

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075516.D
 Acq On : 15 Nov 2014 1:45
 Operator : TP / JJ
 Sample : PB80204BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80204BS

Quant Time: Nov 15 02:49:19 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46742	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	207729	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	102963	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	162147	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	164188	20.00	ng	-0.08
86) Perylene-d12	18.21	264	169087	20.00	ng	-0.23

System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	414075	156.50	ng	-0.02
7) Phenol-d6	7.10	99	521230	163.82	ng	-0.01
23) Nitrobenzene-d5	8.24	82	283667	100.12	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	119230	138.26	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	549999	96.52	ng	-0.01
78) Terphenyl-d14	15.16	244	555905	91.15	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	47017	42.33	ng	95
6) Aniline	7.13	93	131476	28.61	ng	98
8) 2-Chlorophenol	7.28	128	142183	46.43	ng	95
9) Benzaldehyde	7.00	77	4741	2.22	ng	92
10) Phenol	7.11	94	189622	48.85	ng	87
11) bis(2-Chloroethyl)ether	7.24	93	145032	49.33	ng	# 81
12) 1,3-Dichlorobenzene	7.48	146	151357	45.36	ng	97
13) 1,4-Dichlorobenzene	7.57	146	149048	43.90	ng	97
14) 1,2-Dichlorobenzene	7.76	146	142066	44.63	ng	# 90
15) Benzyl Alcohol	7.73	79	108698	43.52	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.91	45	284696	46.78	ng	94
17) 2-Methylphenol	7.86	107	117616	46.39	ng	97
18) Hexachloroethane	8.17	117	54330	46.67	ng	99
19) n-Nitroso-di-n-propylamine	8.06	70	99906	46.08	ng	93
20) 3+4-Methylphenols	8.06	107	151440	45.62	ng	89
22) Acetophenone	8.06	105	207725	46.35	ng	96
24) Nitrobenzene	8.26	77	154991	47.20	ng	99
25) Isophorone	8.56	82	279126	43.15	ng	99
26) 2-Nitrophenol	8.65	139	66695	44.58	ng	94
27) 2,4-Dimethylphenol	8.71	122	127955	44.13	ng	97
28) bis(2-Chloroethoxy)methane	8.84	93	184060	46.69	ng	98
29) 2,4-Dichlorophenol	8.95	162	113237	44.57	ng	97
30) 1,2,4-Trichlorobenzene	9.06	180	112745	42.27	ng	99
31) Naphthalene	9.16	128	426588	46.06	ng	100
32) Benzoic acid	8.80	122	70635	40.32	ng	93
33) 4-Chloroaniline	9.22	127	92751	23.05	ng	99
34) Hexachlorobutadiene	9.32	225	58300	40.44	ng	96
35) Caprolactam	9.64	113	36730	43.63	ng	96
36) 4-Chloro-3-methylphenol	9.82	107	119031	42.70	ng	92
37) 2-Methylnaphthalene	10.01	142	277209	43.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	101694	48.05	ng	98
40) Hexachlorocyclopentadiene	10.21	237	131428	102.22	ng	95
42) 2,4,6-Trichlorophenol	10.37	196	72730	43.21	ng	98
43) 2,4,5-Trichlorophenol	10.41	196	76332	43.54	ng	97

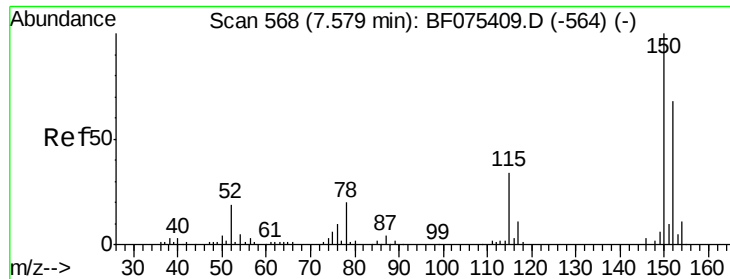
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075516.D
 Acq On : 15 Nov 2014 1:45
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	10.60	154	321817	46.34	ng	99
46) 2-Chloronaphthalene	10.62	162	256878	47.30	ng	98
47) 2-Nitroaniline	10.74	65	80406	49.21	ng #	85
48) Acenaphthylene	11.13	152	432226	48.27	ng	99
49) Dimethylphthalate	10.98	163	300647	42.72	ng	100
50) 2,6-Dinitrotoluene	11.05	165	64396	46.45	ng #	80
51) Acenaphthene	11.35	154	275088	50.90	ng	98
52) 3-Nitroaniline	11.26	138	55751	34.10	ng #	90
53) 2,4-Dinitrophenol	11.38	184	59268	77.40	ng	84
54) Dibenzofuran	11.57	168	359396	46.53	ng	94
55) 4-Nitrophenol	11.45	139	121896	93.28	ng	97
56) 2,4-Dinitrotoluene	11.56	165	85621	47.01	ng #	90
57) Fluorene	11.99	166	287706	46.06	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	62997	45.28	ng #	94
59) Diethylphthalate	11.86	149	297681	40.76	ng	97
60) 4-Chlorophenyl-phenylether	12.00	204	122586	45.64	ng	89
61) 4-Nitroaniline	12.01	138	76957	47.09	ng #	81
62) Azobenzene	12.20	77	292230	45.48	ng	90
64) 4,6-Dinitro-2-methylphenol	12.05	198	36510	44.52	ng #	43
65) n-Nitrosodiphenylamine	12.14	169	238642	46.53	ng	99
66) 4-Bromophenyl-phenylether	12.61	248	72322	47.41	ng #	87
67) Hexachlorobenzene	12.68	284	82704	47.74	ng #	83
68) Atrazine	12.81	200	73602	46.25	ng	97
69) Pentachlorophenol	12.92	266	97156	89.35	ng	97
70) Phenanthrene	13.19	178	433797	50.83	ng	99
71) Anthracene	13.26	178	440313	49.92	ng	99
72) Carbazole	13.45	167	412720	47.82	ng	99
73) Di-n-butylphthalate	13.90	149	496421	41.64	ng	100
74) Fluoranthene	14.67	202	448022	49.02	ng	99
76) Benzidine	14.84	184	197760	37.88	ng	98
77) Pyrene	14.95	202	464716	48.69	ng	99
79) Butylbenzylphthalate	15.76	149	212611	39.66	ng #	79
80) Benzo(a)anthracene	16.45	228	441445	51.18	ng	99
81) 3,3'-Dichlorobenzidine	16.41	252	80386	25.24	ng #	95
82) Chrysene	16.49	228	387114	51.89	ng	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	317152	37.56	ng #	99
87) Benzo(b)fluoranthene	17.74	252	475777	52.63	ng	99
88) Benzo(k)fluoranthene	17.74	252	475777	58.64	ng	99
89) Benzo(a)pyrene	18.14	252	420395	51.97	ng #	96
90) Dibenzo(a,h)anthracene	19.80	278	427216	50.57	ng	98
91) Benzo(g,h,i)perylene	20.23	276	451609	56.11	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

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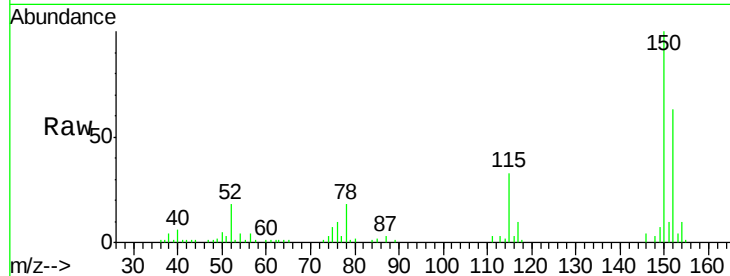
Tgt Ion:152 Resp: 46742

Ion Ratio Lower Upper

152 100

150 159.1 127.2 190.8

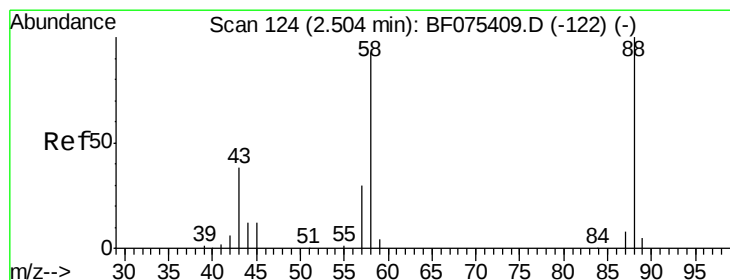
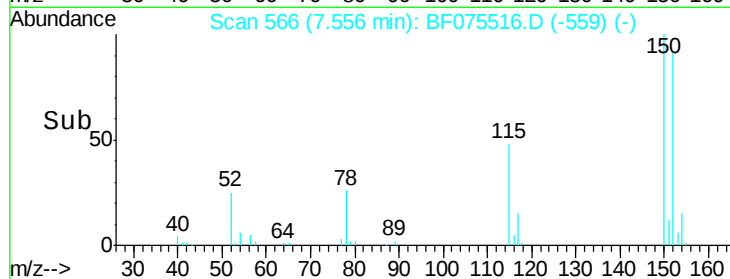
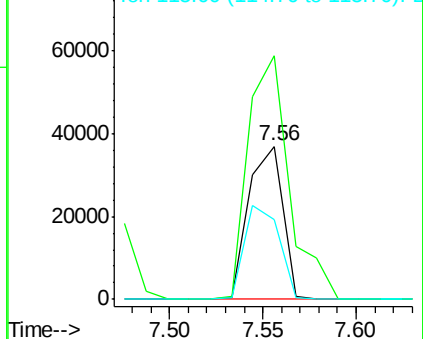
115 52.2 57.1 85.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.33 ng

RT: 2.48 min Scan# 122

Delta R.T. -0.05 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

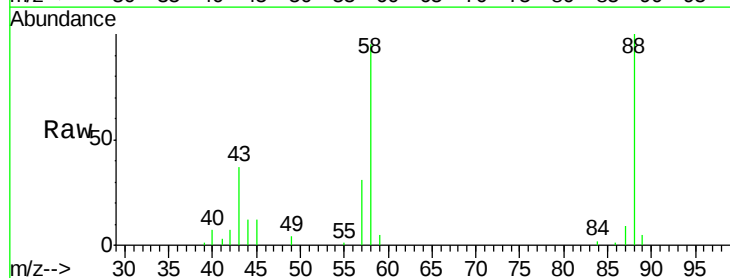
Tgt Ion: 88 Resp: 47017

Ion Ratio Lower Upper

88 100

58 94.7 73.5 110.3

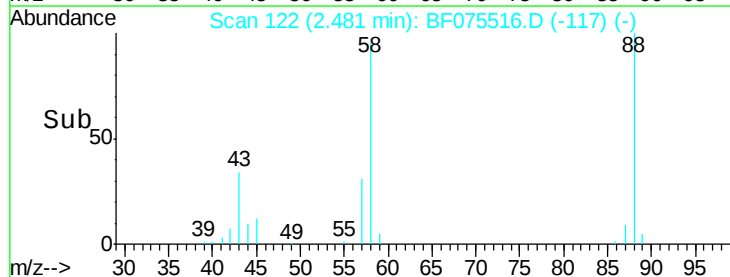
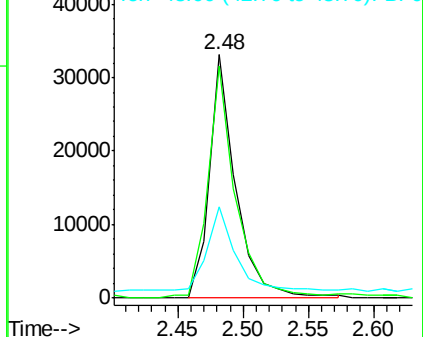
43 34.2 31.9 47.9

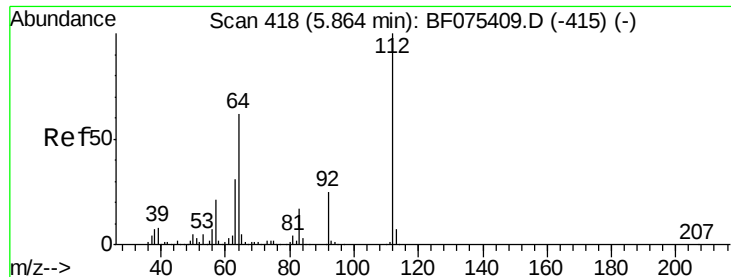


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 156.50 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS

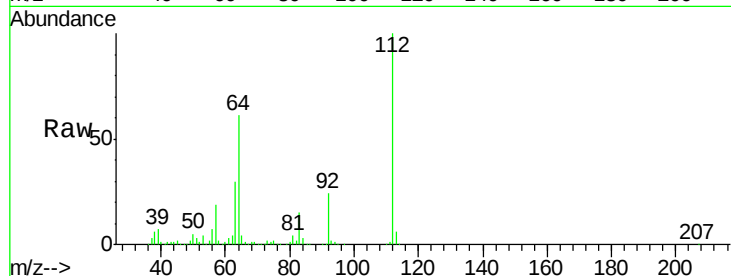
Tgt Ion: 112 Resp: 414075

Ion Ratio Lower Upper

112 100

64 60.8 45.8 68.6

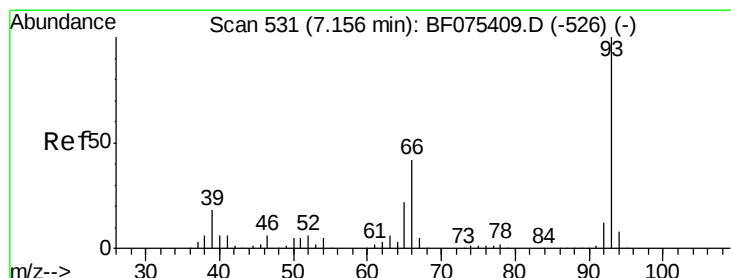
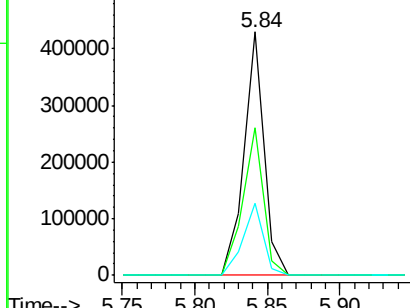
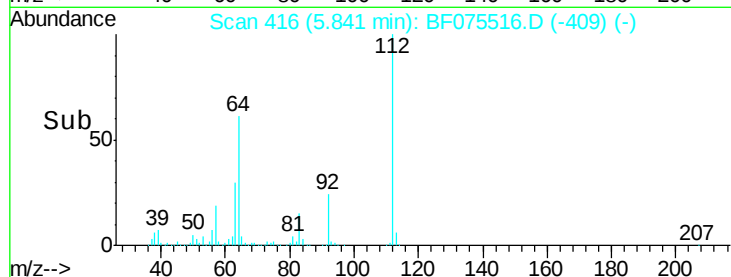
63 29.6 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.61 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

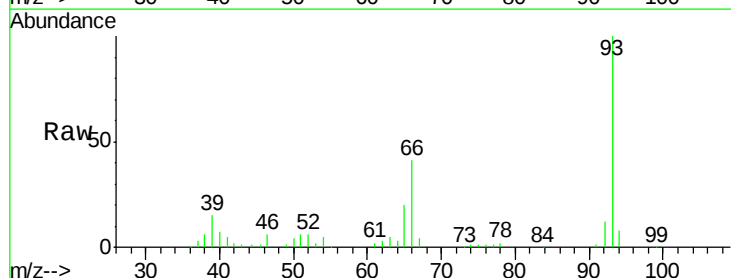
Tgt Ion: 93 Resp: 131476

Ion Ratio Lower Upper

93 100

66 41.0 31.8 47.8

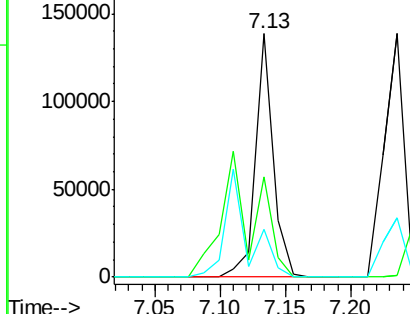
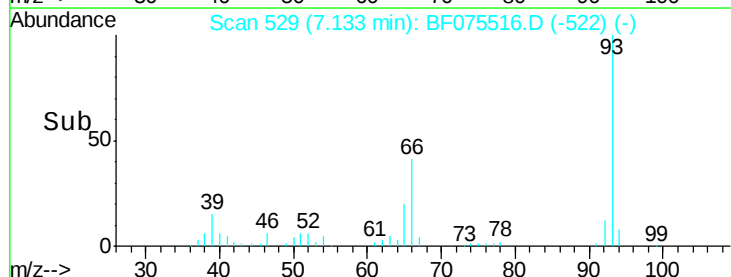
65 19.7 16.6 25.0

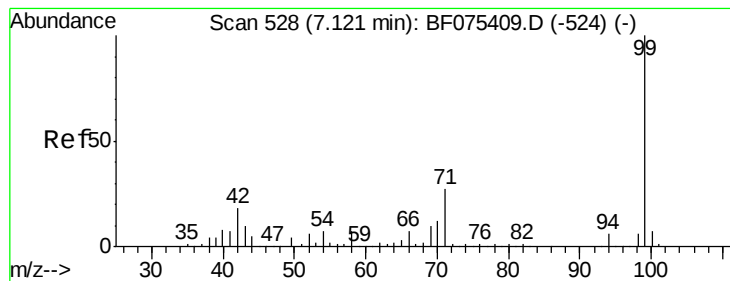


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 163.82 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

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PB80204BS

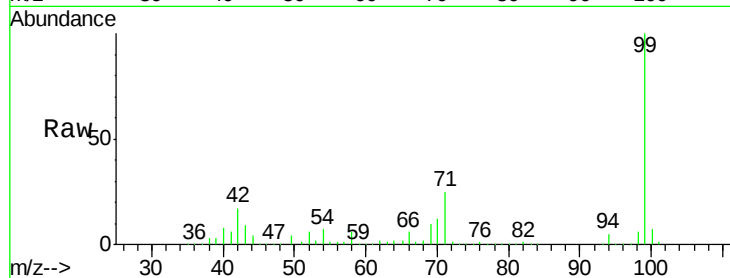
Tgt Ion: 99 Resp: 521230

Ion Ratio Lower Upper

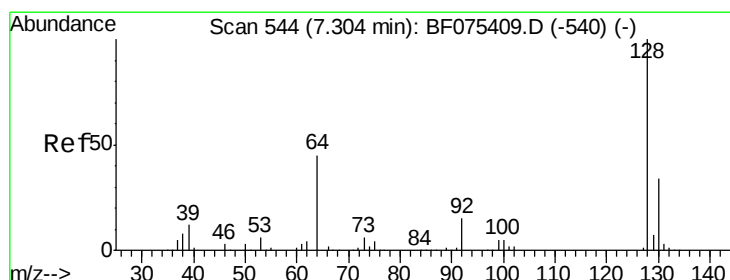
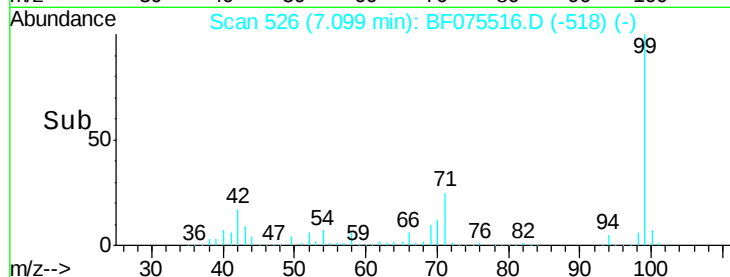
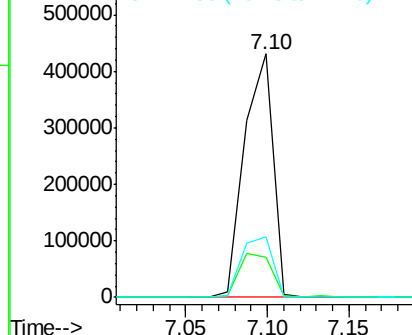
99 100

42 16.5 19.8 29.6#

71 25.0 25.5 38.3#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.43 ng

RT: 7.28 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

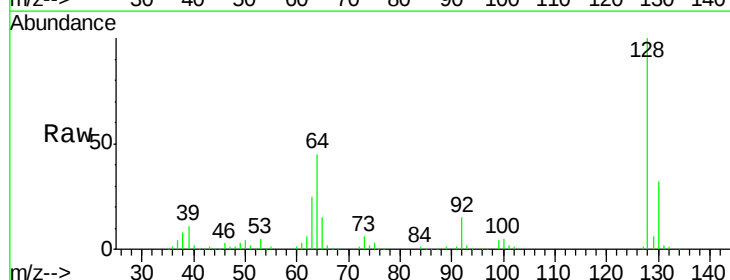
Tgt Ion: 128 Resp: 142183

Ion Ratio Lower Upper

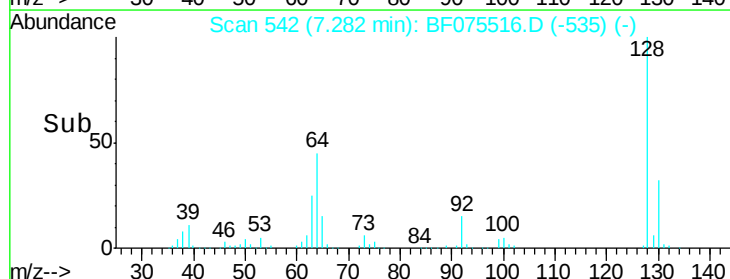
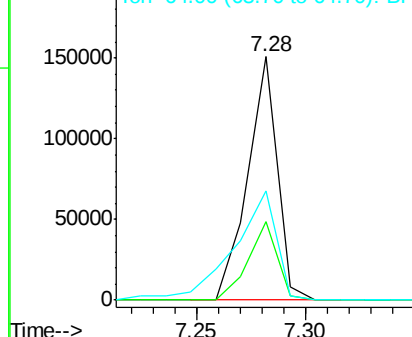
128 100

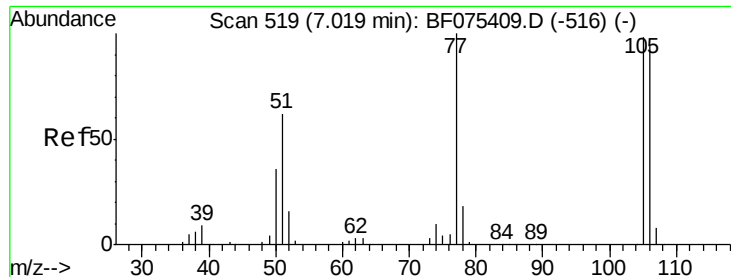
130 32.1 12.7 52.7

64 44.9 20.3 60.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.22 ng

RT: 7.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

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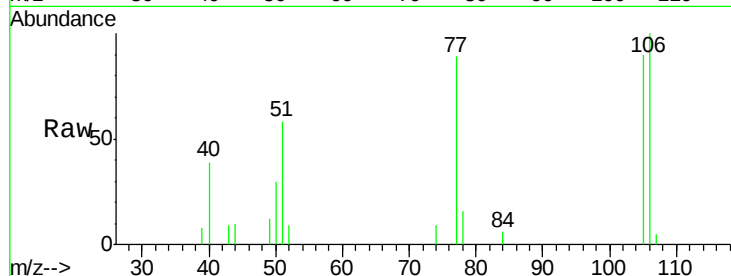
Tgt Ion: 77 Resp: 4741

Ion Ratio Lower Upper

77 100

105 100.8 81.6 121.6

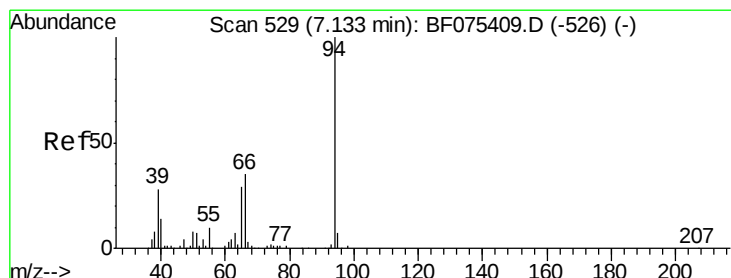
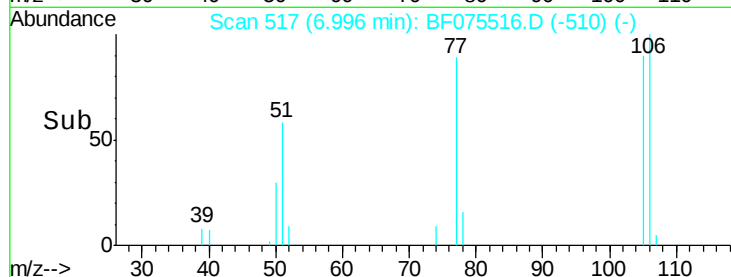
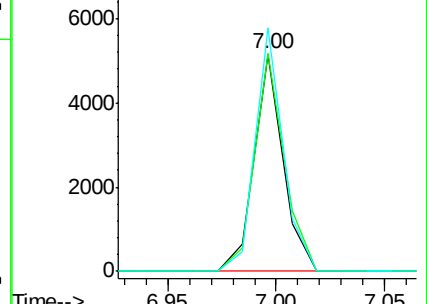
106 112.3 77.5 117.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.85 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

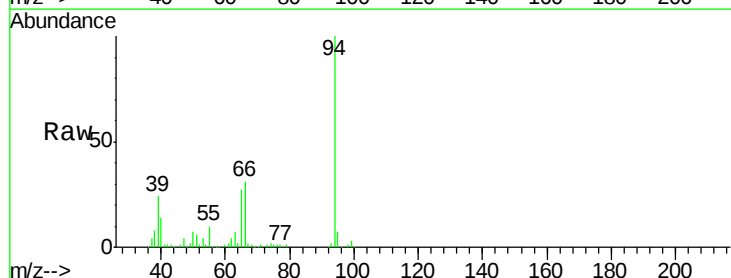
Tgt Ion: 94 Resp: 189622

Ion Ratio Lower Upper

94 100

65 27.1 13.1 53.1

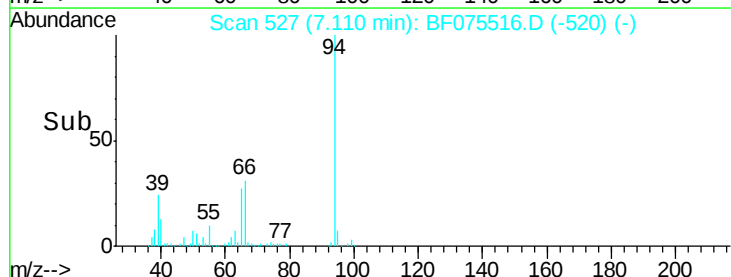
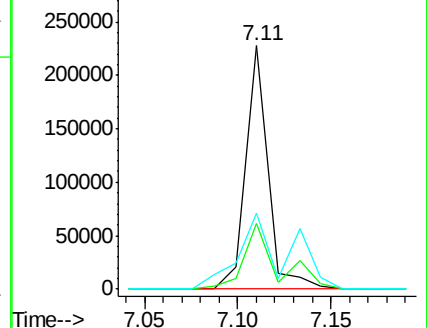
66 31.4 20.8 60.8

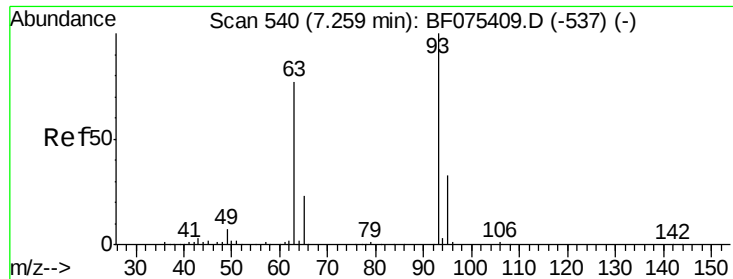


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 49.33 ng

RT: 7.24 min Scan# 538

Delta R.T. -0.01 min

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Acq: 15 Nov 2014 1:45

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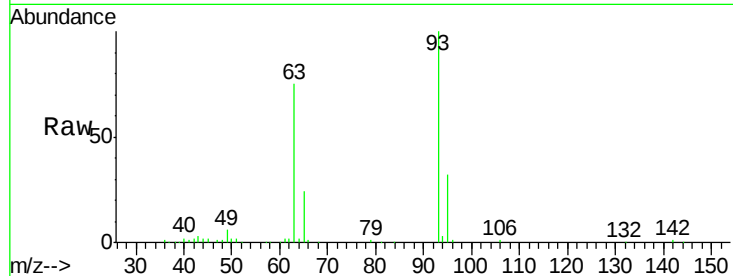
Tgt Ion: 93 Resp: 145032

Ion Ratio Lower Upper

93 100

63 75.2 79.8 119.8#

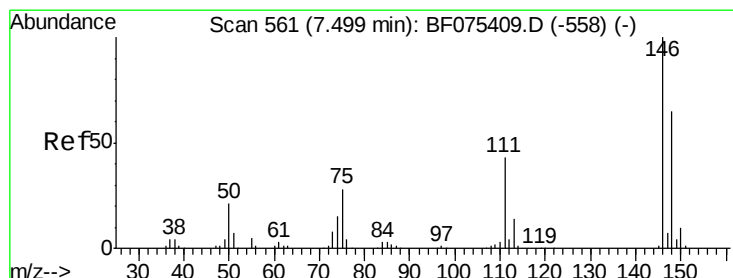
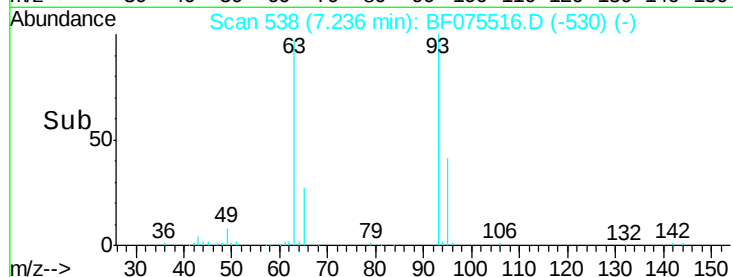
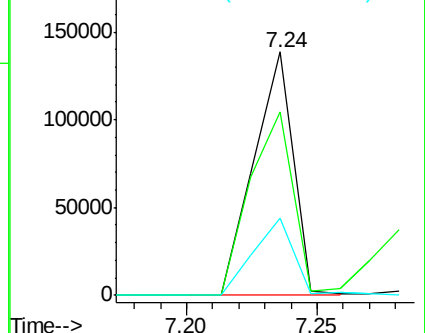
95 31.9 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 45.36 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

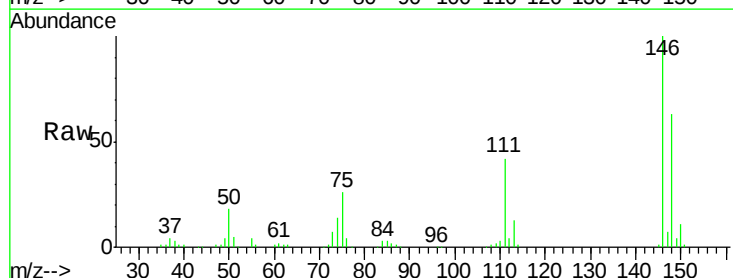
Tgt Ion: 146 Resp: 151357

Ion Ratio Lower Upper

146 100

148 63.5 53.1 79.7

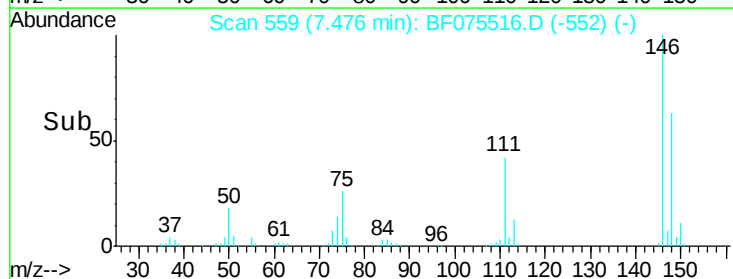
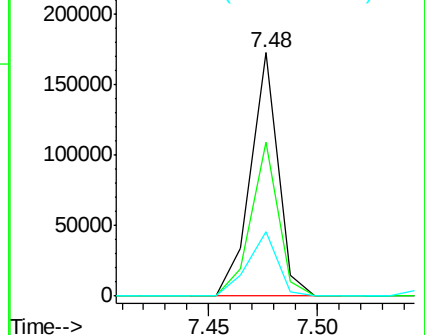
75 26.3 21.5 32.3

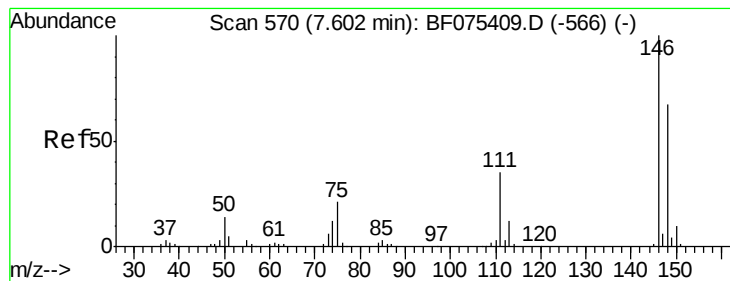


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 43.90 ng

RT: 7.57 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS

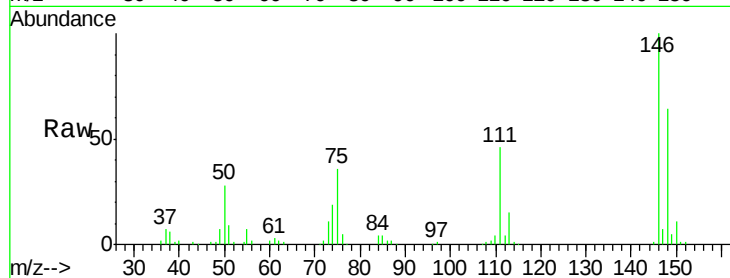
Tgt Ion:146 Resp: 149048

Ion Ratio Lower Upper

146 100

148 64.3 49.9 74.9

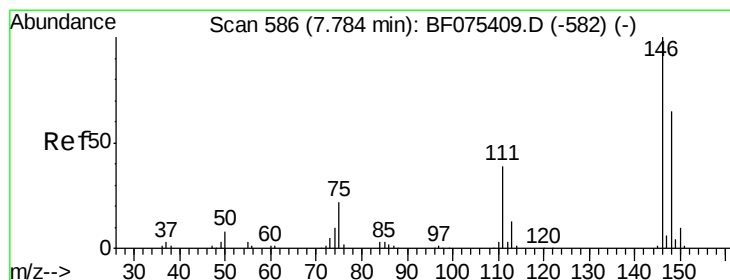
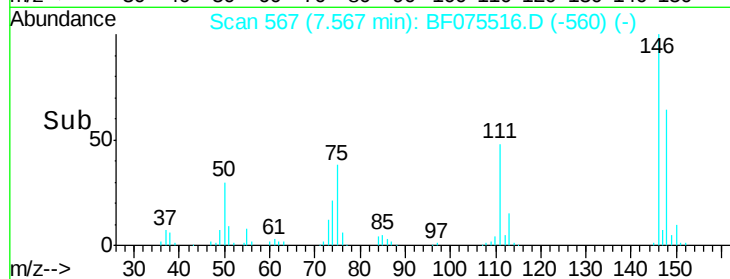
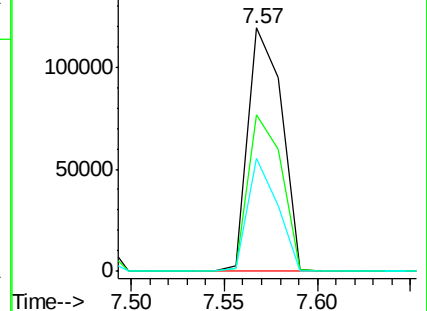
111 46.4 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.63 ng

RT: 7.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

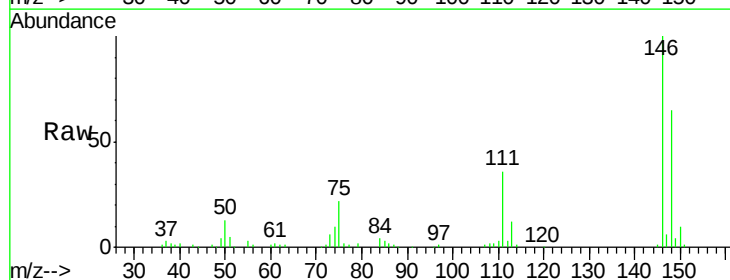
Tgt Ion:146 Resp: 142066

Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

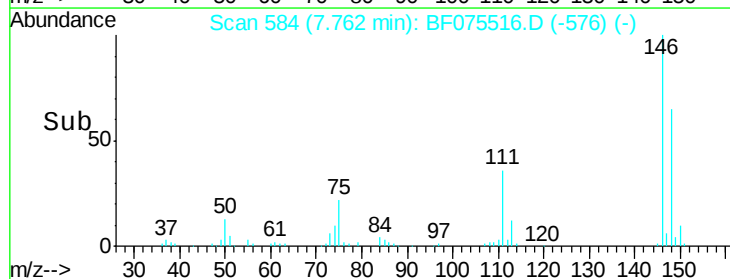
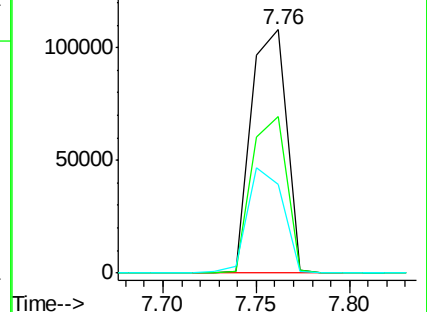
111 36.3 39.9 59.9#

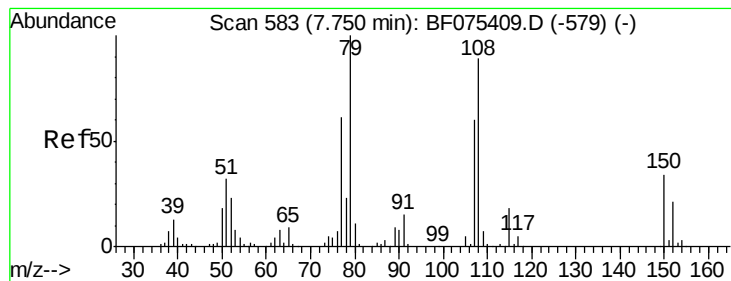


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.52 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS

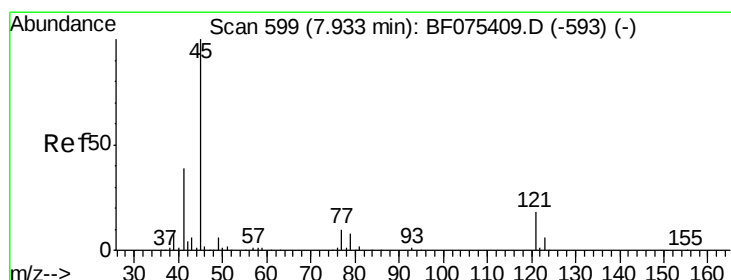
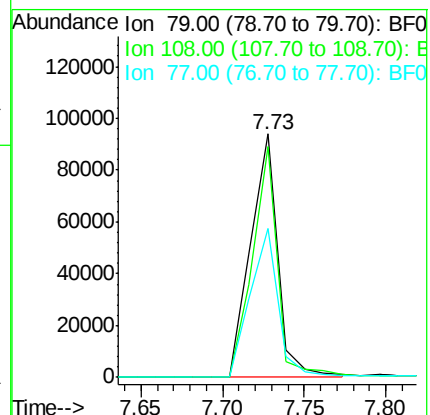
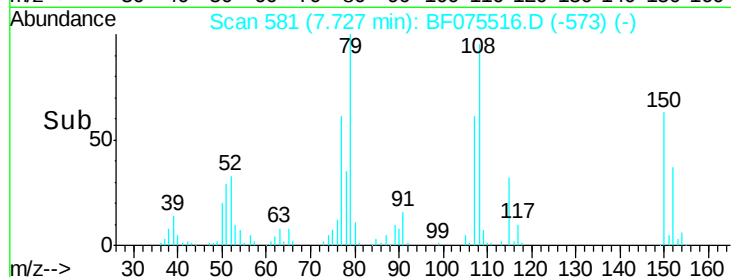
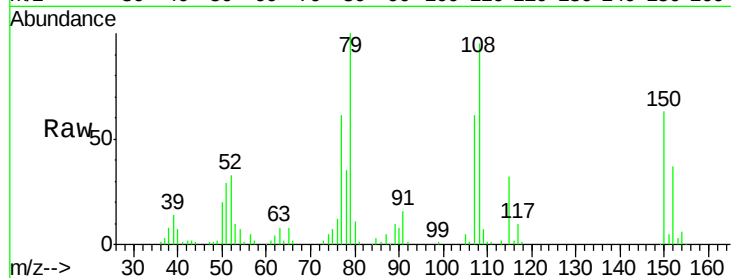
Tgt Ion: 79 Resp: 108698

Ion Ratio Lower Upper

79 100

108 94.7 75.5 113.3

77 61.1 52.1 78.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.78 ng

RT: 7.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

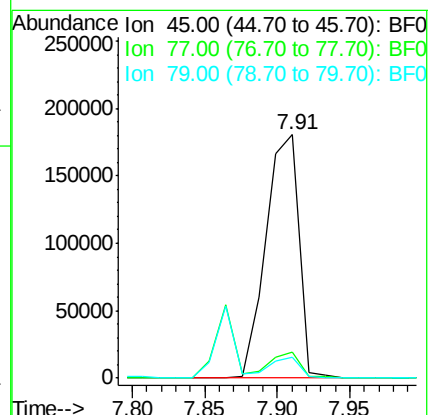
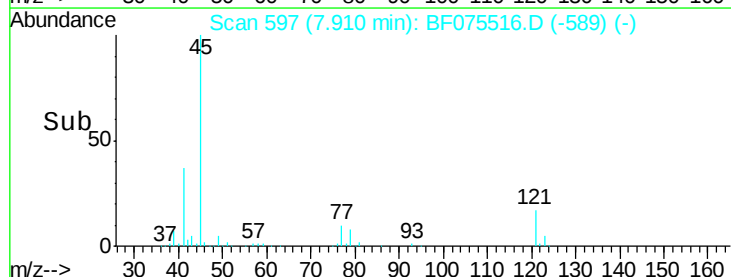
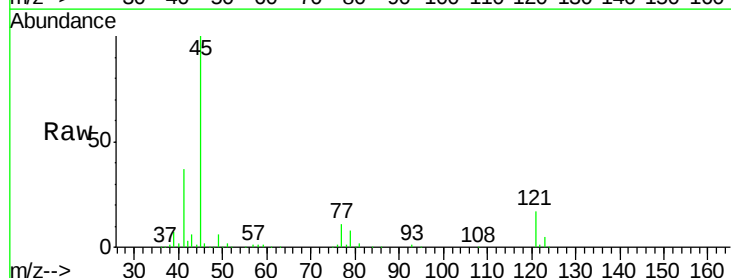
Tgt Ion: 45 Resp: 284696

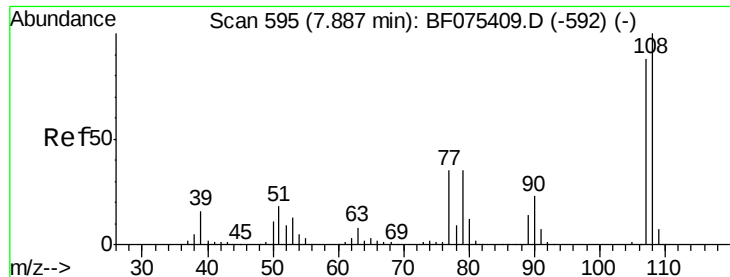
Ion Ratio Lower Upper

45 100

77 10.8 0.0 28.6

79 8.5 0.0 26.5

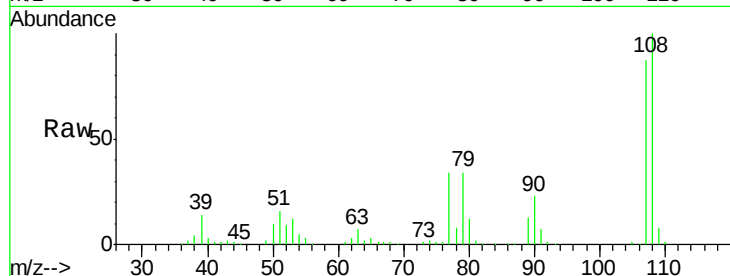




#17
2-Methylphenol
Concen: 46.39 ng
RT: 7.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Instrument :
BNA_F
ClientSampleId :
PB80204BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.9	95.6	143.4
77	39.5	30.2	45.4
79	38.6	31.3	46.9



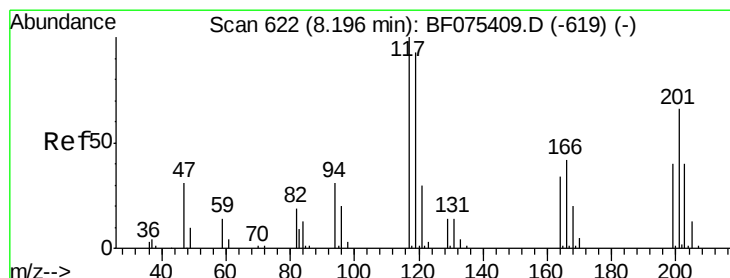
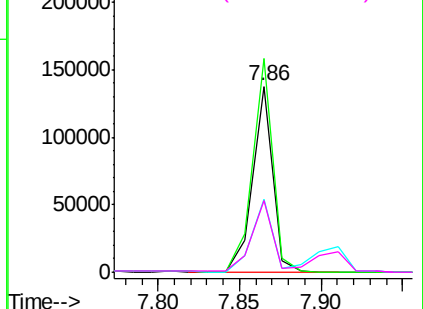
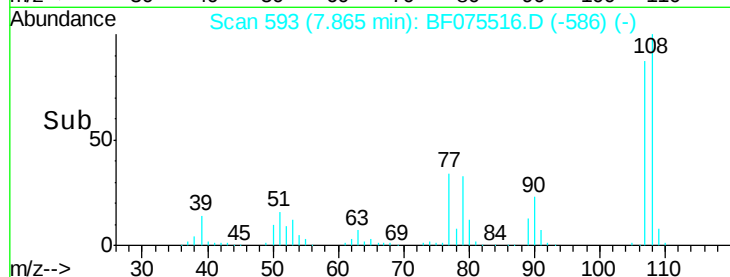
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

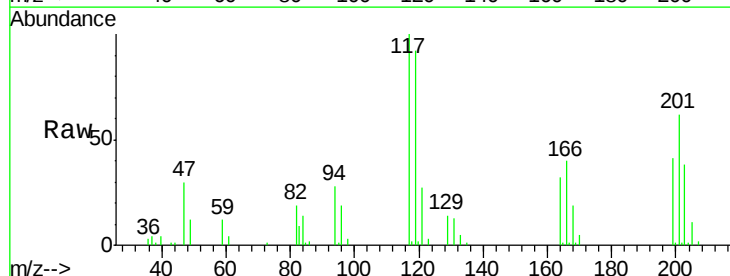
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 46.67 ng
RT: 8.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	72.9	109.3
201	62.4	48.2	72.4

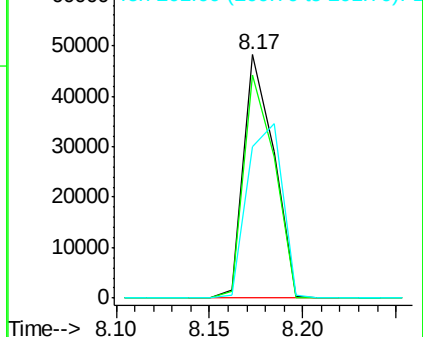
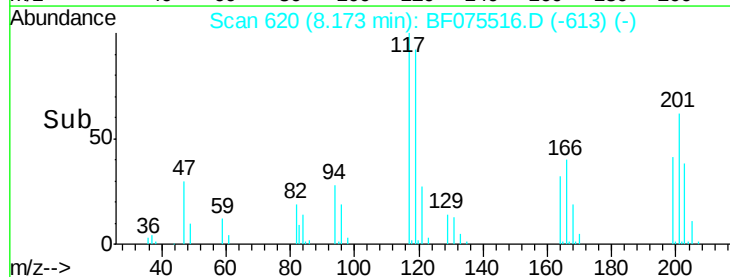


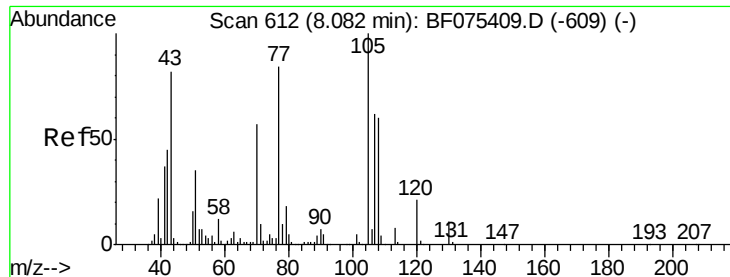
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

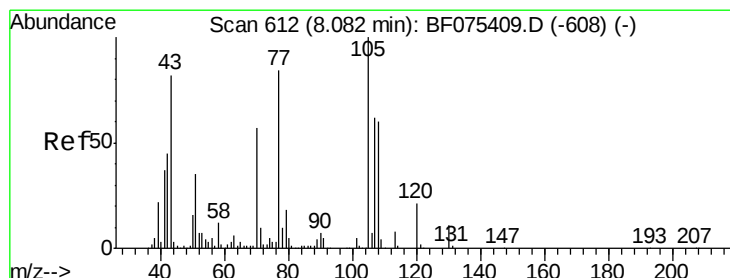
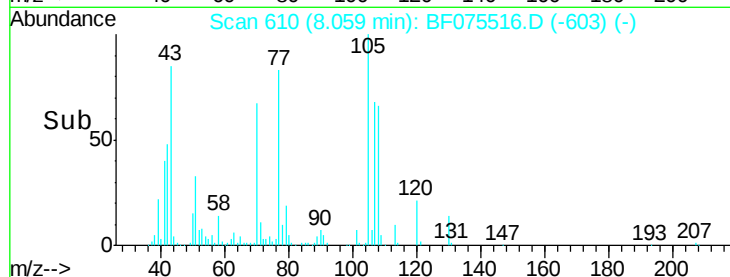
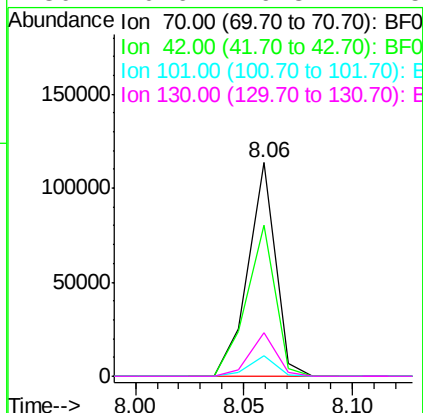
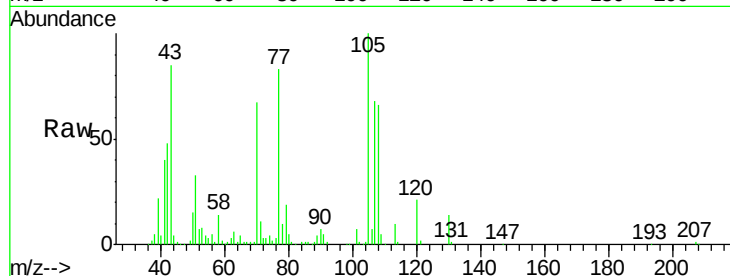




#19
n-Nitroso-di-n-propylamine
Concen: 46.08 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

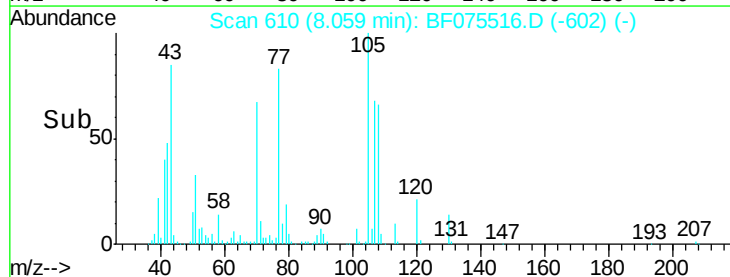
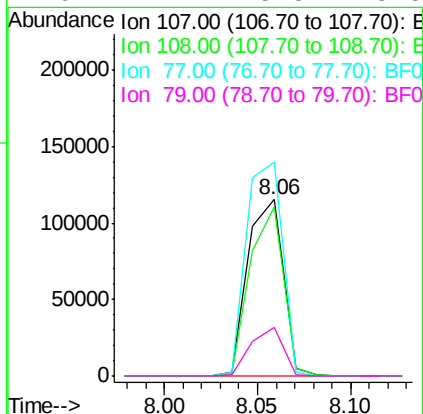
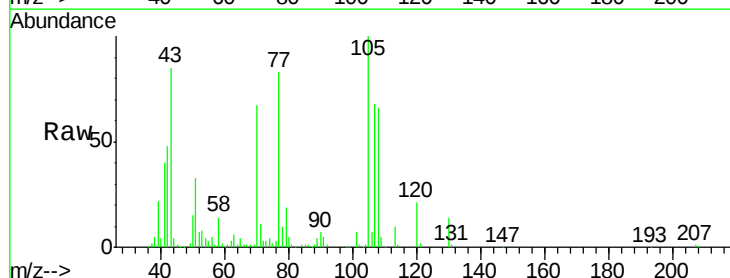
Instrument :
BNA_F
ClientSampleId :
PB80204BS

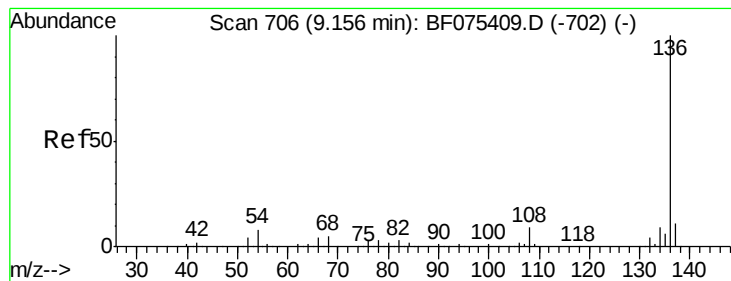
Tgt Ion:	70	Resp:	99906
Ion	Ratio	Lower	Upper
70	100		
42	70.6	63.0	94.6
101	9.6	7.5	11.3
130	20.6	16.3	24.5



#20
3+4-Methylphenols
Concen: 45.62 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion:	107	Resp:	151440
Ion	Ratio	Lower	Upper
107	100		
108	96.1	69.6	109.6
77	121.3	84.4	124.4
79	27.7	5.5	45.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS

Tgt Ion:136 Resp: 207729

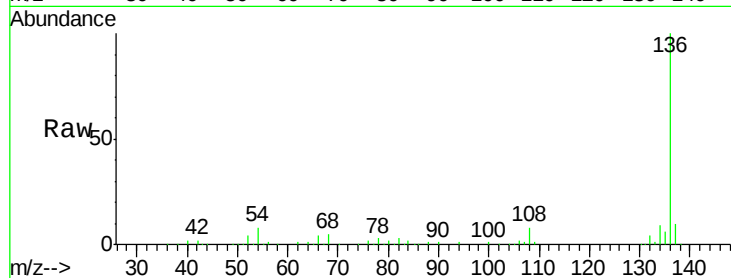
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 8.0 6.2 9.4

68 5.2 3.4 5.2#

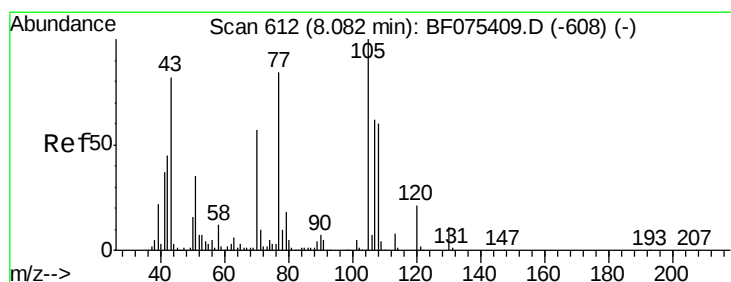
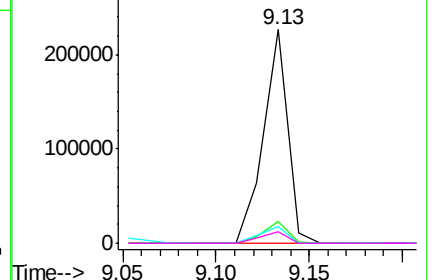
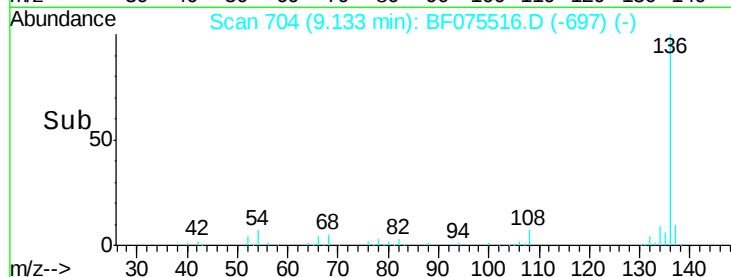


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.35 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Tgt Ion:105 Resp: 207725

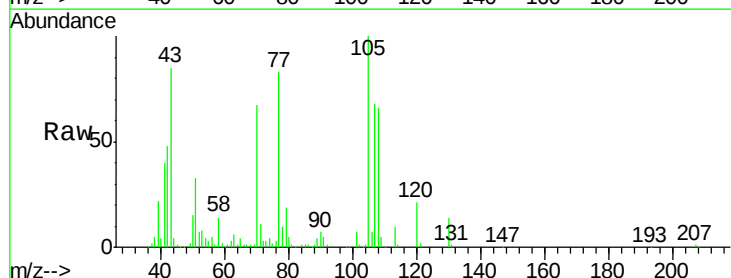
Ion Ratio Lower Upper

105 100

71 11.1 10.5 15.7

51 33.1 24.2 36.2

120 21.4 17.5 26.3

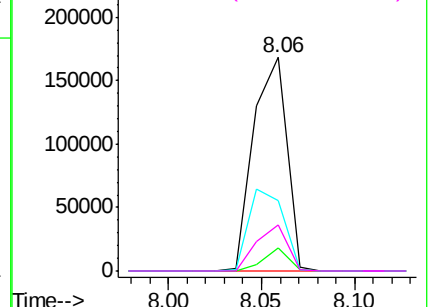
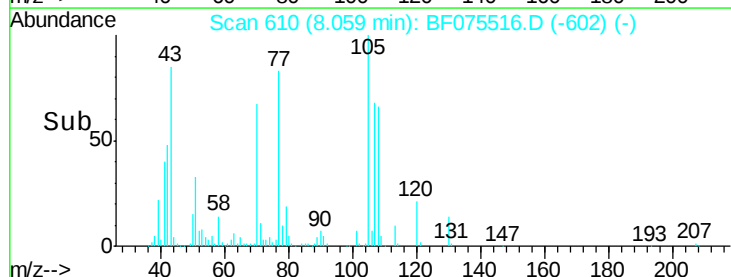


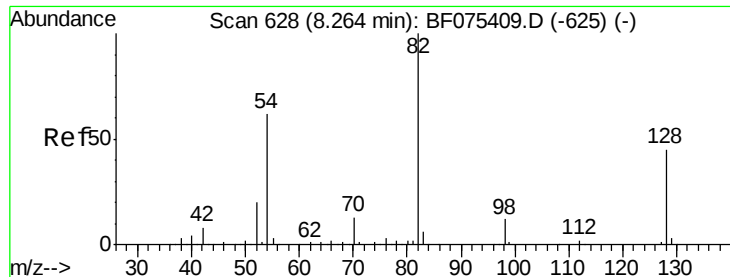
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

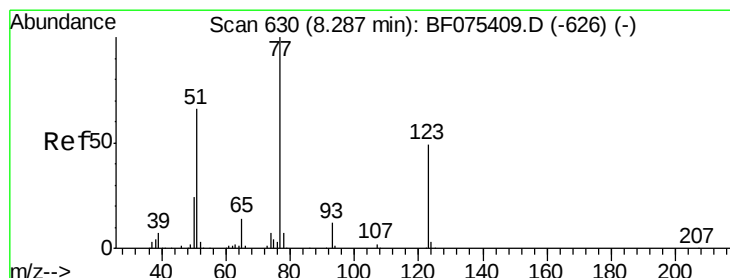
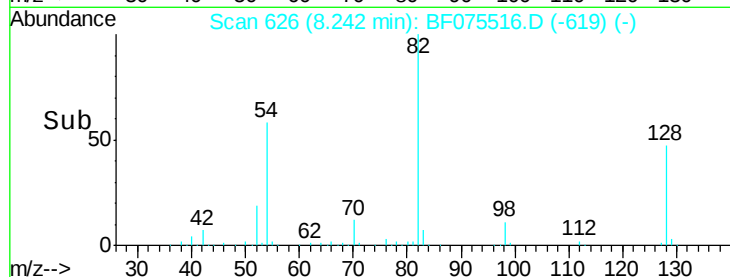
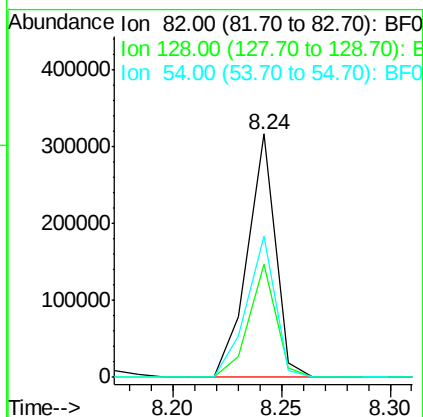
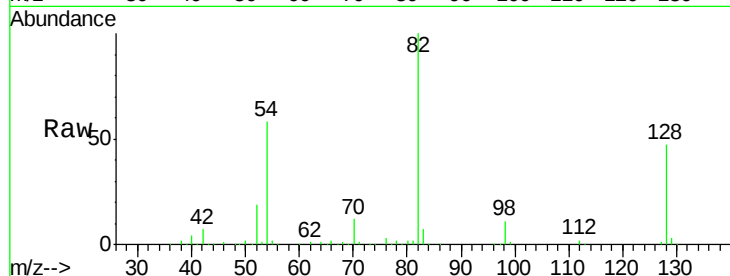




#23
 Nitrobenzene-d5
 Concen: 100.12 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

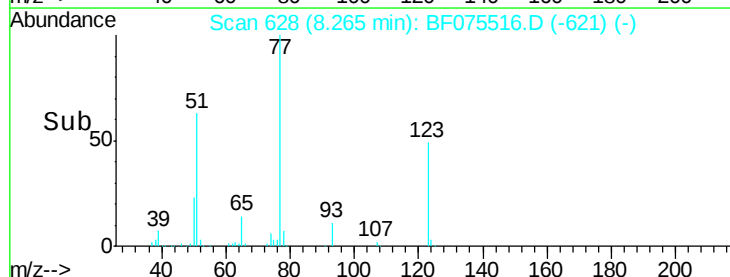
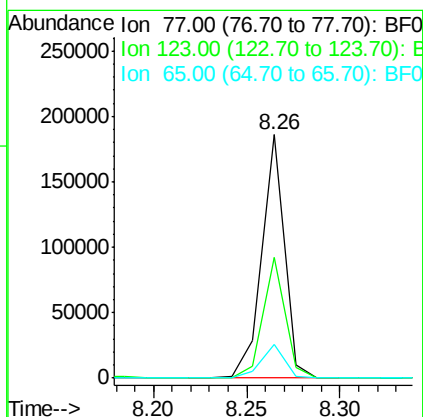
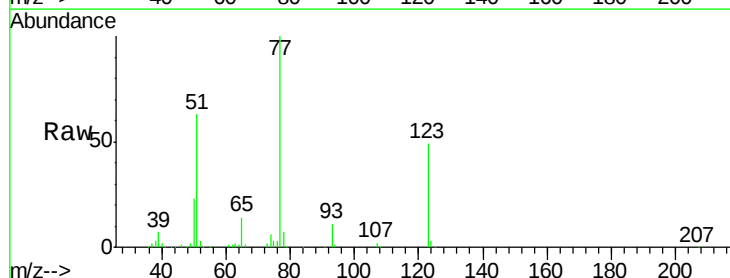
Instrument :
 BNA_F
 ClientSampleId :
 PB80204BS

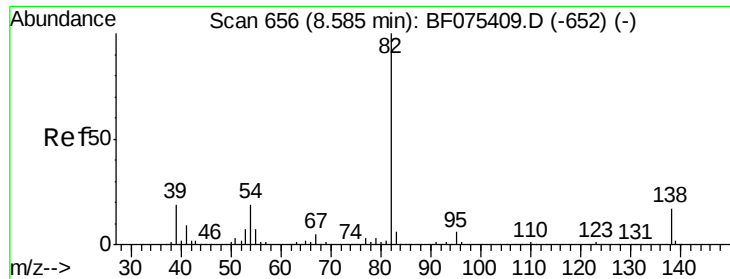
Tgt Ion: 82 Resp: 283667
 Ion Ratio Lower Upper
 82 100
 128 46.6 37.8 56.6
 54 58.2 49.8 74.8



#24
 Nitrobenzene
 Concen: 47.20 ng
 RT: 8.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion: 77 Resp: 154991
 Ion Ratio Lower Upper
 77 100
 123 49.4 39.0 58.4
 65 13.8 10.6 15.8





#25

Isophorone

Concen: 43.15 ng

RT: 8.56 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS

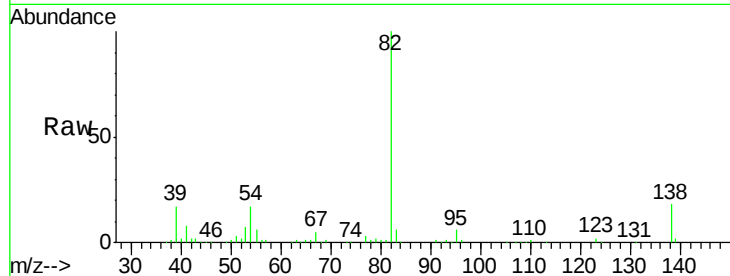
Tgt Ion: 82 Resp: 279126

Ion Ratio Lower Upper

82 100

95 5.9 5.2 7.8

138 18.3 15.0 22.6

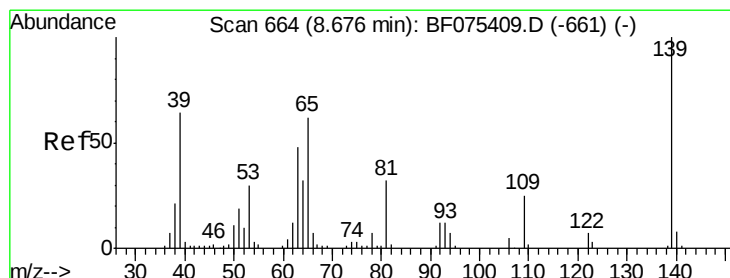
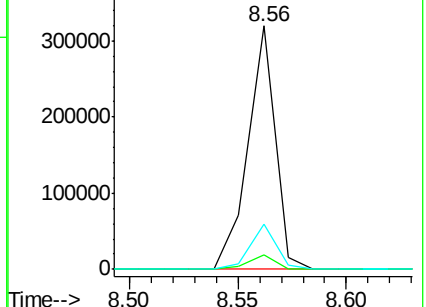
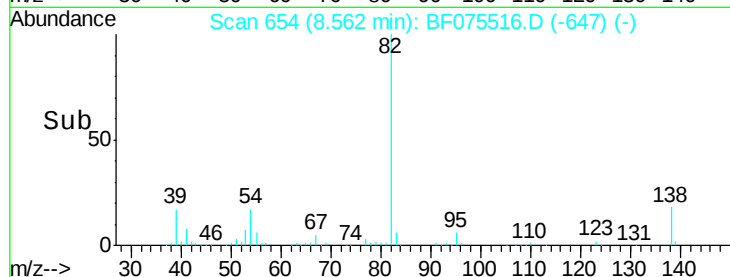


Abundance Ion 82.00 (81.70 to 82.70): BF075409.D (-652) (-)

Ion 95.00 (94.70 to 95.70): BF075409.D (-652) (-)

Ion 138.00 (137.70 to 138.70): BF075409.D (-652) (-)

Time-->



#26

2-Nitrophenol

Concen: 44.58 ng

RT: 8.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

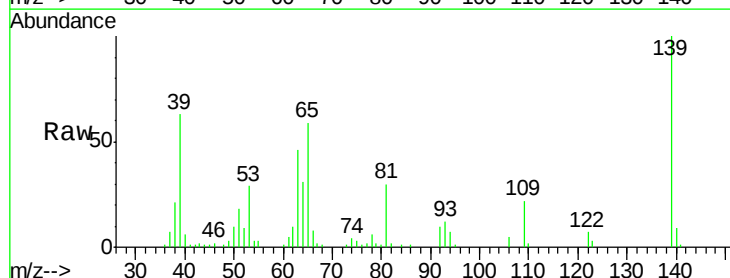
Tgt Ion: 139 Resp: 66695

Ion Ratio Lower Upper

139 100

109 22.5 22.3 33.5

65 58.8 49.1 73.7

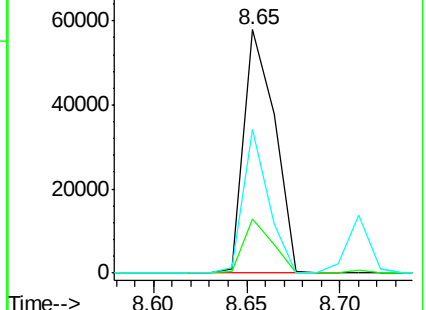
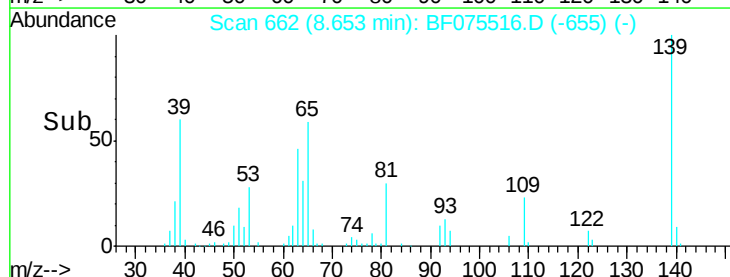


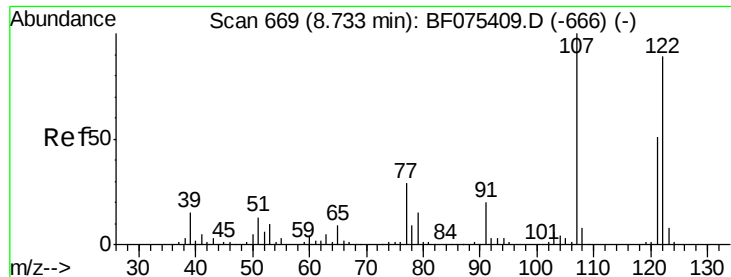
Abundance Ion 139.00 (138.70 to 139.70): BF075409.D (-661) (-)

Ion 109.00 (108.70 to 109.70): BF075409.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BF075409.D (-661) (-)

Time-->

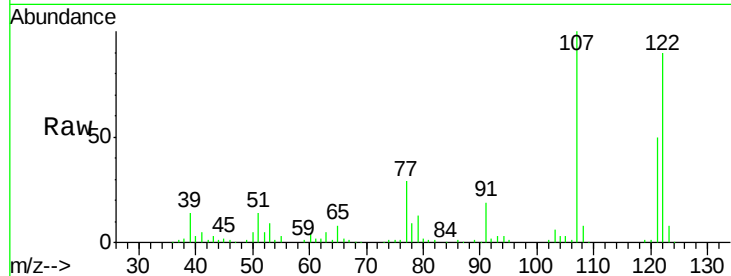




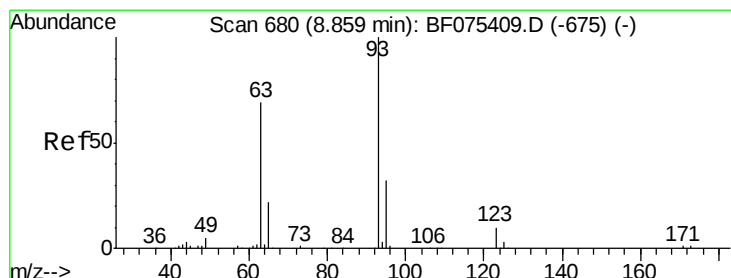
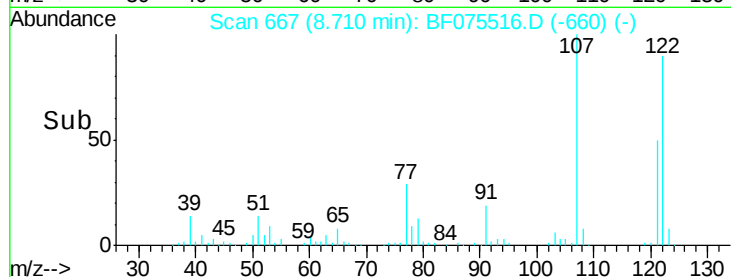
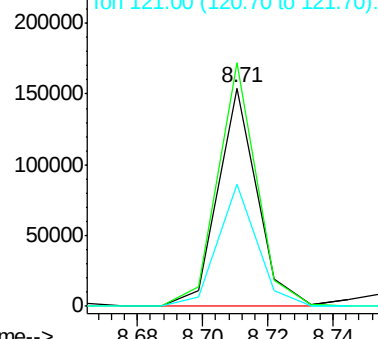
#27
2,4-Dimethylphenol
Concen: 44.13 ng
RT: 8.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Instrument :
BNA_F
ClientSampleId :
PB80204BS

Tgt Ion:122 Resp: 127955
Ion Ratio Lower Upper
122 100
107 111.5 86.5 129.7
121 56.1 45.4 68.2

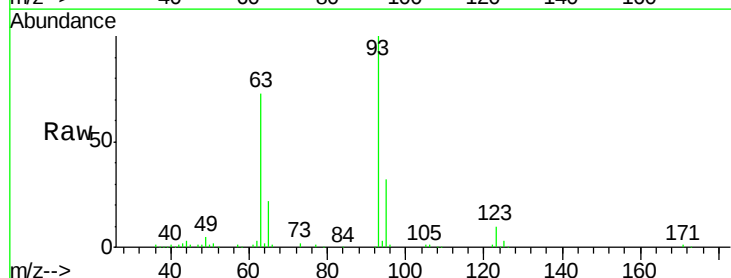


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

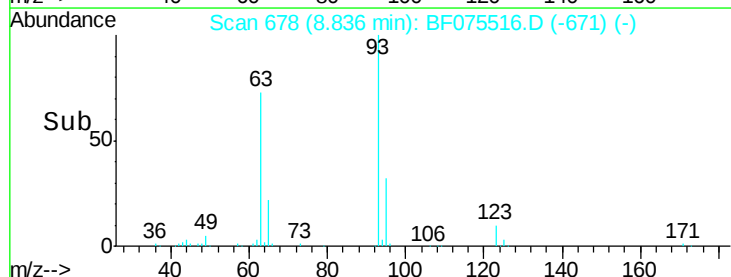
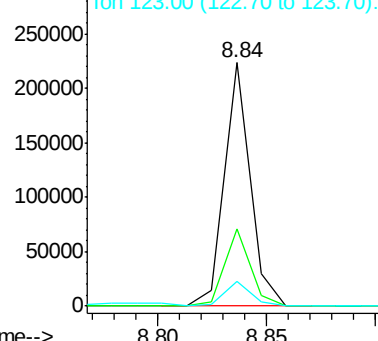


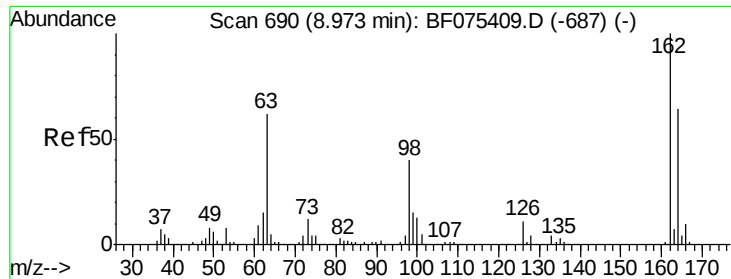
#28
bis(2-Chloroethoxy)methane
Concen: 46.69 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion: 93 Resp: 184060
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.4
123 10.0 8.8 13.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

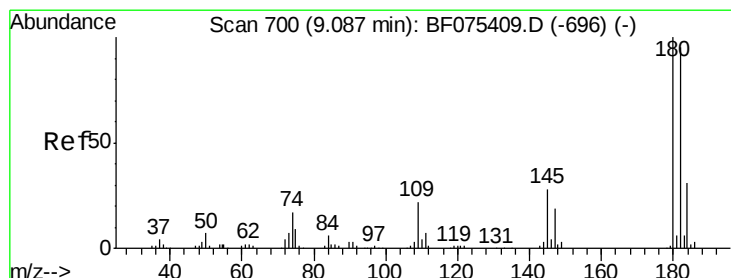
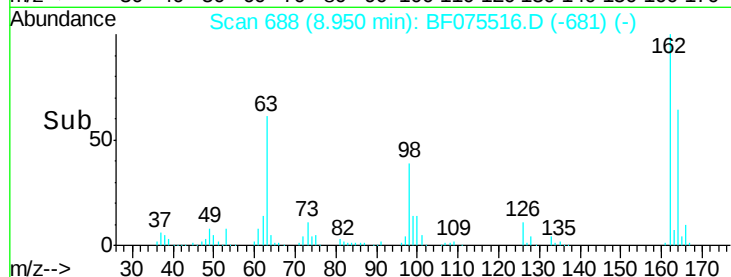
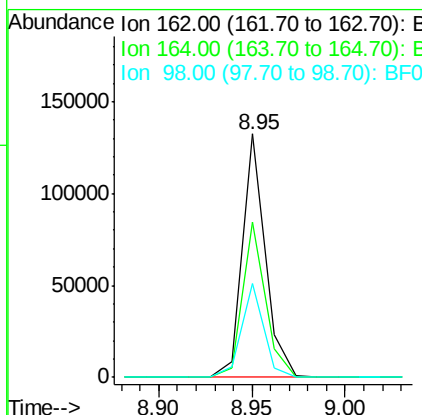
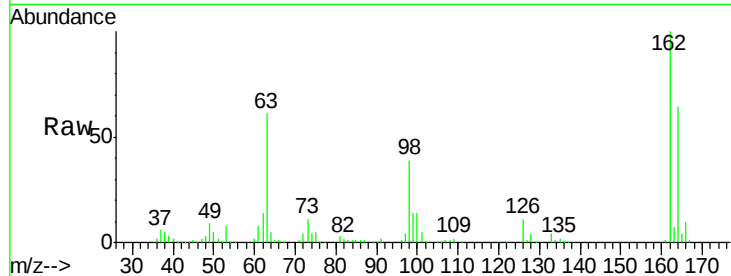




#29
 2,4-Dichlorophenol
 Concen: 44.57 ng
 RT: 8.95 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

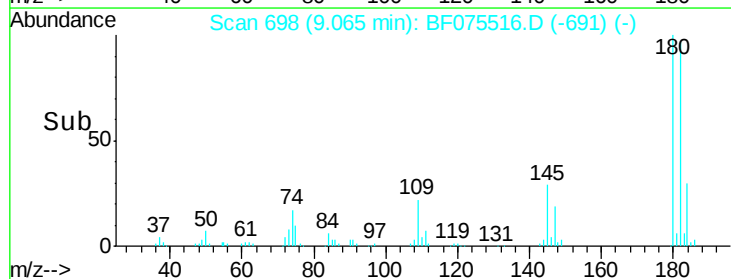
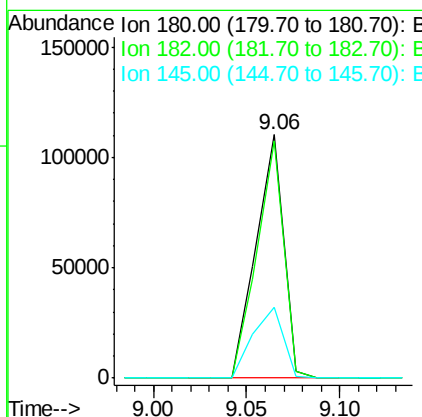
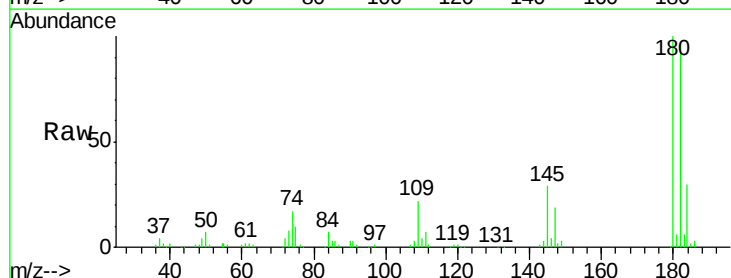
Instrument :
 BNA_F
 ClientSampleId :
 PB80204BS

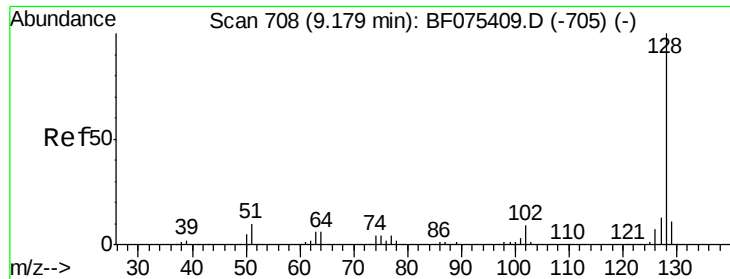
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	38.8	14.6	54.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.27 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.4	117.6
145	29.2	22.3	33.5

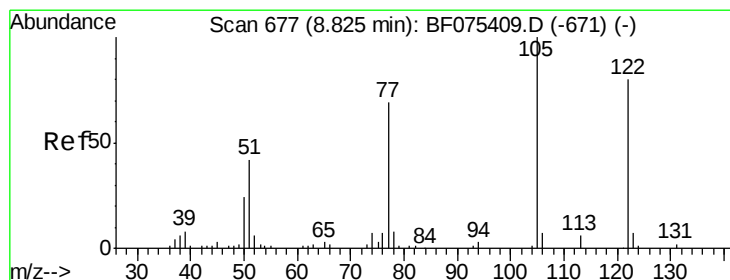
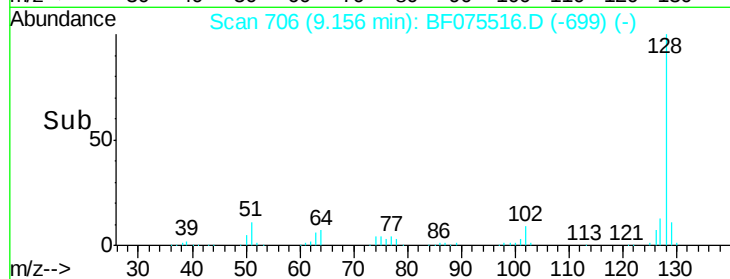
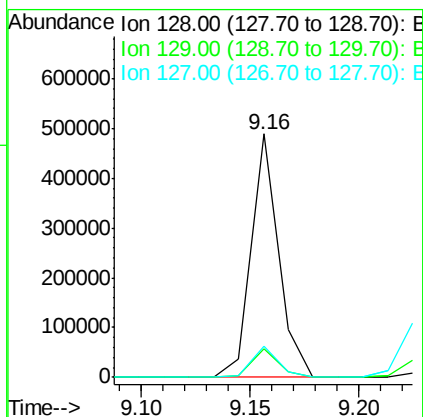
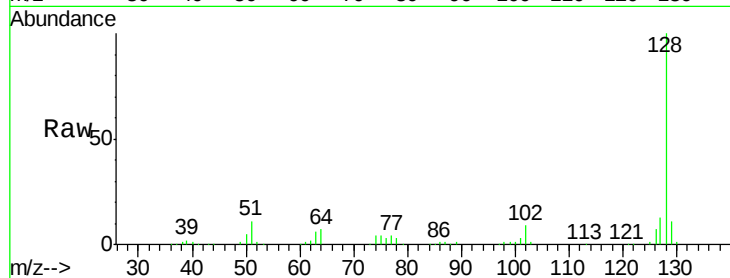




#31
Naphthalene
Concen: 46.06 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

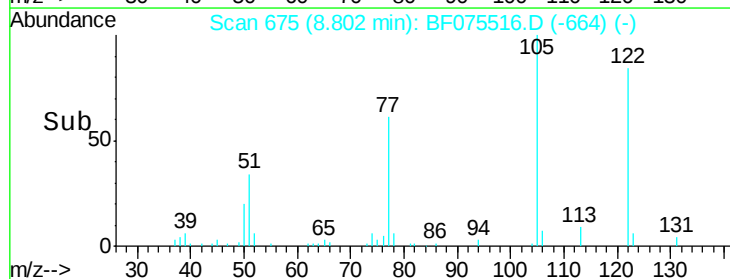
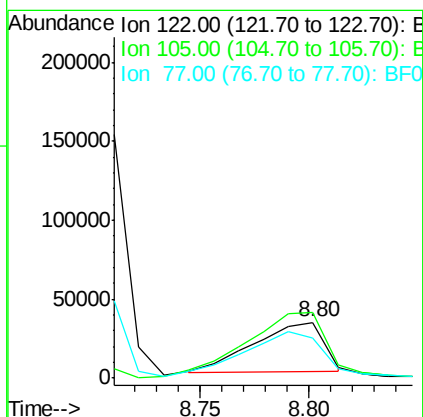
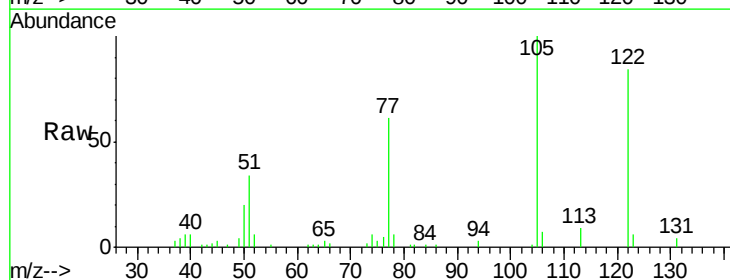
Instrument :
BNA_F
ClientSampleId :
PB80204BS

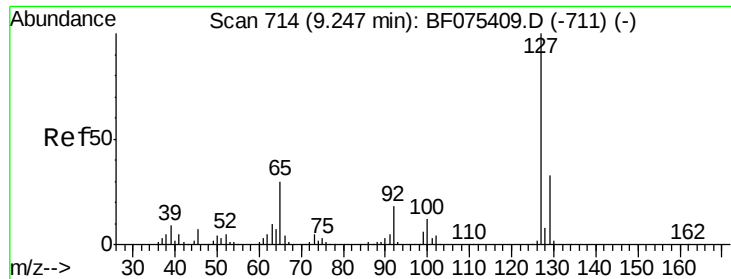
Tgt Ion:128 Resp: 426588
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 12.7 10.2 15.4



#32
Benzoic acid
Concen: 40.32 ng
RT: 8.80 min Scan# 675
Delta R.T. 0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion:122 Resp: 70635
Ion Ratio Lower Upper
122 100
105 118.9 95.1 135.1
77 72.6 62.6 102.6

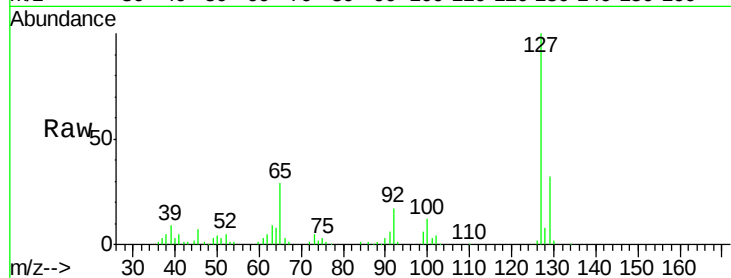




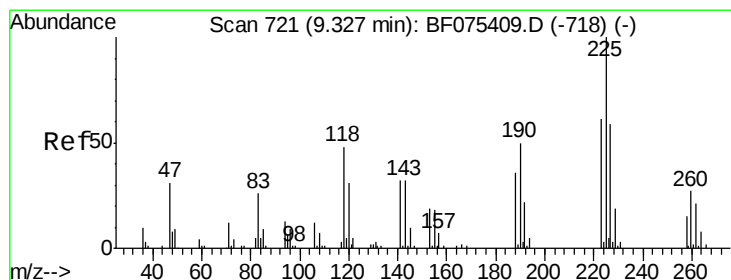
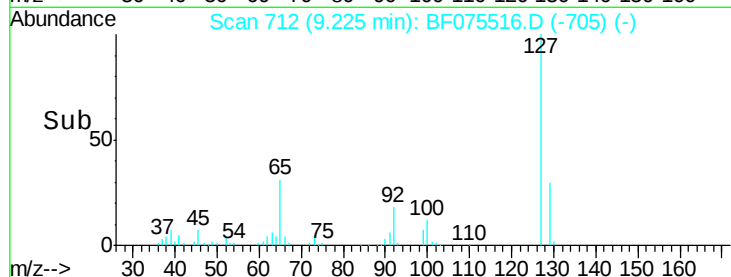
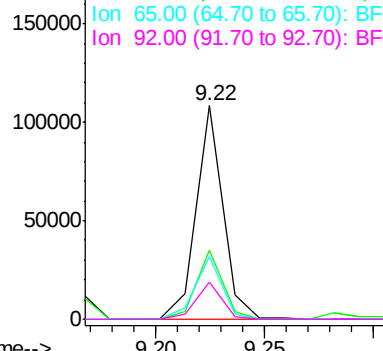
#33
4-Chloroaniline
Concen: 23.05 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Instrument :
BNA_F
ClientSampleId :
PB80204BS

Tgt Ion:	127	Resp:	92751
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.5	38.3
65	29.4	22.8	34.2
92	17.1	13.8	20.6

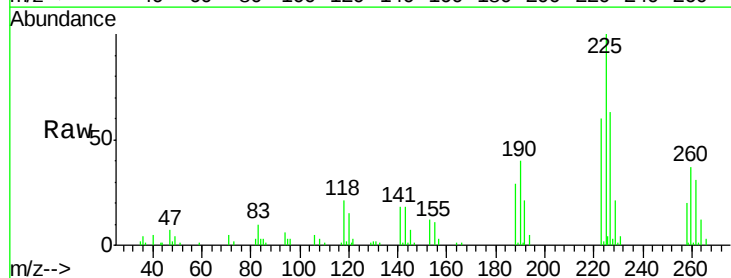


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

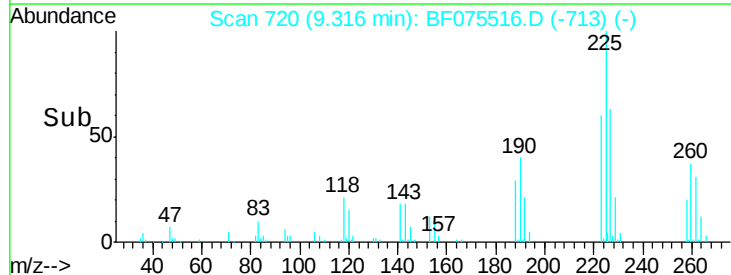
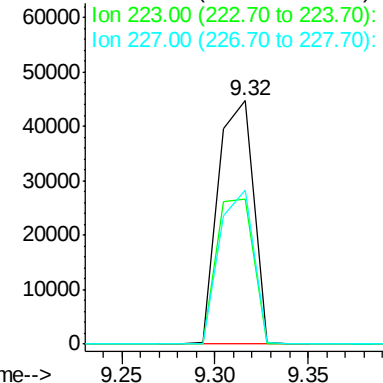


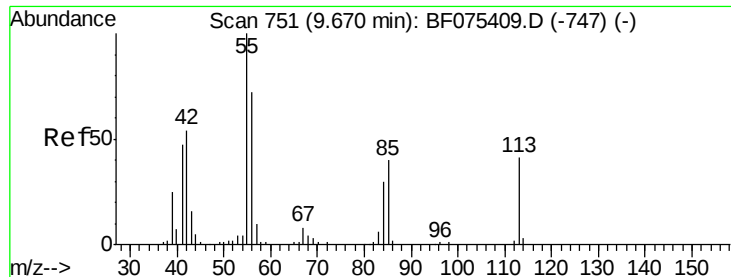
#34
Hexachlorobutadiene
Concen: 40.44 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion:	225	Resp:	58300
Ion	Ratio	Lower	Upper
225	100		
223	59.5	51.0	76.6
227	63.4	48.6	73.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

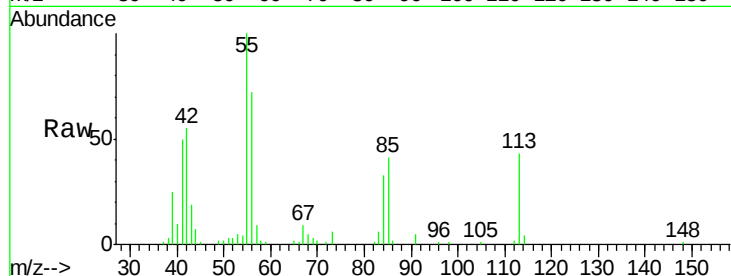




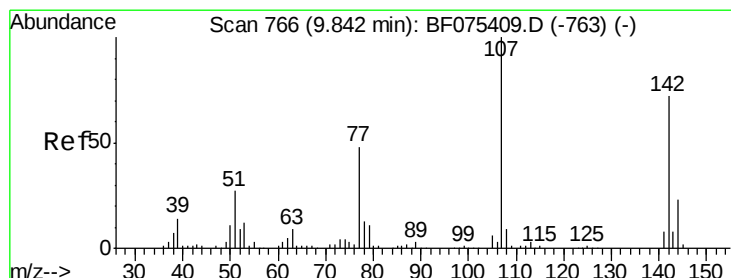
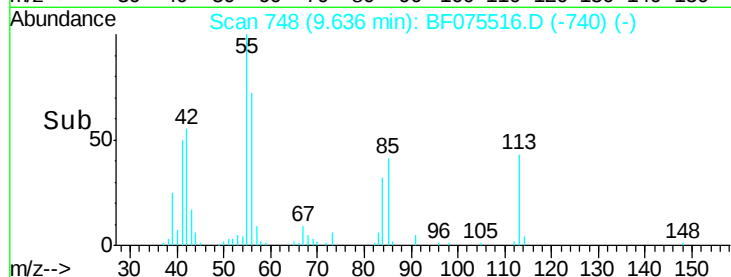
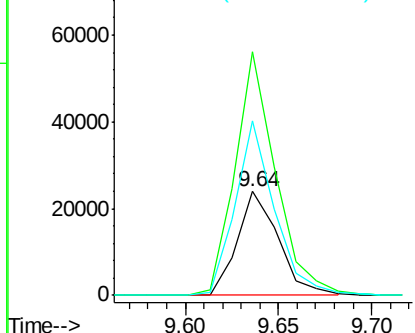
#35
 Caprolactam
 Concen: 43.63 ng
 RT: 9.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Instrument :
 BNA_F
 ClientSampleId :
 PB80204BS

Tgt Ion:113 Resp: 36730
 Ion Ratio Lower Upper
 113 100
 55 234.6 226.9 266.9
 56 168.3 148.4 188.4

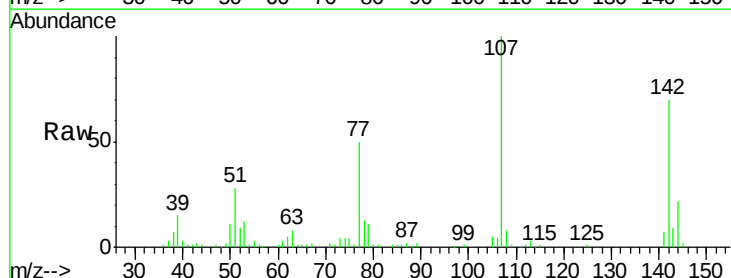


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

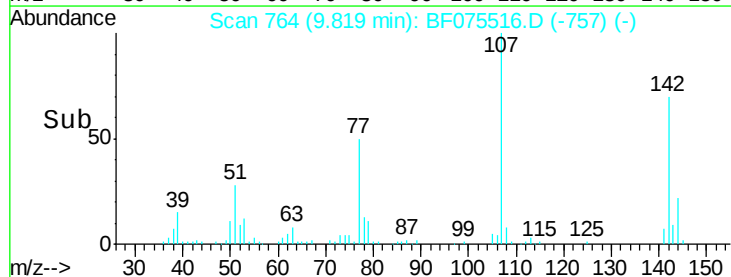
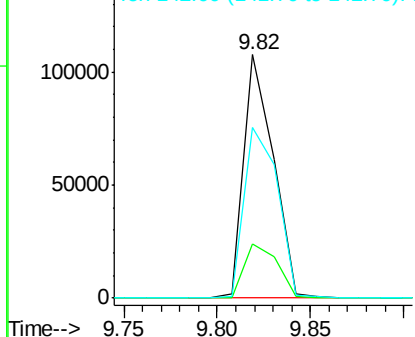


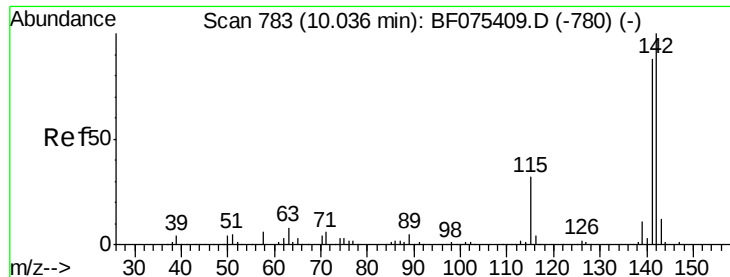
#36
 4-Chloro-3-methylphenol
 Concen: 42.70 ng
 RT: 9.82 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion:107 Resp: 119031
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.1 28.7
 142 70.2 62.9 94.3



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

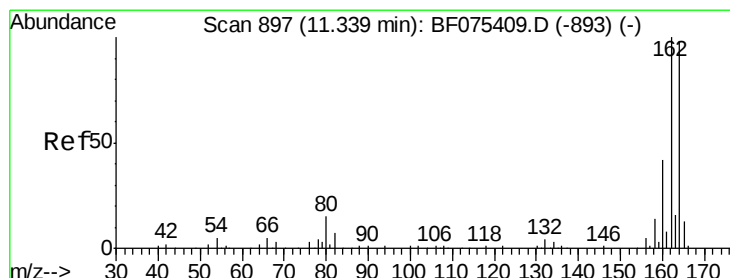
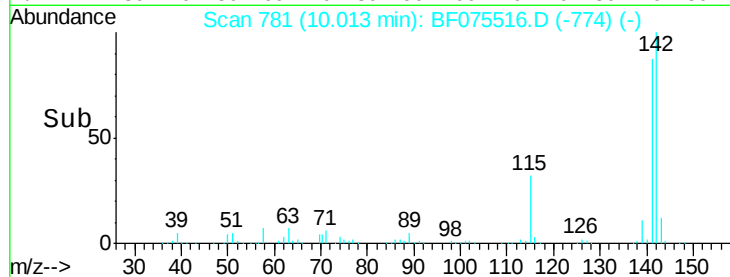
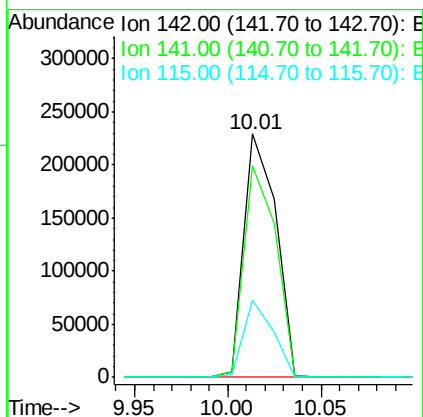
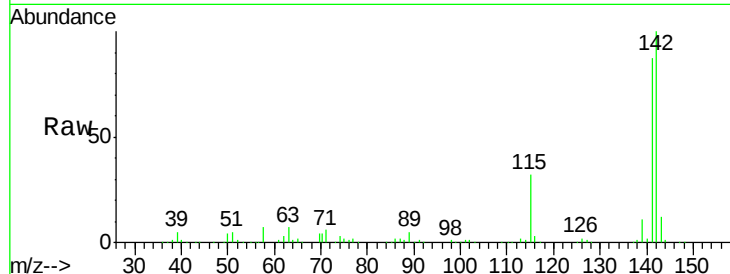




#37
2-Methylnaphthalene
Concen: 43.87 ng
RT: 10.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

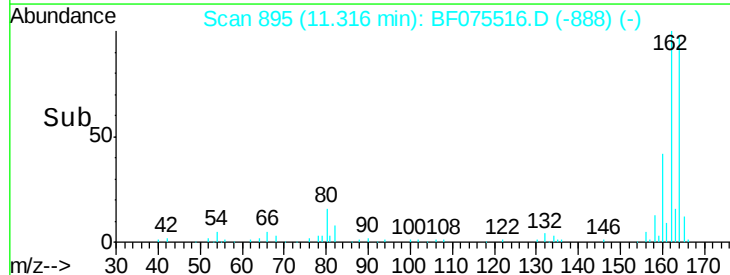
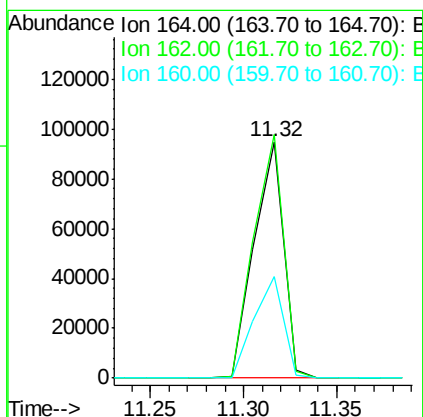
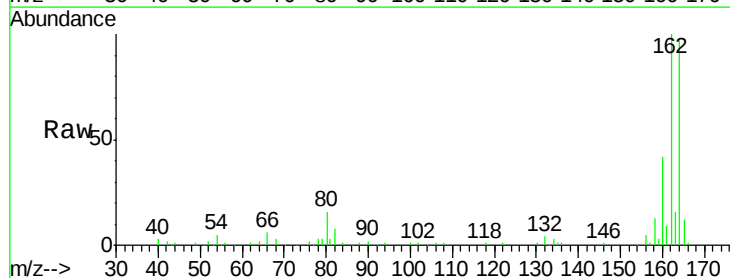
Instrument :
BNA_F
ClientSampleId :
PB80204BS

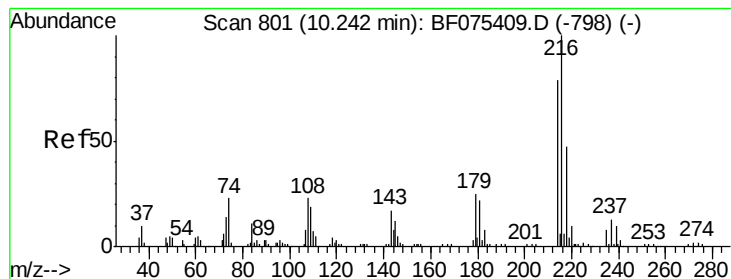
Tgt Ion:142 Resp: 277209
Ion Ratio Lower Upper
142 100
141 86.7 69.9 104.9
115 31.9 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion:164 Resp: 102963
Ion Ratio Lower Upper
164 100
162 103.1 79.1 118.7
160 42.8 34.6 51.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.05 ng

RT: 10.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS

Tgt Ion:216 Resp: 101694

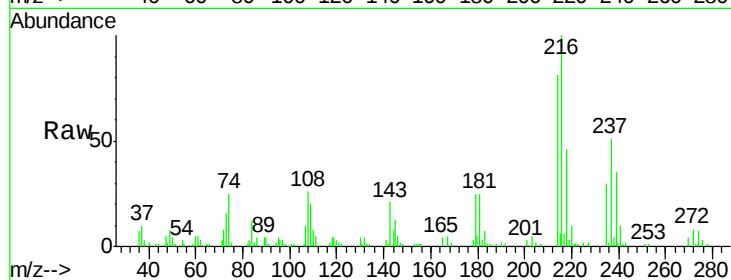
Ion Ratio Lower Upper

216 100

214 80.2 62.8 94.2

179 22.5 18.7 28.1

108 24.7 18.1 27.1

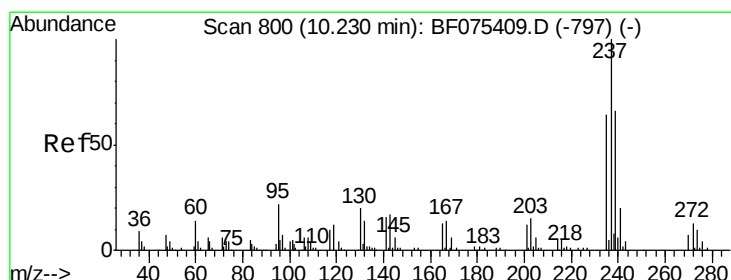
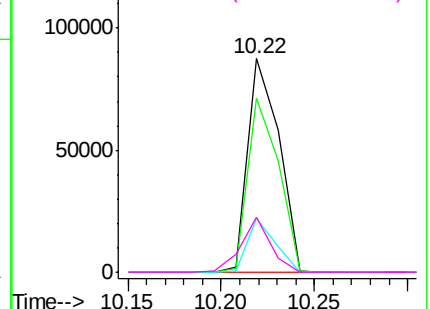
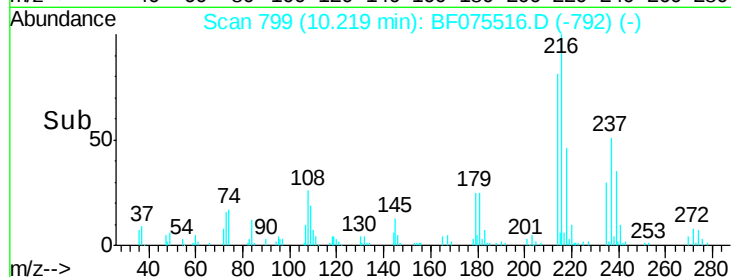


Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.22 ng

RT: 10.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

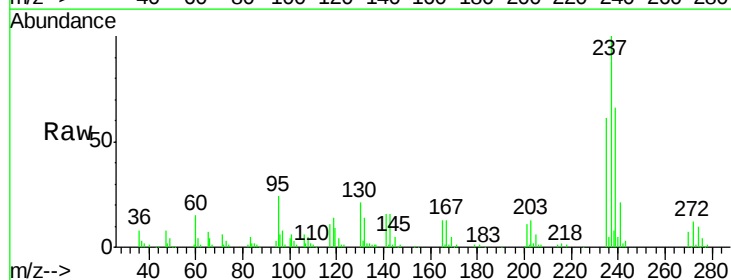
Tgt Ion:237 Resp: 131428

Ion Ratio Lower Upper

237 100

235 61.3 45.7 85.7

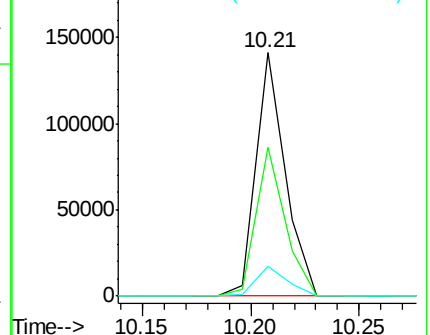
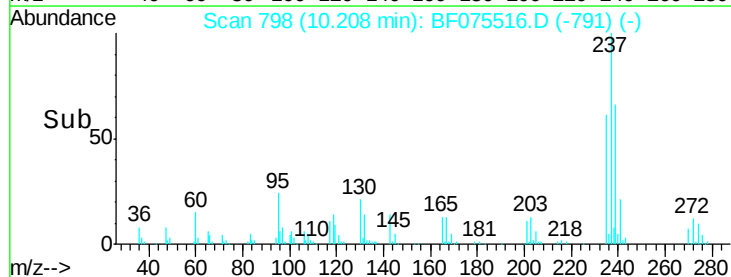
272 12.3 0.0 32.6

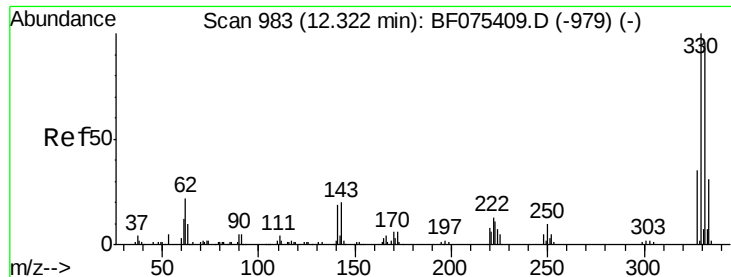


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

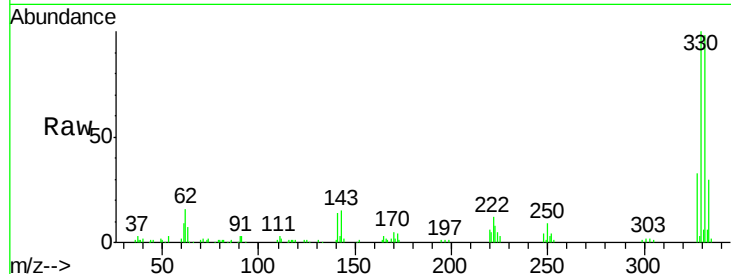




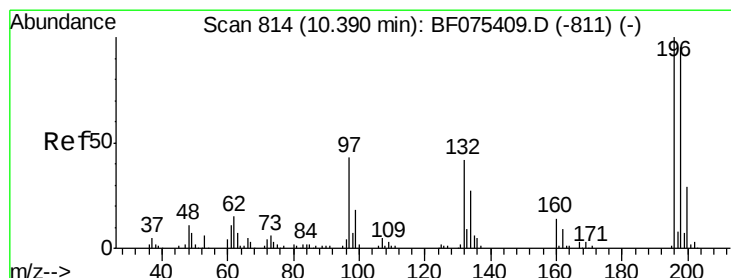
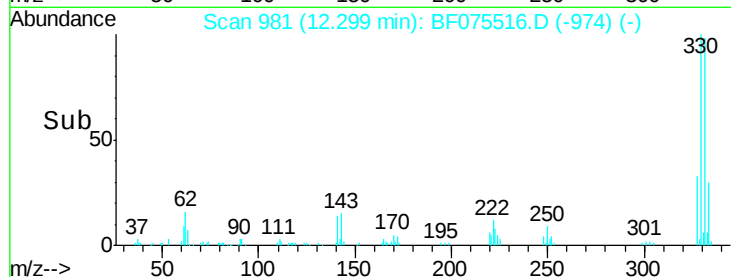
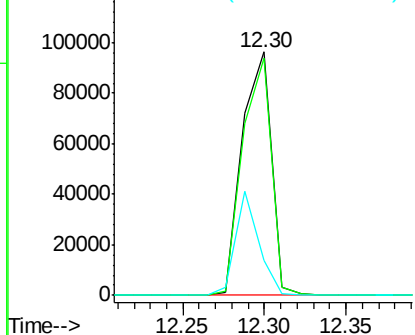
#41
 2,4,6-Tribromophenol
 Concen: 138.26 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Instrument :
 BNA_F
 ClientSampleId :
 PB80204BS

Tgt Ion:330 Resp: 119230
 Ion Ratio Lower Upper
 330 100
 332 96.8 74.5 111.7
 141 34.0 30.7 46.1

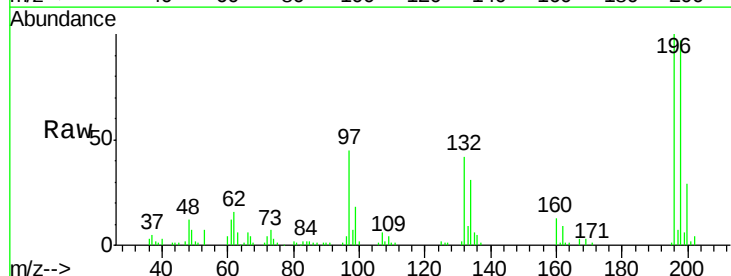


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

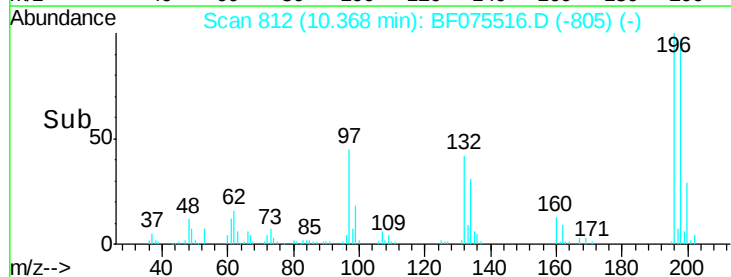
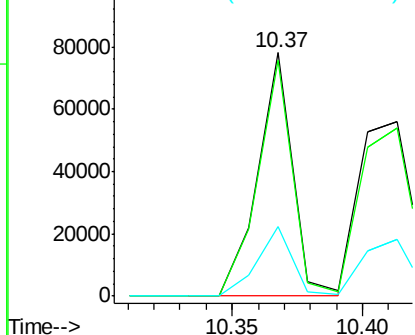


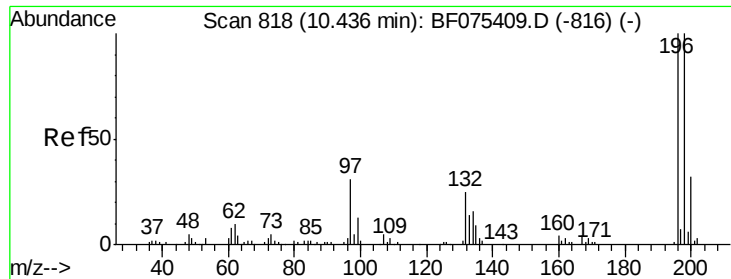
#42
 2,4,6-Trichlorophenol
 Concen: 43.21 ng
 RT: 10.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion:196 Resp: 72730
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 200 28.7 23.4 35.0



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

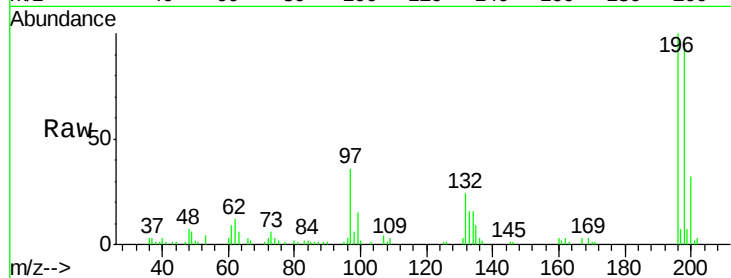




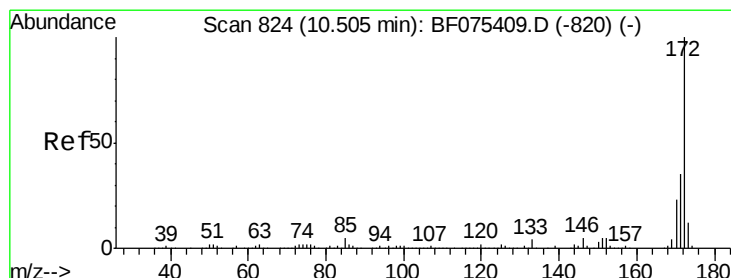
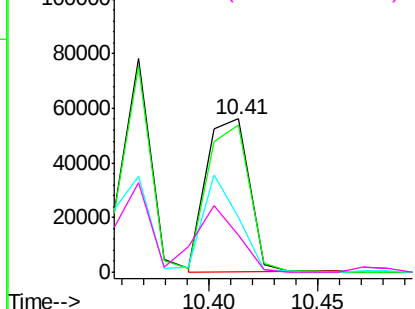
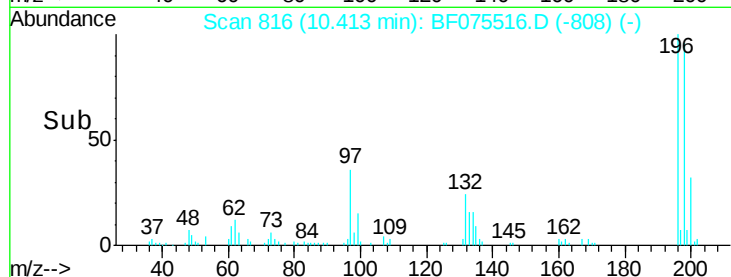
#43
 2,4,5-Trichlorophenol
 Concen: 43.54 ng
 RT: 10.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Instrument :
 BNA_F
 ClientSampleID :
 PB80204BS

Tgt Ion:196 Resp: 76332
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.2 117.4
 97 35.8 29.9 44.9
 132 23.9 22.2 33.2

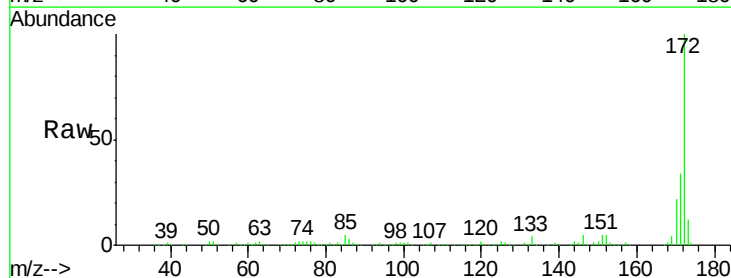


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

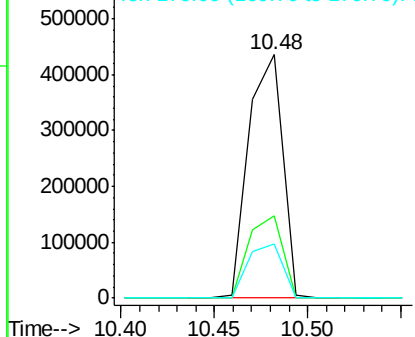
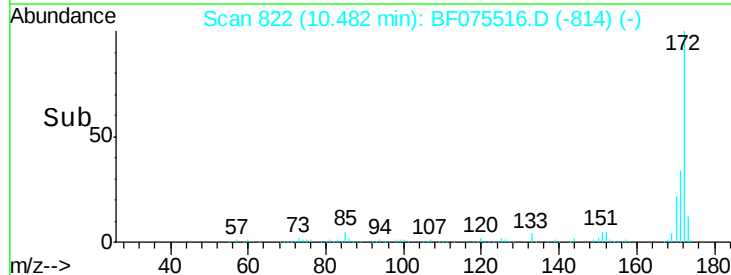


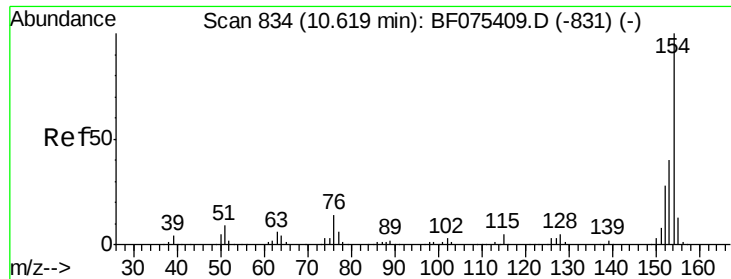
#44
 2-Fluorobiphenyl
 Concen: 96.52 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion:172 Resp: 549999
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.3 40.9
 170 22.1 18.4 27.6



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

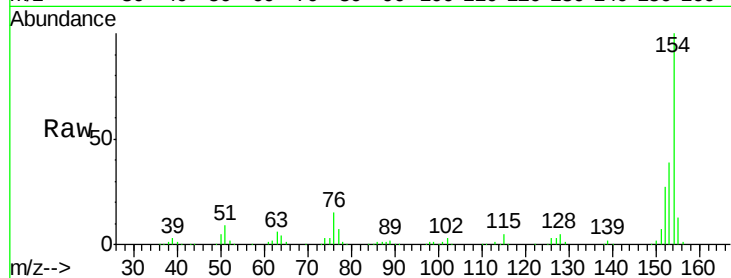




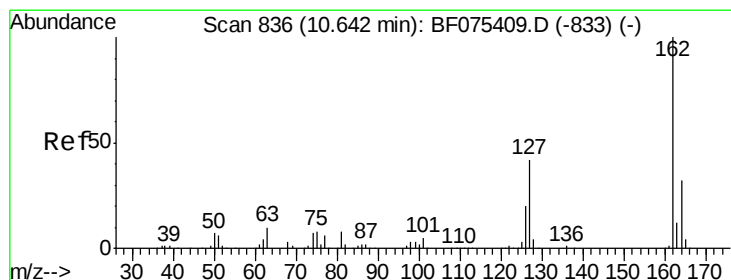
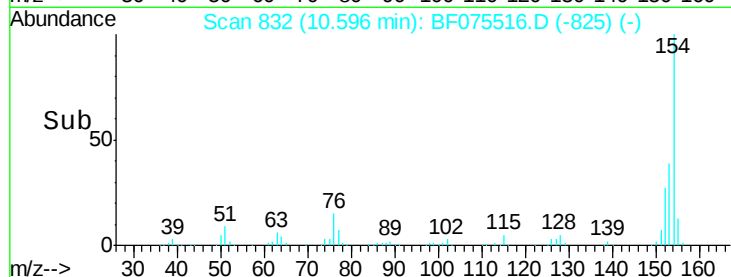
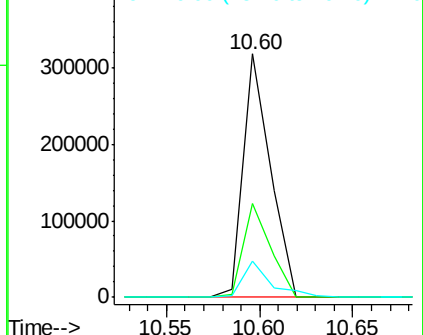
#45
 1,1'-Biphenyl
 Concen: 46.34 ng
 RT: 10.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Instrument :
 BNA_F
 ClientSampleId :
 PB80204BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.5	19.3	59.3
76	14.7	0.0	35.0

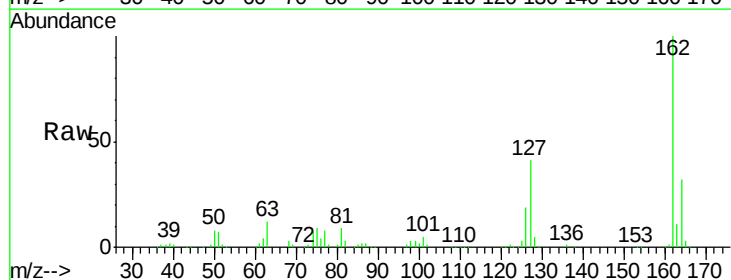


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

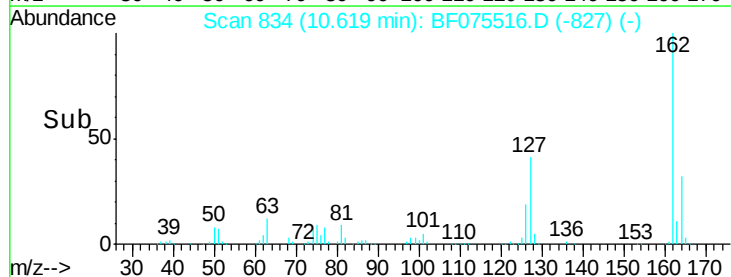
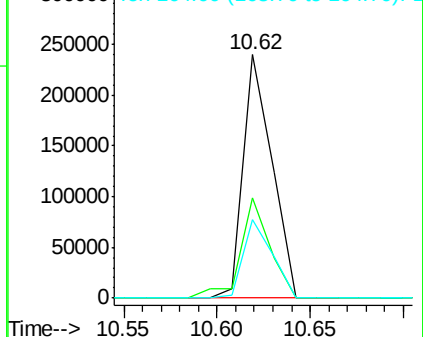


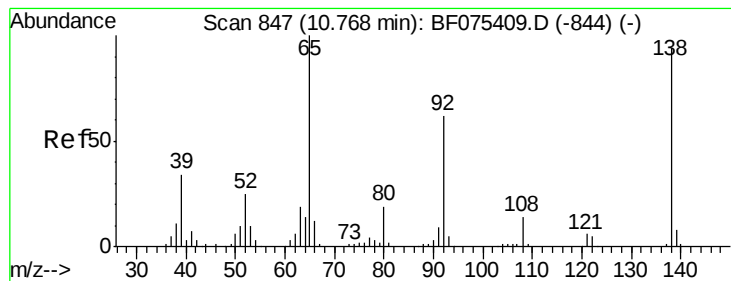
#46
 2-Chloronaphthalene
 Concen: 47.30 ng
 RT: 10.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	34.6	51.8
164	32.3	25.1	37.7



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: 49.21 ng

RT: 10.74 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS

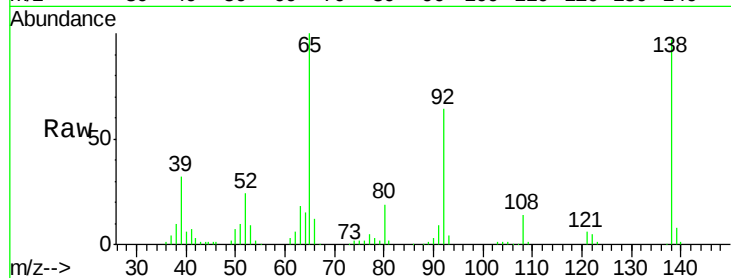
Tgt Ion: 65 Resp: 80406

Ion Ratio Lower Upper

65 100

92 63.5 46.7 70.1

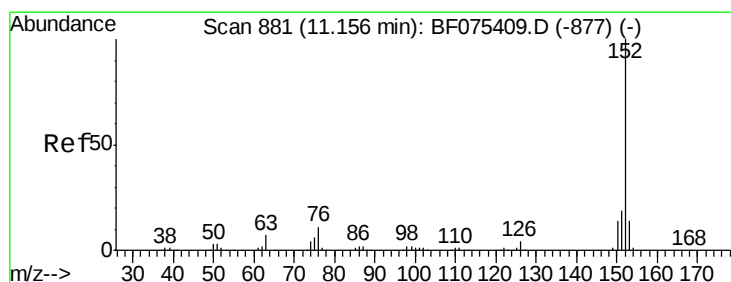
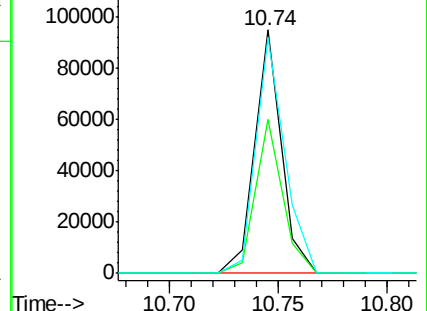
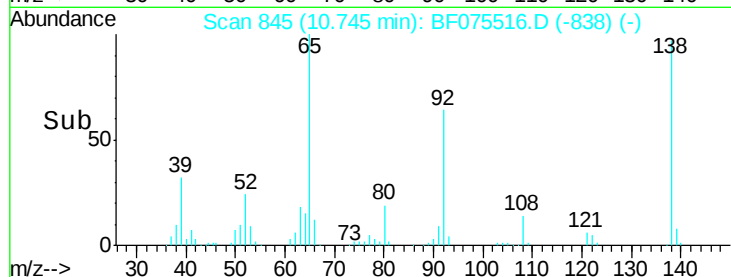
138 97.1 62.8 94.2#



Abundance Ion 65.00 (64.70 to 65.70): BF075409.D (-844) (-)

Ion 92.00 (91.70 to 92.70): BF075409.D (-844) (-)

Ion 138.00 (137.70 to 138.70): BF075409.D (-844) (-)



#48

Acenaphthylene

Concen: 48.27 ng

RT: 11.13 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

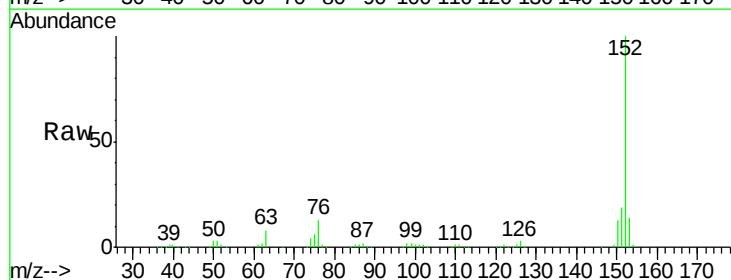
Tgt Ion: 152 Resp: 432226

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.2

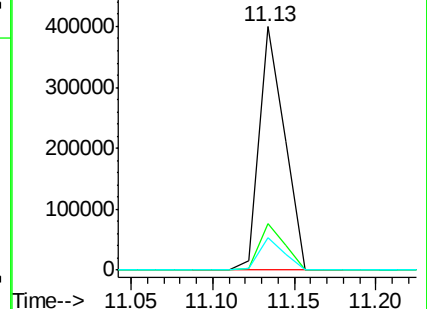
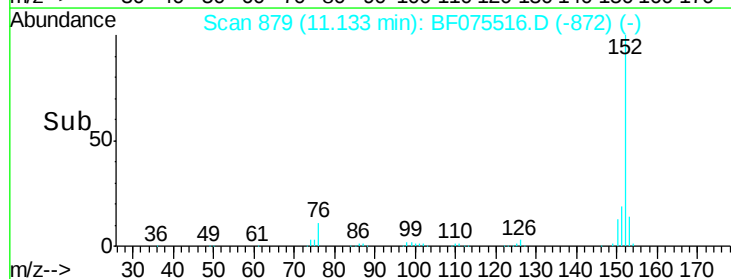
153 13.5 10.0 15.0

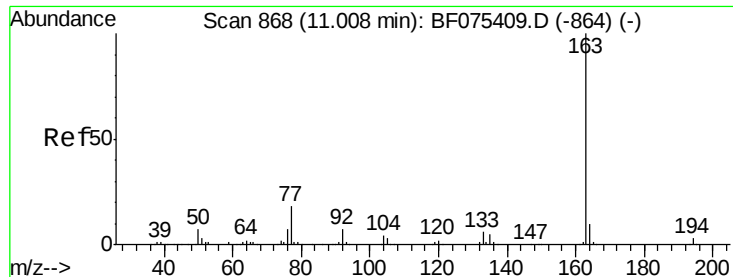


Abundance Ion 152.00 (151.70 to 152.70): BF075409.D (-877) (-)

Ion 151.00 (150.70 to 151.70): BF075409.D (-877) (-)

Ion 153.00 (152.70 to 153.70): BF075409.D (-877) (-)

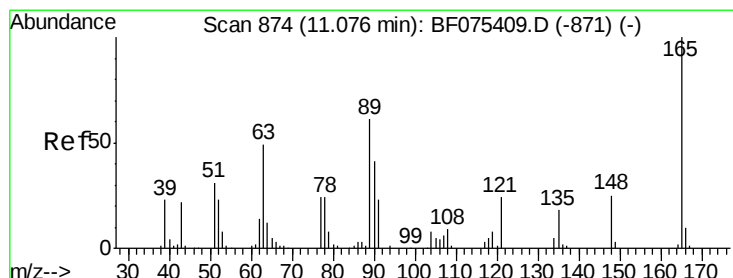
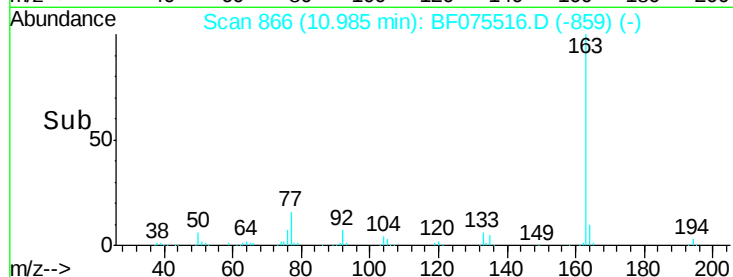
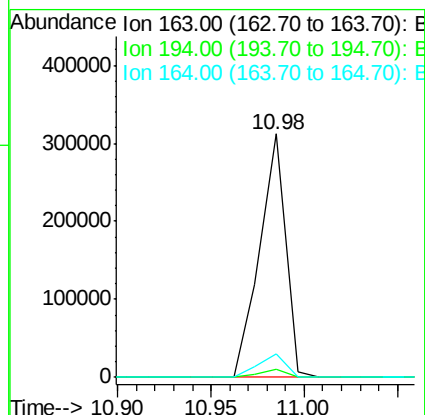
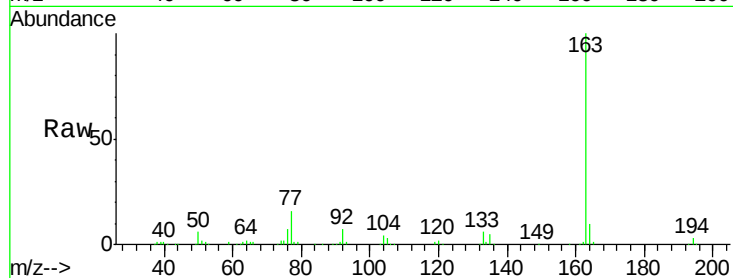




#49
Dimethylphthalate
Concen: 42.72 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

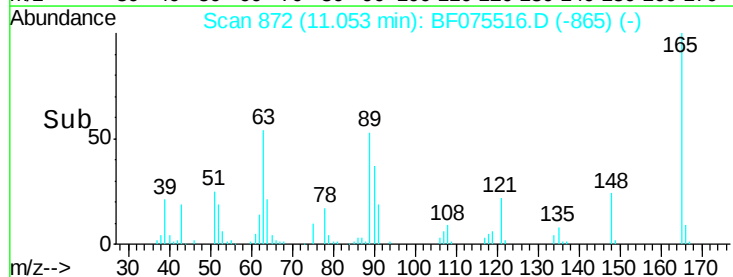
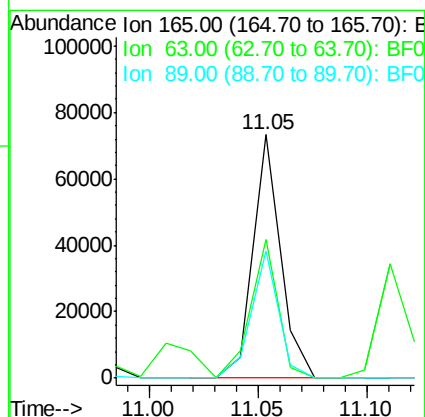
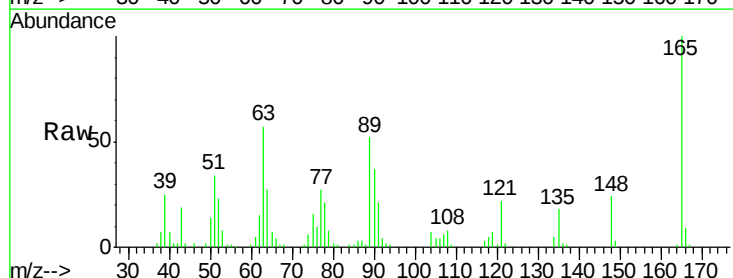
Instrument :
BNA_F
ClientSampleId :
PB80204BS

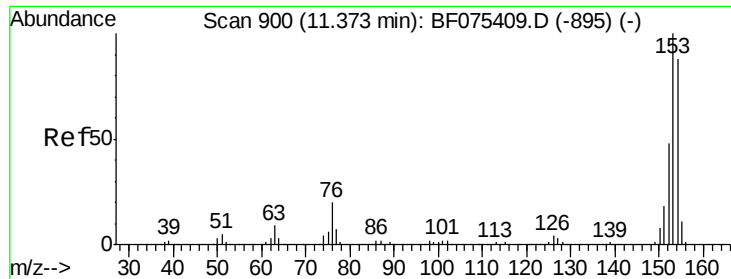
Tgt Ion:163 Resp: 300647
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.8 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 46.45 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion:165 Resp: 64396
Ion Ratio Lower Upper
165 100
63 56.8 61.2 91.8#
89 52.3 52.5 78.7#

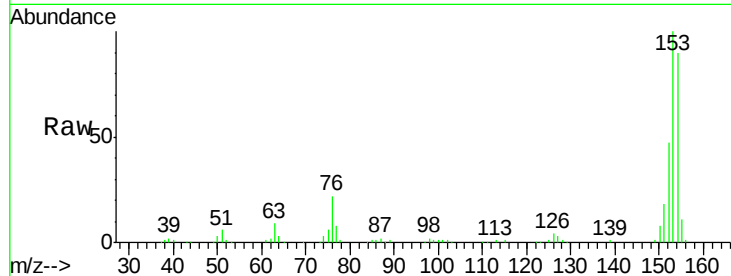




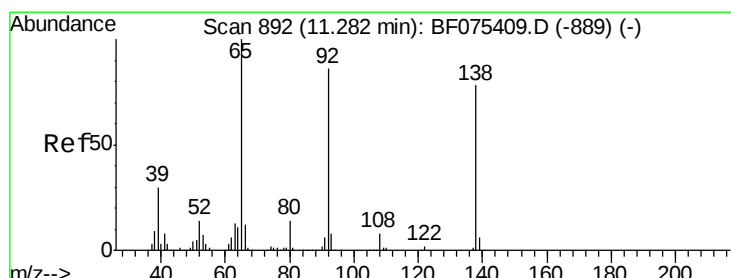
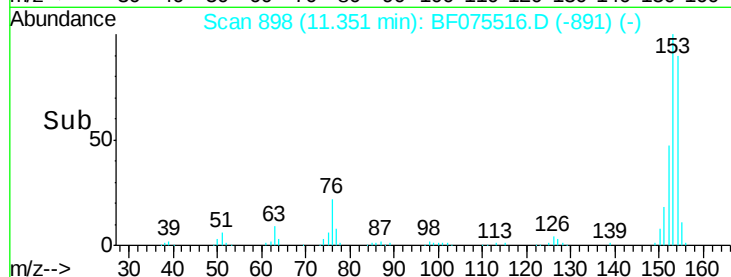
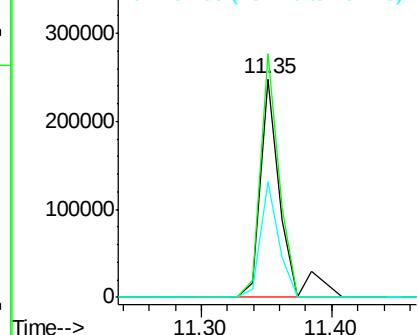
#51
Acenaphthene
Concen: 50.90 ng
RT: 11.35 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Instrument :
BNA_F
ClientSampleId :
PB80204BS

Tgt Ion:154 Resp: 275088
Ion Ratio Lower Upper
154 100
153 111.4 91.2 136.8
152 52.7 43.4 65.0

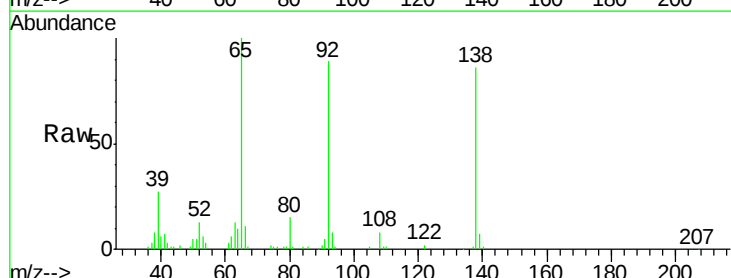


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

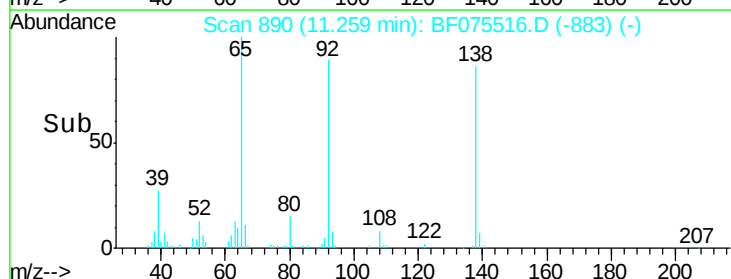
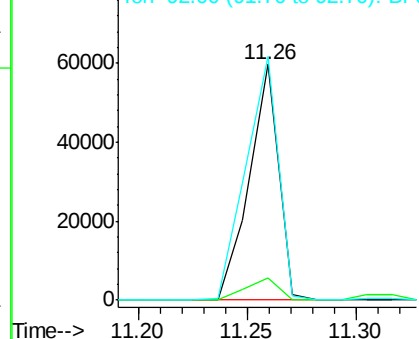


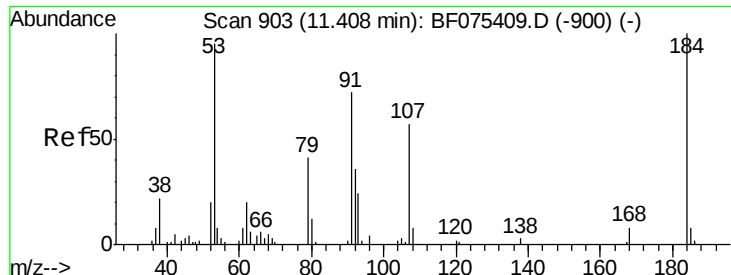
#52
3-Nitroaniline
Concen: 34.10 ng
RT: 11.26 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion:138 Resp: 55751
Ion Ratio Lower Upper
138 100
108 9.5 10.2 15.2#
92 103.3 91.0 136.6



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

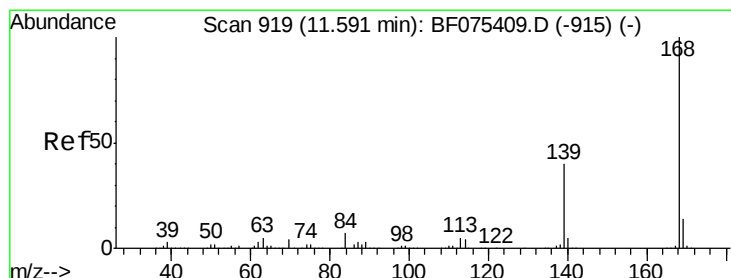
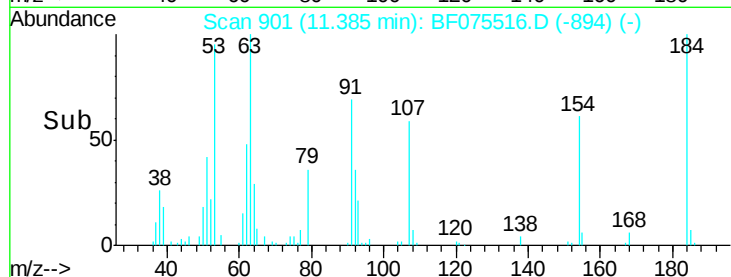
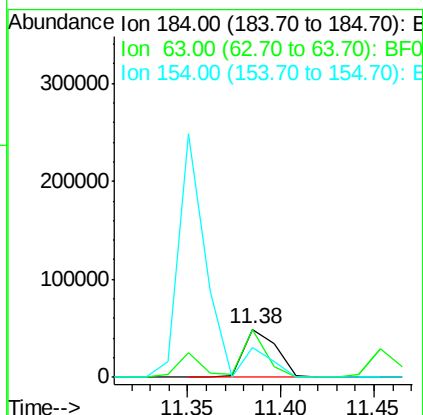
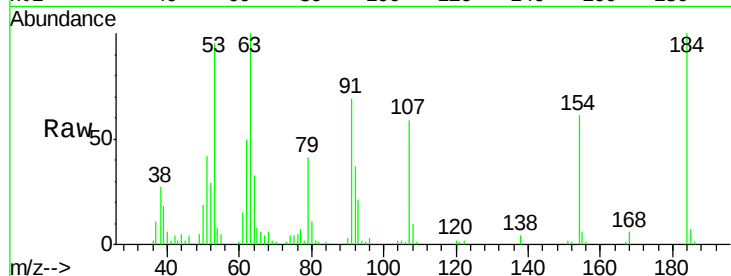




#53
2,4-Dinitrophenol
Concen: 77.40 ng
RT: 11.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

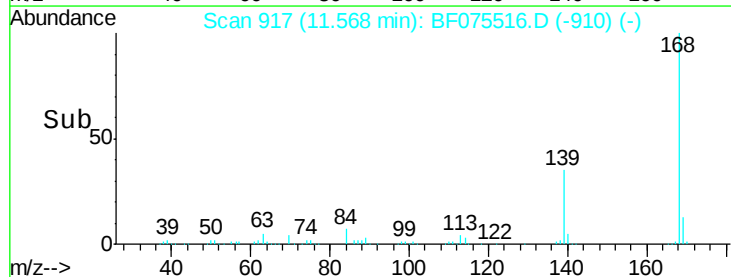
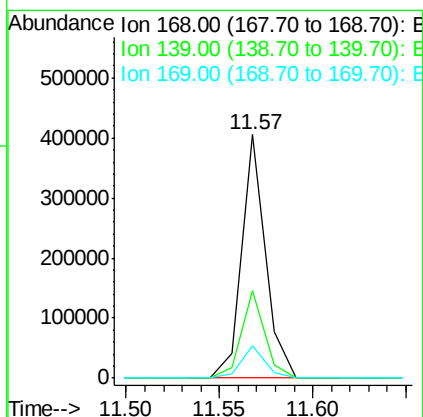
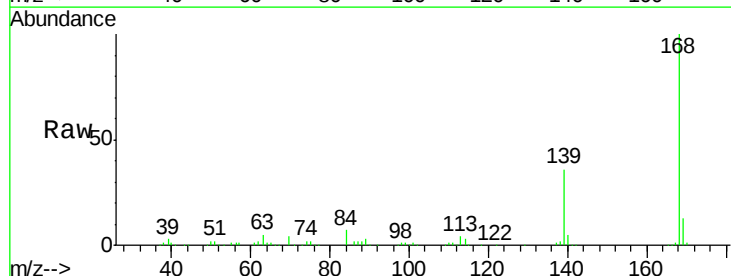
Instrument :
BNA_F
ClientSampleId :
PB80204BS

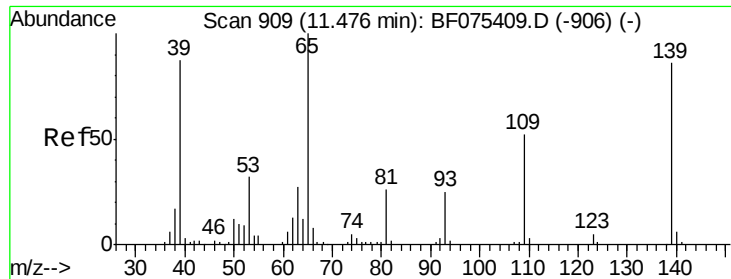
Tgt Ion:184 Resp: 59268
Ion Ratio Lower Upper
184 100
63 99.6 96.3 144.5
154 61.2 56.2 84.4



#54
Dibenzofuran
Concen: 46.53 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion:168 Resp: 359396
Ion Ratio Lower Upper
168 100
139 35.8 33.0 49.4
169 13.5 10.8 16.2

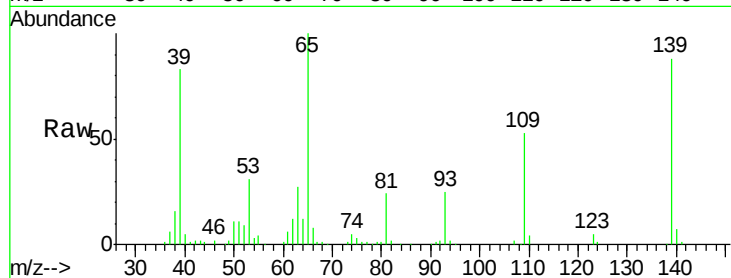




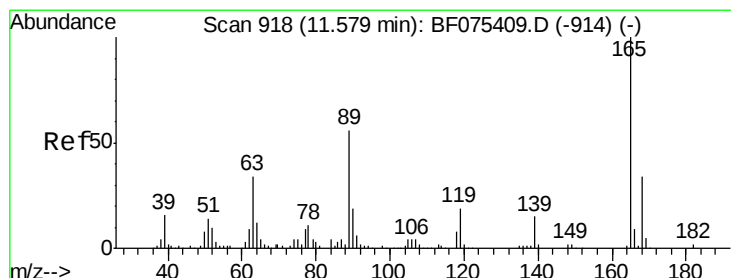
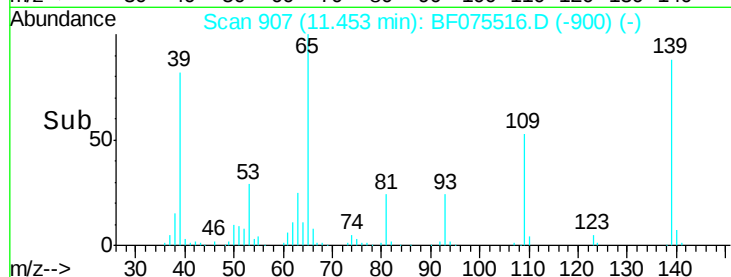
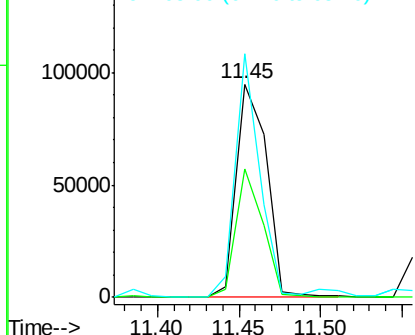
#55
4-Nitrophenol
Concen: 93.28 ng
RT: 11.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Instrument :
BNA_F
ClientSampleId :
PB80204BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.3	45.8	85.8
65	114.2	94.8	134.8



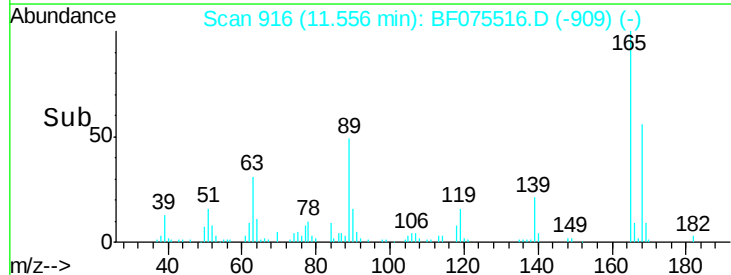
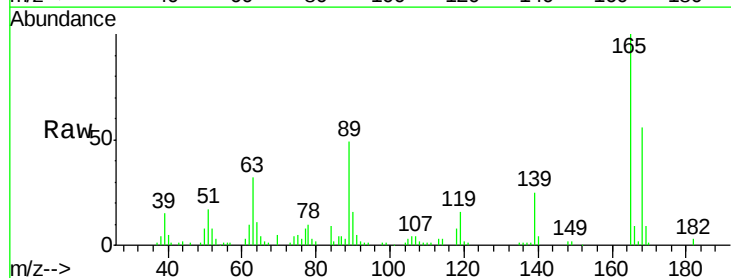
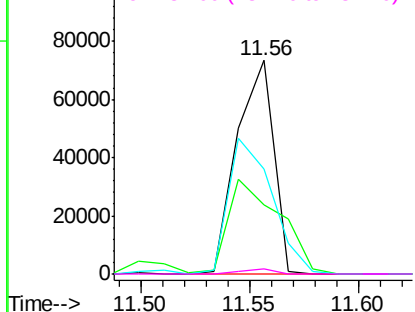
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

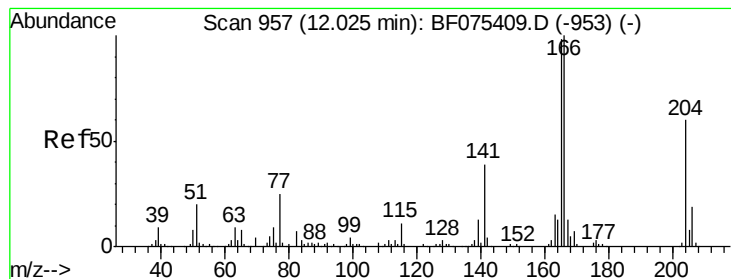


#56
2,4-Dinitrotoluene
Concen: 47.01 ng
RT: 11.56 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.2	27.0	40.6
89	49.2	47.8	71.6
182	2.6	1.7	2.5#

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.06 ng

RT: 11.99 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS

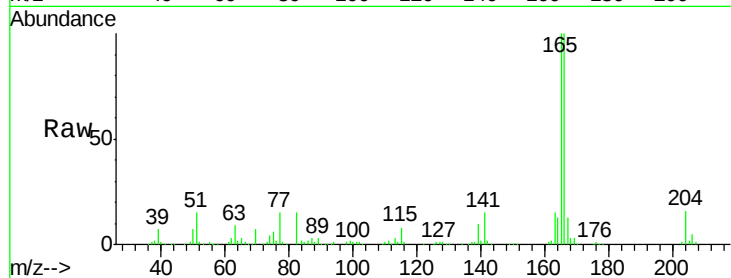
Tgt Ion:166 Resp: 287706

Ion Ratio Lower Upper

166 100

165 99.9 78.8 118.2

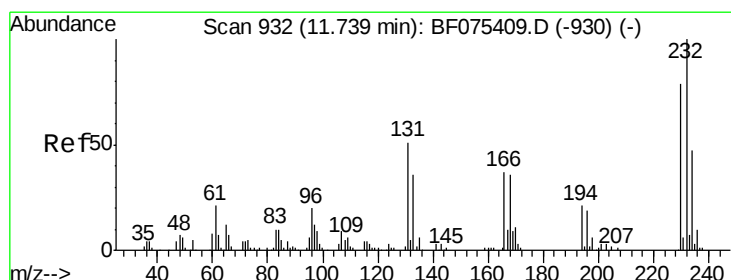
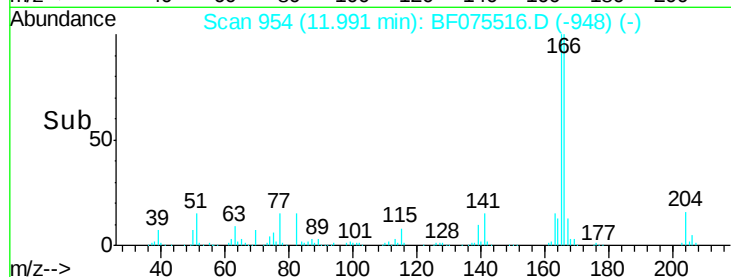
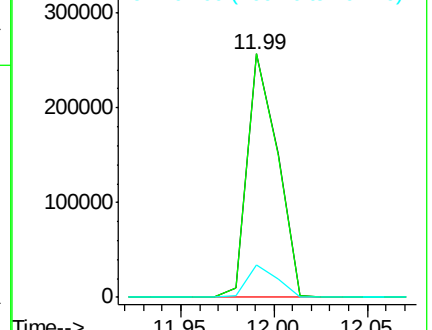
167 13.3 10.6 15.8



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: 45.28 ng

RT: 11.72 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Tgt Ion:232 Resp: 62997

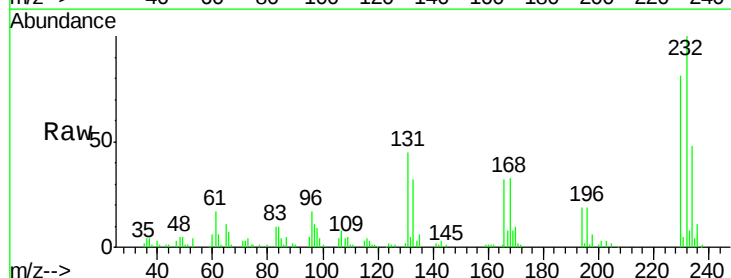
Ion Ratio Lower Upper

232 100

131 50.6 44.6 67.0

130 2.3 2.5 3.7#

166 33.6 29.3 43.9

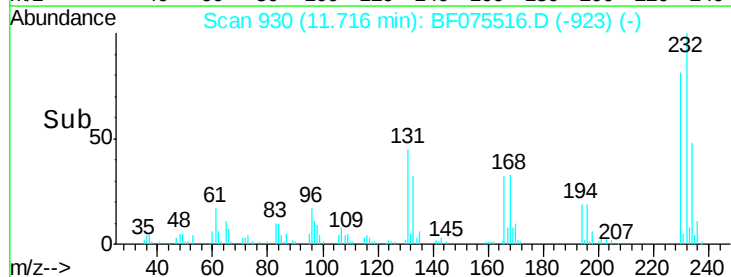
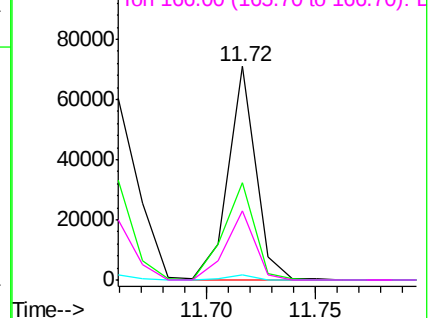


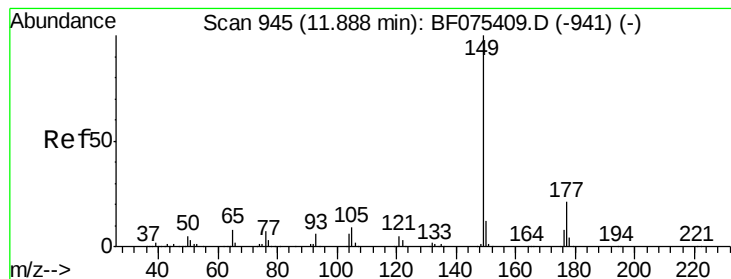
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.76 ng

RT: 11.86 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS

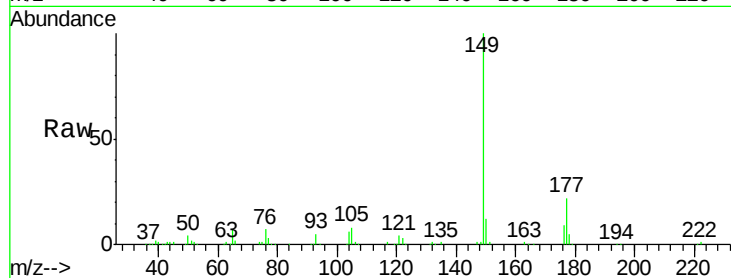
Tgt Ion:149 Resp: 297681

Ion Ratio Lower Upper

149 100

177 22.3 15.8 23.8

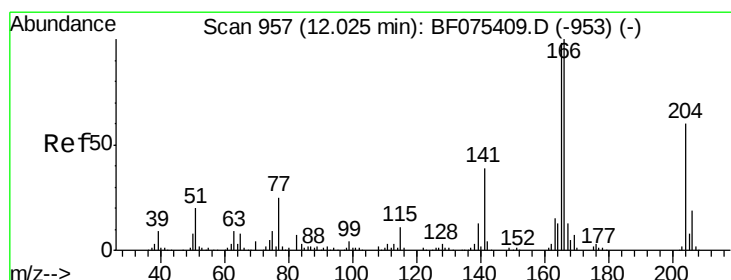
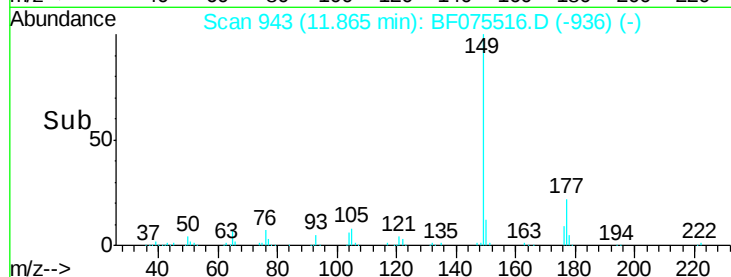
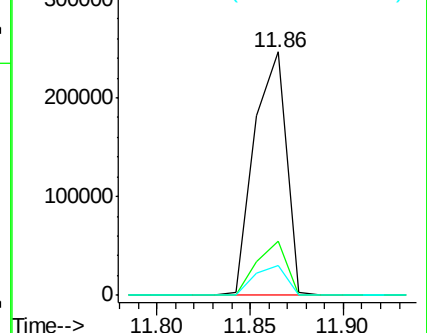
150 12.3 9.9 14.9



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: 45.64 ng

RT: 12.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

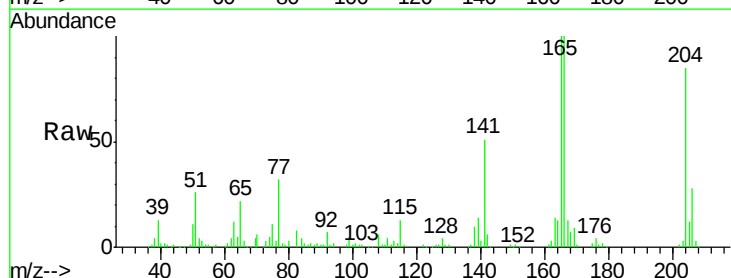
Tgt Ion:204 Resp: 122586

Ion Ratio Lower Upper

204 100

206 32.4 25.1 37.7

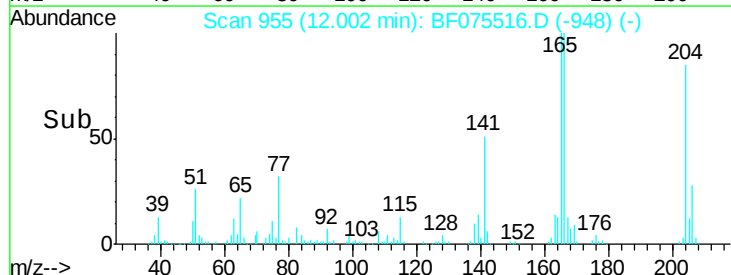
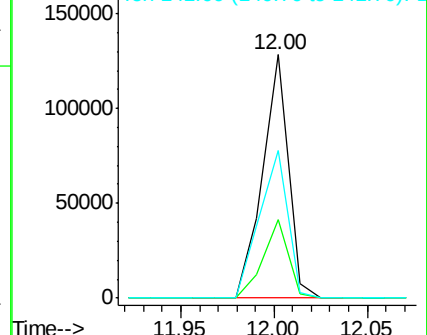
141 60.8 58.6 87.8

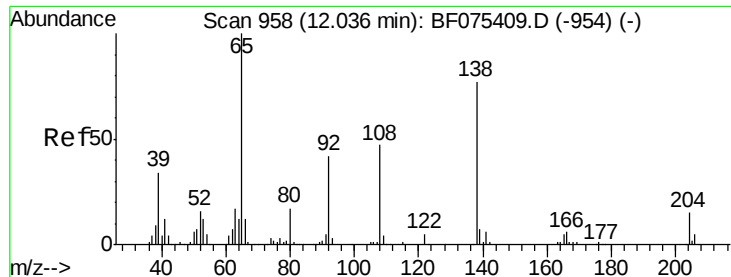


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

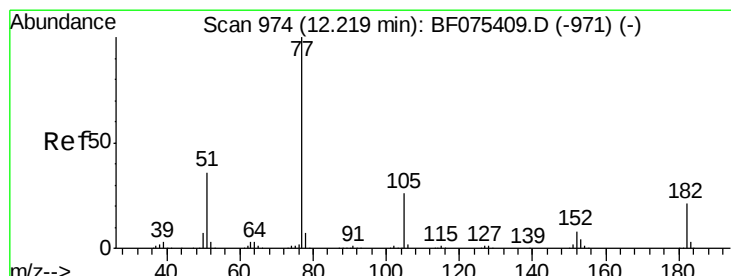
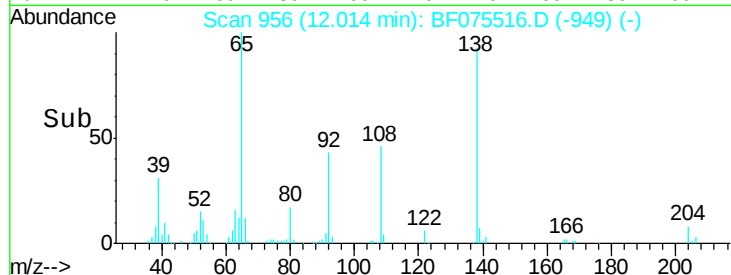
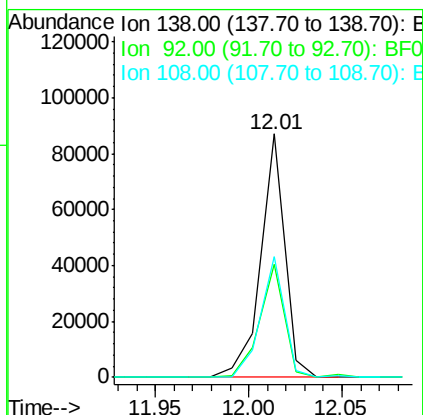
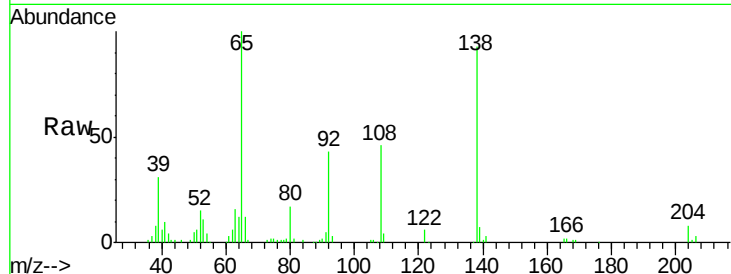




#61
4-Nitroaniline
Concen: 47.09 ng
RT: 12.01 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

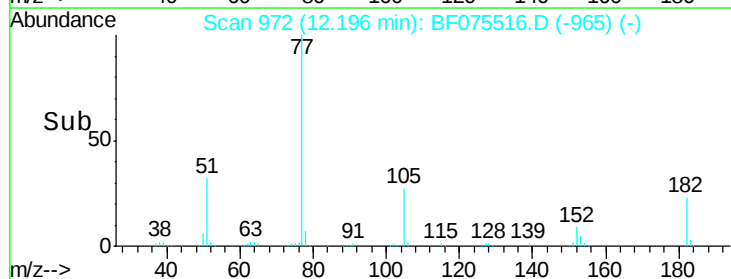
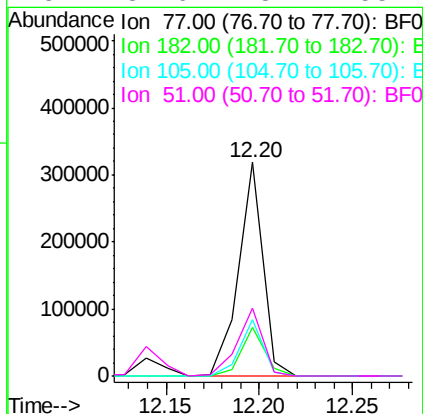
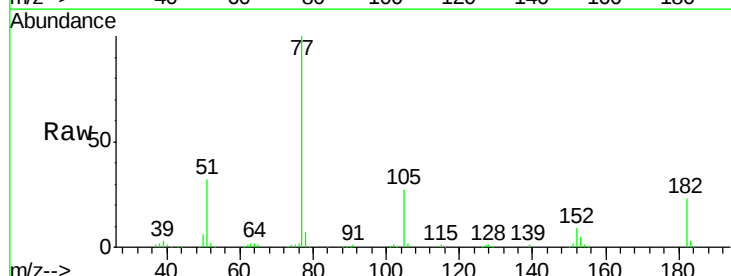
Instrument :
BNA_F
ClientSampleId :
PB80204BS

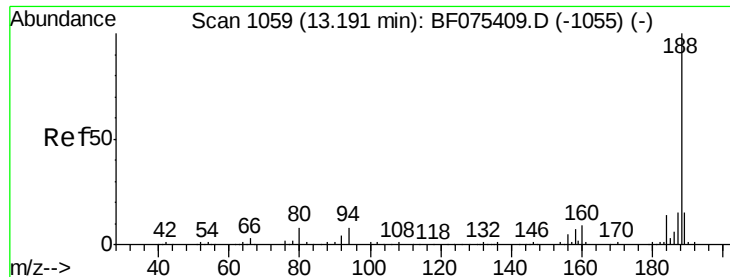
Tgt Ion: 138 Resp: 76957
Ion Ratio Lower Upper
138 100
92 46.3 34.8 74.8
108 49.8 50.6 90.6#



#62
Azobenzene
Concen: 45.48 ng
RT: 12.20 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion: 77 Resp: 292230
Ion Ratio Lower Upper
77 100
182 22.7 0.0 37.1
105 26.5 3.7 43.7
51 31.6 18.7 58.7

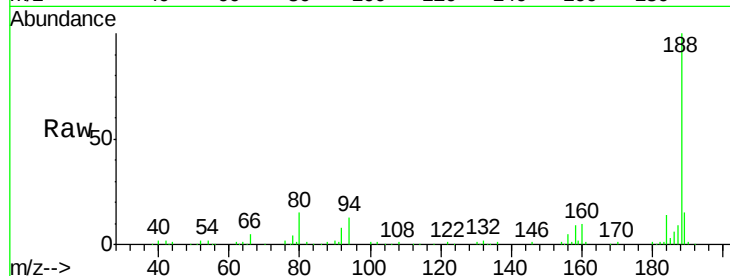




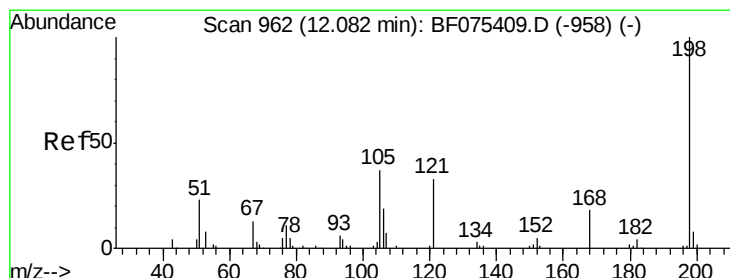
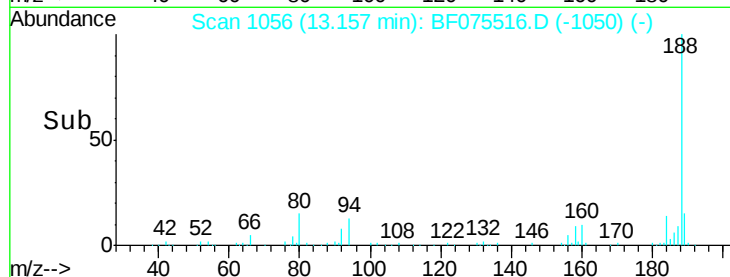
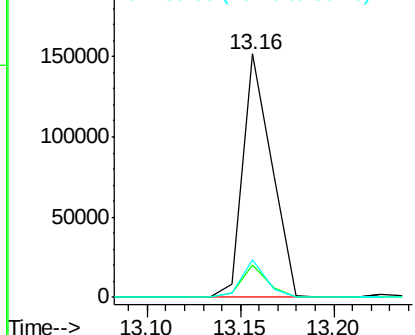
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Instrument :
BNA_F
ClientSampleId :
PB80204BS

Tgt Ion:188 Resp: 162147
Ion Ratio Lower Upper
188 100
94 13.5 7.8 11.6#
80 15.2 8.0 12.0#

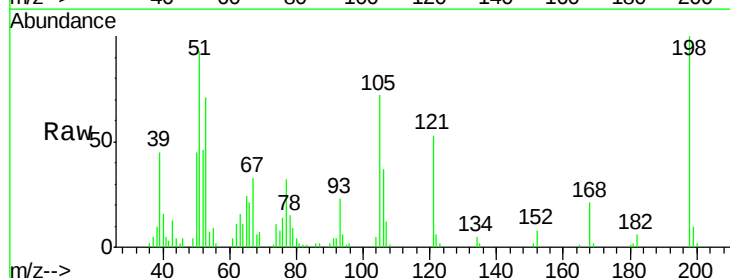


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

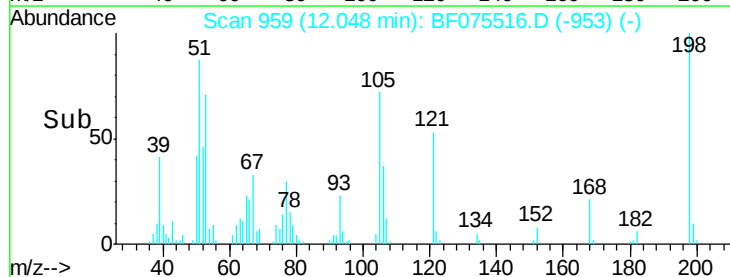
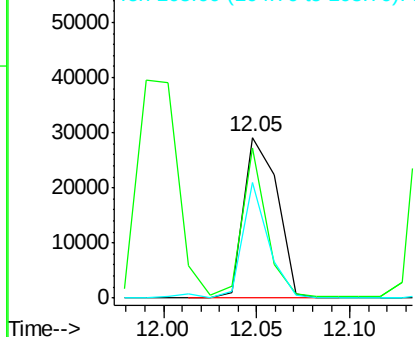


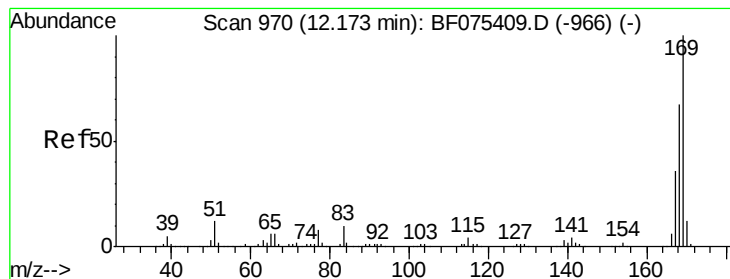
#64
4,6-Dinitro-2-methylphenol
Concen: 44.52 ng
RT: 12.05 min Scan# 959
Delta R.T. -0.03 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion:198 Resp: 36510
Ion Ratio Lower Upper
198 100
51 92.9 26.0 66.0#
105 71.8 24.2 64.2#



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

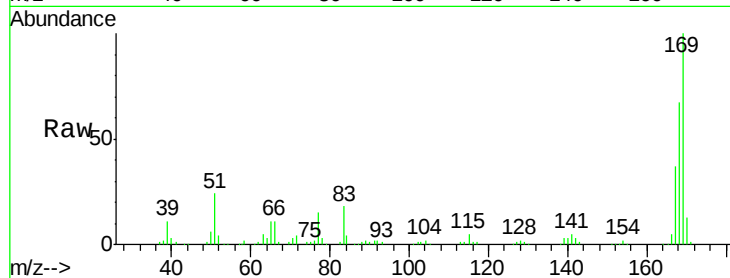




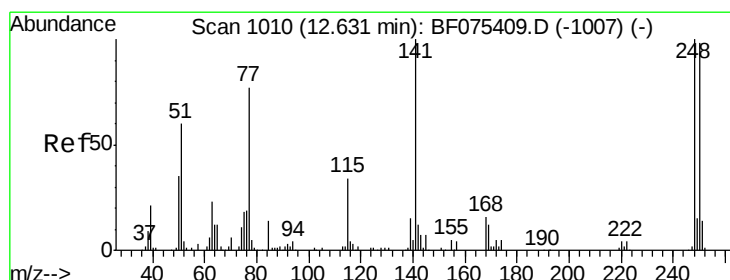
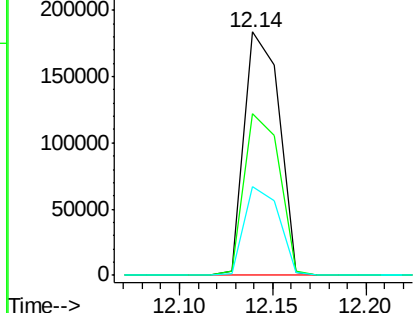
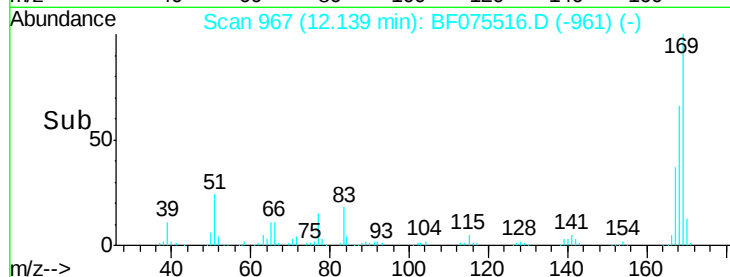
#65
 n-Nitrosodiphenylamine
 Concen: 46.53 ng
 RT: 12.14 min Scan# 967
 Delta R.T. -0.03 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Instrument :
 BNA_F
 ClientSampleId :
 PB80204BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.5	80.3
167	36.7	29.8	44.6

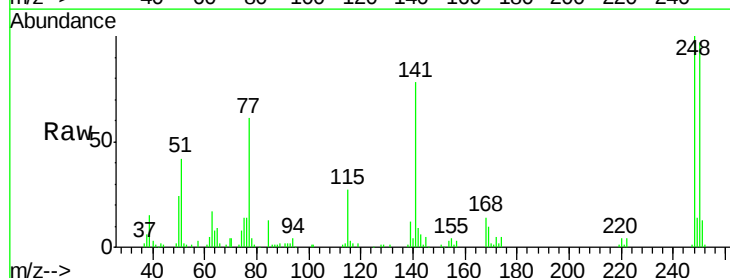


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

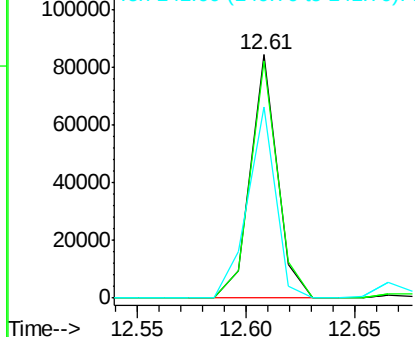
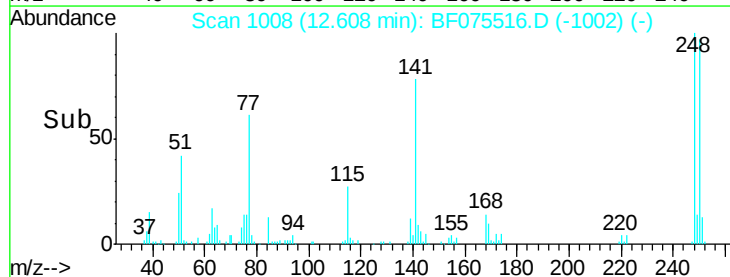


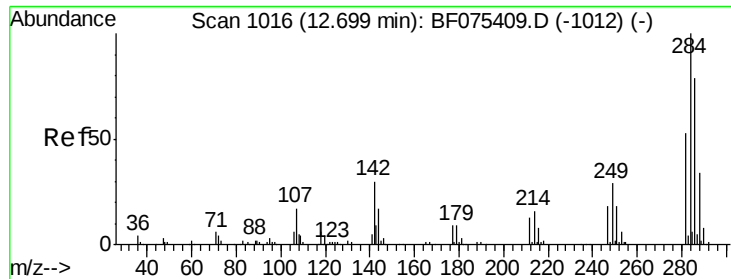
#66
 4-Bromophenyl-phenylether
 Concen: 47.41 ng
 RT: 12.61 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.3	114.5
141	78.4	44.3	66.5



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

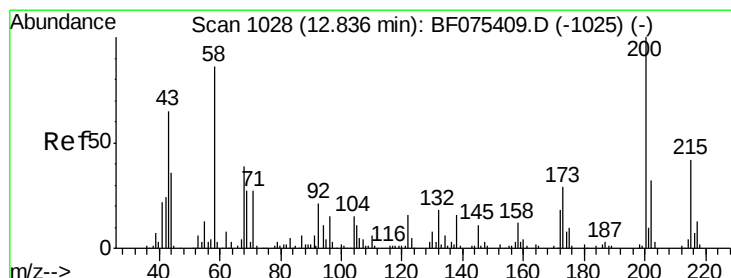
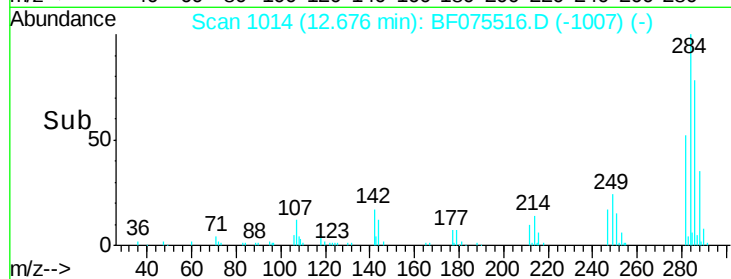
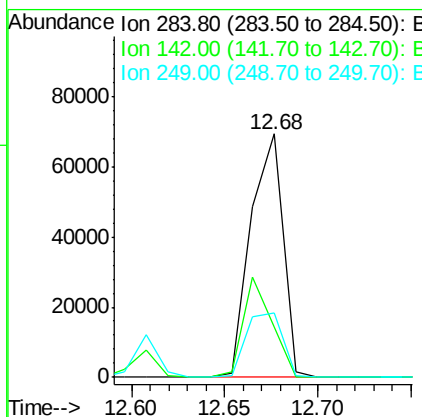
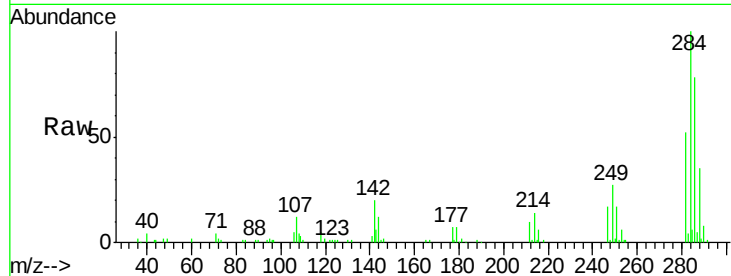




#67
Hexachlorobenzene
Concen: 47.74 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

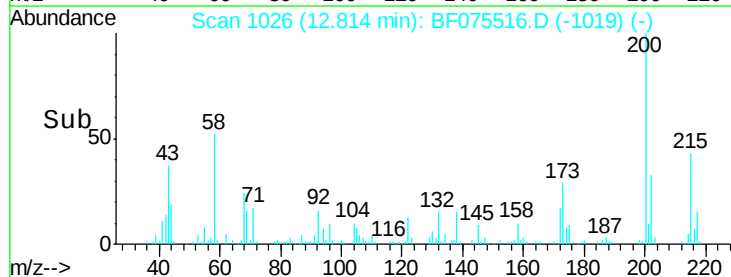
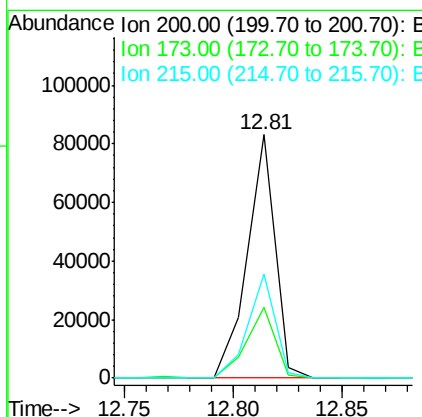
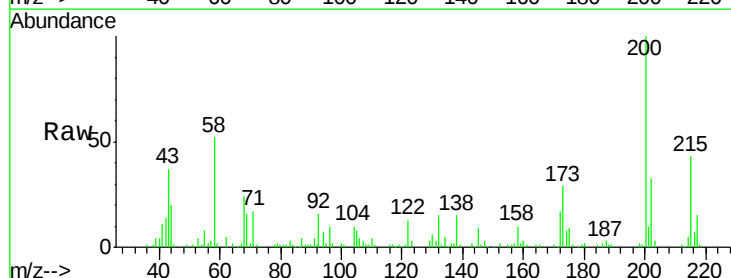
Instrument :
BNA_F
ClientSampleId :
PB80204BS

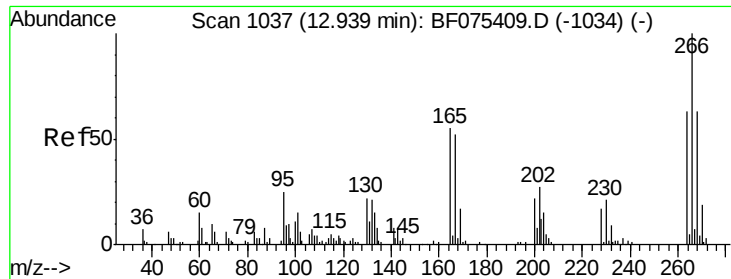
Tgt Ion:284 Resp: 82704
Ion Ratio Lower Upper
284 100
142 20.4 28.7 43.1#
249 26.7 24.1 36.1



#68
Atrazine
Concen: 46.25 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion:200 Resp: 73602
Ion Ratio Lower Upper
200 100
173 29.0 12.3 52.3
215 42.9 23.8 63.8

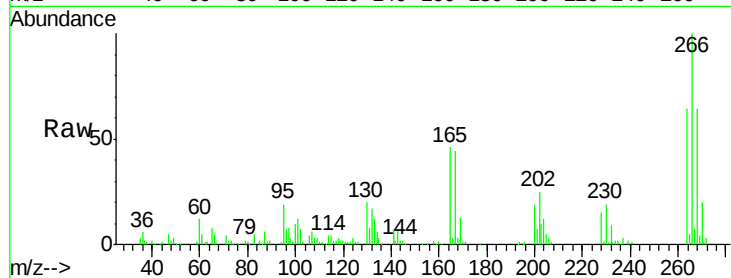




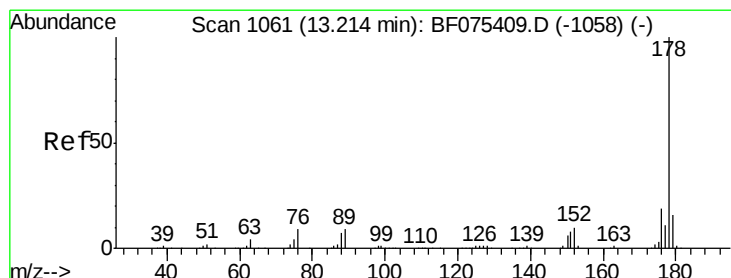
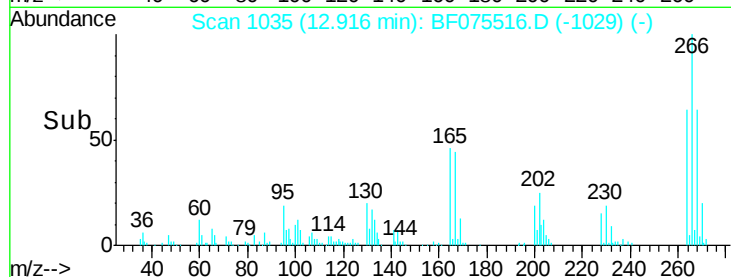
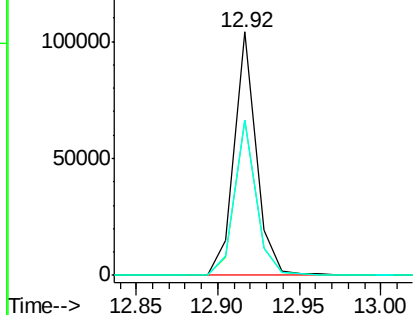
#69
 Pentachlorophenol
 Concen: 89.35 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Instrument :
 BNA_F
 ClientSampled :
 PB80204BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	48.6	73.0
264	64.0	52.1	78.1

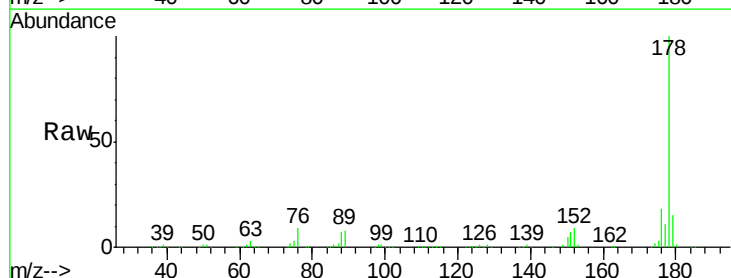


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

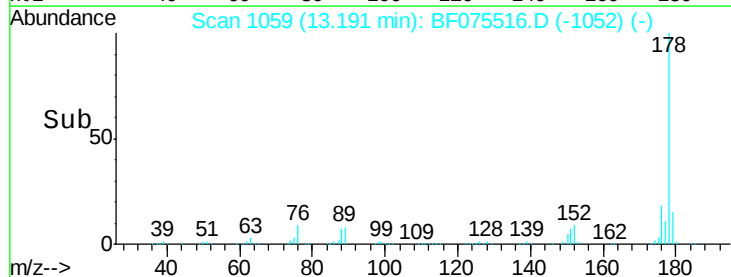
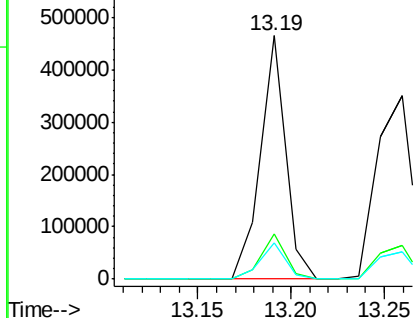


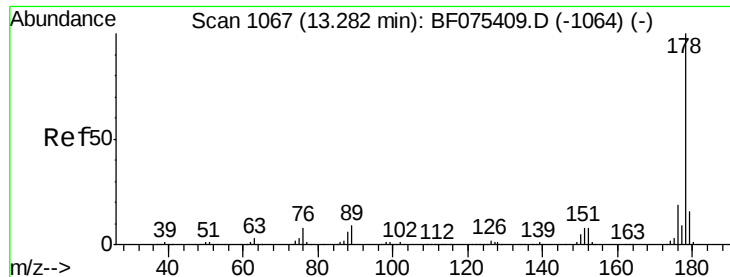
#70
 Phenanthrene
 Concen: 50.83 ng
 RT: 13.19 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	14.7	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

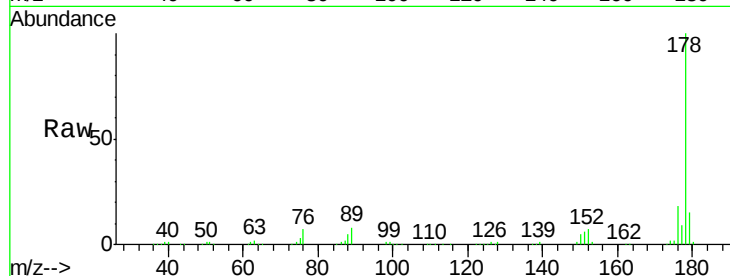




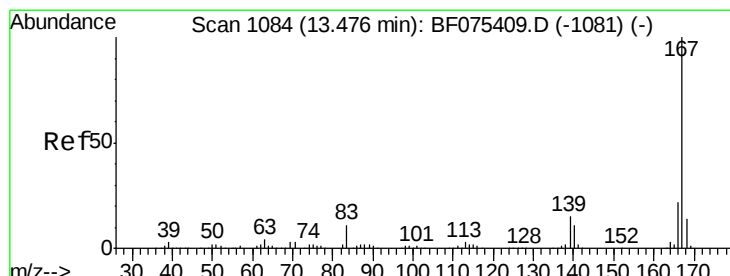
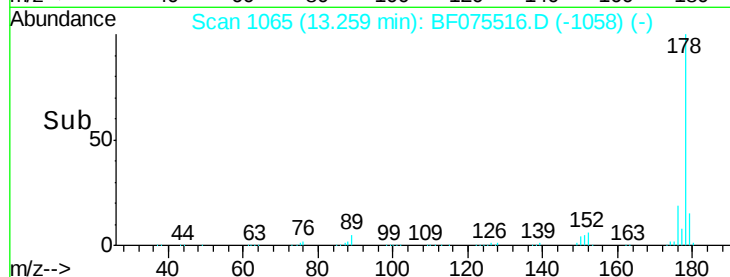
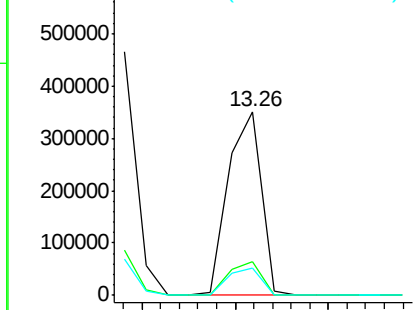
#71
 Anthracene
 Concen: 49.92 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Instrument :
 BNA_F
 ClientSampleId :
 PB80204BS

Tgt Ion:178 Resp: 440313
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.1 22.7
 179 15.2 12.2 18.2

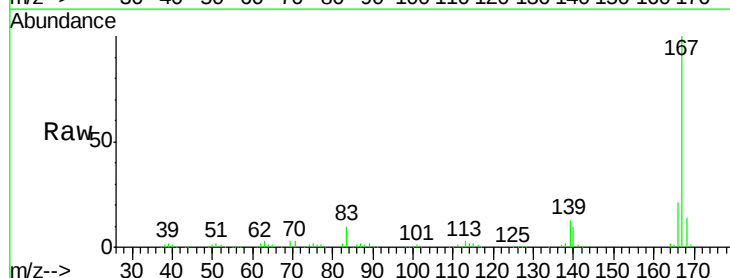


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

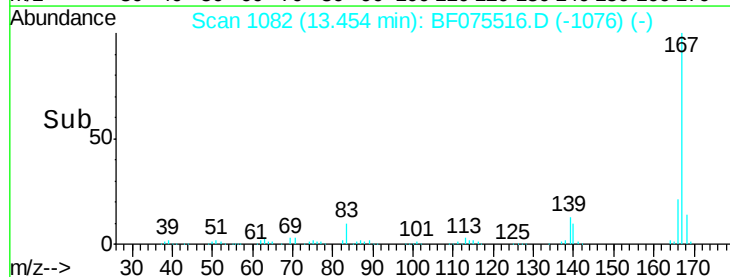
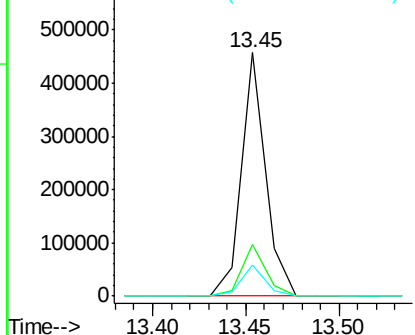


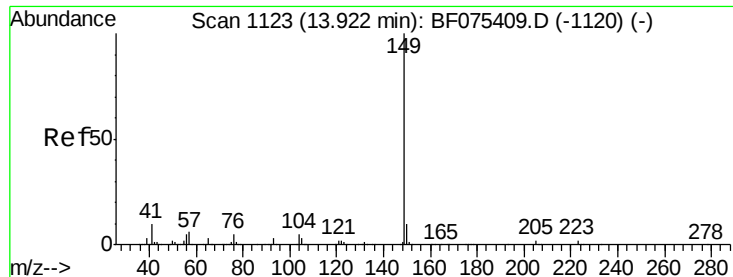
#72
 Carbazole
 Concen: 47.82 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion:167 Resp: 412720
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 12.6 10.1 15.1



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

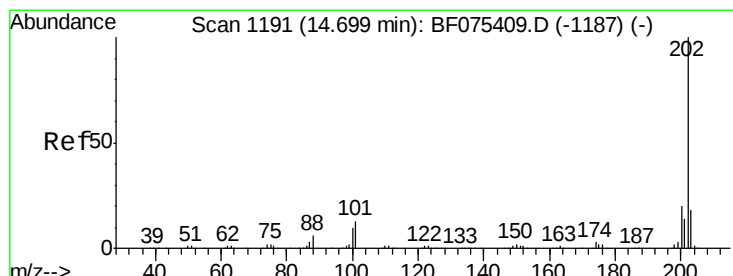
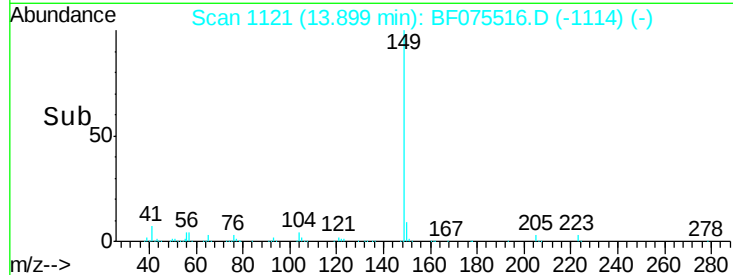
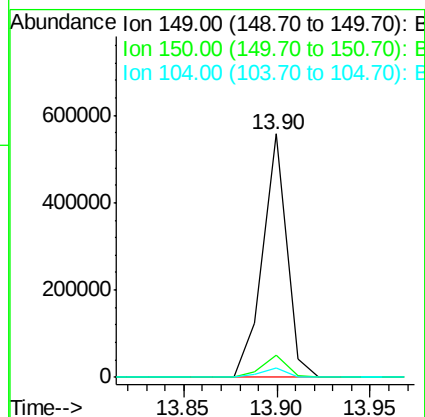
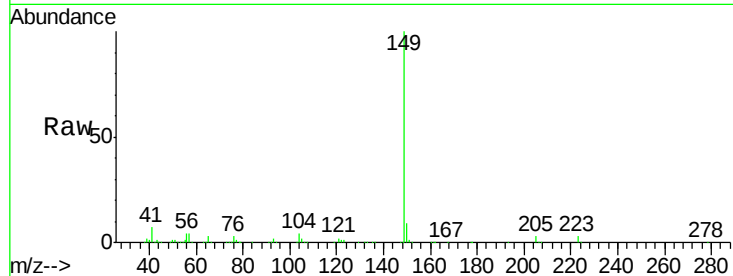




#73
Di-n-butylphthalate
Concen: 41.64 ng
RT: 13.90 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

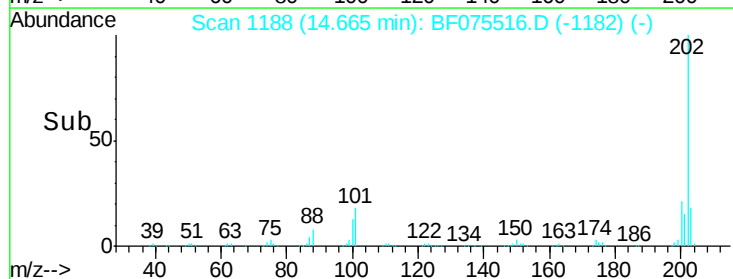
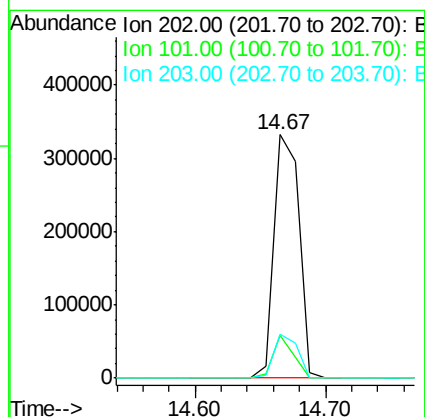
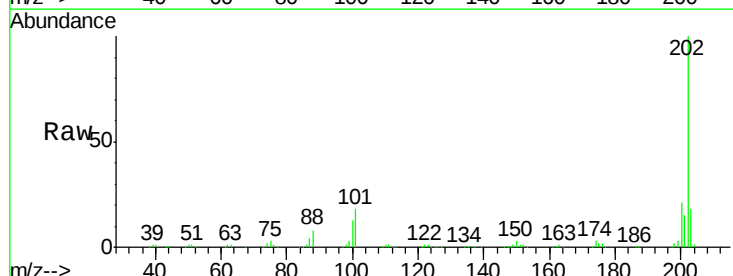
Instrument :
BNA_F
ClientSampleId :
PB80204BS

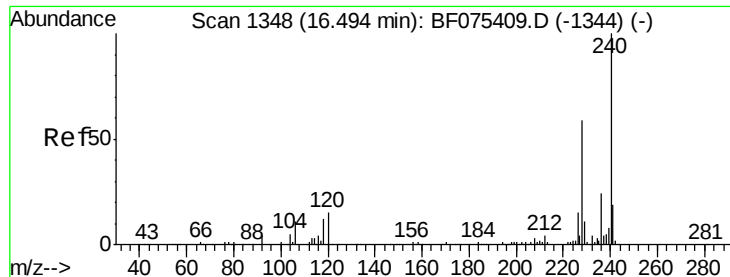
Tgt Ion:149 Resp: 496421
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.1 3.1 4.7



#74
Fluoranthene
Concen: 49.02 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion:202 Resp: 448022
Ion Ratio Lower Upper
202 100
101 17.7 0.0 36.6
203 18.1 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.08 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS

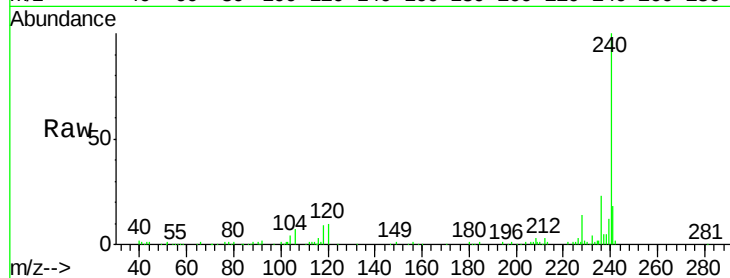
Tgt Ion:240 Resp: 164188

Ion Ratio Lower Upper

240 100

120 10.0 9.6 14.4

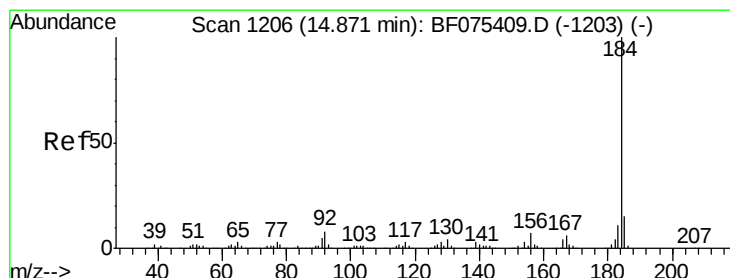
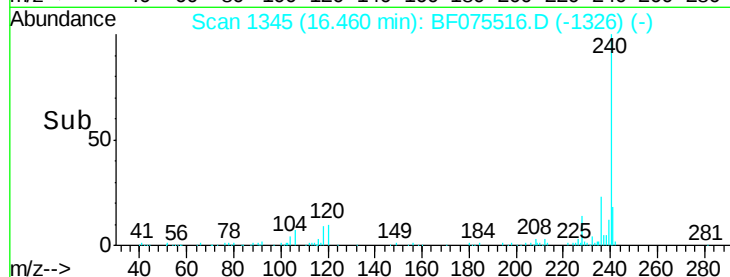
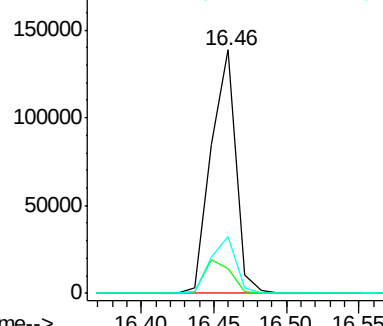
236 23.2 18.9 28.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.88 ng

RT: 14.84 min Scan# 1203

Delta R.T. -0.03 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

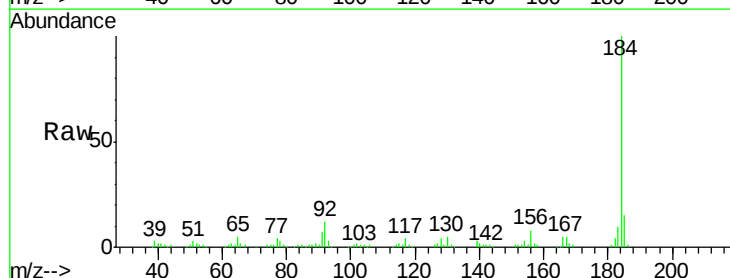
Tgt Ion:184 Resp: 197760

Ion Ratio Lower Upper

184 100

185 14.5 10.9 16.3

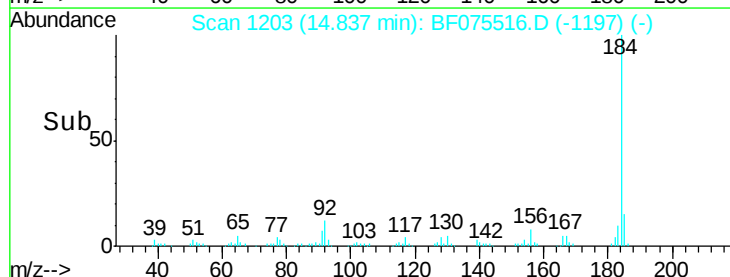
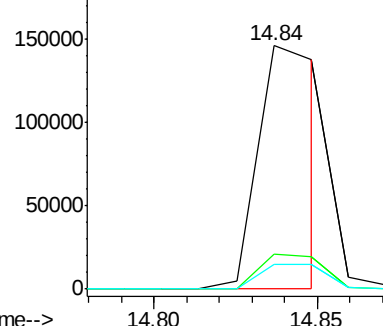
183 10.3 8.7 13.1

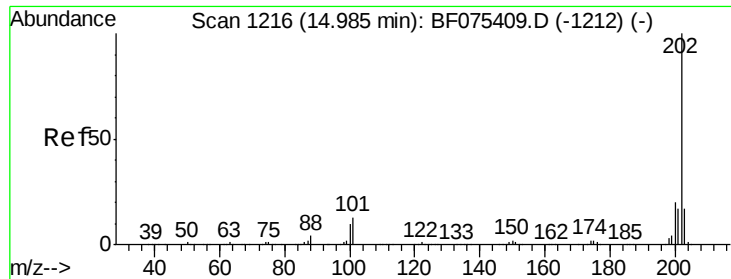


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

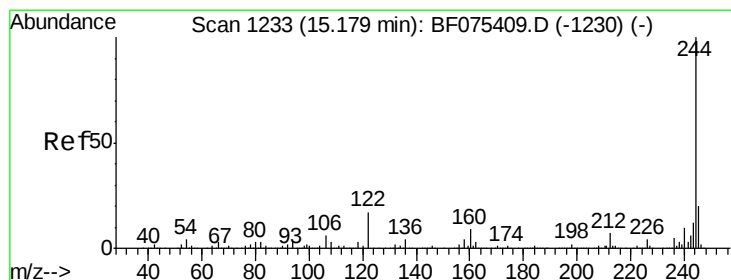
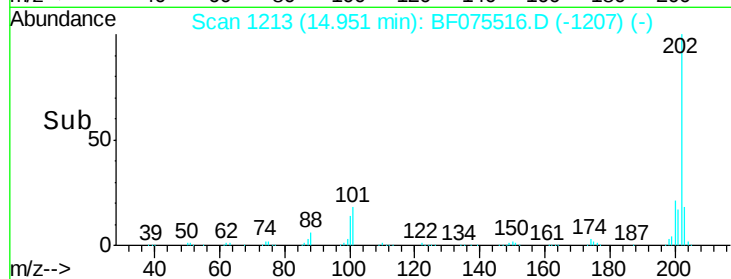
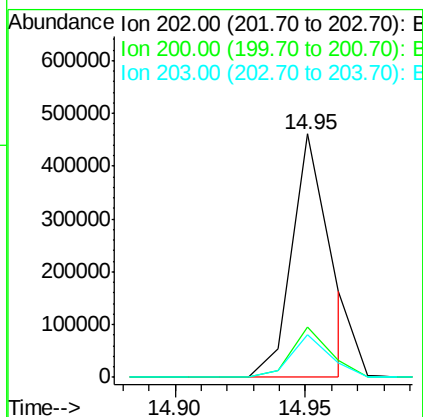
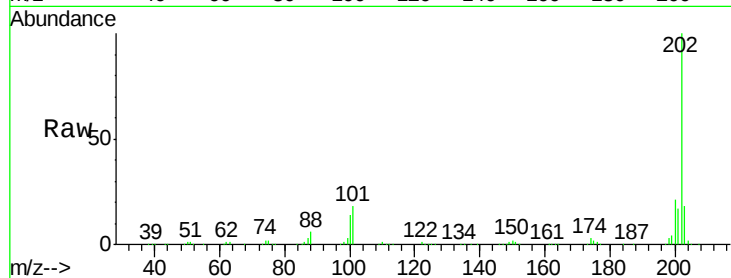




#77
 Pyrene
 Concen: 48.69 ng
 RT: 14.95 min Scan# 1213
 Delta R.T. -0.03 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

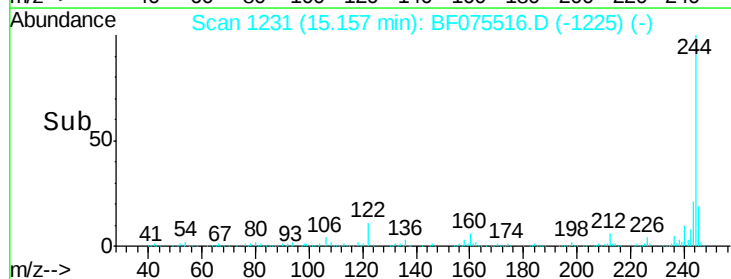
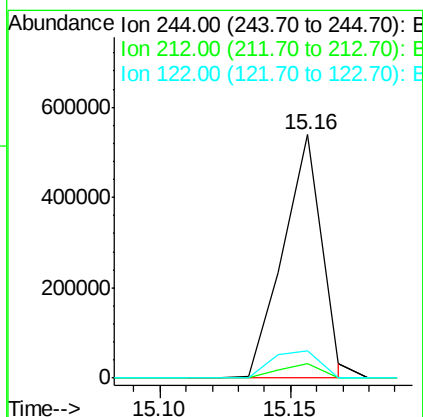
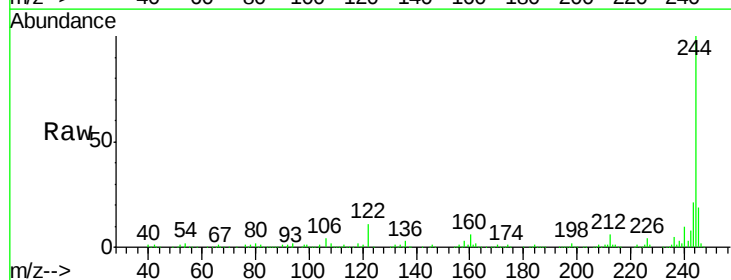
Instrument :
 BNA_F
 ClientSampleId :
 PB80204BS

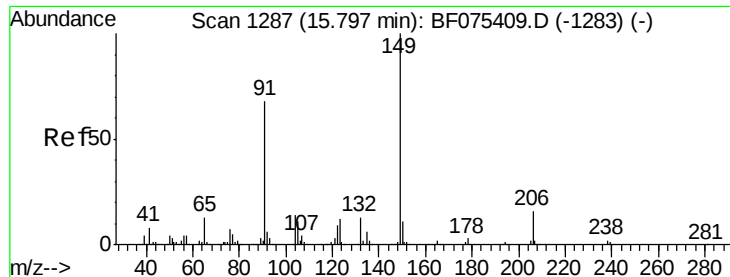
Tgt Ion: 202 Resp: 464716
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.8 25.2
 203 17.6 14.3 21.5



#78
 Terphenyl-d14
 Concen: 91.15 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion: 244 Resp: 555905
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.5 8.3
 122 11.1 9.7 14.5

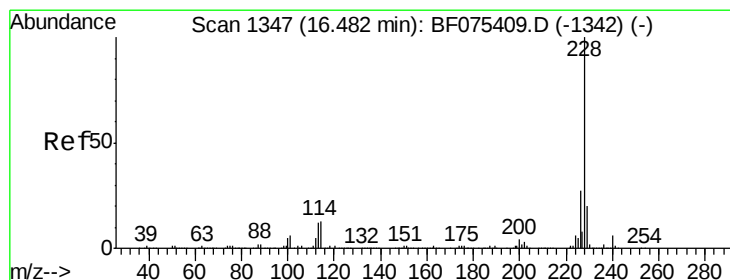
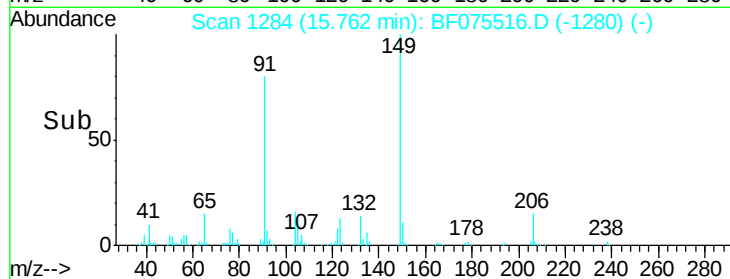
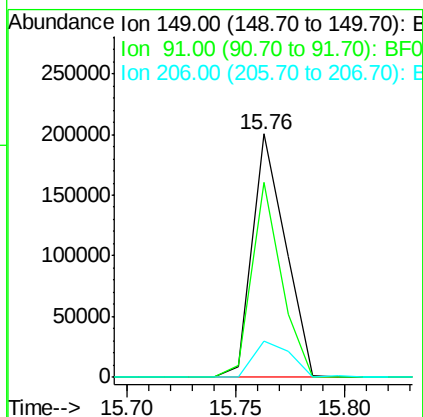
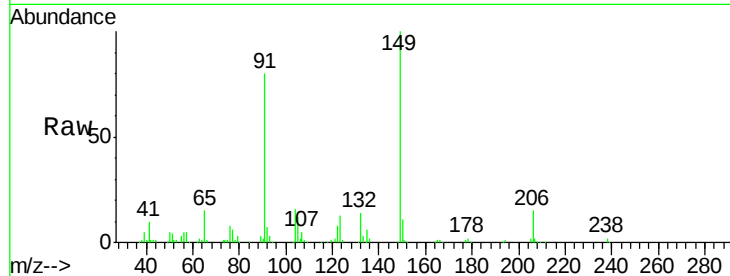




#79
Butylbenzylphthalate
Concen: 39.66 ng
RT: 15.76 min Scan# 1284
Delta R.T. -0.06 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

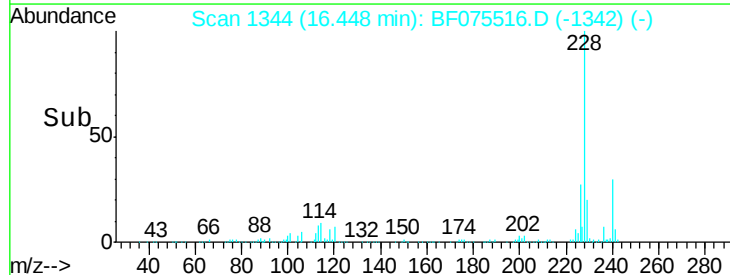
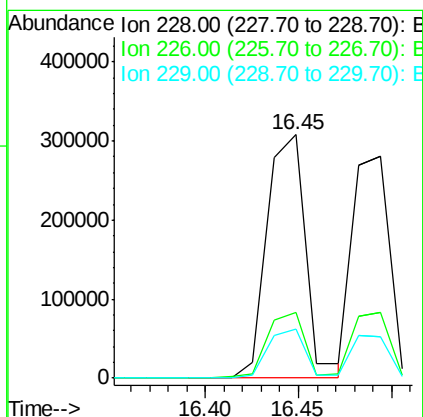
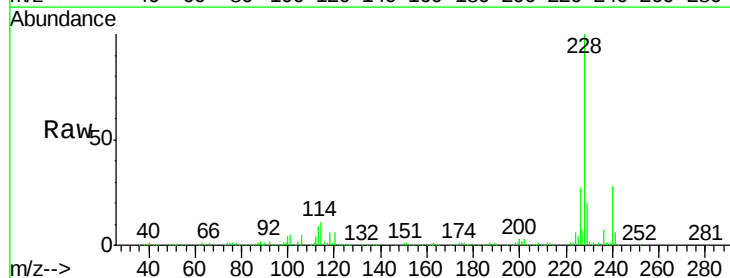
Instrument :
BNA_F
ClientSampled :
PB80204BS

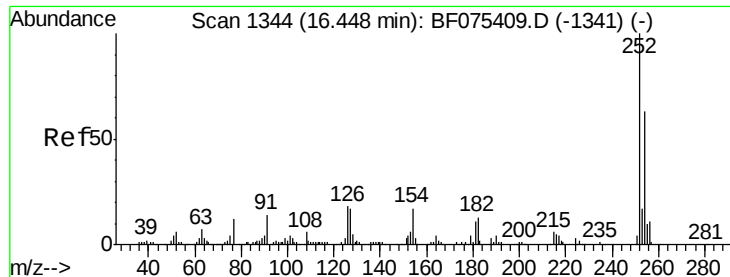
Tgt Ion:149 Resp: 212611
Ion Ratio Lower Upper
149 100
91 80.1 49.0 73.4#
206 15.0 15.5 23.3#



#80
Benzo(a)anthracene
Concen: 51.18 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.08 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion:228 Resp: 441445
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.0 15.3 22.9

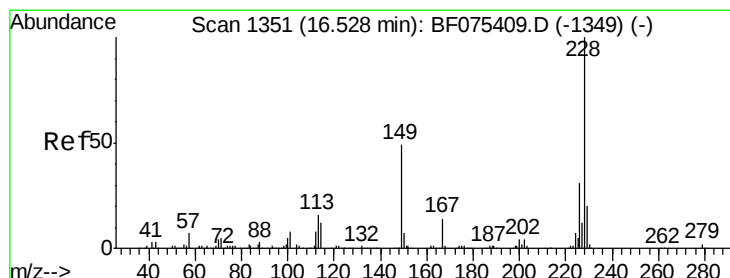
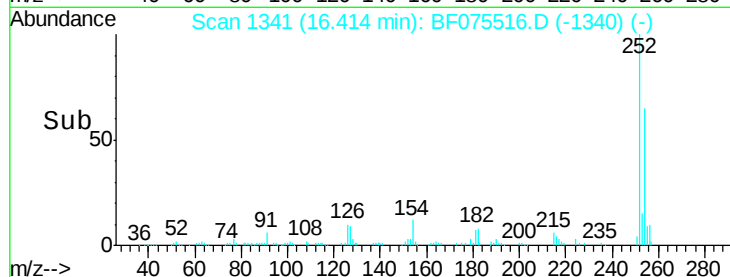
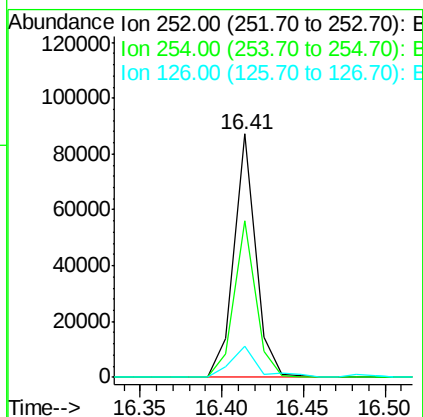
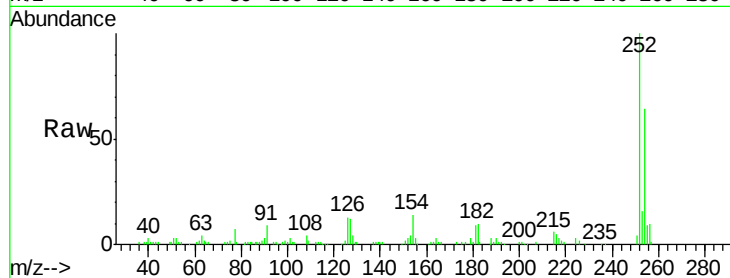




#81
 3,3'-Dichlorobenzidine
 Concen: 25.24 ng
 RT: 16.41 min Scan# 1341
 Delta R.T. -0.09 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

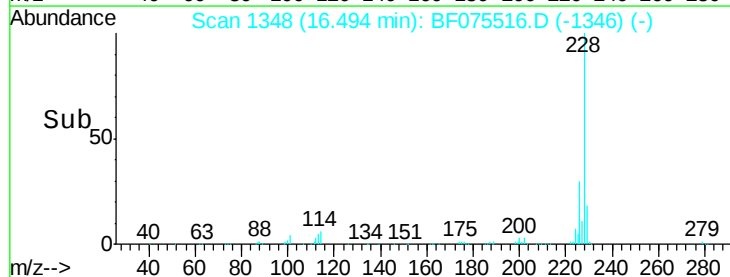
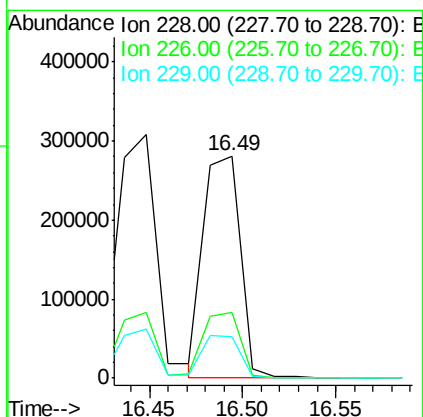
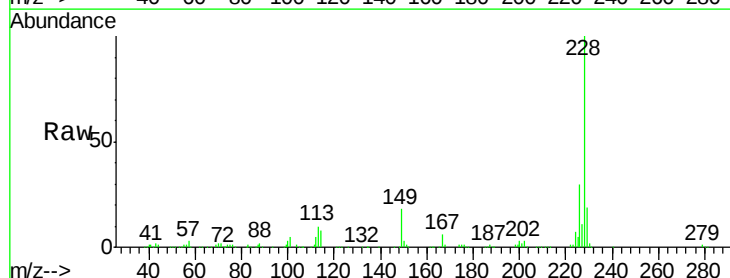
Instrument :
 BNA_F
 ClientSampleId :
 PB80204BS

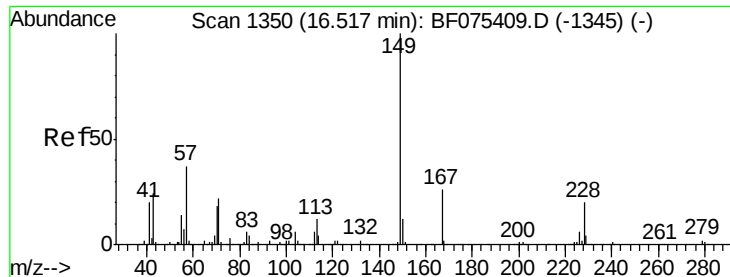
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.0	75.0
126	12.8	16.0	24.0



#82
 Chrysene
 Concen: 51.89 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. -0.08 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	18.8	15.8	23.6

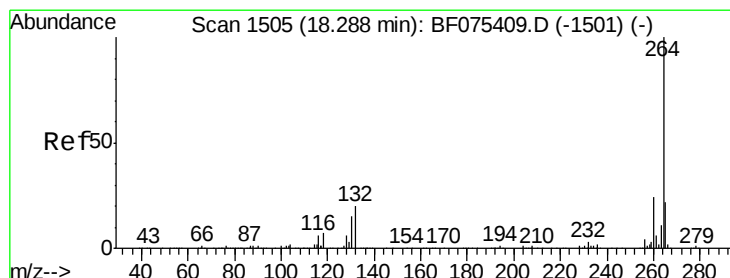
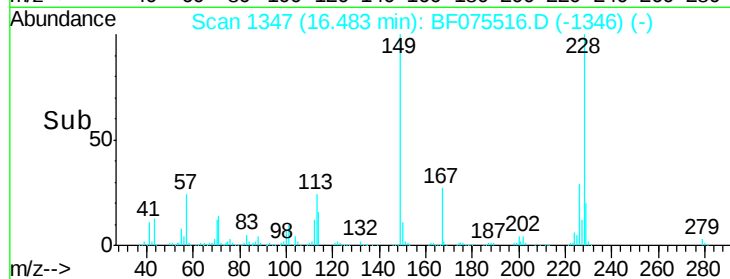
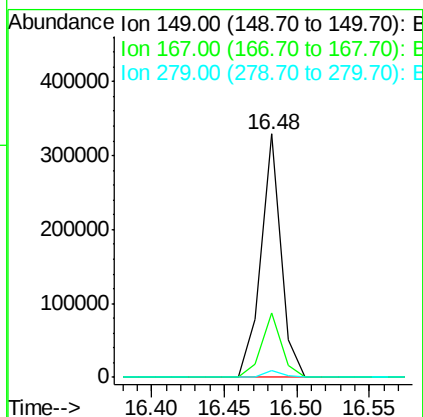
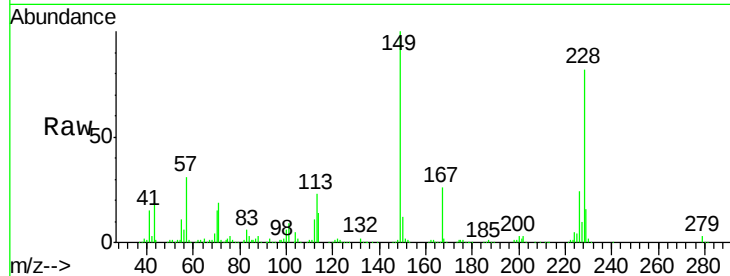




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.56 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.09 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

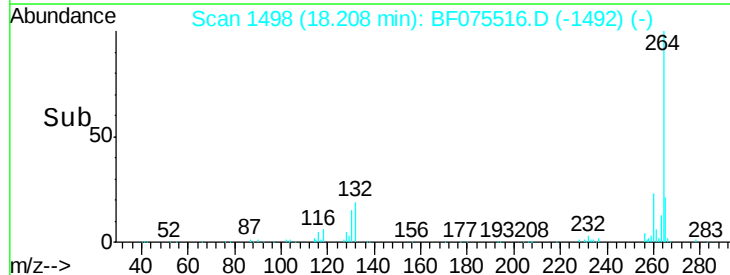
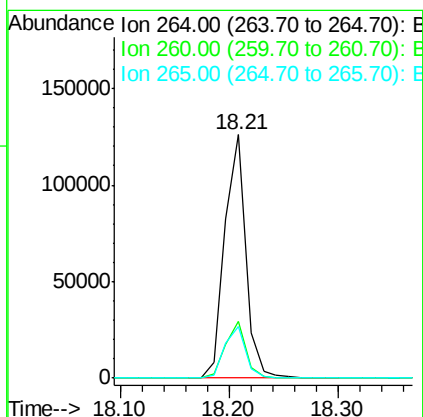
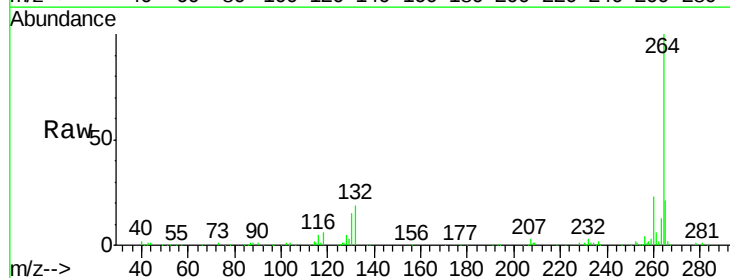
Instrument :
 BNA_F
 ClientSampleId :
 PB80204BS

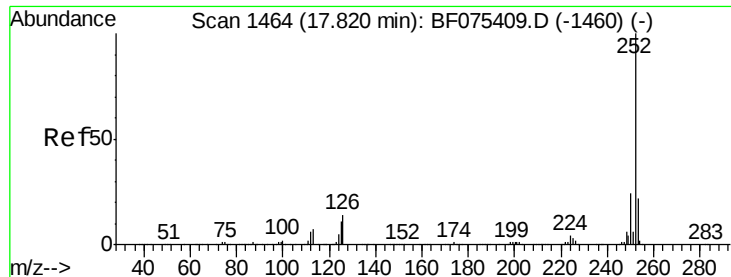
Tgt Ion:149 Resp: 317152
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.4 32.2
 279 2.8 2.8 4.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. -0.23 min
 Lab File: BF075516.D
 Acq: 15 Nov 2014 1:45

Tgt Ion:264 Resp: 169087
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.9 26.9
 265 21.4 16.3 24.5

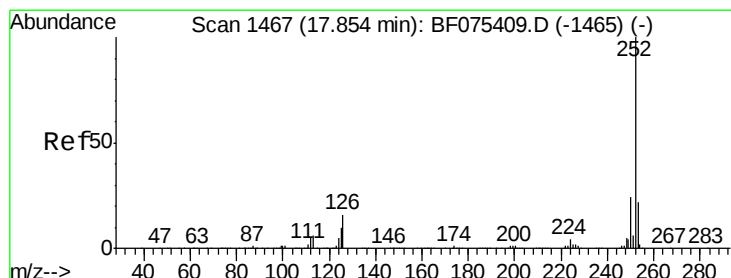
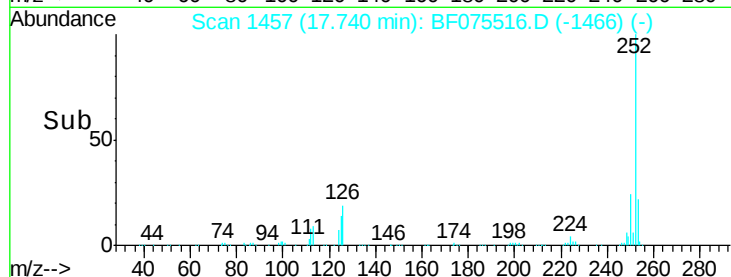
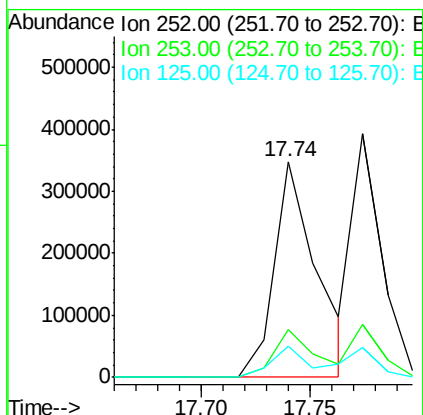
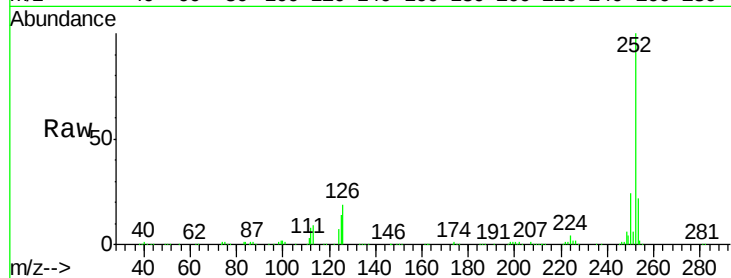




#87
Benzo(b)fluoranthene
Concen: 52.63 ng
RT: 17.74 min Scan# 1457
Delta R.T. -0.21 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

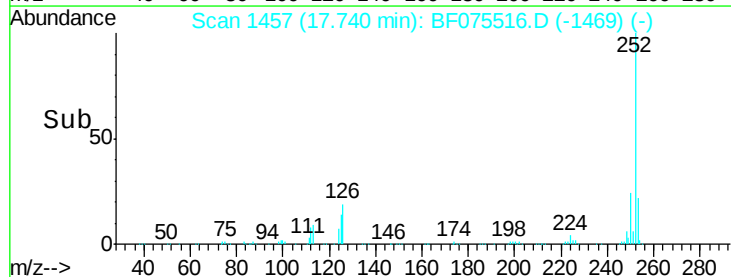
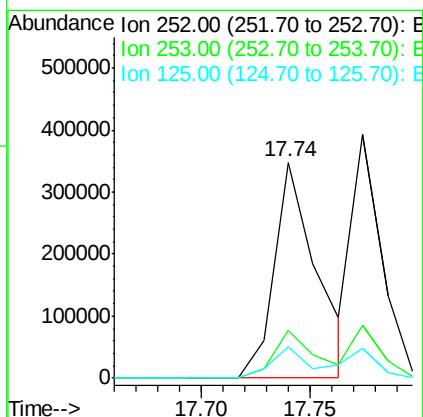
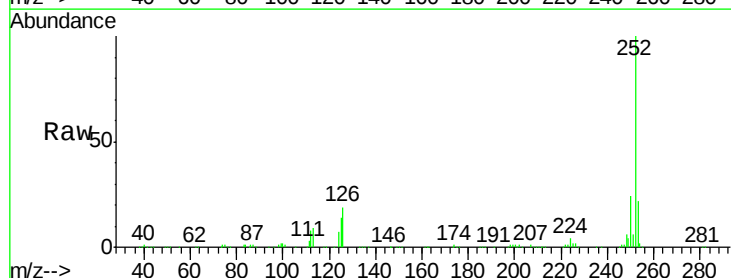
Instrument :
BNA_F
ClientSampleId :
PB80204BS

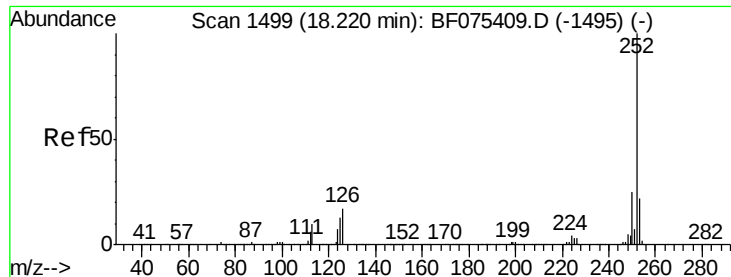
Tgt Ion: 252 Resp: 475777
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 14.2 11.8 17.6



#88
Benzo(k)fluoranthene
Concen: 58.64 ng
RT: 17.74 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF075516.D
Acq: 15 Nov 2014 1:45

Tgt Ion: 252 Resp: 475777
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 14.2 11.6 17.4





#89

Benzo(a)pyrene

Concen: 51.97 ng

RT: 18.14 min Scan# 1492

Delta R.T. -0.23 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS

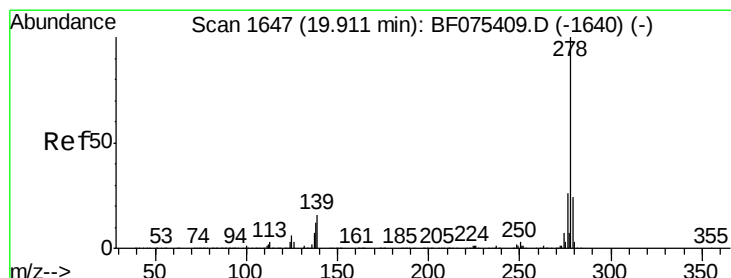
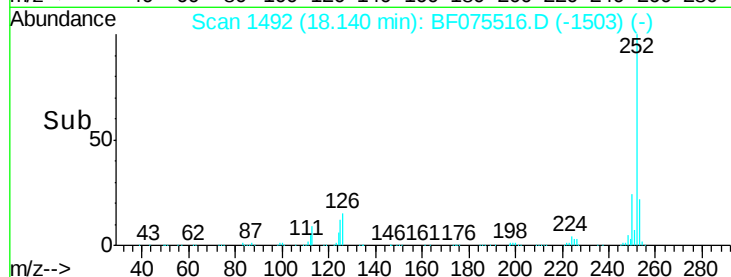
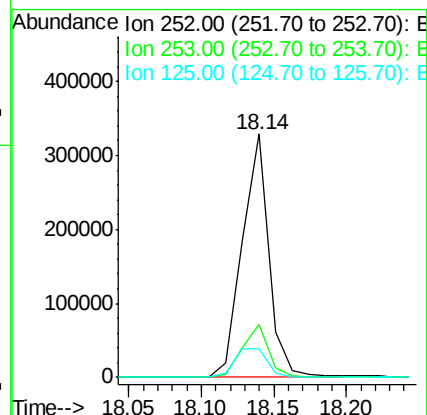
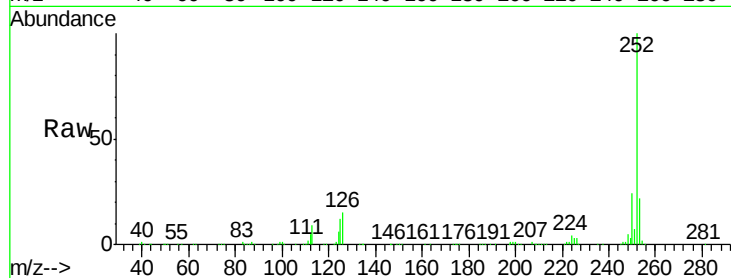
Tgt Ion:252 Resp: 420395

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 11.6 12.2 18.4#



#90

Dibenzo(a,h)anthracene

Concen: 50.57 ng

RT: 19.80 min Scan# 1637

Delta R.T. -0.27 min

Lab File: BF075516.D

Acq: 15 Nov 2014 1:45

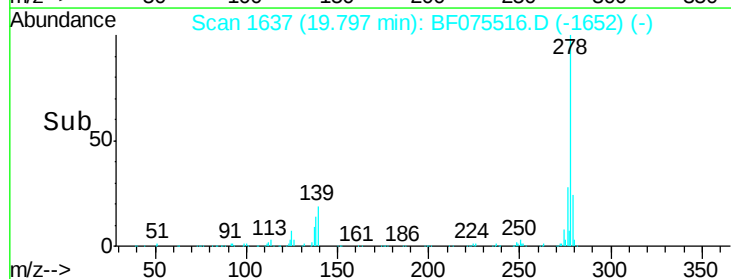
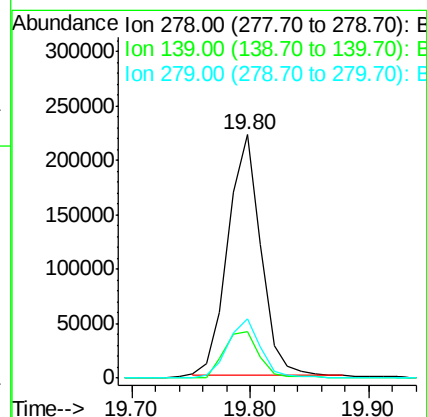
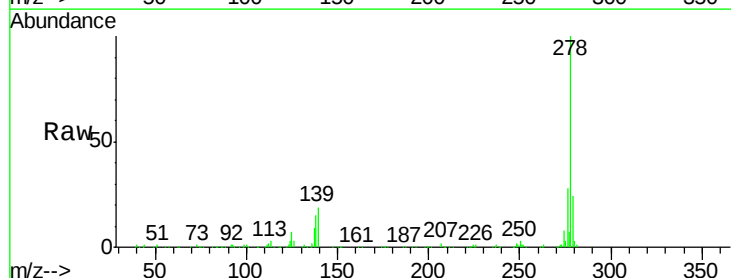
Tgt Ion:278 Resp: 427216

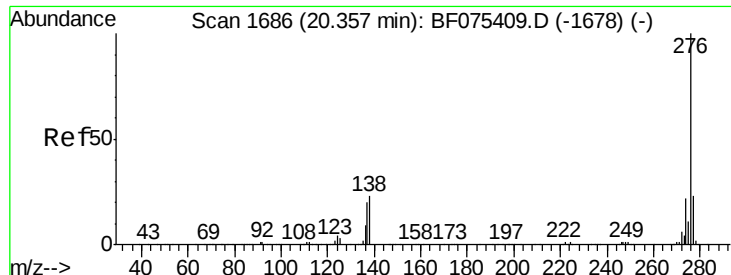
Ion Ratio Lower Upper

278 100

139 19.0 13.6 20.4

279 24.1 19.4 29.0





#91

Benzo(g,h,i)perylene

Concen: 56.11 ng

RT: 20.23 min Scan# 1675

Delta R.T. -0.27 min

Lab File: BF075516.D

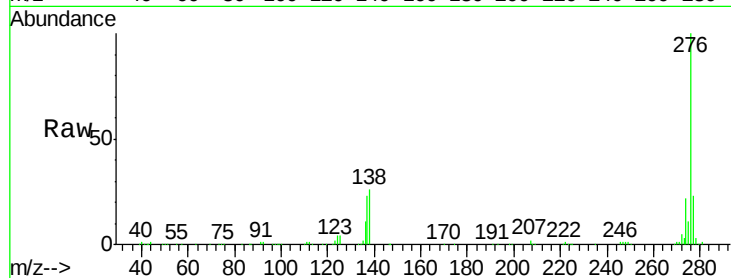
Acq: 15 Nov 2014 1:45

Instrument :

BNA_F

ClientSampleId :

PB80204BS



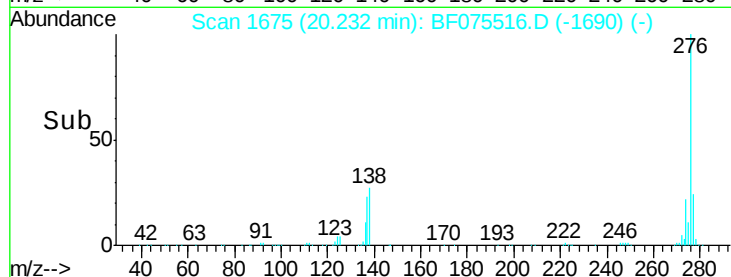
Tgt Ion: 276 Resp: 451609

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.8

138 26.4 22.8 34.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

