

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079625.D
 Acq On : 31 May 2015 3:52
 Operator : TP/IZ
 Sample : G2309-06MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX4MS

Quant Time: May 31 05:53:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	76836	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	314607	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	152615	20.00	ng	-0.03
63) Phenanthrene-d10	12.51	188	293368	20.00	ng	-0.02
75) Chrysene-d12	15.78	240	301604	20.00	ng	-0.06
86) Perylene-d12	17.51	264	298506	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	229576	51.82	ng	-0.02
7) Phenol-d6	6.54	99	191572	33.93	ng	-0.02
23) Nitrobenzene-d5	7.63	82	373867	68.69	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	202453	120.78	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	772980	72.26	ng	-0.02
78) Terphenyl-d14	14.50	244	835821	65.04	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.76	88	25247	11.98	ng	# 100
3) Pyridine	2.42	79	53777	11.59	ng	100
4) n-Nitrosodimethylamine	2.33	42	30087	13.17	ng	93
6) Aniline	6.52	93	99231	12.38	ng	94
8) 2-Chlorophenol	6.67	128	154174	29.90	ng	99
9) Benzaldehyde	6.39	77	23040	5.17	ng	# 82
10) Phenol	6.56	94	74715	11.24	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	186398	38.76	ng	89
12) 1,3-Dichlorobenzene	6.86	146	179325	31.39	ng	94
13) 1,4-Dichlorobenzene	6.96	146	184609	31.68	ng	97
14) 1,2-Dichlorobenzene	7.14	146	175277	32.38	ng	97
15) Benzyl Alcohol	7.14	79	101609	24.49	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.31	45	256330	36.42	ng	94
17) 2-Methylphenol	7.30	107	100488	24.80	ng	94
18) Hexachloroethane	7.55	117	55763	27.80	ng	# 80
19) n-Nitroso-di-n-propylamine	7.47	70	137844	34.70	ng	# 86
20) 3+4-Methylphenols	7.50	107	120905	21.72	ng	92
22) Acetophenone	7.45	105	278754	39.55	ng	# 98
24) Nitrobenzene	7.66	77	188275	35.10	ng	96
25) Isophorone	7.96	82	359875	36.28	ng	99
26) 2-Nitrophenol	8.06	139	88231	34.74	ng	98
27) 2,4-Dimethylphenol	8.14	122	156090	34.19	ng	98
28) bis(2-Chloroethoxy)methane	8.25	93	233586	37.99	ng	99
29) 2,4-Dichlorophenol	8.36	162	155616	37.21	ng	98
30) 1,2,4-Trichlorobenzene	8.44	180	151785	34.99	ng	98
31) Naphthalene	8.54	128	834925	55.30	ng	99
32) Benzoic acid	8.26	122	35759	12.62	ng	98
33) 4-Chloroaniline	8.63	127	136288	21.61	ng	99
34) Hexachlorobutadiene	8.70	225	82857	33.58	ng	97
35) Caprolactam	9.06	113	8656	6.56	ng	# 80
36) 4-Chloro-3-methylphenol	9.24	107	143890	33.17	ng	97
37) 2-Methylnaphthalene	9.39	142	435272	41.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	153242	35.90	ng	# 100
40) Hexachlorocyclopentadiene	9.59	237	14086	21.24	ng	99

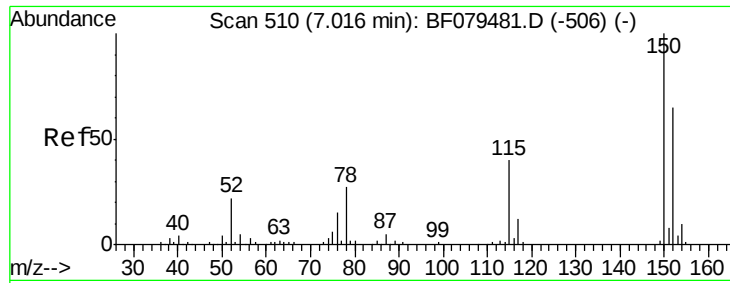
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 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	109826	36.84	ng	99
43) 2,4,5-Trichlorophenol	9.82	196	111979	37.74	ng	97
45) 1,1'-Biphenyl	9.98	154	440307	36.94	ng	97
46) 2-Chloronaphthalene	10.00	162	349448	37.12	ng	95
47) 2-Nitroaniline	10.14	65	104023	37.16	ng	# 80
48) Acenaphthylene	10.50	152	575782	36.85	ng	99
49) Dimethylphthalate	10.38	163	455902	40.54	ng	100
50) 2,6-Dinitrotoluene	10.46	165	85791	38.19	ng	99
51) Acenaphthene	10.72	154	338677	37.90	ng	99
52) 3-Nitroaniline	10.65	138	80804	27.65	ng	88
53) 2,4-Dinitrophenol	10.81	184	14684	27.20	ng	90
54) Dibenzofuran	10.94	168	511236	38.79	ng	95
55) 4-Nitrophenol	10.94	139	238608	147.25	ng	# 15
56) 2,4-Dinitrotoluene	10.95	165	110589	36.70	ng	97
57) Fluorene	11.36	166	434033	39.96	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.10	232	92785	42.97	ng	# 100
59) Diethylphthalate	11.24	149	420974	38.24	ng	94
60) 4-Chlorophenyl-phenylether	11.37	204	187667	39.98	ng	89
61) 4-Nitroaniline	11.40	138	90284	33.16	ng	93
62) Azobenzene	11.57	77	440926	41.18	ng	94
64) 4,6-Dinitro-2-methylphenol	11.46	198	14126	15.13	ng	# 14
65) n-Nitrosodiphenylamine	11.52	169	347952	35.71	ng	99
66) 4-Bromophenyl-phenylether	11.98	248	114759	37.99	ng	# 89
67) Hexachlorobenzene	12.03	284	134301	38.99	ng	# 86
68) Atrazine	12.21	200	112336	42.68	ng	98
69) Pentachlorophenol	12.30	266	117177	88.81	ng	97
70) Phenanthrene	12.54	178	610024	37.90	ng	99
71) Anthracene	12.61	178	624579	38.22	ng	99
72) Carbazole	12.82	167	607696	38.63	ng	98
73) Di-n-butylphthalate	13.28	149	775508	44.05	ng	100
74) Fluoranthene	14.01	202	678109	39.29	ng	97
77) Pyrene	14.29	202	691325	37.00	ng	99
79) Butylbenzylphthalate	15.13	149	349782	41.62	ng	89
80) Benzo(a)anthracene	15.77	228	637561	36.75	ng	99
81) 3,3'-Dichlorobenzidine	15.76	252	153596	24.18	ng	98
82) Chrysene	15.82	228	611987	37.11	ng	100
83) Bis(2-ethylhexyl)phthalate	15.85	149	531985	44.19	ng	# 99
84) Di-n-octyl phthalate	16.64	149	883682	42.17	ng	99
85) Indeno(1,2,3-cd)pyrene	18.80	276	696925	32.85	ng	97
87) Benzo(b)fluoranthene	17.06	252	679930	39.94	ng	# 98
88) Benzo(k)fluoranthene	17.06	252	679930	44.66	ng	# 96
89) Benzo(a)pyrene	17.45	252	611417	40.78	ng	# 97
90) Dibenzo(a,h)anthracene	18.82	278	606271	38.60	ng	98
91) Benzo(g,h,i)perylene	19.18	276	619231	39.78	ng	# 94

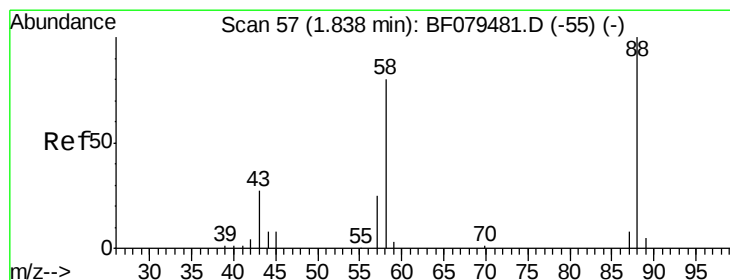
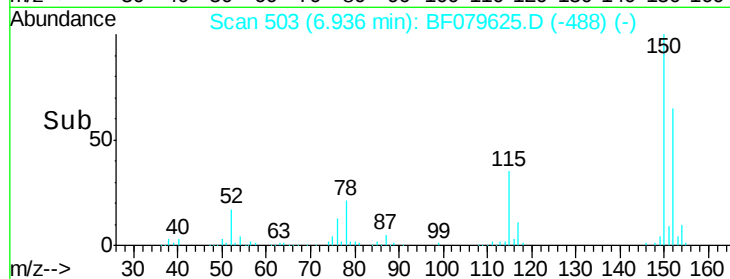
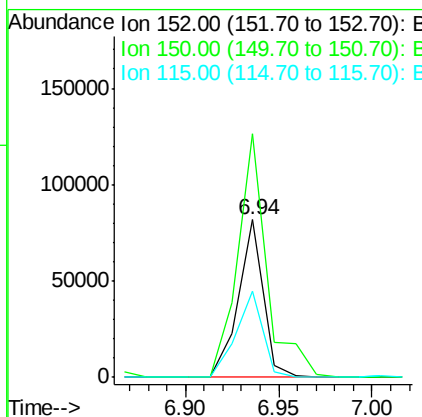
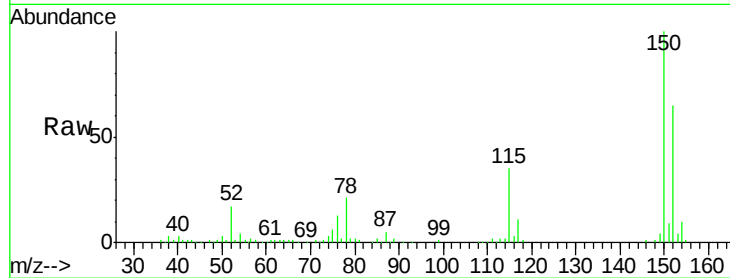
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

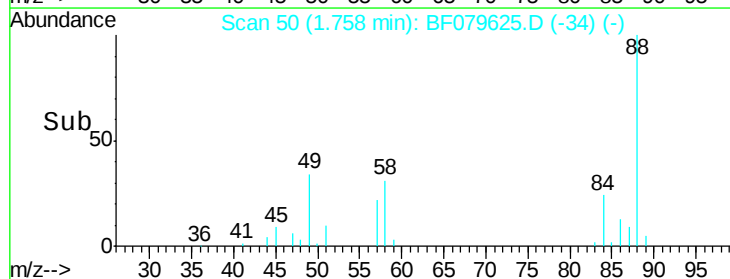
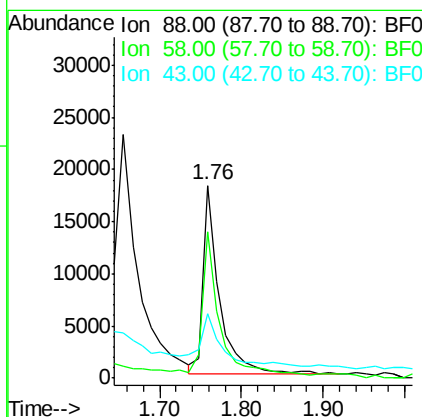
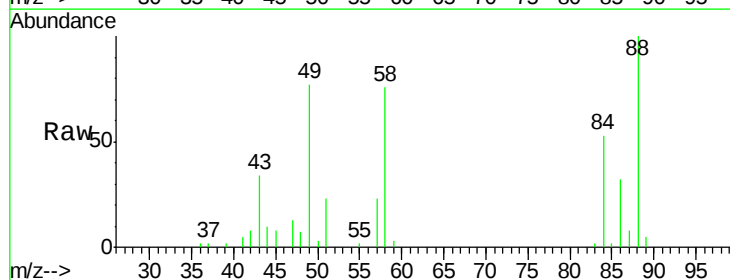
Instrument :
 BNA_F
 ClientSampleId :
 PX4MS

Tgt Ion:152 Resp: 76836
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.0 186.0
 115 54.3 49.6 74.4



#2
 1,4-Dioxane
 Concen: 11.98 ng
 RT: 1.76 min Scan# 50
 Delta R.T. -0.01 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Tgt Ion: 88 Resp: 25247
 Ion Ratio Lower Upper
 88 100
 58 79.0 0.0 0.0#
 43 30.9 0.0 0.0#





#3

Pyridine

Concen: 11.59 ng

RT: 2.42 min Scan# 108

Delta R.T. 0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

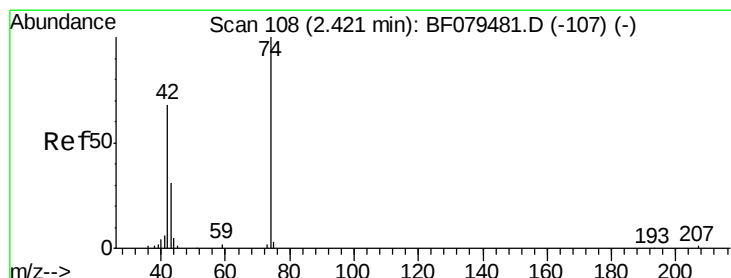
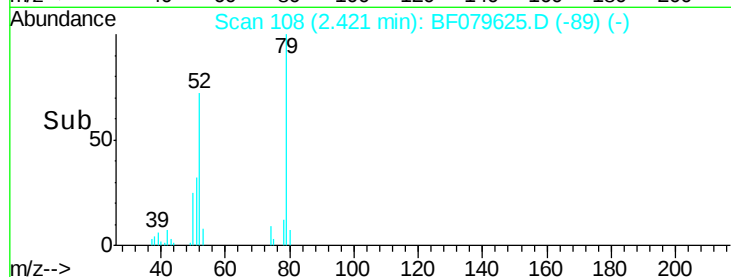
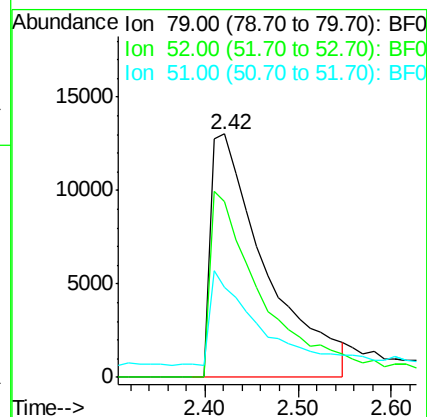
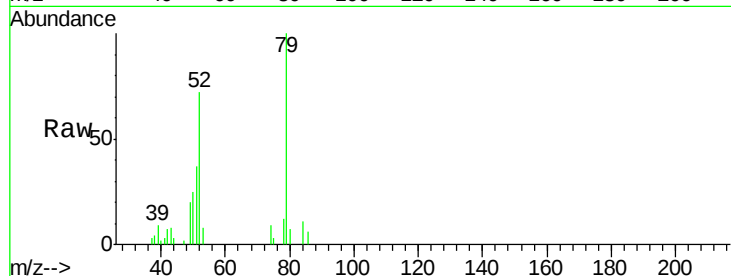
Tgt Ion: 79 Resp: 53777

Ion Ratio Lower Upper

79 100

52 72.0 57.4 86.2

51 37.1 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 13.17 ng

RT: 2.33 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

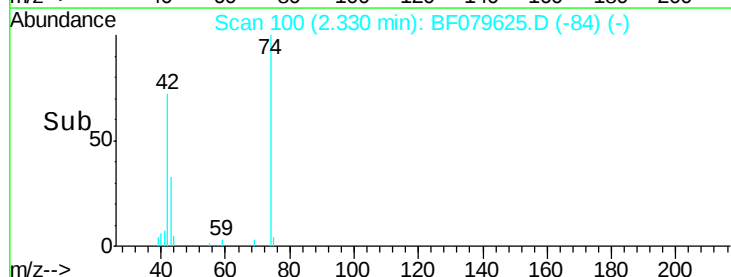
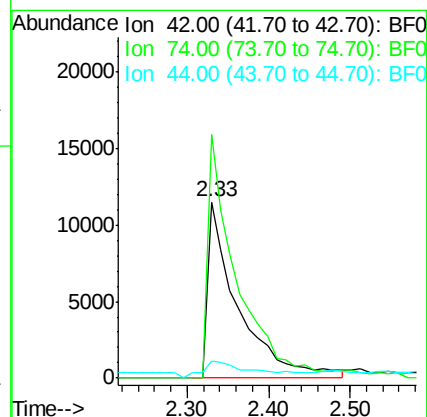
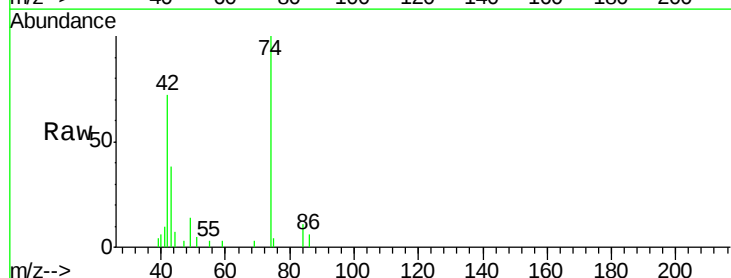
Tgt Ion: 42 Resp: 30087

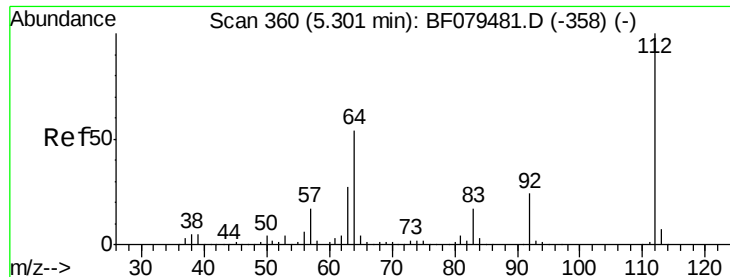
Ion Ratio Lower Upper

42 100

74 138.2 117.6 176.4

44 10.0 6.9 10.3





#5

2-Fluorophenol

Concen: 51.82 ng

RT: 5.21 min Scan# 352

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

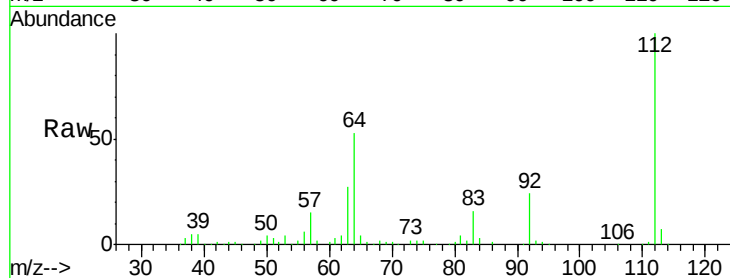
Tgt Ion: 112 Resp: 229576

Ion Ratio Lower Upper

112 100

64 52.9 43.5 65.3

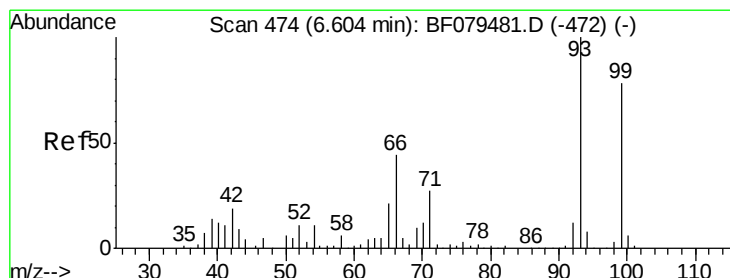
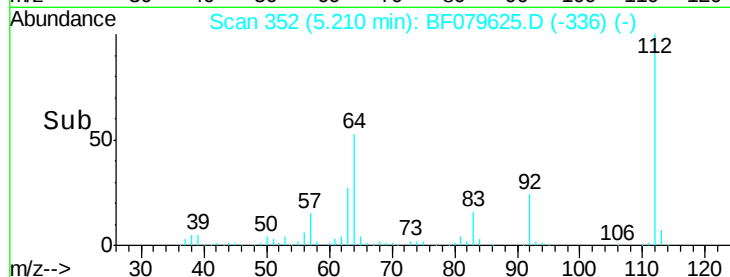
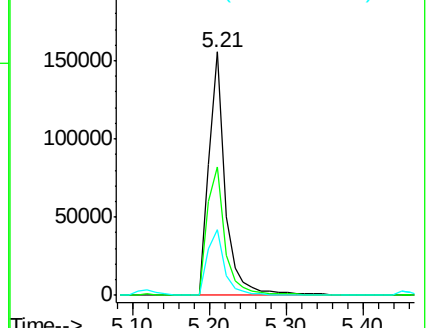
63 27.0 21.8 32.8



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: 12.38 ng

RT: 6.52 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

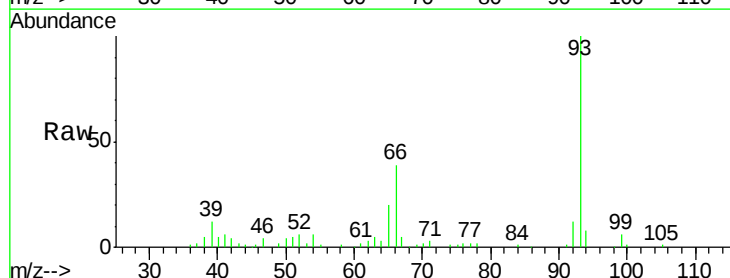
Tgt Ion: 93 Resp: 99231

Ion Ratio Lower Upper

93 100

66 38.9 34.8 52.2

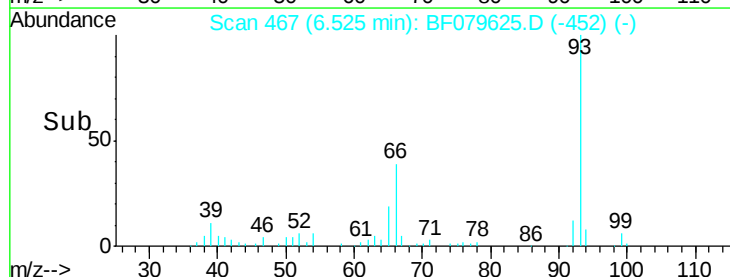
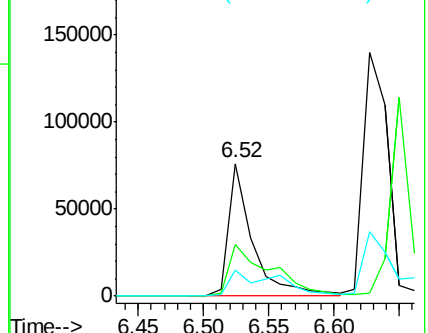
65 19.7 16.7 25.1

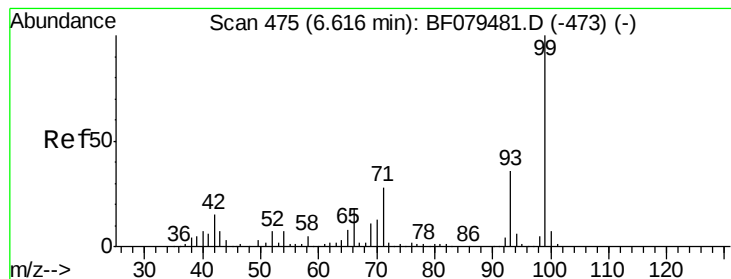


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 33.93 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

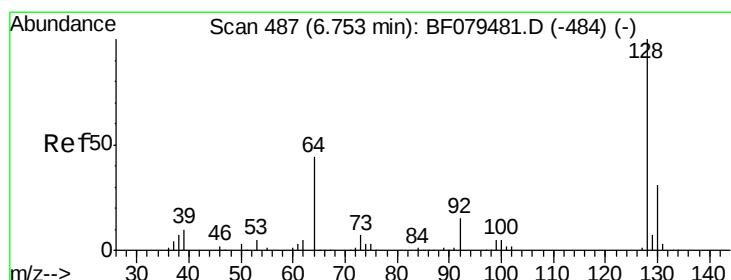
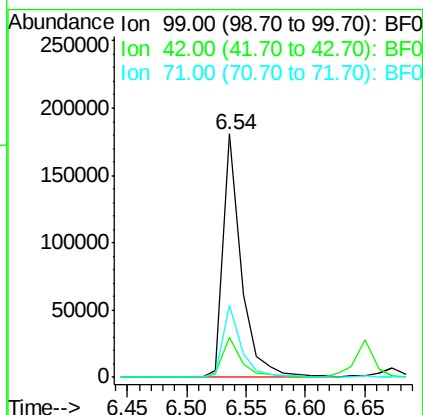
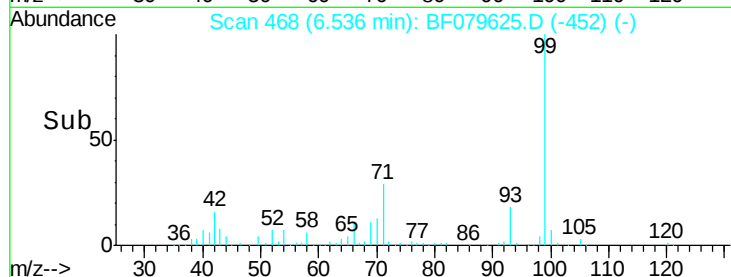
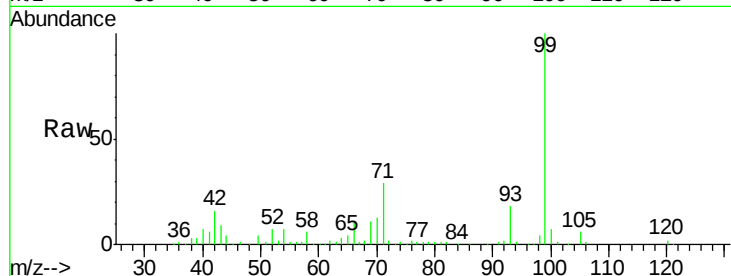
Tgt Ion: 99 Resp: 191572

Ion Ratio Lower Upper

99 100

42 16.4 11.9 17.9

71 29.5 22.1 33.1



#8

2-Chlorophenol

Concen: 29.90 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

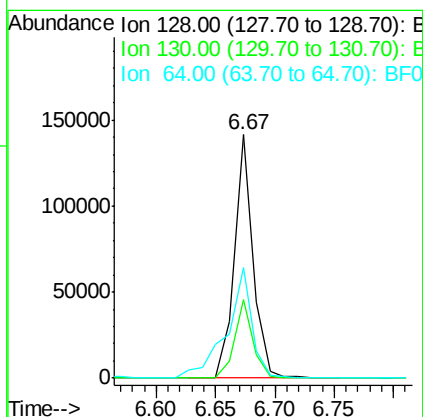
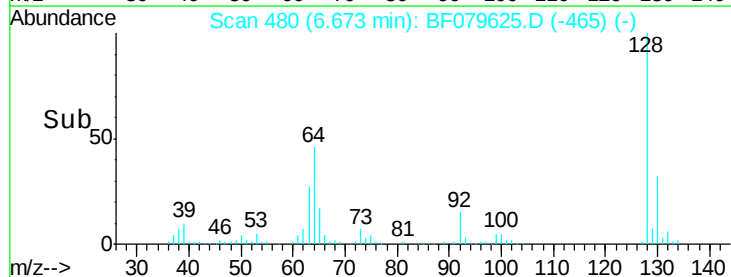
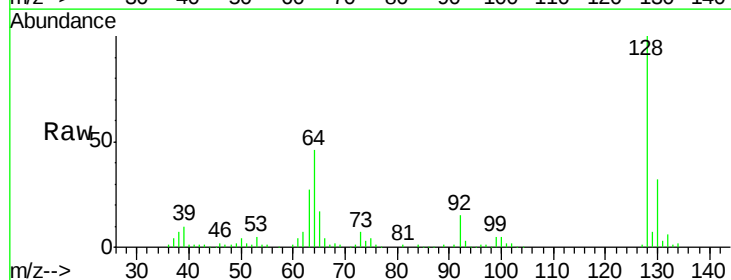
Tgt Ion: 128 Resp: 154174

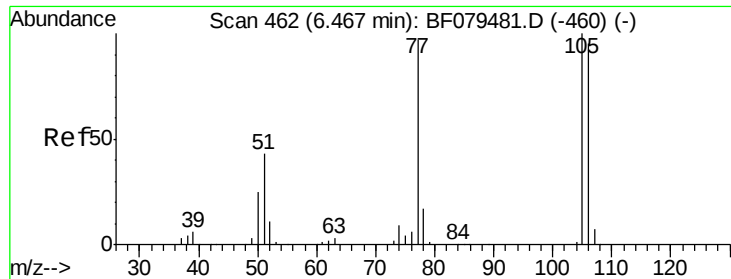
Ion Ratio Lower Upper

128 100

130 32.3 11.4 51.4

64 45.5 25.9 65.9





#9

Benzaldehyde

Concen: 5.17 ng

RT: 6.39 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampled :

PX4MS

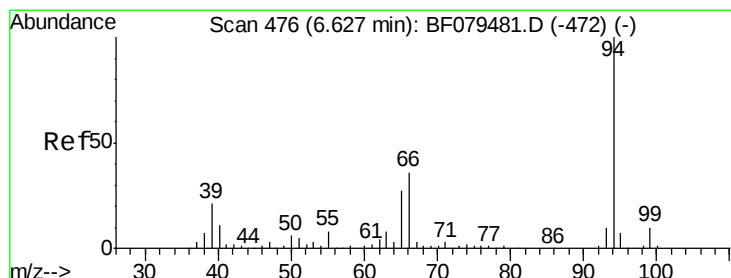
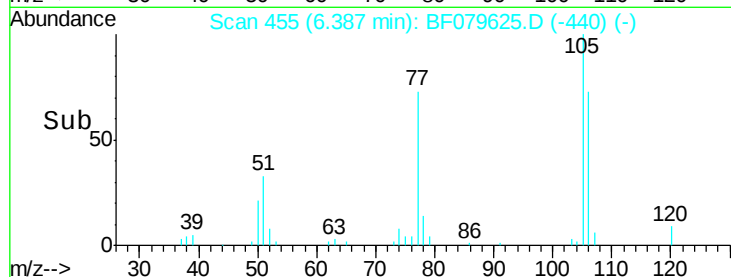
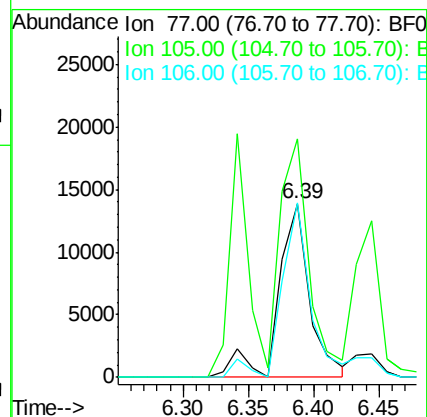
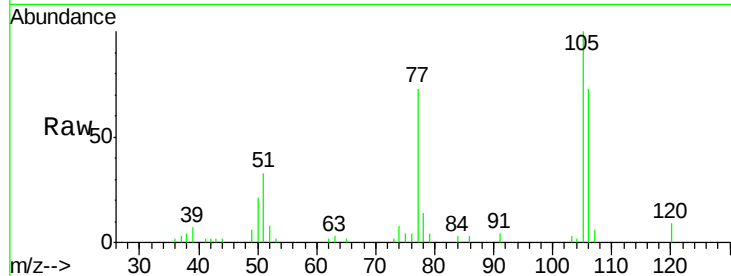
Tgt Ion: 77 Resp: 23040

Ion Ratio Lower Upper

77 100

105 137.3 83.3 123.3#

106 100.6 78.4 118.4



#10

Phenol

Concen: 11.24 ng

RT: 6.56 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

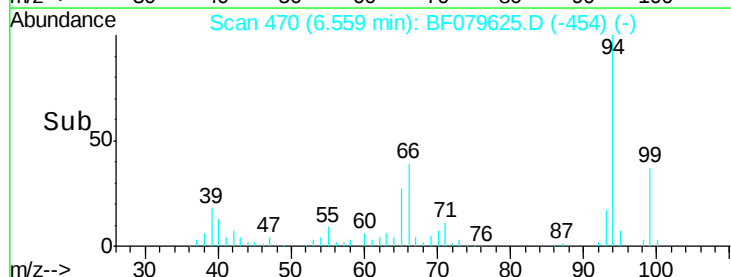
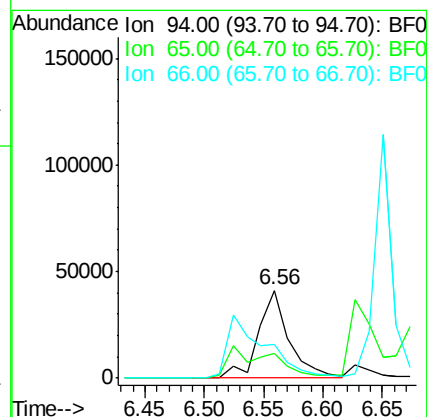
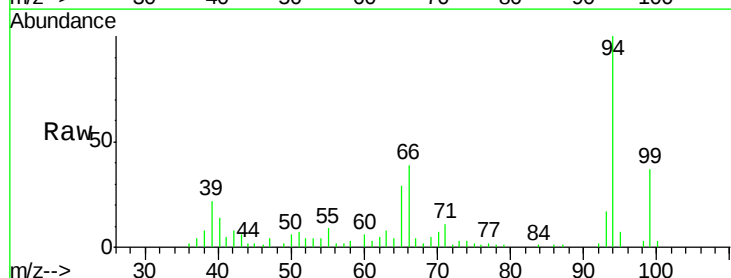
Tgt Ion: 94 Resp: 74715

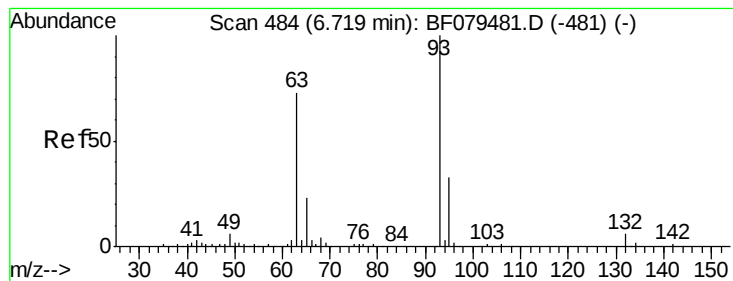
Ion Ratio Lower Upper

94 100

65 28.6 7.2 47.2

66 39.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.76 ng

RT: 6.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampled :

PX4MS

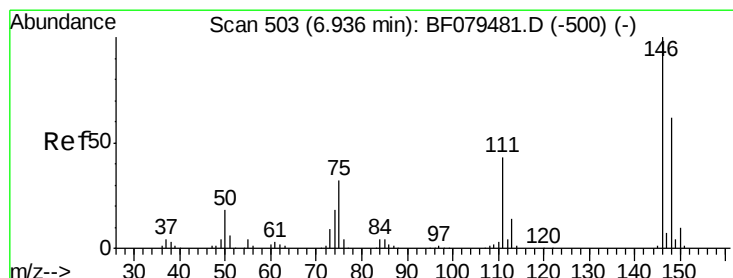
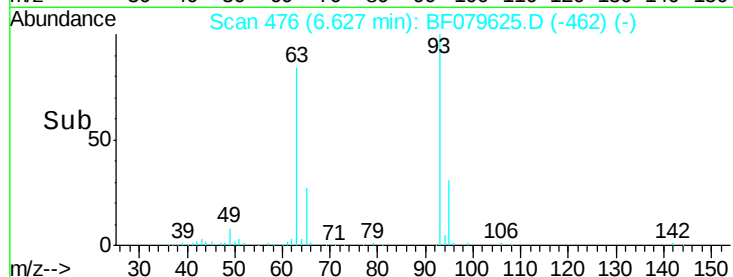
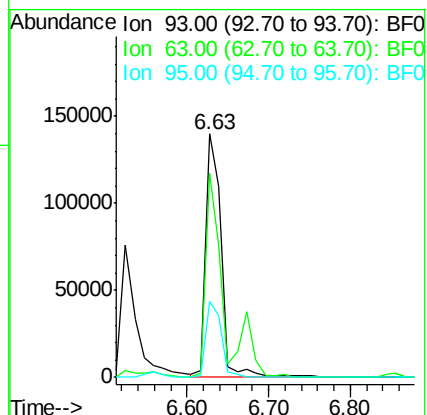
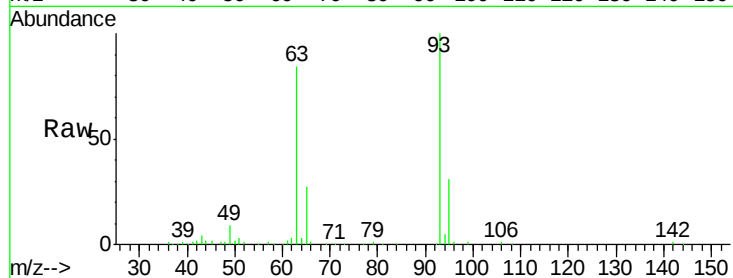
Tgt Ion: 93 Resp: 186398

Ion Ratio Lower Upper

93 100

63 83.9 51.8 91.8

95 31.1 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 31.39 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

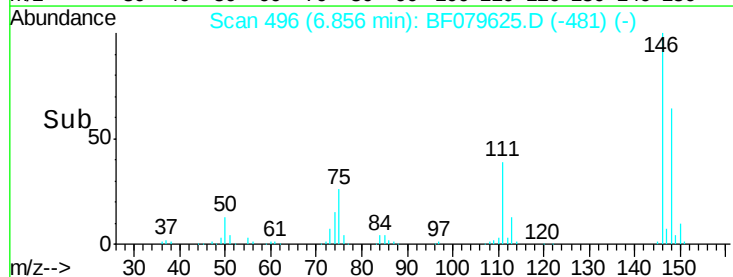
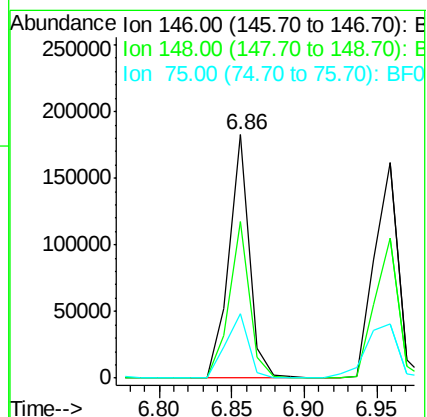
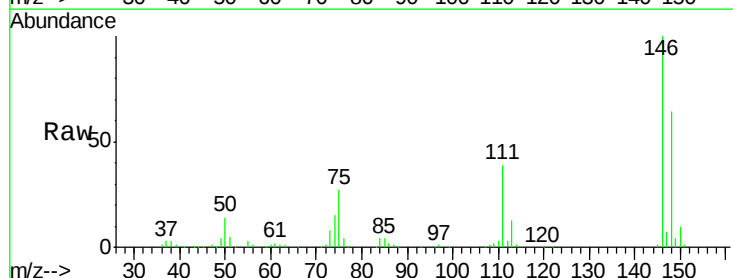
Tgt Ion: 146 Resp: 179325

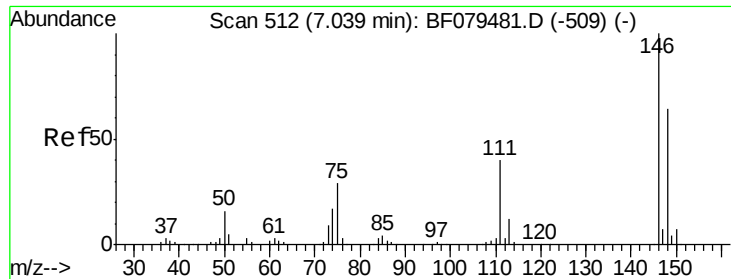
Ion Ratio Lower Upper

146 100

148 64.3 49.6 74.4

75 26.6 25.9 38.9

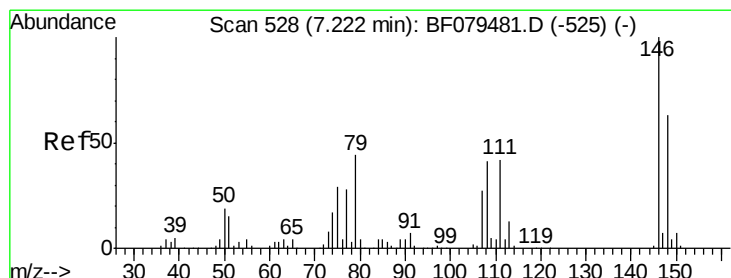
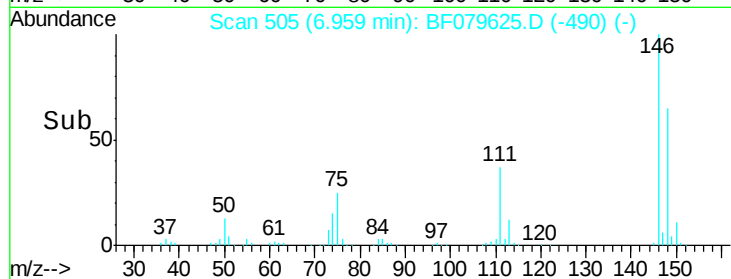
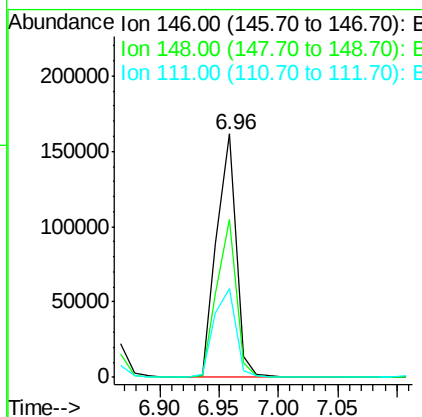
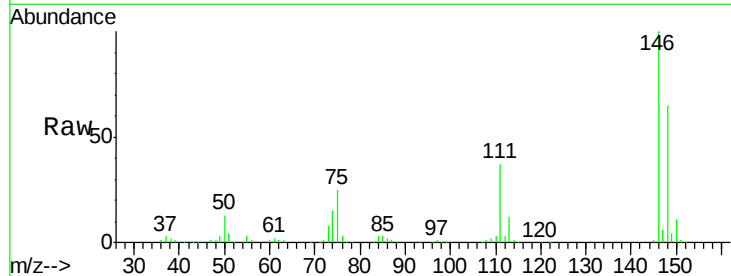




#13
 1,4-Dichlorobenzene
 Concen: 31.68 ng
 RT: 6.96 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

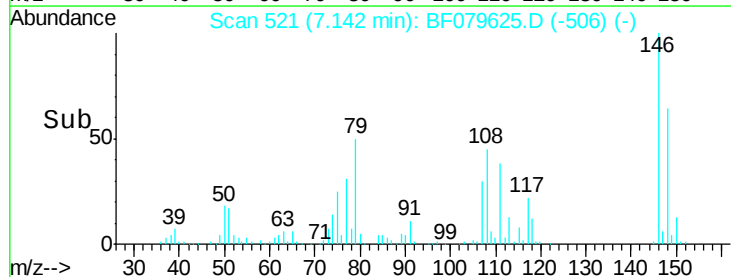
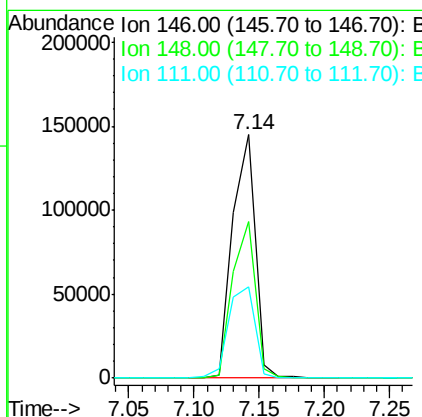
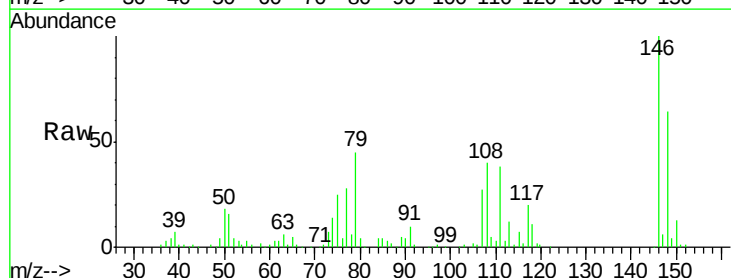
Instrument :
 BNA_F
 ClientSampleId :
 PX4MS

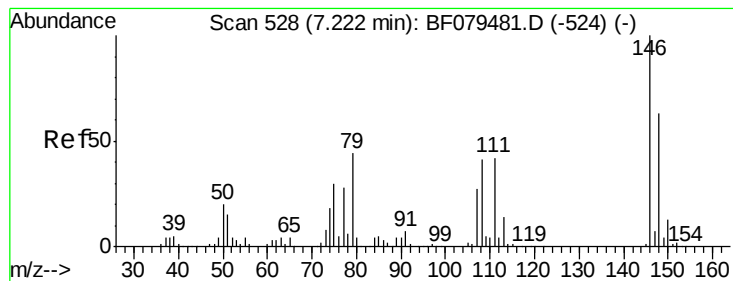
Tgt Ion:146 Resp: 184609
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.3 76.9
 111 36.6 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 32.38 ng
 RT: 7.14 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Tgt Ion:146 Resp: 175277
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 76.0
 111 37.5 33.2 49.8





#15

Benzyl Alcohol

Concen: 24.49 ng

RT: 7.14 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampled :

PX4MS

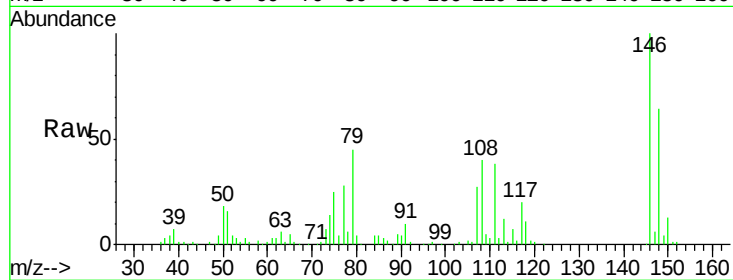
Tgt Ion: 79 Resp: 101609

Ion Ratio Lower Upper

79 100

108 90.4 73.7 110.5

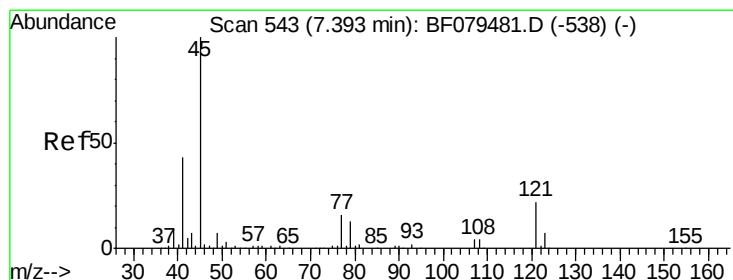
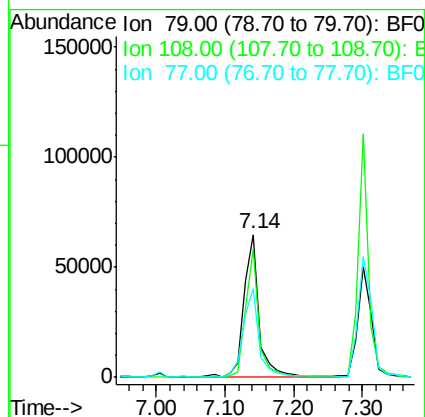
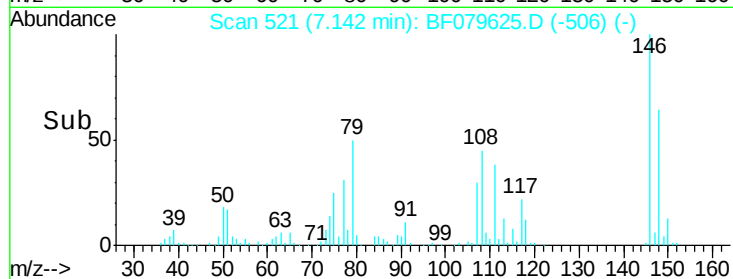
77 62.4 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.42 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

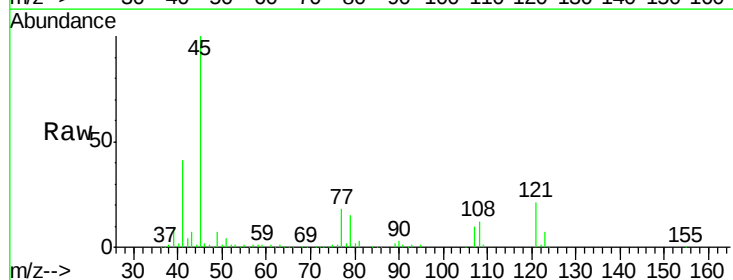
Tgt Ion: 45 Resp: 256330

Ion Ratio Lower Upper

45 100

77 17.7 0.0 35.5

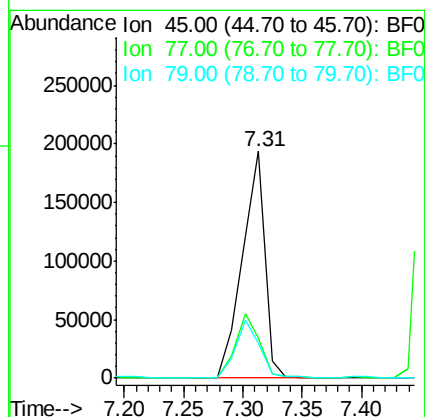
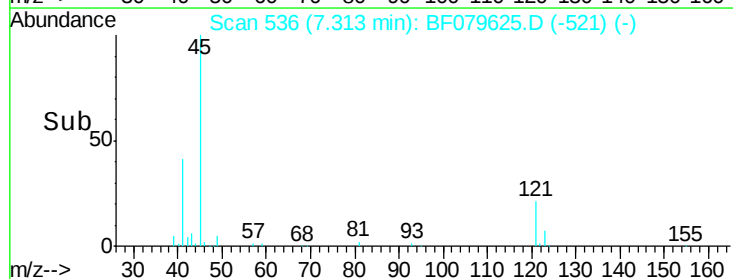
79 15.2 0.0 32.8

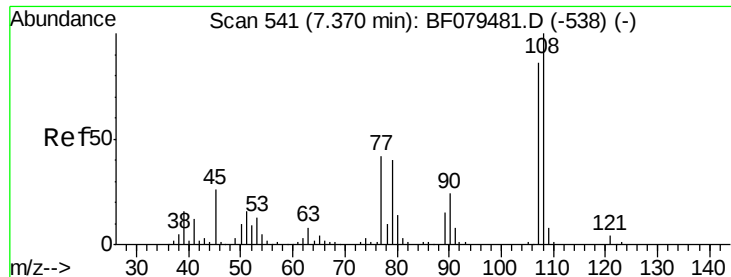


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

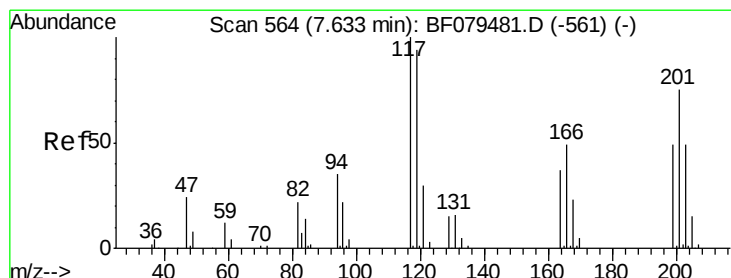
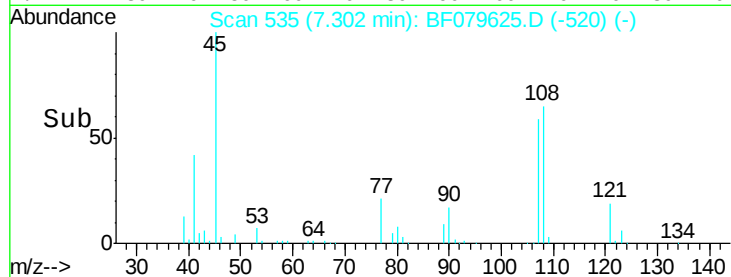
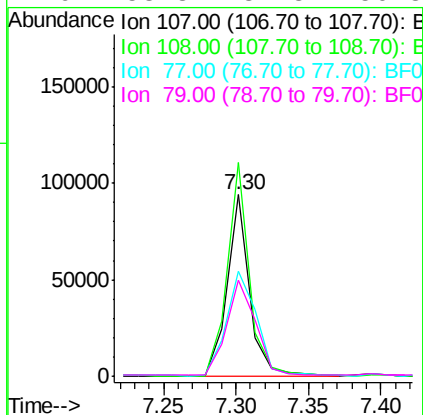
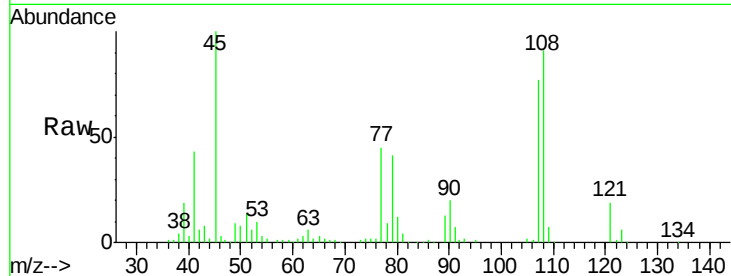




#17
2-Methylphenol
Concen: 24.80 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

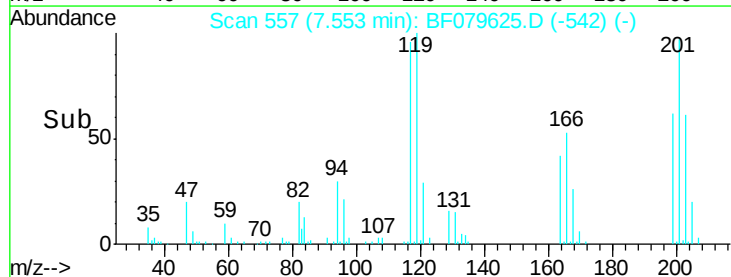
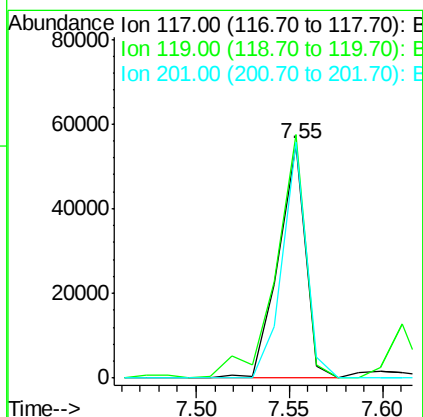
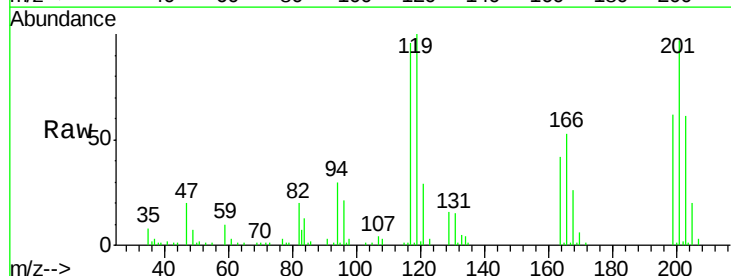
Instrument :
BNA_F
ClientSampleId :
PX4MS

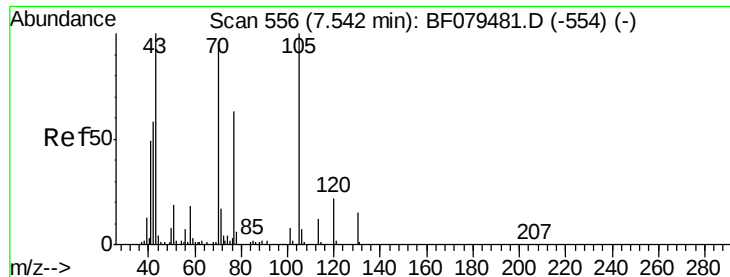
Tgt Ion:	107	Resp:	100488
Ion	Ratio	Lower	Upper
107	100		
108	117.8	93.1	139.7
77	58.1	39.2	58.8
79	53.3	37.8	56.8



#18
Hexachloroethane
Concen: 27.80 ng
RT: 7.55 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

Tgt Ion:	117	Resp:	55763
Ion	Ratio	Lower	Upper
117	100		
119	104.2	74.9	112.3
201	101.1	60.2	90.4#

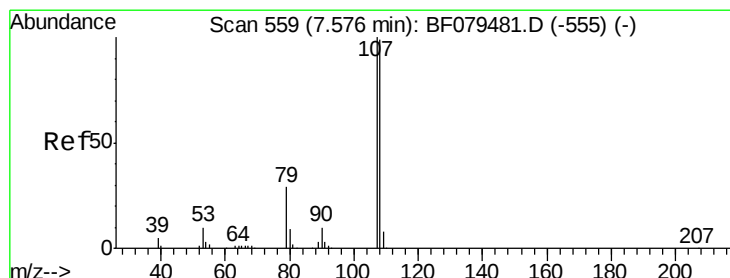
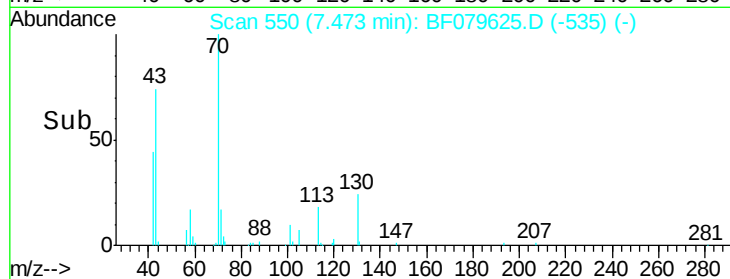
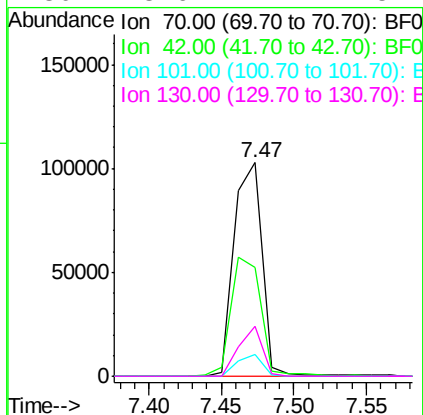
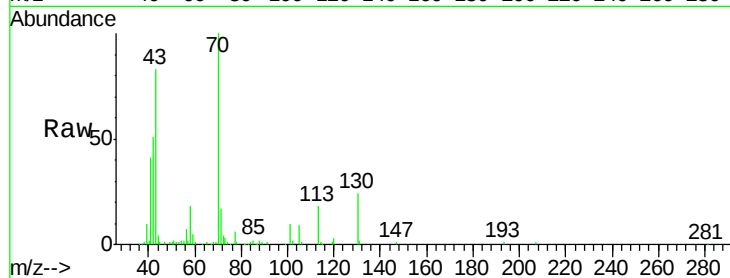




#19
n-Nitroso-di-n-propylamine
Concen: 34.70 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

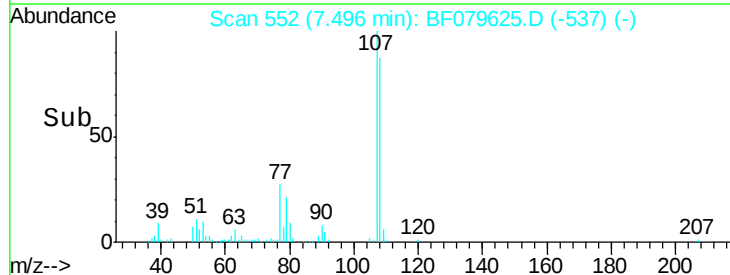
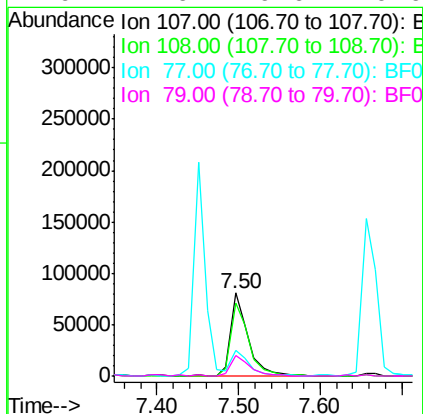
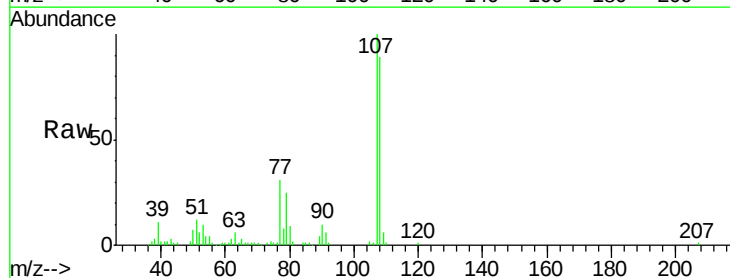
Instrument :
BNA_F
ClientSampleId :
PX4MS

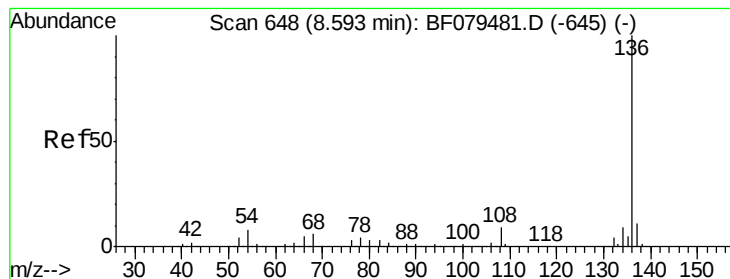
Tgt Ion:	70	Resp:	137844
Ion	Ratio	Lower	Upper
70	100		
42	50.8	48.8	73.2
101	10.3	6.6	9.8#
130	23.6	12.2	18.4#



#20
3+4-Methylphenols
Concen: 21.72 ng
RT: 7.50 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

Tgt Ion:	107	Resp:	120905
Ion	Ratio	Lower	Upper
107	100		
108	88.6	77.7	117.7
77	30.9	11.4	51.4
79	24.6	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

Tgt Ion:136 Resp: 314607

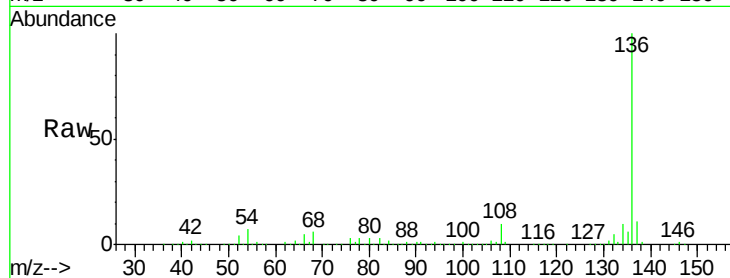
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 6.6 9.8

68 5.5 4.7 7.1

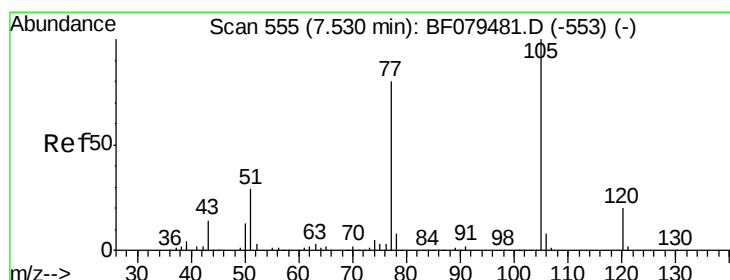
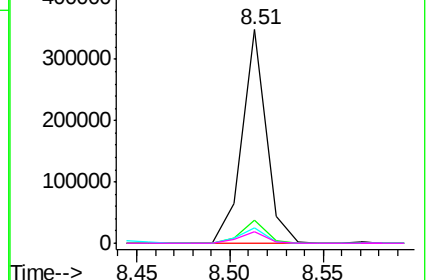
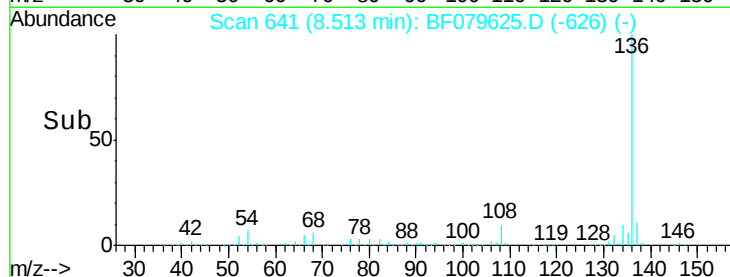


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.55 ng

RT: 7.45 min Scan# 548

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Tgt Ion:105 Resp: 278754

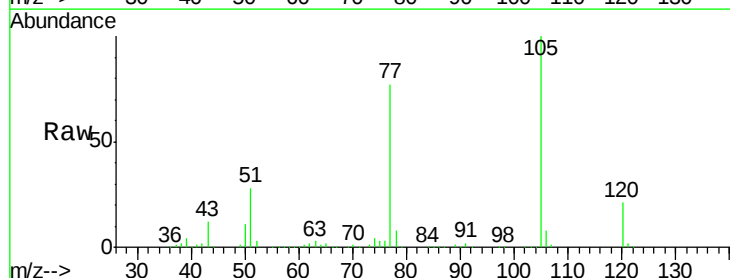
Ion Ratio Lower Upper

105 100

71 0.2 0.2 0.4#

51 28.1 23.7 35.5

120 21.1 16.2 24.4

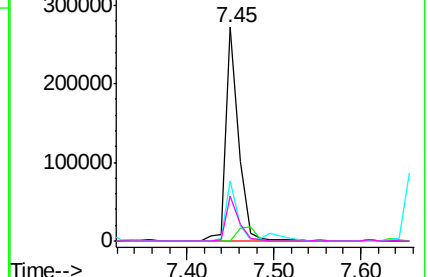
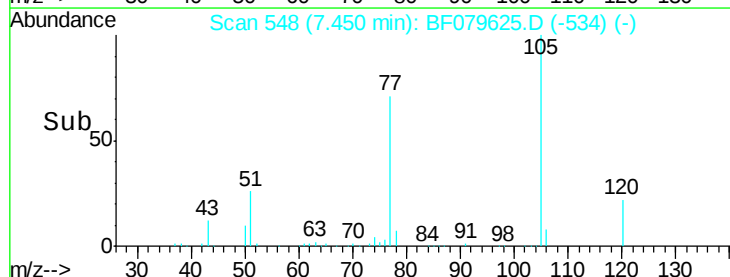


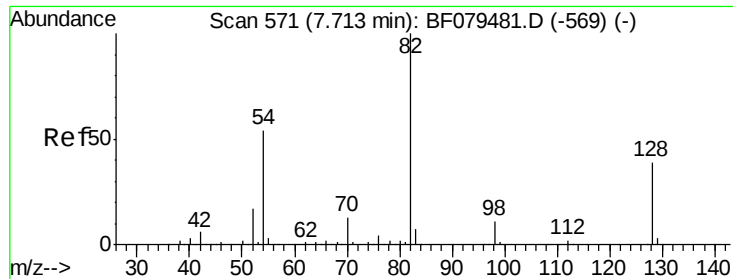
Abundance Ion 105.00 (104.70 to 105.70): E

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

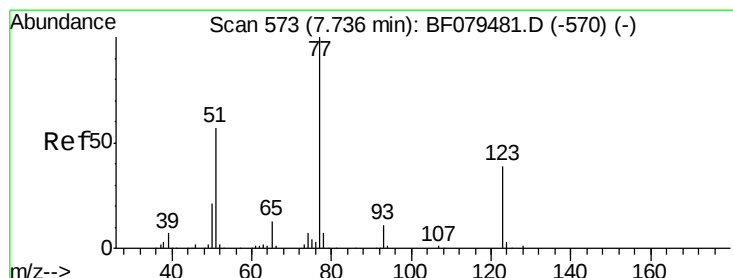
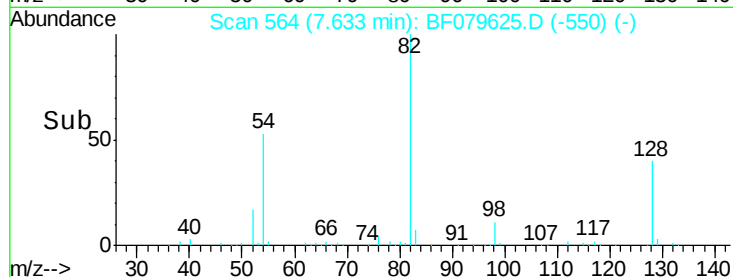
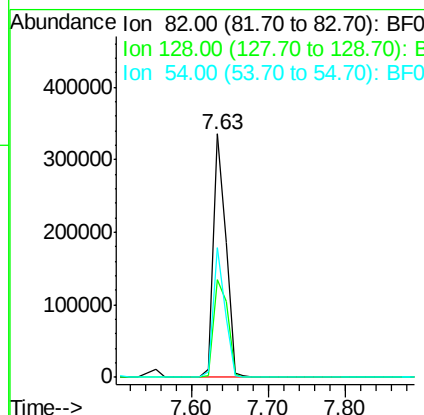
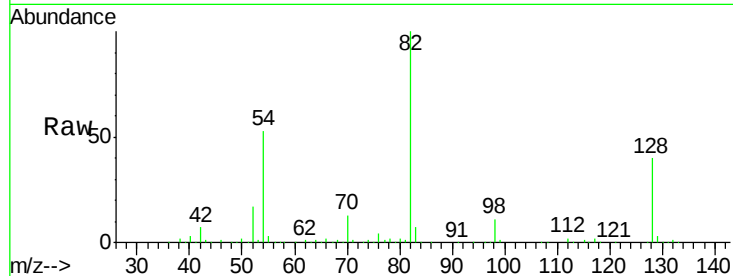




#23
Nitrobenzene-d5
Concen: 68.69 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

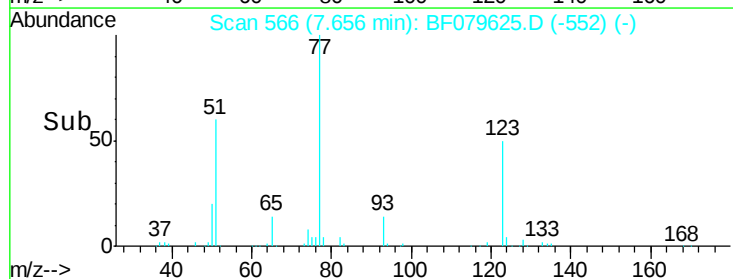
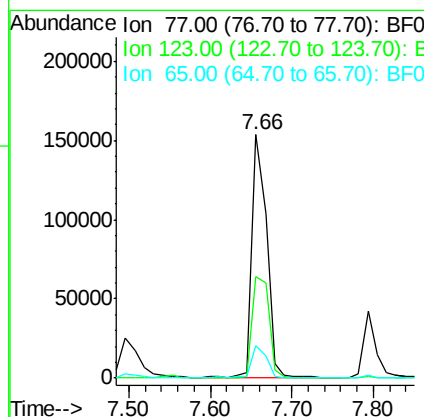
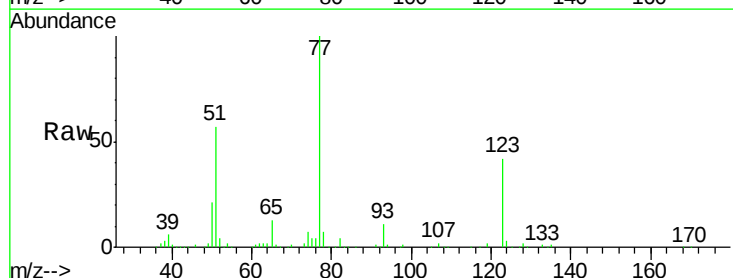
Instrument :
BNA_F
ClientSampleId :
PX4MS

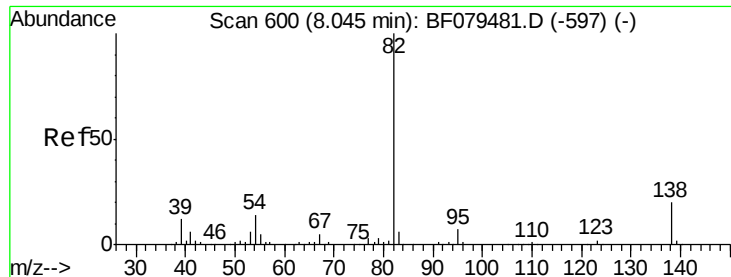
Tgt Ion: 82 Resp: 373867
Ion Ratio Lower Upper
82 100
128 40.0 30.8 46.2
54 53.2 42.8 64.2



#24
Nitrobenzene
Concen: 35.10 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.03 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

Tgt Ion: 77 Resp: 188275
Ion Ratio Lower Upper
77 100
123 41.8 31.0 46.4
65 13.4 10.6 15.8





#25

Isophorone

Concen: 36.28 ng

RT: 7.96 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

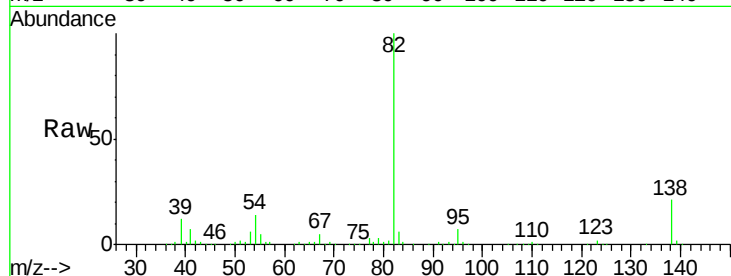
Tgt Ion: 82 Resp: 359875

Ion Ratio Lower Upper

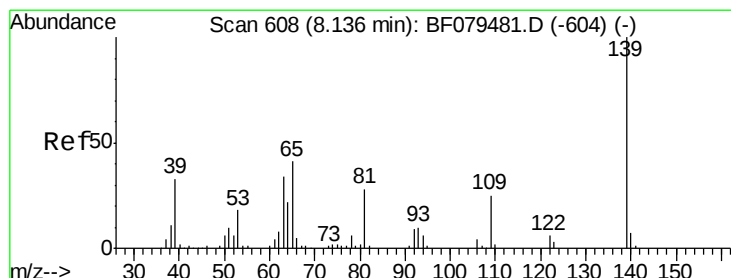
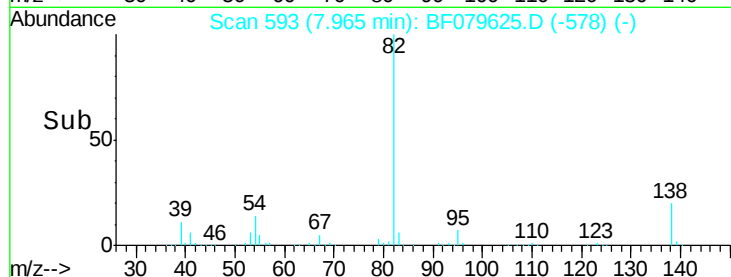
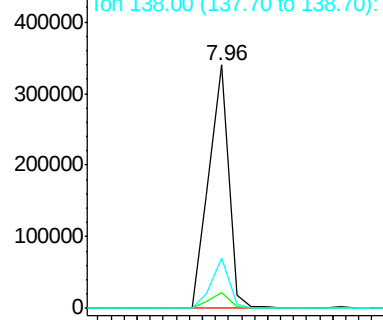
82 100

95 6.7 5.5 8.3

138 20.5 16.1 24.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 34.74 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

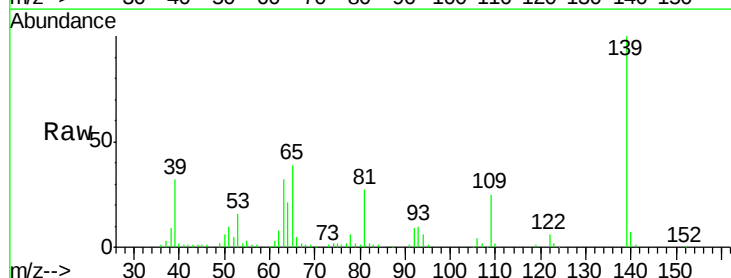
Tgt Ion: 139 Resp: 88231

Ion Ratio Lower Upper

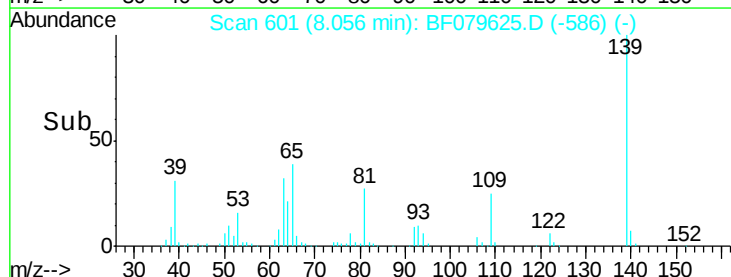
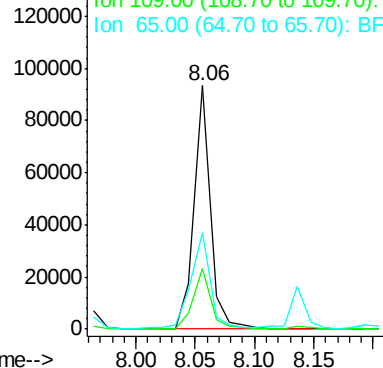
139 100

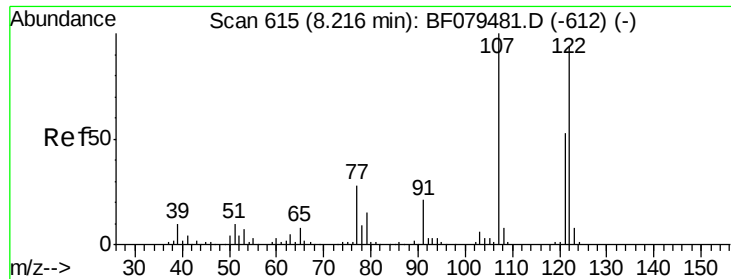
109 24.7 20.2 30.2

65 39.5 32.5 48.7



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





#27

2,4-Dimethylphenol

Concen: 34.19 ng

RT: 8.14 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

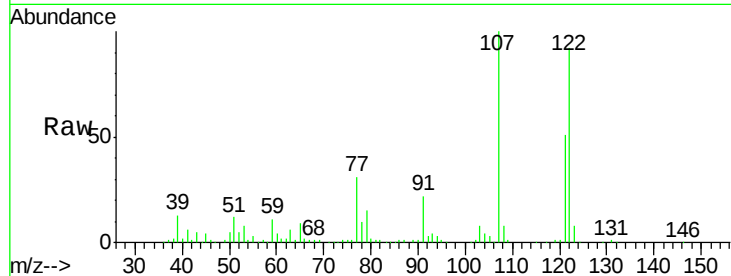
Tgt Ion:122 Resp: 156090

Ion Ratio Lower Upper

122 100

107 109.0 85.2 127.8

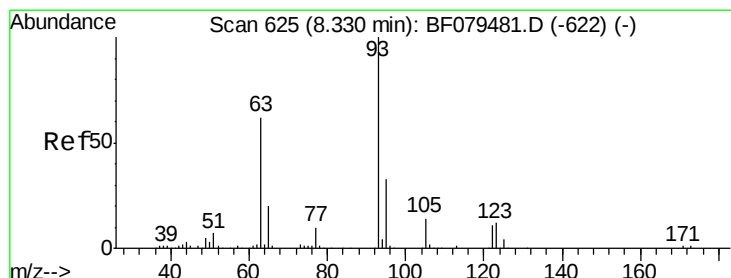
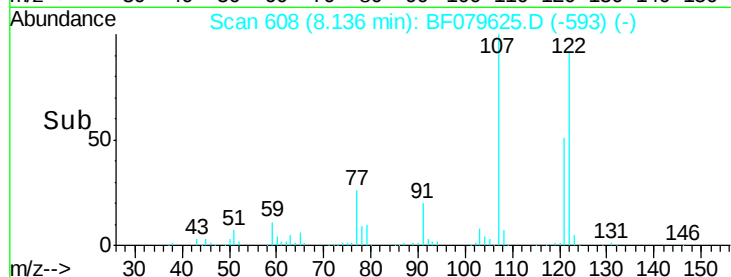
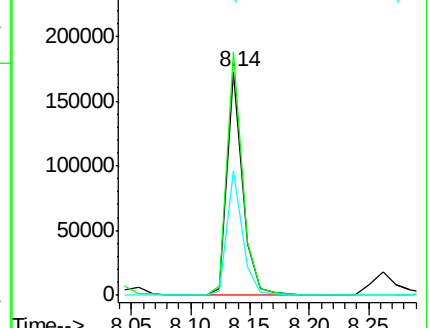
121 55.9 45.2 67.8



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: 37.99 ng

RT: 8.25 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

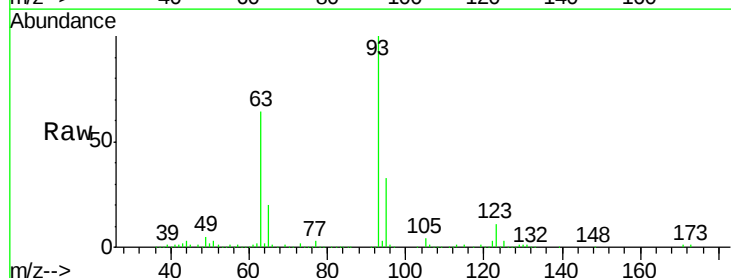
Tgt Ion: 93 Resp: 233586

Ion Ratio Lower Upper

93 100

95 33.3 26.6 39.8

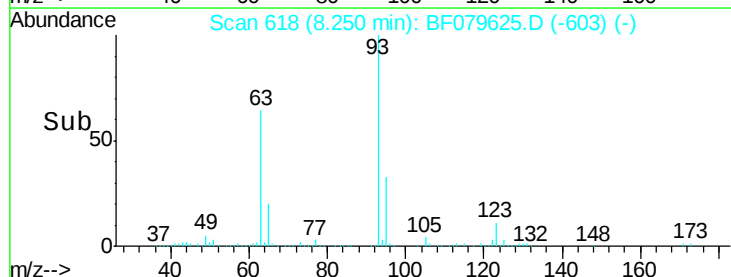
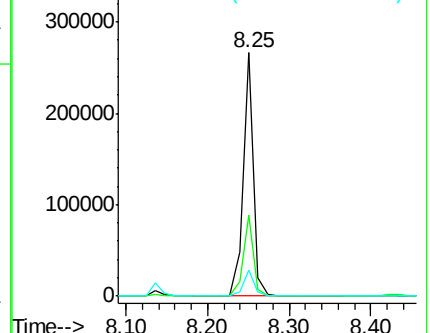
123 10.9 9.4 14.0

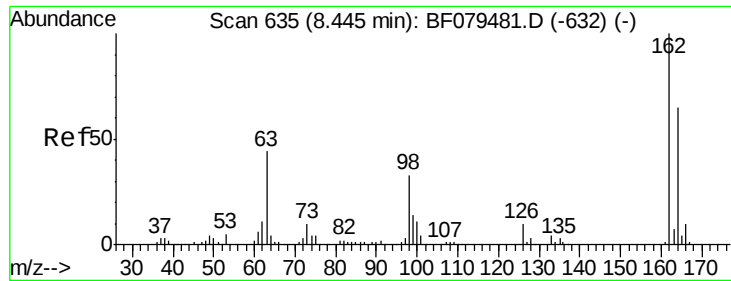


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

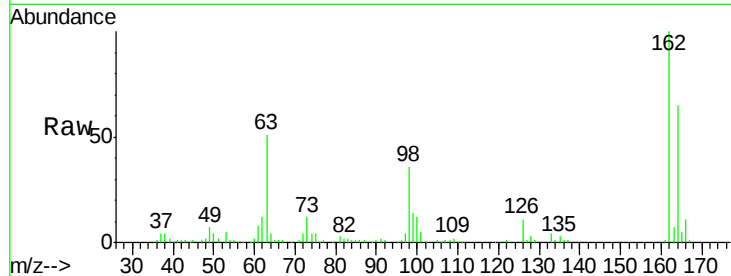




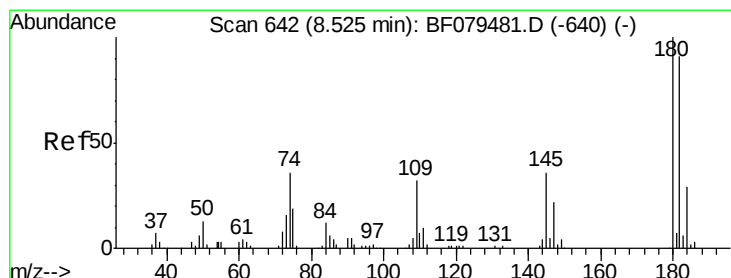
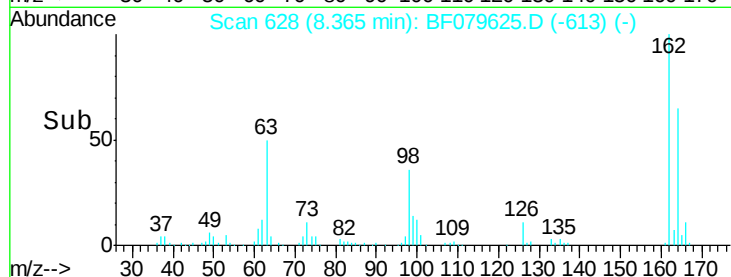
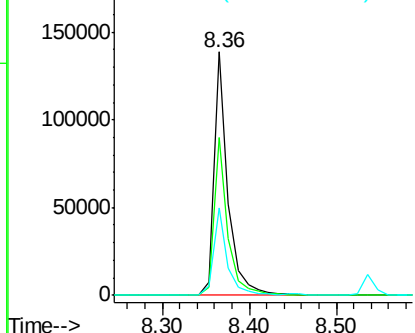
#29
 2,4-Dichlorophenol
 Concen: 37.21 ng
 RT: 8.36 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PX4MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.0	85.0
98	36.0	13.2	53.2

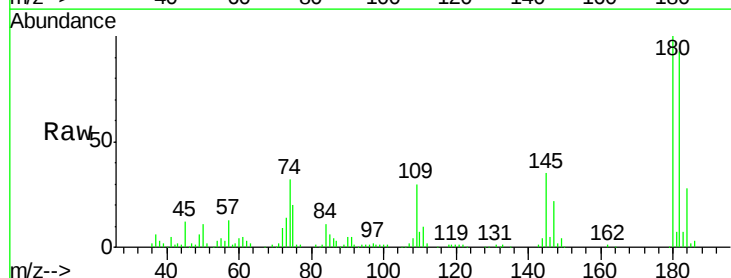


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

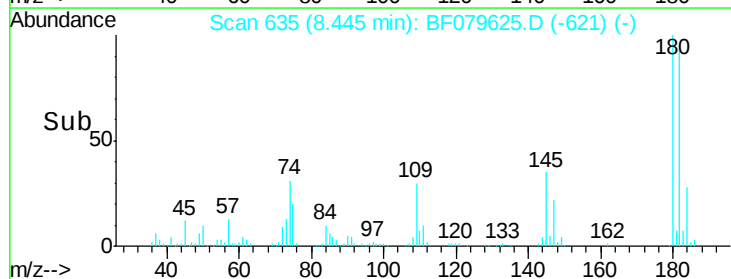
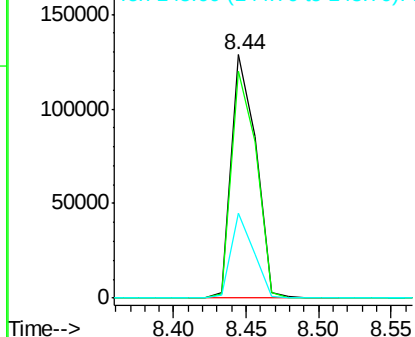


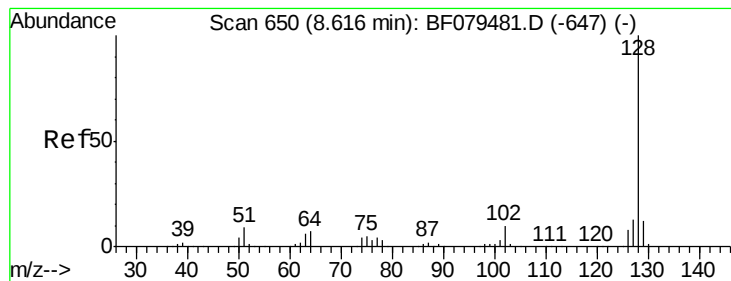
#30
 1,2,4-Trichlorobenzene
 Concen: 34.99 ng
 RT: 8.44 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	73.2	109.8
145	35.1	28.9	43.3



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: 55.30 ng

RT: 8.54 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampled :

PX4MS

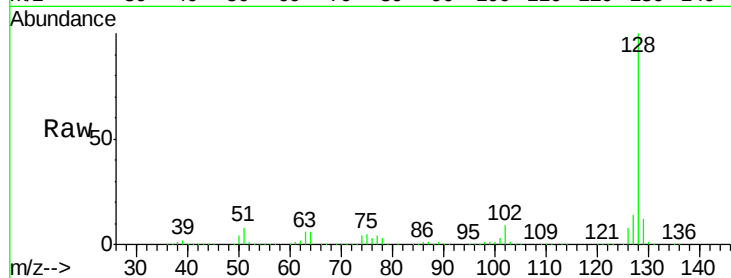
Tgt Ion:128 Resp: 834925

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

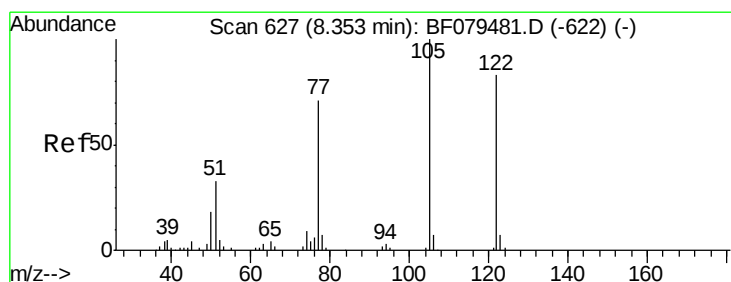
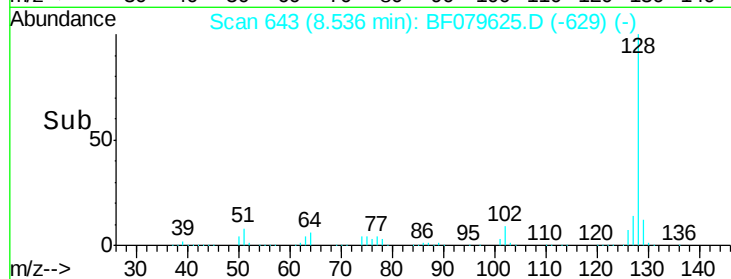
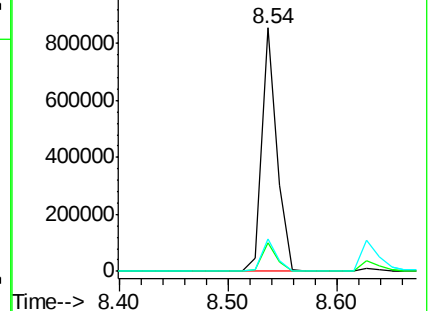
127 13.6 10.6 15.8



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: 12.62 ng

RT: 8.26 min Scan# 619

Delta R.T. -0.05 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

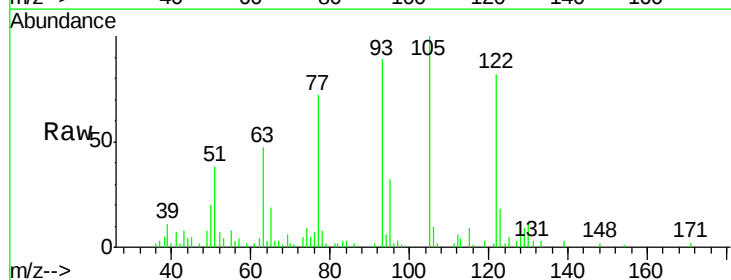
Tgt Ion:122 Resp: 35759

Ion Ratio Lower Upper

122 100

105 121.3 100.2 140.2

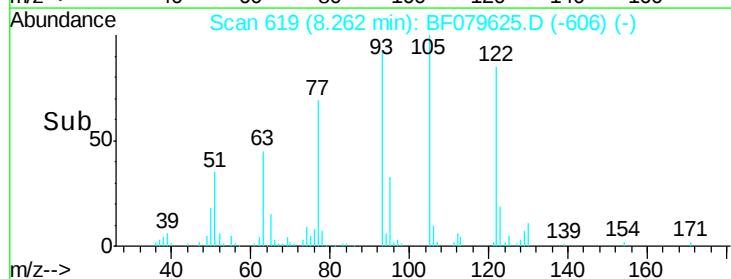
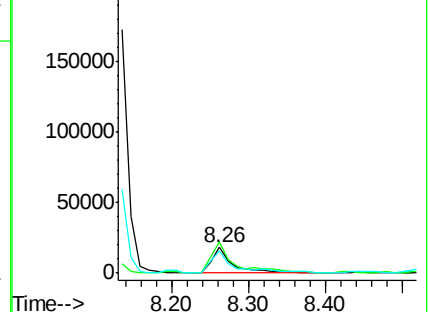
77 87.4 64.8 104.8

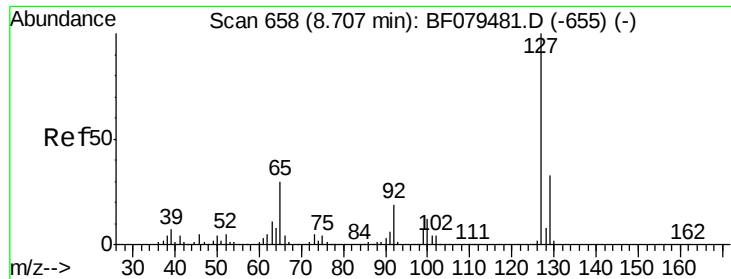


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

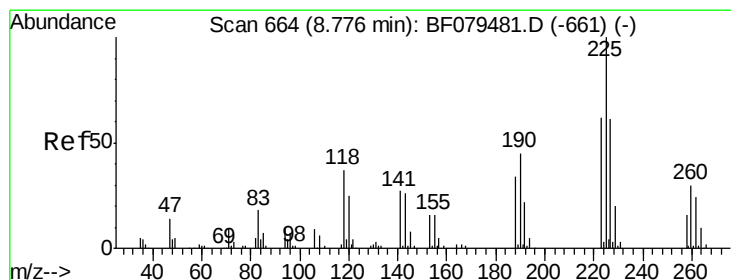
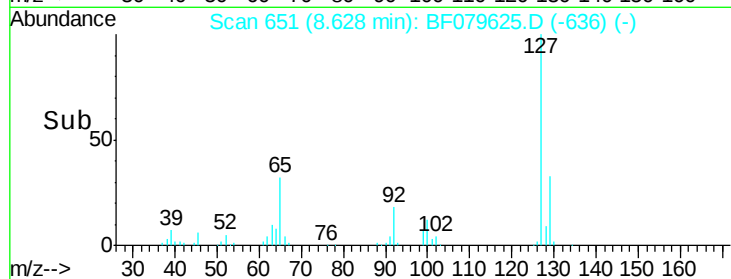
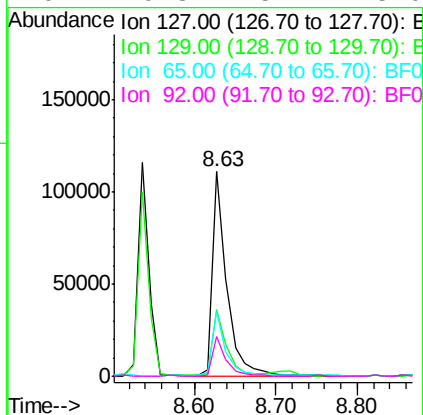
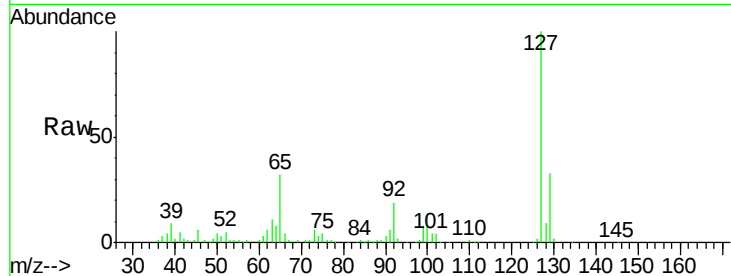




#33
4-Chloroaniline
Concen: 21.61 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

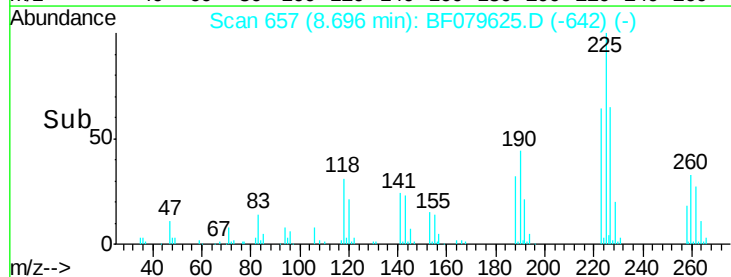
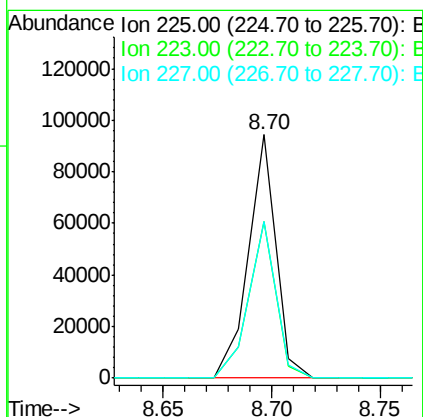
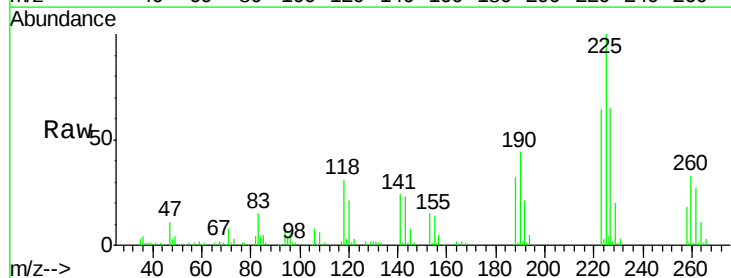
Instrument :
BNA_F
ClientSampleId :
PX4MS

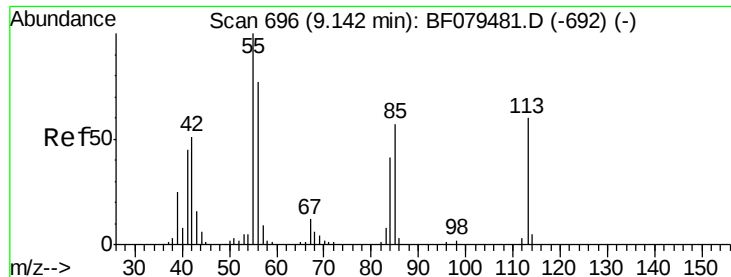
Tgt Ion:	127	Resp:	136288
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	31.9	24.2	36.4
92	19.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 33.58 ng
RT: 8.70 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

Tgt Ion:	225	Resp:	82857
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.9	74.9
227	64.6	48.9	73.3

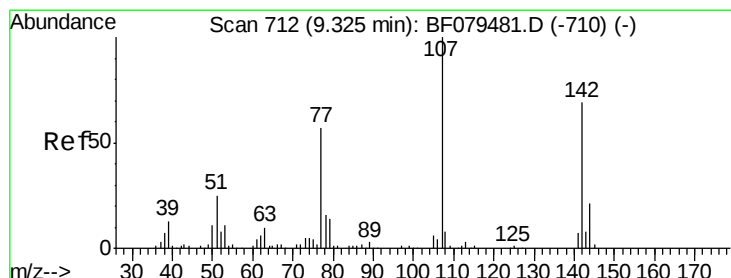
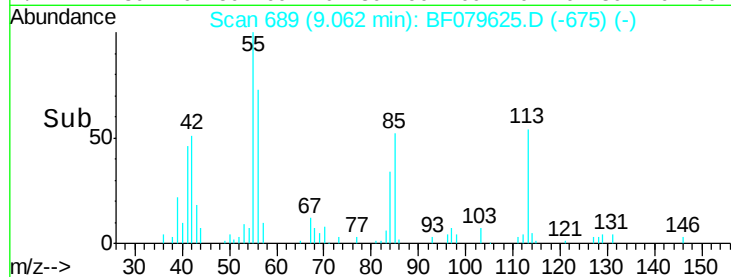
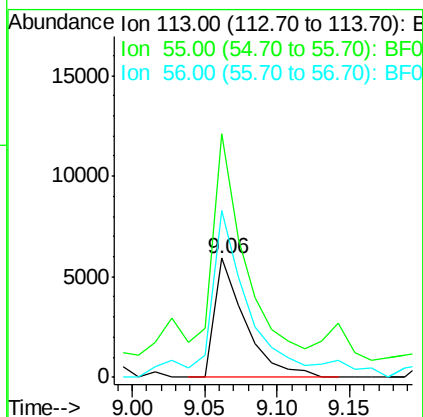
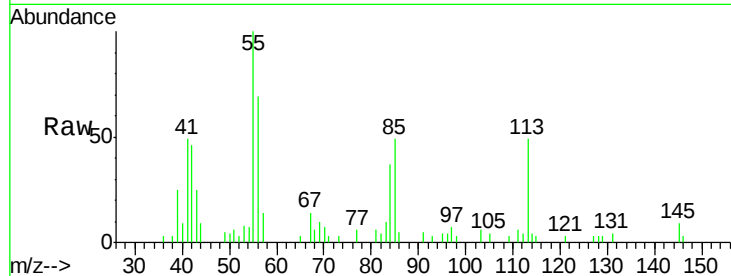




#35
 Caprolactam
 Concen: 6.56 ng
 RT: 9.06 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

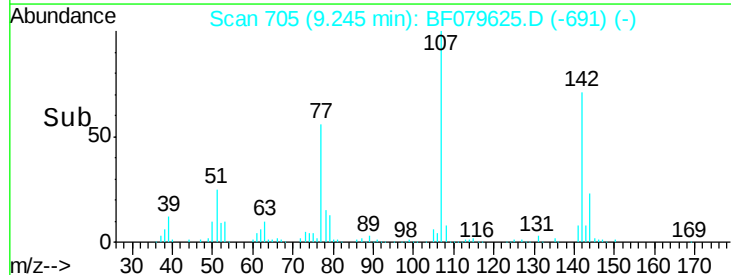
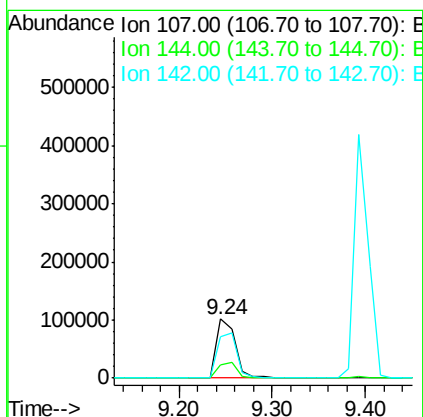
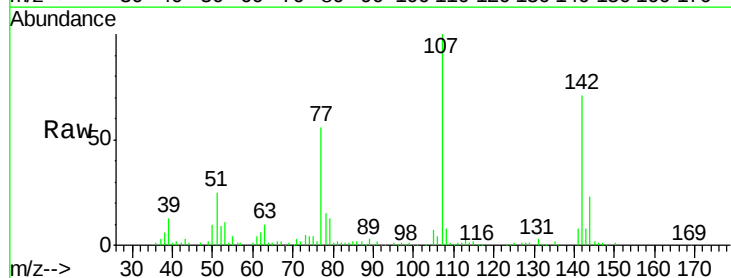
Instrument :
 BNA_F
 ClientSampleId :
 PX4MS

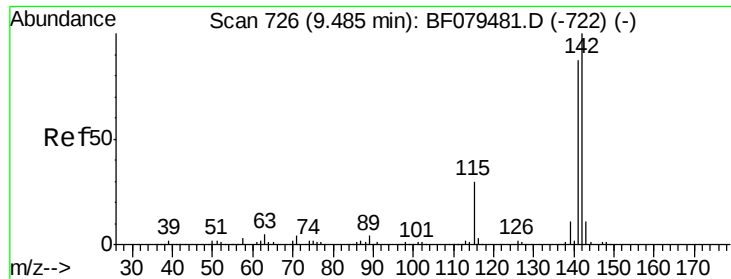
Tgt Ion:113 Resp: 8656
 Ion Ratio Lower Upper
 113 100
 55 204.6 147.2 187.2#
 56 140.7 108.6 148.6



#36
 4-Chloro-3-methylphenol
 Concen: 33.17 ng
 RT: 9.24 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Tgt Ion:107 Resp: 143890
 Ion Ratio Lower Upper
 107 100
 144 22.5 16.9 25.3
 142 71.0 55.2 82.8

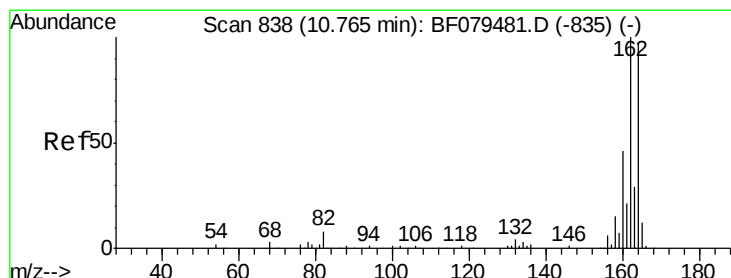
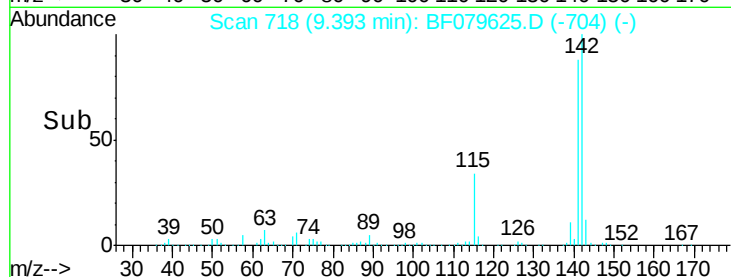
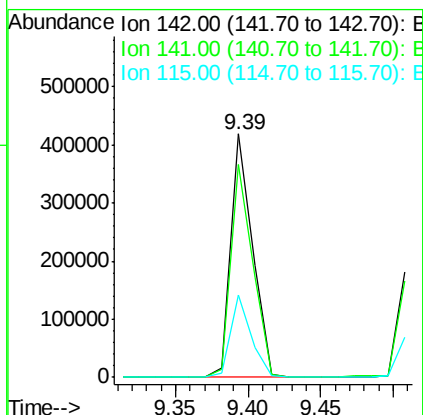
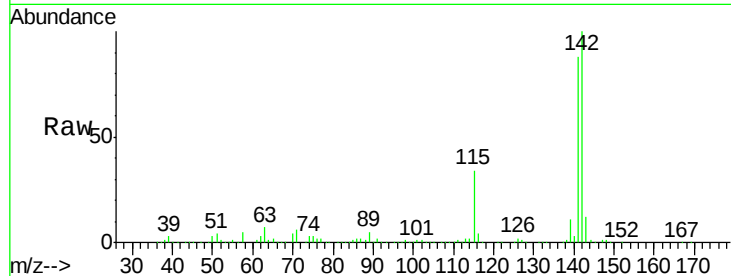




#37
 2-Methylnaphthalene
 Concen: 41.52 ng
 RT: 9.39 min Scan# 718
 Delta R.T. -0.03 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

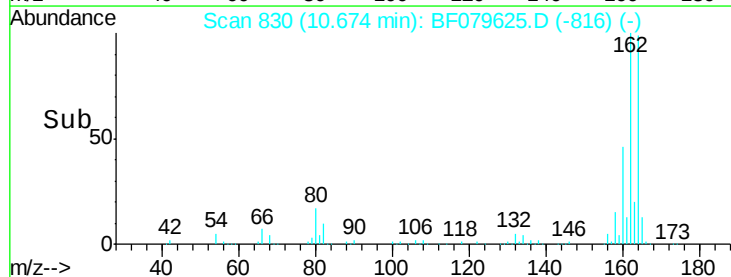
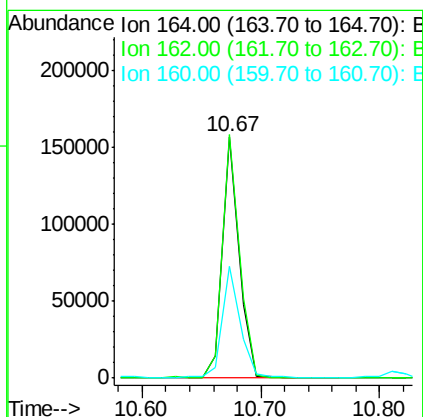
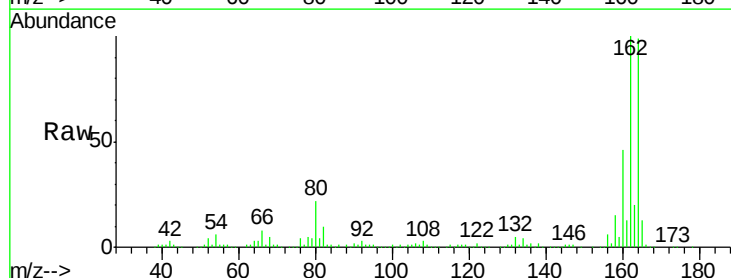
Instrument :
 BNA_F
 ClientSampleId :
 PX4MS

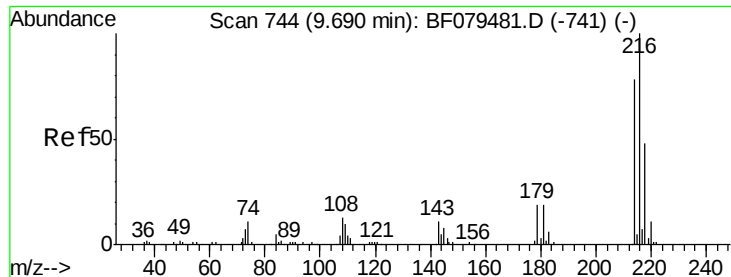
Tgt Ion:142 Resp: 435272
 Ion Ratio Lower Upper
 142 100
 141 87.5 69.5 104.3
 115 33.6 23.8 35.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Tgt Ion:164 Resp: 152615
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 124.0
 160 46.4 37.7 56.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.90 ng

RT: 9.60 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

Tgt Ion:216 Resp: 153242

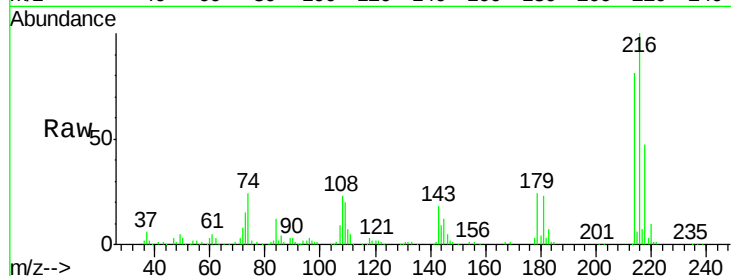
Ion Ratio Lower Upper

216 100

214 79.1 0.0 0.0#

179 21.9 0.0 0.0#

108 19.5 0.0 0.0#

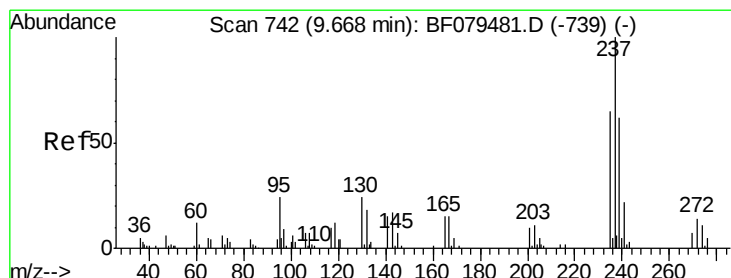
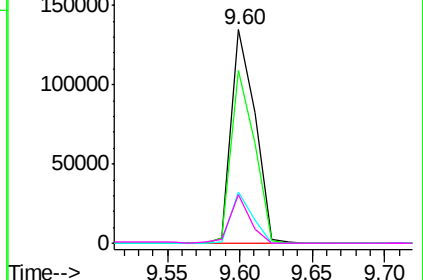
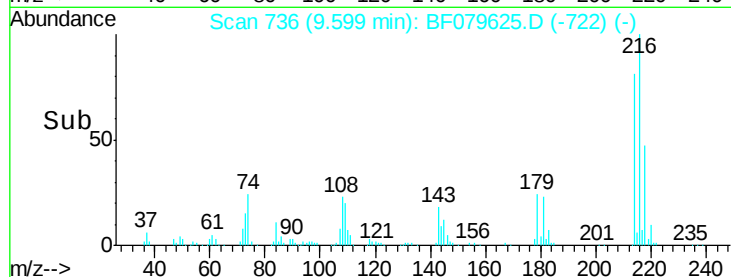


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 21.24 ng

RT: 9.59 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

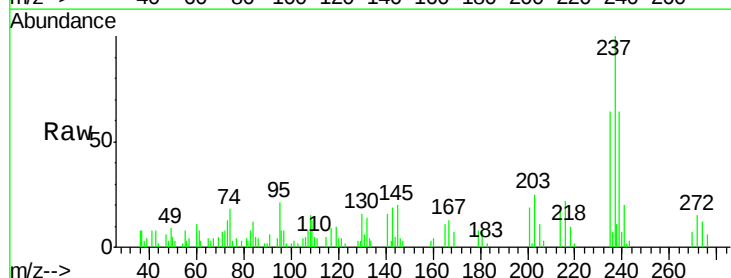
Tgt Ion:237 Resp: 14086

Ion Ratio Lower Upper

237 100

235 64.4 45.0 85.0

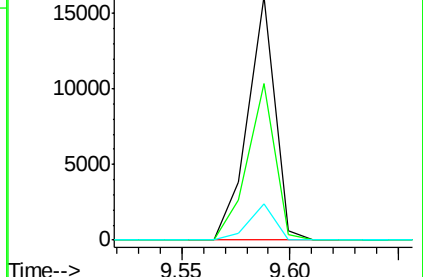
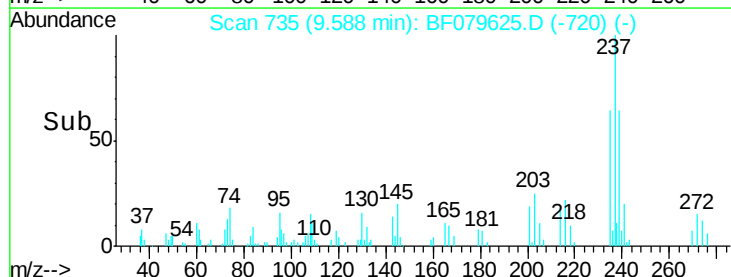
272 14.8 0.0 33.9

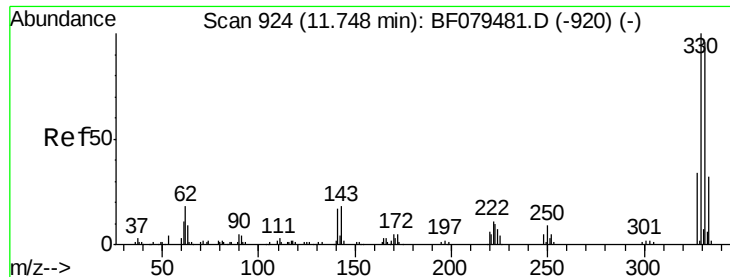


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 120.78 ng

RT: 11.66 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

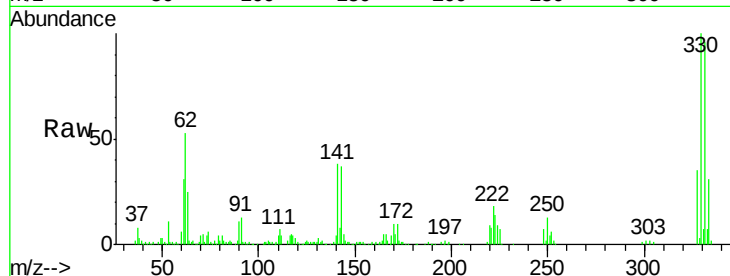
Tgt Ion:330 Resp: 202453

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

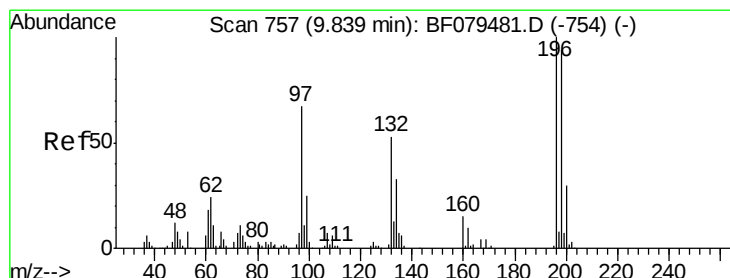
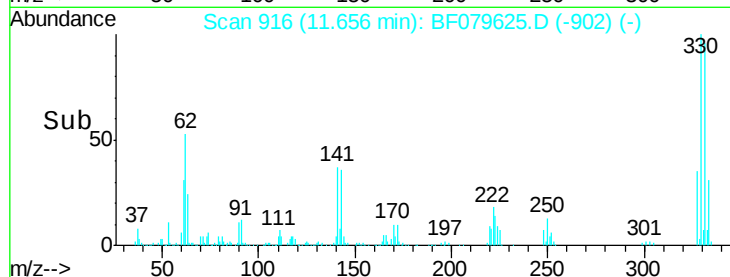
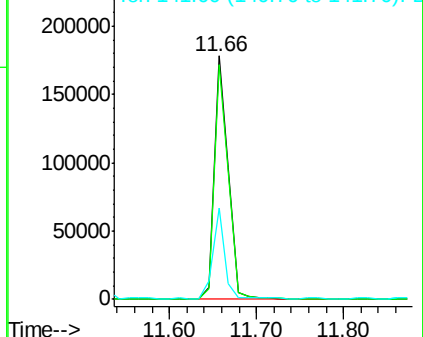
141 31.7 0.0 0.0#



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: 36.84 ng

RT: 9.76 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

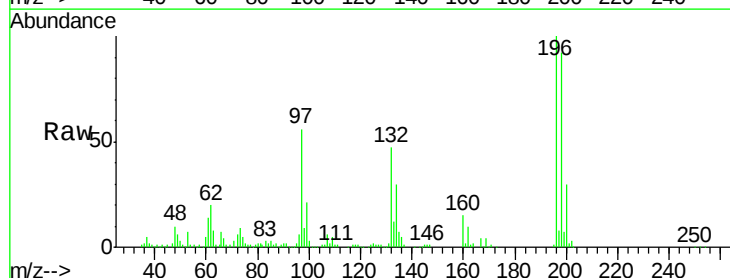
Tgt Ion:196 Resp: 109826

Ion Ratio Lower Upper

196 100

198 92.4 75.3 112.9

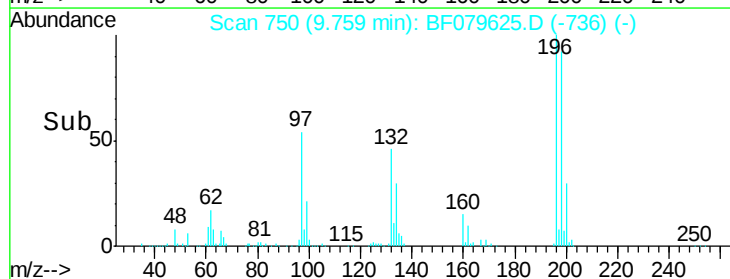
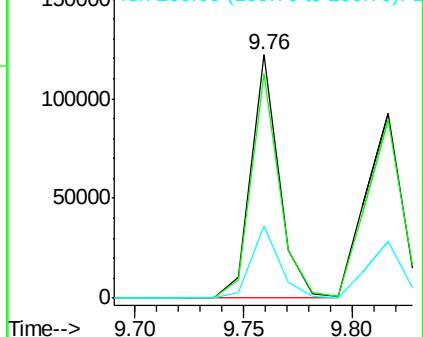
200 29.7 23.8 35.8

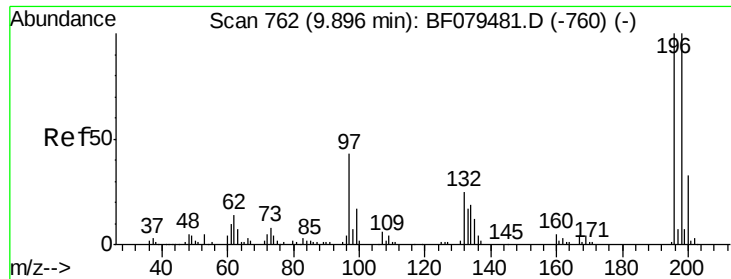


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

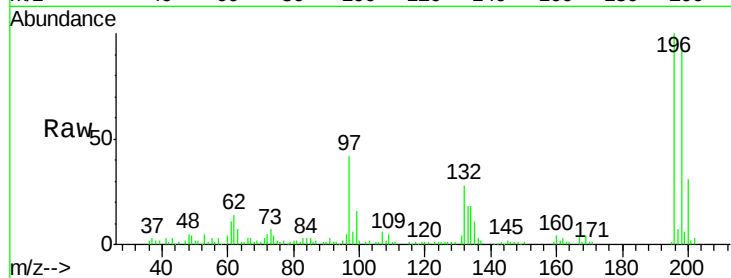




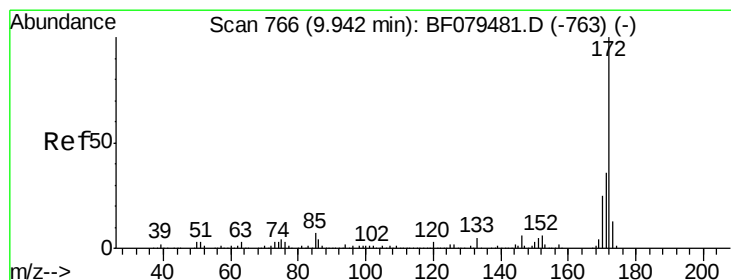
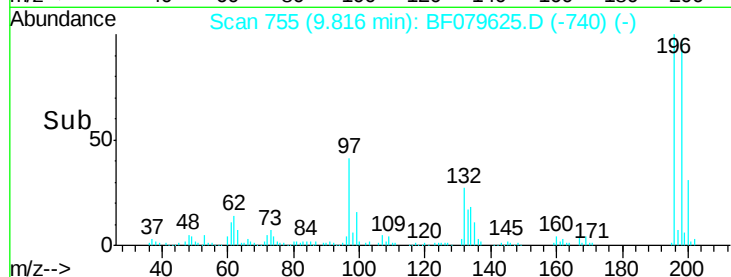
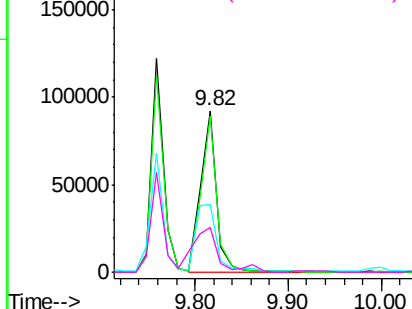
#43
 2,4,5-Trichlorophenol
 Concen: 37.74 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PX4MS

Tgt Ion:	196	Resp:	111979
Ion	Ratio	Lower	Upper
196	100		
198	96.7	80.3	120.5
97	42.2	34.8	52.2
132	27.6	20.6	31.0

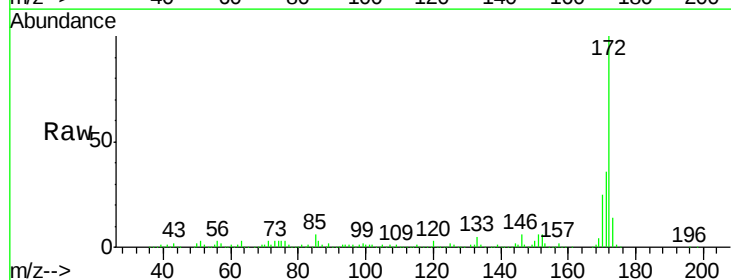


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

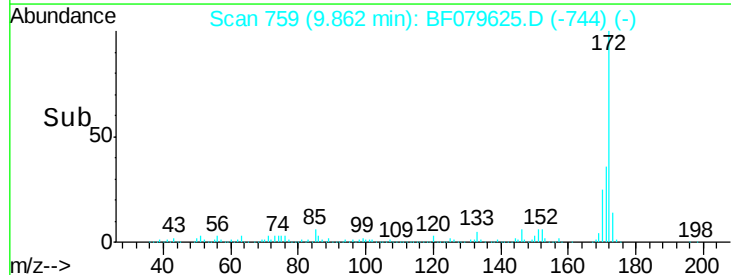
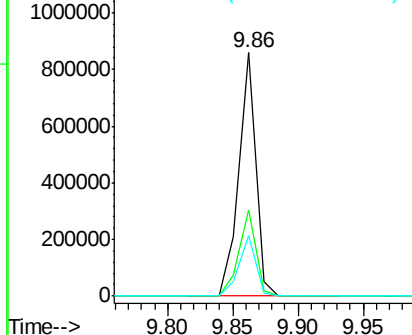


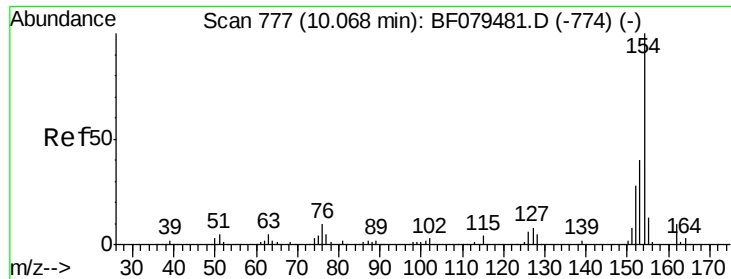
#44
 2-Fluorobiphenyl
 Concen: 72.26 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Tgt Ion:	172	Resp:	772980
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.7	19.7	29.5



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: 36.94 ng

RT: 9.98 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

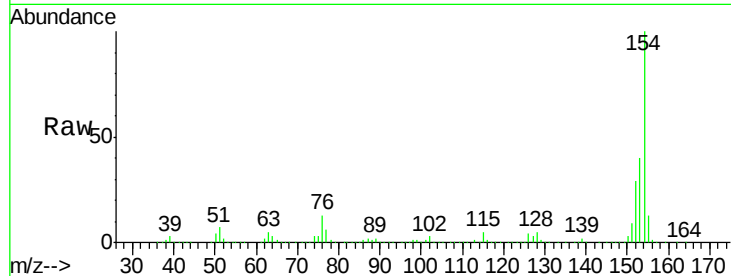
Tgt Ion:154 Resp: 440307

Ion Ratio Lower Upper

154 100

153 40.2 19.5 59.5

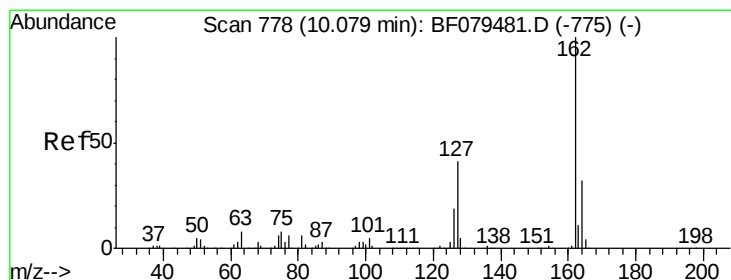
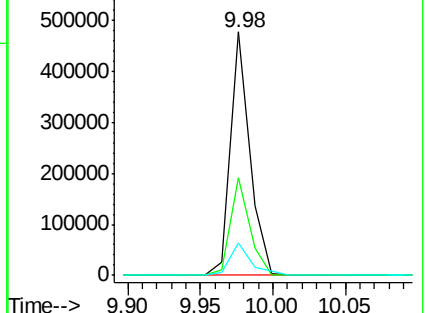
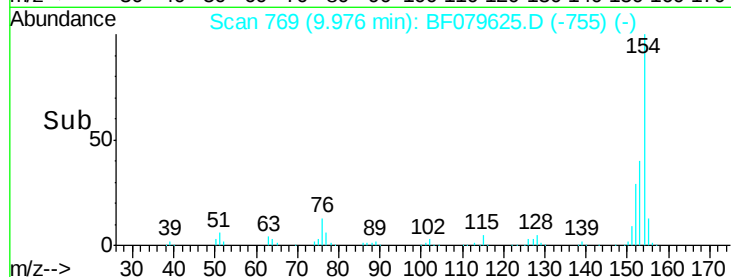
76 13.4 0.0 29.6



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: 37.12 ng

RT: 10.00 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

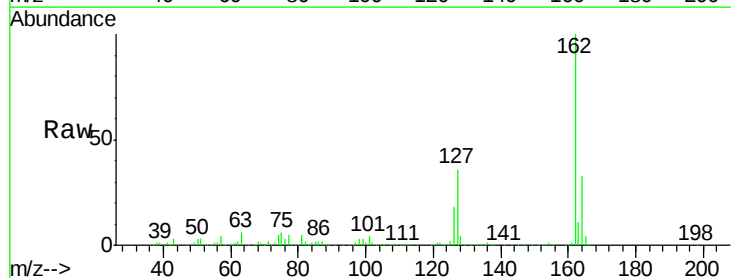
Tgt Ion:162 Resp: 349448

Ion Ratio Lower Upper

162 100

127 36.2 32.7 49.1

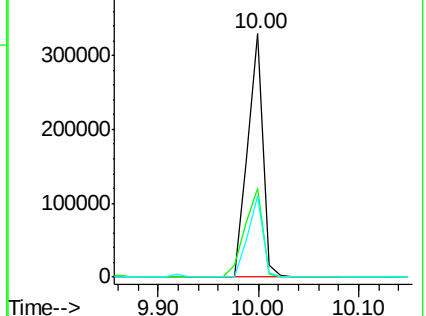
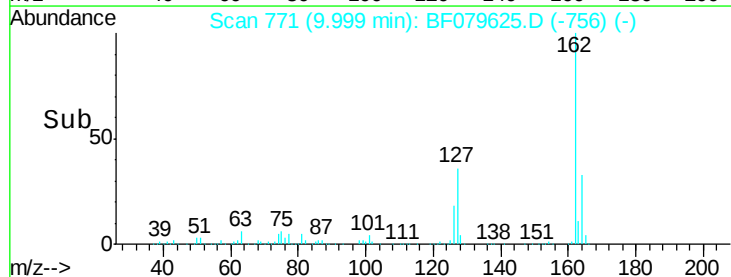
164 33.1 25.8 38.6

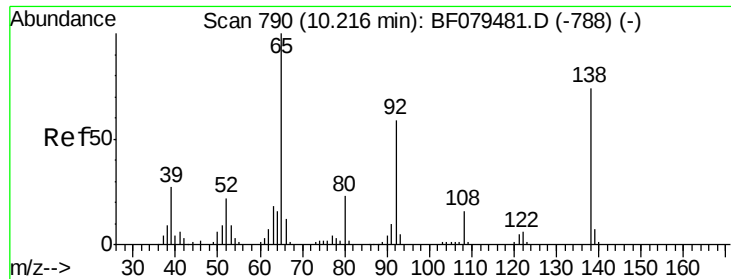


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

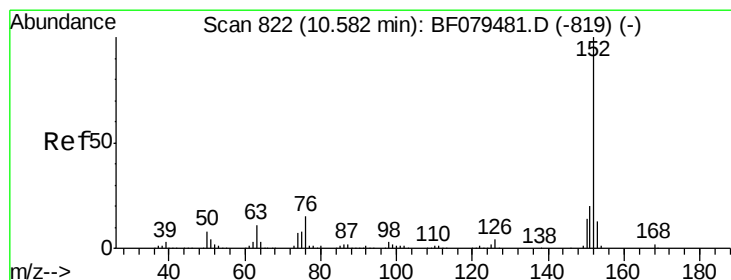
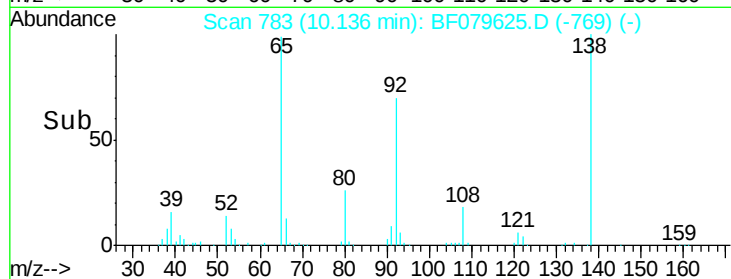
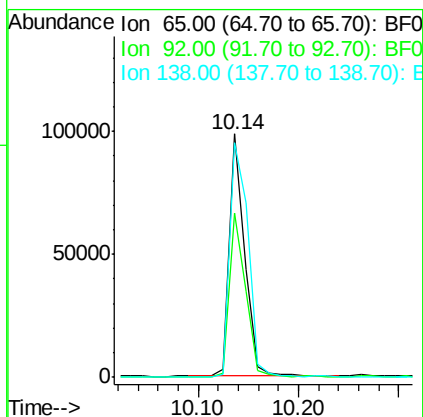
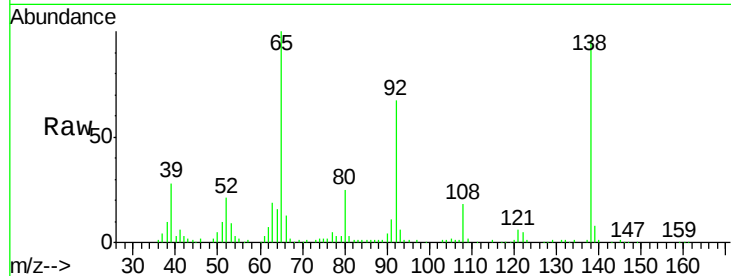




#47
2-Nitroaniline
Concen: 37.16 ng
RT: 10.14 min Scan# 783
Delta R.T. -0.03 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

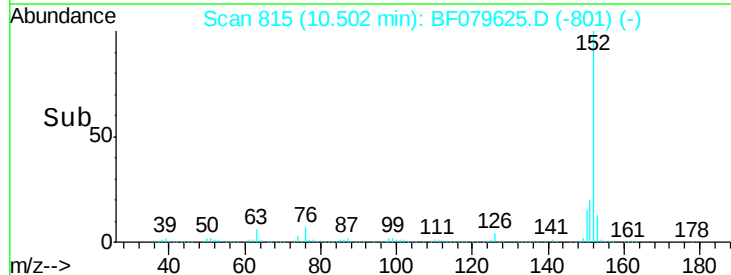
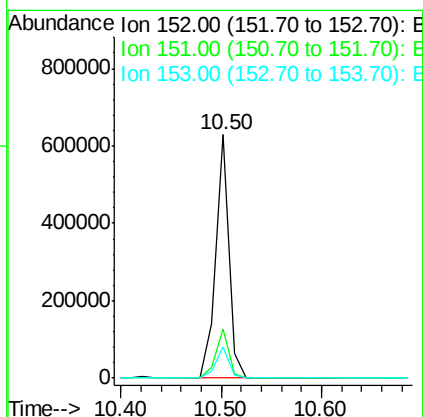
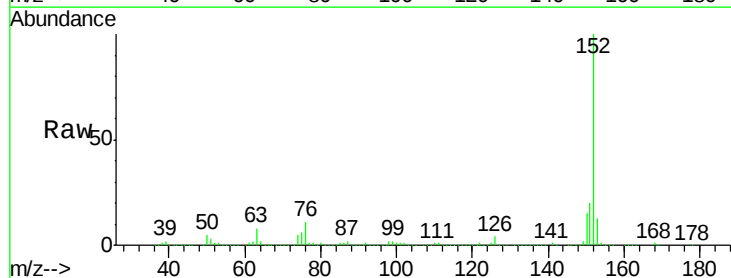
Instrument :
BNA_F
ClientSampled :
PX4MS

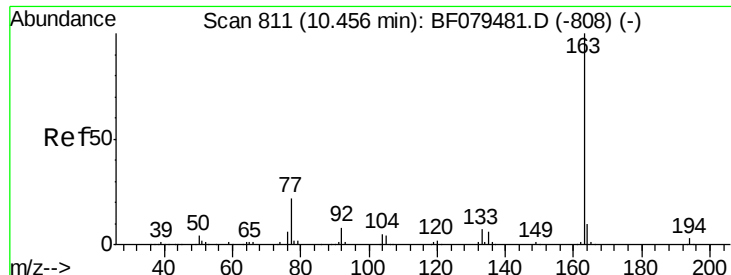
Tgt Ion: 65 Resp: 104023
Ion Ratio Lower Upper
65 100
92 67.4 47.2 70.8
138 96.2 59.2 88.8#



#48
Acenaphthylene
Concen: 36.85 ng
RT: 10.50 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

Tgt Ion: 152 Resp: 575782
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 40.54 ng

RT: 10.38 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

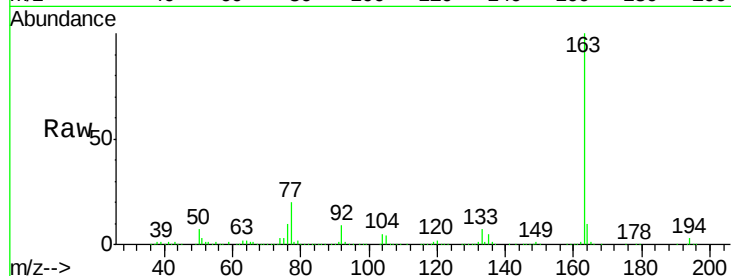
Tgt Ion:163 Resp: 455902

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

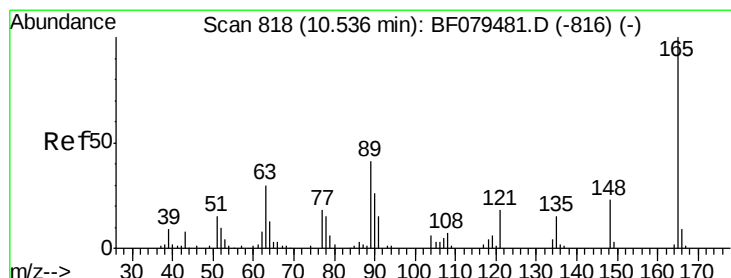
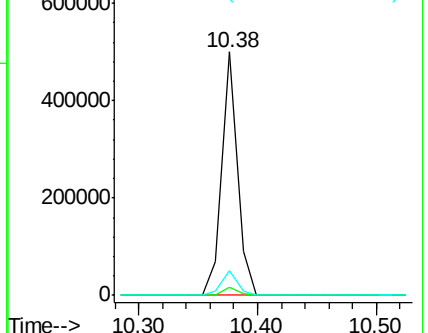
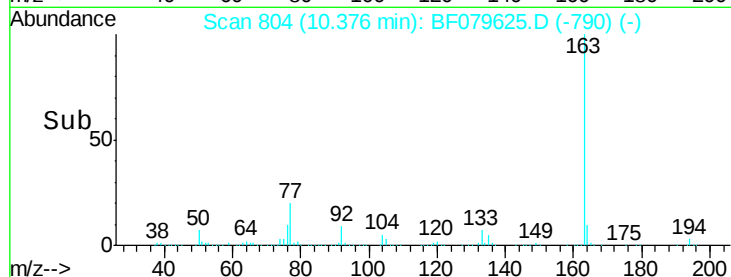
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.19 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

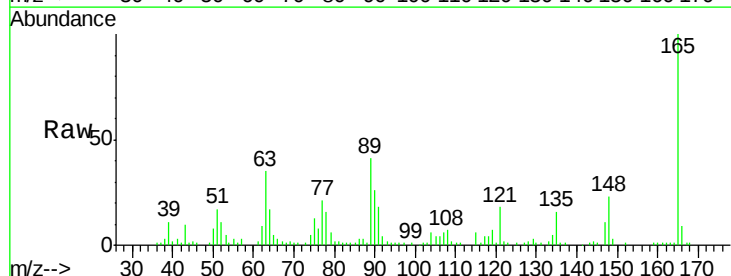
Tgt Ion:165 Resp: 85791

Ion Ratio Lower Upper

165 100

63 34.6 27.7 41.5

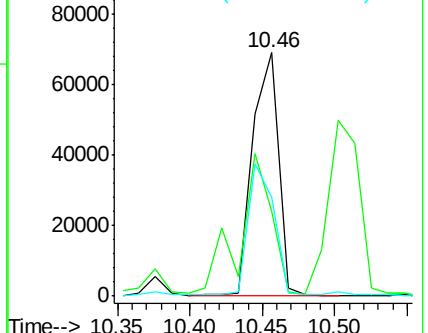
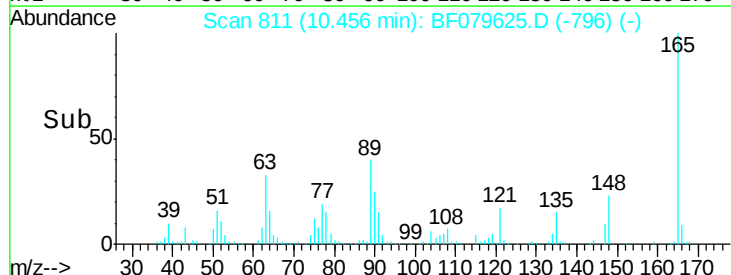
89 40.6 33.7 50.5

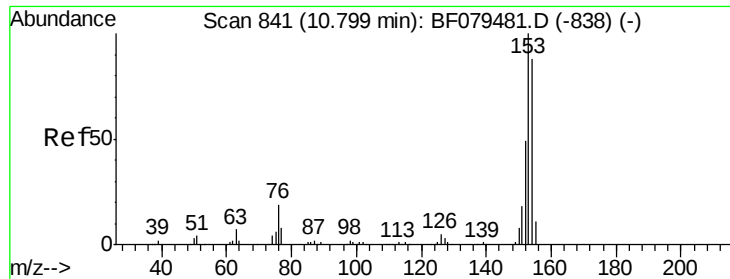


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.90 ng

RT: 10.72 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

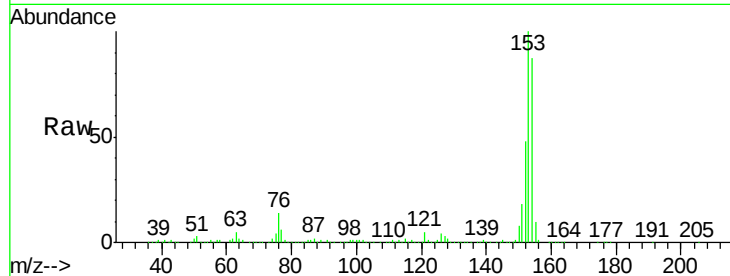
Tgt Ion:154 Resp: 338677

Ion Ratio Lower Upper

154 100

153 114.6 91.1 136.7

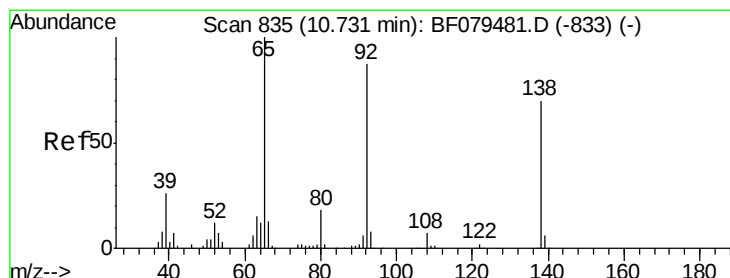
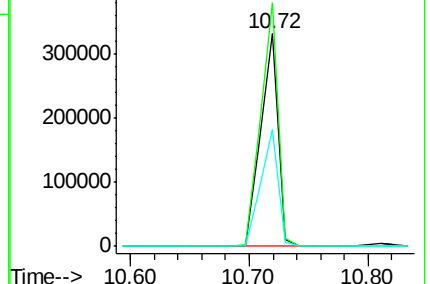
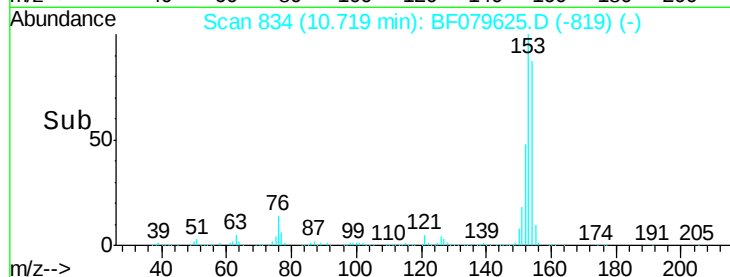
152 55.0 44.6 66.8



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: 27.65 ng

RT: 10.65 min Scan# 828

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

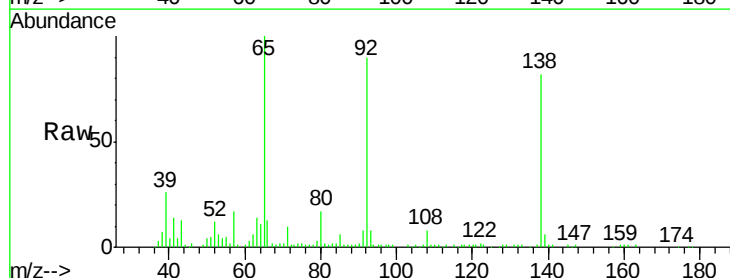
Tgt Ion:138 Resp: 80804

Ion Ratio Lower Upper

138 100

108 9.5 8.0 12.0

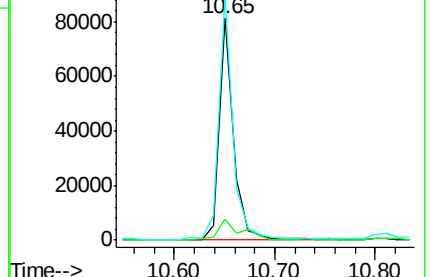
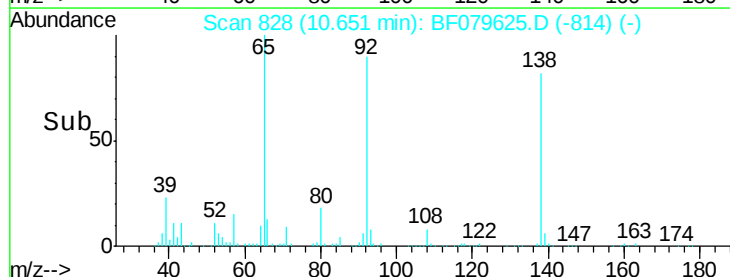
92 109.8 99.9 149.9

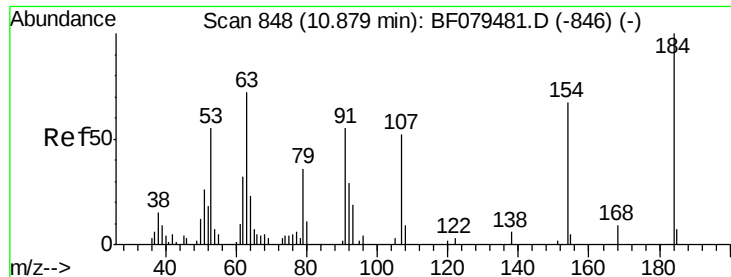


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

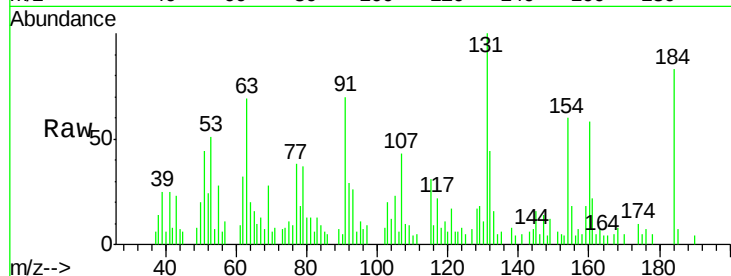




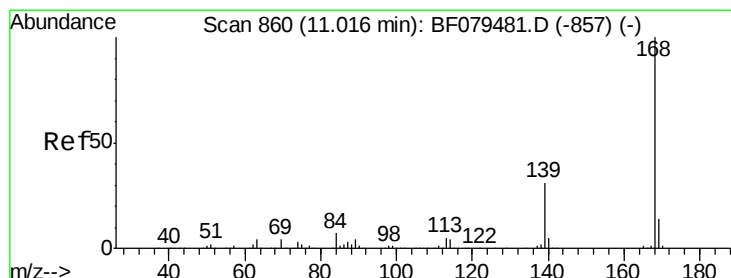
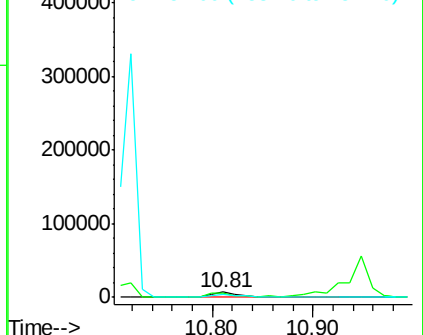
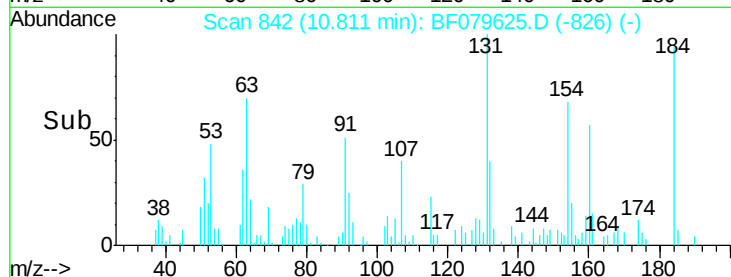
#53
2,4-Dinitrophenol
Concen: 27.20 ng
RT: 10.81 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

Instrument :
BNA_F
ClientSampled :
PX4MS

Tgt Ion:184 Resp: 14684
Ion Ratio Lower Upper
184 100
63 82.7 57.7 86.5
154 72.5 53.4 80.2

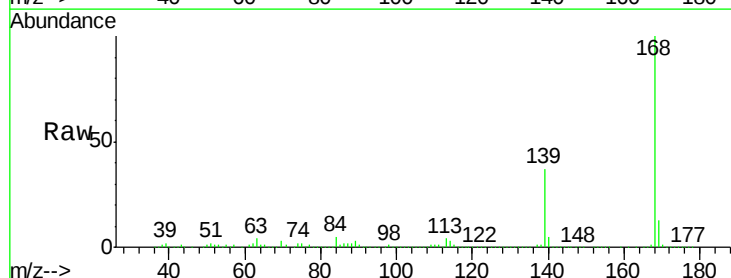


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

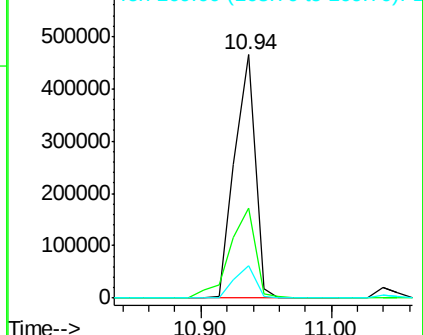
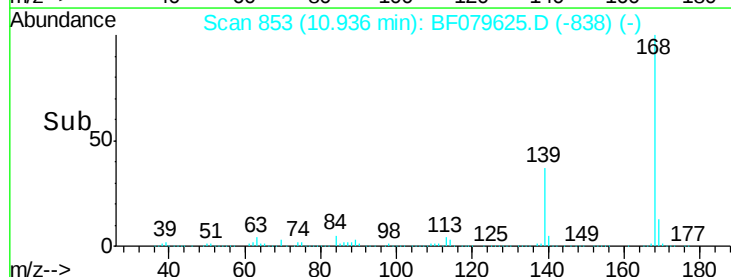


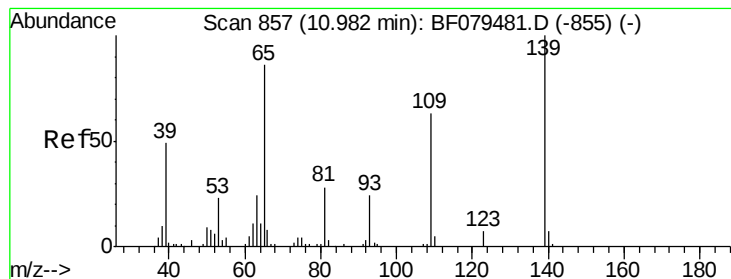
#54
Dibenzofuran
Concen: 38.79 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

Tgt Ion:168 Resp: 511236
Ion Ratio Lower Upper
168 100
139 36.9 32.9 49.3
169 13.2 11.1 16.7



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





#55

4-Nitrophenol

Concen: 147.25 ng

RT: 10.94 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

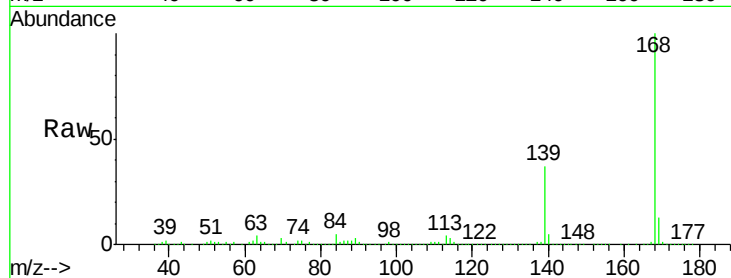
Tgt Ion:139 Resp: 238608

Ion Ratio Lower Upper

139 100

109 2.7 42.8 82.8#

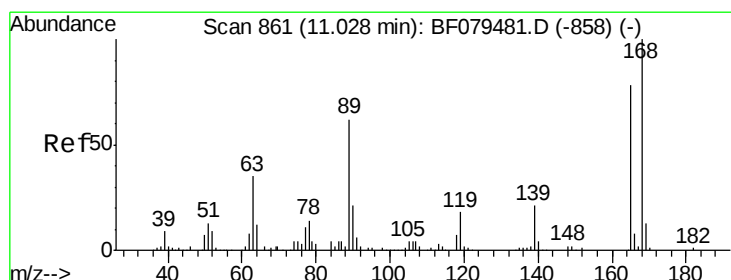
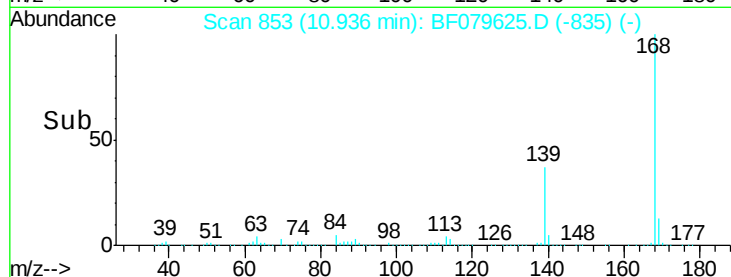
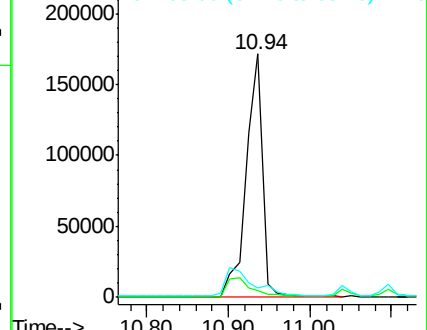
65 3.9 66.3 106.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.70 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Tgt Ion:165 Resp: 110589

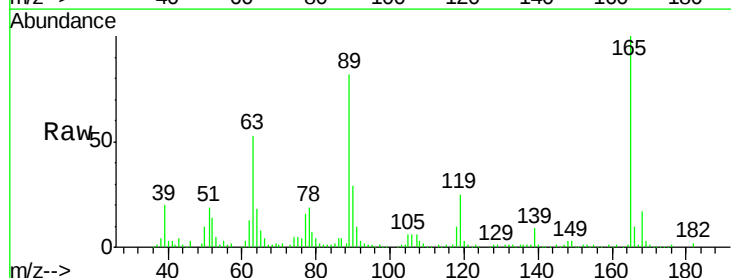
Ion Ratio Lower Upper

165 100

63 52.9 39.5 59.3

89 81.7 64.2 96.4

182 1.9 1.5 2.3

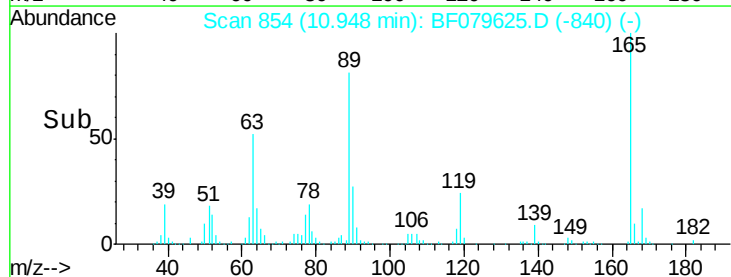
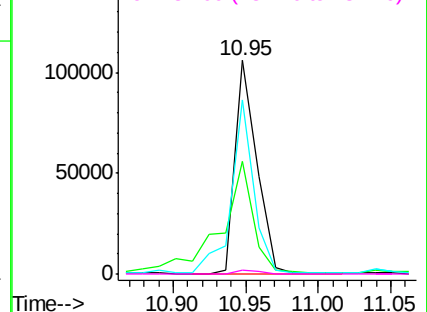


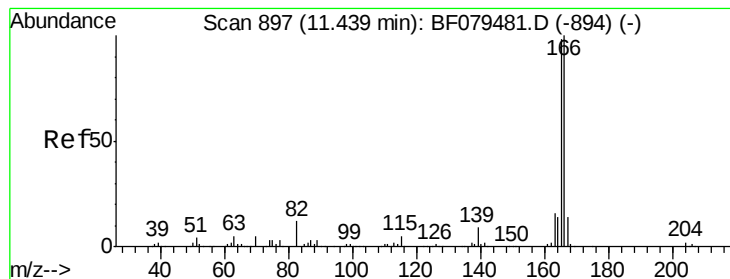
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.96 ng

RT: 11.36 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

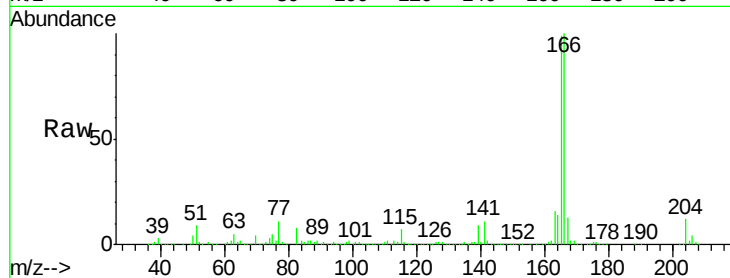
Tgt Ion:166 Resp: 434033

Ion Ratio Lower Upper

166 100

165 98.9 78.6 117.8

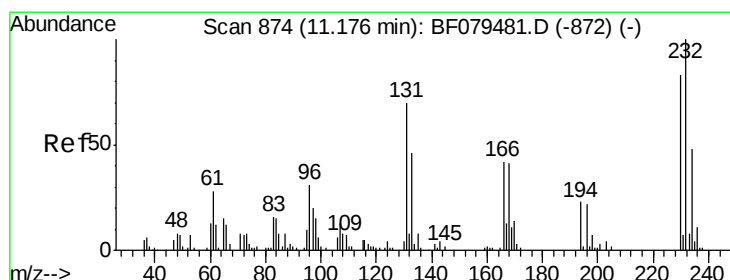
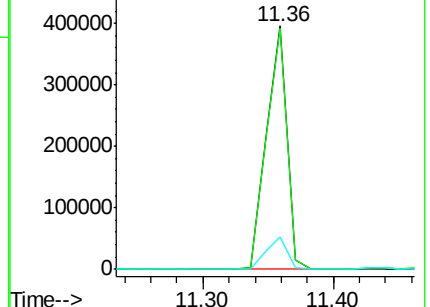
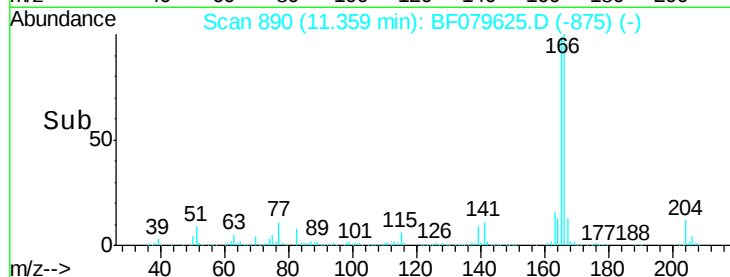
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.97 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Tgt Ion:232 Resp: 92785

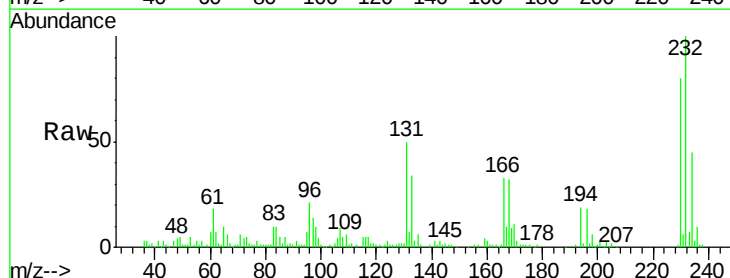
Ion Ratio Lower Upper

232 100

131 51.6 0.0 0.0#

130 2.7 0.0 0.0#

166 33.6 0.0 0.0#

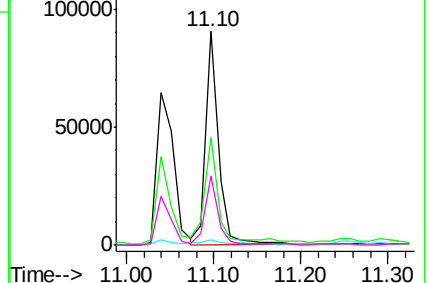
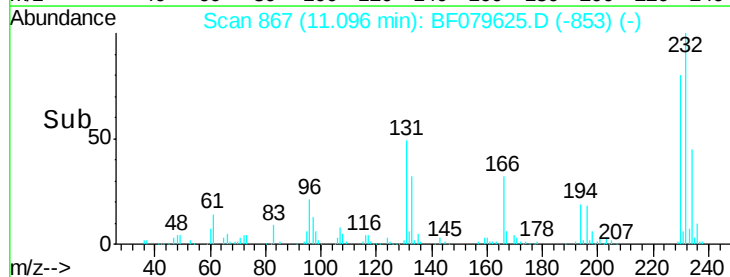


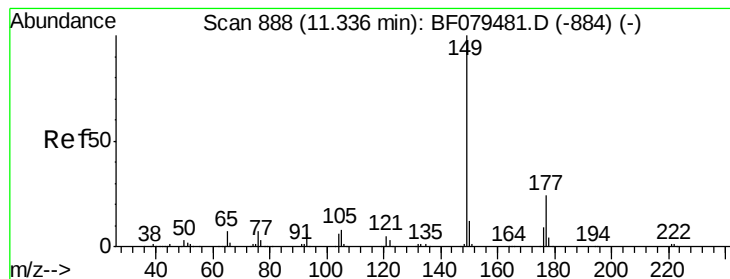
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.24 ng

RT: 11.24 min Scan# 880

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

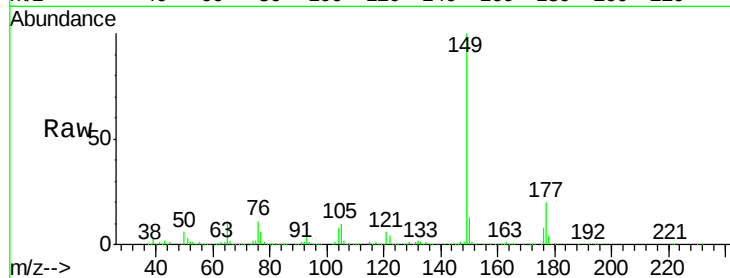
Tgt Ion:149 Resp: 420974

Ion Ratio Lower Upper

149 100

177 19.6 18.9 28.3

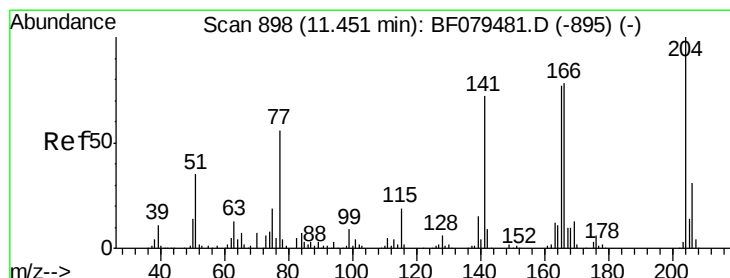
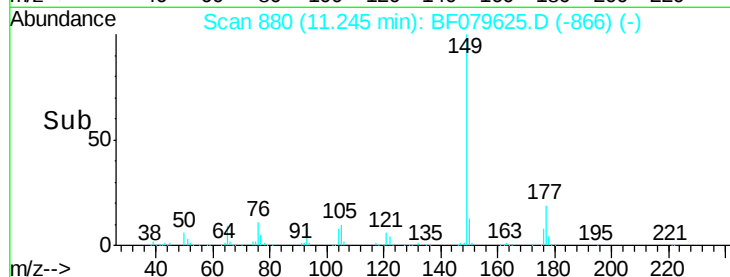
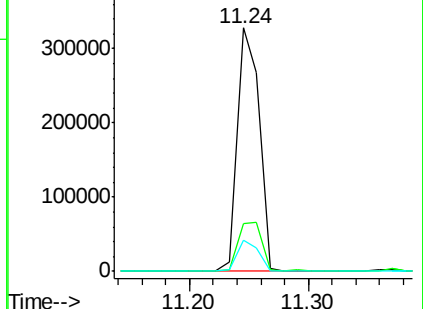
150 12.6 9.8 14.6



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: 39.98 ng

RT: 11.37 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

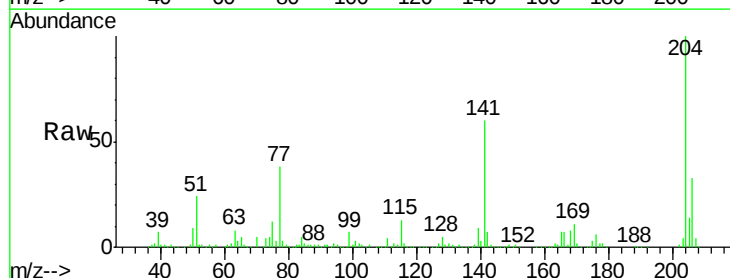
Tgt Ion:204 Resp: 187667

Ion Ratio Lower Upper

204 100

206 32.7 25.0 37.4

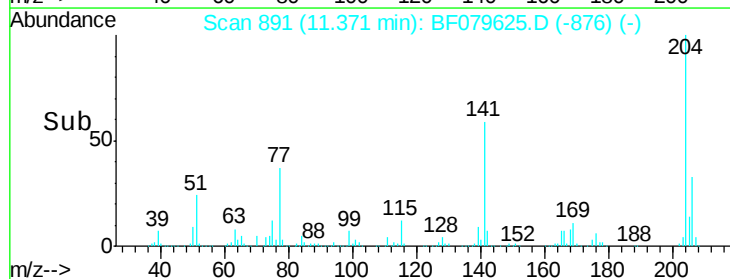
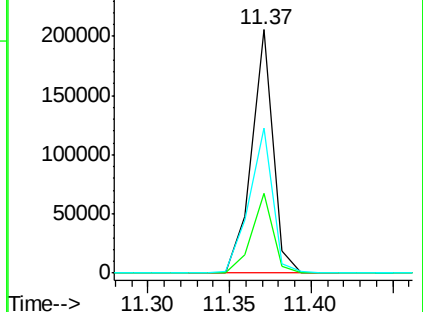
141 59.7 57.4 86.2

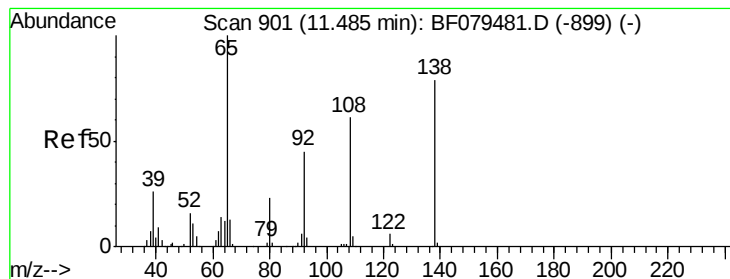


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.16 ng

RT: 11.40 min Scan# 894

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

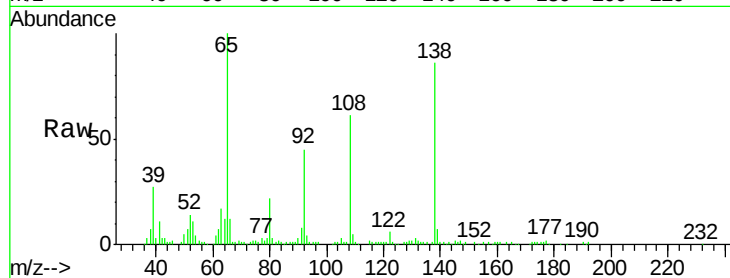
Tgt Ion:138 Resp: 90284

Ion Ratio Lower Upper

138 100

92 51.9 37.2 77.2

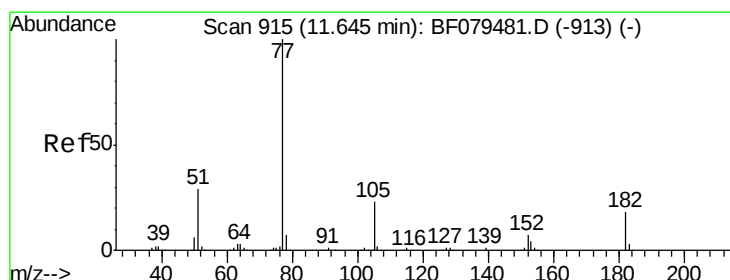
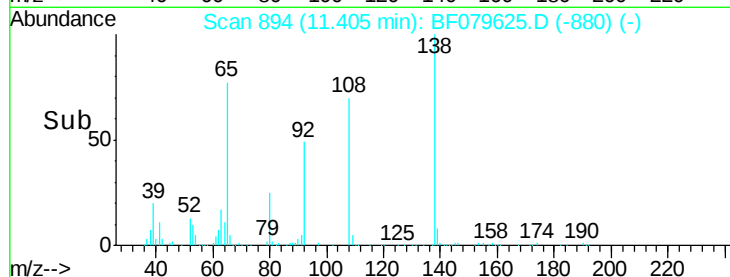
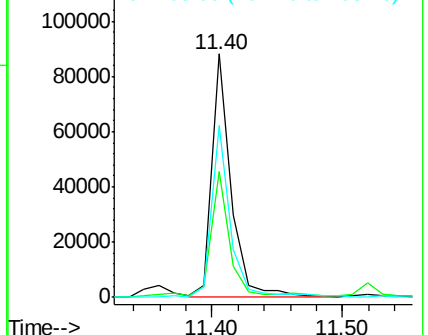
108 70.6 57.0 97.0



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: 41.18 ng

RT: 11.57 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Tgt Ion: 77 Resp: 440926

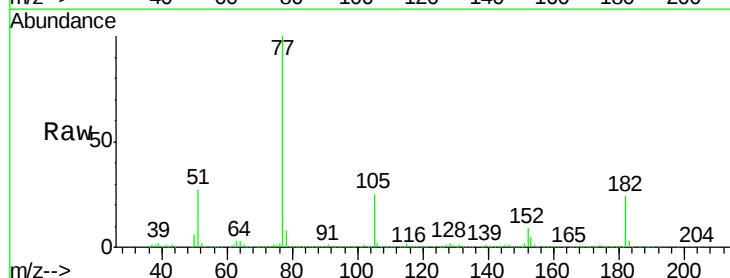
Ion Ratio Lower Upper

77 100

182 24.4 0.0 37.7

105 24.6 2.7 42.7

51 27.4 8.9 48.9

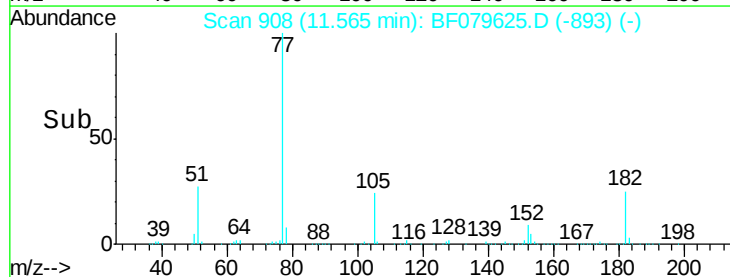
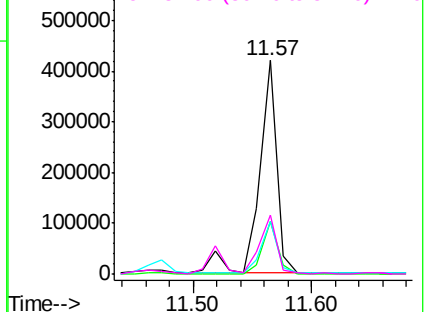


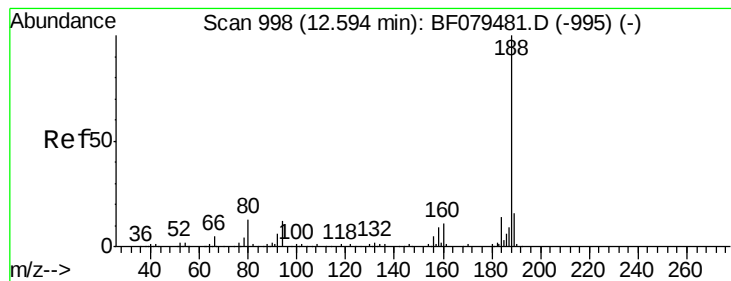
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.51 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

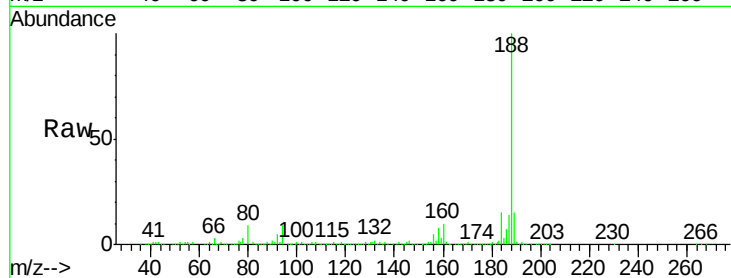
Tgt Ion:188 Resp: 293368

Ion Ratio Lower Upper

188 100

94 8.7 9.8 14.6#

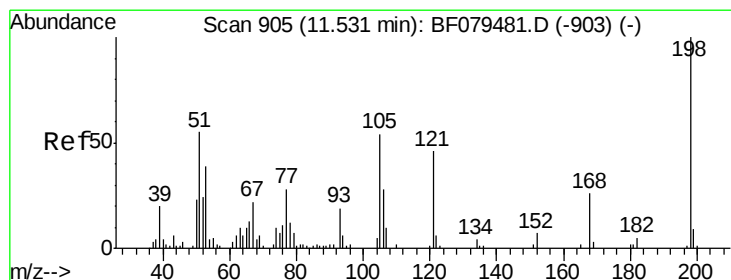
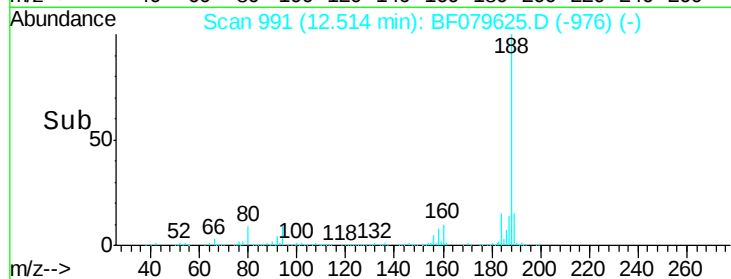
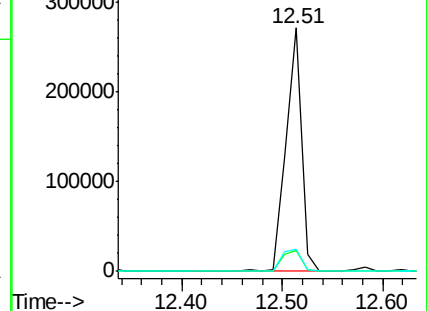
80 9.0 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 15.13 ng

RT: 11.46 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

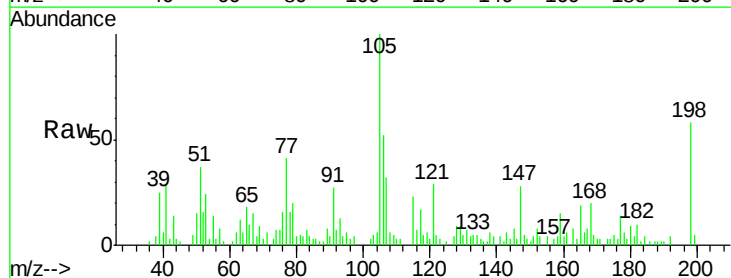
Tgt Ion:198 Resp: 14126

Ion Ratio Lower Upper

198 100

51 63.5 36.0 76.0

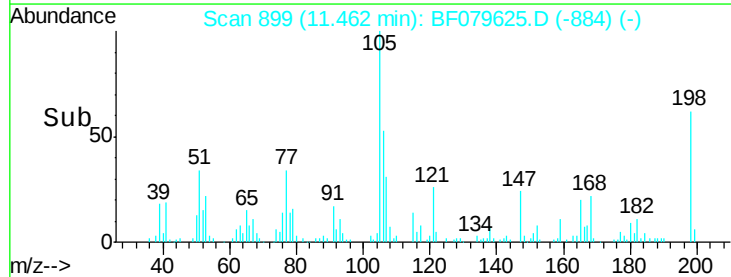
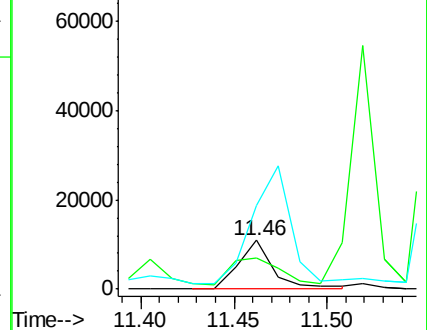
105 171.6 34.1 74.1#

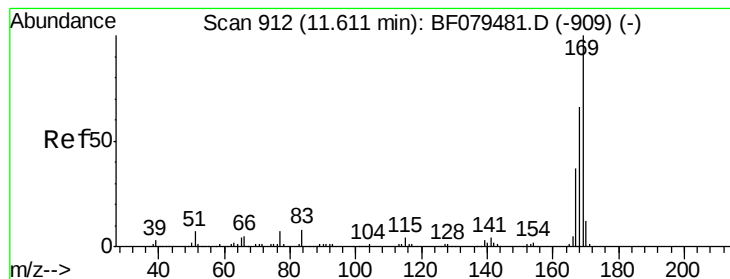


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.71 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampled :

PX4MS

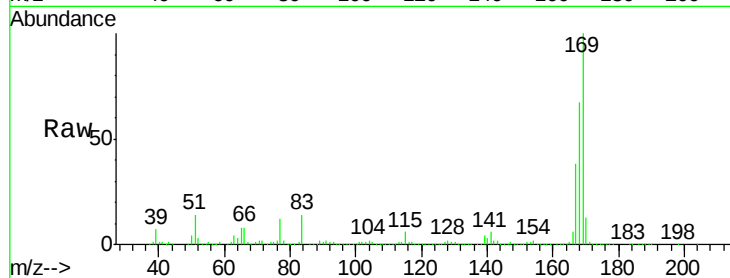
Tgt Ion:169 Resp: 347952

Ion Ratio Lower Upper

169 100

168 67.4 53.1 79.7

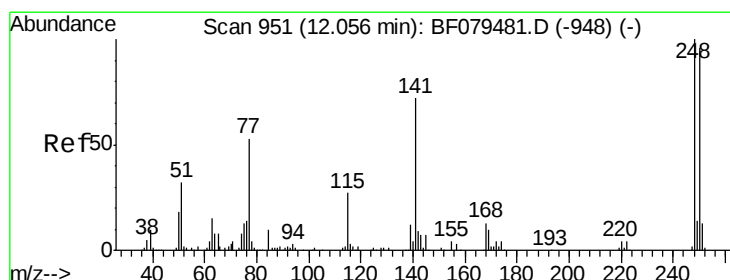
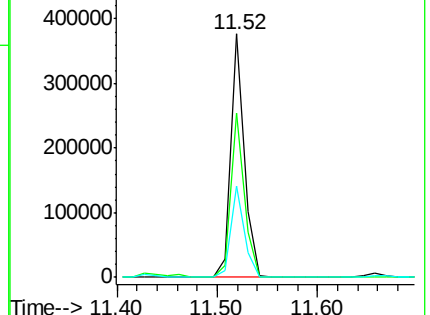
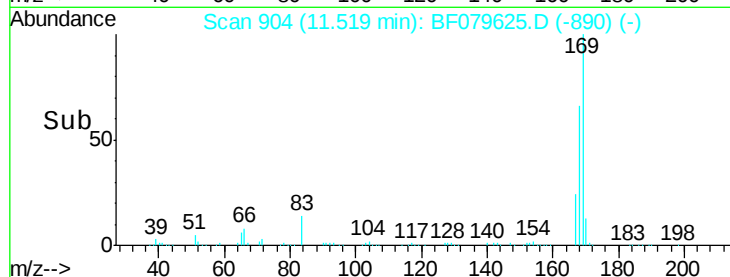
167 37.7 29.9 44.9



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: 37.99 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

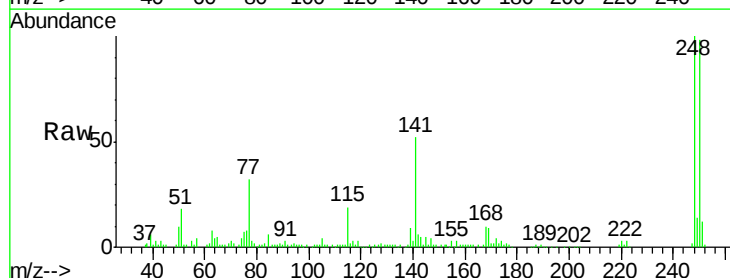
Tgt Ion:248 Resp: 114759

Ion Ratio Lower Upper

248 100

250 98.0 76.8 115.2

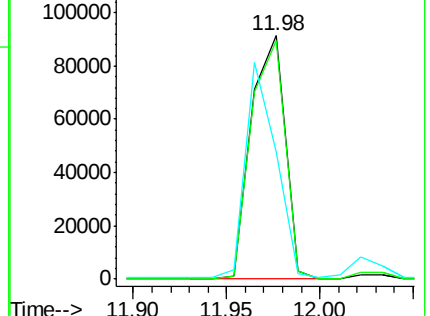
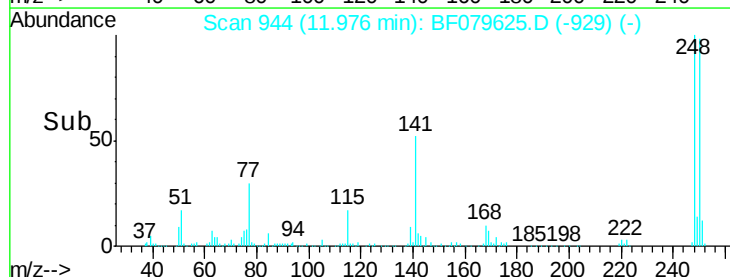
141 52.4 57.7 86.5#



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

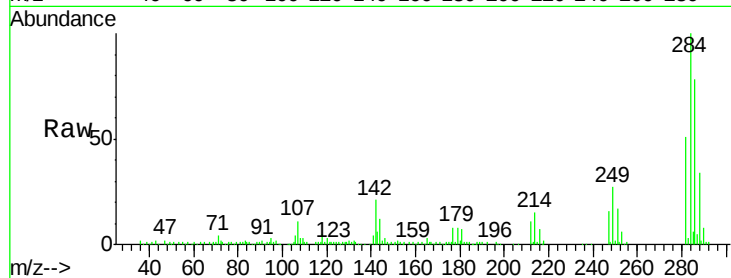




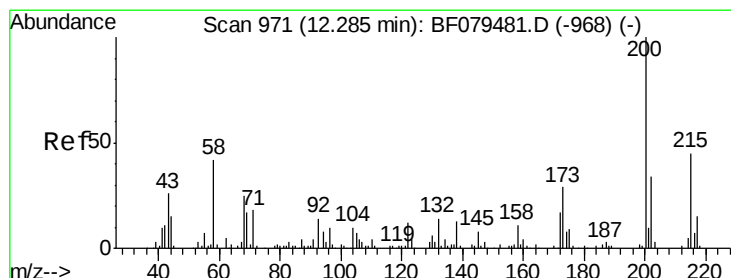
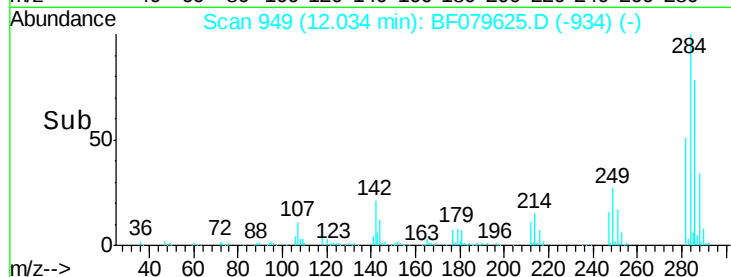
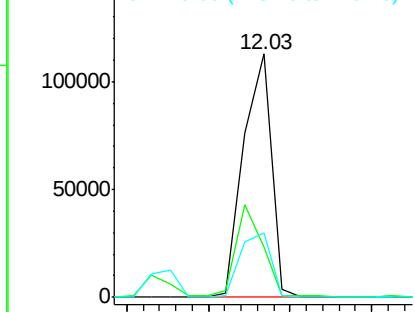
#67
Hexachlorobenzene
Concen: 38.99 ng
RT: 12.03 min Scan# 949
Delta R.T. -0.02 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

Instrument :
BNA_F
ClientSampleId :
PX4MS

Tgt Ion: 284 Resp: 134301
Ion Ratio Lower Upper
284 100
142 20.9 26.2 39.2#
249 26.5 24.3 36.5

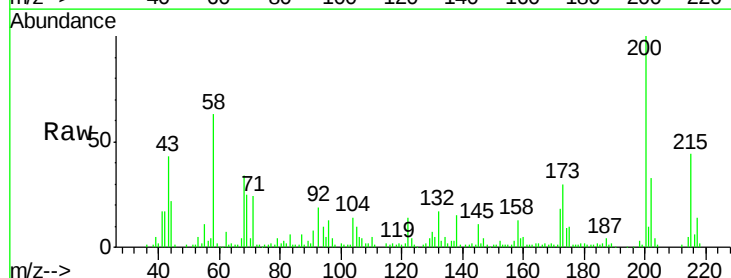


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

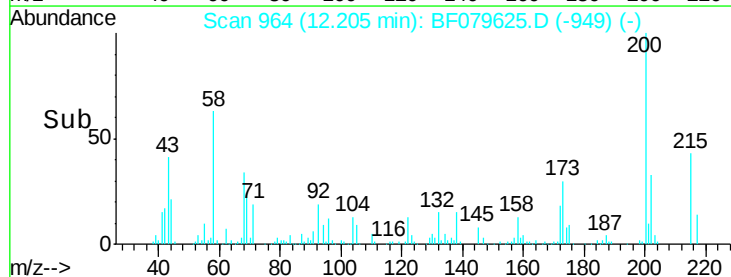
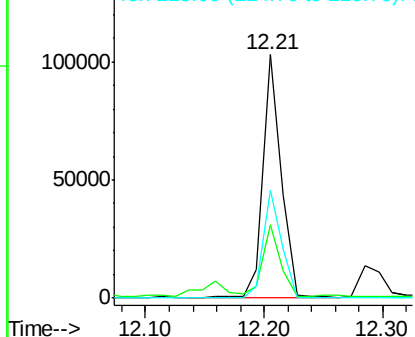


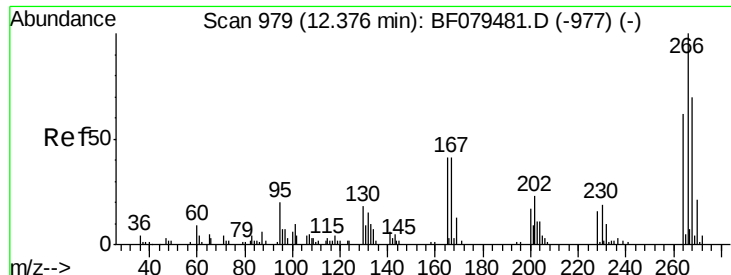
#68
Atrazine
Concen: 42.68 ng
RT: 12.21 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF079625.D
Acq: 31 May 2015 3:52

Tgt Ion: 200 Resp: 112336
Ion Ratio Lower Upper
200 100
173 30.1 9.4 49.4
215 44.1 25.3 65.3



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

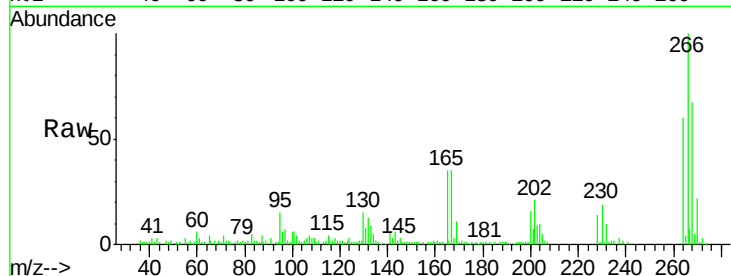




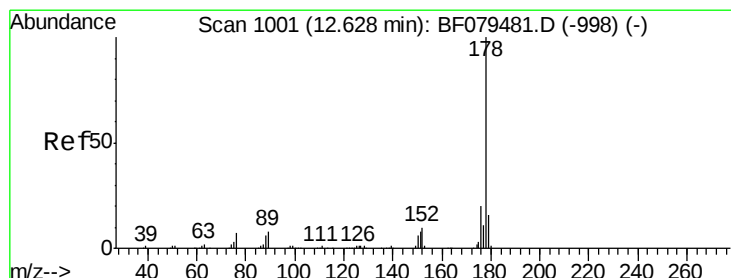
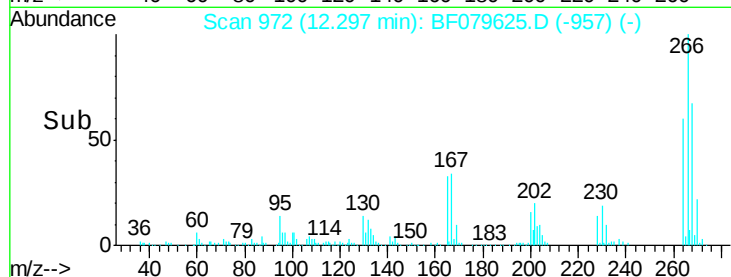
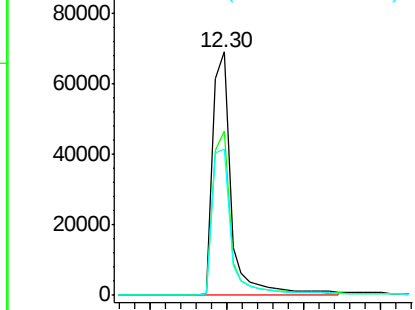
#69
 Pentachlorophenol
 Concen: 88.81 ng
 RT: 12.30 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PX4MS

Tgt Ion: 266 Resp: 117177
 Ion Ratio Lower Upper
 266 100
 268 67.5 56.1 84.1
 264 60.2 50.0 75.0

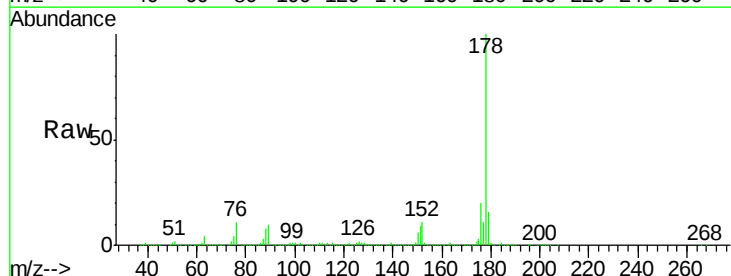


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

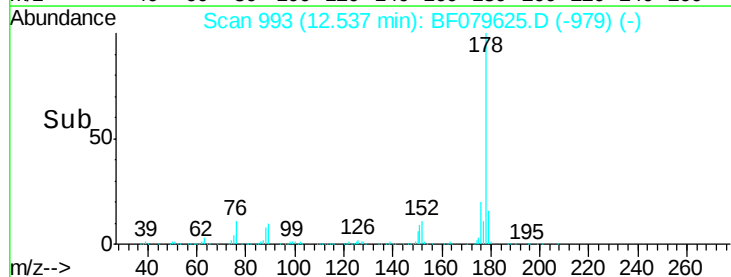
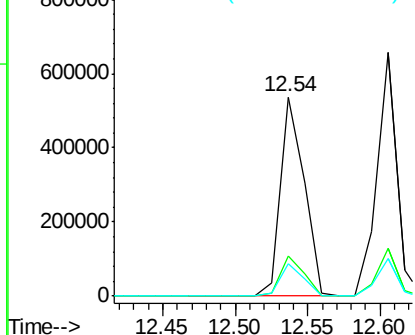


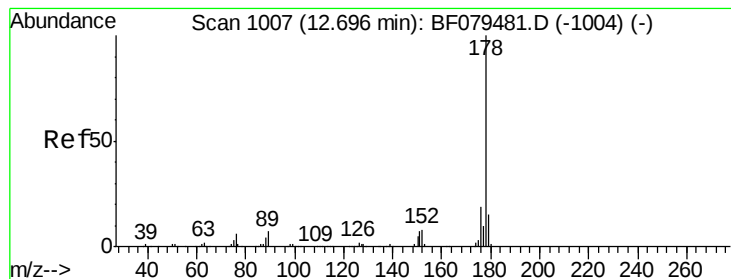
#70
 Phenanthrene
 Concen: 37.90 ng
 RT: 12.54 min Scan# 993
 Delta R.T. -0.03 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Tgt Ion: 178 Resp: 610024
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 16.2 12.4 18.6



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





#71

Anthracene

Concen: 38.22 ng

RT: 12.61 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

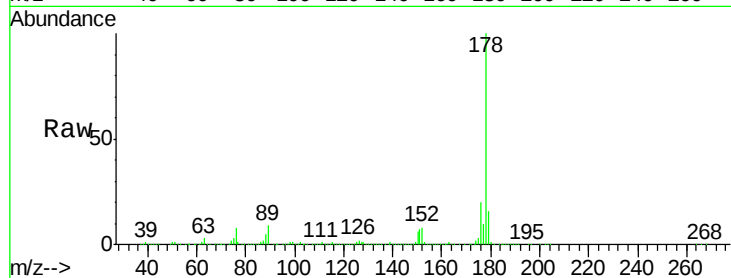
Tgt Ion:178 Resp: 624579

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

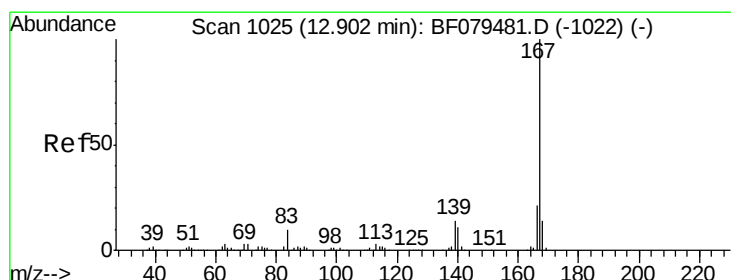
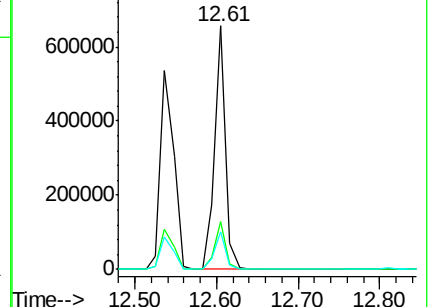
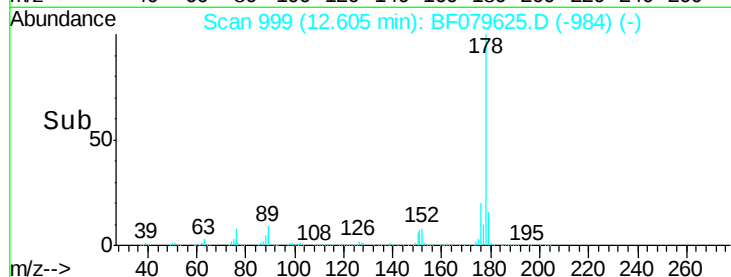
179 15.6 12.2 18.4



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: 38.63 ng

RT: 12.82 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

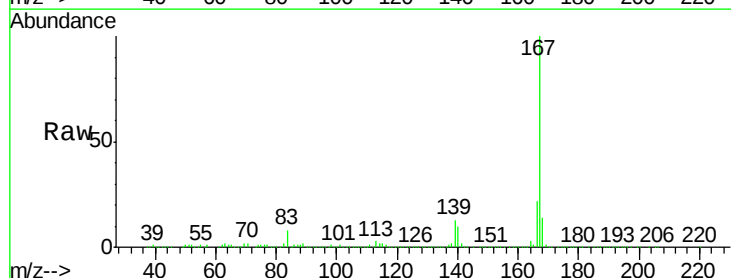
Tgt Ion:167 Resp: 607696

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.4

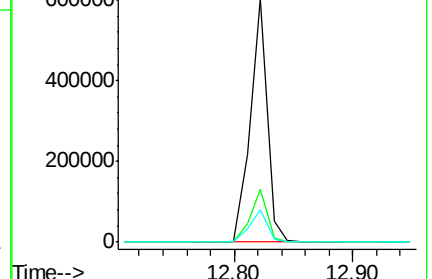
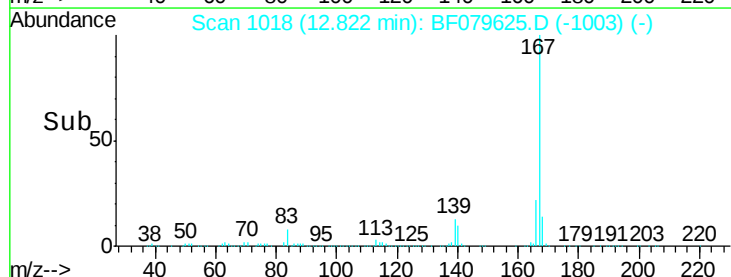
139 13.1 11.2 16.8

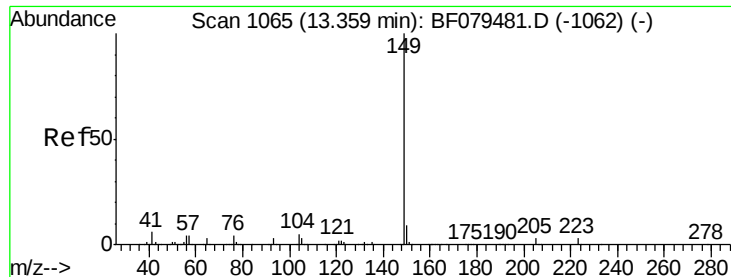


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.05 ng

RT: 13.28 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

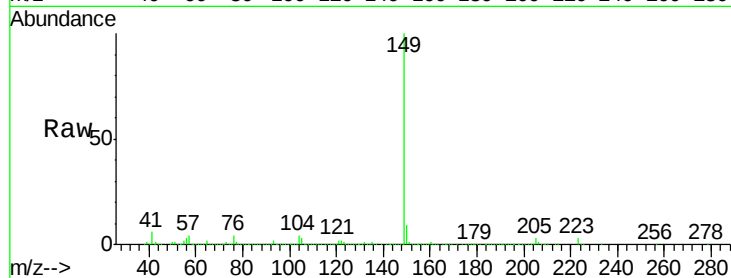
Tgt Ion:149 Resp: 775508

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

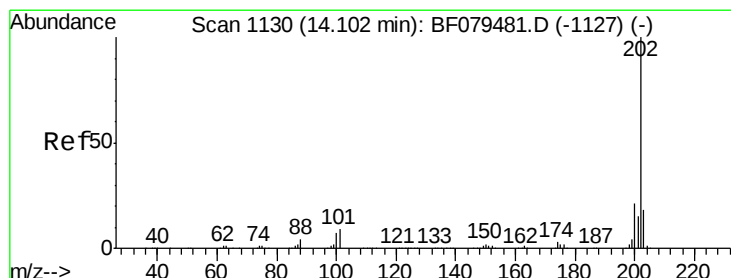
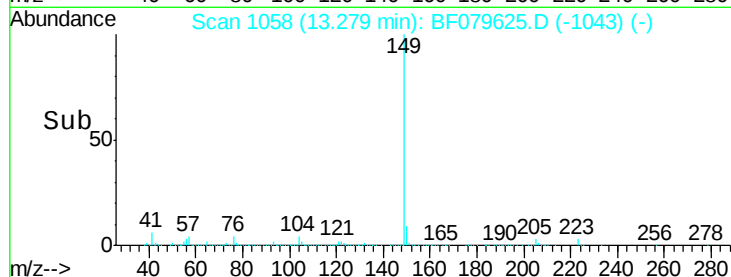
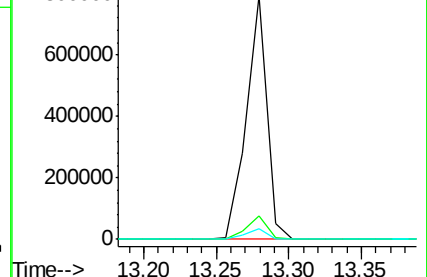
104 4.3 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.29 ng

RT: 14.01 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

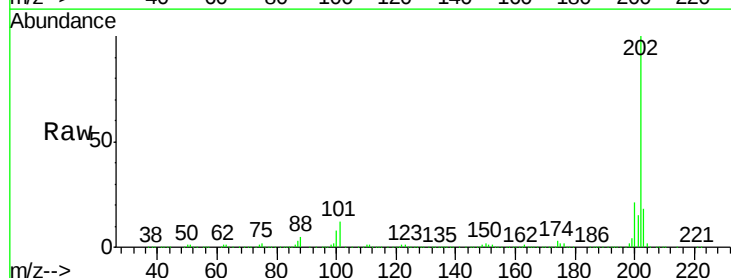
Tgt Ion:202 Resp: 678109

Ion Ratio Lower Upper

202 100

101 11.9 0.0 29.3

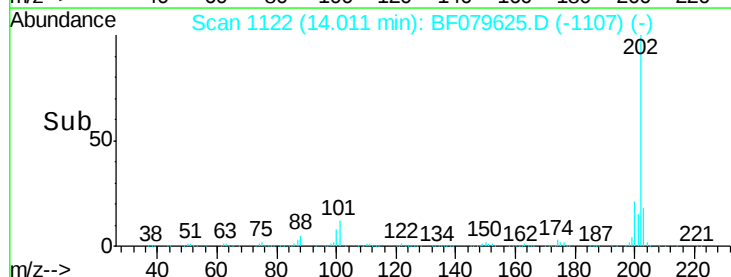
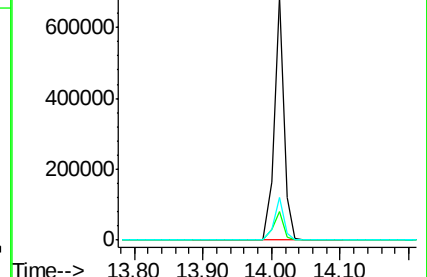
203 17.7 0.0 37.6

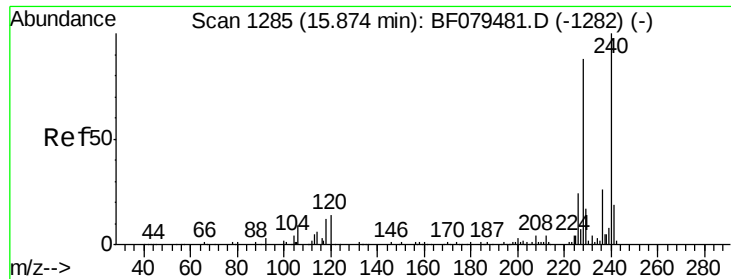


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.78 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampled :

PX4MS

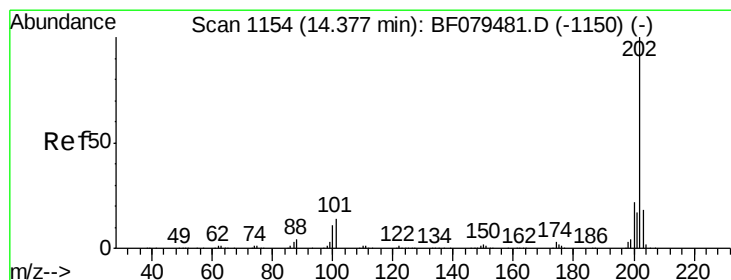
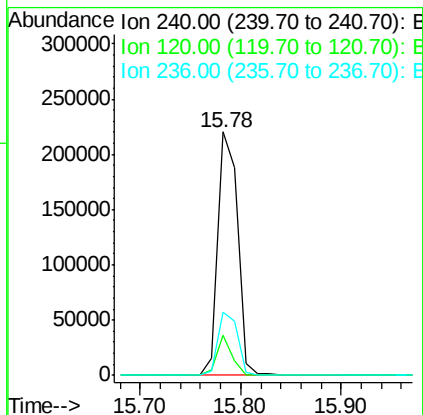
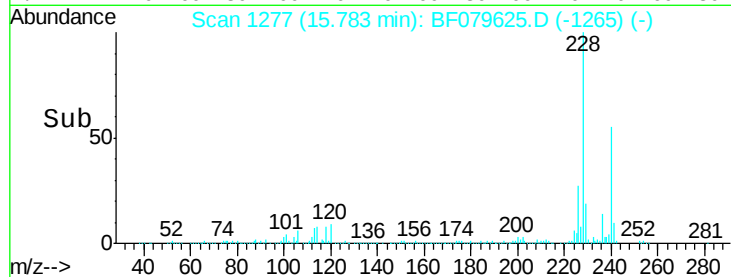
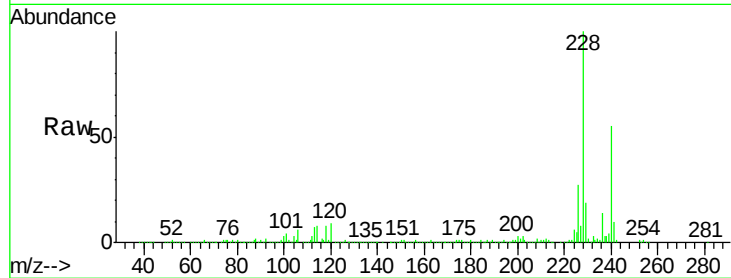
Tgt Ion:240 Resp: 301604

Ion Ratio Lower Upper

240 100

120 16.4 10.8 16.2#

236 26.2 21.0 31.6



#77

Pyrene

Concen: 37.00 ng

RT: 14.29 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

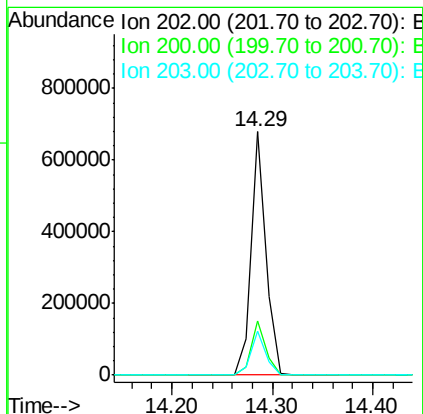
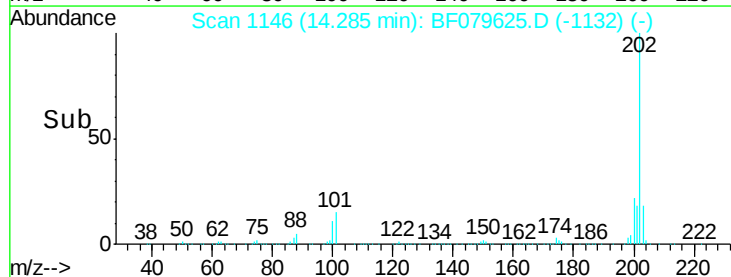
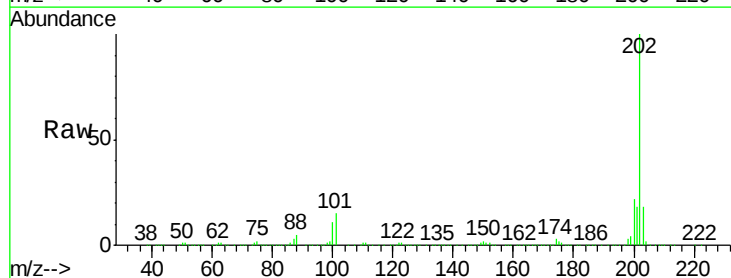
Tgt Ion:202 Resp: 691325

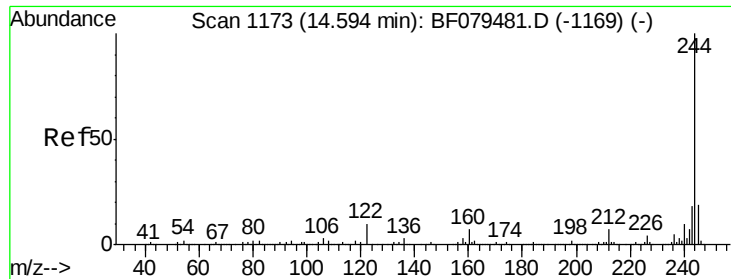
Ion Ratio Lower Upper

202 100

200 22.2 17.5 26.3

203 18.3 14.4 21.6

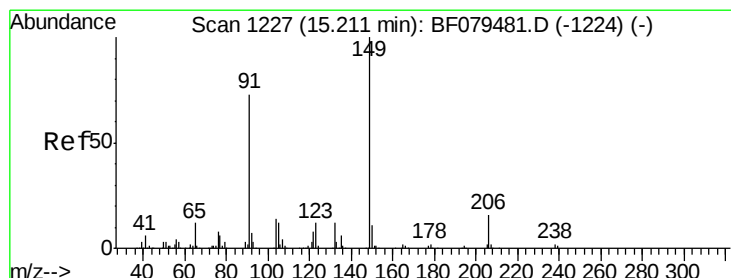
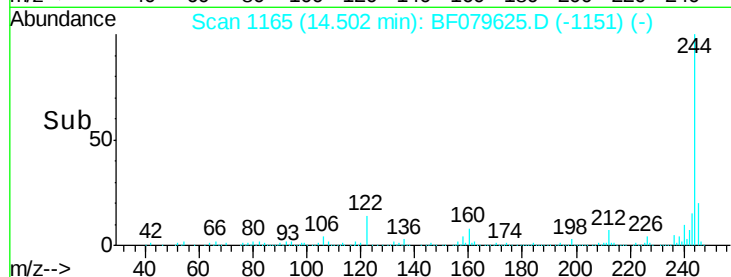
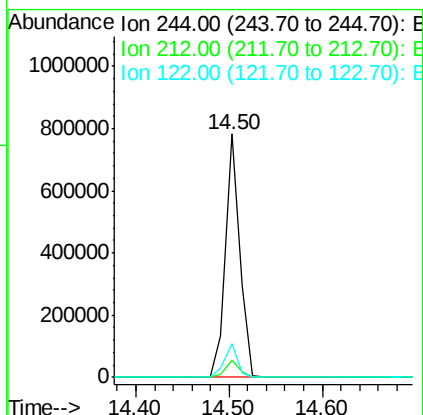
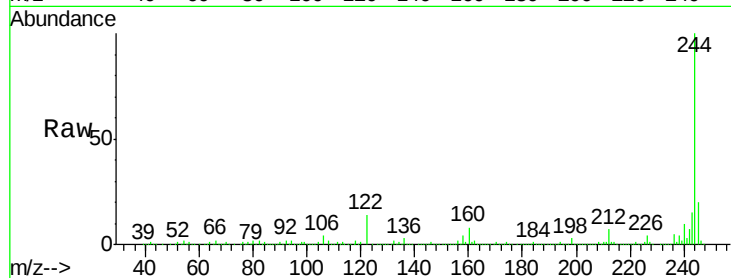




#78
 Terphenyl-d14
 Concen: 65.04 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

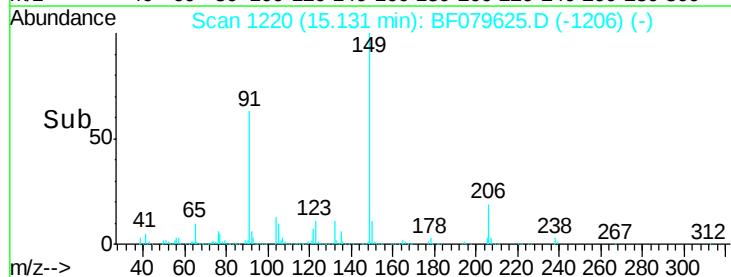
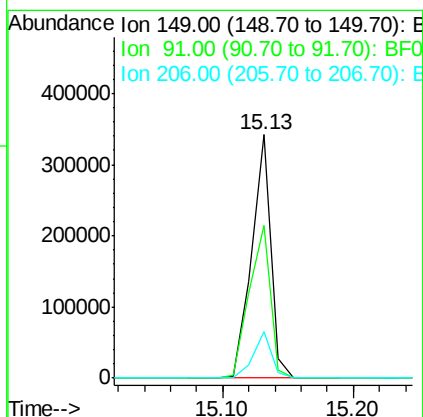
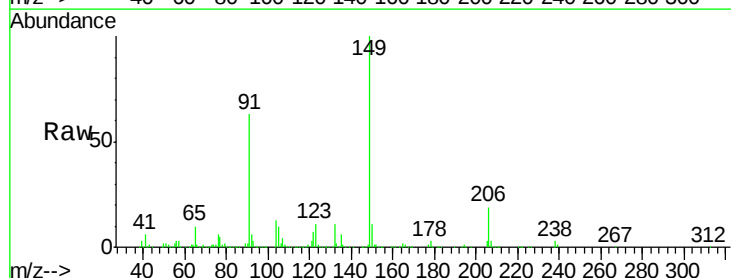
Instrument :
 BNA_F
 ClientSampleId :
 PX4MS

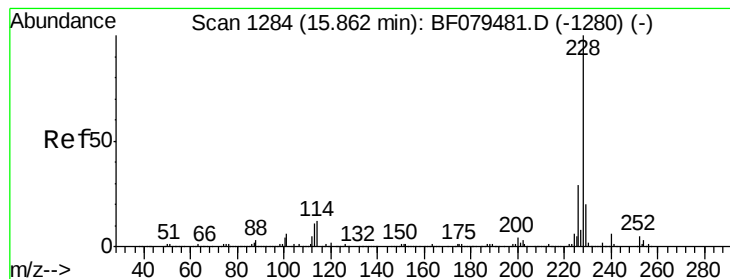
Tgt Ion: 244 Resp: 835821
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.2 7.8
 122 13.6 8.0 12.0#



#79
 Butylbenzylphthalate
 Concen: 41.62 ng
 RT: 15.13 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Tgt Ion: 149 Resp: 349782
 Ion Ratio Lower Upper
 149 100
 91 63.0 58.1 87.1
 206 19.4 13.1 19.7





#80

Benzo(a)anthracene

Concen: 36.75 ng

RT: 15.77 min Scan# 1276

Delta R.T. -0.06 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

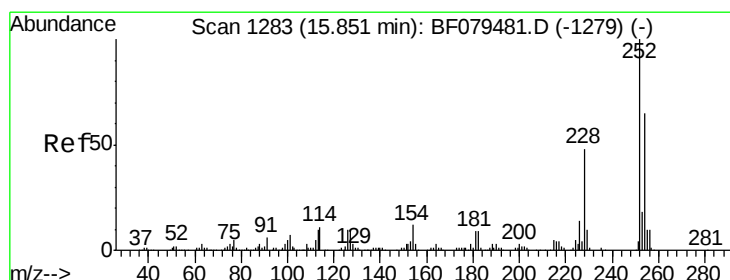
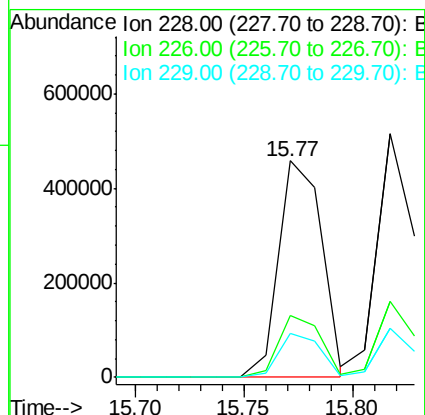
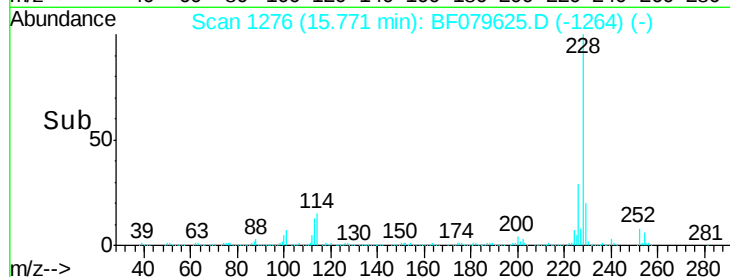
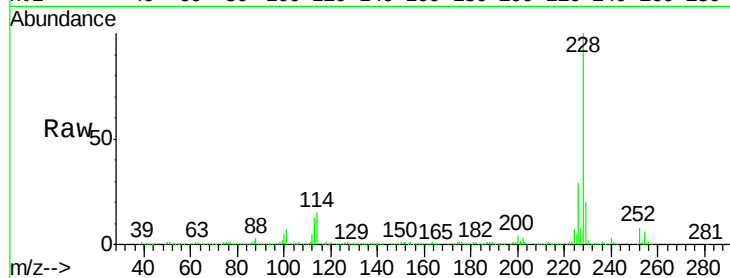
Tgt Ion:228 Resp: 637561

Ion Ratio Lower Upper

228 100

226 28.7 22.8 34.2

229 20.4 15.9 23.9



#81

3,3'-Dichlorobenzidine

Concen: 24.18 ng

RT: 15.76 min Scan# 1275

Delta R.T. -0.06 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

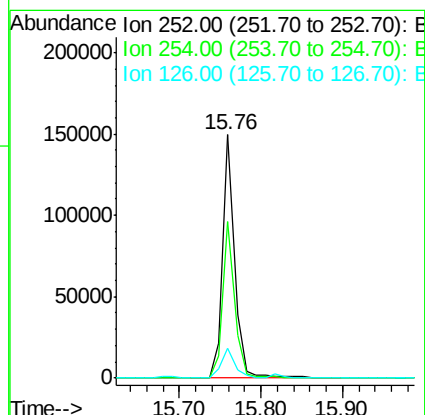
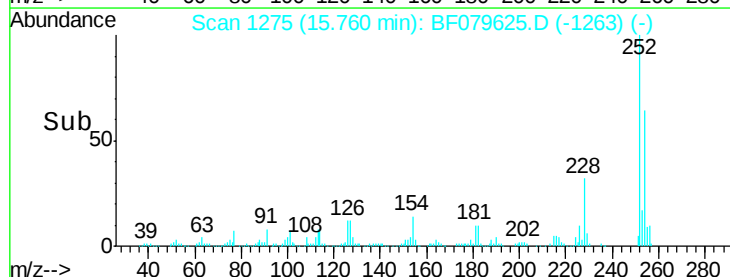
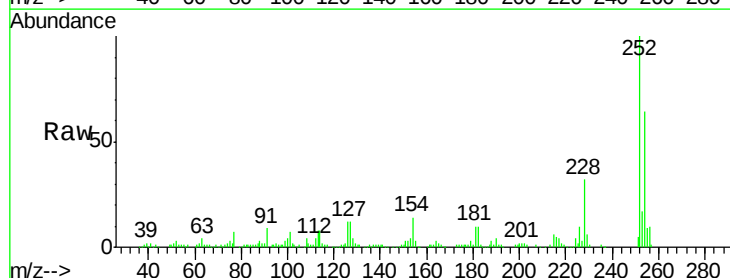
Tgt Ion:252 Resp: 153596

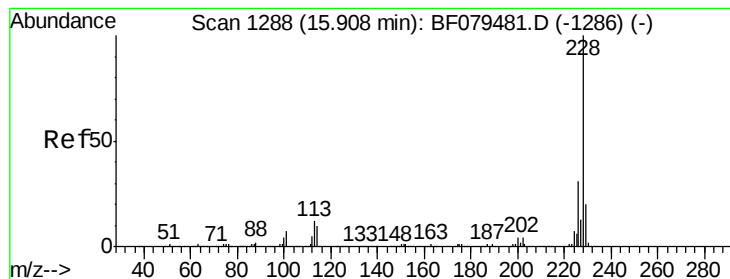
Ion Ratio Lower Upper

252 100

254 64.1 52.1 78.1

126 12.2 8.2 12.2





#82

Chrysene

Concen: 37.11 ng

RT: 15.82 min Scan# 1280

Delta R.T. -0.06 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

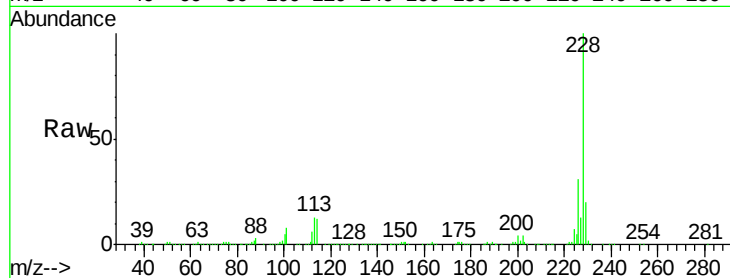
Tgt Ion:228 Resp: 611987

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

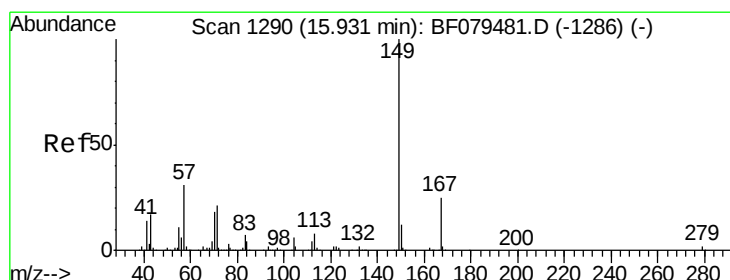
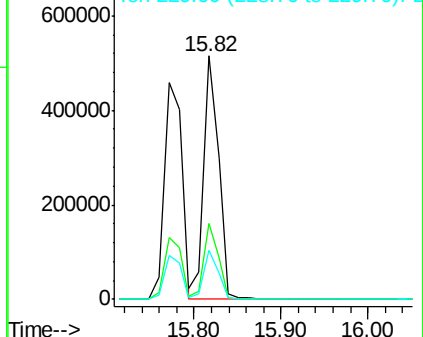
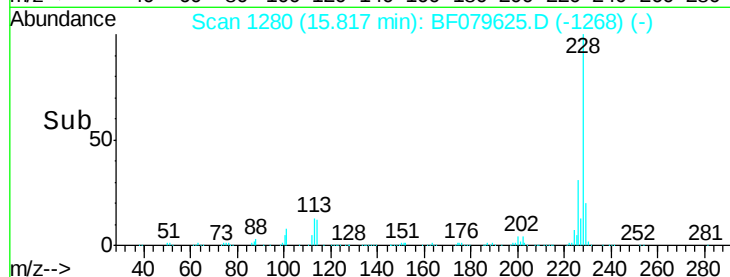
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.19 ng

RT: 15.85 min Scan# 1283

Delta R.T. -0.06 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

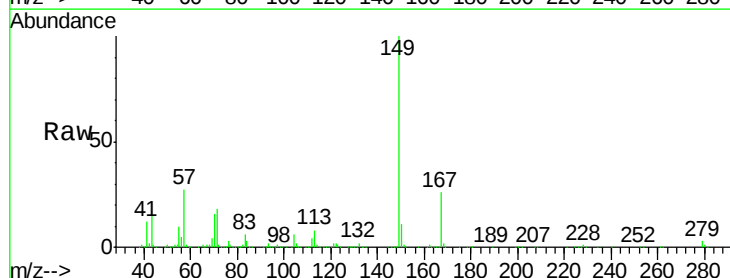
Tgt Ion:149 Resp: 531985

Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.4

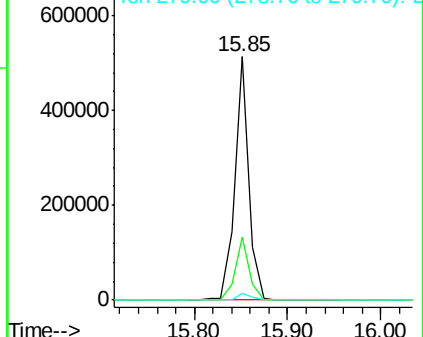
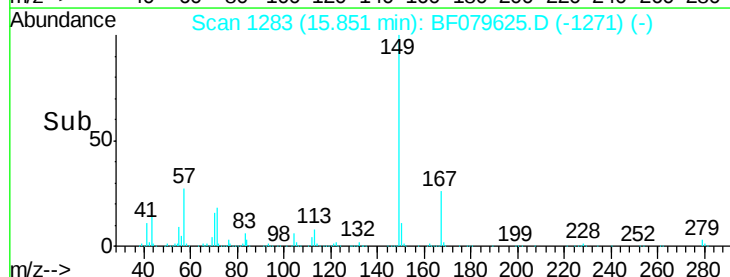
279 3.0 2.0 3.0#

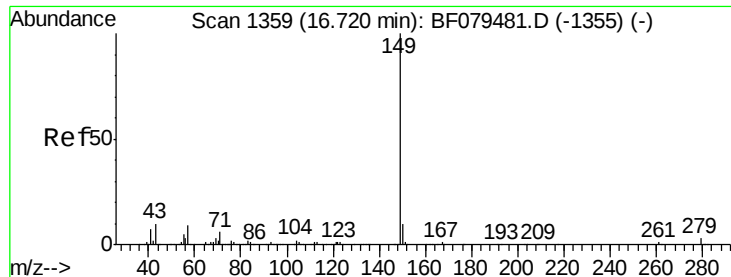


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.17 ng

RT: 16.64 min Scan# 1352

Delta R.T. -0.11 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

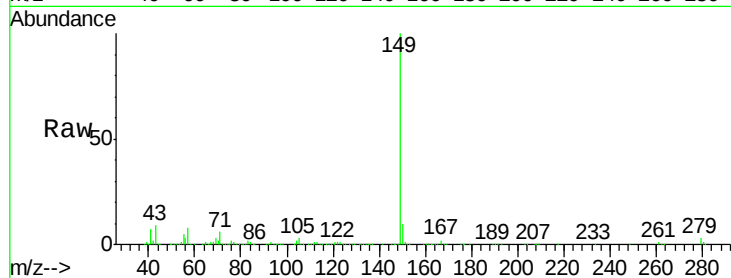
Tgt Ion:149 Resp: 883682

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

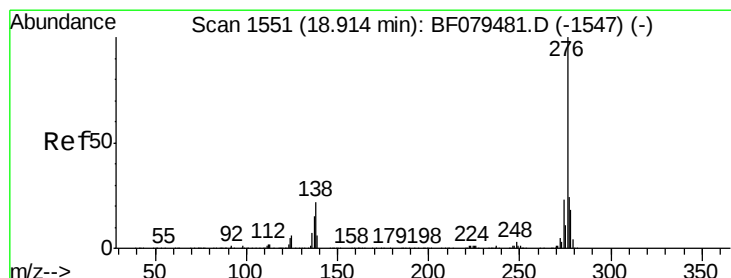
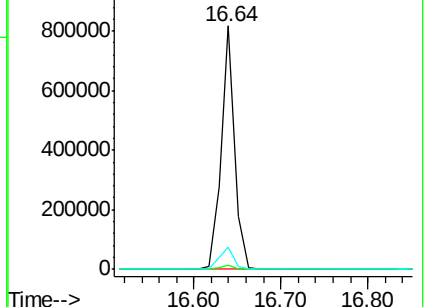
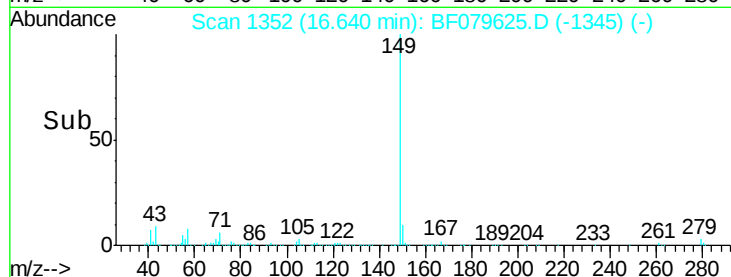
43 9.4 7.8 11.6



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: 32.85 ng

RT: 18.80 min Scan# 1541

Delta R.T. -0.22 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

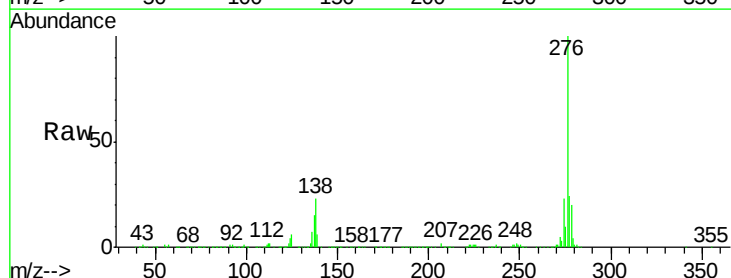
Tgt Ion:276 Resp: 696925

Ion Ratio Lower Upper

276 100

138 24.5 21.4 32.2

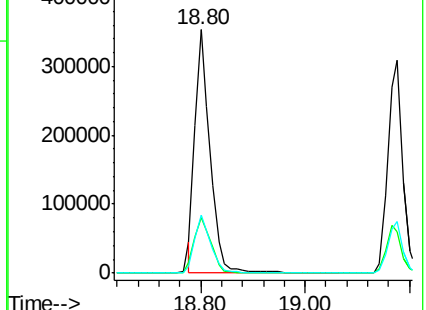
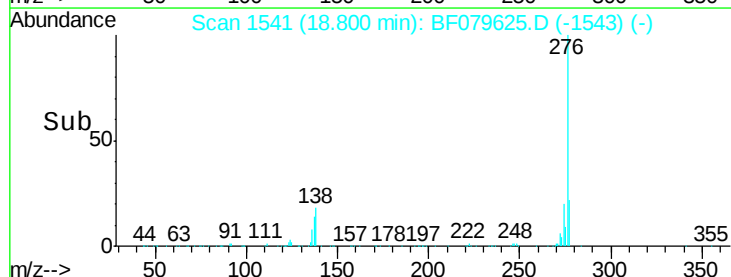
277 25.6 19.8 29.6

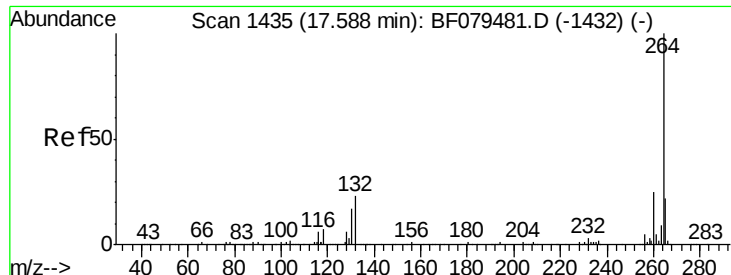


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

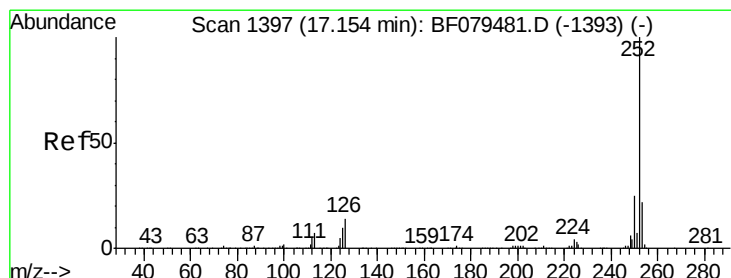
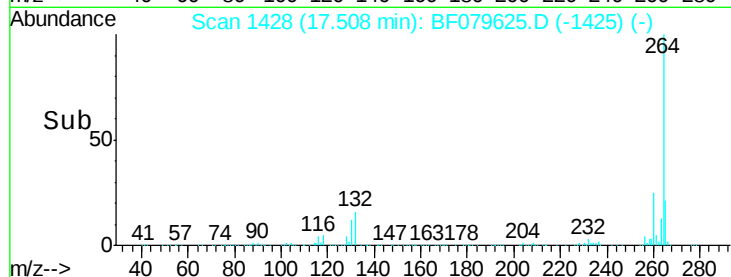
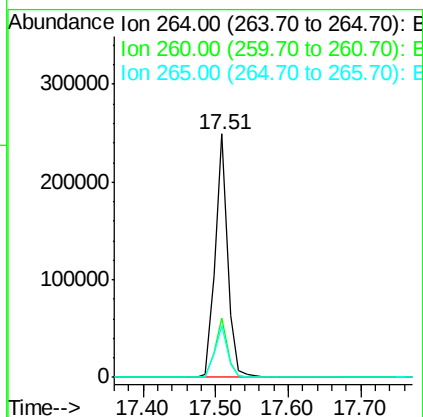
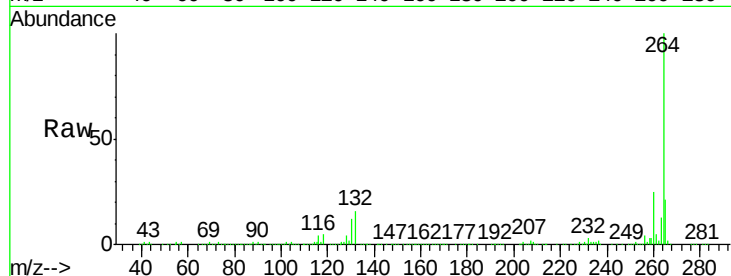




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.51 min Scan# 1428
 Delta R.T. -0.16 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

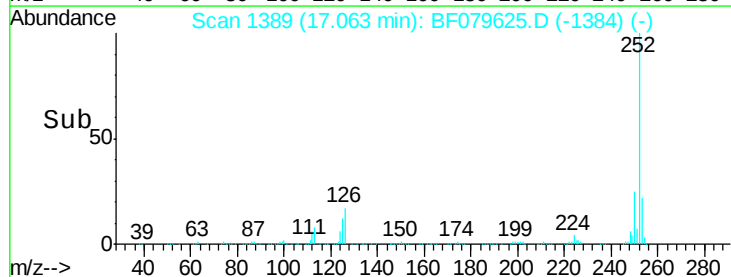
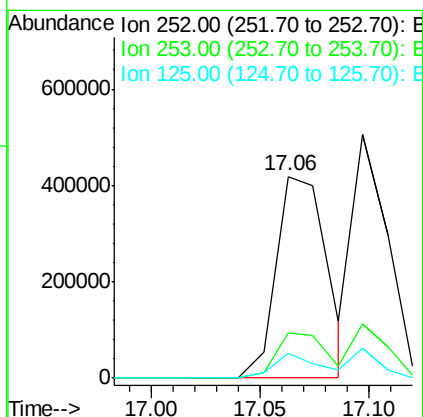
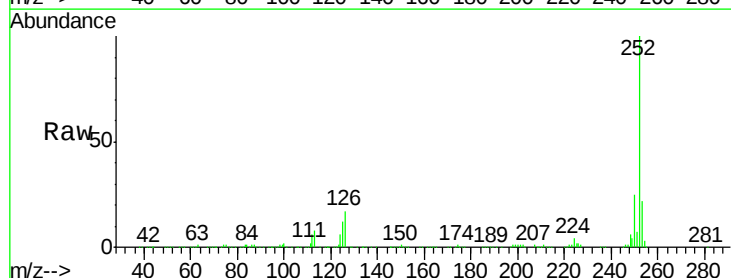
Instrument :
 BNA_F
 ClientSampleId :
 PX4MS

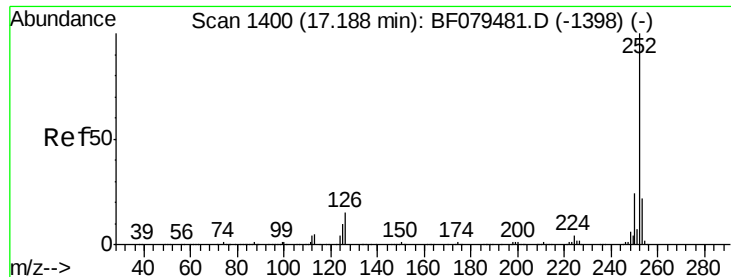
Tgt Ion: 264 Resp: 298506
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.8
 265 21.3 17.8 26.6



#87
 Benzo(b)fluoranthene
 Concen: 39.94 ng
 RT: 17.06 min Scan# 1389
 Delta R.T. -0.14 min
 Lab File: BF079625.D
 Acq: 31 May 2015 3:52

Tgt Ion: 252 Resp: 679930
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.6 26.4
 125 12.0 7.8 11.6#





#88

Benzo(k)fluoranthene

Concen: 44.66 ng

RT: 17.06 min Scan# 1389

Delta R.T. -0.17 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

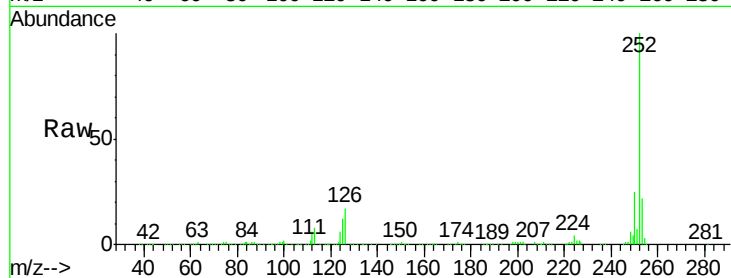
Tgt Ion:252 Resp: 679930

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

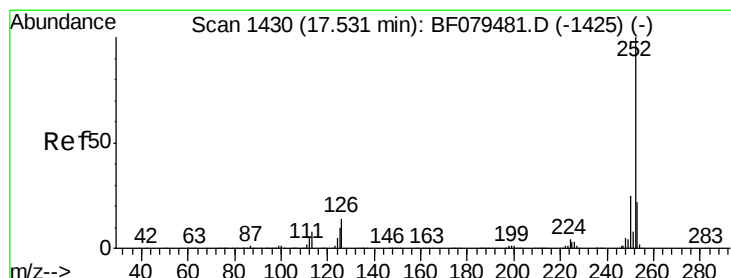
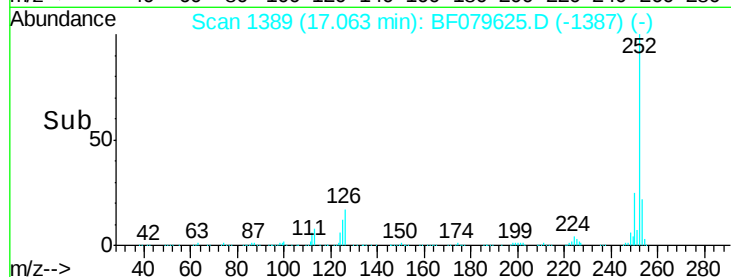
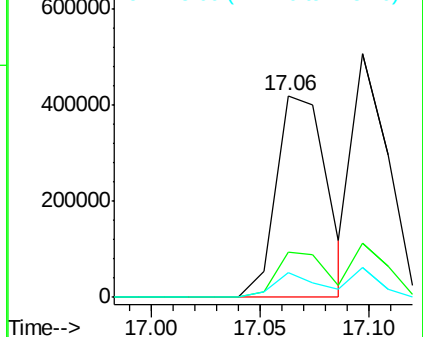
125 12.0 6.8 10.2#



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: 40.78 ng

RT: 17.45 min Scan# 1423

Delta R.T. -0.16 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

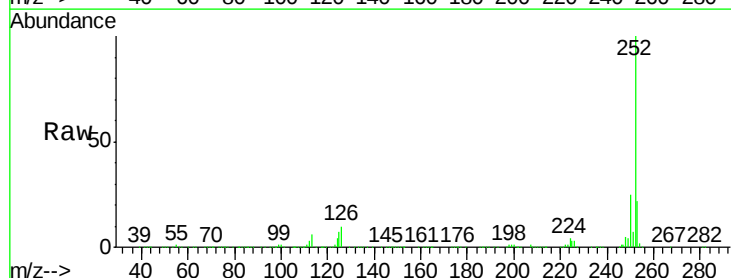
Tgt Ion:252 Resp: 611417

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

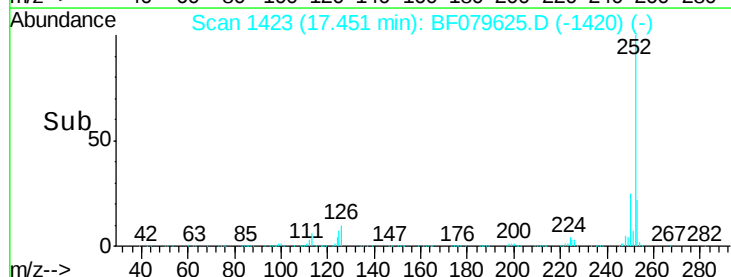
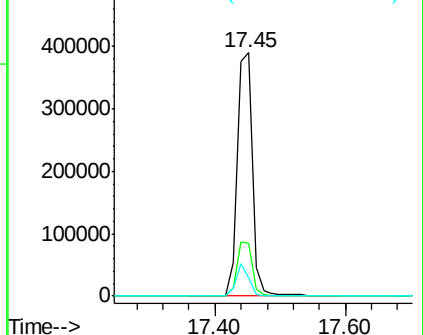
125 7.5 7.9 11.9#

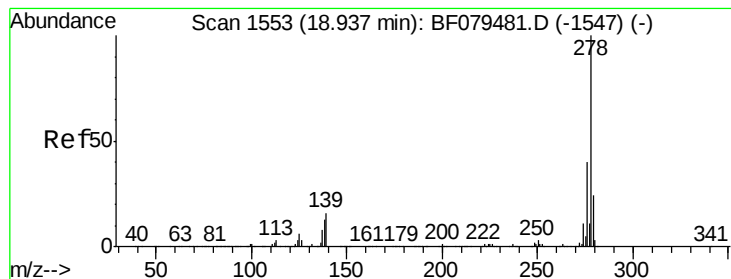


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 38.60 ng

RT: 18.82 min Scan# 1543

Delta R.T. -0.22 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

PX4MS

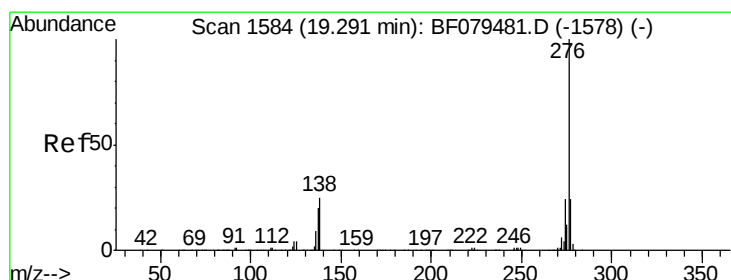
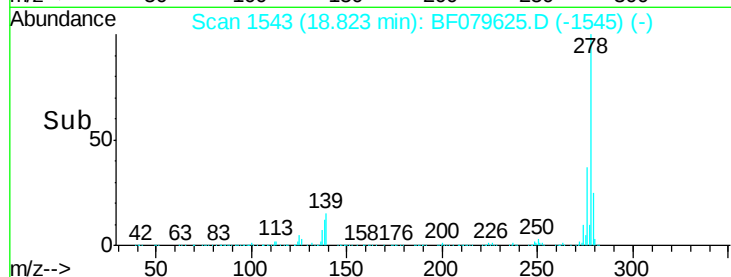
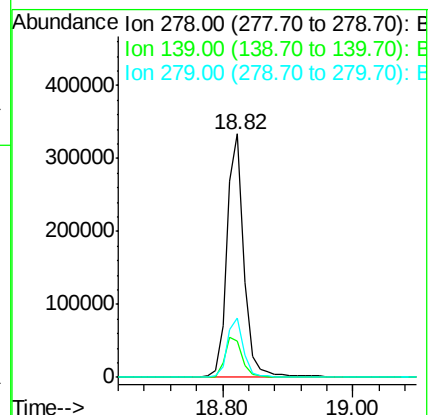
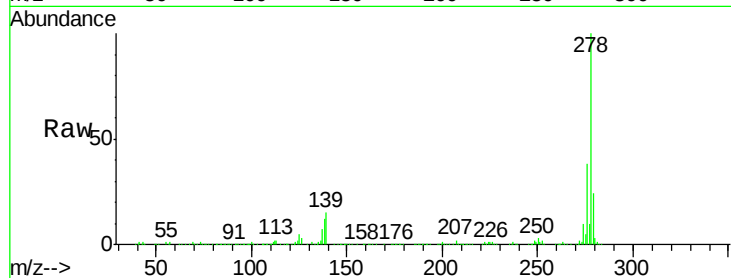
Tgt Ion: 278 Resp: 606271

Ion Ratio Lower Upper

278 100

139 14.7 12.8 19.2

279 24.4 19.1 28.7



#91

Benzo(g,h,i)perylene

Concen: 39.78 ng

RT: 19.18 min Scan# 1574

Delta R.T. -0.23 min

Lab File: BF079625.D

Acq: 31 May 2015 3:52

Tgt Ion: 276 Resp: 619231

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 19.5 20.1 30.1#

