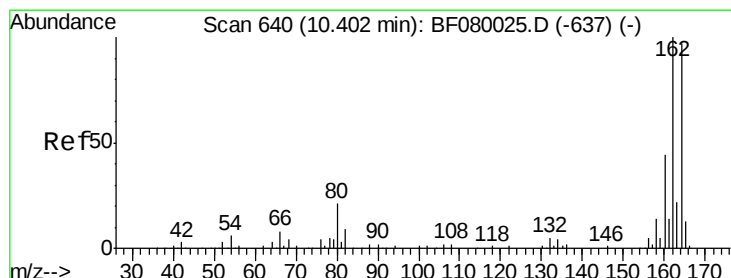
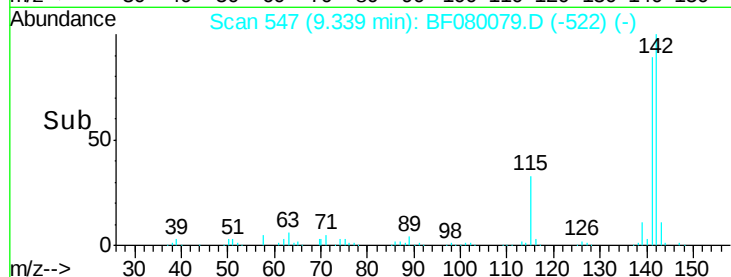
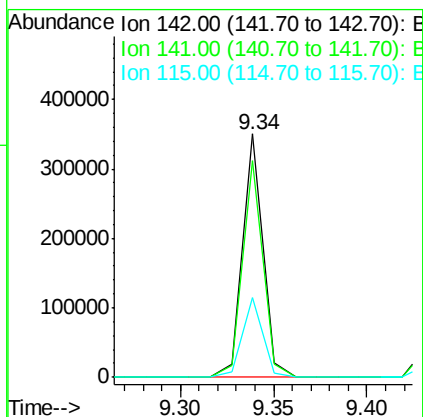
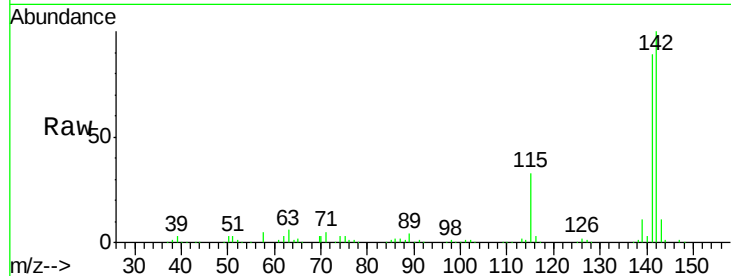




#37
 2-Methylnaphthalene
 Concen: 49.75 ng
 RT: 9.34 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

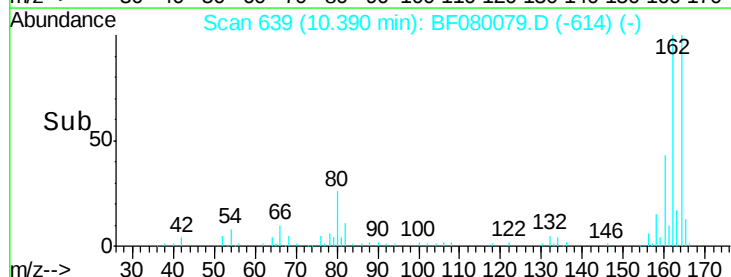
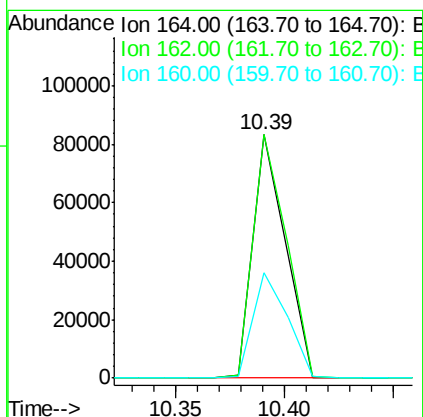
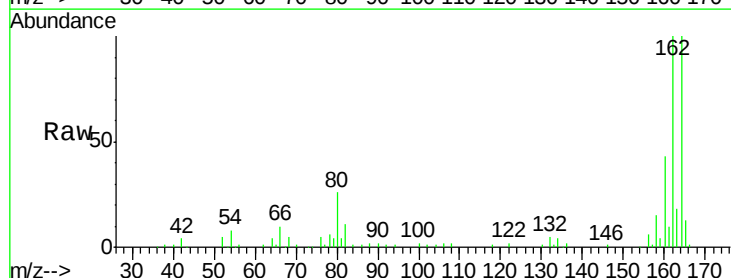
Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

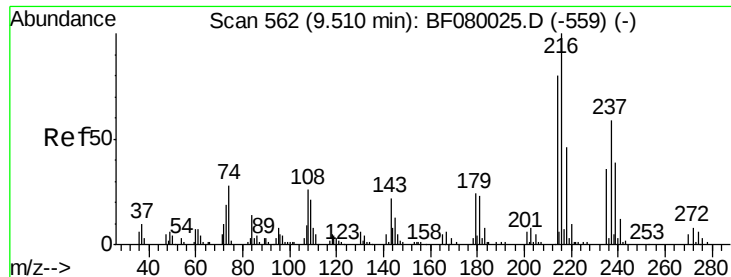
Tgt Ion:142 Resp: 268479
 Ion Ratio Lower Upper
 142 100
 141 89.1 67.5 101.3
 115 33.0 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion:164 Resp: 86427
 Ion Ratio Lower Upper
 164 100
 162 100.0 75.2 112.8
 160 43.2 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.21 ng

RT: 9.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

Tgt Ion:216 Resp: 121253

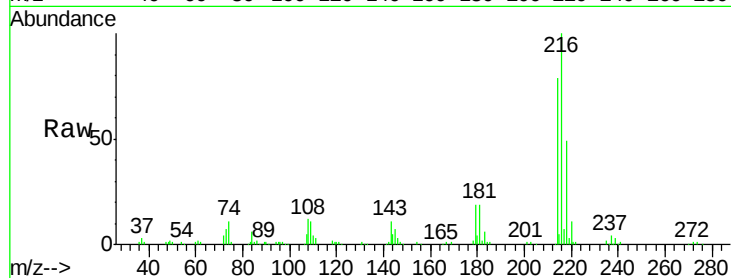
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 20.2 16.6 24.8

108 18.7 16.3 24.5

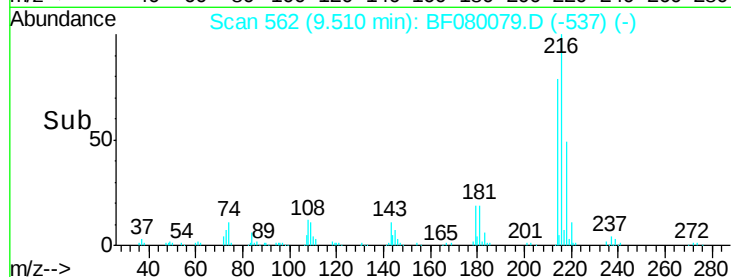


Abundance Ion 216.00 (215.70 to 216.70): E

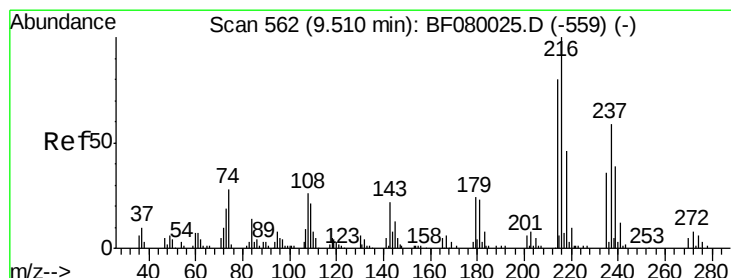
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 86.74 ng

RT: 9.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

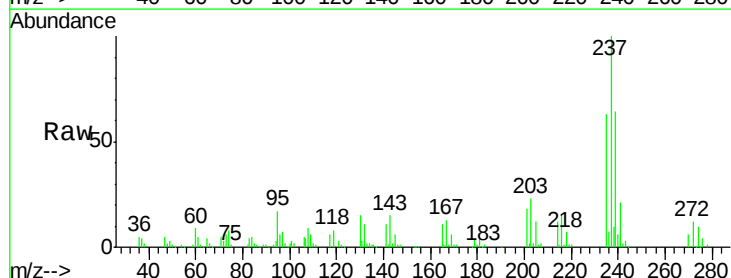
Tgt Ion:237 Resp: 113000

Ion Ratio Lower Upper

237 100

235 63.5 42.0 82.0

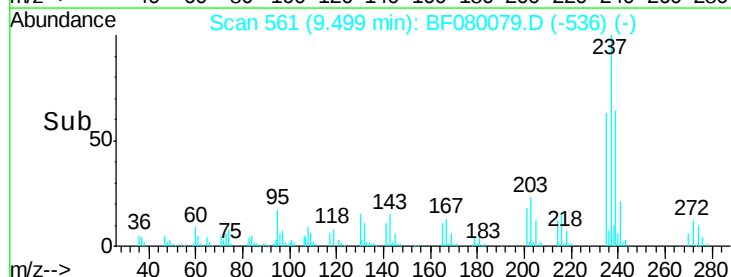
272 12.1 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 155.12 ng

RT: 11.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

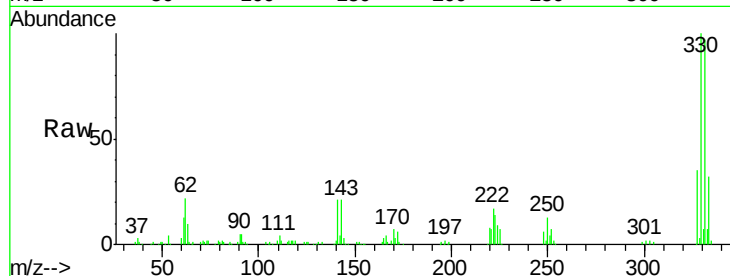
Tgt Ion:330 Resp: 131098

Ion Ratio Lower Upper

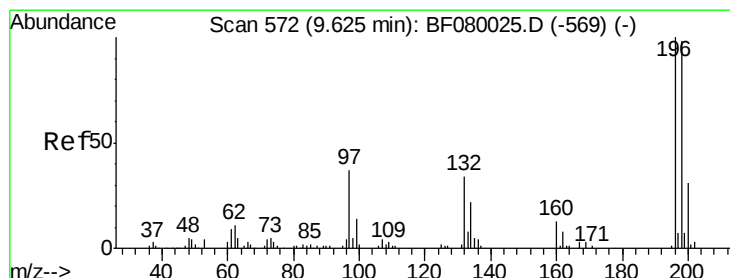
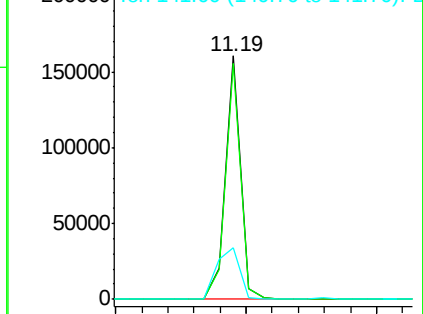
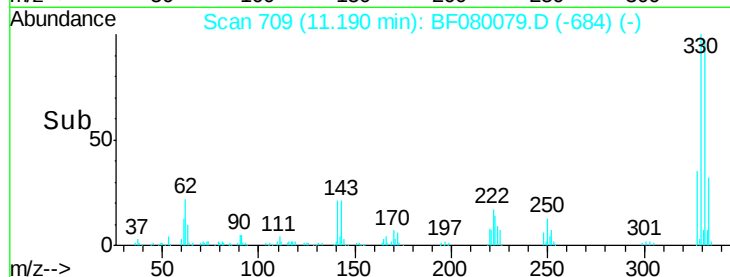
330 100

332 96.0 76.6 114.8

141 32.5 29.7 44.5



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: 47.57 ng

RT: 9.61 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

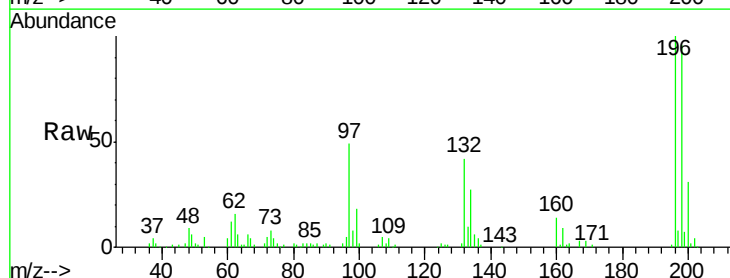
Tgt Ion:196 Resp: 81410

Ion Ratio Lower Upper

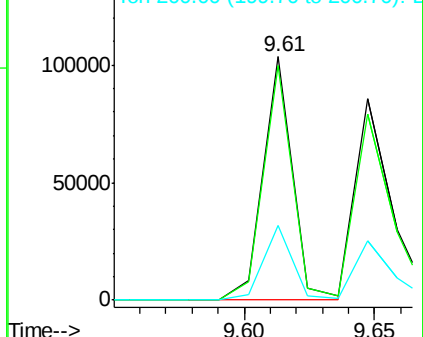
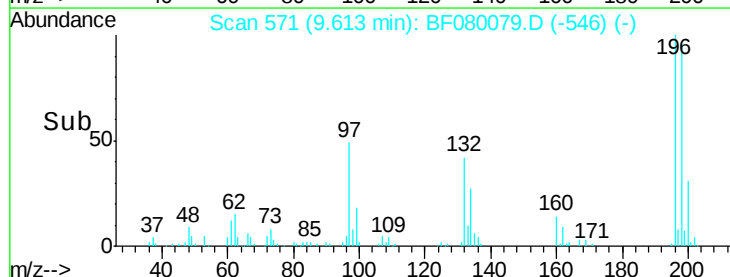
196 100

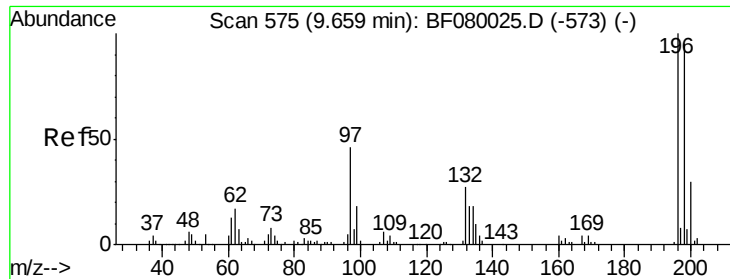
198 96.4 75.7 113.5

200 30.9 23.9 35.9



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

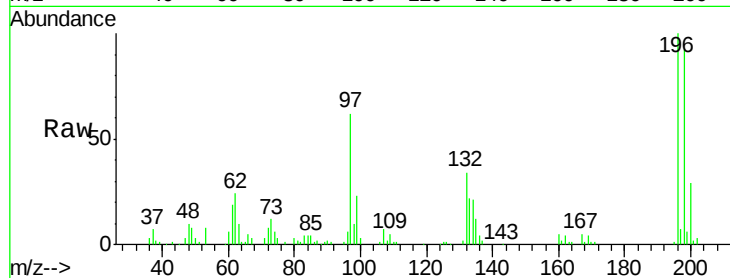




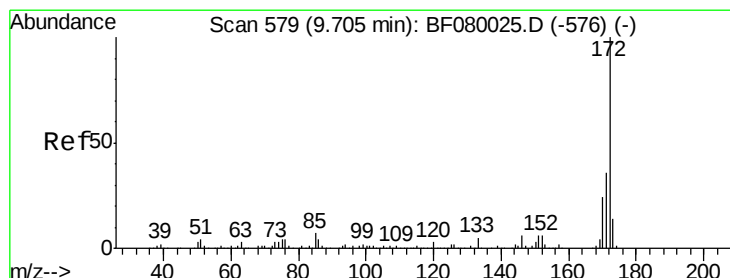
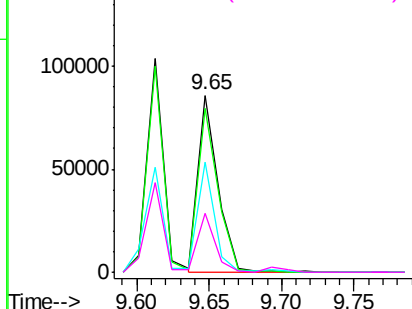
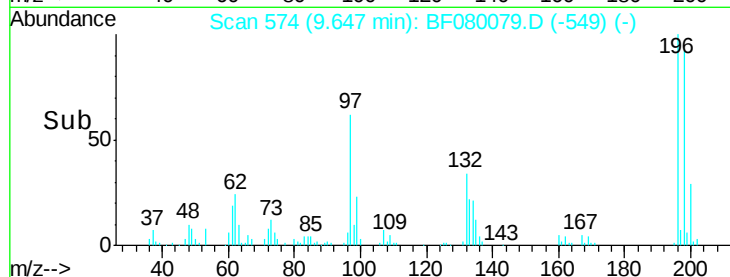
#43
 2,4,5-Trichlorophenol
 Concen: 41.63 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion:	196	Resp:	82073
Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.4	113.0
97	61.9	33.3	49.9#
132	33.5	24.6	37.0

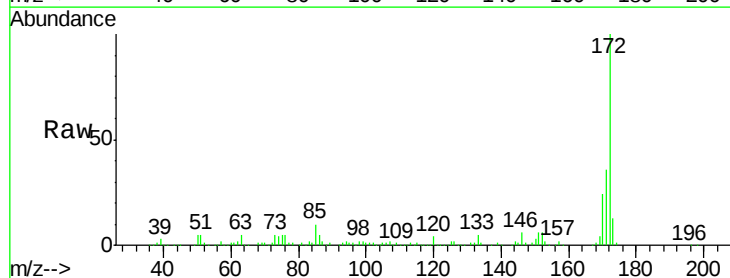


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

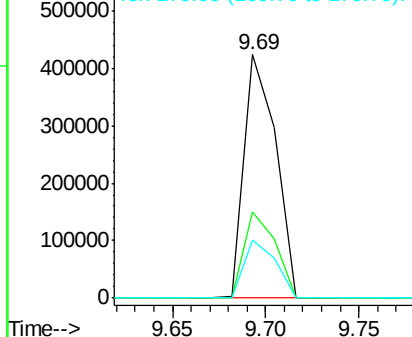
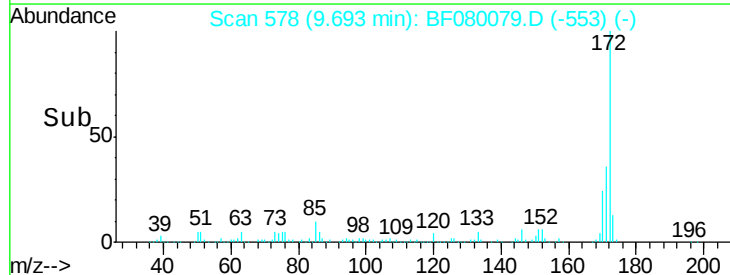


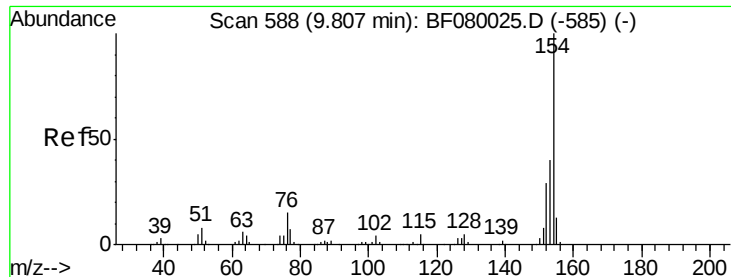
#44
 2-Fluorobiphenyl
 Concen: 81.85 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion:	172	Resp:	496025
Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	23.7	17.4	26.2



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: 41.54 ng

RT: 9.81 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

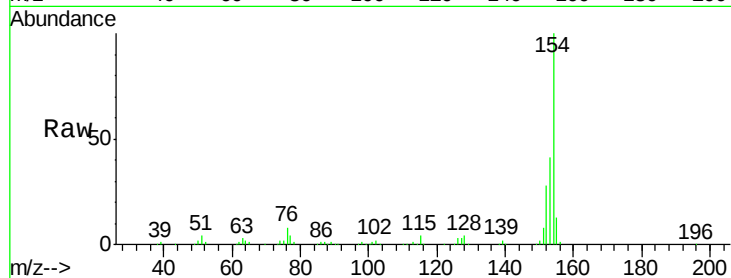
Tgt Ion:154 Resp: 292098

Ion Ratio Lower Upper

154 100

153 40.7 17.1 57.1

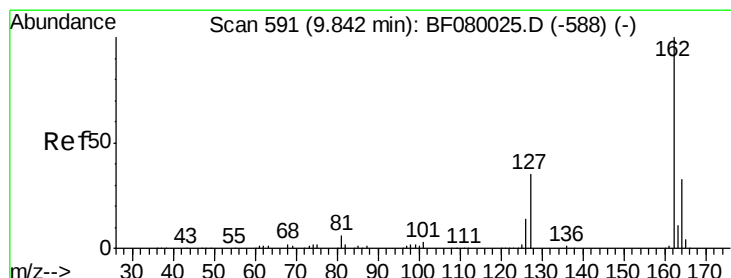
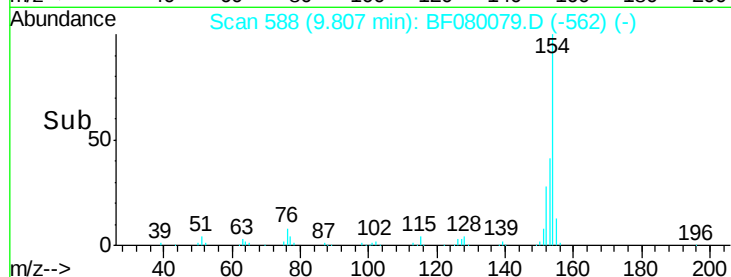
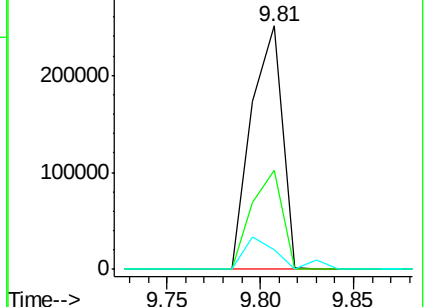
76 8.0 0.0 31.6



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: 41.40 ng

RT: 9.83 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

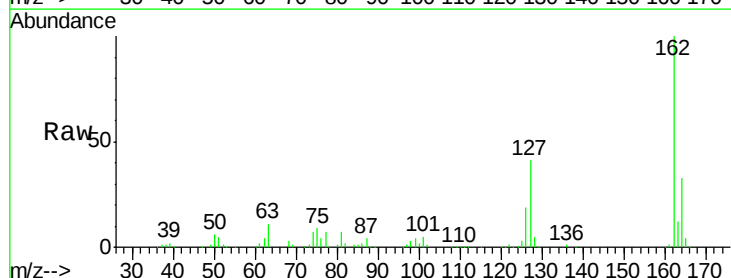
Tgt Ion:162 Resp: 236228

Ion Ratio Lower Upper

162 100

127 41.3 27.6 41.4

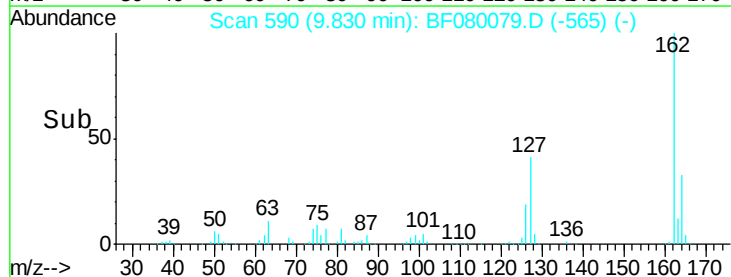
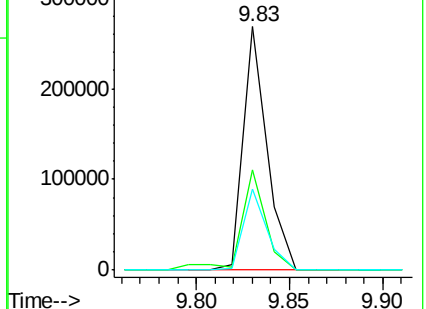
164 33.1 25.4 38.2

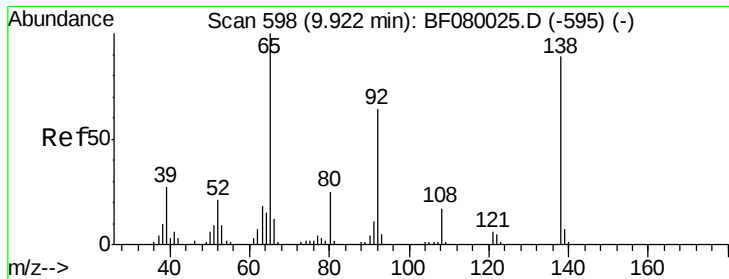


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.72 ng

RT: 9.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

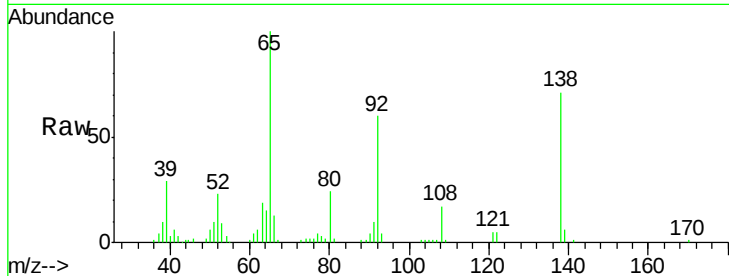
Tgt Ion: 65 Resp: 66907

Ion Ratio Lower Upper

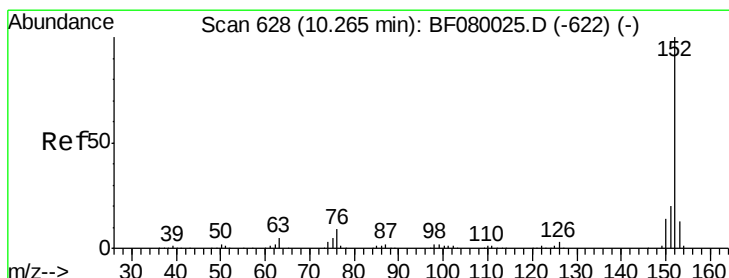
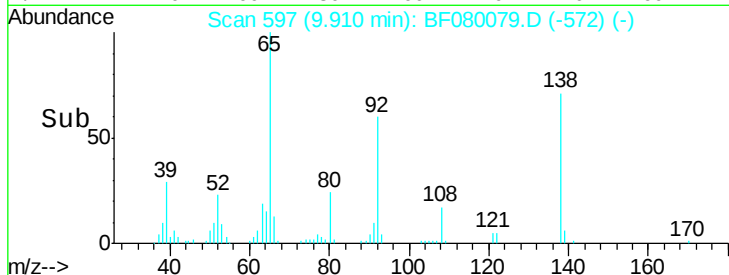
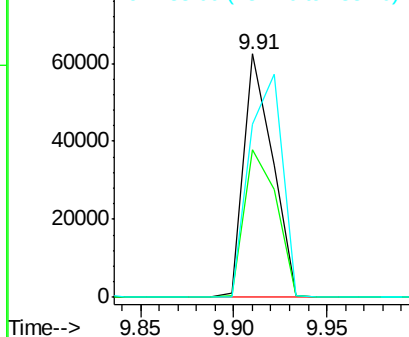
65 100

92 60.4 55.4 83.0

138 71.3 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 42.59 ng

RT: 10.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

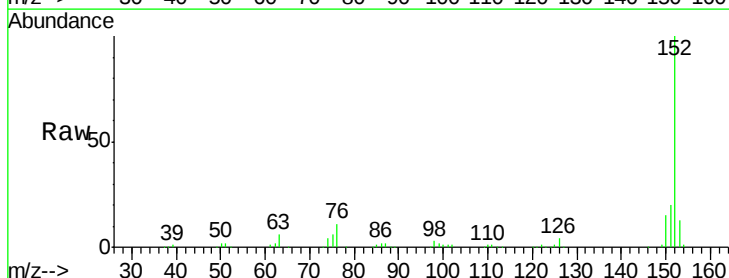
Tgt Ion: 152 Resp: 405546

Ion Ratio Lower Upper

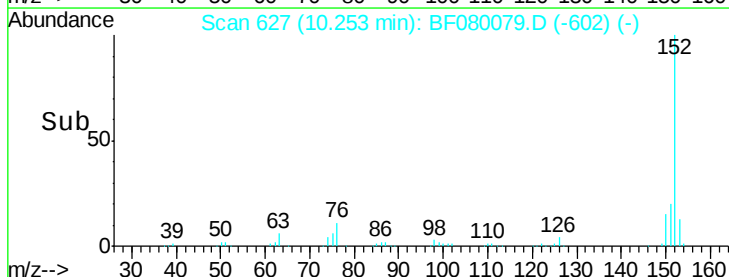
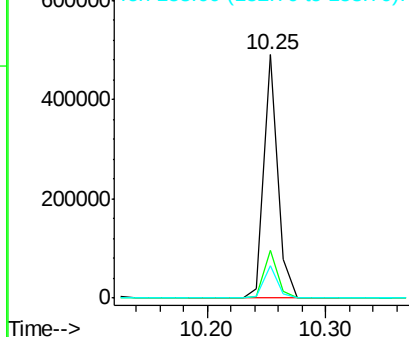
152 100

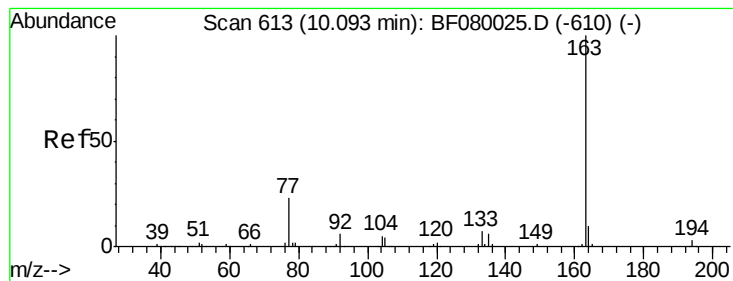
151 19.7 14.6 22.0

153 13.4 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 47.81 ng

RT: 10.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

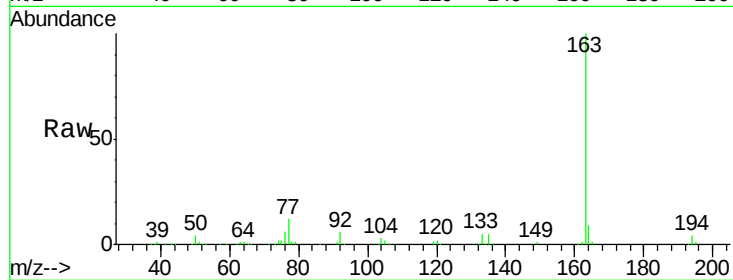
Tgt Ion:163 Resp: 310657

Ion Ratio Lower Upper

163 100

194 3.9 4.4 6.6#

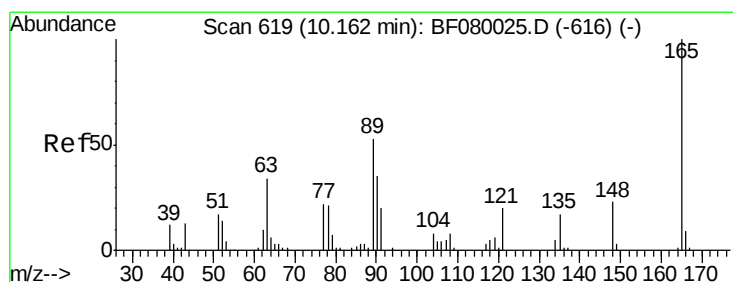
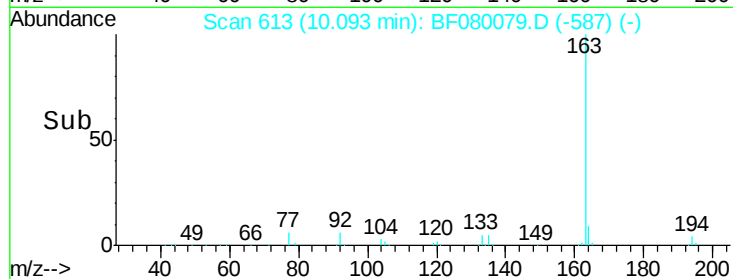
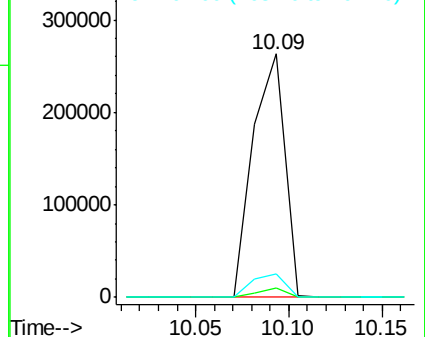
164 9.5 8.3 12.5



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: 44.32 ng

RT: 10.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

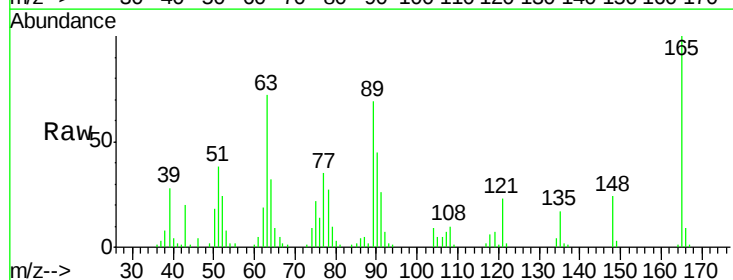
Tgt Ion:165 Resp: 57727

Ion Ratio Lower Upper

165 100

63 72.0 32.3 48.5#

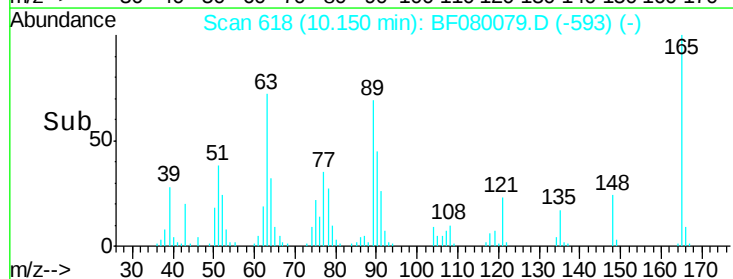
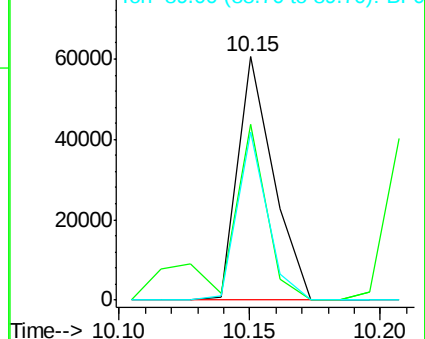
89 68.8 28.6 43.0#

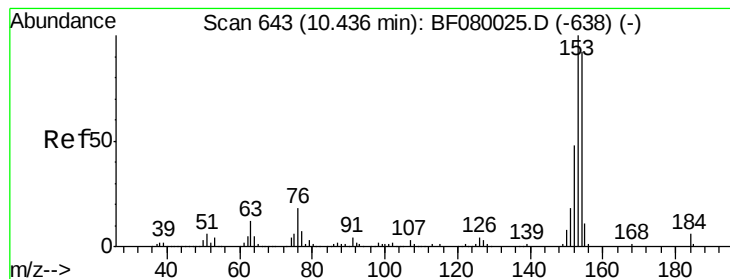


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.64 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

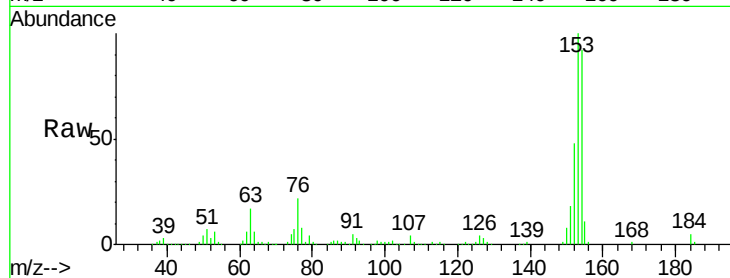
Tgt Ion:154 Resp: 254252

Ion Ratio Lower Upper

154 100

153 108.1 82.1 123.1

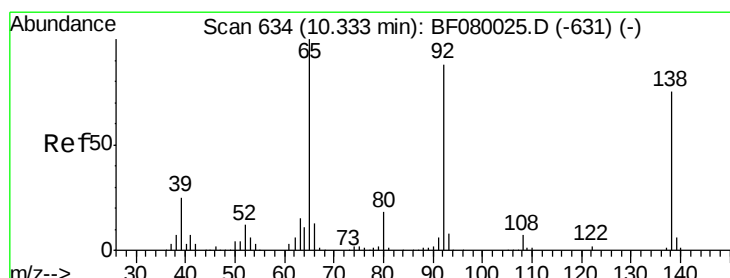
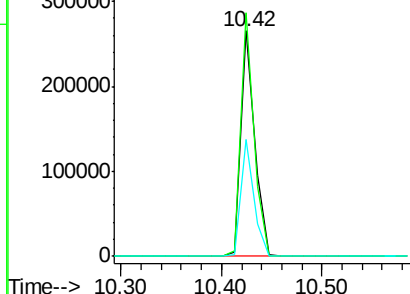
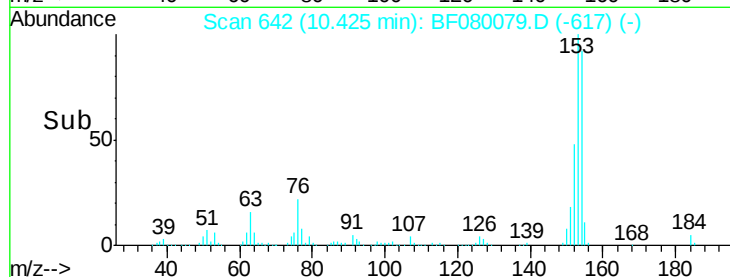
152 52.0 37.9 56.9



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: 38.92 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

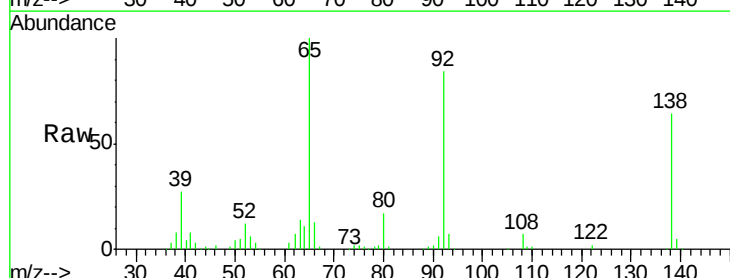
Tgt Ion:138 Resp: 58488

Ion Ratio Lower Upper

138 100

108 11.3 5.7 8.5#

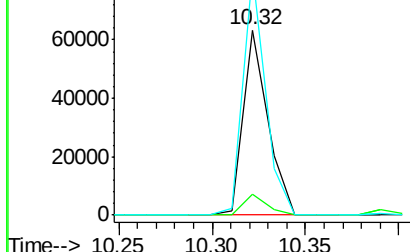
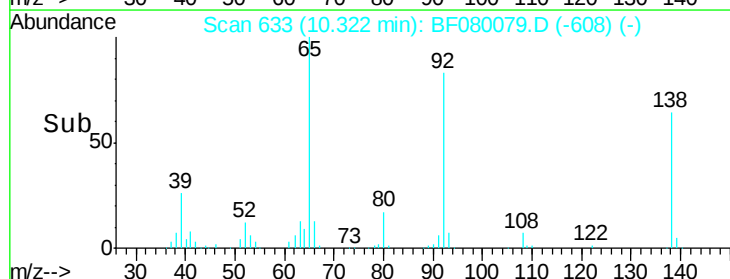
92 131.5 67.7 101.5#

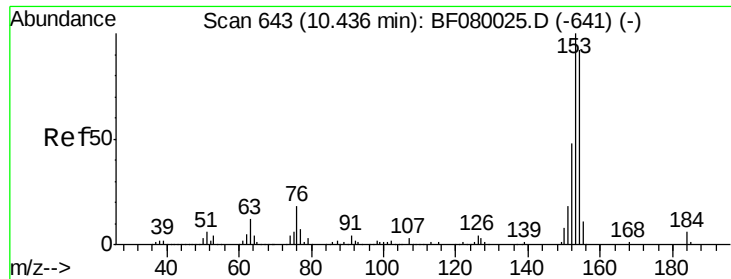


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

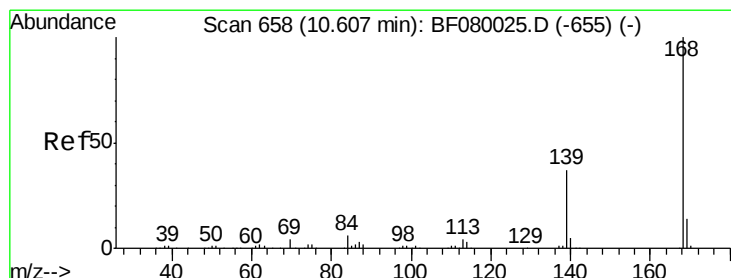
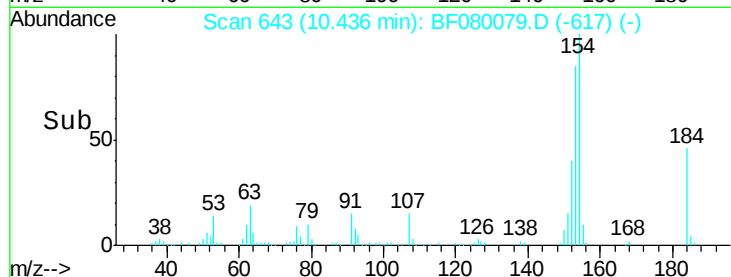
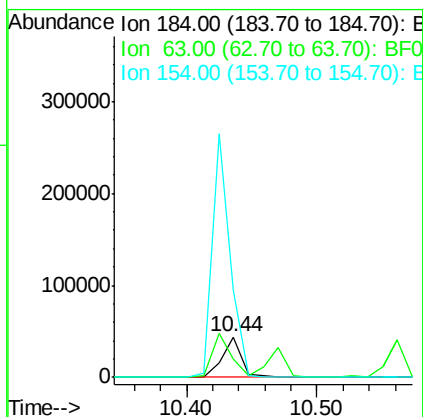
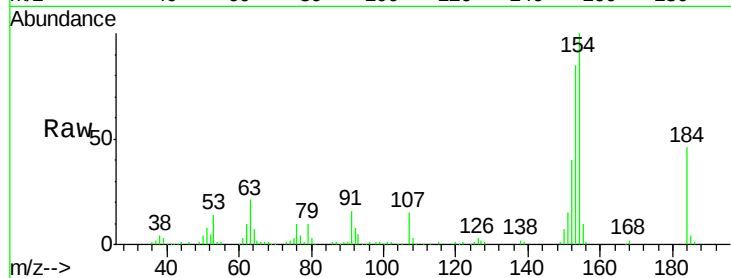




#53
2,4-Dinitrophenol
Concen: 85.11 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

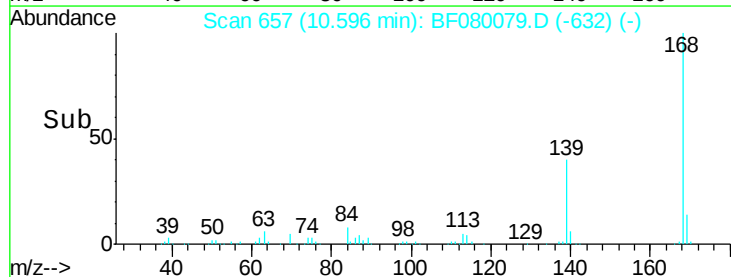
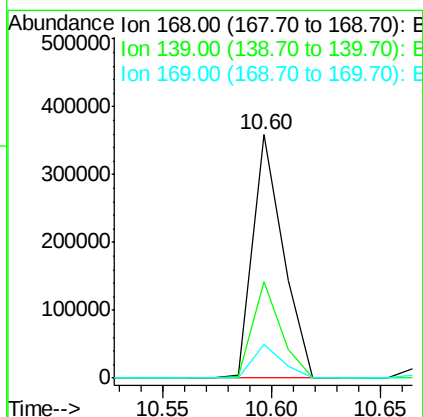
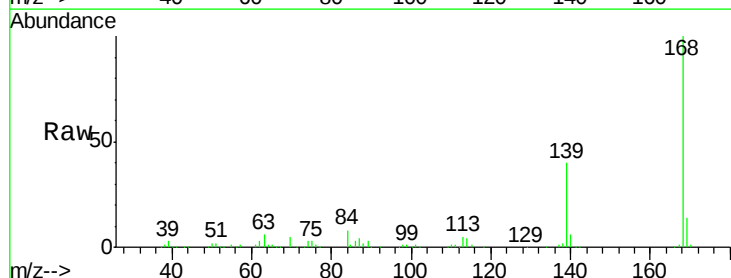
Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion:184 Resp: 45336
Ion Ratio Lower Upper
184 100
63 44.6 35.4 53.2
154 216.2 32.2 48.4#



#54
Dibenzofuran
Concen: 42.15 ng
RT: 10.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion:168 Resp: 348466
Ion Ratio Lower Upper
168 100
139 39.7 24.2 36.2#
169 13.9 10.6 15.8

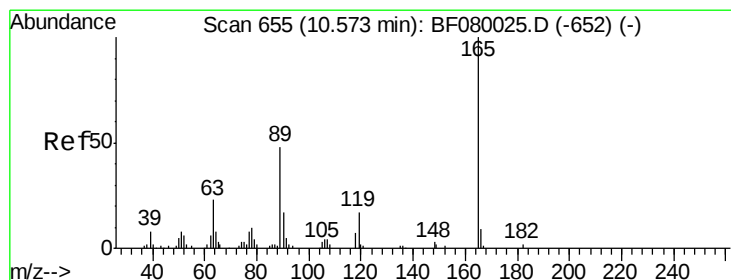
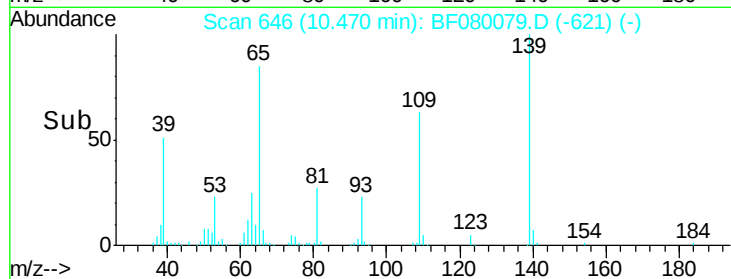
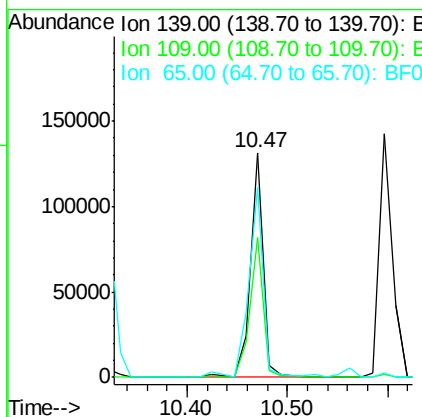
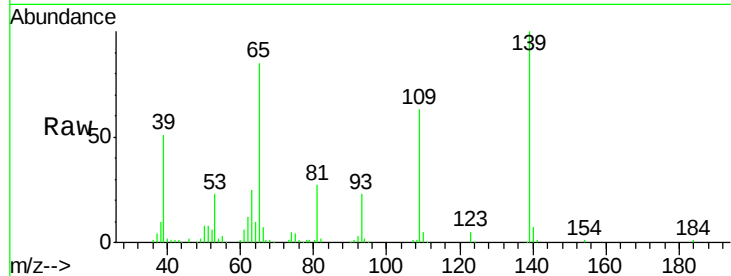




#55
4-Nitrophenol
Concen: 96.66 ng
RT: 10.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

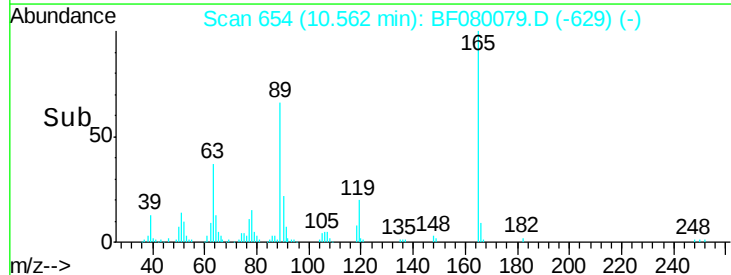
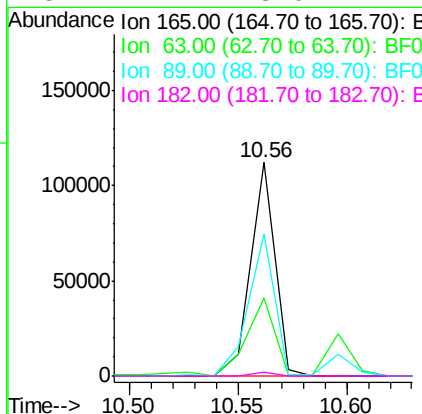
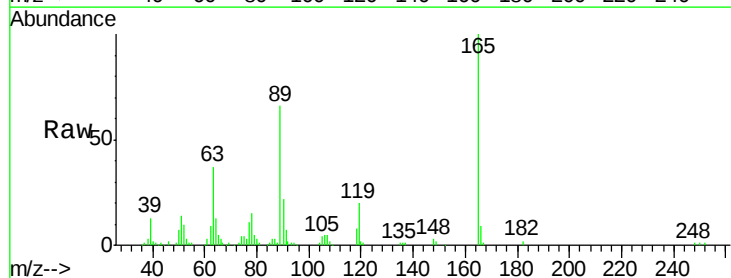
Instrument :
BNA_F
ClientSampleId :
PE-2MS

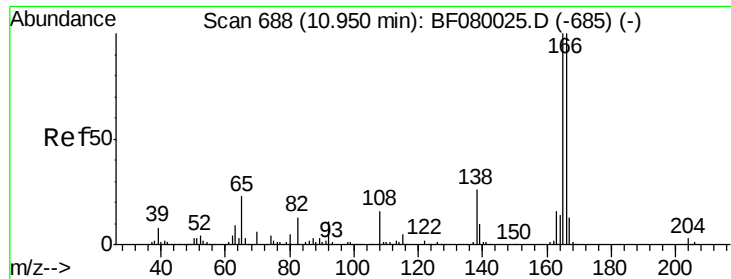
Tgt Ion:139 Resp: 116124
Ion Ratio Lower Upper
139 100
109 62.5 12.7 52.7#
65 84.8 45.9 85.9



#56
2,4-Dinitrotoluene
Concen: 52.66 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion:165 Resp: 87052
Ion Ratio Lower Upper
165 100
63 36.6 29.8 44.6
89 66.3 44.5 66.7
182 2.1 3.0 4.4#





#57

Fluorene

Concen: 44.99 ng

RT: 10.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

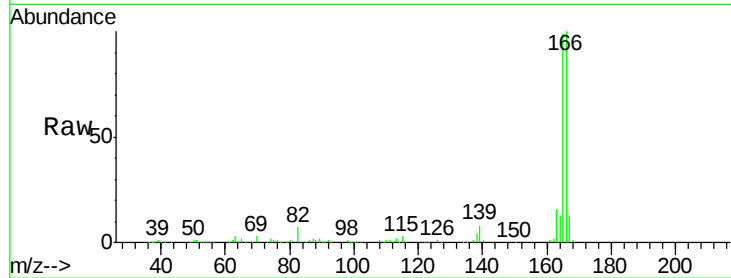
Tgt Ion:166 Resp: 295109

Ion Ratio Lower Upper

166 100

165 98.5 72.6 109.0

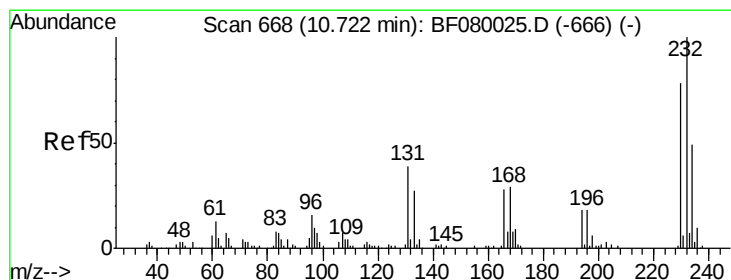
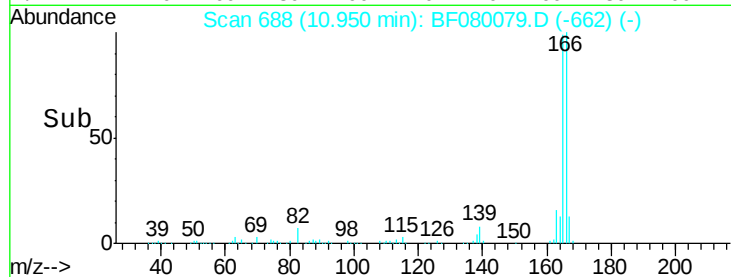
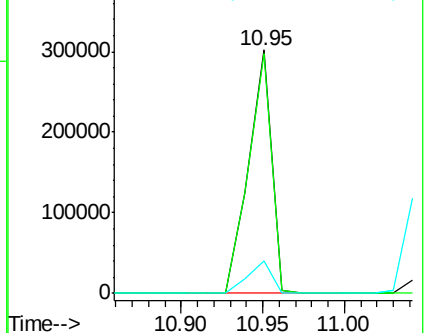
167 13.2 10.6 16.0



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: 42.69 ng

RT: 10.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion:232 Resp: 71055

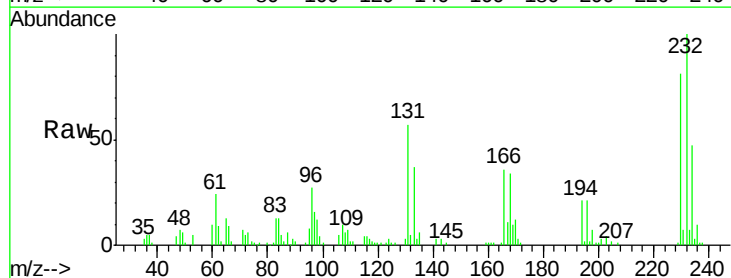
Ion Ratio Lower Upper

232 100

131 49.0 38.5 57.7

130 2.2 1.8 2.6

166 31.9 25.0 37.6

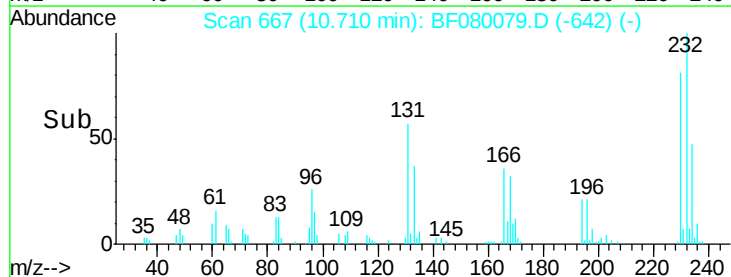
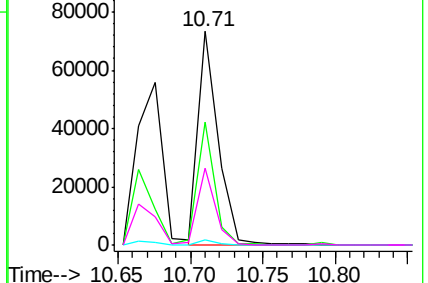


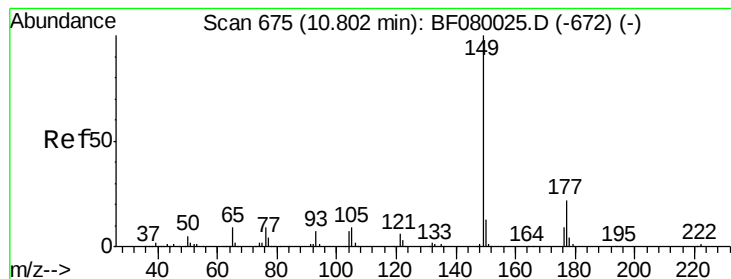
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.42 ng

RT: 10.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

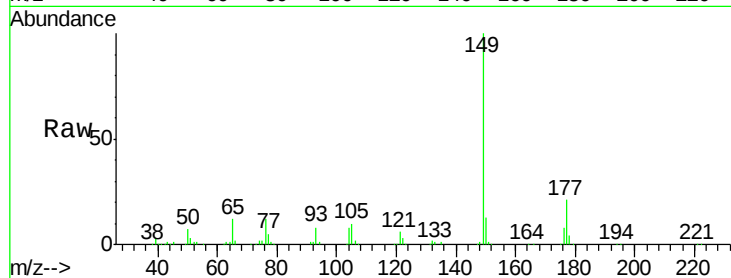
Tgt Ion:149 Resp: 284060

Ion Ratio Lower Upper

149 100

177 20.7 17.5 26.3

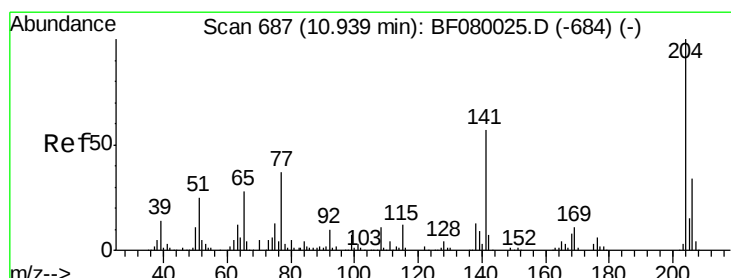
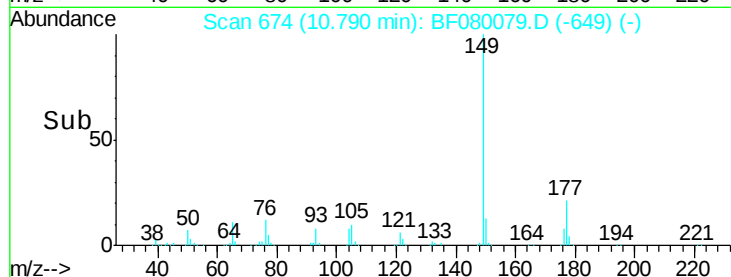
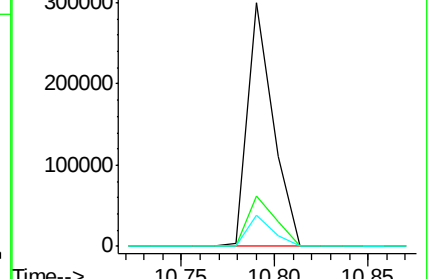
150 12.6 9.4 14.2



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: 43.52 ng

RT: 10.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

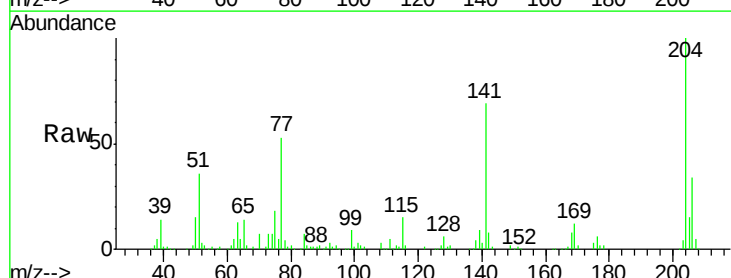
Tgt Ion:204 Resp: 137190

Ion Ratio Lower Upper

204 100

206 33.9 24.8 37.2

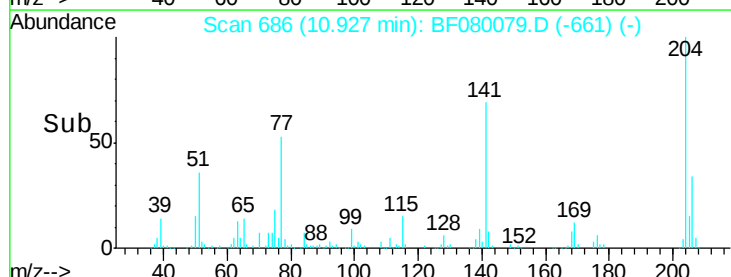
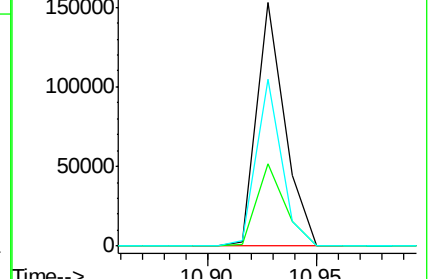
141 68.7 42.2 63.4#



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: 45.41 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

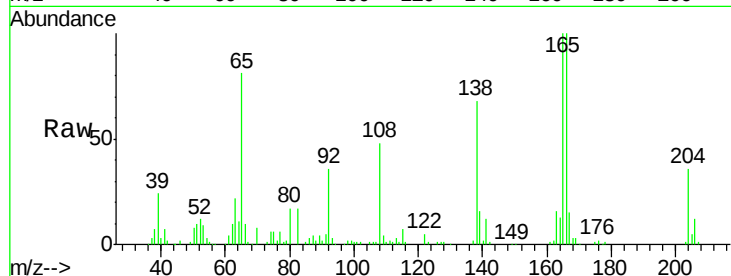
Tgt Ion:138 Resp: 70485

Ion Ratio Lower Upper

138 100

92 52.8 12.6 52.6#

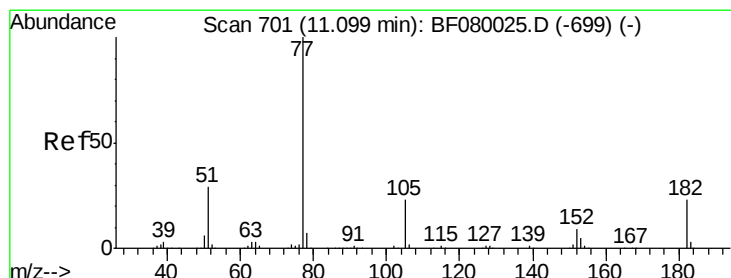
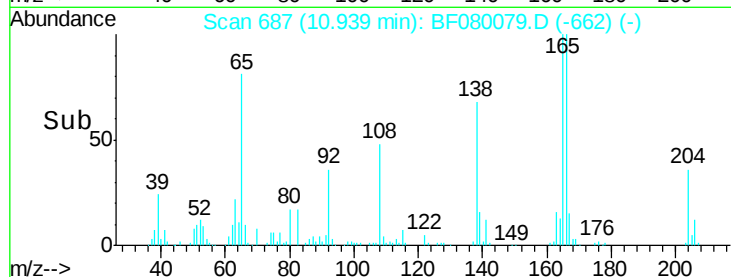
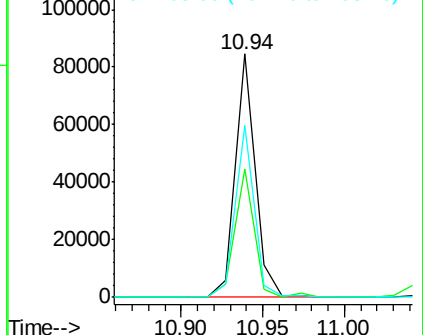
108 70.4 12.4 52.4#



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: 45.40 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion: 77 Resp: 302371

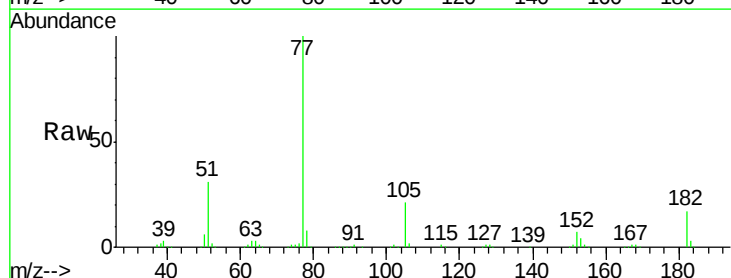
Ion Ratio Lower Upper

77 100

182 17.5 15.1 55.1

105 21.2 3.4 43.4

51 30.7 12.0 52.0

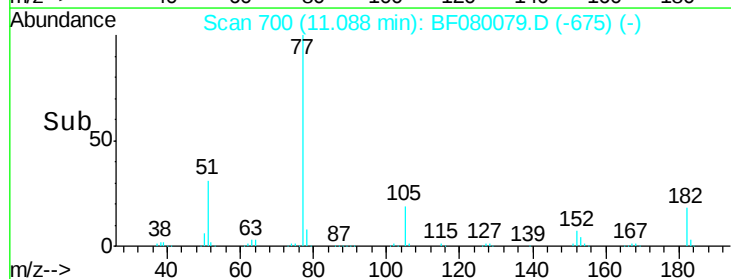
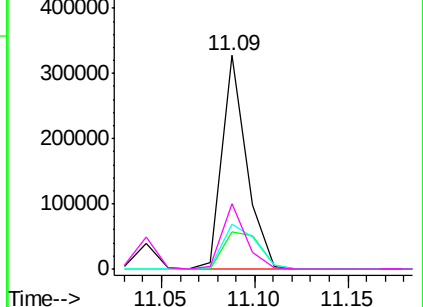


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

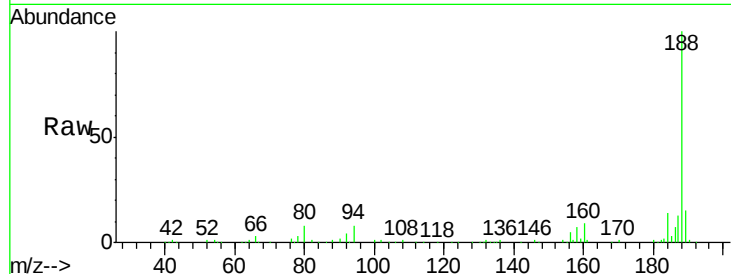




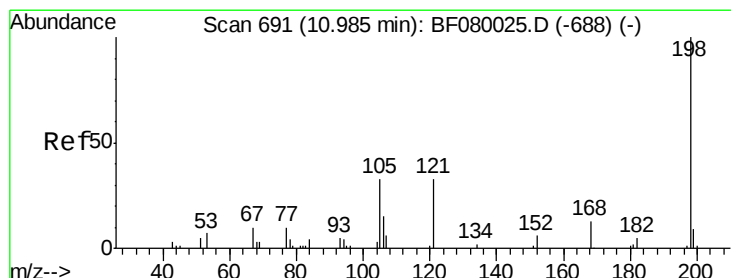
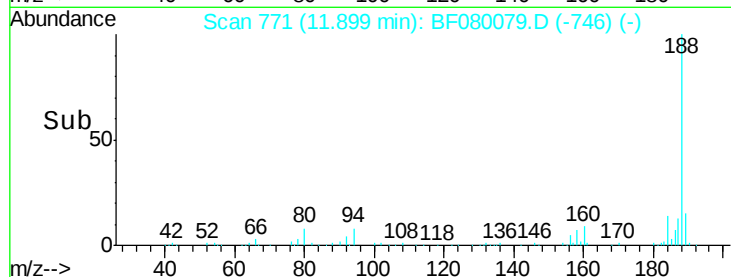
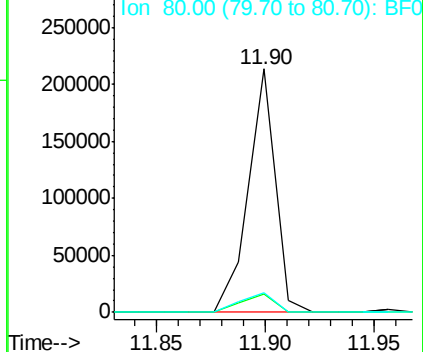
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion:188 Resp: 184104
 Ion Ratio Lower Upper
 188 100
 94 7.7 11.1 16.7#
 80 8.2 11.0 16.4#

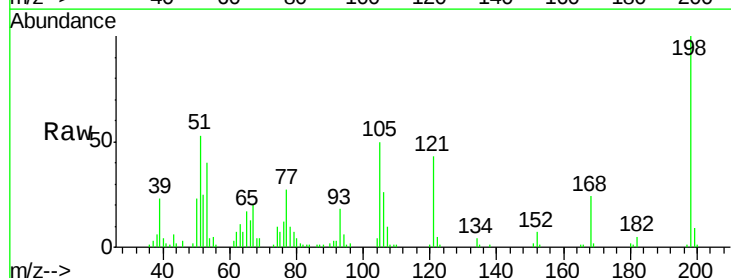


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

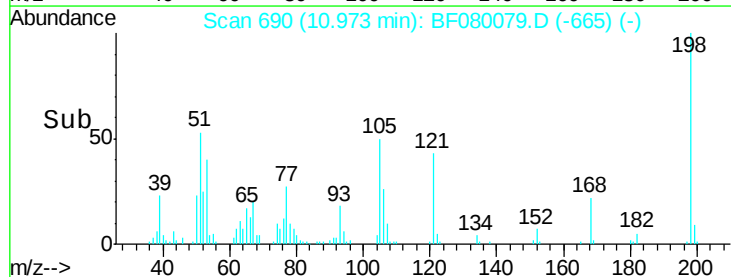
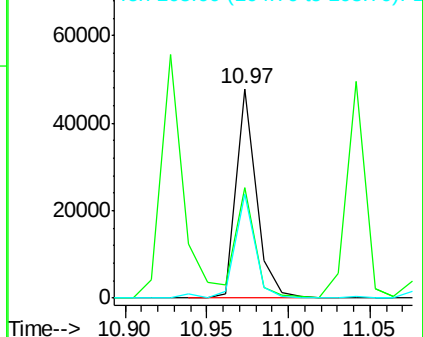


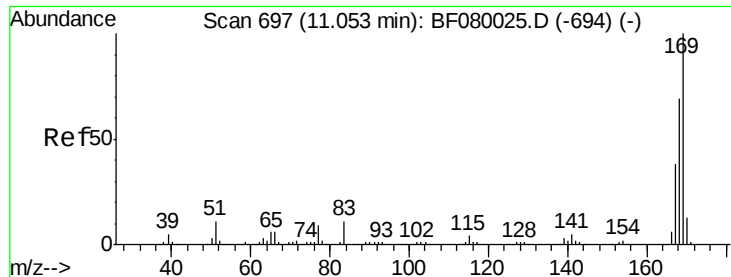
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.69 ng
 RT: 10.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion:198 Resp: 40352
 Ion Ratio Lower Upper
 198 100
 51 52.6 39.6 79.6
 105 49.6 28.5 68.5



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

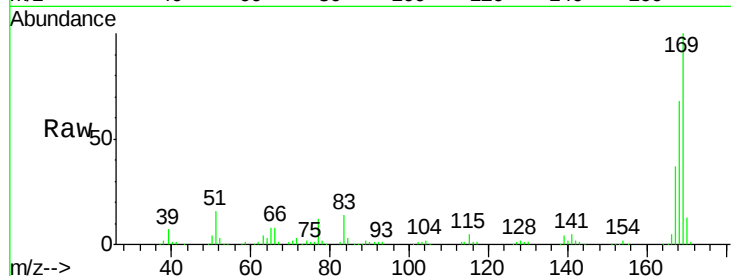




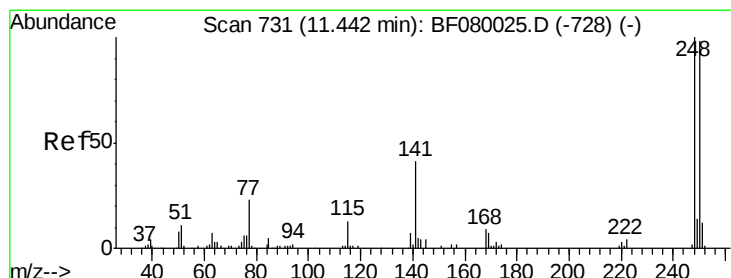
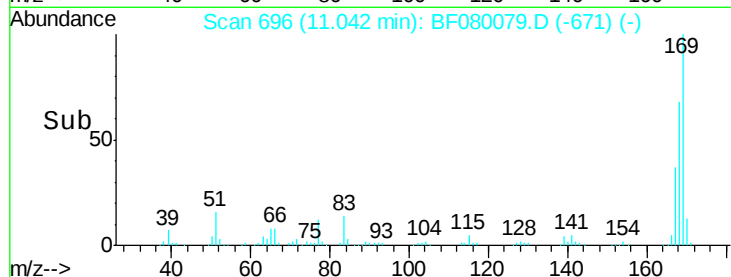
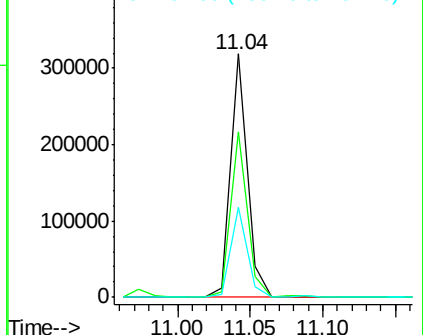
#65
 n-Nitrosodiphenylamine
 Concen: 42.69 ng
 RT: 11.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion:169 Resp: 255941
 Ion Ratio Lower Upper
 169 100
 168 67.9 48.9 73.3
 167 37.2 26.2 39.4

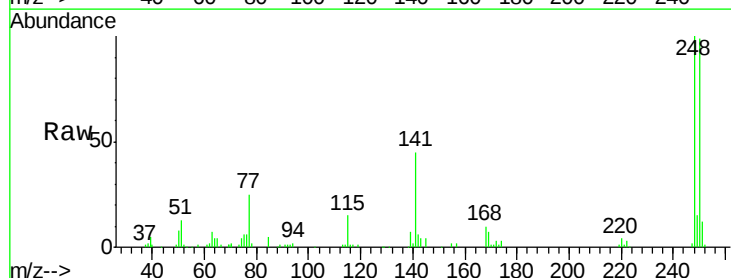


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

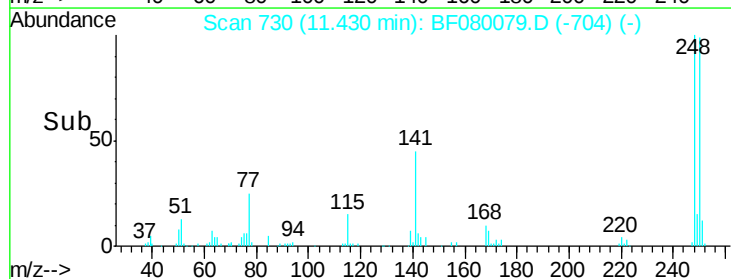
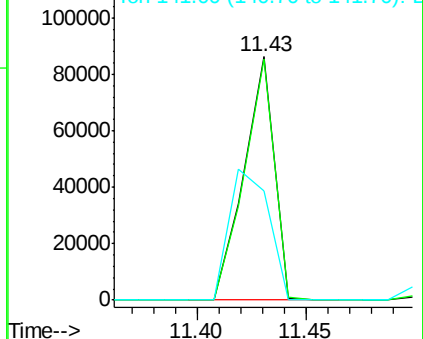


#66
 4-Bromophenyl-phenylether
 Concen: 42.54 ng
 RT: 11.43 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion:248 Resp: 83266
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.5 117.7
 141 44.7 59.0 88.6#



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: 42.69 ng

RT: 11.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

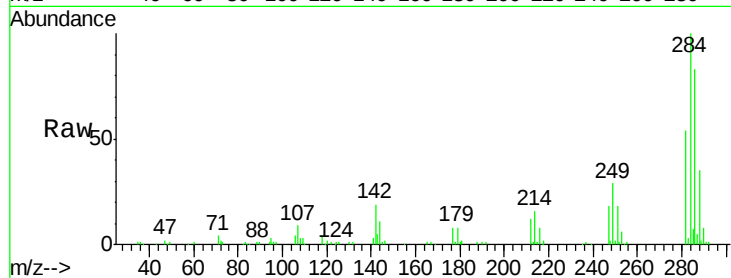
Tgt Ion:284 Resp: 92865

Ion Ratio Lower Upper

284 100

142 19.0 29.5 44.3#

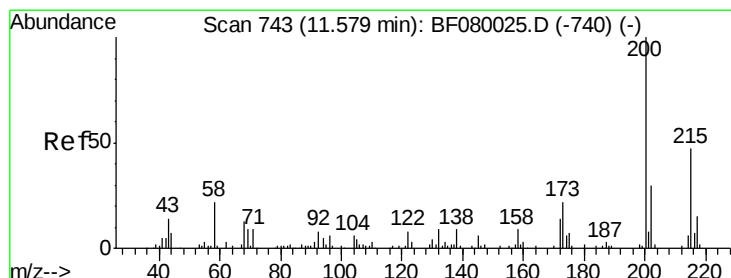
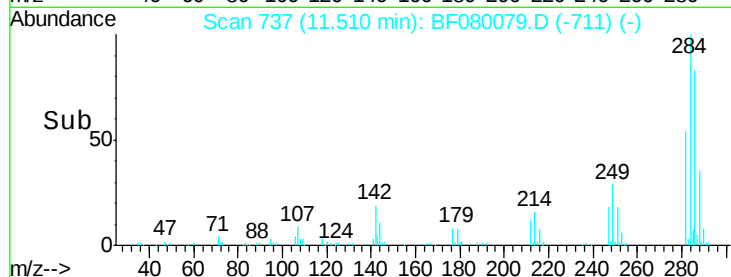
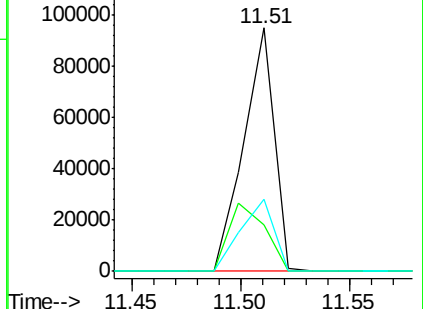
249 29.5 19.5 29.3#



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: 40.18 ng

RT: 11.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

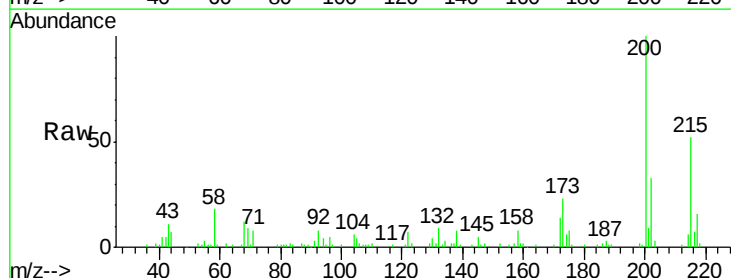
Tgt Ion:200 Resp: 76093

Ion Ratio Lower Upper

200 100

173 23.2 13.2 53.2

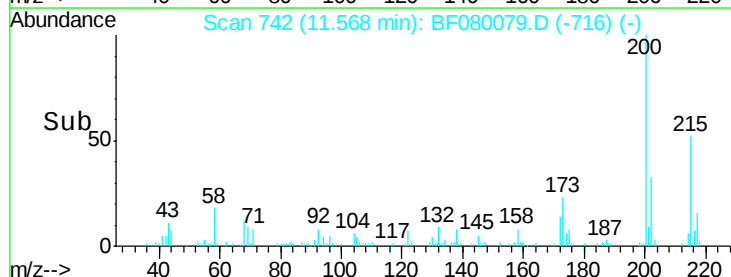
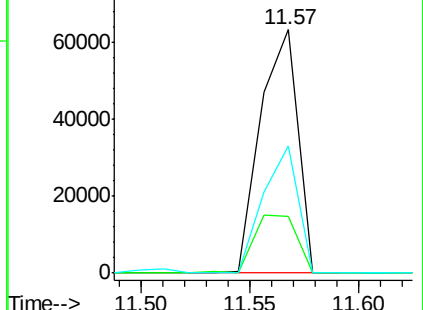
215 52.2 41.8 81.8

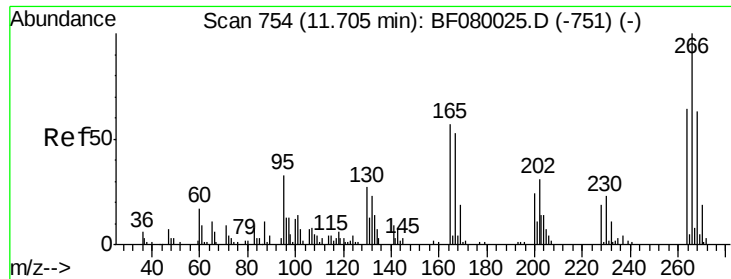


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

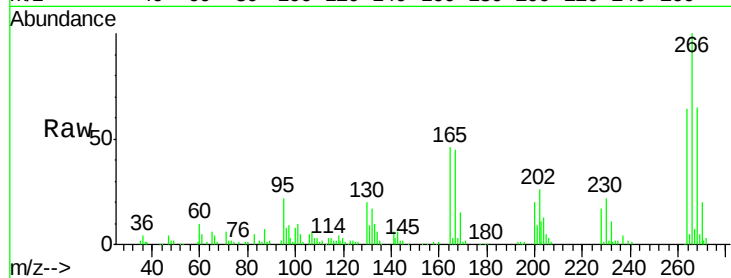




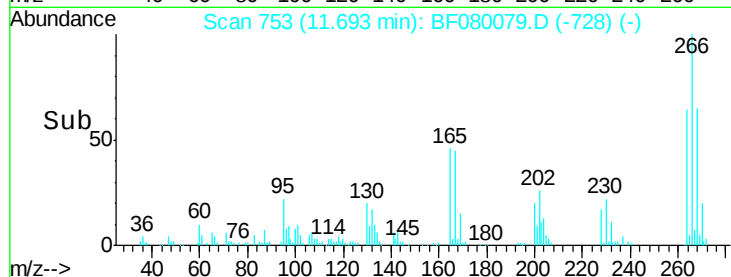
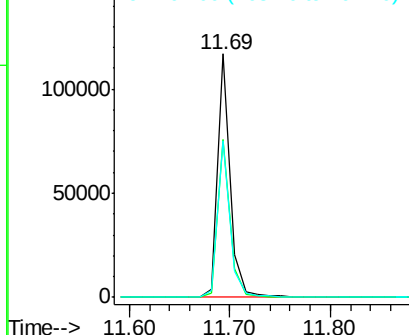
#69
 Pentachlorophenol
 Concen: 82.75 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion:266 Resp: 102018
 Ion Ratio Lower Upper
 266 100
 268 64.8 49.8 74.6
 264 64.2 50.2 75.2

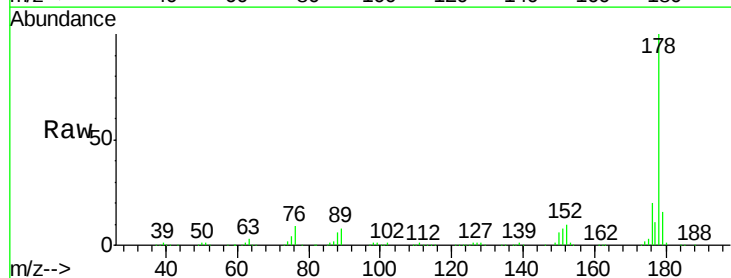


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

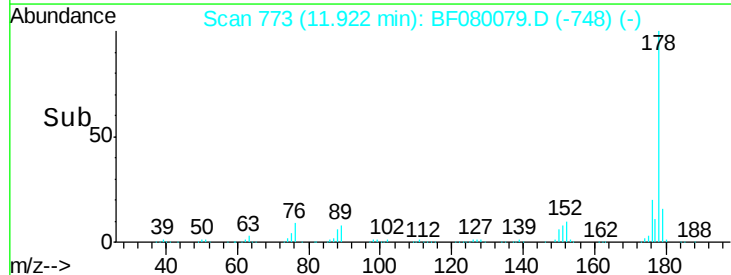
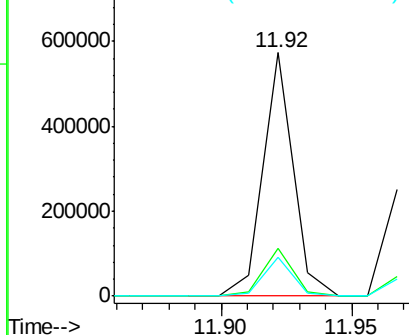


#70
 Phenanthrene
 Concen: 41.90 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion:178 Resp: 467056
 Ion Ratio Lower Upper
 178 100
 176 19.9 13.8 20.8
 179 15.8 12.2 18.2



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

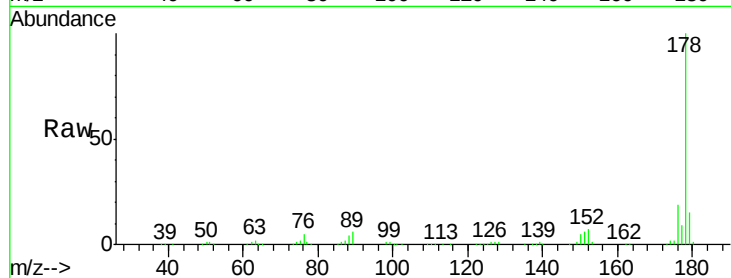




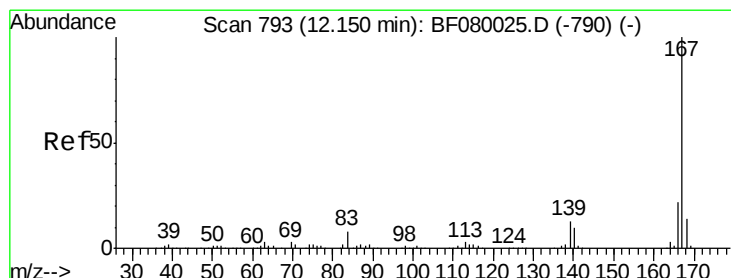
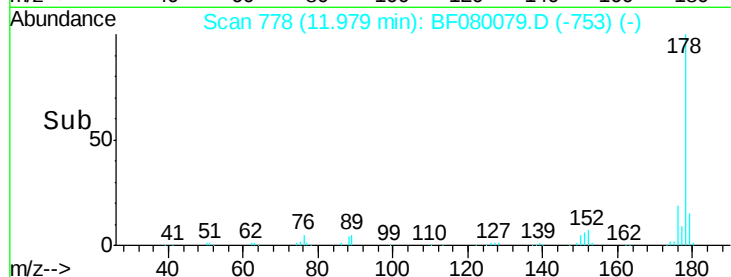
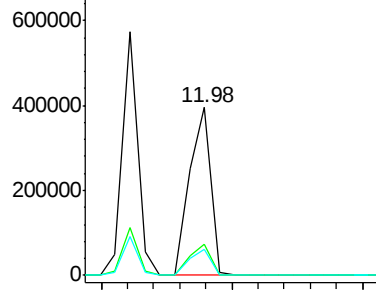
#71
 Anthracene
 Concen: 42.16 ng
 RT: 11.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion:178 Resp: 452418
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.1 21.1
 179 15.2 12.2 18.2

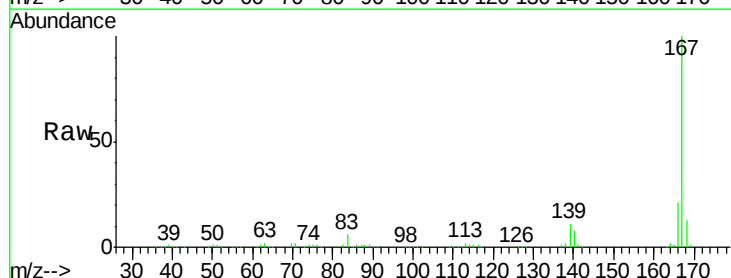


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

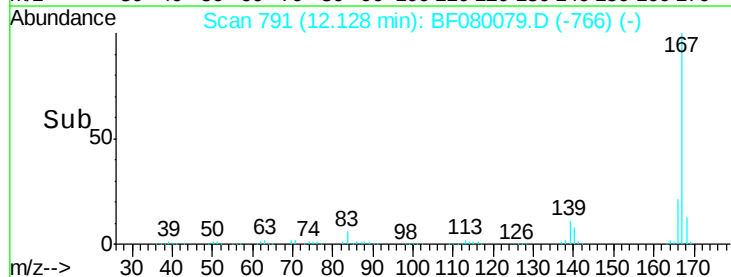
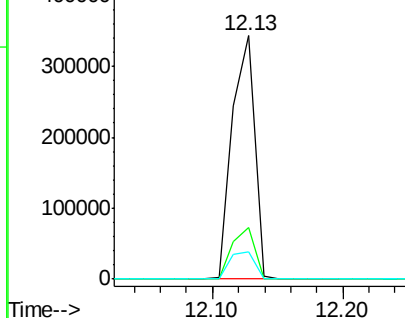


#72
 Carbazole
 Concen: 39.87 ng
 RT: 12.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion:167 Resp: 408515
 Ion Ratio Lower Upper
 167 100
 166 21.2 15.7 23.5
 139 11.1 9.5 14.3



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: 44.32 ng

RT: 12.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

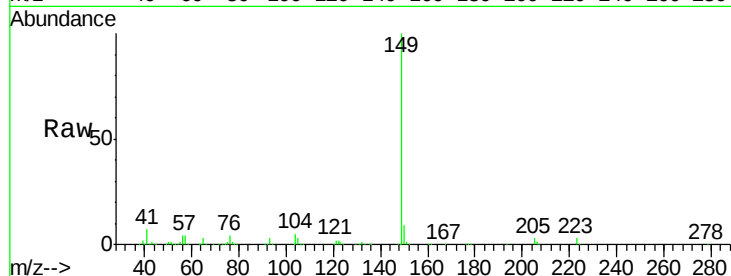
Tgt Ion:149 Resp: 524674

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

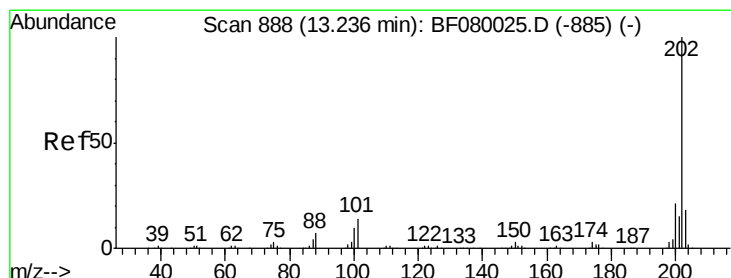
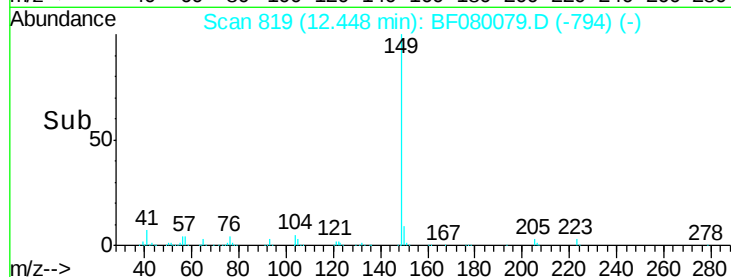
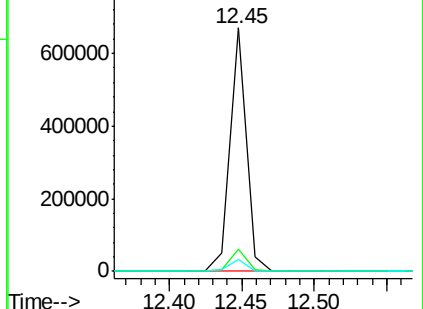
104 4.6 2.4 3.6#



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: 42.40 ng

RT: 13.17 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

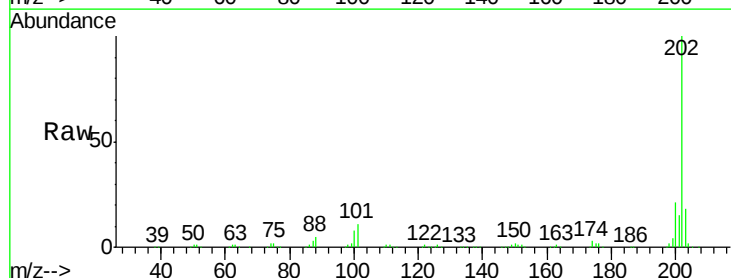
Tgt Ion:202 Resp: 503312

Ion Ratio Lower Upper

202 100

101 11.0 0.0 38.3

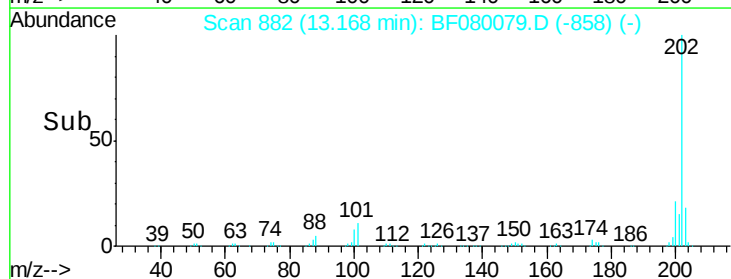
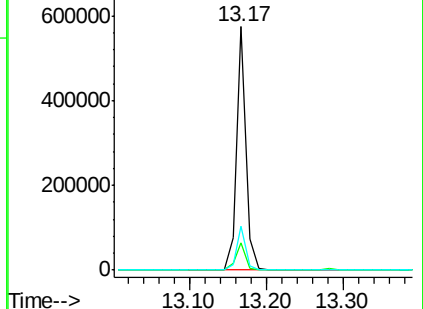
203 18.3 0.0 37.3

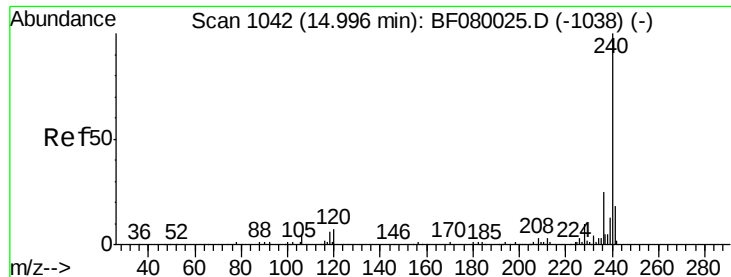


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.81 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

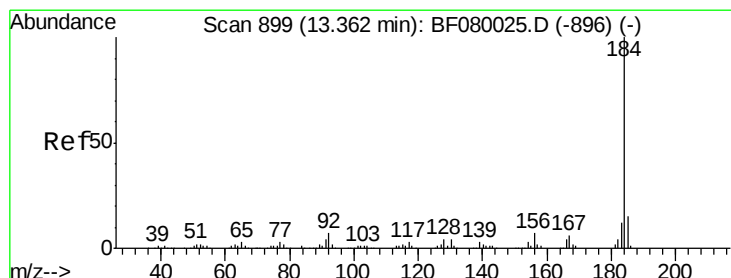
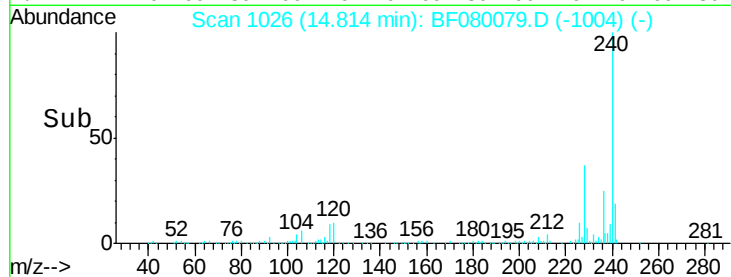
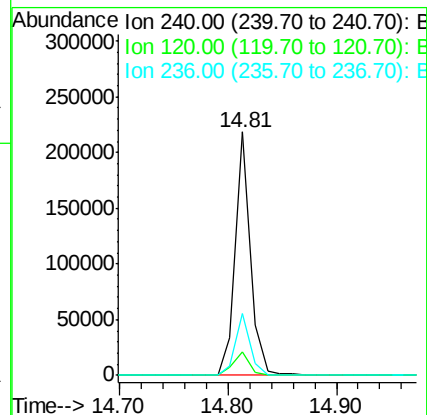
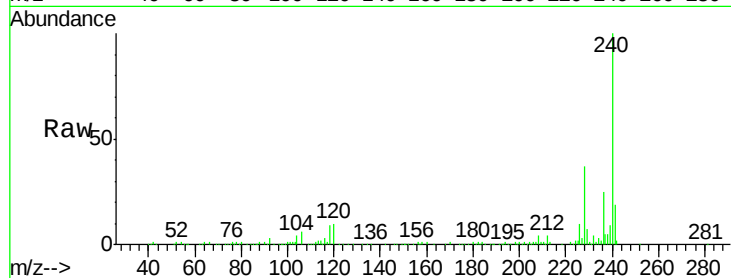
Tgt Ion:240 Resp: 209126

Ion Ratio Lower Upper

240 100

120 9.7 16.2 24.2#

236 25.4 18.4 27.6



#76

Benzidine

Concen: 54.32 ng

RT: 13.28 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

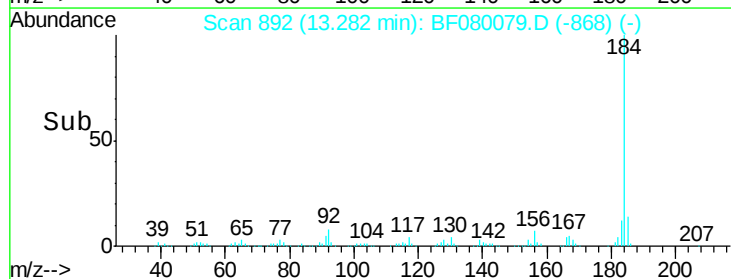
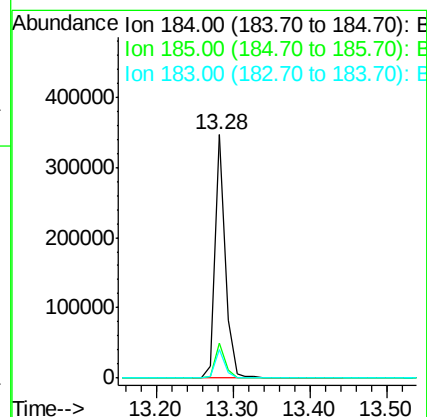
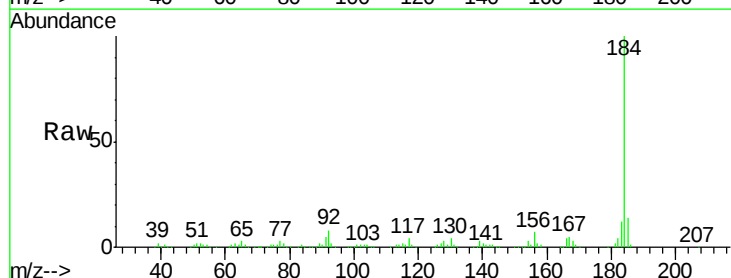
Tgt Ion:184 Resp: 317504

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

183 11.5 7.6 11.4#

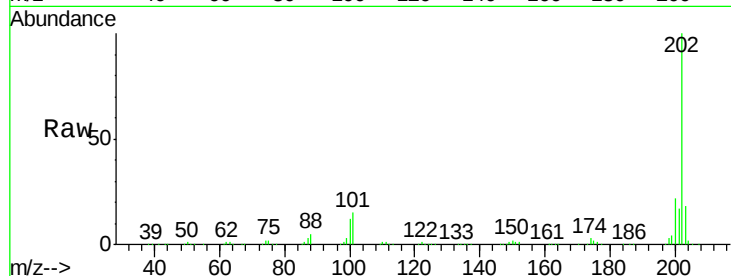




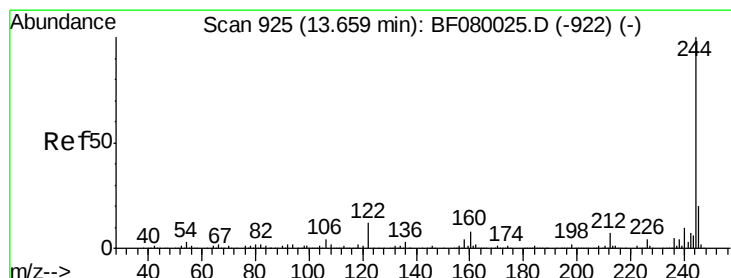
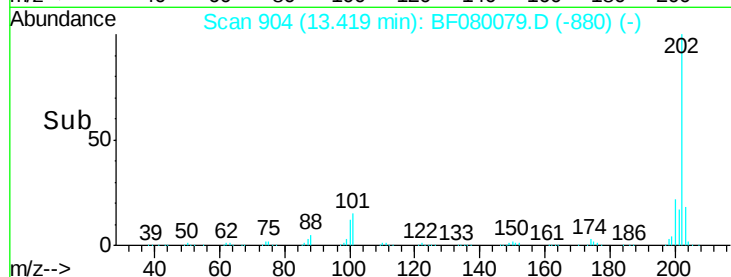
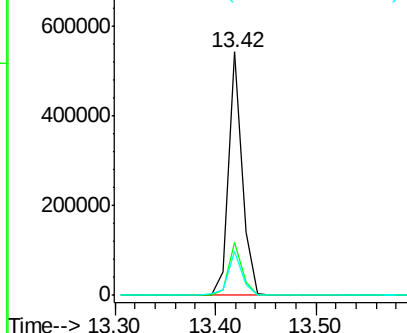
#77
 Pyrene
 Concen: 39.89 ng
 RT: 13.42 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion: 202 Resp: 513588
 Ion Ratio Lower Upper
 202 100
 200 21.6 15.0 22.4
 203 17.9 14.1 21.1

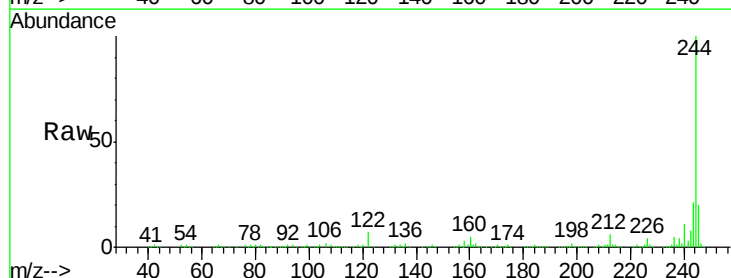


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

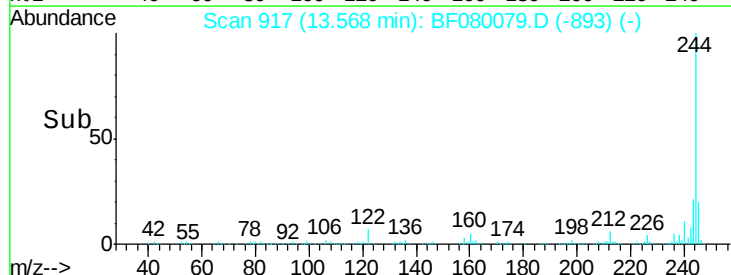
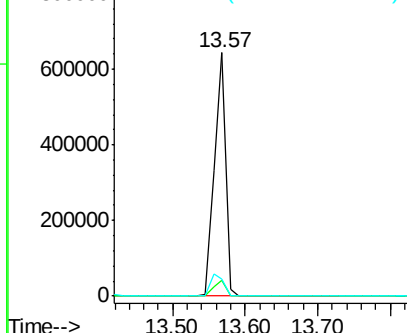


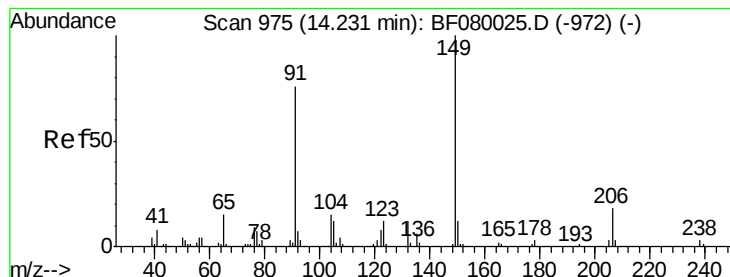
#78
 Terphenyl-d14
 Concen: 77.35 ng
 RT: 13.57 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion: 244 Resp: 692616
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.3 6.5#
 122 7.0 17.4 26.2#



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: 41.61 ng

RT: 14.09 min Scan# 963

Delta R.T. -0.05 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

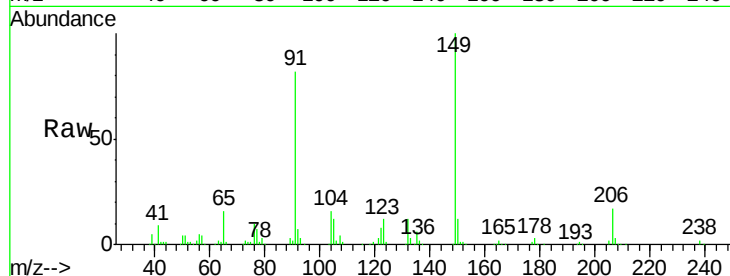
Tgt Ion:149 Resp: 215133

Ion Ratio Lower Upper

149 100

91 81.6 48.6 72.8#

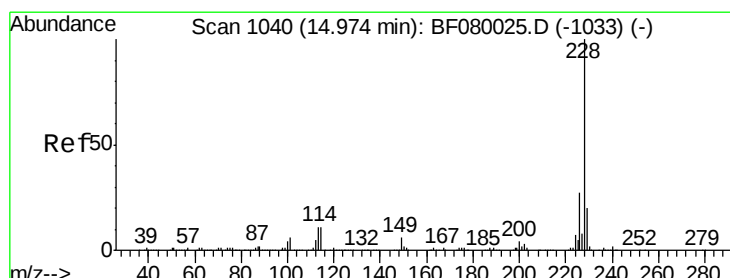
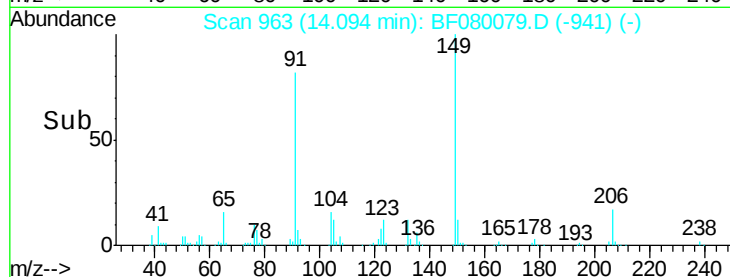
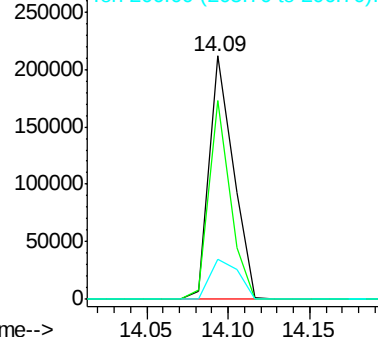
206 16.7 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.78 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

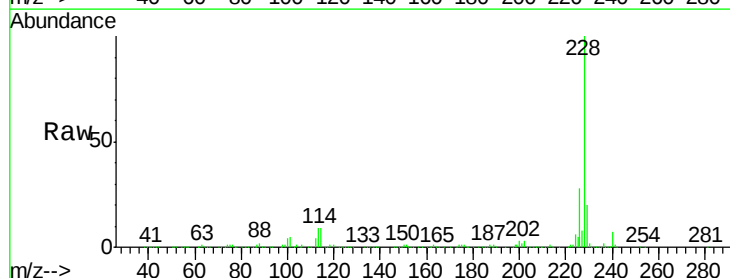
Tgt Ion:228 Resp: 519484

Ion Ratio Lower Upper

228 100

226 28.2 20.0 30.0

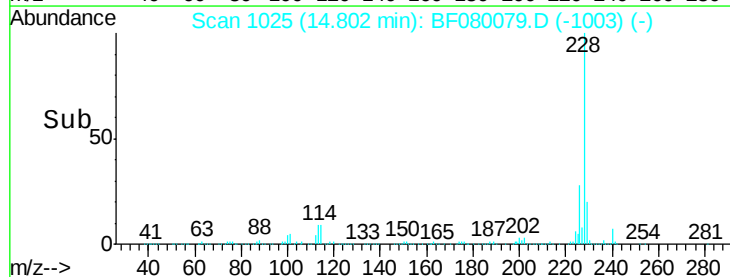
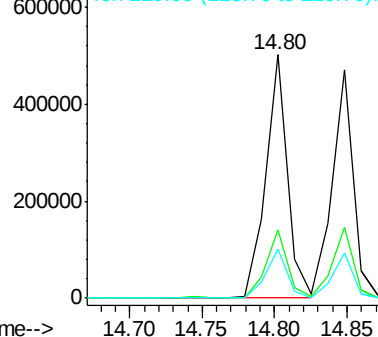
229 19.9 15.4 23.2



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

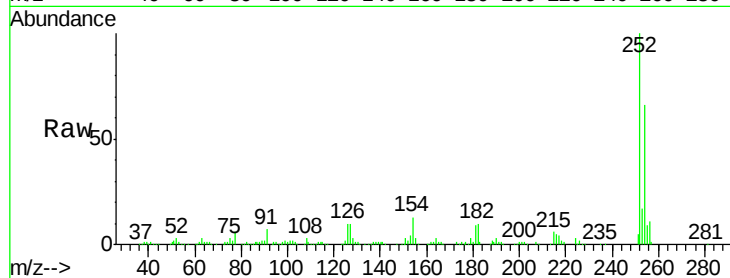




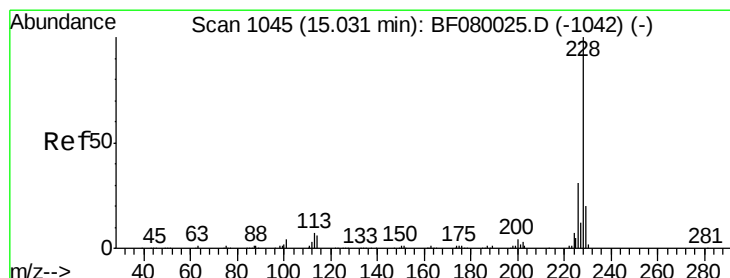
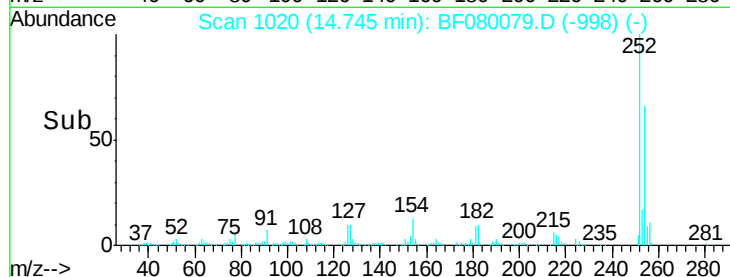
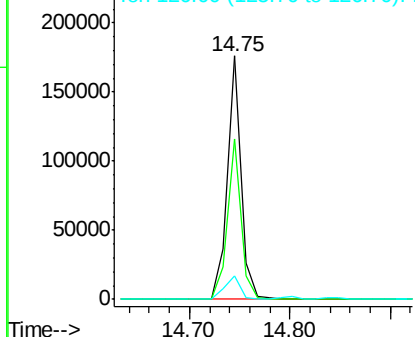
#81
 3,3'-Dichlorobenzidine
 Concen: 38.08 ng
 RT: 14.75 min Scan# 1020
 Delta R.T. -0.05 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion: 252 Resp: 167323
 Ion Ratio Lower Upper
 252 100
 254 65.8 51.4 77.2
 126 9.9 16.4 24.6#

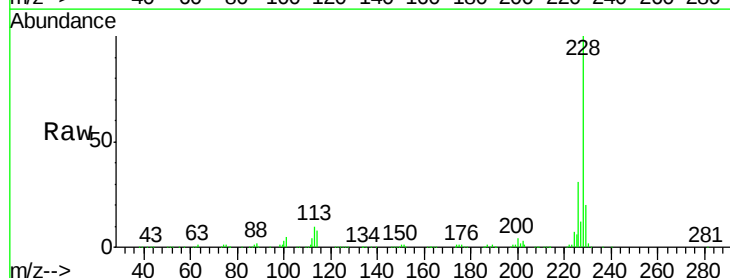


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

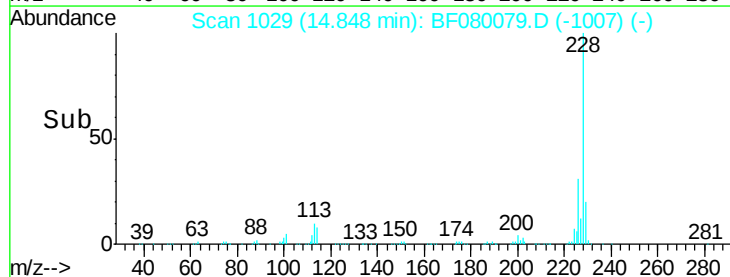
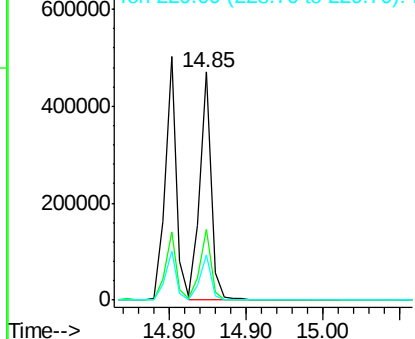


#82
 Chrysene
 Concen: 40.74 ng
 RT: 14.85 min Scan# 1029
 Delta R.T. -0.05 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion: 228 Resp: 478638
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.0 31.4
 229 20.0 15.6 23.4



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

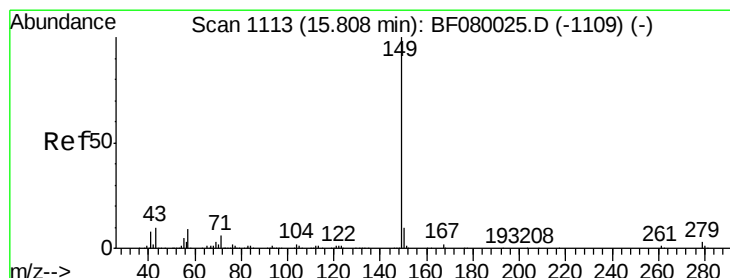
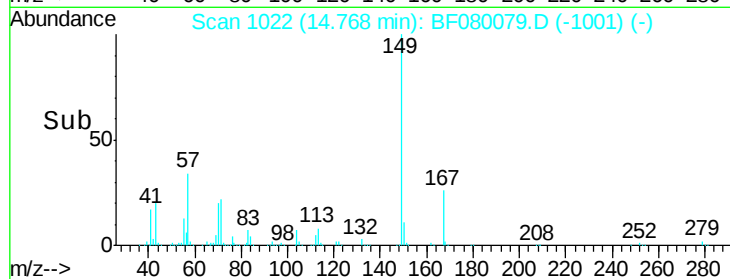
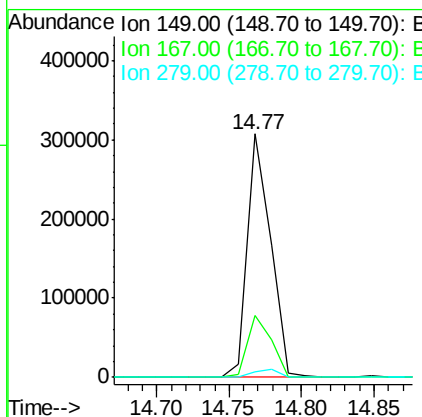
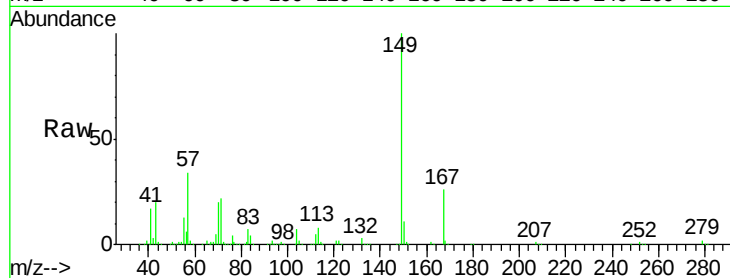




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.98 ng
 RT: 14.77 min Scan# 1022
 Delta R.T. -0.06 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

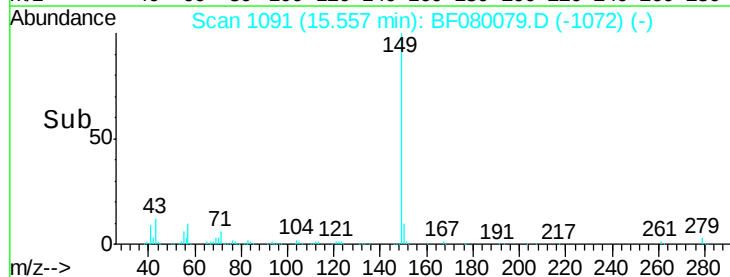
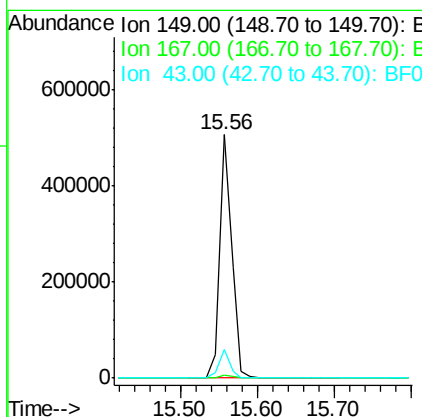
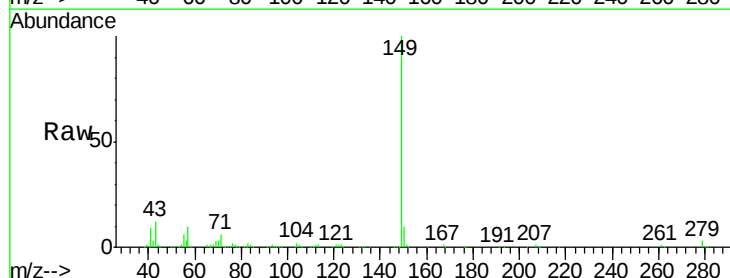
Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion:149 Resp: 343074
 Ion Ratio Lower Upper
 149 100
 167 25.6 24.2 36.2
 279 2.5 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 39.52 ng
 RT: 15.56 min Scan# 1091
 Delta R.T. -0.08 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion:149 Resp: 553397
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 10.7 10.2 15.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.31 ng

RT: 18.52 min Scan# 1350

Delta R.T. -0.10 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

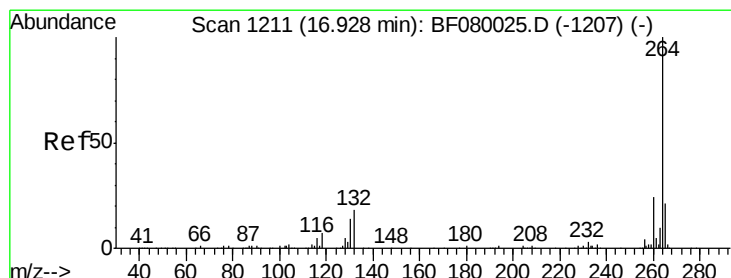
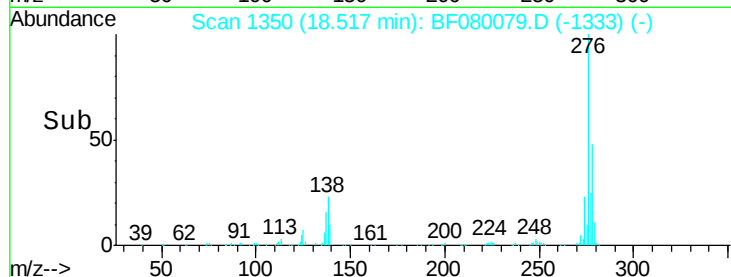
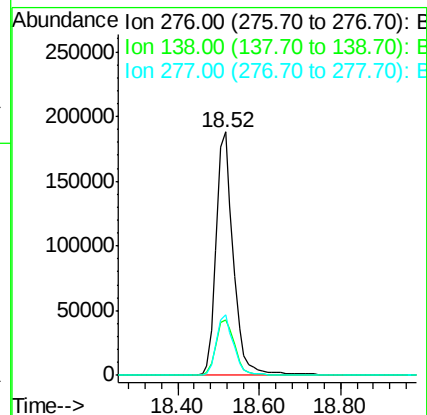
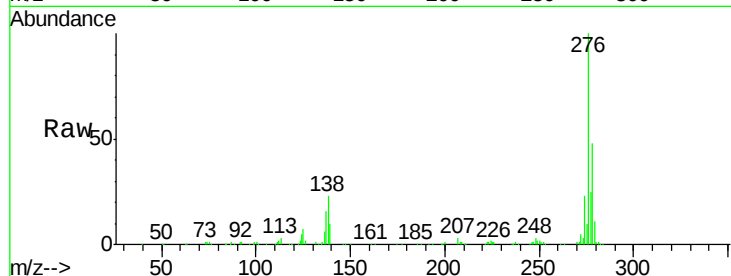
Tgt Ion: 276 Resp: 552775

Ion Ratio Lower Upper

276 100

138 25.1 25.7 38.5#

277 24.7 15.6 23.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.67 min Scan# 1188

Delta R.T. -0.08 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

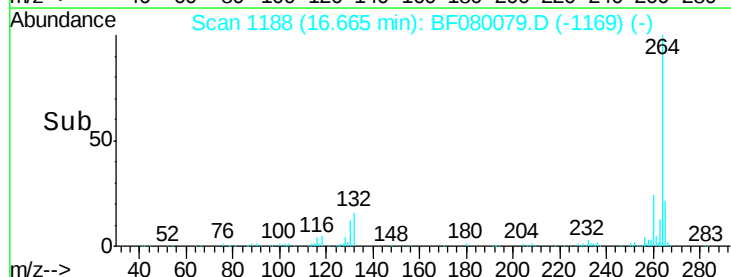
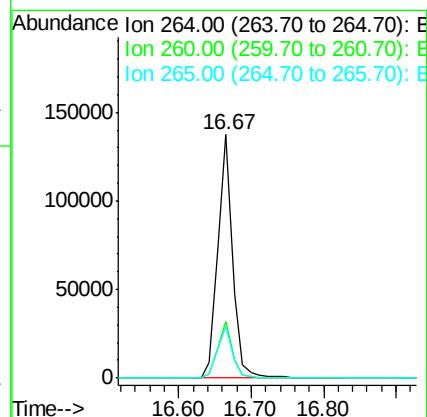
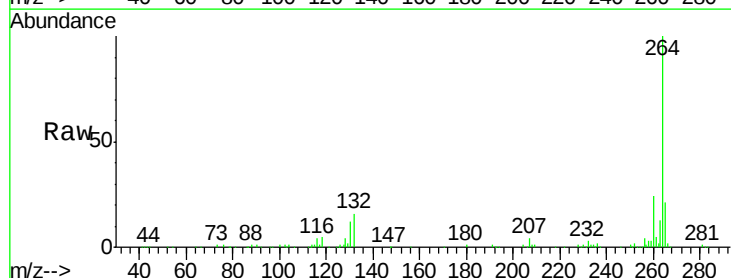
Tgt Ion: 264 Resp: 195609

Ion Ratio Lower Upper

264 100

260 23.6 16.7 25.1

265 21.4 17.2 25.8

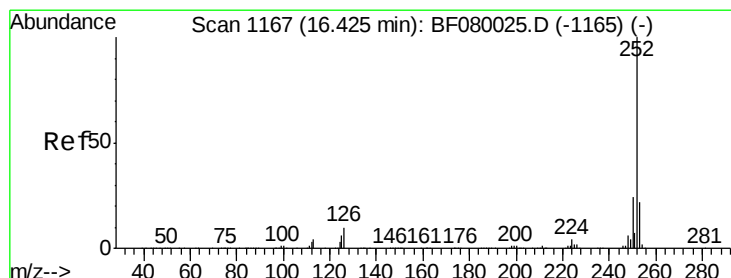
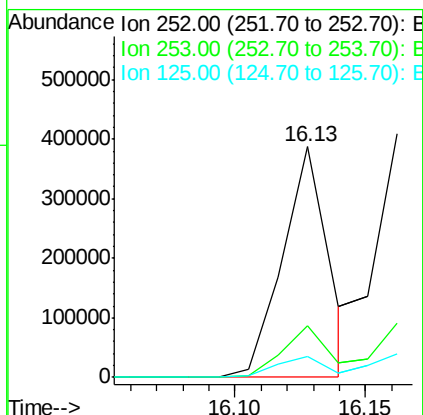
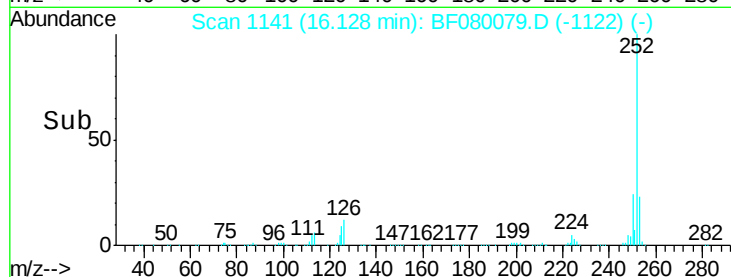
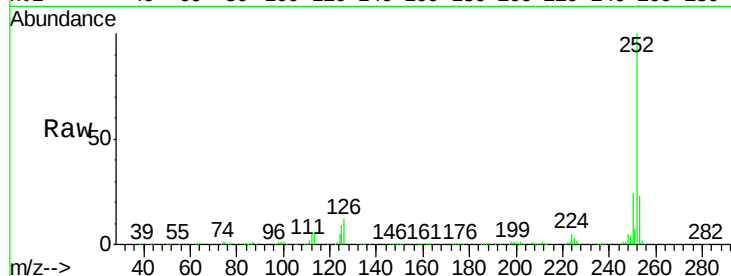




#87
Benzo(b)fluoranthene
Concen: 39.74 ng
RT: 16.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

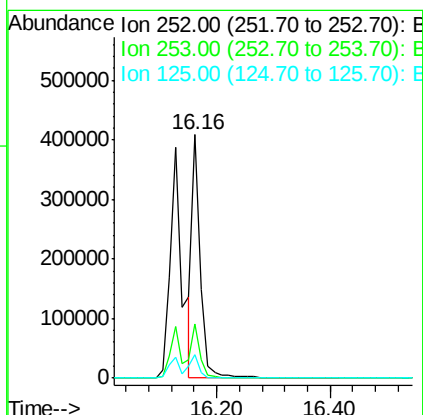
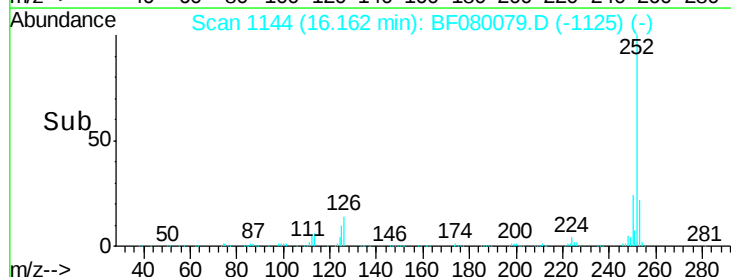
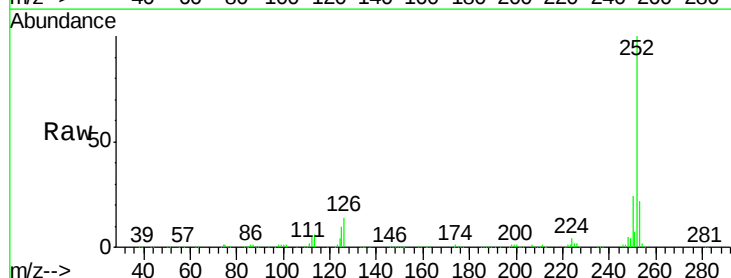
Instrument :
BNA_F
ClientSampled :
PE-2MS

Tgt Ion: 252 Resp: 470604
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.0 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 34.59 ng
RT: 16.16 min Scan# 1144
Delta R.T. -0.08 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion: 252 Resp: 417188
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 9.9 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 42.73 ng

RT: 16.59 min Scan# 1181

Delta R.T. -0.08 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

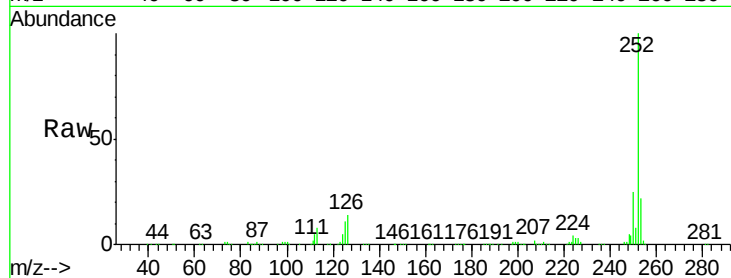
Tgt Ion:252 Resp: 480654

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

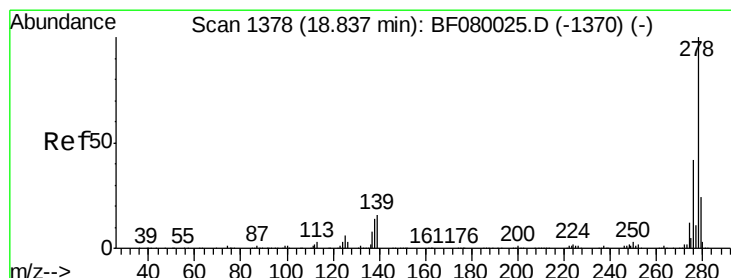
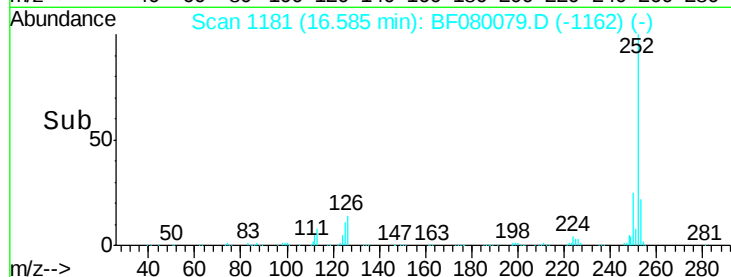
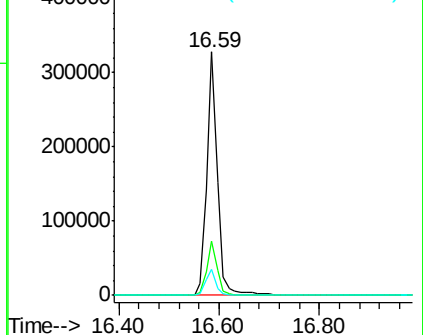
125 10.6 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.80 ng

RT: 18.54 min Scan# 1352

Delta R.T. -0.10 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

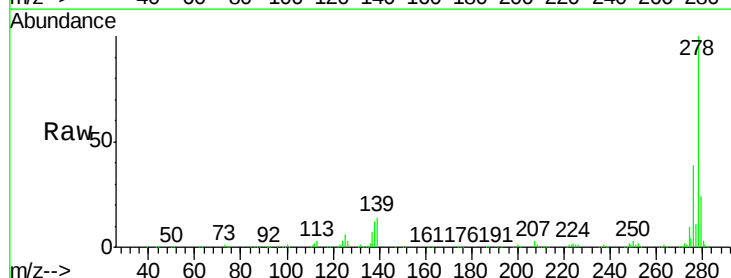
Tgt Ion:278 Resp: 469707

Ion Ratio Lower Upper

278 100

139 14.4 26.3 39.5#

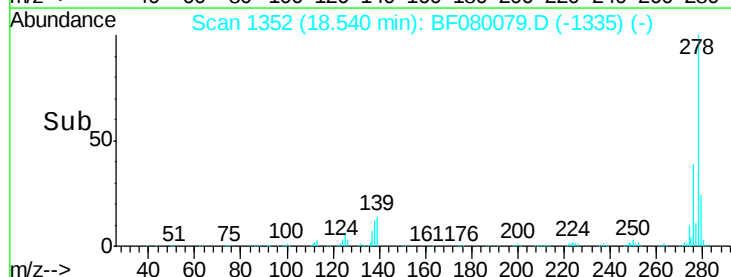
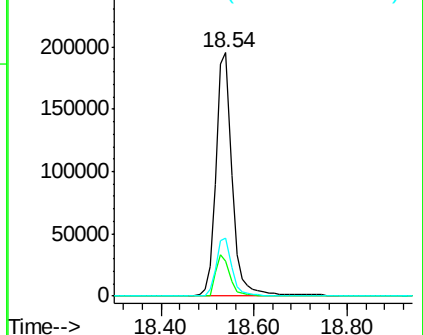
279 24.0 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.26 ng

RT: 19.08 min Scan# 1399

Delta R.T. -0.10 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

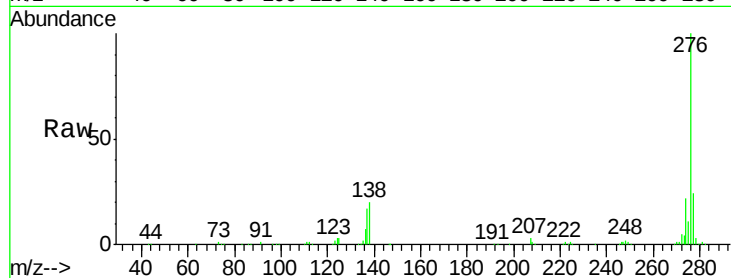
Tgt Ion: 276 Resp: 467928

Ion Ratio Lower Upper

276 100

277 23.6 17.8 26.6

138 20.4 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

