

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080080.D
 Acq On : 20 Jun 2015 4:32
 Operator : TP/IZ
 Sample : G2683-02MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Quant Time: Jun 20 05:41:16 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	40720	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	169910	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	93260	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	198211	20.00	ng	-0.01
75) Chrysene-d12	14.79	240	225254	20.00	ng	-0.07
86) Perylene-d12	16.63	264	213766	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	274784	119.45	ng	0.00
7) Phenol-d6	6.93	99	351669	114.88	ng	-0.01
23) Nitrobenzene-d5	7.89	82	232123	79.53	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	109827	120.43	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	426936	65.29	ng	-0.01
78) Terphenyl-d14	13.56	244	598231	62.03	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	27048	24.74	ng	# 85
3) Pyridine	4.04	79	97527	33.54	ng	86
4) n-Nitrosodimethylamine	3.94	42	44551	32.24	ng	97
6) Aniline	6.98	93	152168	36.13	ng	93
8) 2-Chlorophenol	7.11	128	99446	37.41	ng	86
9) Benzaldehyde	6.88	77	46948	26.57	ng	91
10) Phenol	6.95	94	119384	35.74	ng	87
11) bis(2-Chloroethyl)ether	7.05	93	90791	34.26	ng	# 83
12) 1,3-Dichlorobenzene	7.51	146	103598	32.44	ng	98
13) 1,4-Dichlorobenzene	7.51	146	103585	34.10	ng	98
14) 1,2-Dichlorobenzene	7.51	146	103585	35.05	ng	98
15) Benzyl Alcohol	7.45	79	92288	36.87	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.59	45	158674	40.33	ng	90
17) 2-Methylphenol	7.56	107	78552	34.59	ng	# 83
18) Hexachloroethane	7.85	117	38579	38.15	ng	89
19) n-Nitroso-di-n-propylamine	7.73	70	73383	34.53	ng	# 75
20) 3+4-Methylphenols	7.72	107	110938	37.85	ng	92
22) Acetophenone	7.73	105	148223	37.43	ng	# 82
24) Nitrobenzene	7.91	77	104764	34.78	ng	# 79
25) Isophorone	8.14	82	197503	33.62	ng	# 85
26) 2-Nitrophenol	8.23	139	50699	40.21	ng	# 77
27) 2,4-Dimethylphenol	8.25	122	89686	34.11	ng	86
28) bis(2-Chloroethoxy)methane	8.34	93	134217	38.89	ng	# 92
29) 2,4-Dichlorophenol	8.47	162	87779	38.98	ng	97
30) 1,2,4-Trichlorobenzene	8.56	180	99317	38.84	ng	99
31) Naphthalene	8.64	128	308856	34.77	ng	98
32) Benzoic acid	8.25	122	89686	56.42	ng	# 25
33) 4-Chloroaniline	8.68	127	154439	40.62	ng	# 85
34) Hexachlorobutadiene	8.77	225	54737	34.76	ng	99
35) Caprolactam	9.01	113	24756	33.87	ng	# 84
36) 4-Chloro-3-methylphenol	9.14	107	91030	35.84	ng	# 74
37) 2-Methylnaphthalene	9.34	142	227933	39.67	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	103562	38.16	ng	98
40) Hexachlorocyclopentadiene	9.50	237	97787	70.80	ng	98

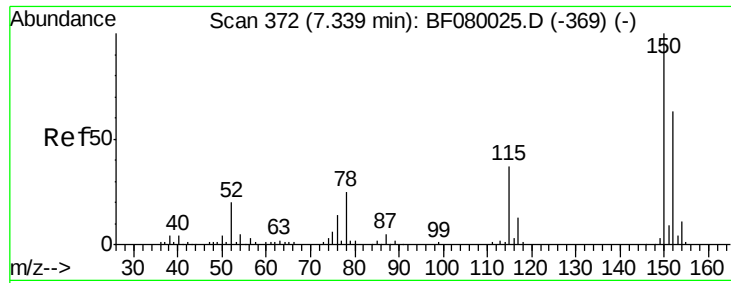
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	70564	38.21	ng	99
43) 2,4,5-Trichlorophenol	9.65	196	69560	32.70	ng #	91
45) 1,1'-Biphenyl	9.81	154	254271	33.51	ng	94
46) 2-Chloronaphthalene	9.83	162	202371	32.87	ng	94
47) 2-Nitroaniline	9.91	65	56151	33.22	ng #	57
48) Acenaphthylene	10.25	152	350219	34.08	ng	98
49) Dimethylphthalate	10.08	163	259534	37.02	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	50758	36.11	ng #	56
51) Acenaphthene	10.42	154	210142	33.43	ng	93
52) 3-Nitroaniline	10.32	138	54492	33.60	ng #	55
53) 2,4-Dinitrophenol	10.44	184	28742	52.41	ng #	1
54) Dibenzofuran	10.60	168	300863	33.73	ng #	88
55) 4-Nitrophenol	10.47	139	97274	75.04	ng #	74
56) 2,4-Dinitrotoluene	10.56	165	73576	41.25	ng #	94
57) Fluorene	10.95	166	241388	34.10	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	62561	34.83	ng	98
59) Diethylphthalate	10.79	149	249033	35.27	ng	97
60) 4-Chlorophenyl-phenylether	10.93	204	120709	35.49	ng #	87
61) 4-Nitroaniline	10.94	138	63513	37.92	ng #	54
62) Azobenzene	11.09	77	267912	37.28	ng	87
64) 4,6-Dinitro-2-methylphenol	10.97	198	33413	36.86	ng	85
65) n-Nitrosodiphenylamine	11.04	169	224620	34.80	ng	92
66) 4-Bromophenyl-phenylether	11.43	248	71472	33.91	ng #	81
67) Hexachlorobenzene	11.51	284	77215	32.97	ng #	77
68) Atrazine	11.56	200	66143	32.44	ng	82
69) Pentachlorophenol	11.69	266	88663	66.80	ng	99
70) Phenanthrene	11.92	178	412852	34.40	ng	97
71) Anthracene	11.97	178	380882	32.96	ng	97
72) Carbazole	12.12	167	340878	30.90	ng	95
73) Di-n-butylphthalate	12.45	149	431962	33.89	ng #	99
74) Fluoranthene	13.16	202	427002	33.41	ng	96
76) Benzidine	13.27	184	352160	55.93	ng	98
77) Pyrene	13.41	202	441472	31.83	ng	97
79) Butylbenzylphthalate	14.08	149	198239	35.59	ng	91
80) Benzo(a)anthracene	14.78	228	447951	32.64	ng	97
81) 3,3'-Dichlorobenzidine	14.72	252	154249	32.59	ng #	94
82) Chrysene	14.83	228	419221	33.13	ng	95
83) Bis(2-ethylhexyl)phthalate	14.75	149	302072	34.32	ng #	92
84) Di-n-octyl phthalate	15.52	149	503788	33.40	ng	94
85) Indeno(1,2,3-cd)pyrene	18.47	276	464956	29.14	ng #	89
87) Benzo(b)fluoranthene	16.09	252	404237	31.23	ng #	86
88) Benzo(k)fluoranthene	16.13	252	367751	27.90	ng #	89
89) Benzo(a)pyrene	16.55	252	416462	33.88	ng #	86
90) Dibenzo(a,h)anthracene	18.49	278	393326	31.26	ng #	82
91) Benzo(g,h,i)perylene	19.03	276	387600	30.51	ng #	78

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

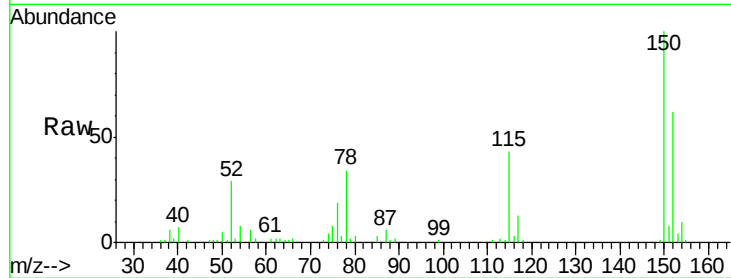
Tgt Ion:152 Resp: 40720

Ion Ratio Lower Upper

152 100

150 160.8 124.7 187.1

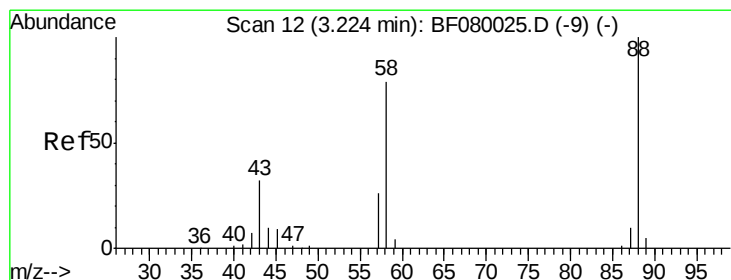
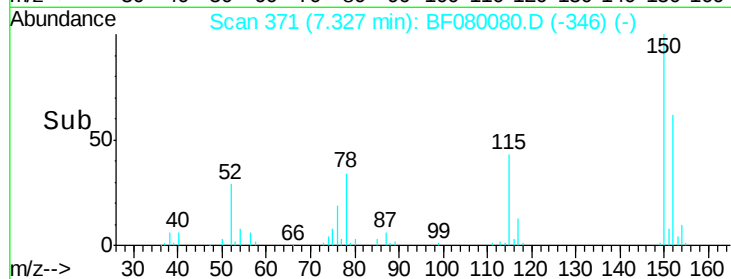
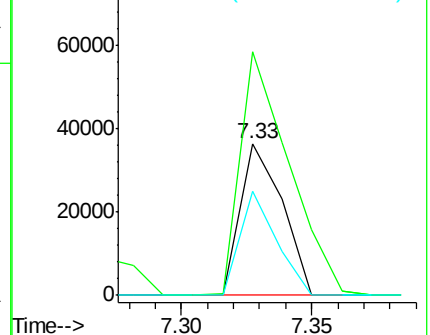
115 68.5 39.0 58.4#



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: 24.74 ng

RT: 3.22 min Scan# 12

Delta R.T. 0.00 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

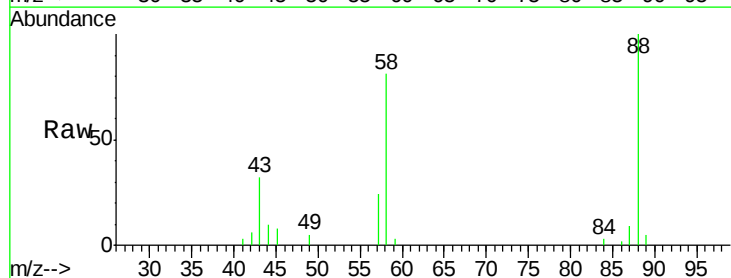
Tgt Ion: 88 Resp: 27048

Ion Ratio Lower Upper

88 100

58 81.4 77.7 116.5

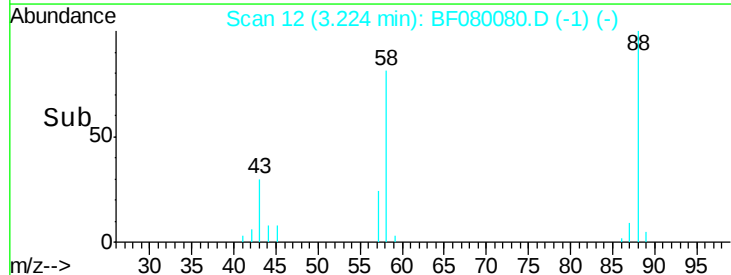
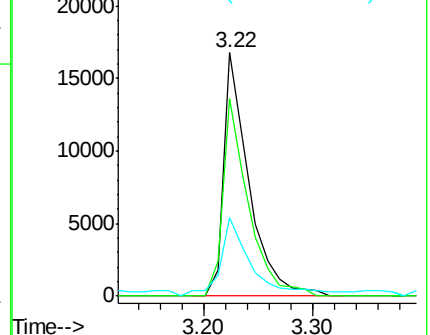
43 40.7 26.6 40.0#



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: 33.54 ng

RT: 4.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

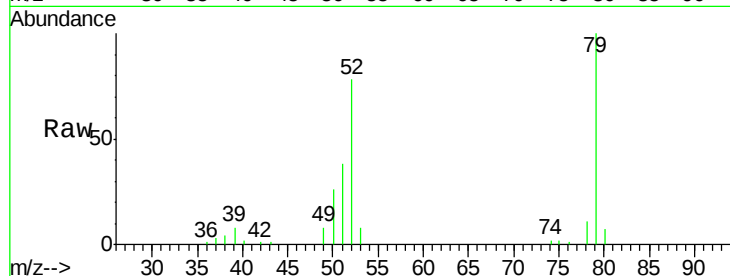
Tgt Ion: 79 Resp: 97527

Ion Ratio Lower Upper

79 100

52 78.5 76.8 115.2

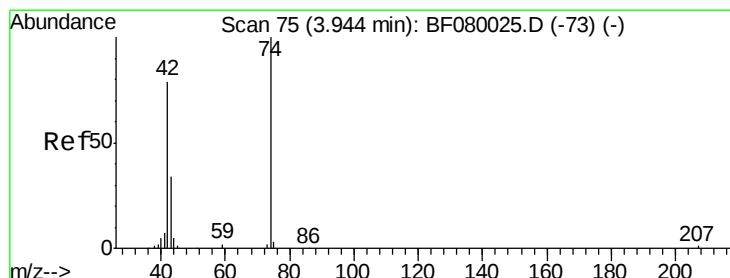
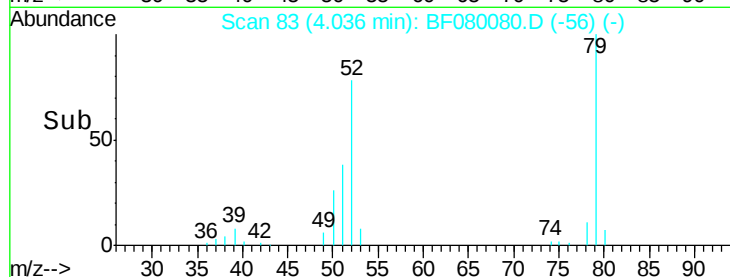
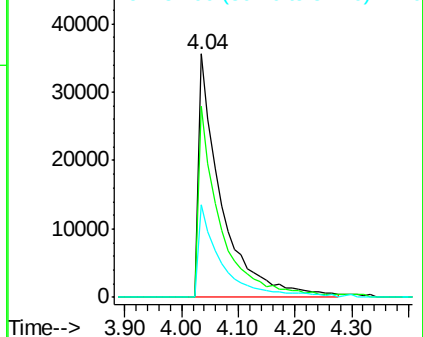
51 37.9 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.24 ng

RT: 3.94 min Scan# 75

Delta R.T. 0.00 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

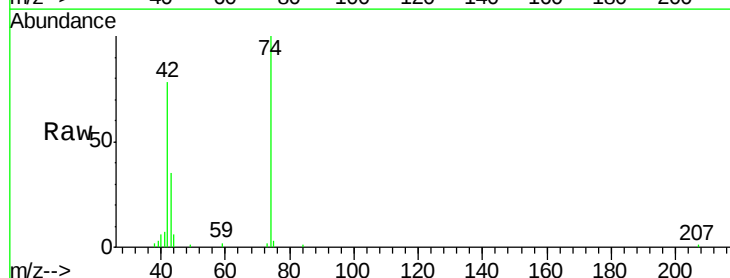
Tgt Ion: 42 Resp: 44551

Ion Ratio Lower Upper

42 100

74 127.4 105.0 157.6

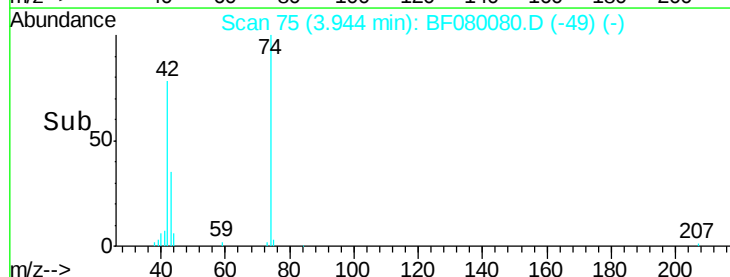
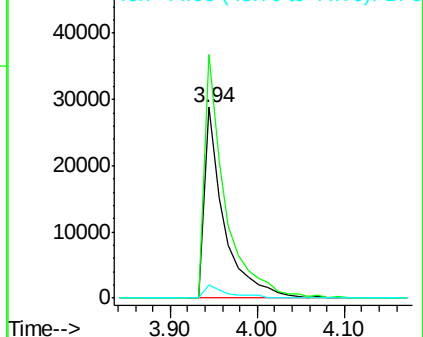
44 7.2 6.6 10.0

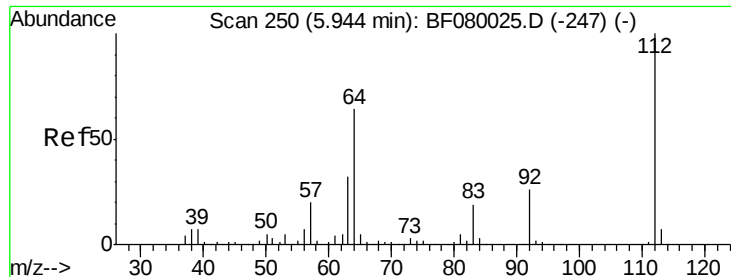


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.45 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

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ClientSampleId :

PE-2MSD

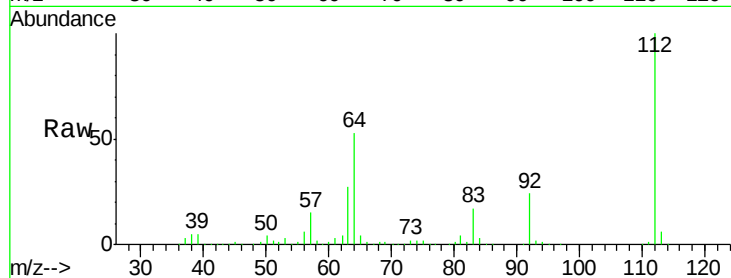
Tgt Ion: 112 Resp: 274784

Ion Ratio Lower Upper

112 100

64 53.3 39.7 59.5

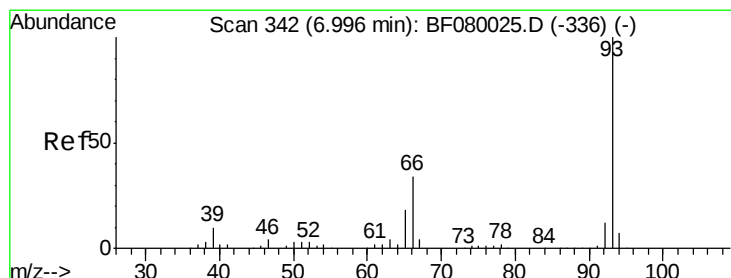
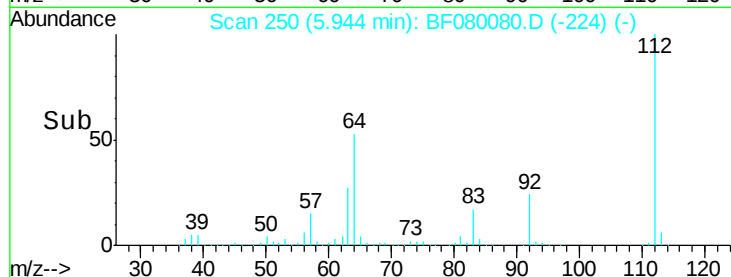
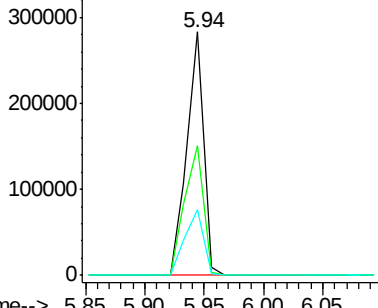
63 26.8 17.4 26.0#



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: 36.13 ng

RT: 6.98 min Scan# 341

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

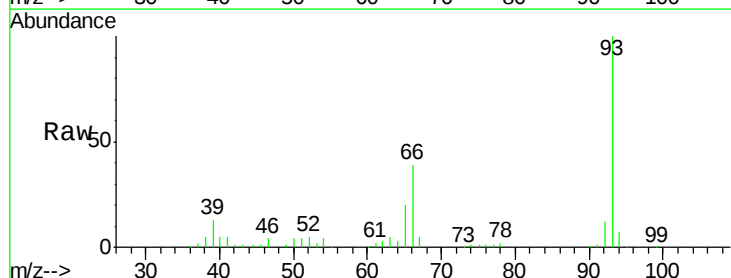
Tgt Ion: 93 Resp: 152168

Ion Ratio Lower Upper

93 100

66 39.0 27.2 40.8

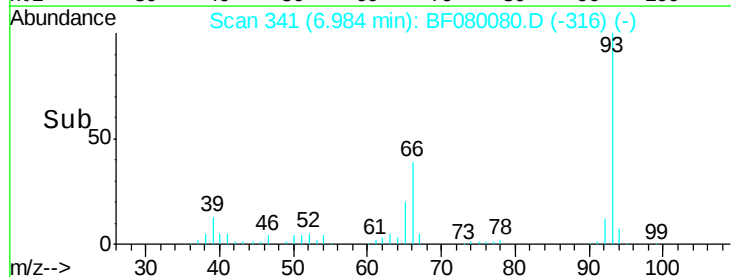
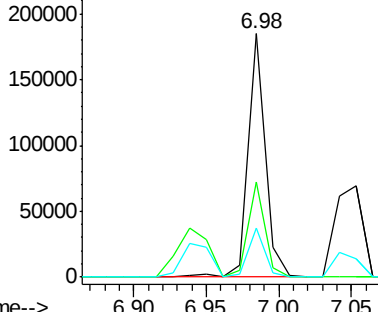
65 20.0 14.7 22.1



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: 114.88 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

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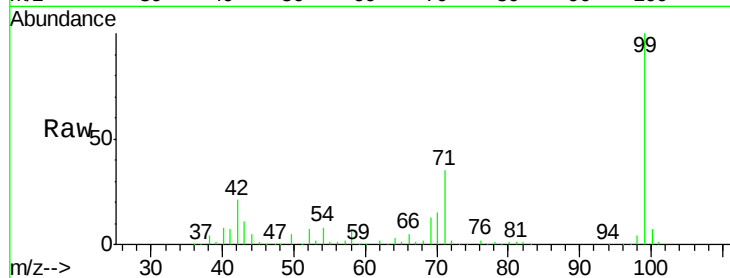
Tgt Ion: 99 Resp: 351669

Ion Ratio Lower Upper

99 100

42 21.4 13.7 20.5#

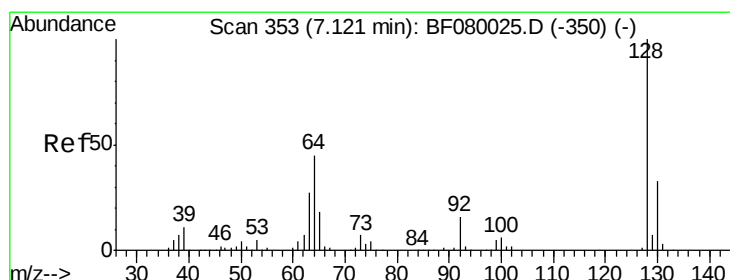
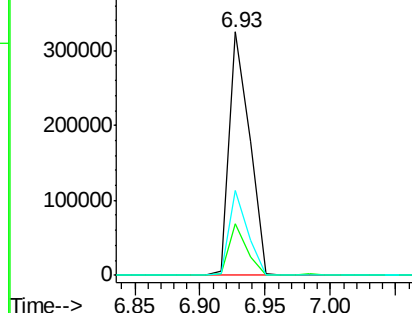
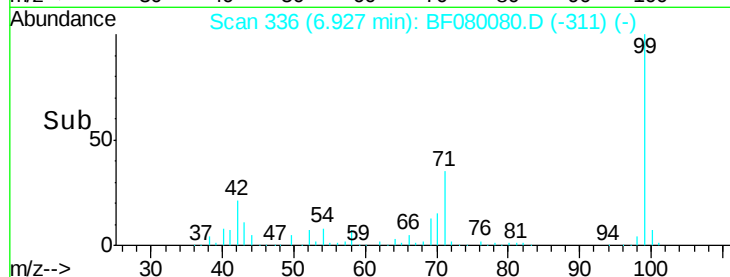
71 34.7 14.2 21.2#



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: 37.41 ng

RT: 7.11 min Scan# 352

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

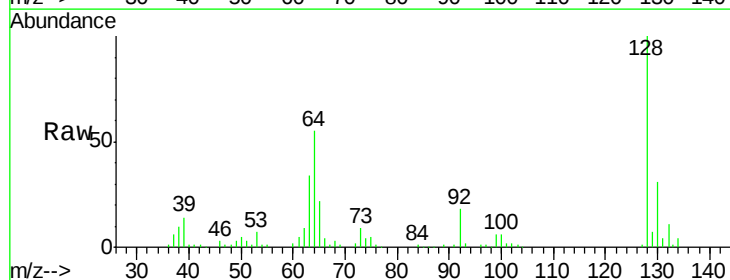
Tgt Ion: 128 Resp: 99446

Ion Ratio Lower Upper

128 100

130 31.3 12.2 52.2

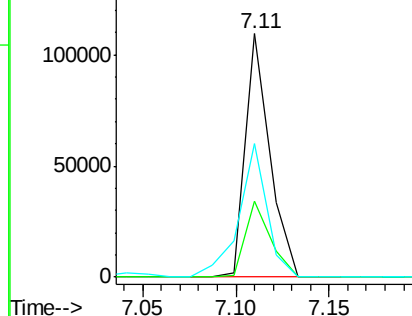
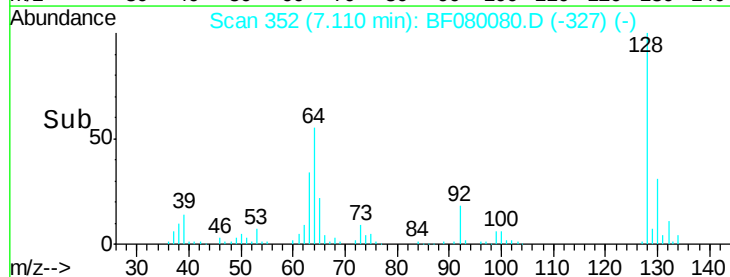
64 54.8 20.5 60.5

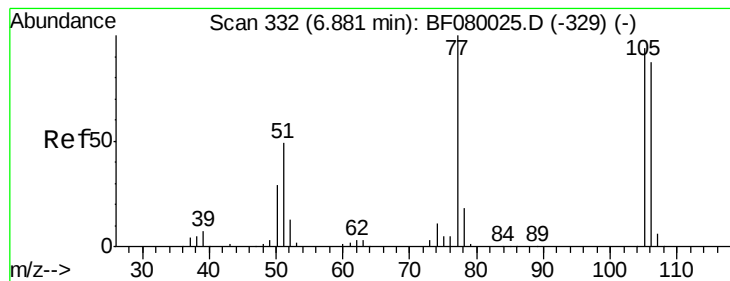


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.57 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

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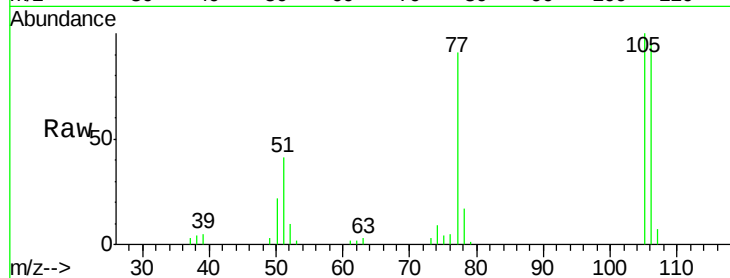
Tgt Ion: 77 Resp: 46948

Ion Ratio Lower Upper

77 100

105 110.1 91.6 131.6

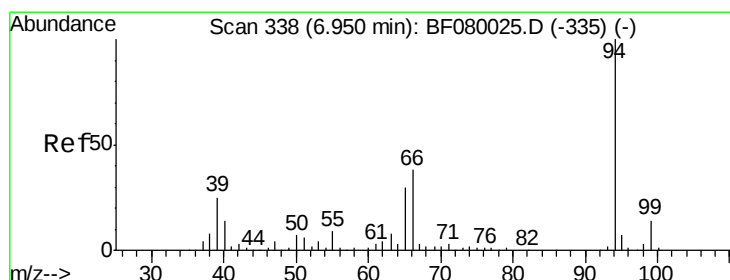
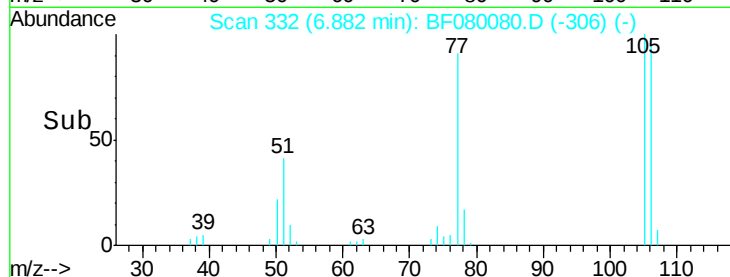
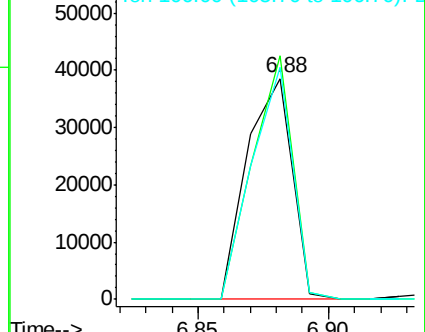
106 104.9 102.6 142.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.74 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

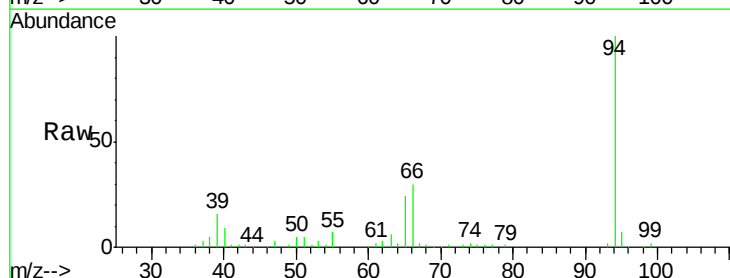
Tgt Ion: 94 Resp: 119384

Ion Ratio Lower Upper

94 100

65 23.8 0.7 40.7

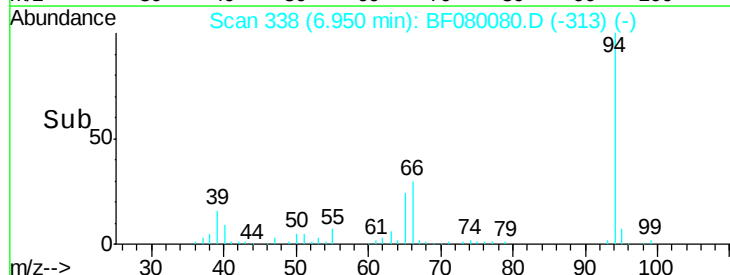
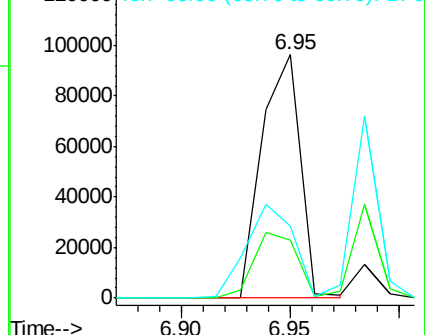
66 29.6 0.8 40.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

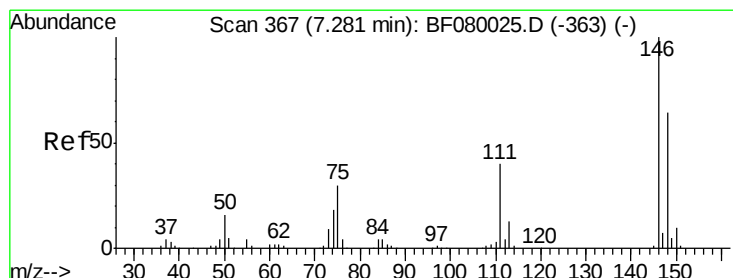
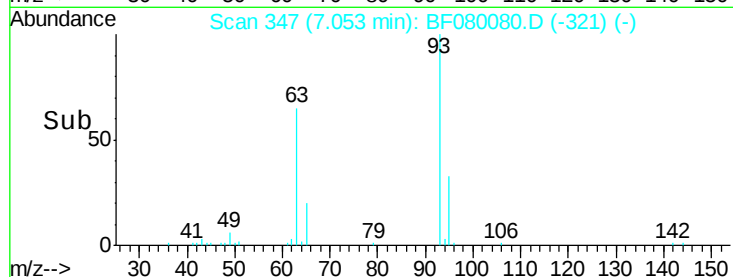
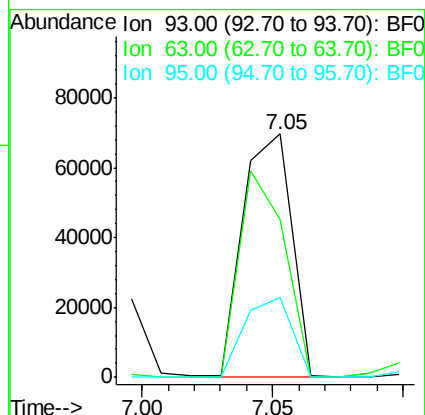
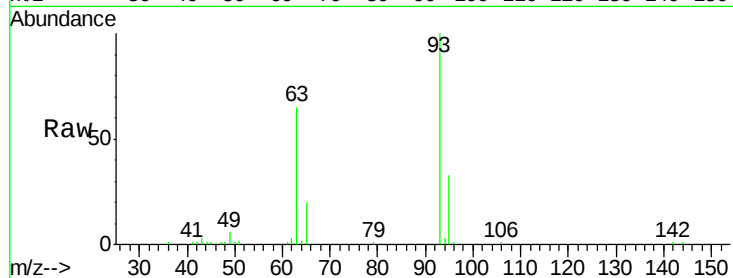




#11
bis(2-Chloroethyl)ether
Concen: 34.26 ng
RT: 7.05 min Scan# 347
Delta R.T. 0.00 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

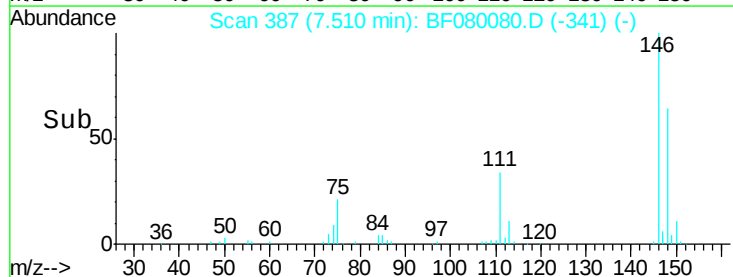
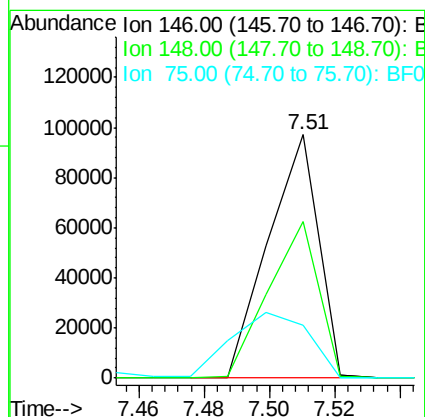
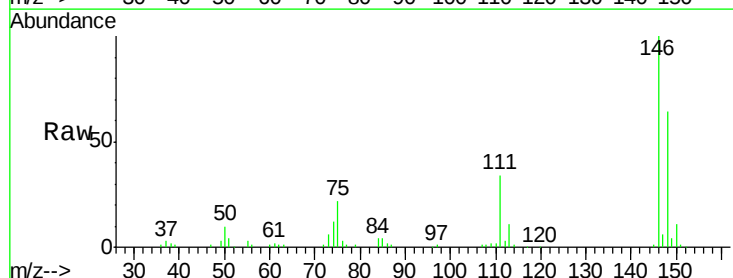
Instrument :
BNA_F
ClientSampleId :
PE-2MSD

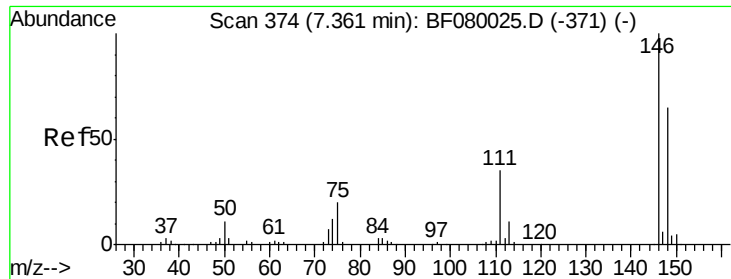
Tgt Ion: 93 Resp: 90791
Ion Ratio Lower Upper
93 100
63 65.0 65.6 105.6#
95 32.8 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 32.44 ng
RT: 7.51 min Scan# 387
Delta R.T. 0.23 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion: 146 Resp: 103598
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 21.7 15.0 22.6

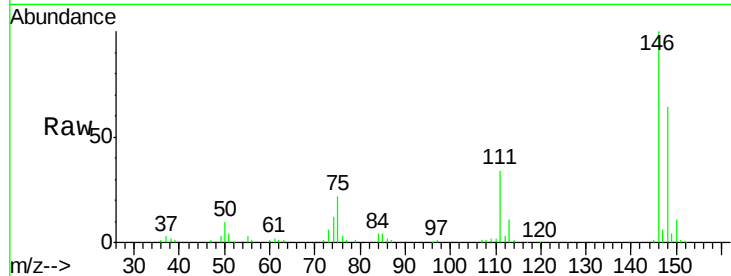




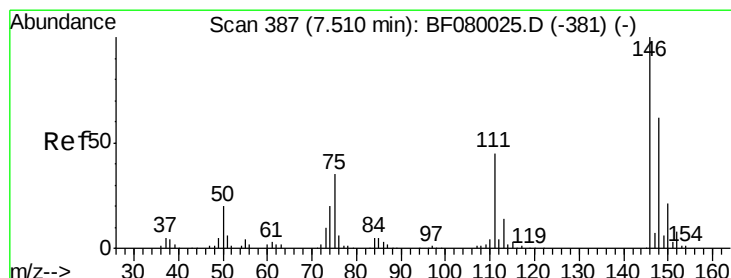
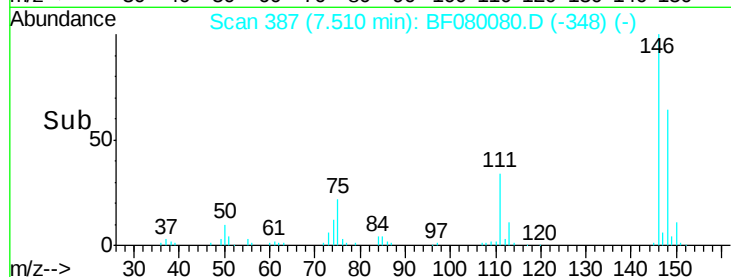
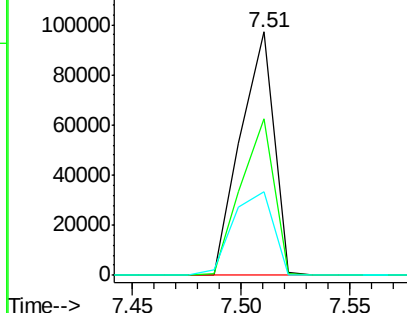
#13
 1,4-Dichlorobenzene
 Concen: 34.10 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.15 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion:146 Resp: 103585
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 111 34.3 24.9 37.3

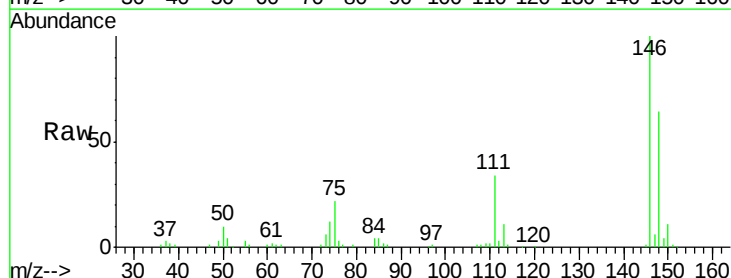


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

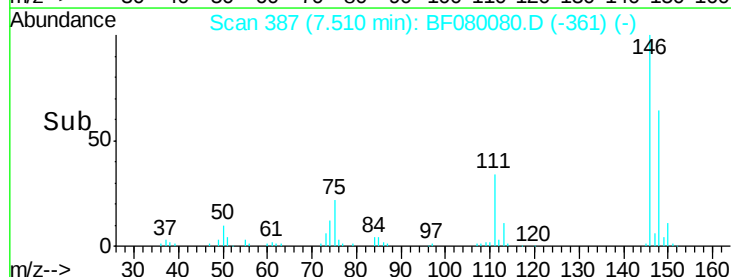
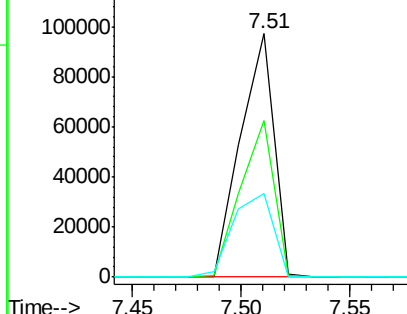


#14
 1,2-Dichlorobenzene
 Concen: 35.05 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion:146 Resp: 103585
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.7 79.1
 111 34.3 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: 36.87 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

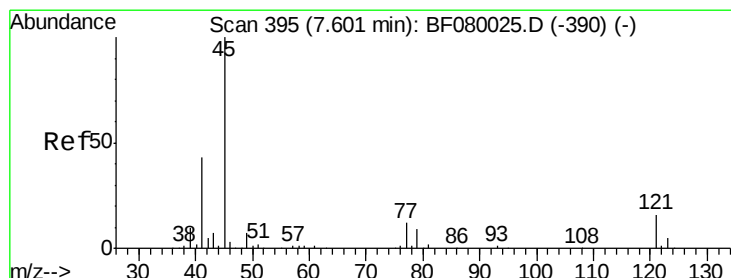
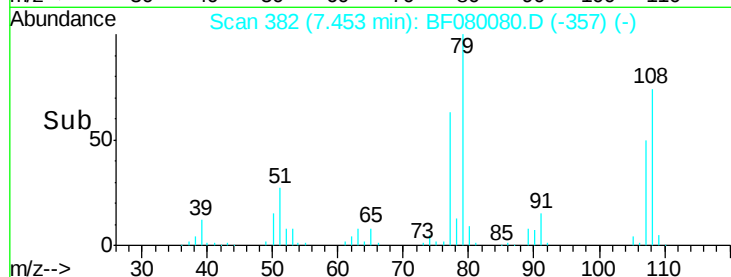
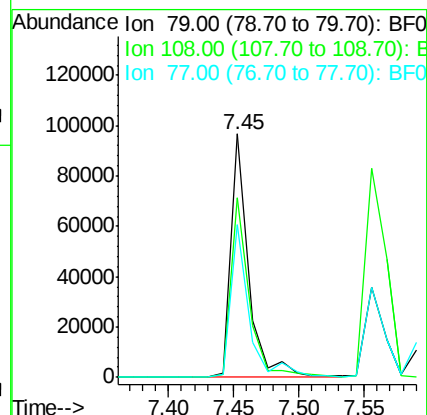
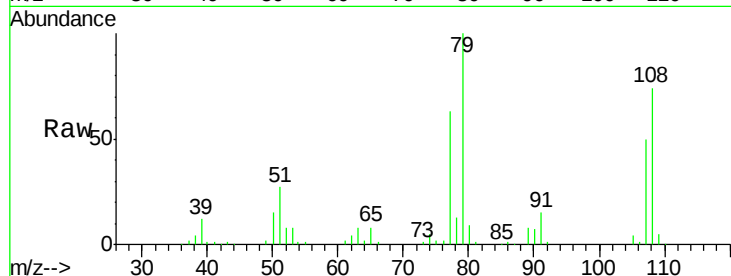
Tgt Ion: 79 Resp: 92288

Ion Ratio Lower Upper

79 100

108 73.6 88.6 132.8#

77 63.0 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.33 ng

RT: 7.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

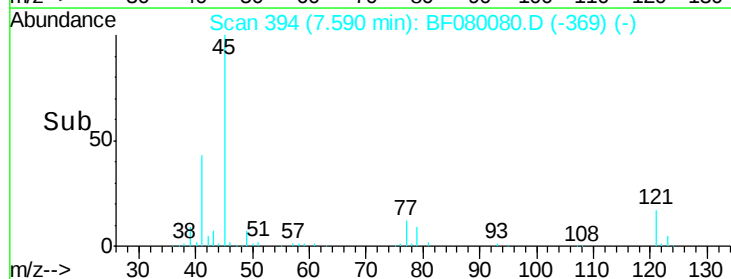
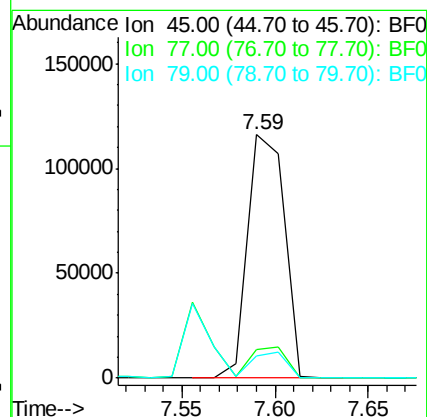
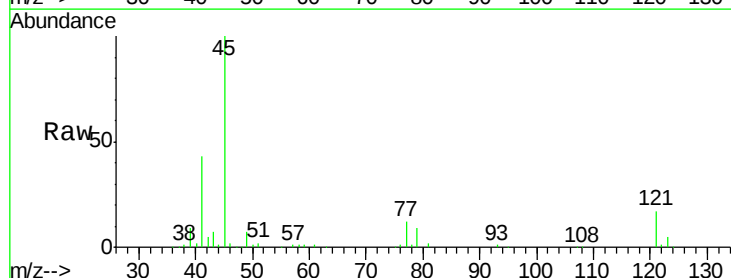
Tgt Ion: 45 Resp: 158674

Ion Ratio Lower Upper

45 100

77 11.8 0.0 28.1

79 9.3 0.0 26.0

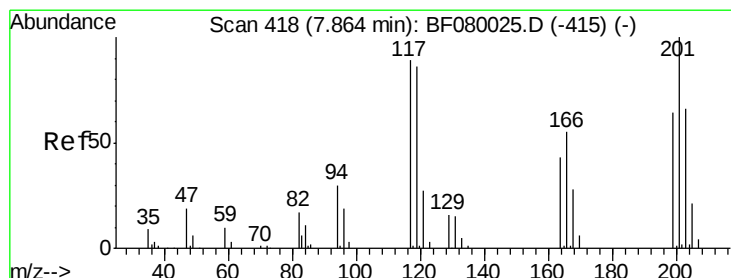
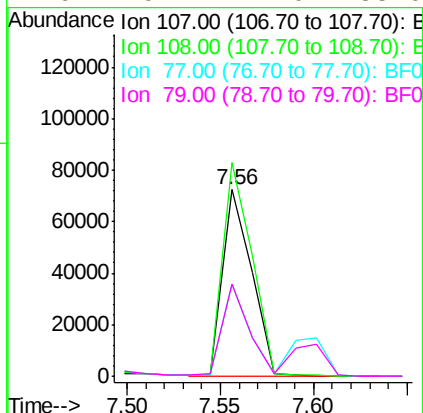
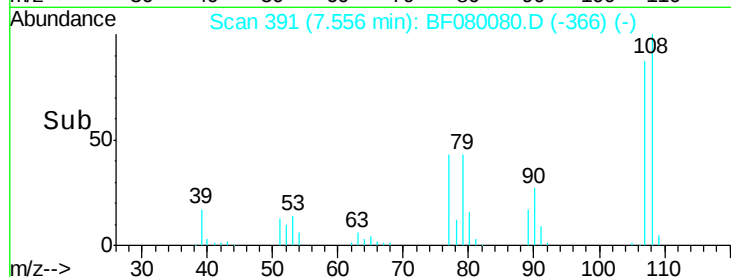
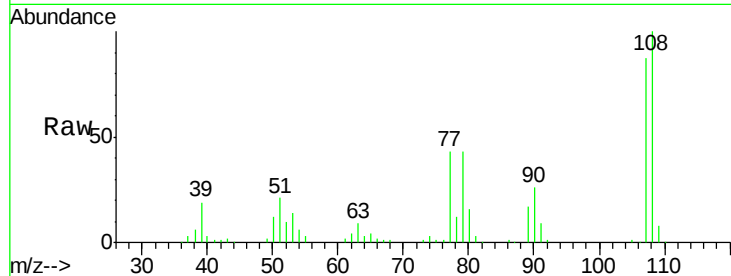




#17
2-Methylphenol
Concen: 34.59 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

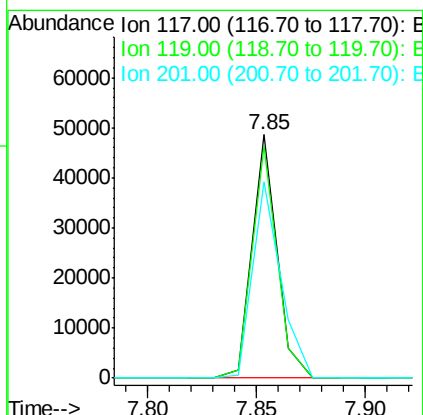
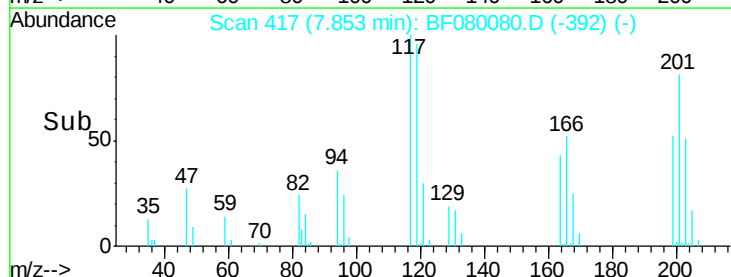
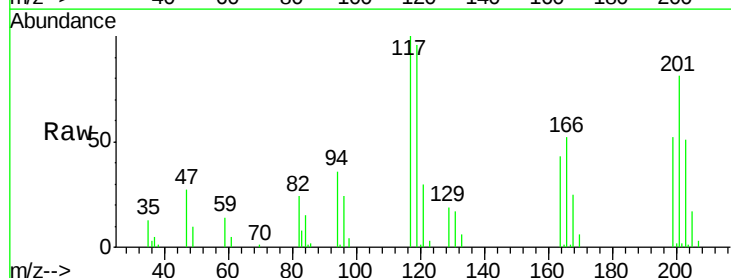
Instrument :
BNA_F
ClientSampleId :
PE-2MSD

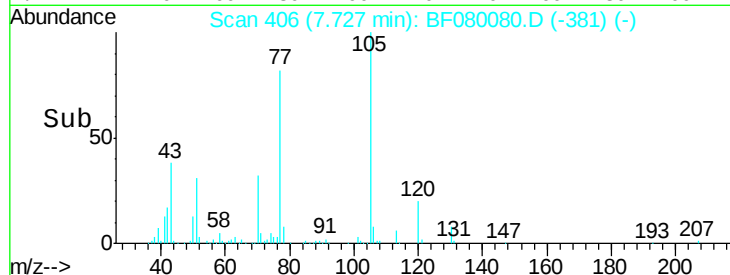
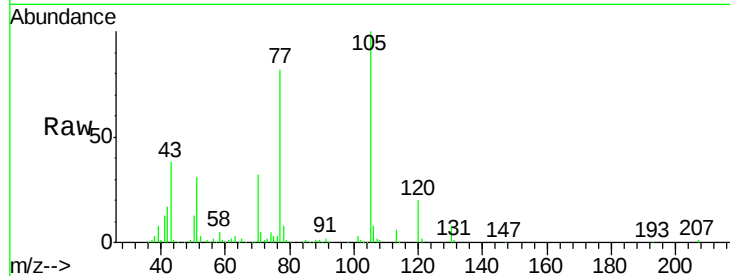
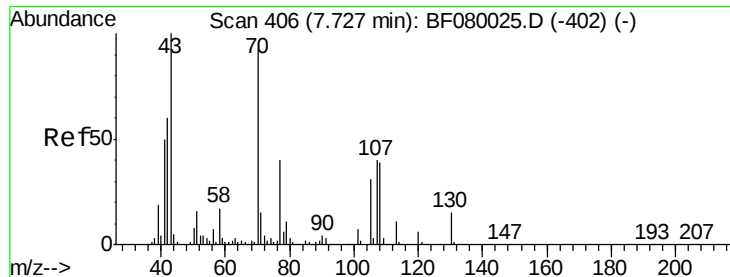
Tgt Ion:107 Resp: 78552
Ion Ratio Lower Upper
107 100
108 114.6 96.6 145.0
77 49.6 23.3 34.9#
79 49.1 22.0 33.0#



#18
Hexachloroethane
Concen: 38.15 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion:117 Resp: 38579
Ion Ratio Lower Upper
117 100
119 95.6 83.8 125.6
201 80.7 55.1 82.7

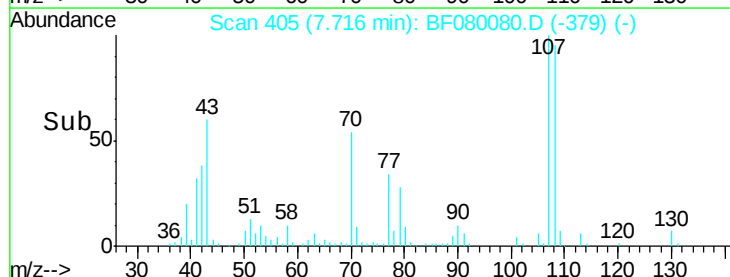
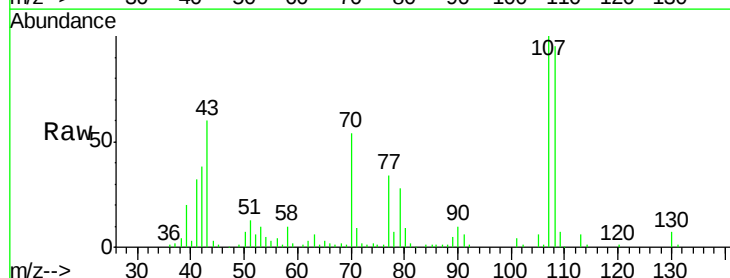
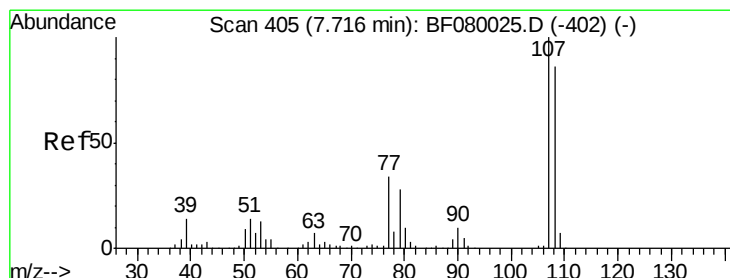
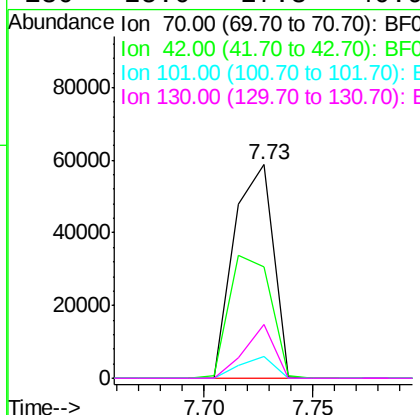




#19
n-Nitroso-di-n-propylamine
Concen: 34.53 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

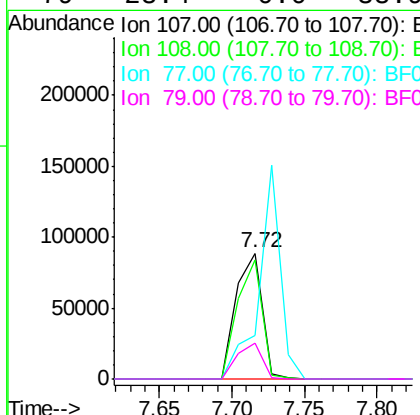
Instrument :
BNA_F
ClientSampleId :
PE-2MSD

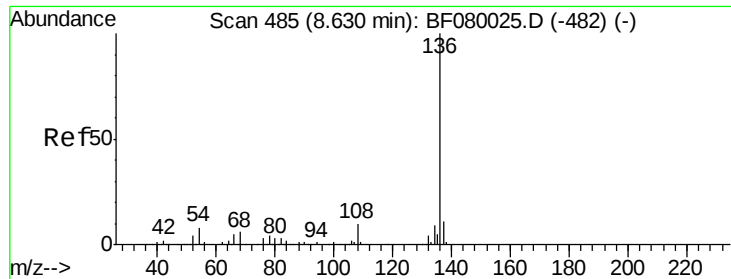
Tgt Ion:	70	Resp:	73383
Ion	Ratio	Lower	Upper
70	100		
42	52.0	63.8	95.6#
101	10.0	9.2	13.8
130	25.0	27.3	40.9#



#20
3+4-Methylphenols
Concen: 37.85 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion:	107	Resp:	110938
Ion	Ratio	Lower	Upper
107	100		
108	94.9	74.6	114.6
77	34.4	0.7	40.7
79	28.4	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: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

Tgt Ion:136 Resp: 169910

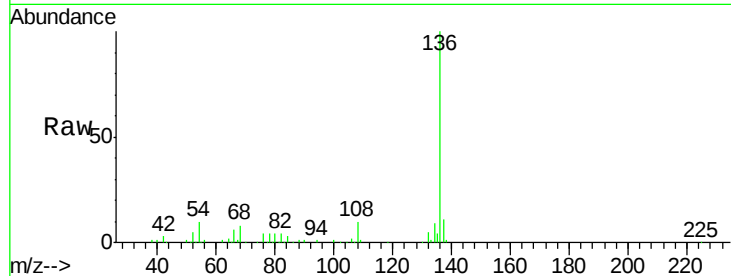
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 10.5 8.2 12.2

68 7.7 5.8 8.6

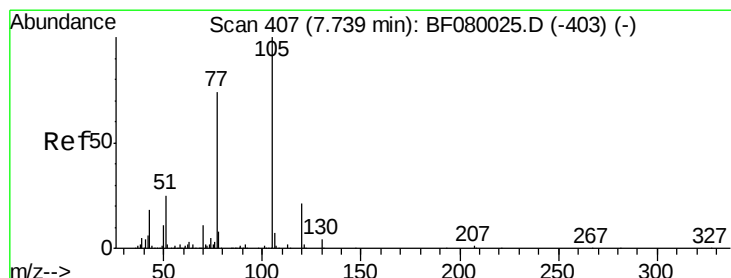
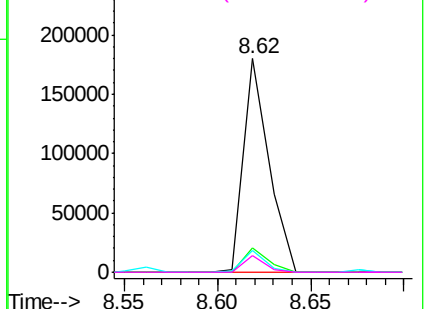
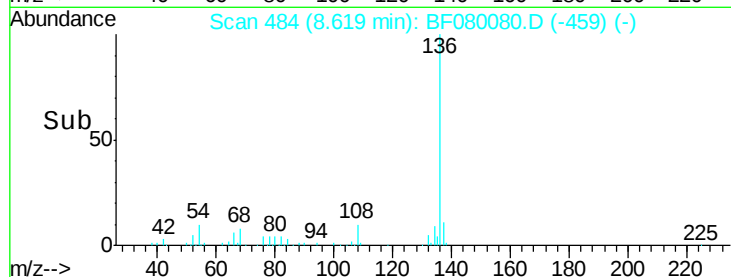


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.43 ng

RT: 7.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion:105 Resp: 148223

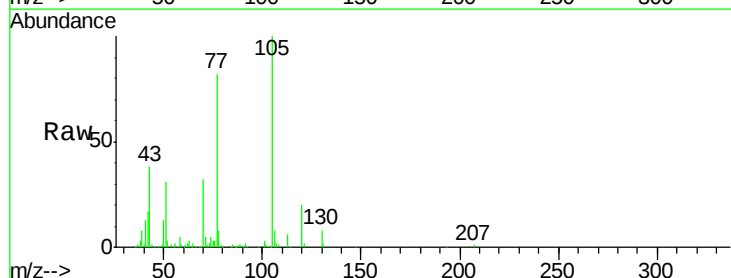
Ion Ratio Lower Upper

105 100

71 5.2 4.7 7.1

51 31.0 22.0 33.0

120 20.2 30.1 45.1#

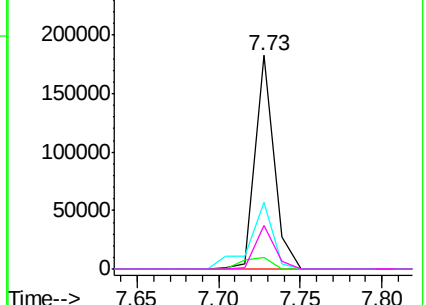
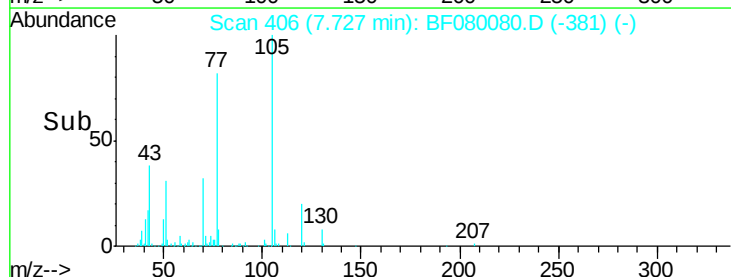


Abundance Ion 105.00 (104.70 to 105.70): E

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

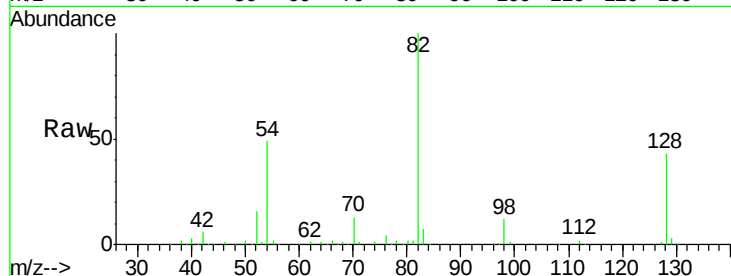




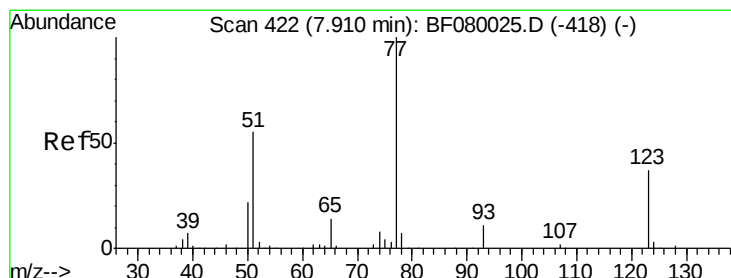
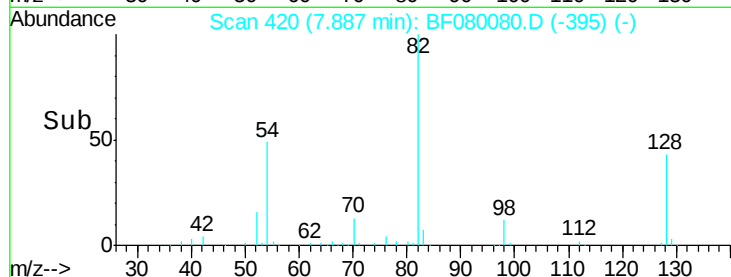
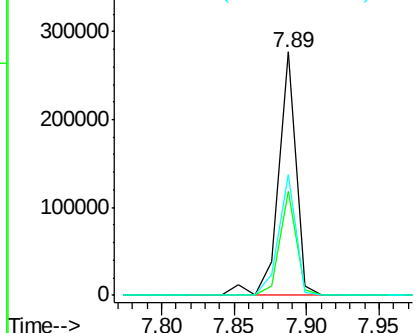
#23
 Nitrobenzene-d5
 Concen: 79.53 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion: 82 Resp: 232123
 Ion Ratio Lower Upper
 82 100
 128 43.0 51.0 76.6#
 54 49.4 47.5 71.3

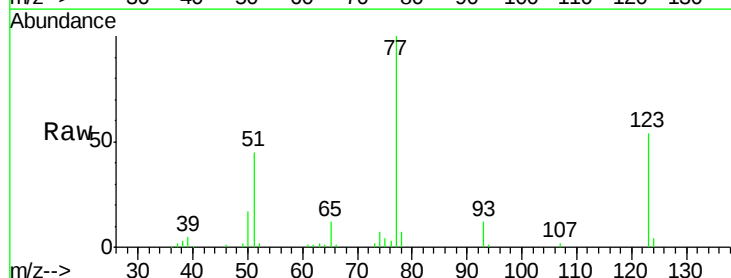


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

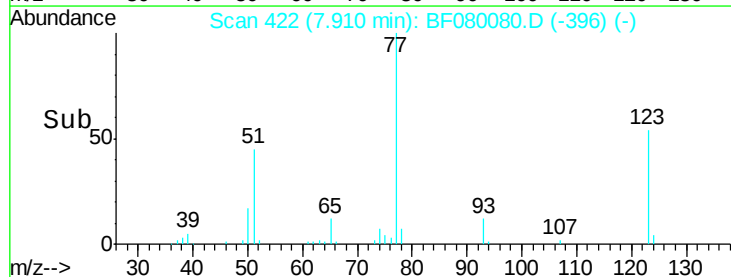
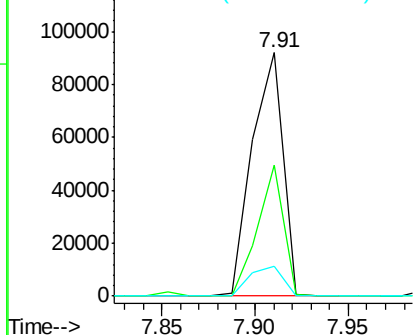


#24
 Nitrobenzene
 Concen: 34.78 ng
 RT: 7.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion: 77 Resp: 104764
 Ion Ratio Lower Upper
 77 100
 123 53.9 59.8 89.8#
 65 12.4 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: 33.62 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

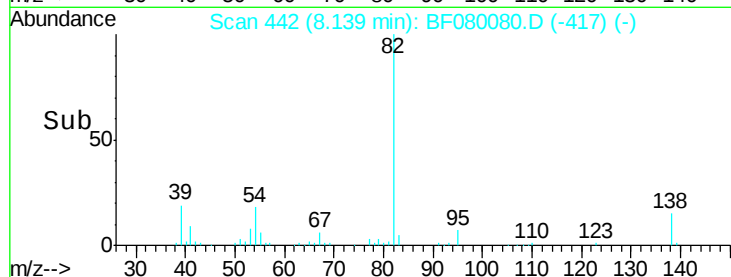
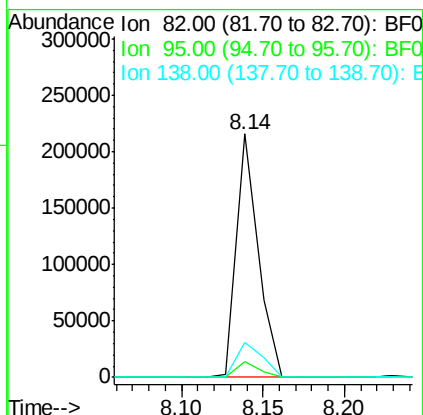
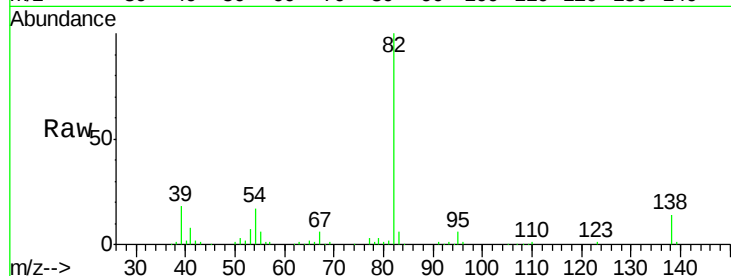
Tgt Ion: 82 Resp: 197503

Ion Ratio Lower Upper

82 100

95 6.4 4.0 6.0#

138 14.5 18.3 27.5#



#26

2-Nitrophenol

Concen: 40.21 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

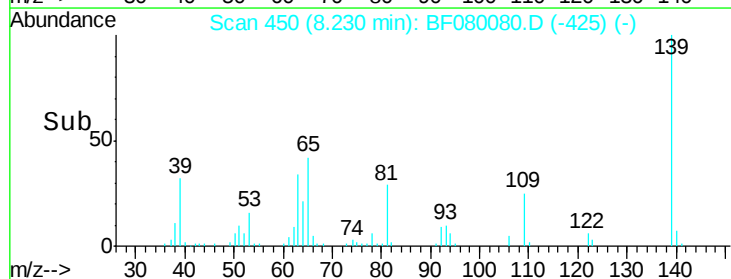
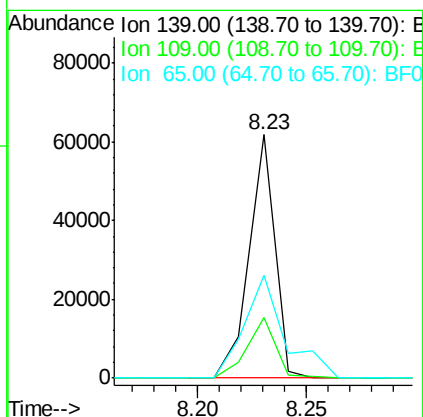
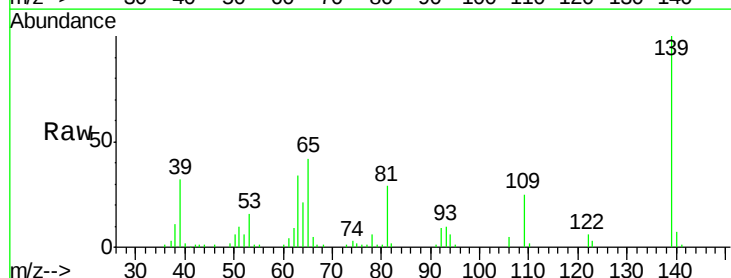
Tgt Ion: 139 Resp: 50699

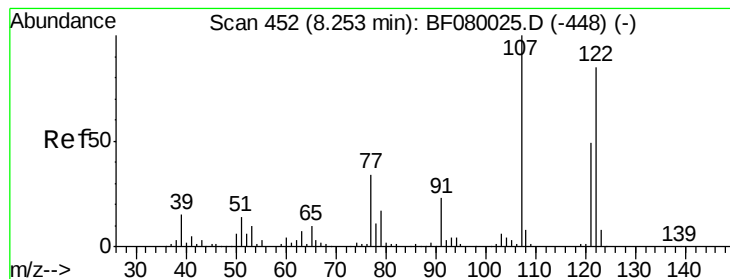
Ion Ratio Lower Upper

139 100

109 24.9 11.0 16.4#

65 42.0 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 34.11 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

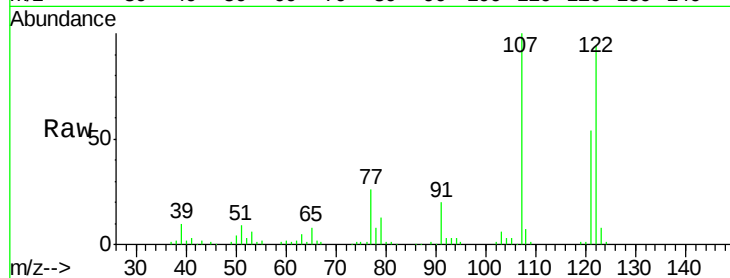
Tgt Ion:122 Resp: 89686

Ion Ratio Lower Upper

122 100

107 106.7 71.8 107.6

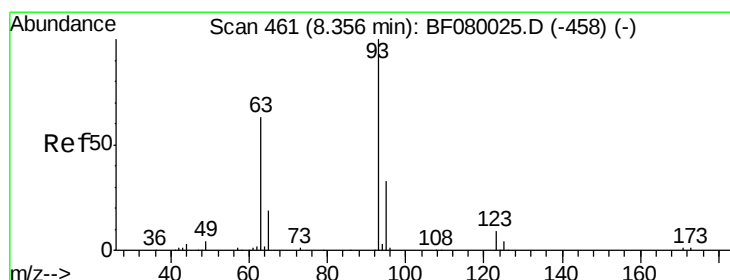
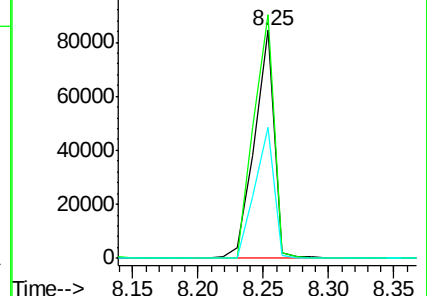
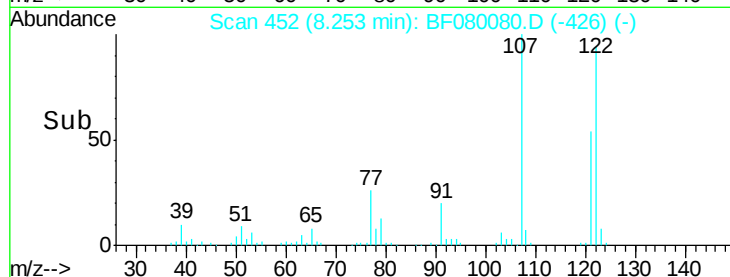
121 57.2 42.3 63.5



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: 38.89 ng

RT: 8.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

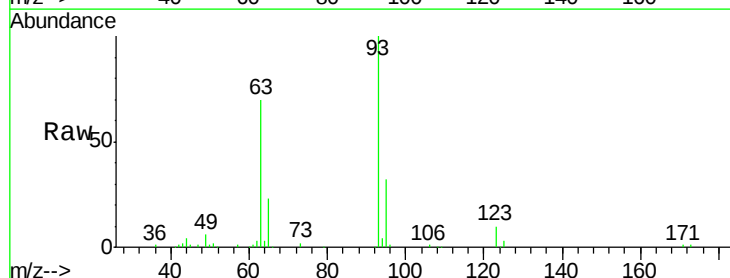
Tgt Ion: 93 Resp: 134217

Ion Ratio Lower Upper

93 100

95 32.3 27.5 41.3

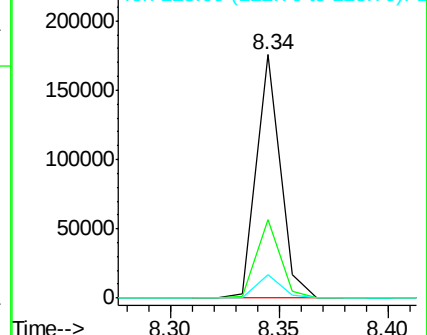
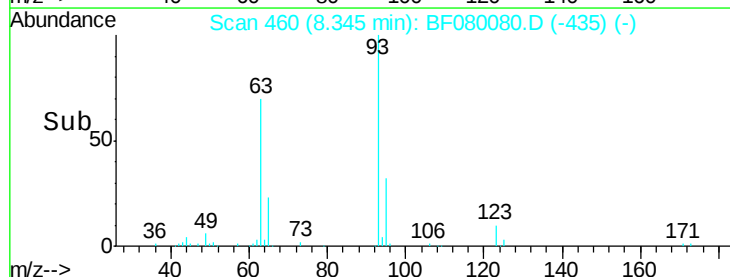
123 9.6 13.7 20.5#



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

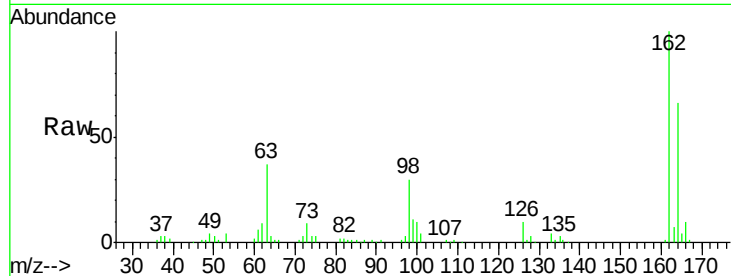




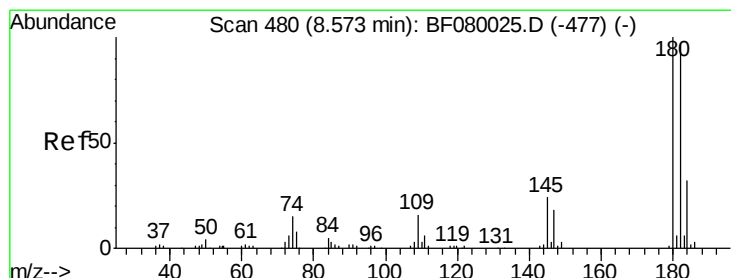
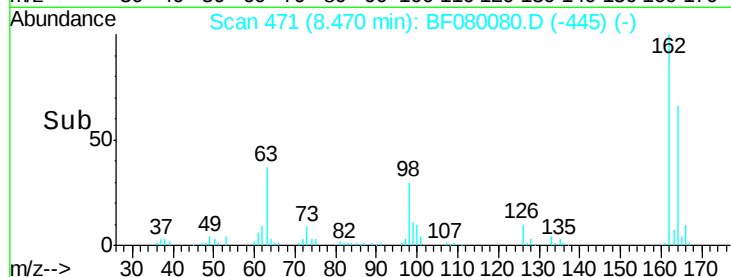
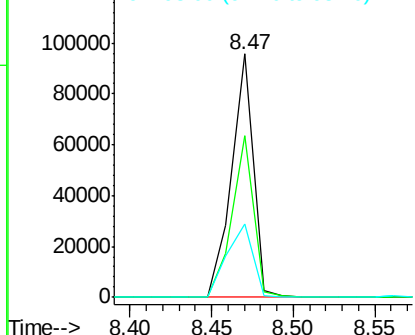
#29
 2,4-Dichlorophenol
 Concen: 38.98 ng
 RT: 8.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.4	44.9	84.9
98	29.9	13.0	53.0

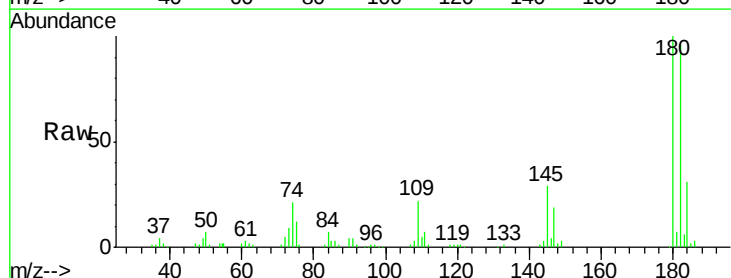


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

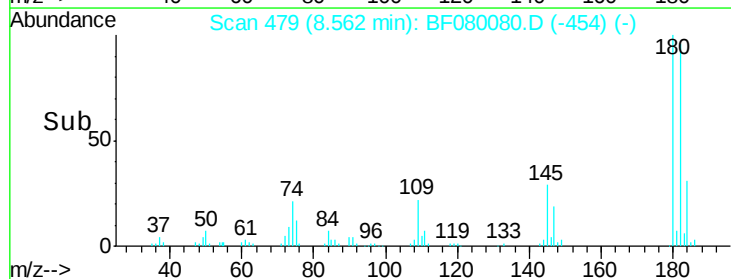
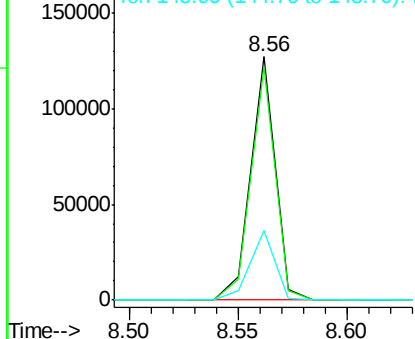


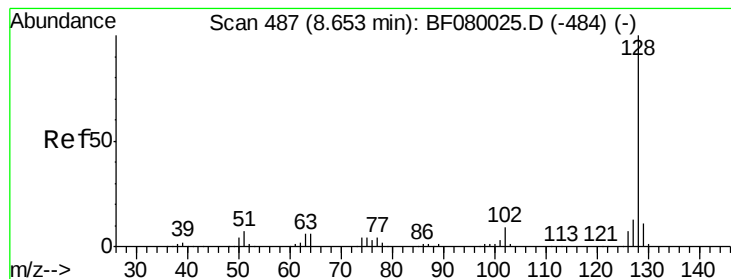
#30
 1,2,4-Trichlorobenzene
 Concen: 38.84 ng
 RT: 8.56 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.1	115.7
145	28.6	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: 34.77 ng

RT: 8.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

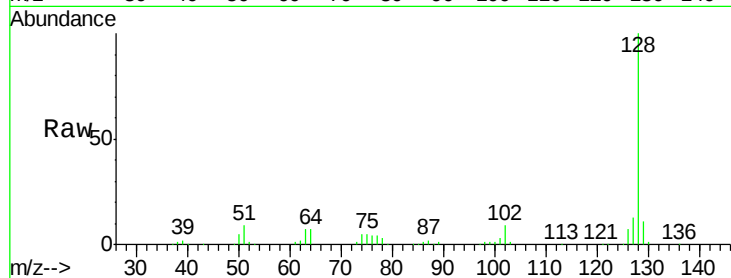
Tgt Ion:128 Resp: 308856

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

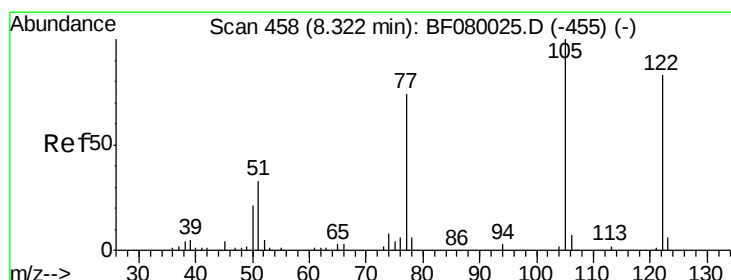
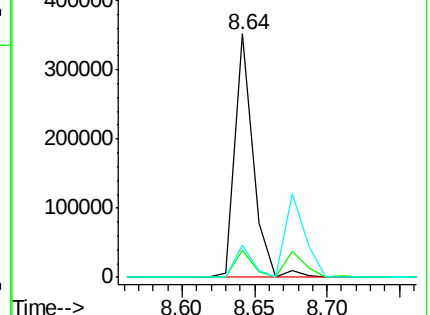
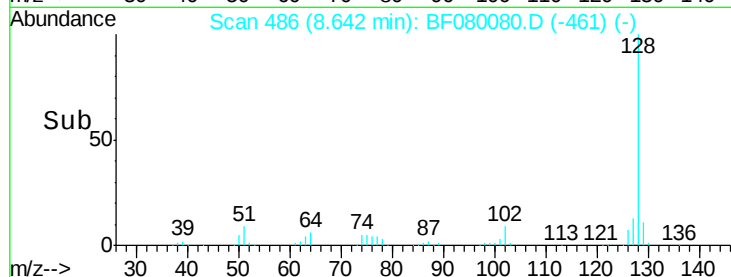
127 13.2 9.9 14.9



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: 56.42 ng

RT: 8.25 min Scan# 452

Delta R.T. -0.08 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

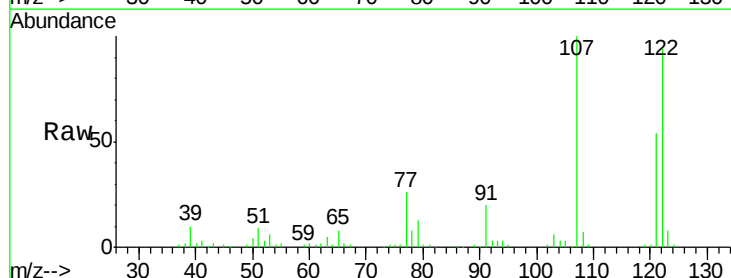
Tgt Ion:122 Resp: 89686

Ion Ratio Lower Upper

122 100

105 3.3 76.1 116.1#

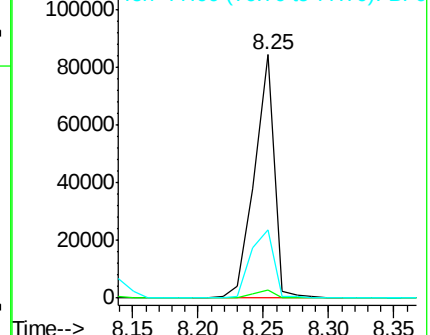
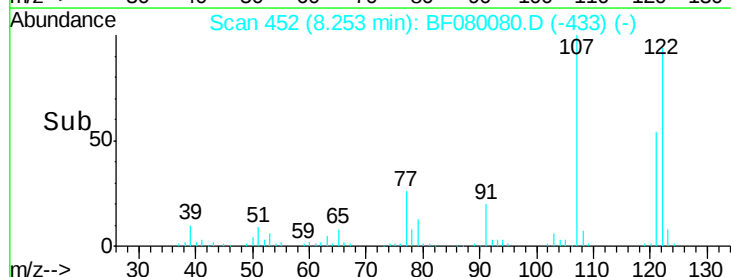
77 28.0 40.5 80.5#

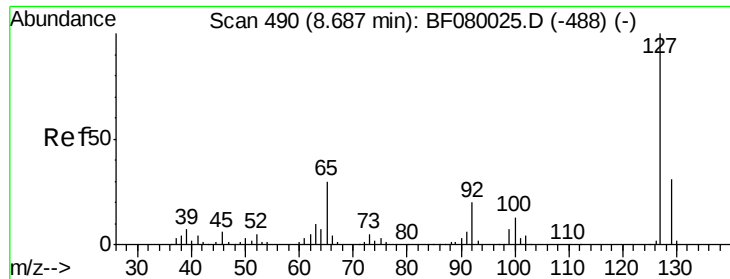


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

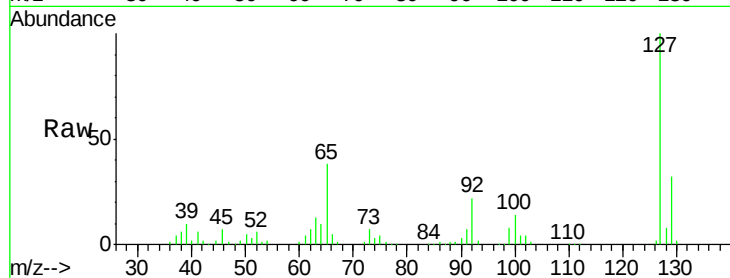




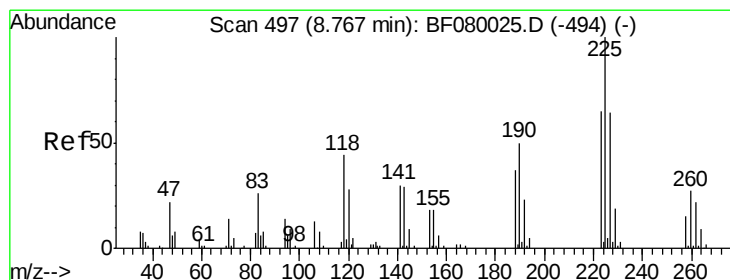
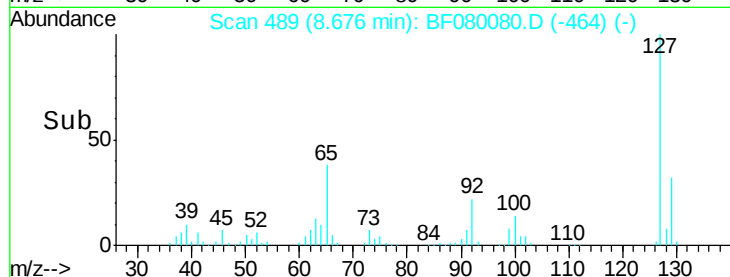
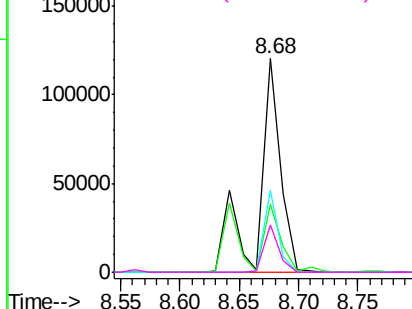
#33
4-Chloroaniline
Concen: 40.62 ng
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion:	127	Resp:	154439
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	38.1	17.9	26.9#
92	22.1	10.5	15.7#

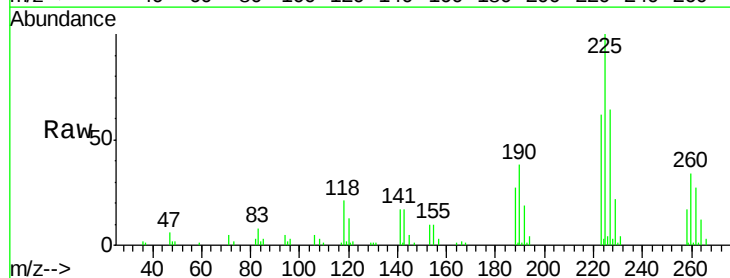


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

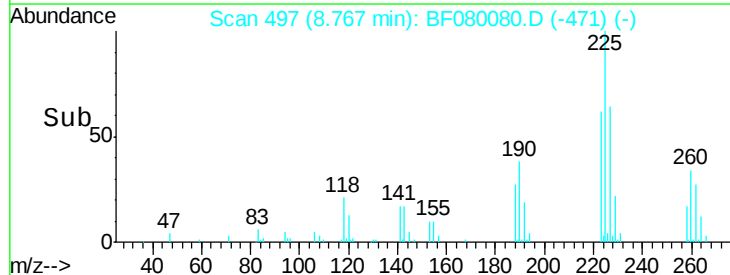
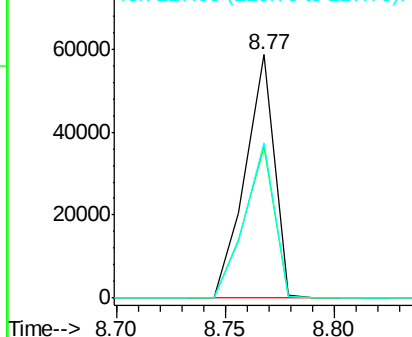


#34
Hexachlorobutadiene
Concen: 34.76 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion:	225	Resp:	54737
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	63.8	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

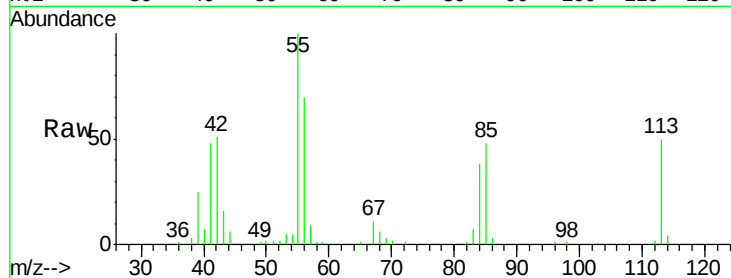




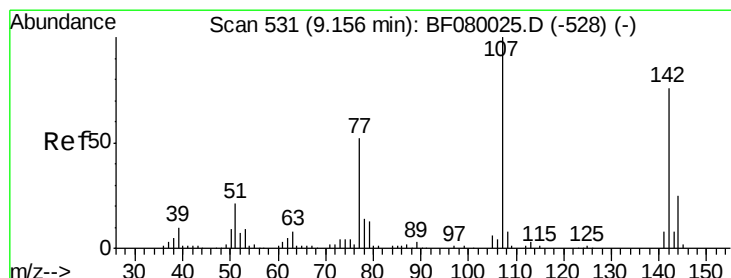
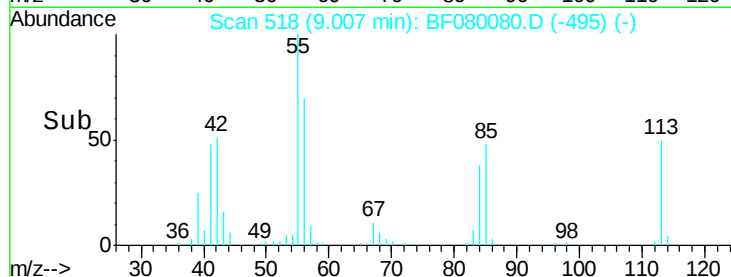
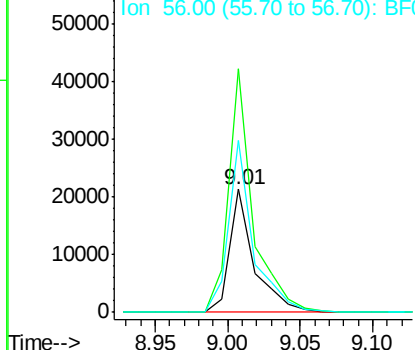
#35
 Caprolactam
 Concen: 33.87 ng
 RT: 9.01 min Scan# 518
 Delta R.T. -0.03 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion:113 Resp: 24756
 Ion Ratio Lower Upper
 113 100
 55 198.1 152.4 192.4#
 56 139.5 104.6 144.6

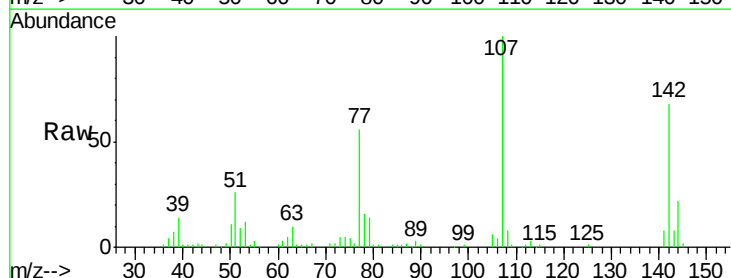


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

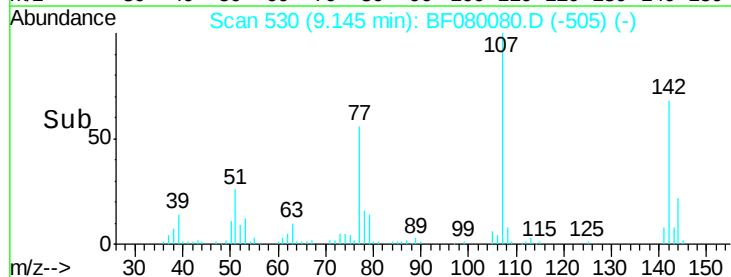
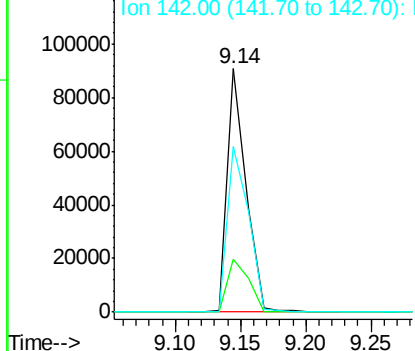


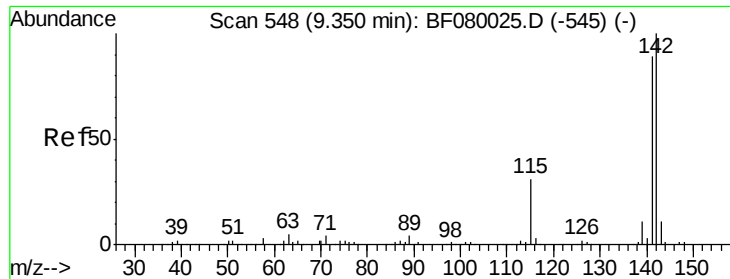
#36
 4-Chloro-3-methylphenol
 Concen: 35.84 ng
 RT: 9.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion:107 Resp: 91030
 Ion Ratio Lower Upper
 107 100
 144 21.5 25.4 38.0#
 142 68.2 77.3 115.9#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

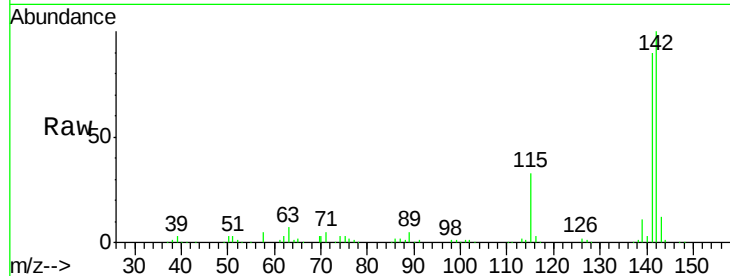




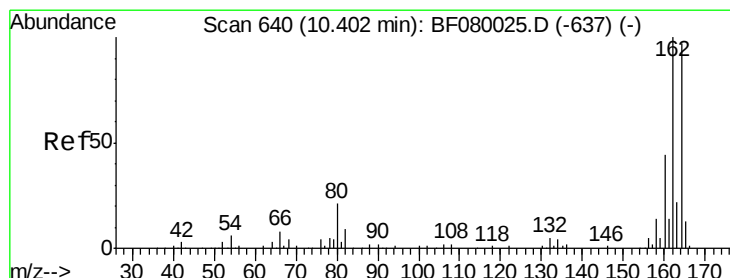
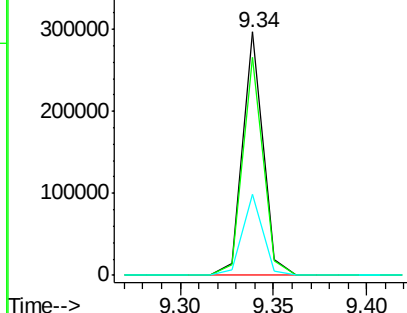
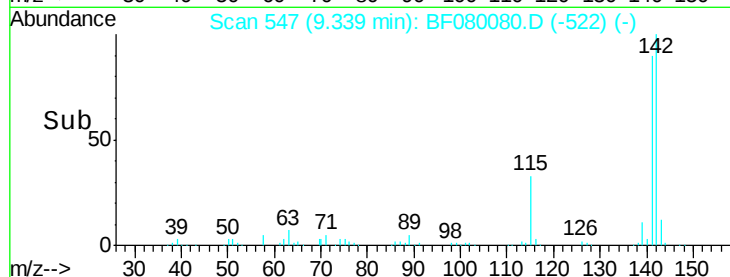
#37
 2-Methylnaphthalene
 Concen: 39.67 ng
 RT: 9.34 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion:142 Resp: 227933
 Ion Ratio Lower Upper
 142 100
 141 89.5 67.5 101.3
 115 33.1 18.2 27.2#

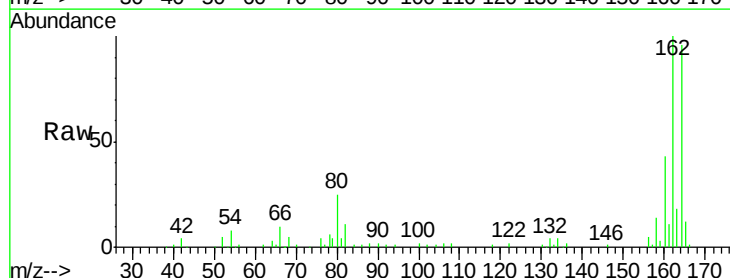


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

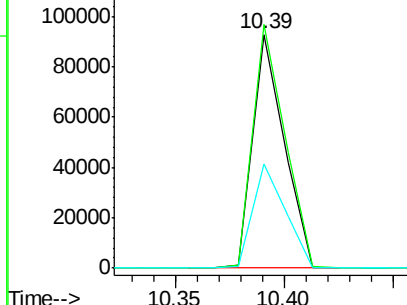
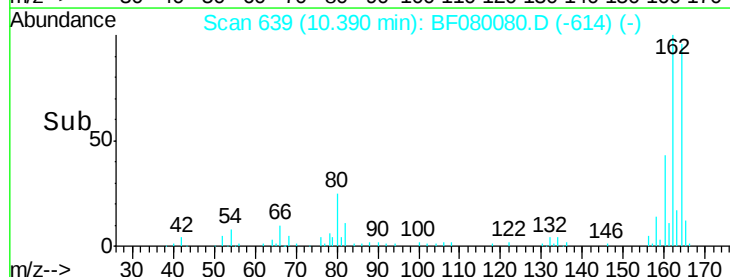


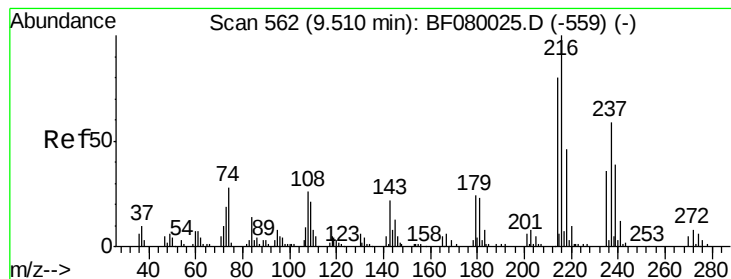
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion:164 Resp: 93260
 Ion Ratio Lower Upper
 164 100
 162 104.1 75.2 112.8
 160 44.6 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.16 ng

RT: 9.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

Tgt Ion:216 Resp: 103562

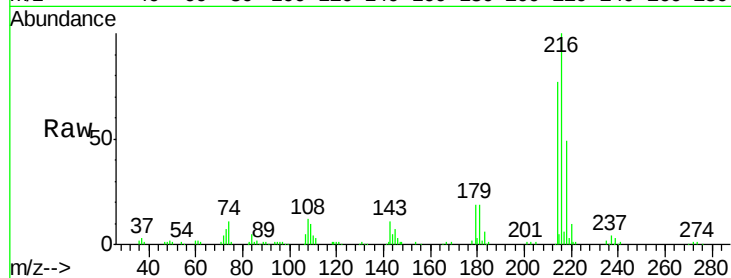
Ion Ratio Lower Upper

216 100

214 77.5 63.5 95.3

179 20.3 16.6 24.8

108 18.1 16.3 24.5

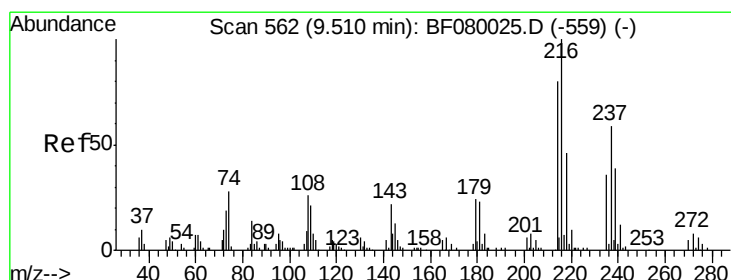
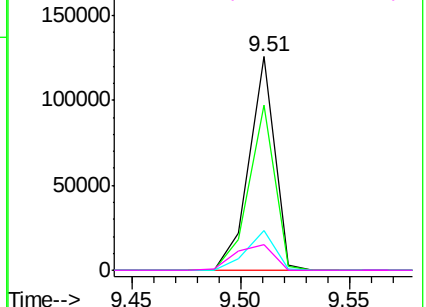
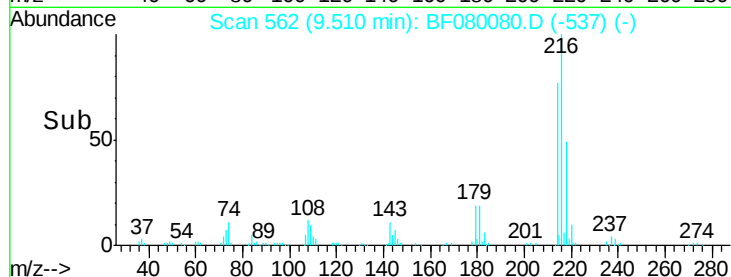


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 70.80 ng

RT: 9.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

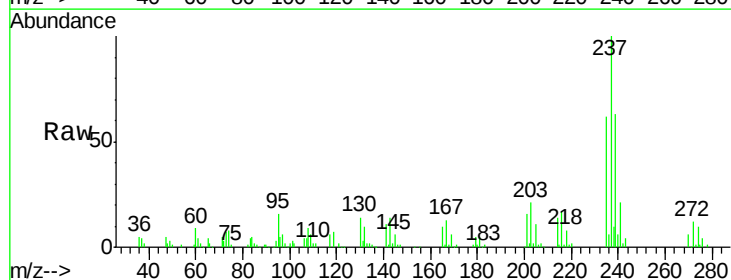
Tgt Ion:237 Resp: 97787

Ion Ratio Lower Upper

237 100

235 62.0 42.0 82.0

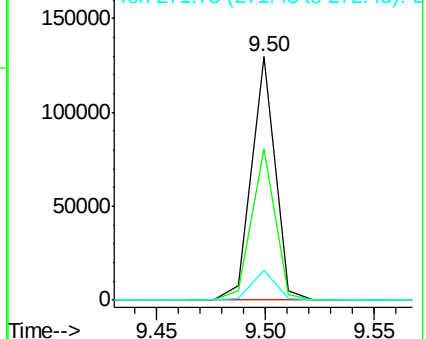
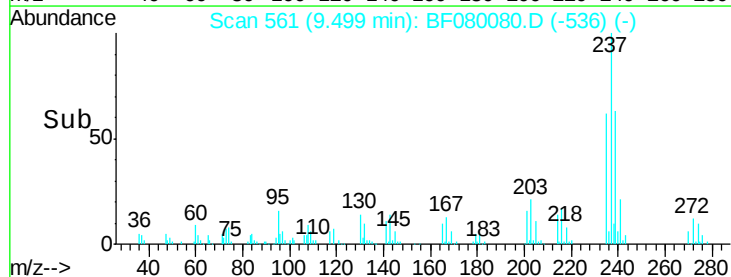
272 12.2 0.0 36.1

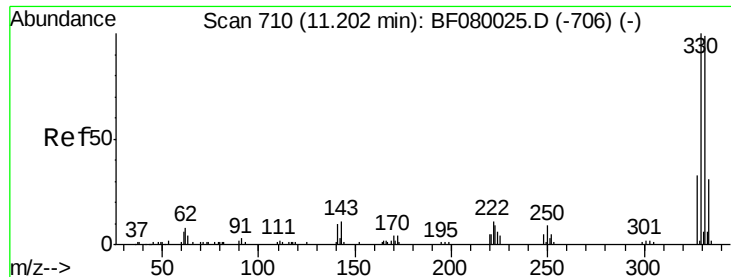


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

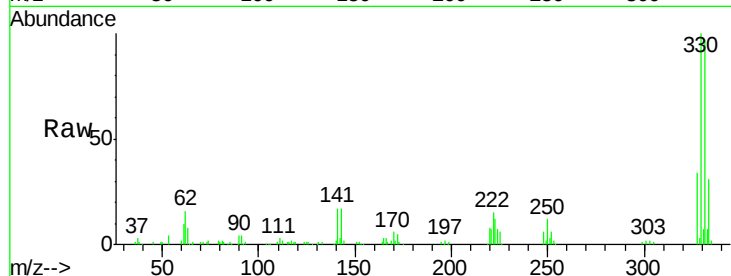




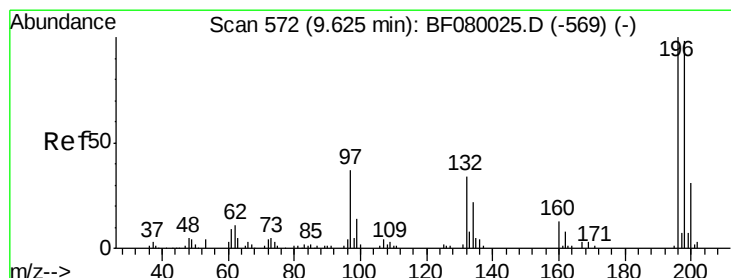
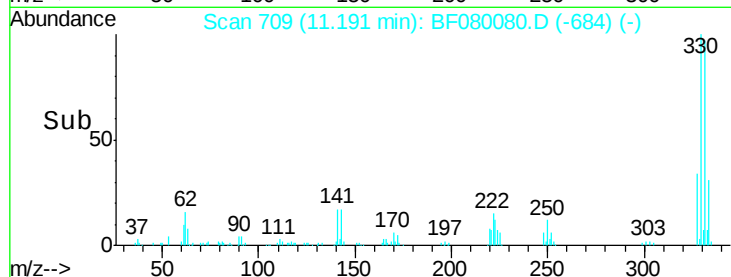
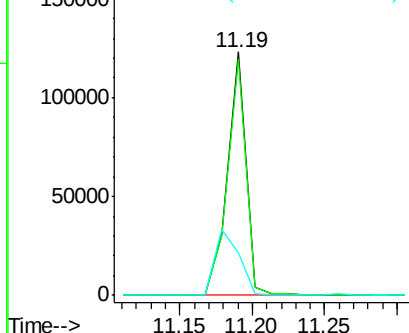
#41
 2,4,6-Tribromophenol
 Concen: 120.43 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion:330 Resp: 109827
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 34.9 29.7 44.5

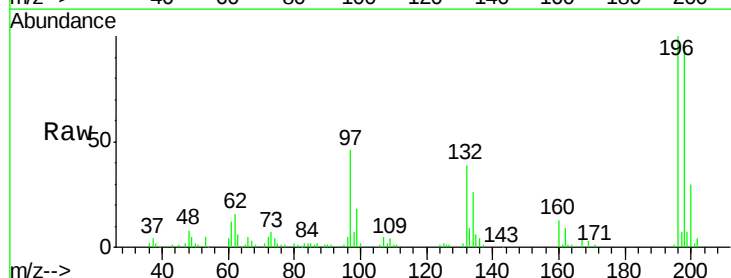


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

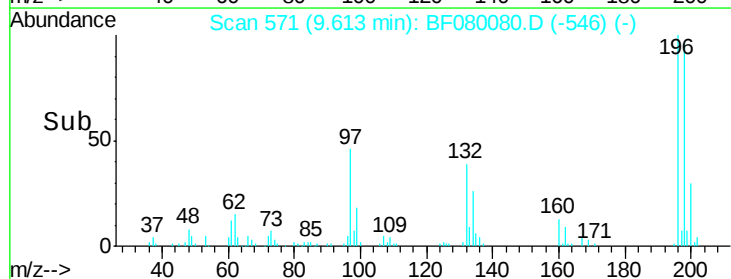
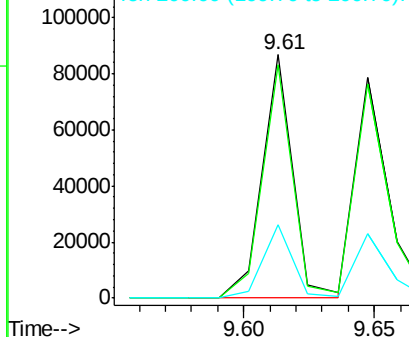


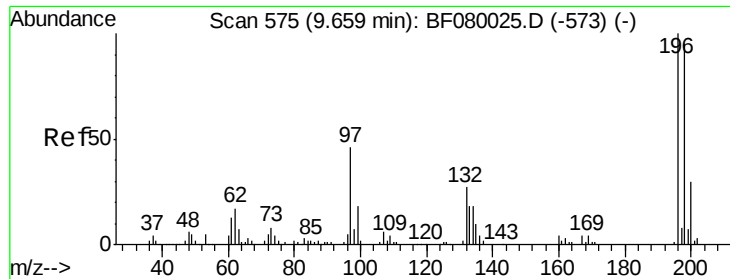
#42
 2,4,6-Trichlorophenol
 Concen: 38.21 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion:196 Resp: 70564
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 200 30.0 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

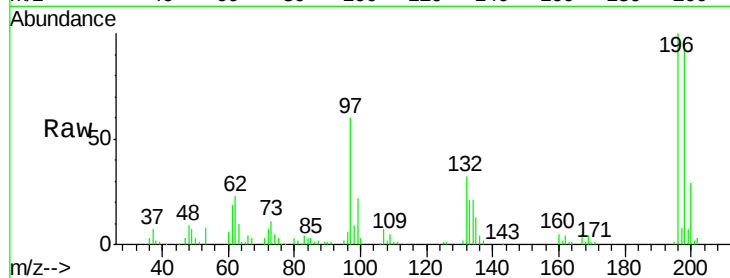




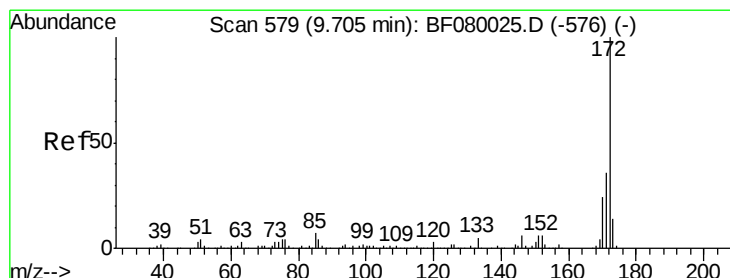
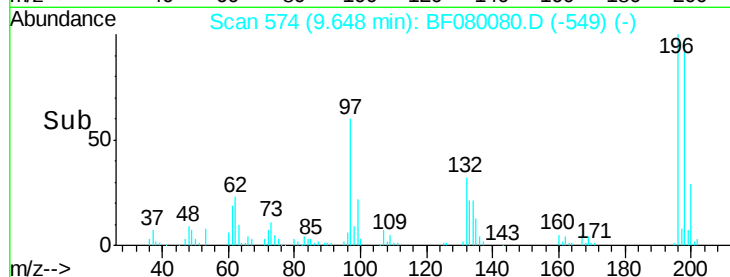
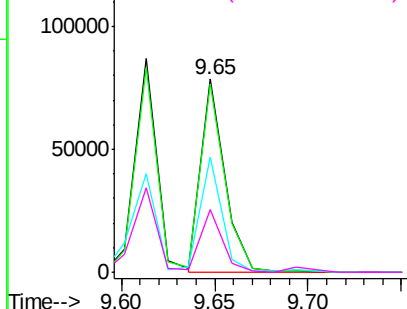
#43
 2,4,5-Trichlorophenol
 Concen: 32.70 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.4	113.0
97	59.6	33.3	49.9
132	32.3	24.6	37.0

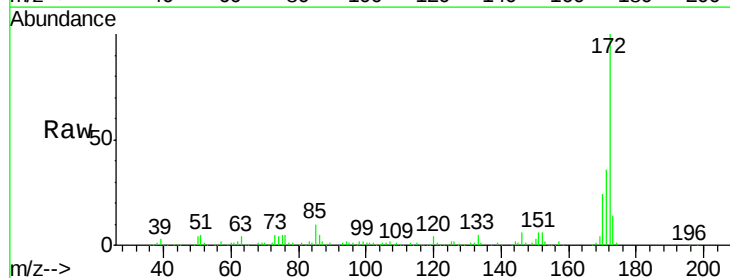


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

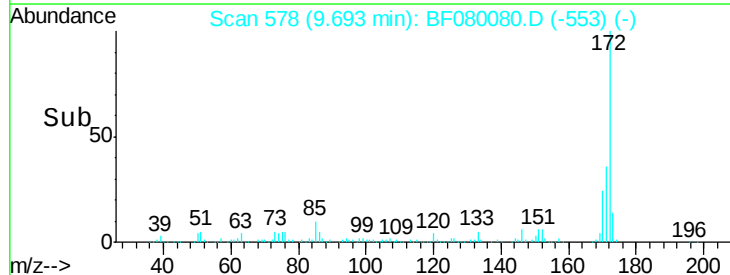
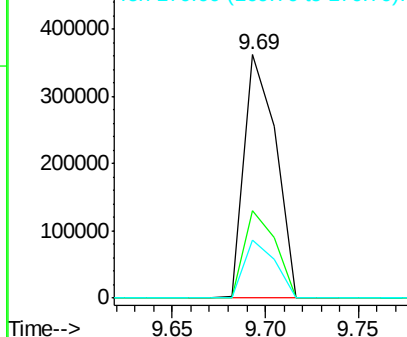


#44
 2-Fluorobiphenyl
 Concen: 65.29 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	23.9	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

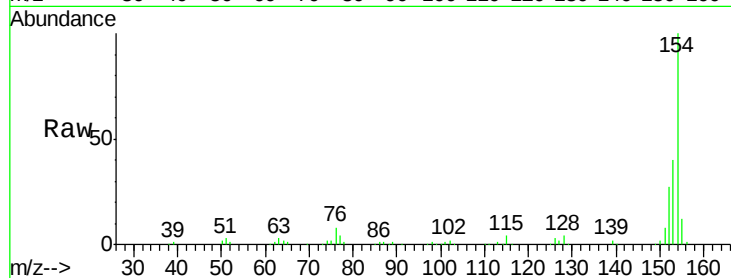




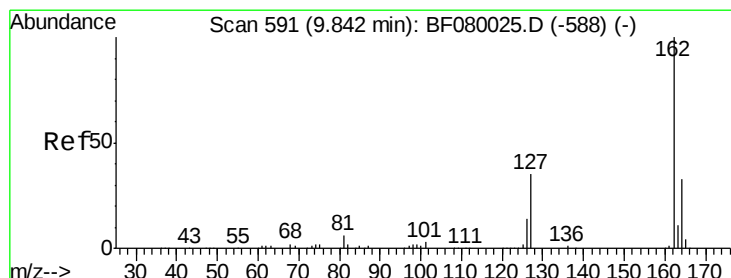
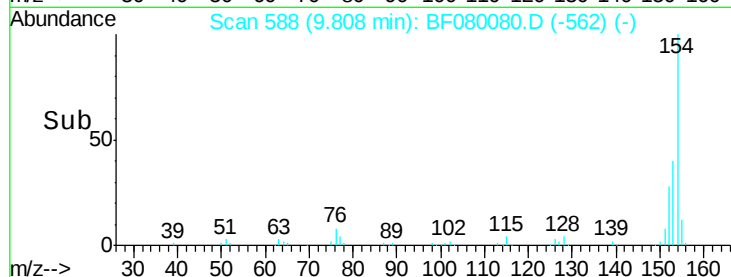
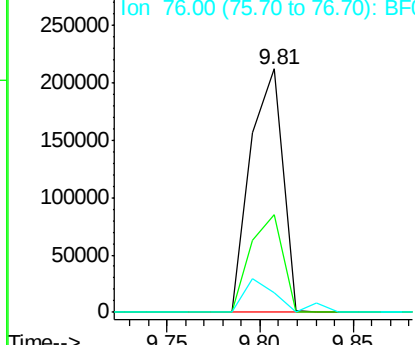
#45
 1,1'-Biphenyl
 Concen: 33.51 ng
 RT: 9.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion:154 Resp: 254271
 Ion Ratio Lower Upper
 154 100
 153 39.9 17.1 57.1
 76 7.9 0.0 31.6

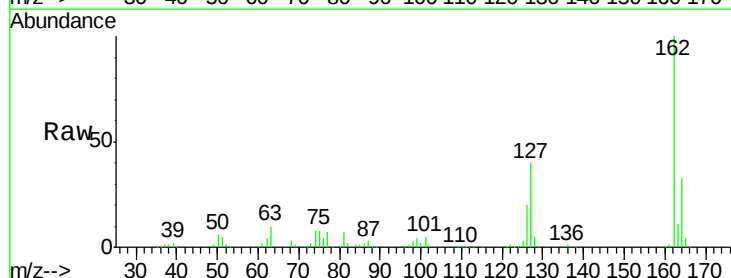


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

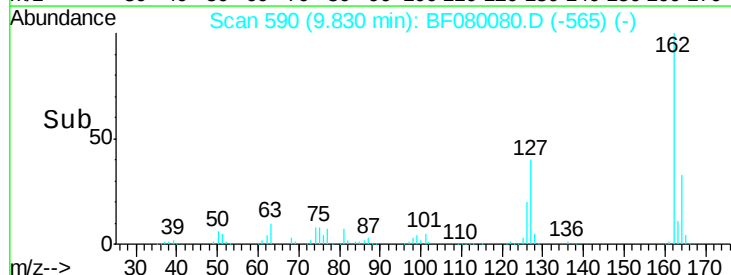
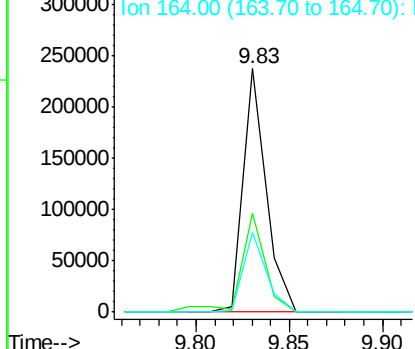


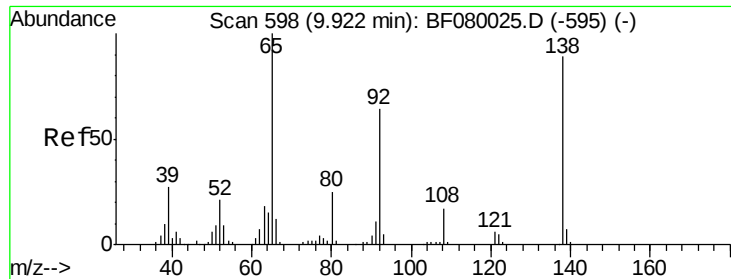
#46
 2-Chloronaphthalene
 Concen: 32.87 ng
 RT: 9.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion:162 Resp: 202371
 Ion Ratio Lower Upper
 162 100
 127 40.5 27.6 41.4
 164 32.6 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: 33.22 ng

RT: 9.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

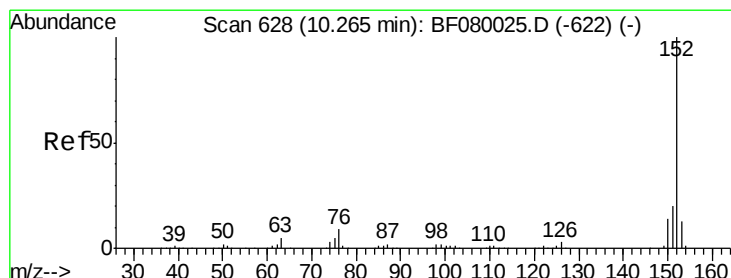
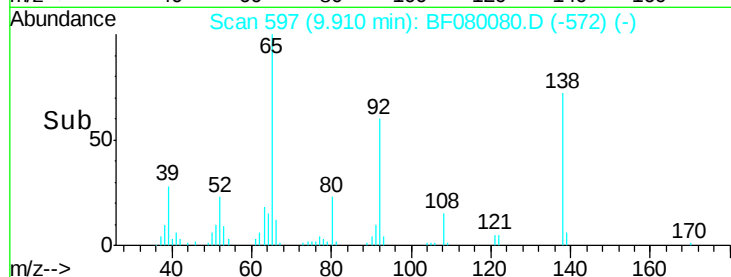
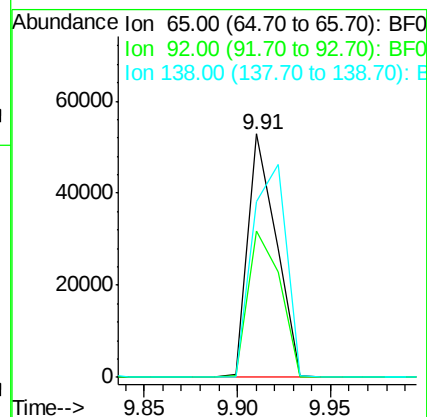
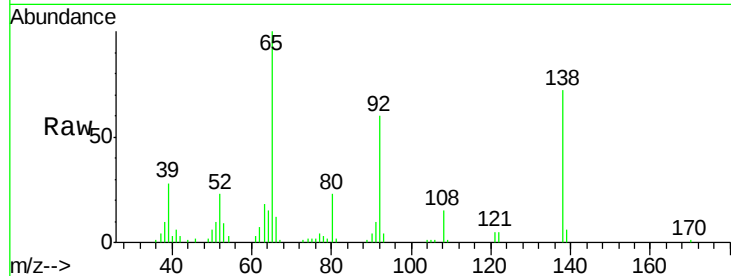
Tgt Ion: 65 Resp: 56151

Ion Ratio Lower Upper

65 100

92 60.0 55.4 83.0

138 72.4 115.5 173.3#



#48

Acenaphthylene

Concen: 34.08 ng

RT: 10.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

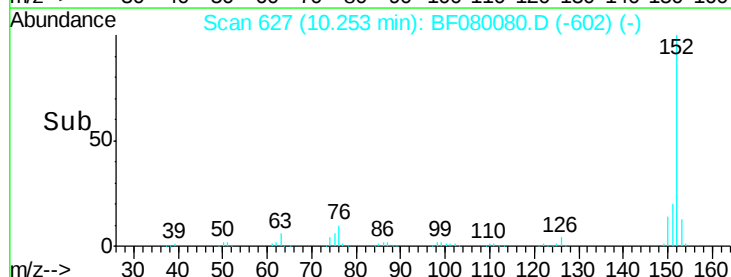
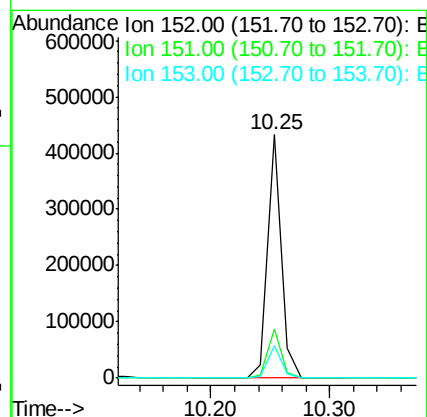
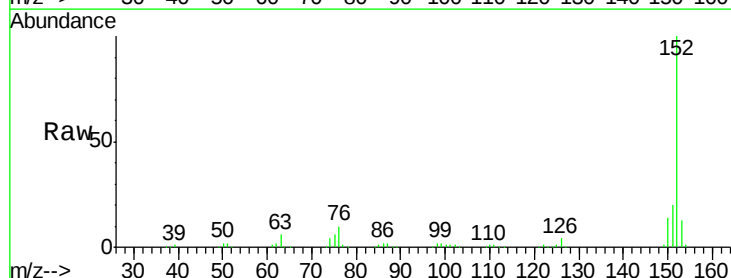
Tgt Ion: 152 Resp: 350219

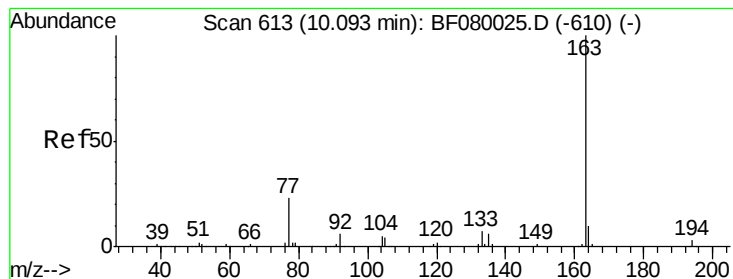
Ion Ratio Lower Upper

152 100

151 19.9 14.6 22.0

153 13.2 10.3 15.5





#49

Dimethylphthalate

Concen: 37.02 ng

RT: 10.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

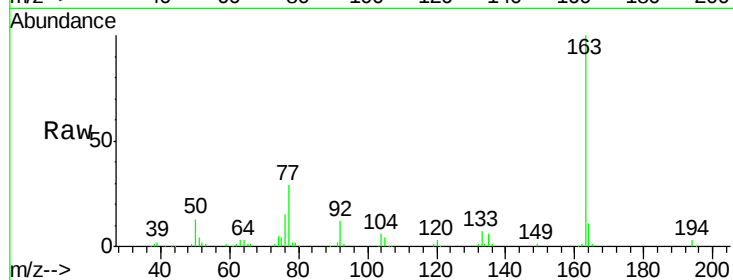
Tgt Ion:163 Resp: 259534

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

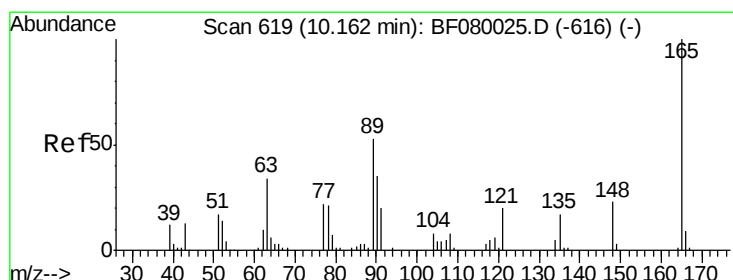
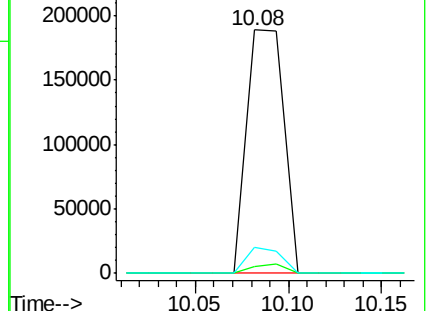
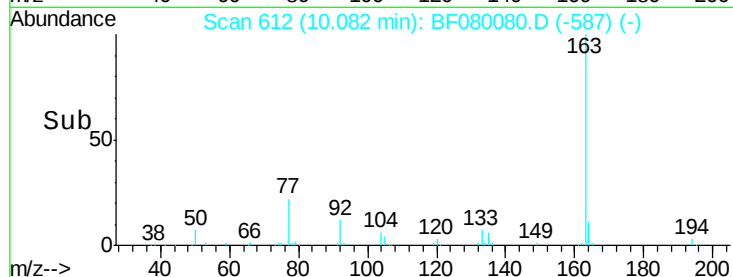
164 10.5 8.3 12.5



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: 36.11 ng

RT: 10.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

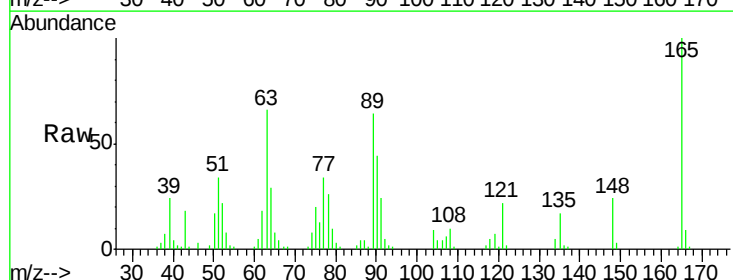
Tgt Ion:165 Resp: 50758

Ion Ratio Lower Upper

165 100

63 65.6 32.3 48.5#

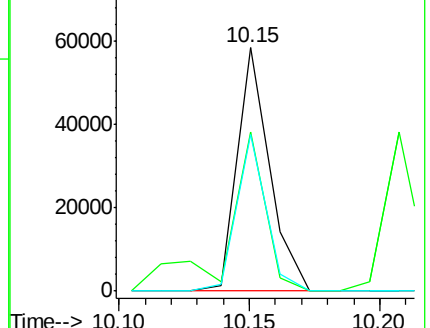
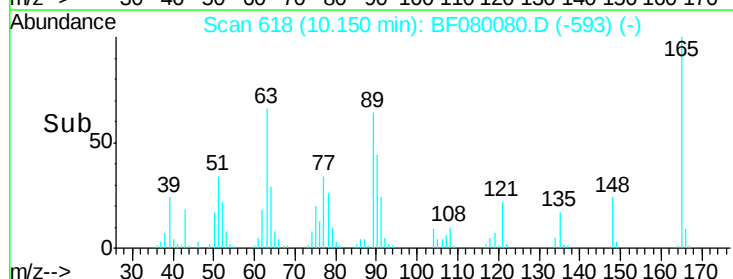
89 64.4 28.6 43.0#

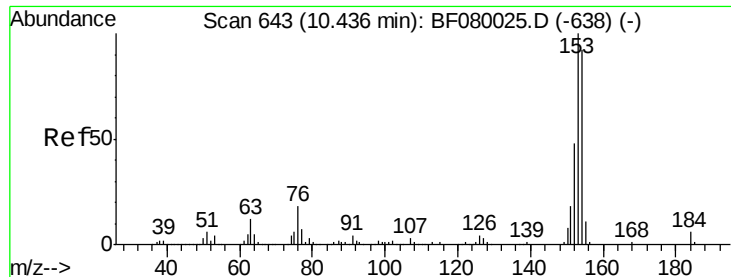


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.43 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

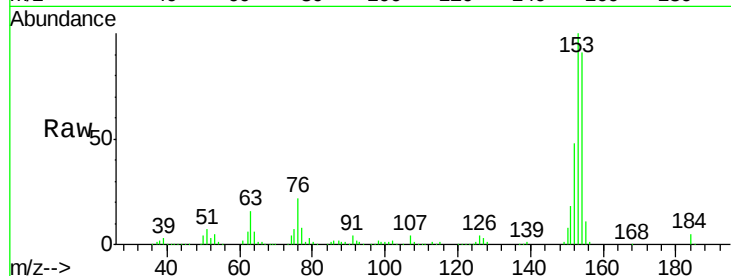
Tgt Ion:154 Resp: 210142

Ion Ratio Lower Upper

154 100

153 109.6 82.1 123.1

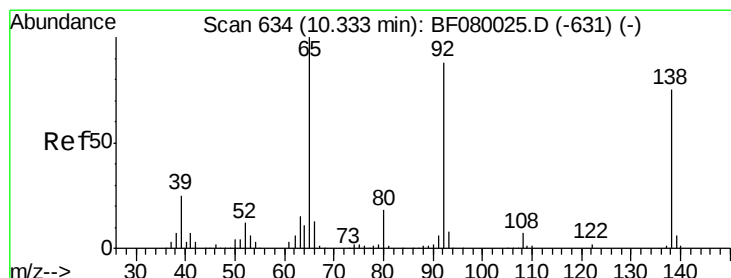
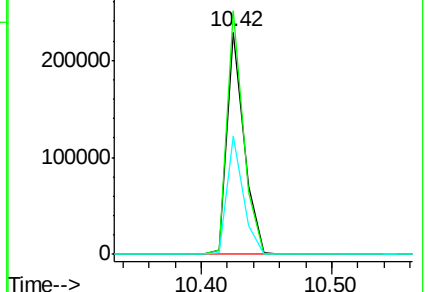
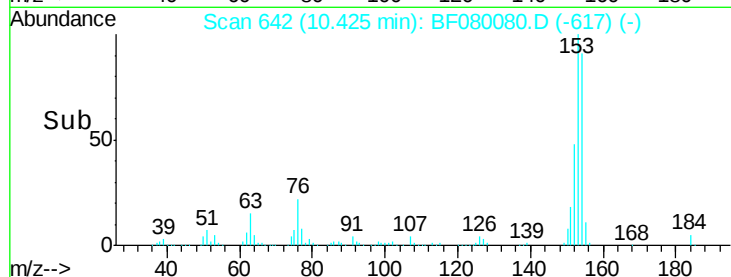
152 53.1 37.9 56.9



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: 33.60 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

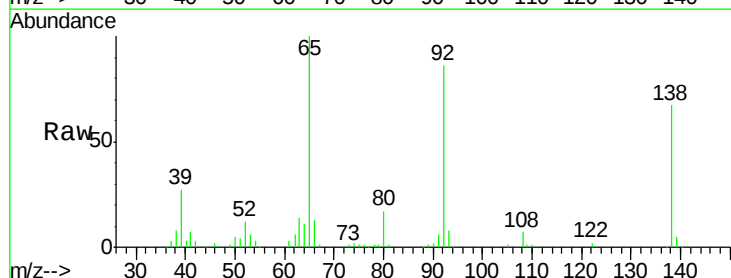
Tgt Ion:138 Resp: 54492

Ion Ratio Lower Upper

138 100

108 11.2 5.7 8.5#

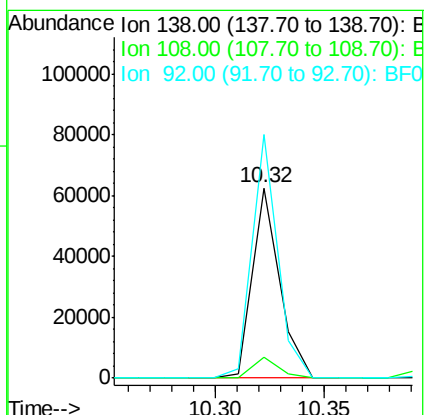
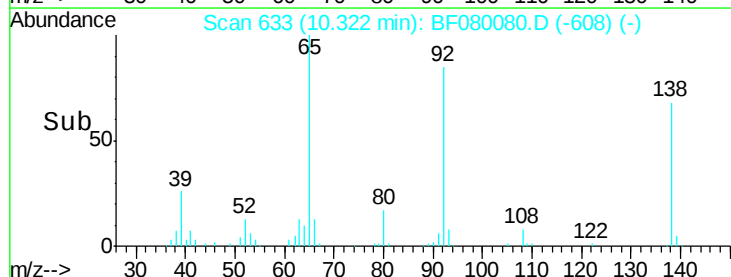
92 127.9 67.7 101.5#



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

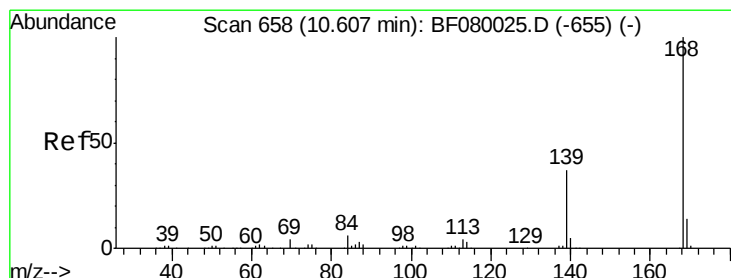
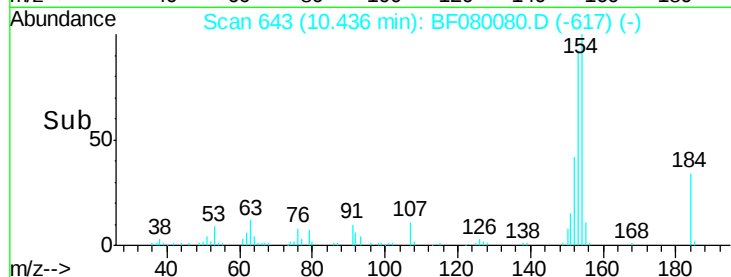
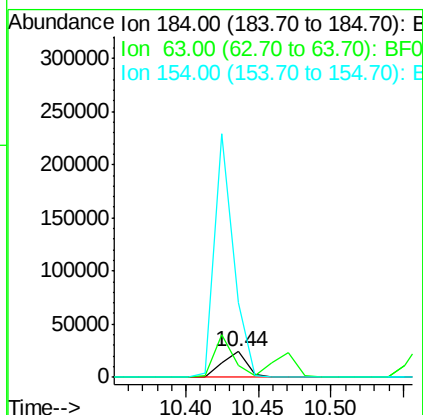
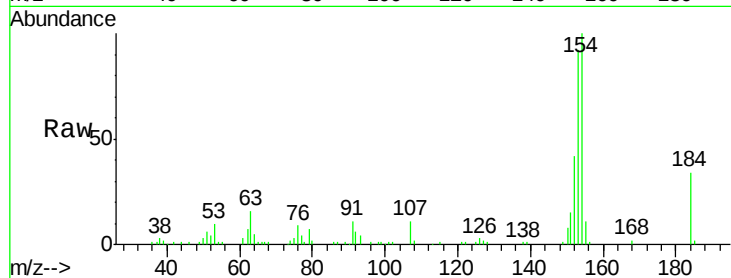




#53
2,4-Dinitrophenol
Concen: 52.41 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

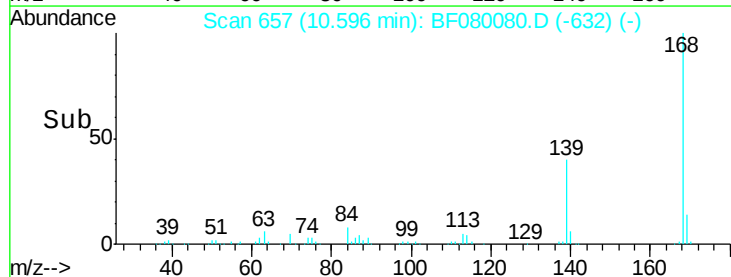
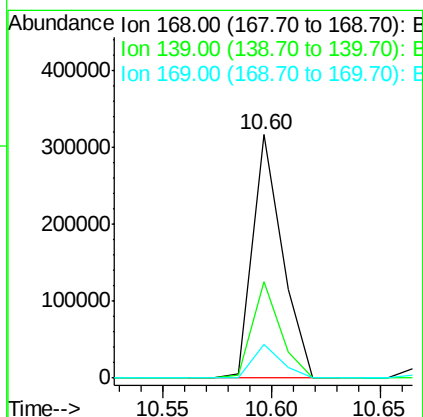
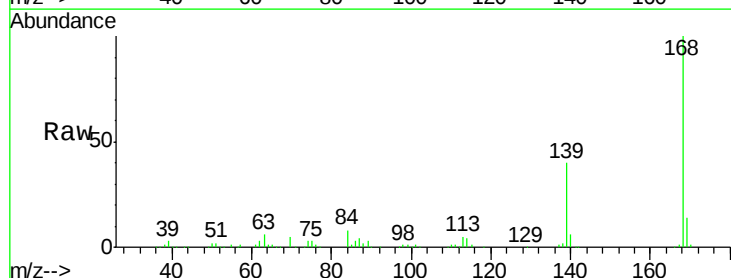
Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion:184 Resp: 28742
Ion Ratio Lower Upper
184 100
63 45.7 35.4 53.2
154 291.8 32.2 48.4#



#54
Dibenzofuran
Concen: 33.73 ng
RT: 10.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion:168 Resp: 300863
Ion Ratio Lower Upper
168 100
139 39.6 24.2 36.2#
169 13.7 10.6 15.8

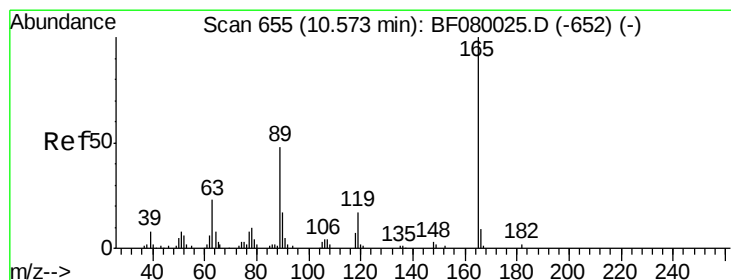
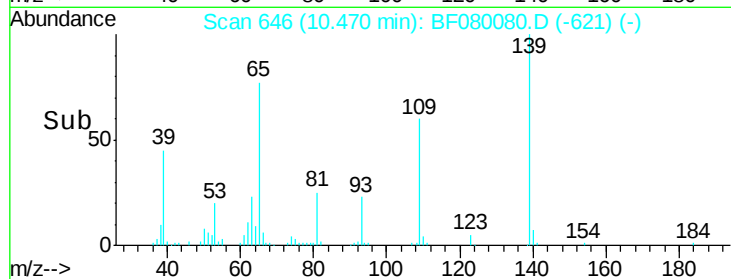
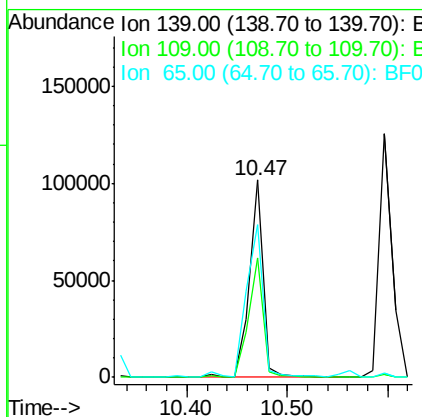
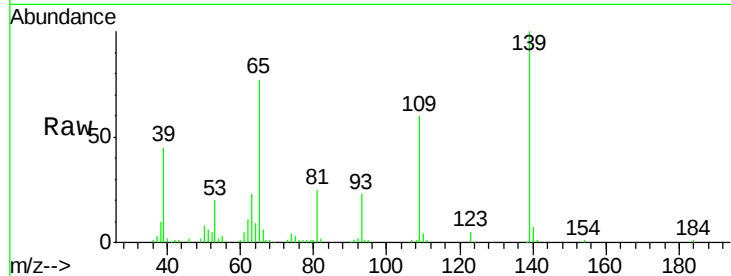




#55
4-Nitrophenol
Concen: 75.04 ng
RT: 10.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

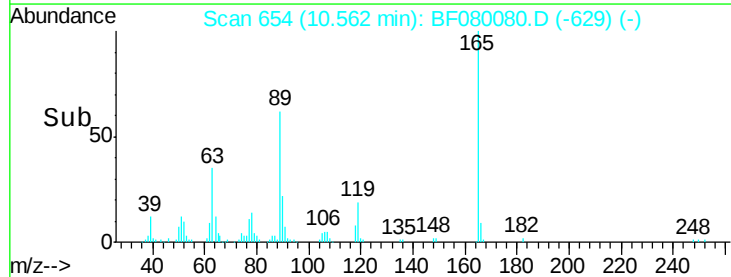
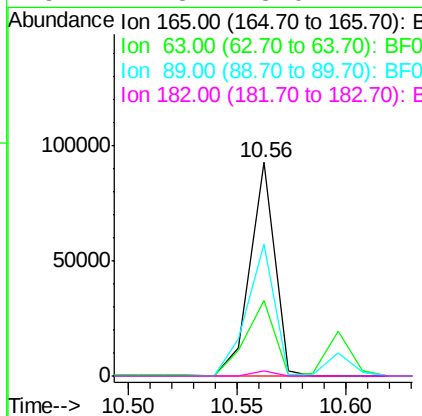
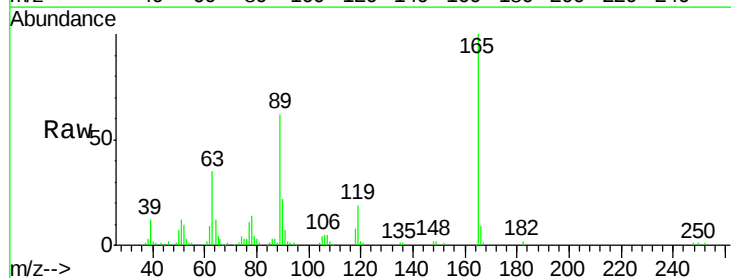
Instrument :
BNA_F
ClientSampleId :
PE-2MSD

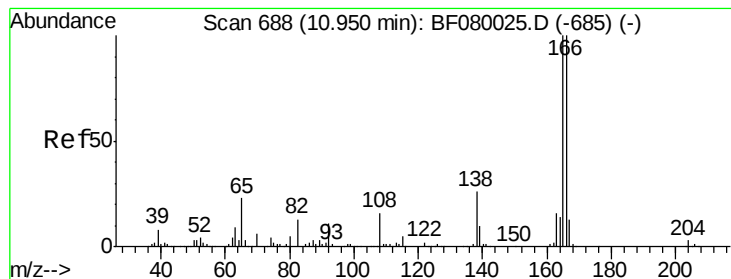
Tgt Ion:139 Resp: 97274
Ion Ratio Lower Upper
139 100
109 60.3 12.7 52.7#
65 77.3 45.9 85.9



#56
2,4-Dinitrotoluene
Concen: 41.25 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion:165 Resp: 73576
Ion Ratio Lower Upper
165 100
63 35.3 29.8 44.6
89 61.5 44.5 66.7
182 2.3 3.0 4.4#





#57

Fluorene

Concen: 34.10 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

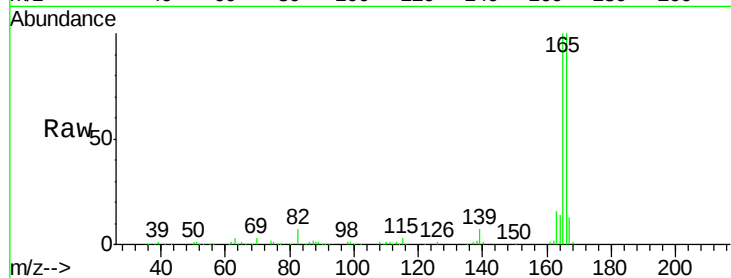
Tgt Ion:166 Resp: 241388

Ion Ratio Lower Upper

166 100

165 99.9 72.6 109.0

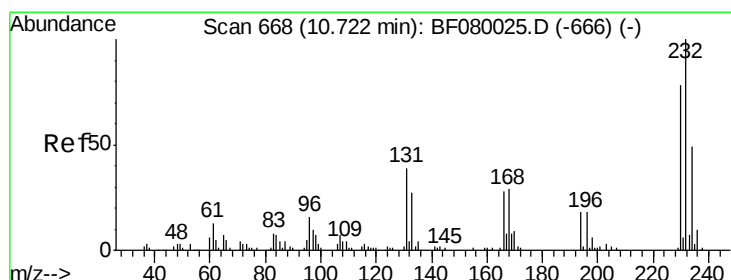
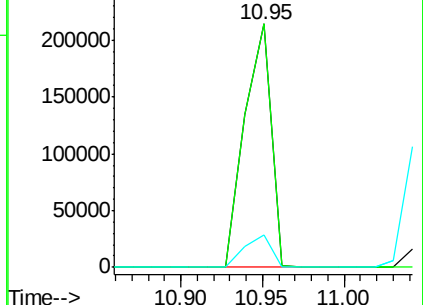
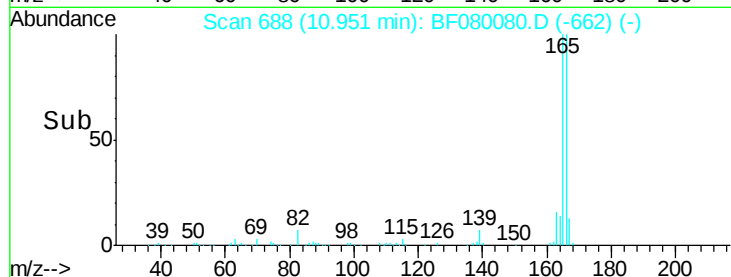
167 13.1 10.6 16.0



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: 34.83 ng

RT: 10.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion:232 Resp: 62561

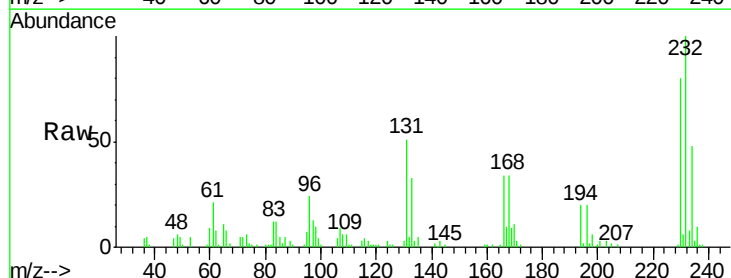
Ion Ratio Lower Upper

232 100

131 46.2 38.5 57.7

130 2.2 1.8 2.6

166 30.9 25.0 37.6

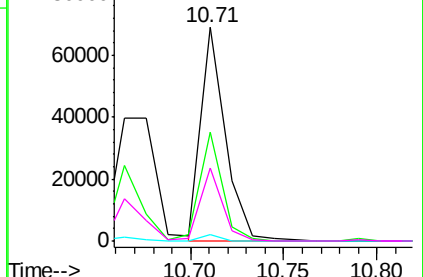
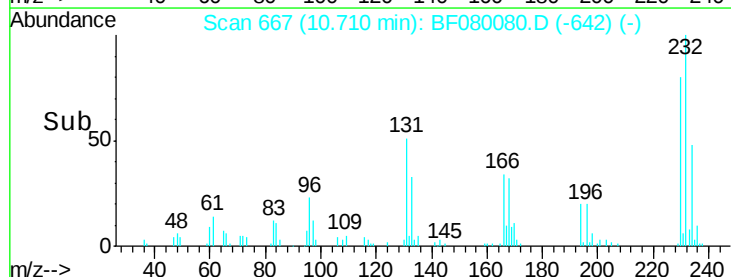


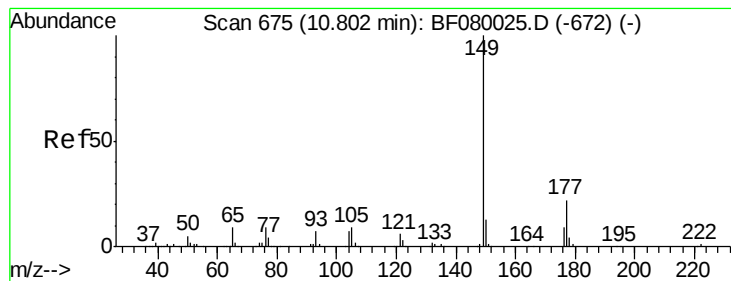
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.27 ng

RT: 10.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

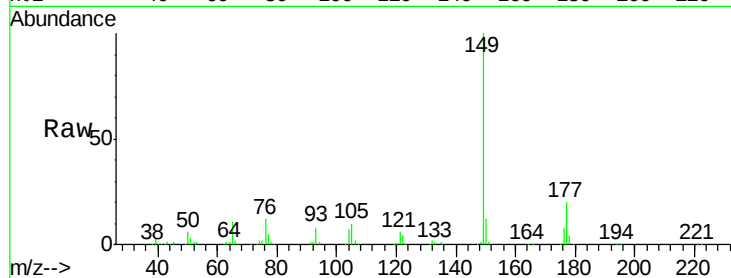
Tgt Ion:149 Resp: 249033

Ion Ratio Lower Upper

149 100

177 20.4 17.5 26.3

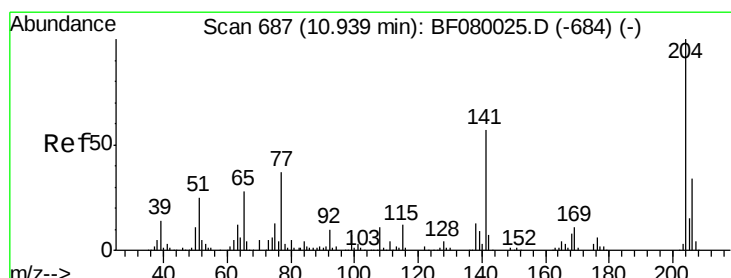
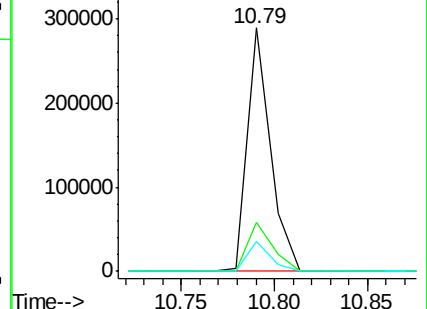
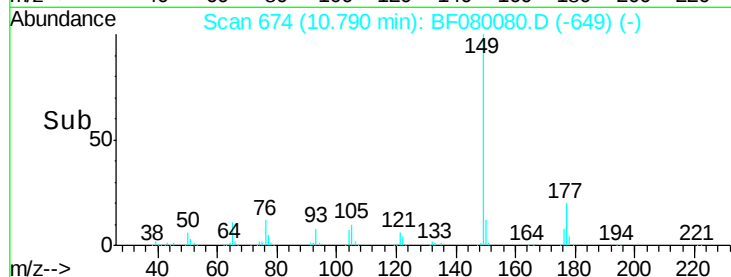
150 12.5 9.4 14.2



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: 35.49 ng

RT: 10.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

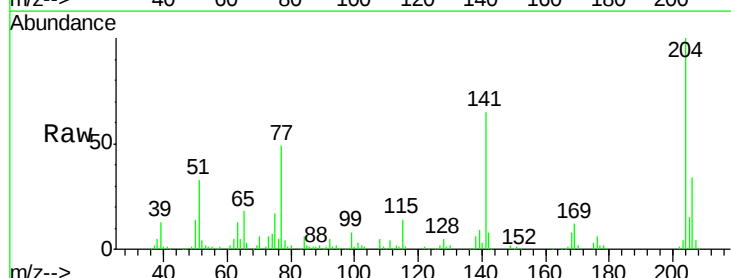
Tgt Ion:204 Resp: 120709

Ion Ratio Lower Upper

204 100

206 34.4 24.8 37.2

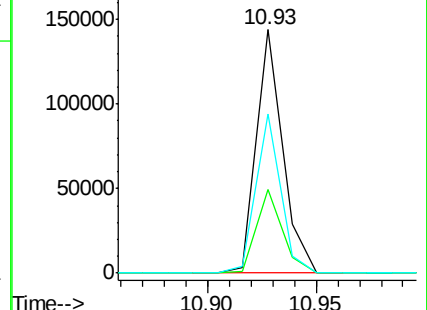
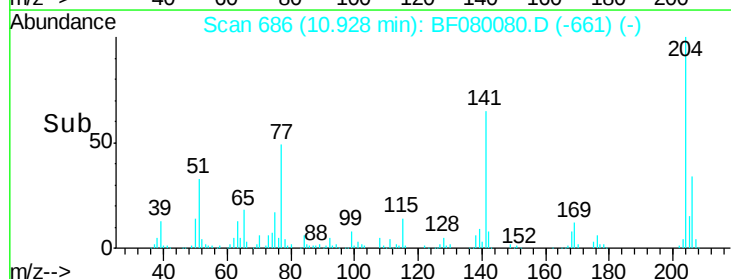
141 65.3 42.2 63.4#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.92 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

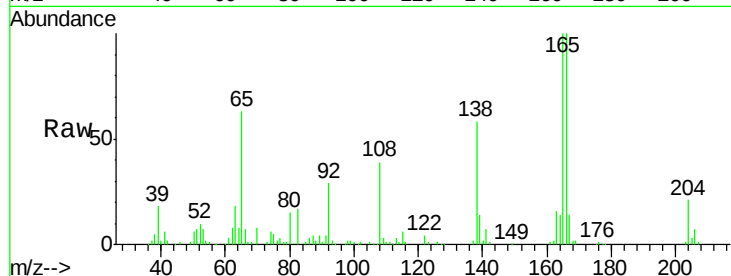
Tgt Ion:138 Resp: 63513

Ion Ratio Lower Upper

138 100

92 49.3 12.6 52.6

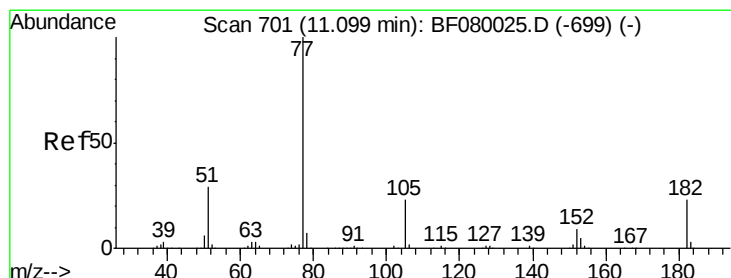
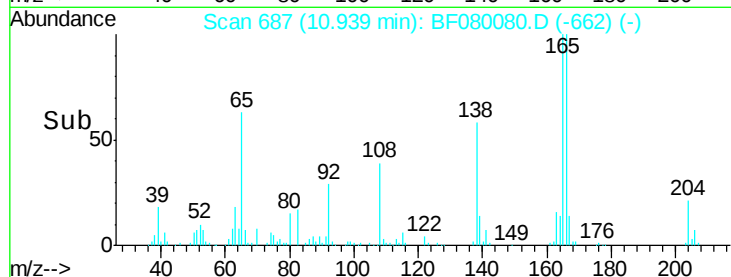
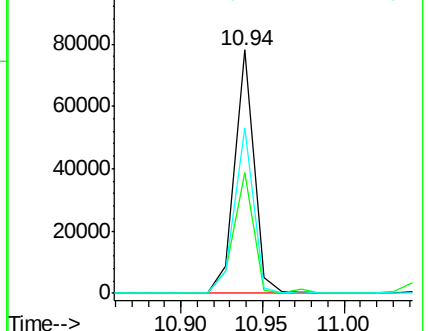
108 67.9 12.4 52.4#



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: 37.28 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion: 77 Resp: 267912

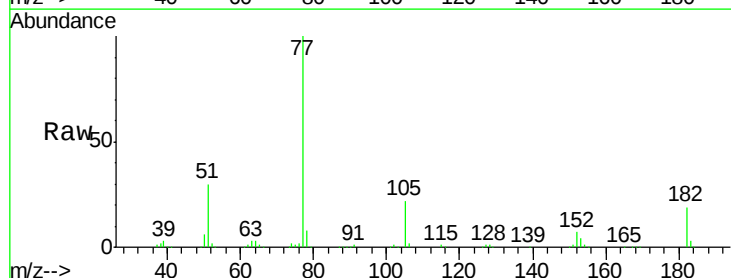
Ion Ratio Lower Upper

77 100

182 18.8 15.1 55.1

105 21.7 3.4 43.4

51 30.3 12.0 52.0

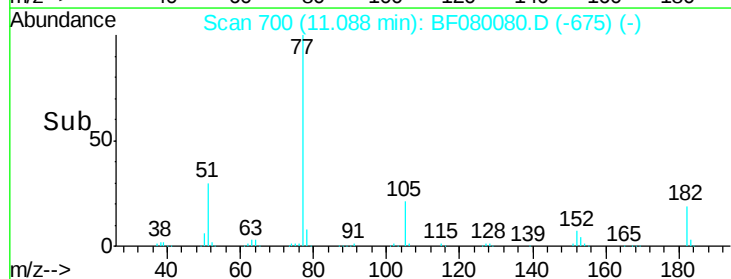
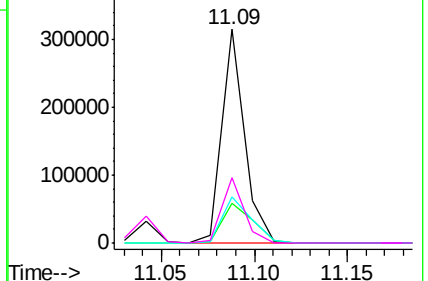


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

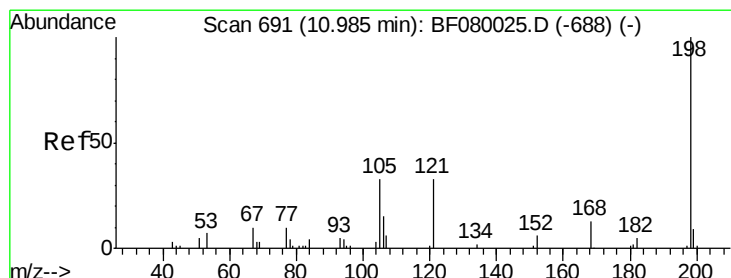
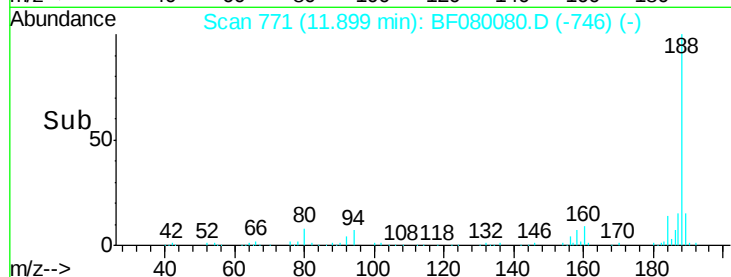
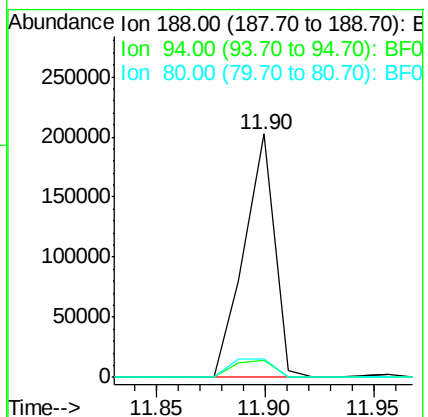
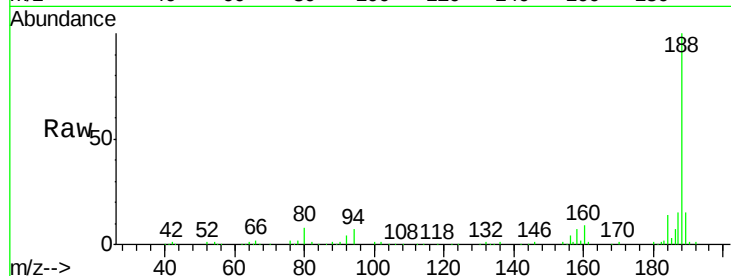




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

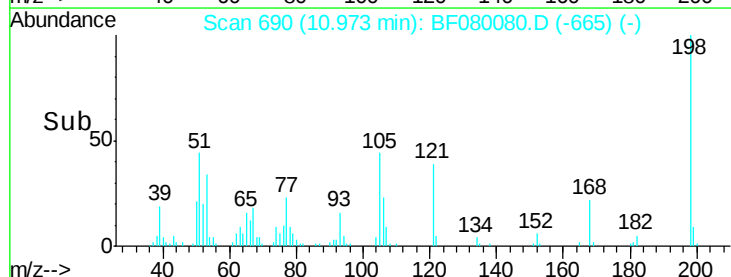
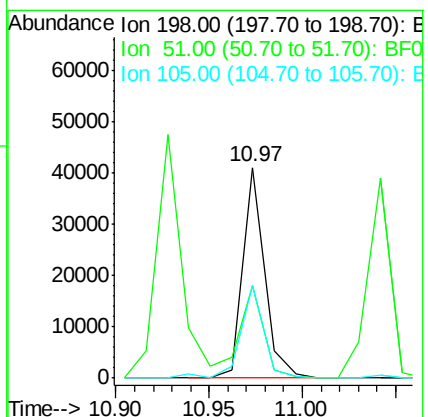
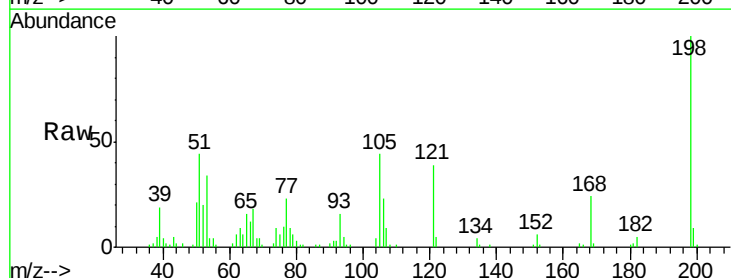
Instrument :
BNA_F
ClientSampleId :
PE-2MSD

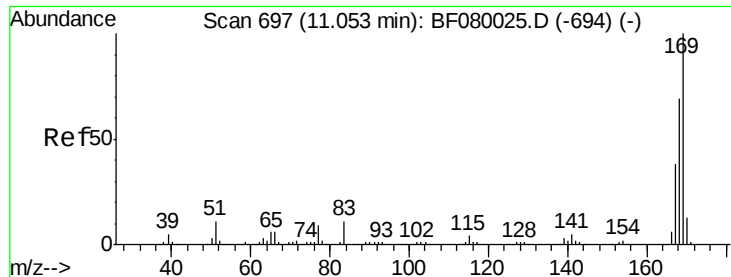
Tgt Ion:188 Resp: 198211
Ion Ratio Lower Upper
188 100
94 7.1 11.1 16.7#
80 7.6 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.86 ng
RT: 10.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion:198 Resp: 33413
Ion Ratio Lower Upper
198 100
51 43.7 39.6 79.6
105 44.0 28.5 68.5

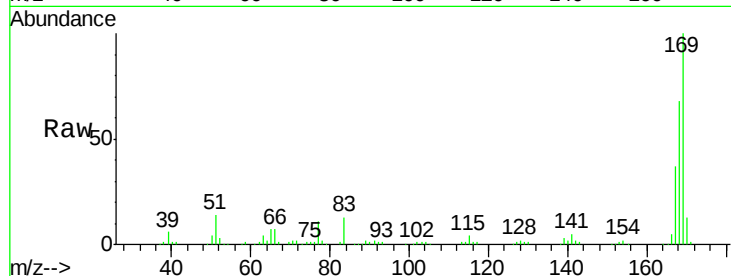




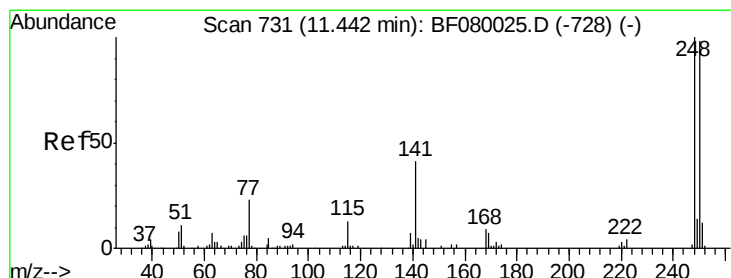
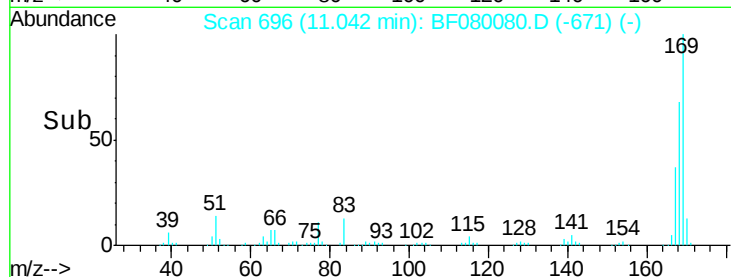
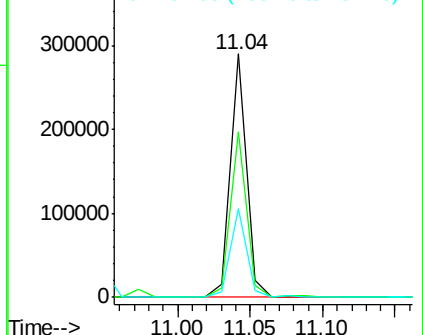
#65
 n-Nitrosodiphenylamine
 Concen: 34.80 ng
 RT: 11.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion:169 Resp: 224620
 Ion Ratio Lower Upper
 169 100
 168 68.0 48.9 73.3
 167 36.6 26.2 39.4

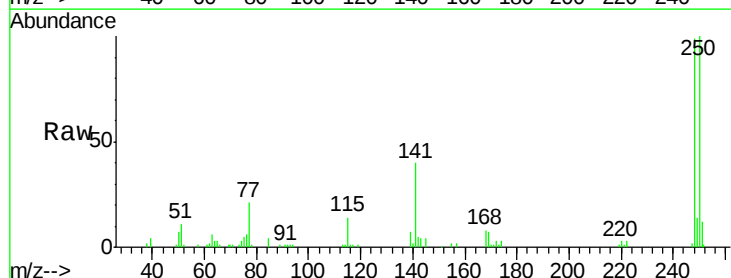


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

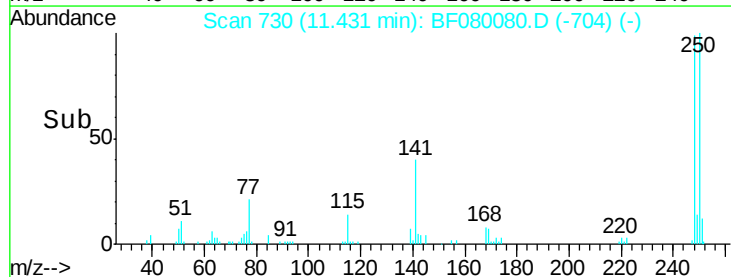
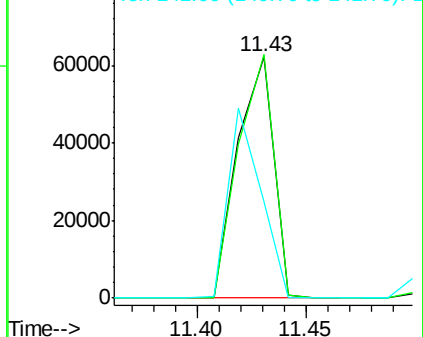


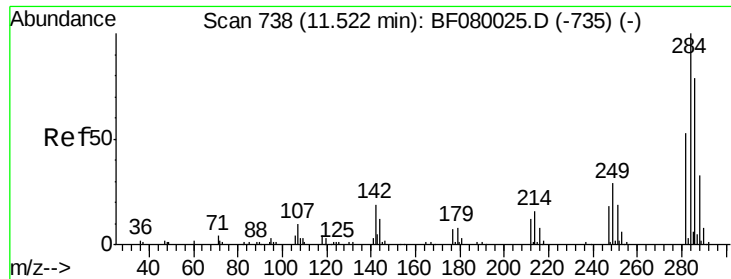
#66
 4-Bromophenyl-phenylether
 Concen: 33.91 ng
 RT: 11.43 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion:248 Resp: 71472
 Ion Ratio Lower Upper
 248 100
 250 100.8 78.5 117.7
 141 40.1 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

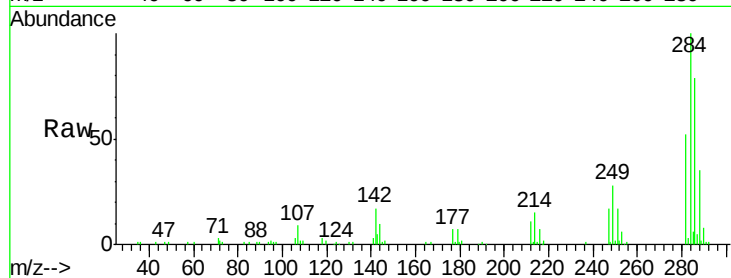




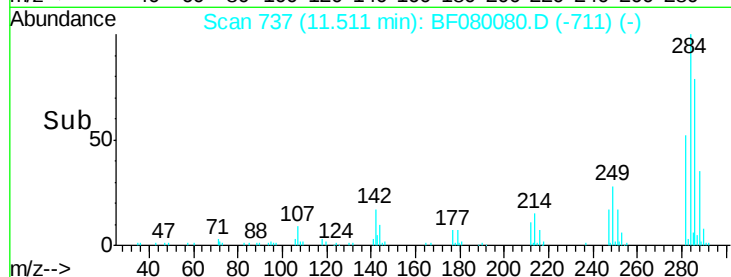
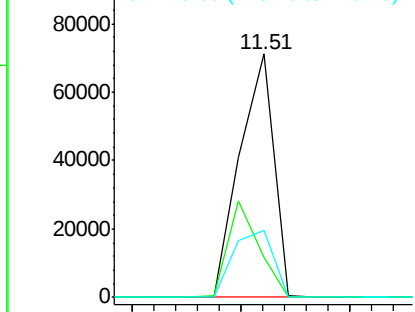
#67
Hexachlorobenzene
Concen: 32.97 ng
RT: 11.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion:284 Resp: 77215
Ion Ratio Lower Upper
284 100
142 16.5 29.5 44.3#
249 27.6 19.5 29.3

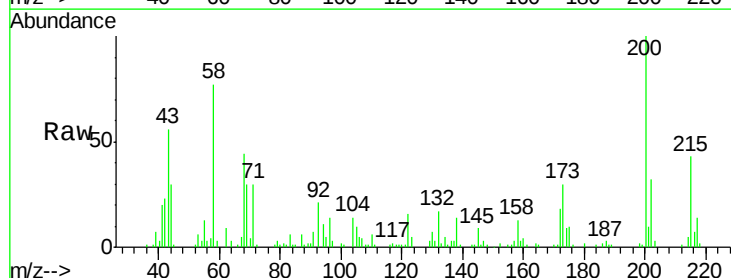


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

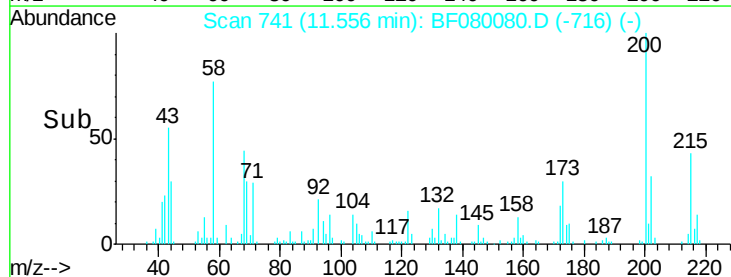
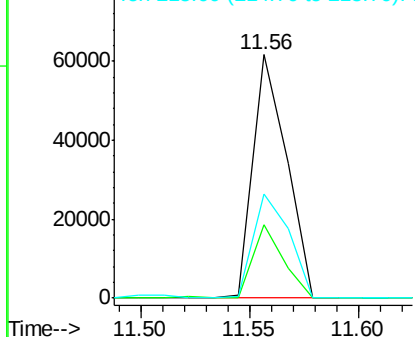


#68
Atrazine
Concen: 32.44 ng
RT: 11.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion:200 Resp: 66143
Ion Ratio Lower Upper
200 100
173 30.1 13.2 53.2
215 42.9 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

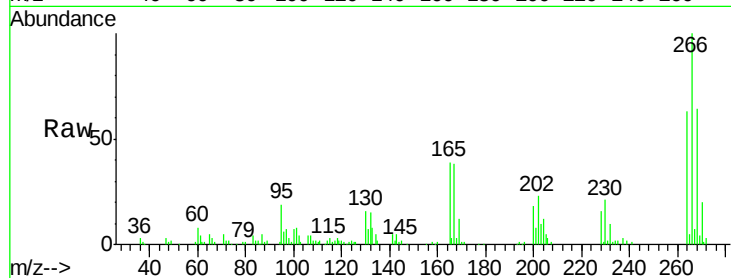




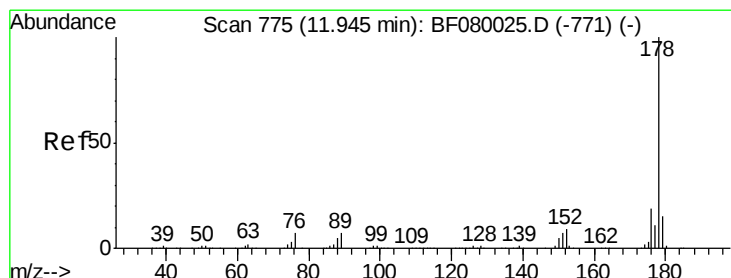
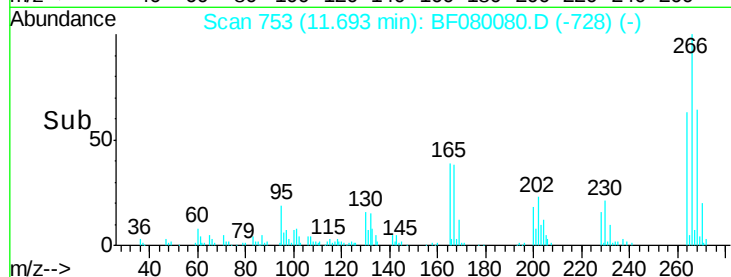
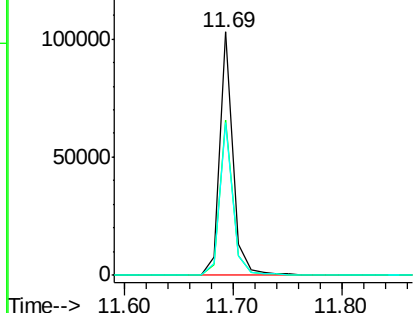
#69
 Pentachlorophenol
 Concen: 66.80 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion: 266 Resp: 88663
 Ion Ratio Lower Upper
 266 100
 268 63.5 49.8 74.6
 264 62.7 50.2 75.2

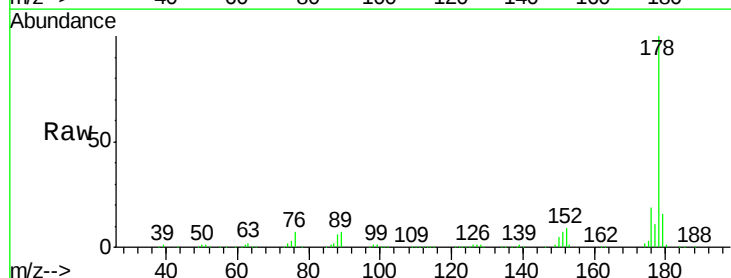


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

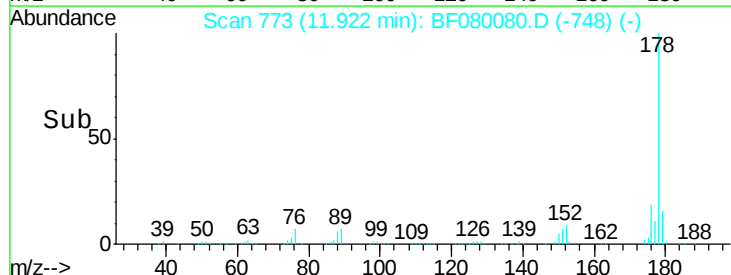
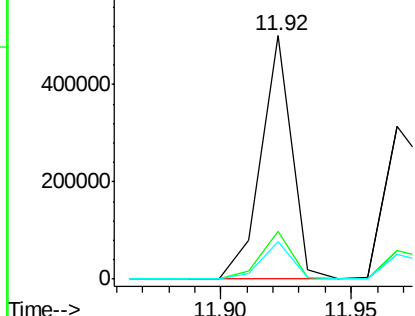


#70
 Phenanthrene
 Concen: 34.40 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion: 178 Resp: 412852
 Ion Ratio Lower Upper
 178 100
 176 19.4 13.8 20.8
 179 15.5 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

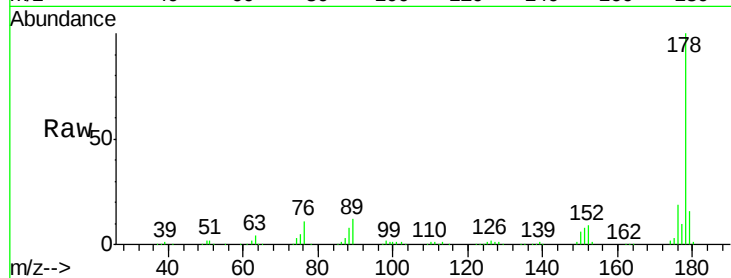




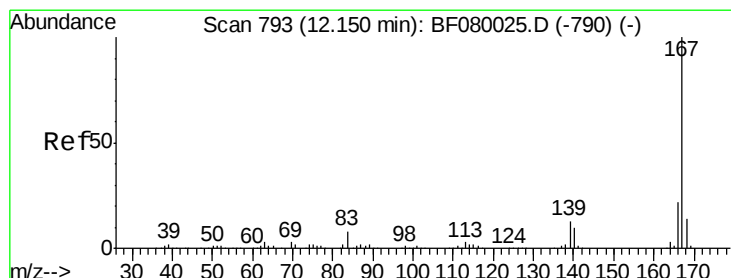
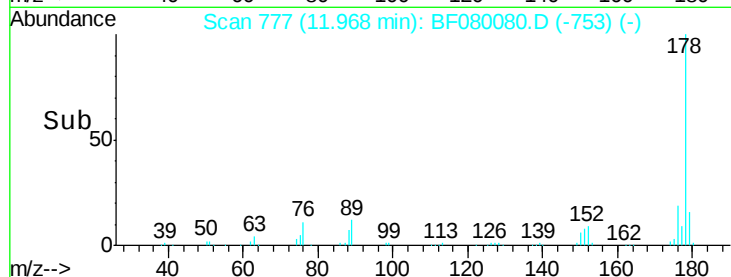
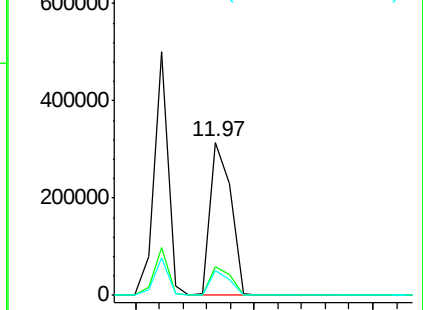
#71
 Anthracene
 Concen: 32.96 ng
 RT: 11.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion:178 Resp: 380882
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 16.1 12.2 18.2

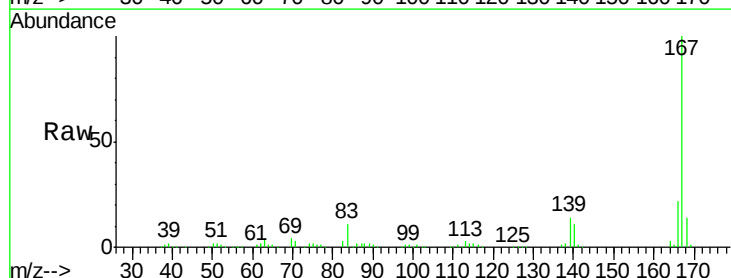


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

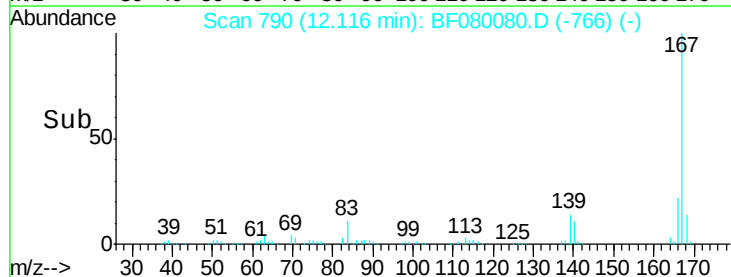
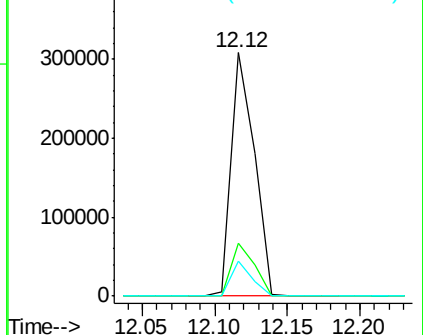


#72
 Carbazole
 Concen: 30.90 ng
 RT: 12.12 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion:167 Resp: 340878
 Ion Ratio Lower Upper
 167 100
 166 21.9 15.7 23.5
 139 14.1 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

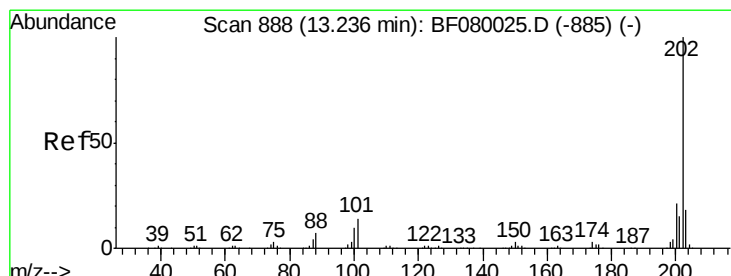
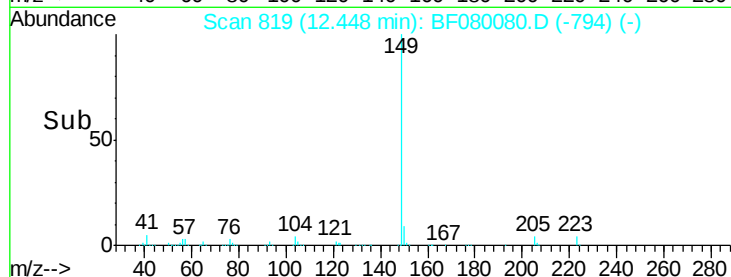
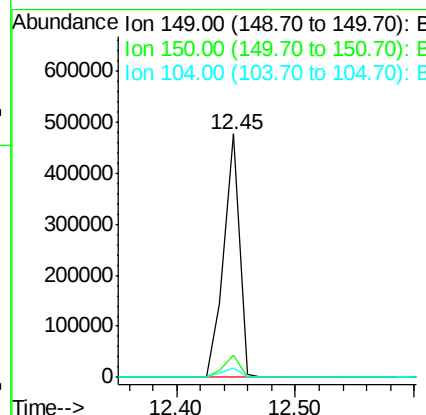
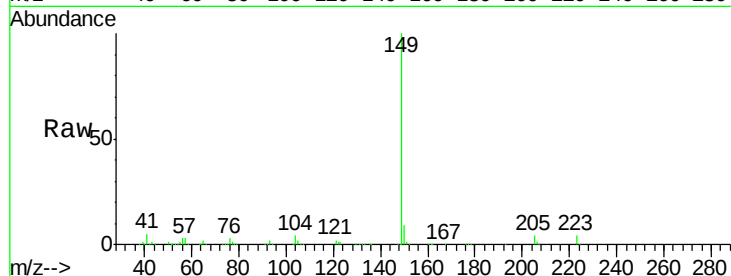




#73
Di-n-butylphthalate
Concen: 33.89 ng
RT: 12.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

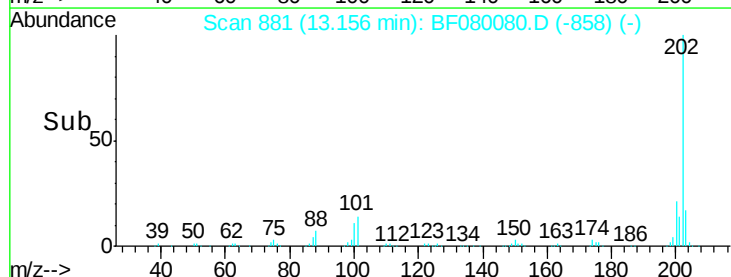
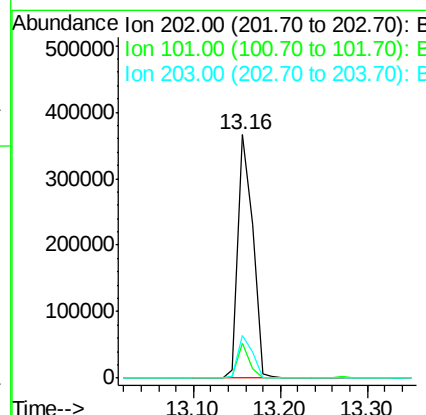
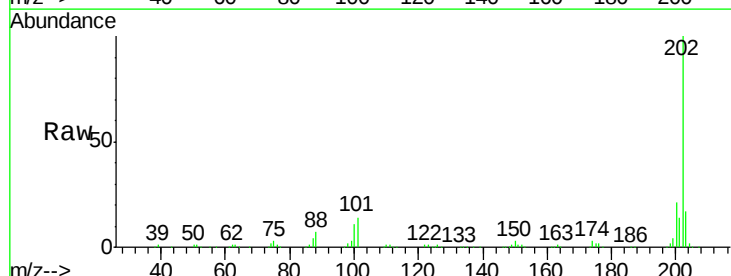
Instrument :
BNA_F
ClientSampleId :
PE-2MSD

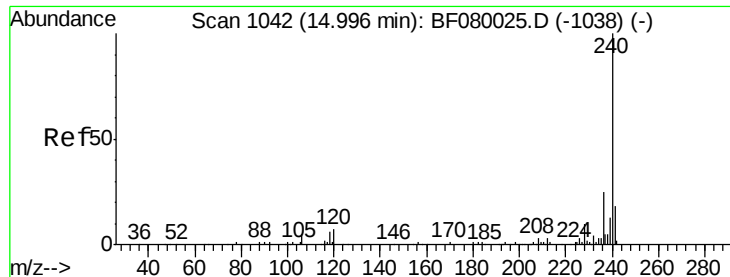
Tgt Ion:149 Resp: 431962
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 3.9 2.4 3.6#



#74
Fluoranthene
Concen: 33.41 ng
RT: 13.16 min Scan# 881
Delta R.T. -0.03 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion:202 Resp: 427002
Ion Ratio Lower Upper
202 100
101 14.5 0.0 38.3
203 17.3 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.79 min Scan# 1024

Delta R.T. -0.07 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

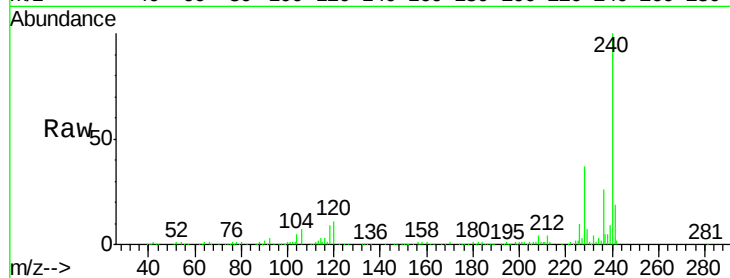
Tgt Ion:240 Resp: 225254

Ion Ratio Lower Upper

240 100

120 10.6 16.2 24.2#

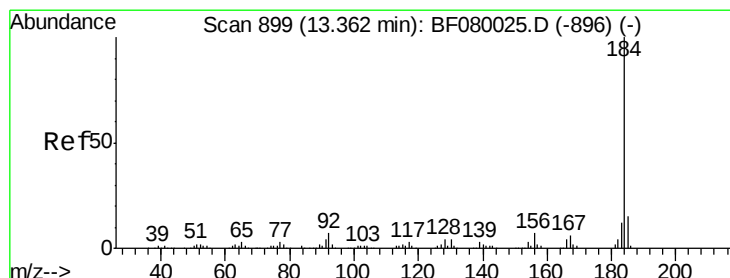
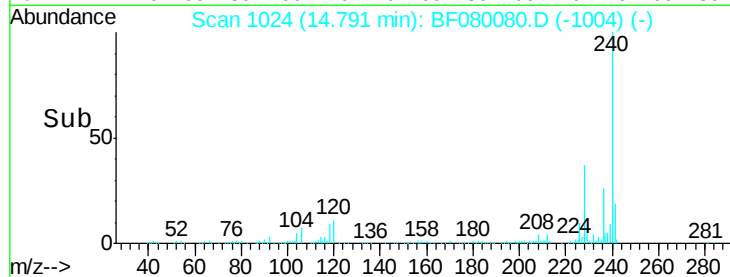
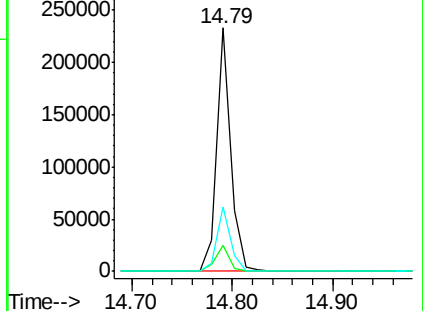
236 26.3 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 55.93 ng

RT: 13.27 min Scan# 891

Delta R.T. -0.03 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

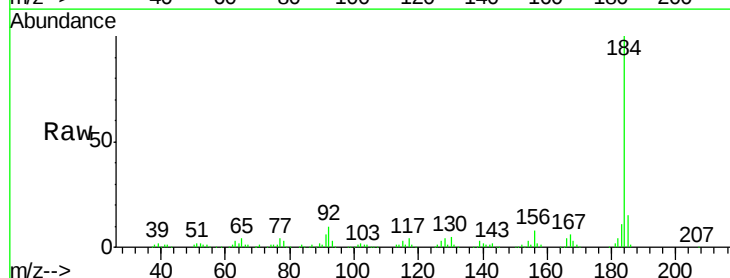
Tgt Ion:184 Resp: 352160

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

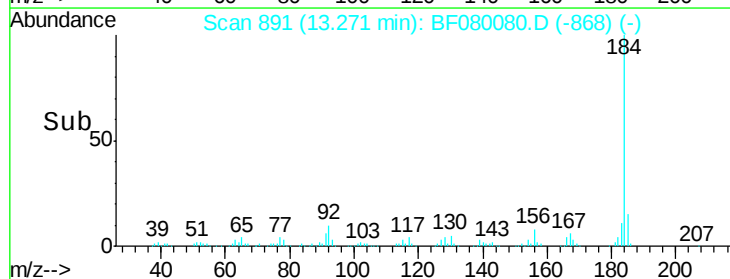
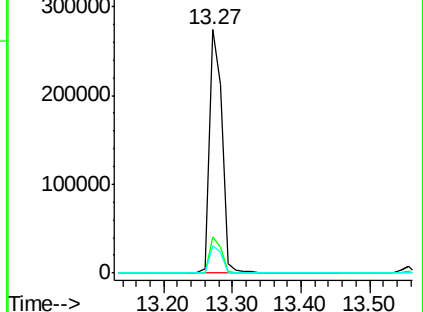
183 11.3 7.6 11.4

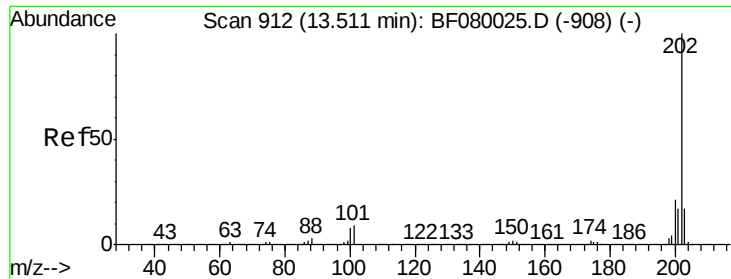


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

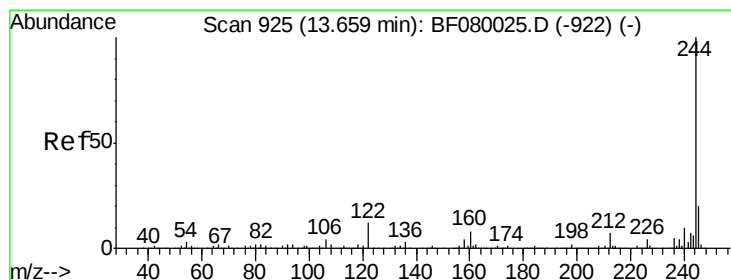
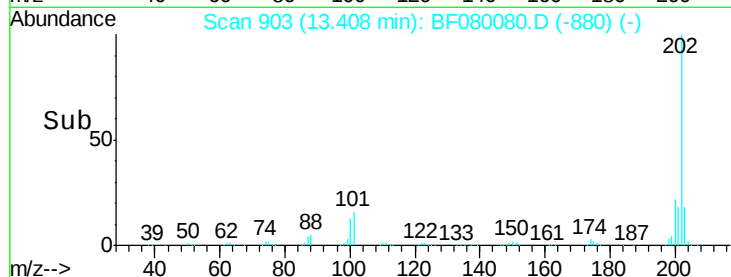
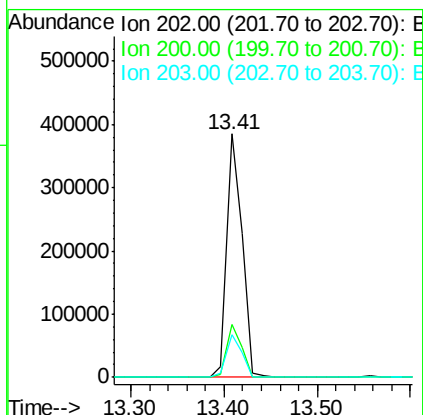
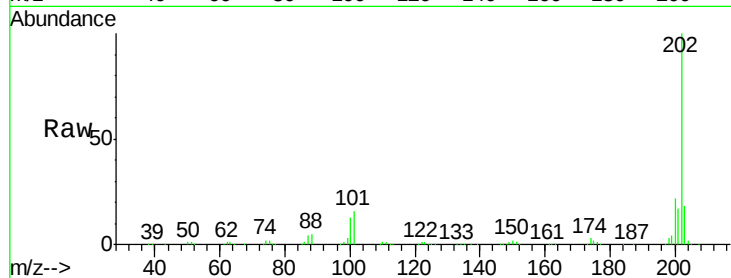




#77
 Pyrene
 Concen: 31.83 ng
 RT: 13.41 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

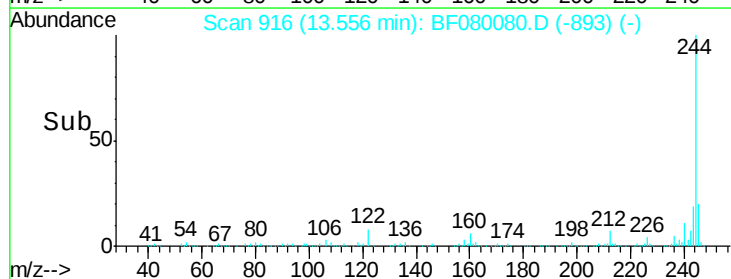
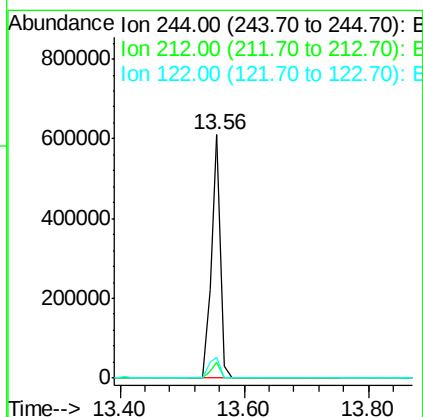
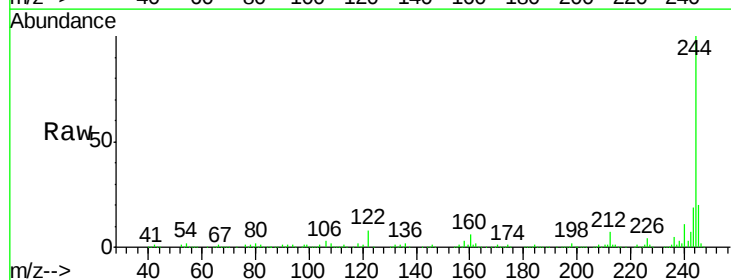
Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

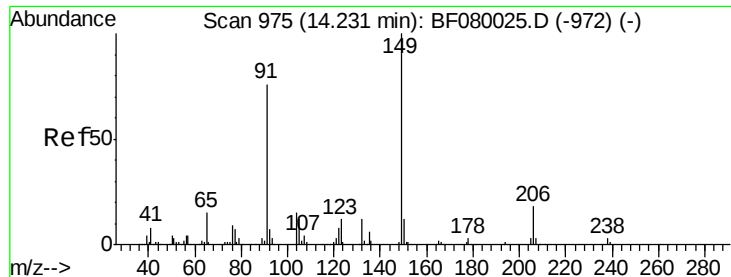
Tgt Ion: 202 Resp: 441472
 Ion Ratio Lower Upper
 202 100
 200 21.6 15.0 22.4
 203 17.6 14.1 21.1



#78
 Terphenyl-d14
 Concen: 62.03 ng
 RT: 13.56 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion: 244 Resp: 598231
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.3 6.5#
 122 8.4 17.4 26.2#

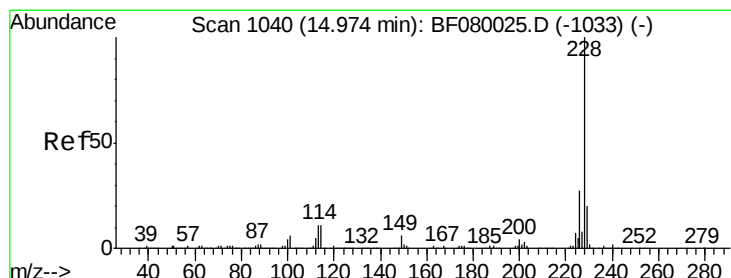
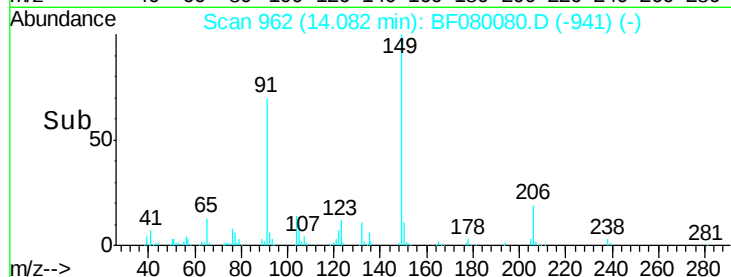
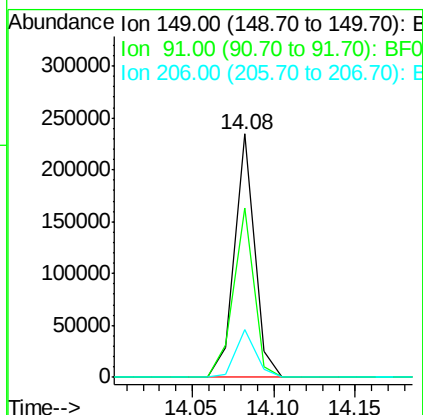
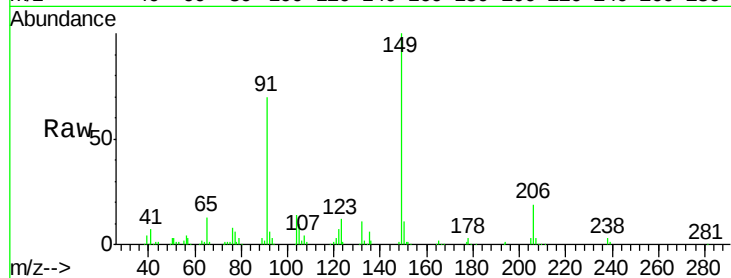




#79
Butylbenzylphthalate
Concen: 35.59 ng
RT: 14.08 min Scan# 962
Delta R.T. -0.06 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

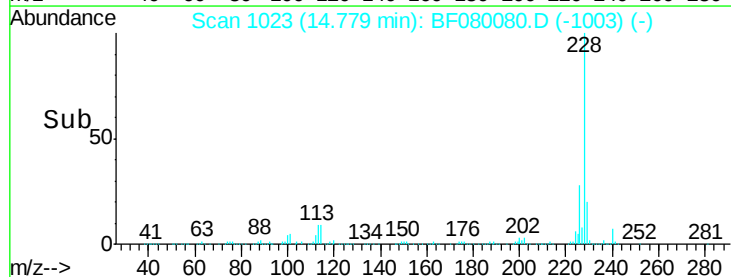
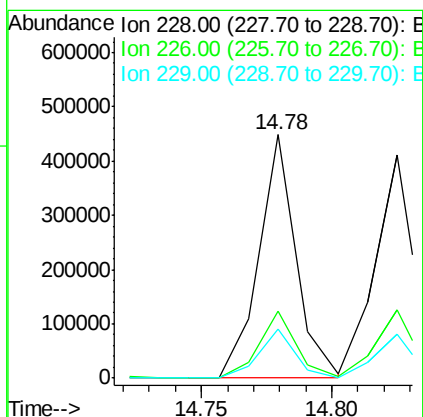
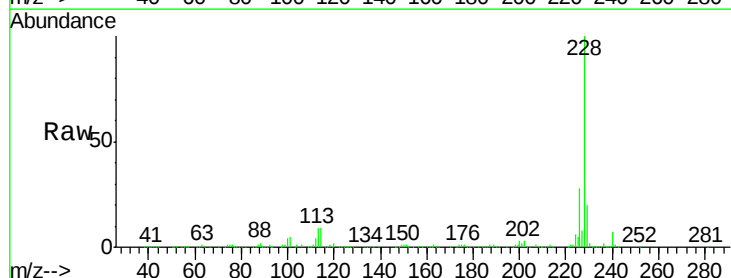
Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.5	48.6	72.8
206	19.5	14.9	22.3



#80
Benzo(a)anthracene
Concen: 32.64 ng
RT: 14.78 min Scan# 1023
Delta R.T. -0.07 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.0	30.0
229	19.9	15.4	23.2

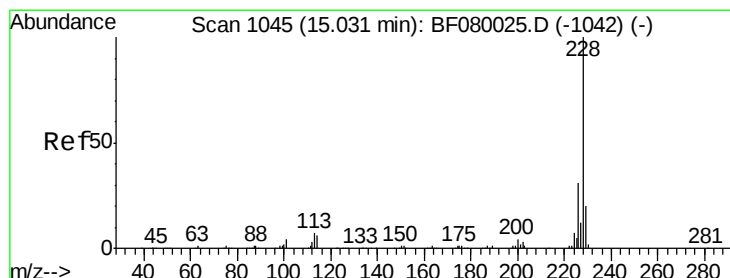
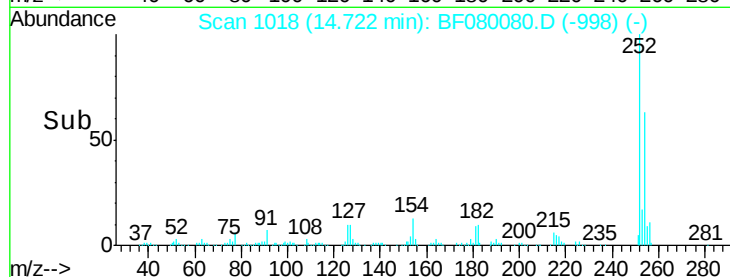
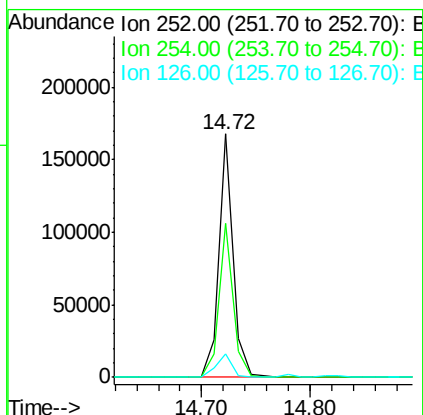
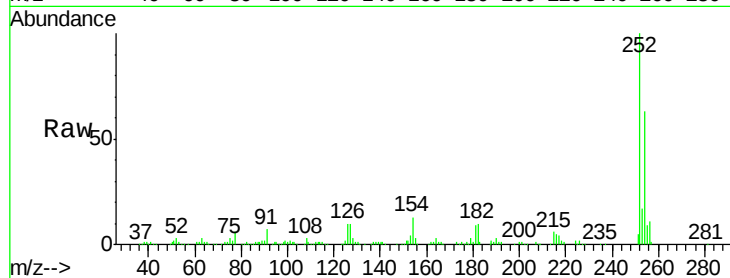




#81
 3,3'-Dichlorobenzidine
 Concen: 32.59 ng
 RT: 14.72 min Scan# 1018
 Delta R.T. -0.07 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

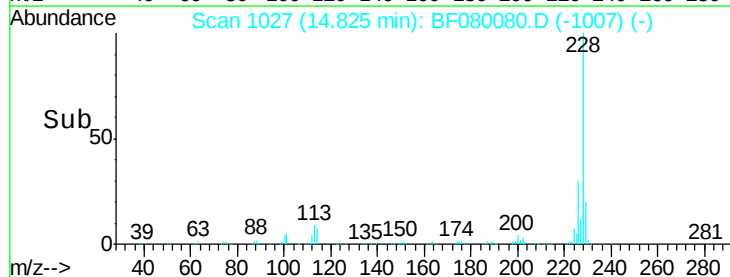
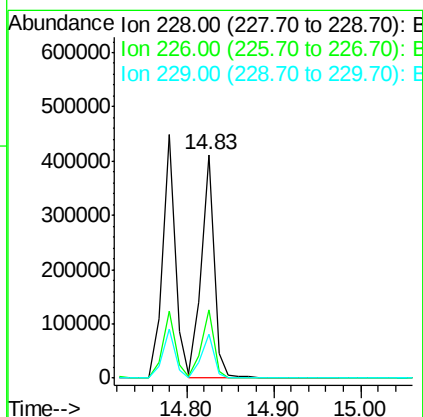
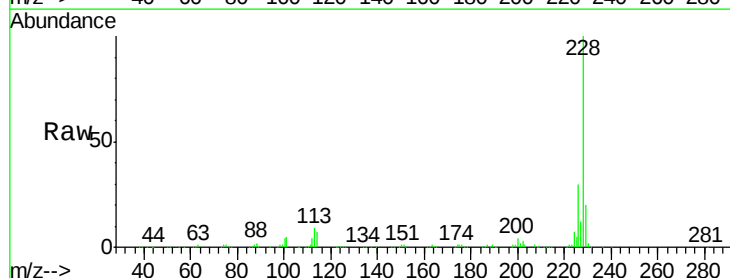
Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion:252 Resp: 154249
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.4 77.2
 126 9.9 16.4 24.6#



#82
 Chrysene
 Concen: 33.13 ng
 RT: 14.83 min Scan# 1027
 Delta R.T. -0.07 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion:228 Resp: 419221
 Ion Ratio Lower Upper
 228 100
 226 30.4 21.0 31.4
 229 19.6 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.32 ng

RT: 14.75 min Scan# 1020

Delta R.T. -0.08 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

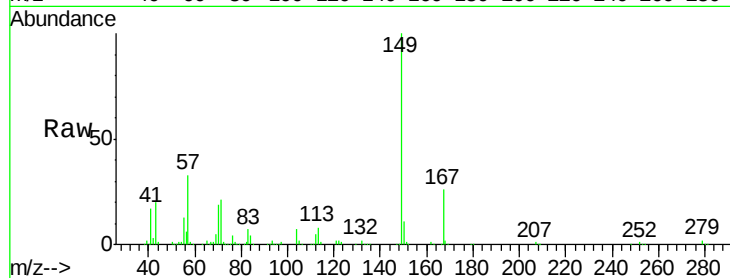
Tgt Ion:149 Resp: 302072

Ion Ratio Lower Upper

149 100

167 25.9 24.2 36.2

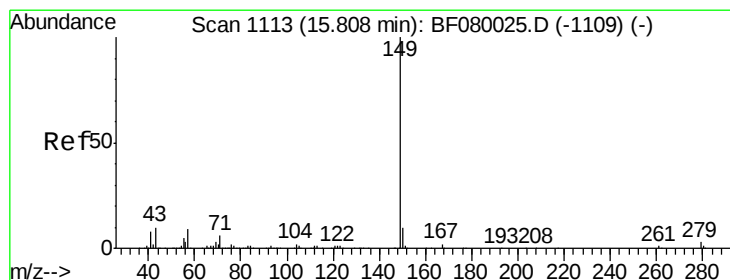
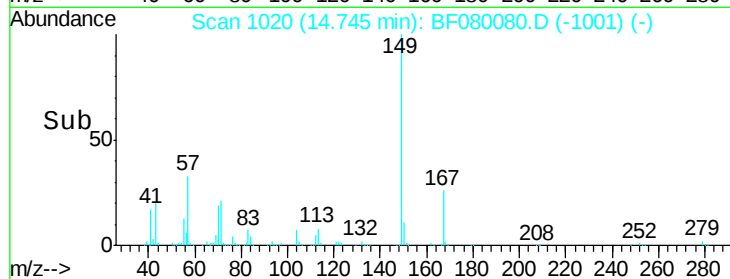
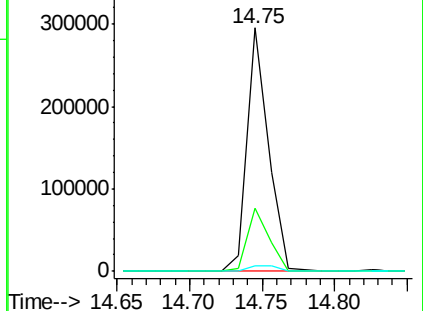
279 2.3 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.40 ng

RT: 15.52 min Scan# 1088

Delta R.T. -0.11 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

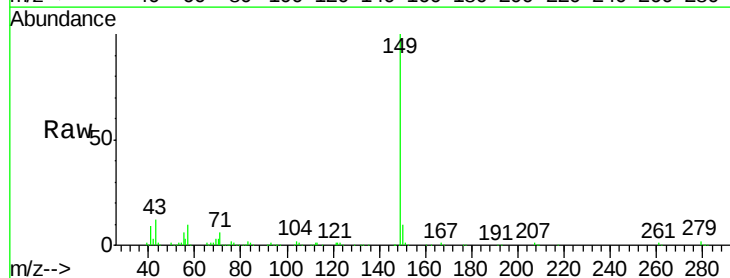
Tgt Ion:149 Resp: 503788

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

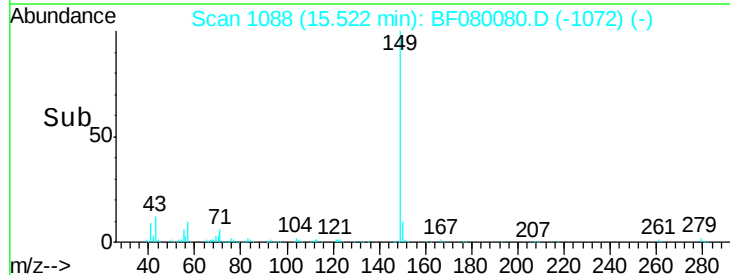
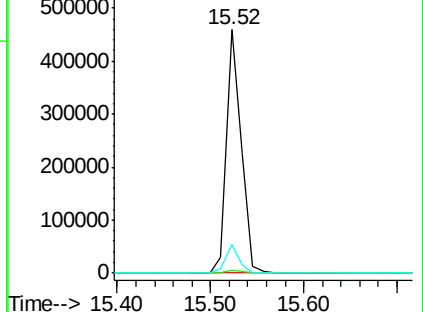
43 10.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.14 ng

RT: 18.47 min Scan# 1346

Delta R.T. -0.15 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

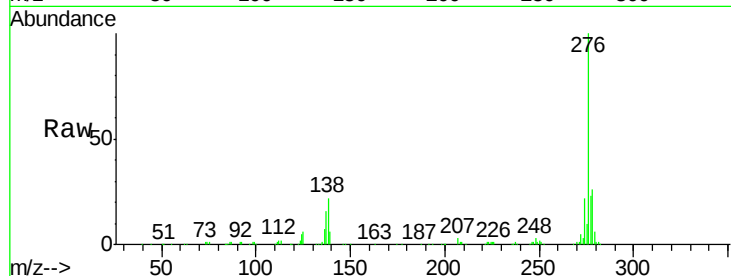
Tgt Ion: 276 Resp: 464956

Ion Ratio Lower Upper

276 100

138 26.0 25.7 38.5

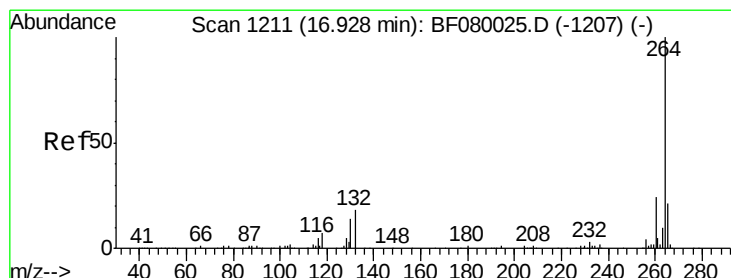
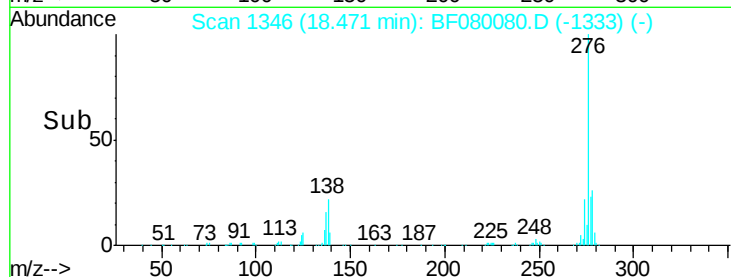
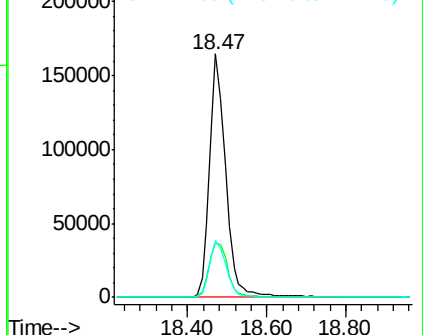
277 24.2 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.63 min Scan# 1185

Delta R.T. -0.11 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

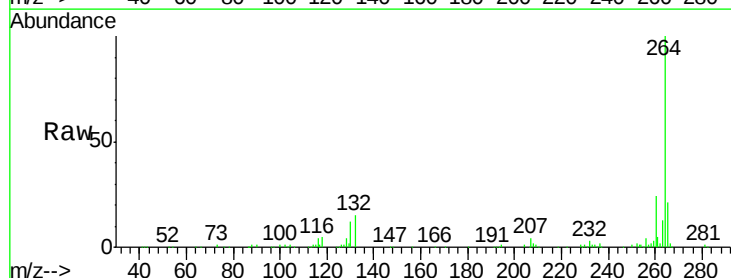
Tgt Ion: 264 Resp: 213766

Ion Ratio Lower Upper

264 100

260 23.9 16.7 25.1

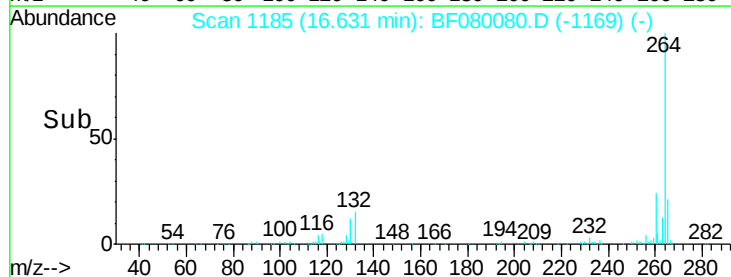
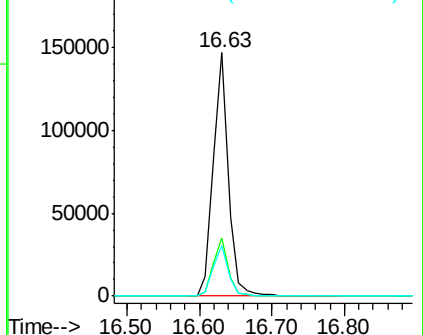
265 20.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 31.23 ng

RT: 16.09 min Scan# 1138

Delta R.T. -0.11 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

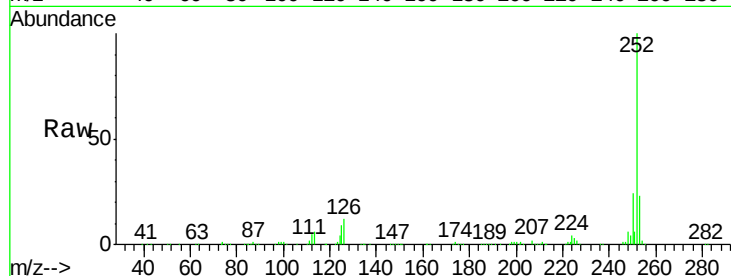
Tgt Ion:252 Resp: 404237

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

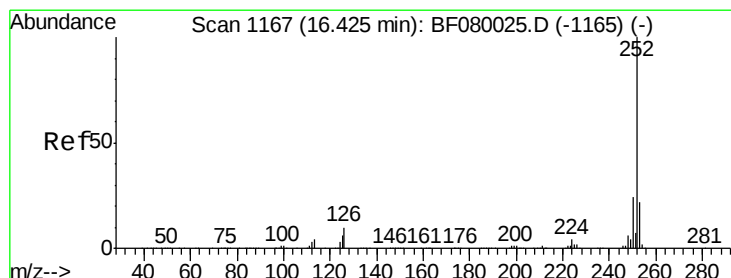
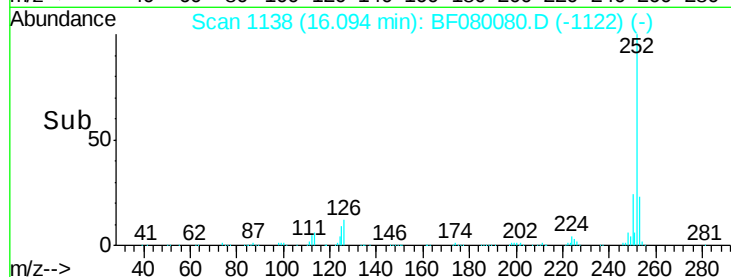
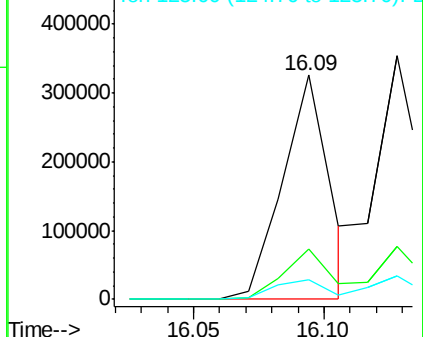
125 8.9 17.1 25.7#



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



#88

Benzo(k)fluoranthene

Concen: 27.90 ng

RT: 16.13 min Scan# 1141

Delta R.T. -0.11 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

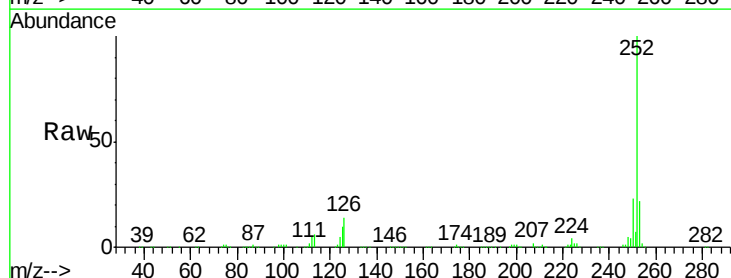
Tgt Ion:252 Resp: 367751

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

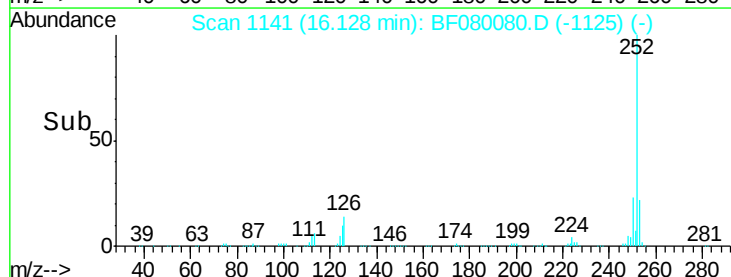
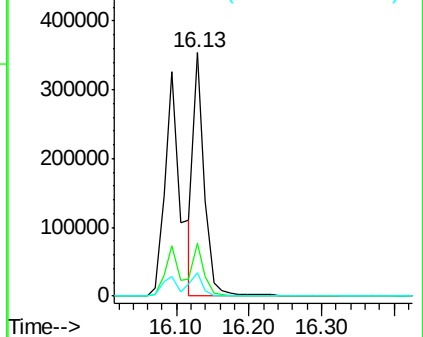
125 9.5 16.0 24.0#



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

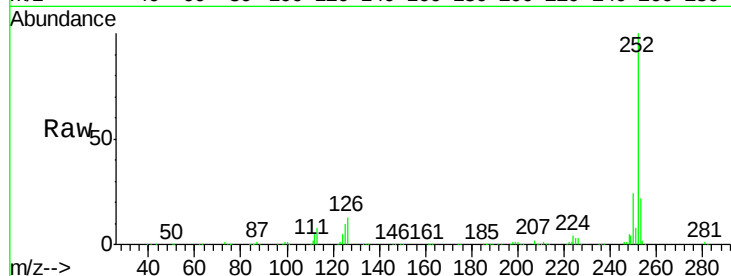




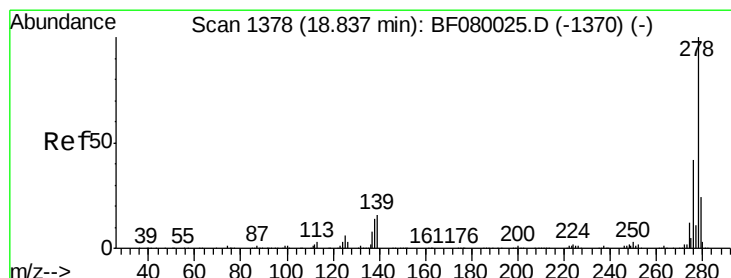
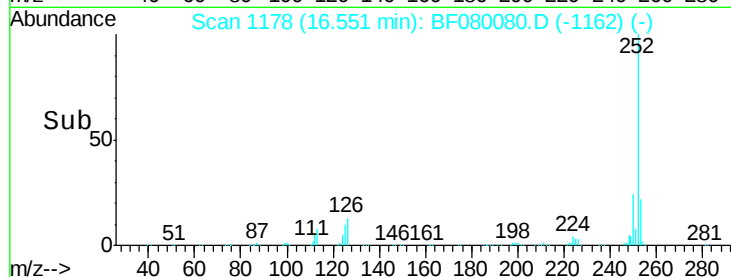
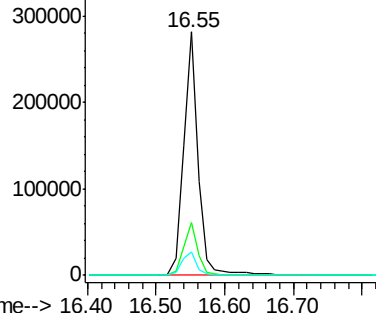
#89
Benzo(a)pyrene
Concen: 33.88 ng
RT: 16.55 min Scan# 1178
Delta R.T. -0.11 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion: 252 Resp: 416462
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.7 18.0 27.0#

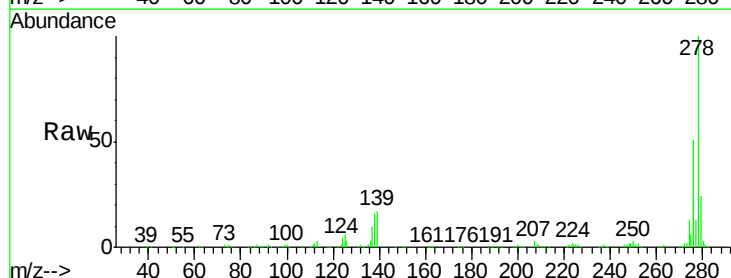


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

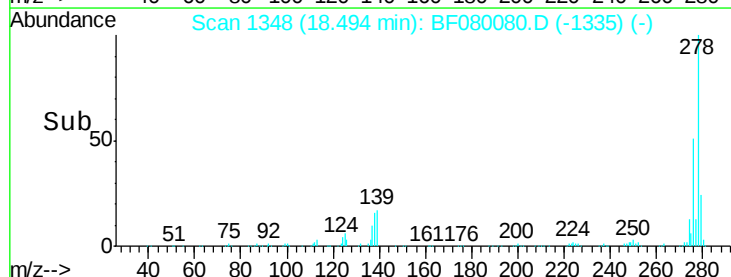
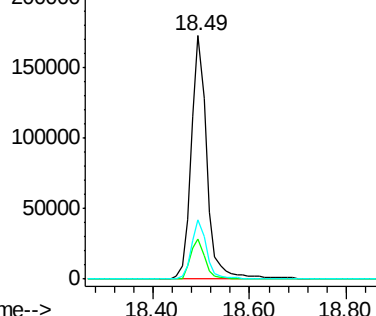


#90
Dibenzo(a,h)anthracene
Concen: 31.26 ng
RT: 18.49 min Scan# 1348
Delta R.T. -0.15 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion: 278 Resp: 393326
Ion Ratio Lower Upper
278 100
139 16.7 26.3 39.5#
279 24.2 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: 30.51 ng

RT: 19.03 min Scan# 1395

Delta R.T. -0.15 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

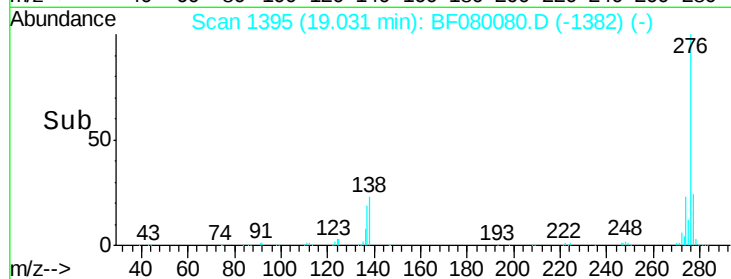
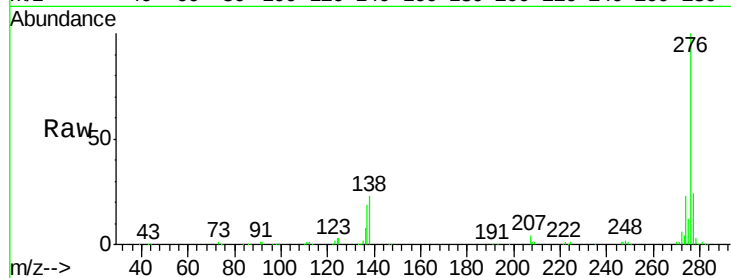
Tgt Ion: 276 Resp: 387600

Ion Ratio Lower Upper

276 100

277 23.7 17.8 26.6

138 22.5 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

19.03

100000

50000

0

Time-->