

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075556.D
 Acq On : 15 Nov 2014 22:24
 Operator : TP / JJ
 Sample : F4695-04MSD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

Quant Time: Nov 16 06:13:14 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	50138	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	216243	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	112608	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	200174	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	221526	20.00	ng	-0.08
86) Perylene-d12	18.21	264	225589	20.00	ng	-0.23

System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	339674	119.68	ng	-0.02
7) Phenol-d6	7.10	99	425042	124.54	ng	-0.01
23) Nitrobenzene-d5	8.24	82	242630	82.26	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	109576	116.18	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	466444	74.85	ng	-0.01
78) Terphenyl-d14	15.16	244	551264	66.99	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	37464	31.44	ng	97
6) Aniline	7.13	93	53607	10.87	ng	99
8) 2-Chlorophenol	7.28	128	113054	34.42	ng	93
9) Benzaldehyde	7.00	77	7090	3.09	ng	96
10) Phenol	7.11	94	148754	35.73	ng	95
11) bis(2-Chloroethyl)ether	7.24	93	119323	37.84	ng	# 81
12) 1,3-Dichlorobenzene	7.48	146	120231	33.59	ng	99
13) 1,4-Dichlorobenzene	7.57	146	117907	32.38	ng	98
14) 1,2-Dichlorobenzene	7.76	146	116510	34.12	ng	# 91
15) Benzyl Alcohol	7.73	79	94005	35.09	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.91	45	226871	34.75	ng	94
17) 2-Methylphenol	7.86	107	91253	33.56	ng	98
18) Hexachloroethane	8.17	117	43346	34.71	ng	92
19) n-Nitroso-di-n-propylamine	8.06	70	80199	34.49	ng	96
20) 3+4-Methylphenols	8.06	107	121825	34.21	ng	95
22) Acetophenone	8.06	105	170890	36.63	ng	95
24) Nitrobenzene	8.26	77	128677	37.65	ng	99
25) Isophorone	8.56	82	229167	34.03	ng	98
26) 2-Nitrophenol	8.65	139	56684	36.39	ng	# 94
27) 2,4-Dimethylphenol	8.71	122	99130	32.84	ng	97
28) bis(2-Chloroethoxy)methane	8.84	93	147145	35.86	ng	99
29) 2,4-Dichlorophenol	8.95	162	91976	34.78	ng	90
30) 1,2,4-Trichlorobenzene	9.06	180	92294	33.24	ng	99
31) Naphthalene	9.16	128	387806	40.23	ng	100
32) Benzoic acid	8.79	122	47944	26.29	ng	90
33) 4-Chloroaniline	9.22	127	46577	11.12	ng	98
34) Hexachlorobutadiene	9.32	225	46972	31.30	ng	95
35) Caprolactam	9.64	113	31183	35.58	ng	93
36) 4-Chloro-3-methylphenol	9.83	107	100700	34.71	ng	91
37) 2-Methylnaphthalene	10.01	142	240241	36.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	84579	36.54	ng	98
40) Hexachlorocyclopentadiene	10.21	237	81555	58.00	ng	97
42) 2,4,6-Trichlorophenol	10.37	196	62232	33.81	ng	99
43) 2,4,5-Trichlorophenol	10.41	196	66946	34.92	ng	# 94

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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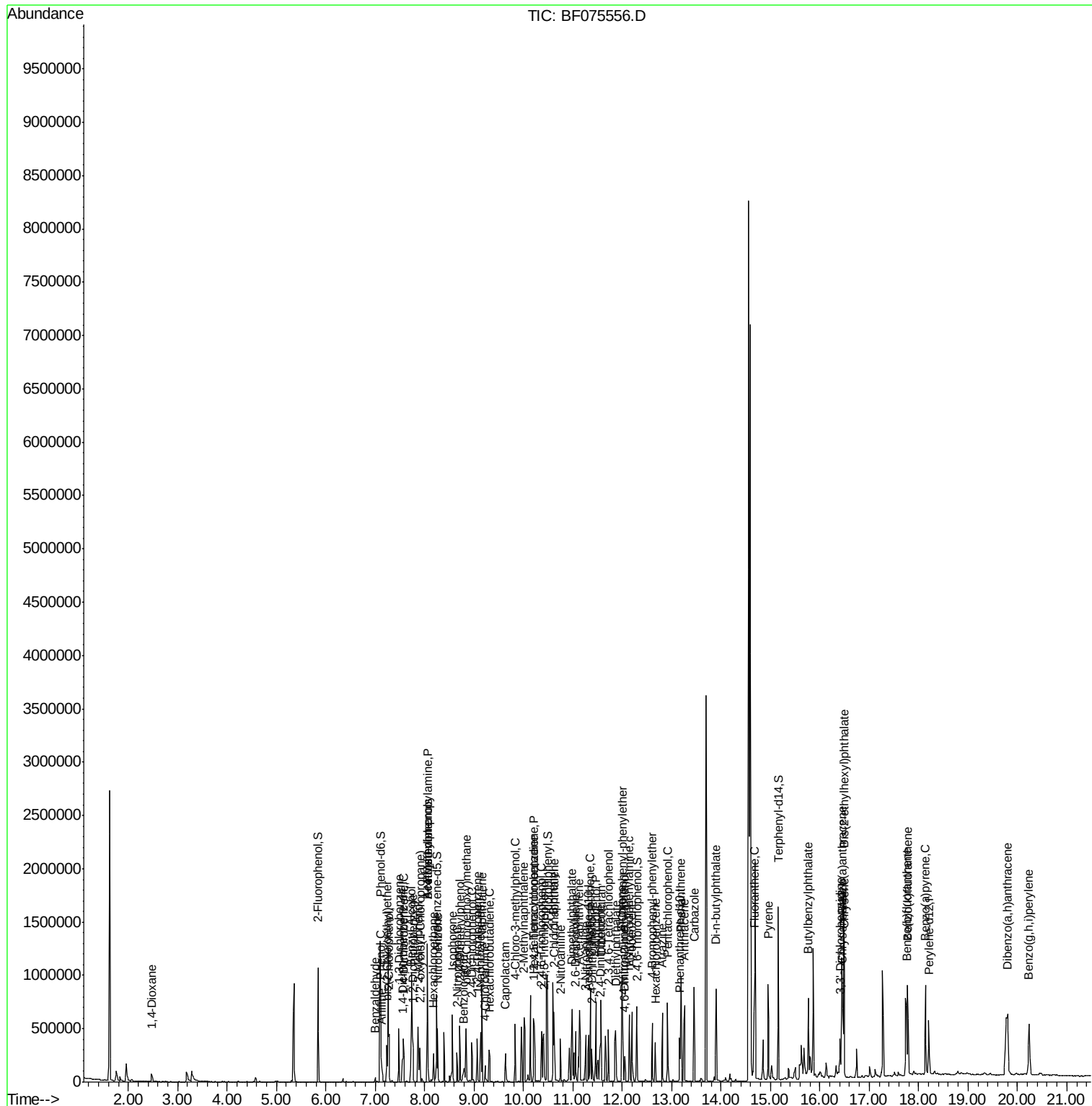
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	10.60	154	265790	34.99	ng	99
46) 2-Chloronaphthalene	10.62	162	219318	36.93	ng	97
47) 2-Nitroaniline	10.74	65	70620	39.52	ng	94
48) Acenaphthylene	11.13	152	361839	36.95	ng	98
49) Dimethylphthalate	10.99	163	312626	40.61	ng	100
50) 2,6-Dinitrotoluene	11.05	165	54669	36.06	ng	85
51) Acenaphthene	11.35	154	224816	38.03	ng	98
52) 3-Nitroaniline	11.26	138	43518	24.34	ng	# 87
53) 2,4-Dinitrophenol	11.39	184	36549	51.15	ng	83
54) Dibenzofuran	11.57	168	305314	36.14	ng	95
55) 4-Nitrophenol	11.47	139	113641	79.52	ng	# 82
56) 2,4-Dinitrotoluene	11.56	165	75838	38.07	ng	95
57) Fluorene	11.99	166	250040	36.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	54345	35.71	ng	# 97
59) Diethylphthalate	11.87	149	248409	31.10	ng	95
60) 4-Chlorophenyl-phenylether	12.00	204	104537	35.59	ng	# 87
61) 4-Nitroaniline	12.01	138	59525	33.31	ng	85
62) Azobenzene	12.20	77	271526	38.64	ng	89
64) 4,6-Dinitro-2-methylphenol	12.05	198	28236	27.89	ng	# 41
65) n-Nitrosodiphenylamine	12.14	169	209329	33.06	ng	97
66) 4-Bromophenyl-phenylether	12.61	248	63130	33.52	ng	# 86
67) Hexachlorobenzene	12.68	284	71869	33.60	ng	# 81
68) Atrazine	12.81	200	65424	33.30	ng	97
69) Pentachlorophenol	12.92	266	84465	62.93	ng	98
70) Phenanthrene	13.19	178	383026	36.36	ng	100
71) Anthracene	13.26	178	393874	36.17	ng	98
72) Carbazole	13.45	167	376459	35.33	ng	98
73) Di-n-butylphthalate	13.90	149	467495	31.76	ng	100
74) Fluoranthene	14.68	202	414121	36.70	ng	92
77) Pyrene	14.95	202	443192	34.41	ng	99
79) Butylbenzylphthalate	15.76	149	216971	30.00	ng	# 80
80) Benzo(a)anthracene	16.45	228	416617	35.80	ng	99
81) 3,3'-Dichlorobenzidine	16.41	252	64232	14.95	ng	# 97
82) Chrysene	16.49	228	381453	37.90	ng	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	330256	28.99	ng	# 99
87) Benzo(b)fluoranthene	17.75	252	441178	36.58	ng	# 94
88) Benzo(k)fluoranthene	17.77	252	379580	35.07	ng	99
89) Benzo(a)pyrene	18.14	252	404430	37.47	ng	97
90) Dibenzo(a,h)anthracene	19.80	278	399431	35.44	ng	# 95
91) Benzo(g,h,i)perylene	20.23	276	400692	37.32	ng	98

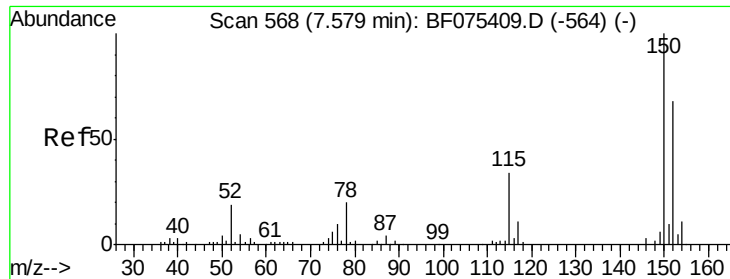
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

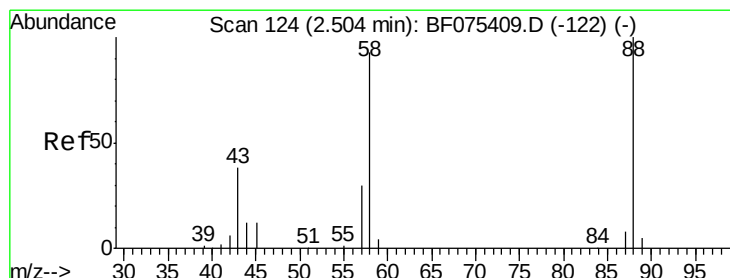
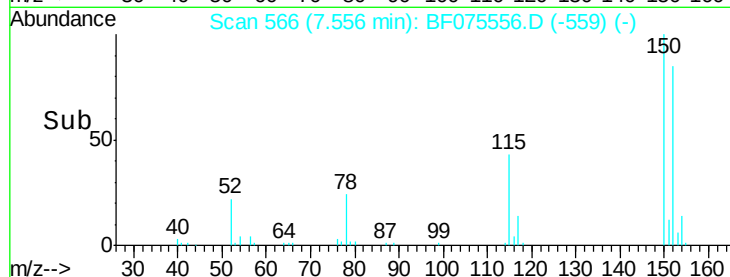
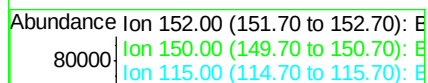
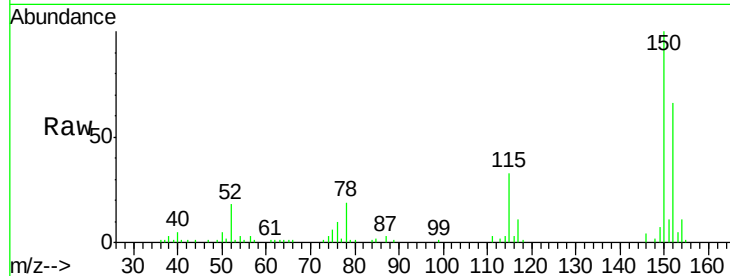
Tgt Ion:152 Resp: 50138

Ion Ratio Lower Upper

152 100

150 152.5 127.2 190.8

115 50.5 57.1 85.7#



#2

1,4-Dioxane

Concen: 31.44 ng

RT: 2.47 min Scan# 121

Delta R.T. -0.06 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

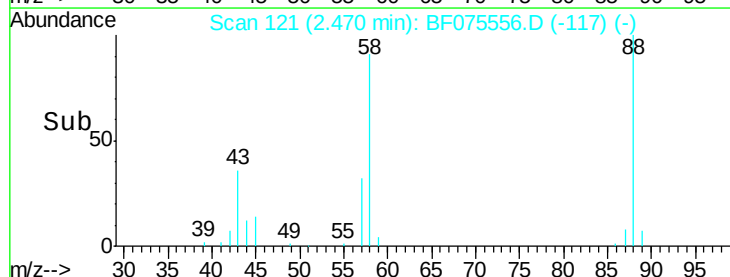
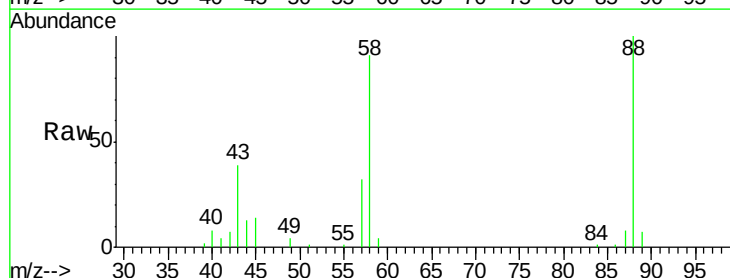
Tgt Ion: 88 Resp: 37464

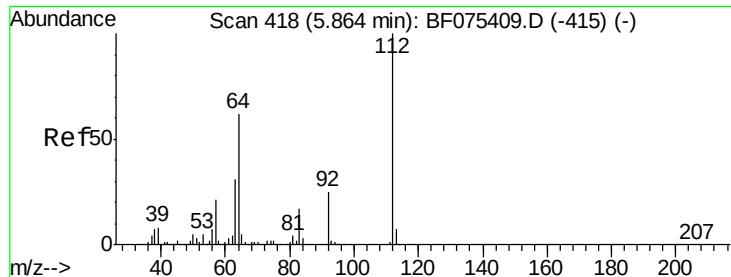
Ion Ratio Lower Upper

88 100

58 90.7 73.5 110.3

43 36.3 31.9 47.9





#5

2-Fluorophenol

Concen: 119.68 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

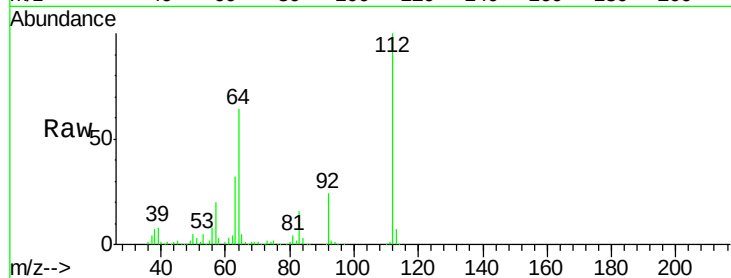
Tgt Ion: 112 Resp: 339674

Ion Ratio Lower Upper

112 100

64 64.2 45.8 68.6

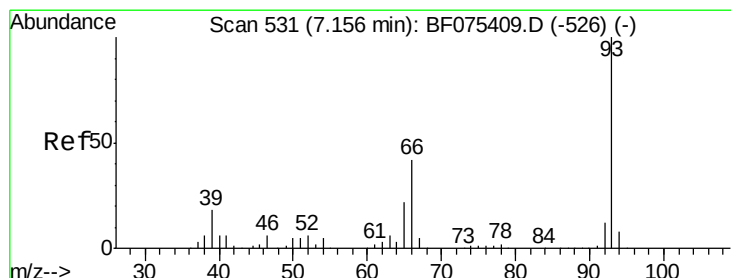
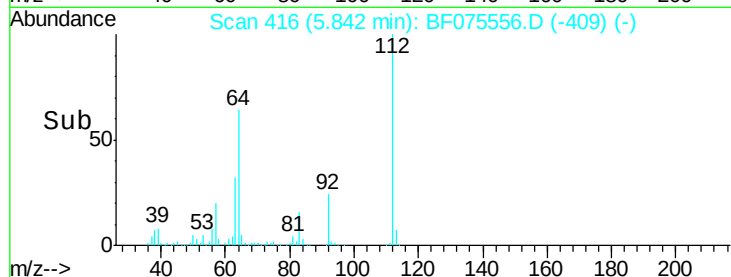
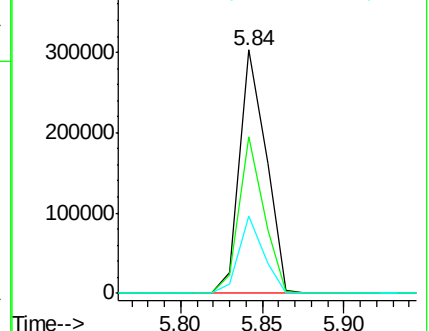
63 31.9 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.87 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

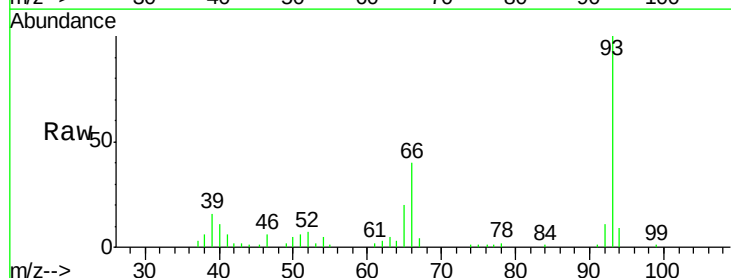
Tgt Ion: 93 Resp: 53607

Ion Ratio Lower Upper

93 100

66 40.1 31.8 47.8

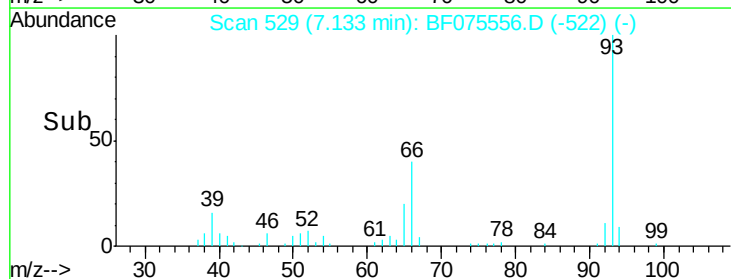
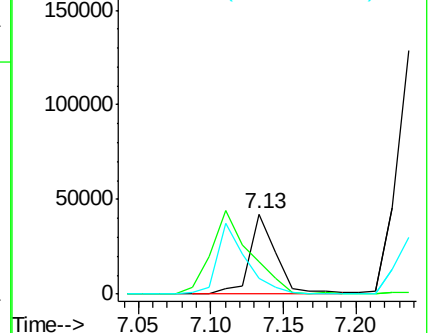
65 20.2 16.6 25.0

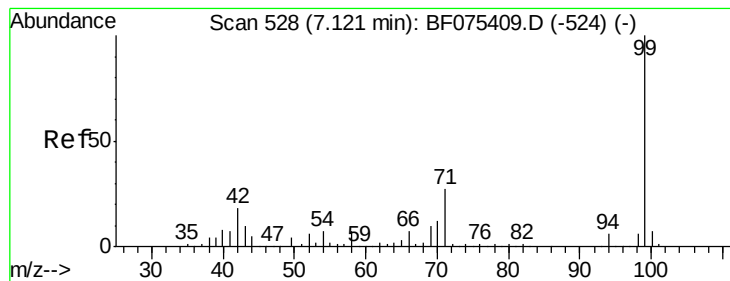


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.54 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075556.D

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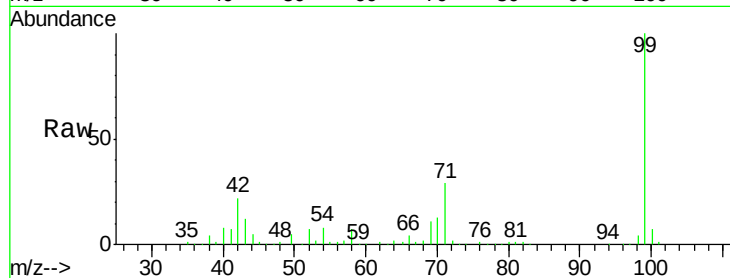
Tgt Ion: 99 Resp: 425042

Ion Ratio Lower Upper

99 100

42 21.8 19.8 29.6

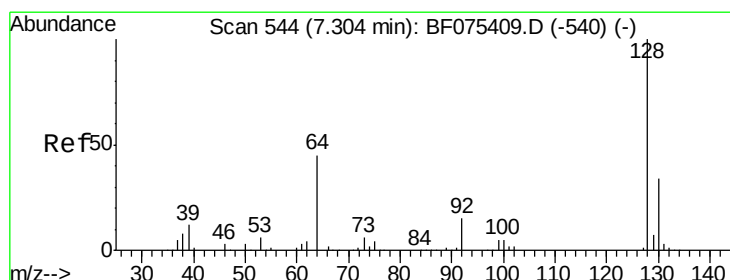
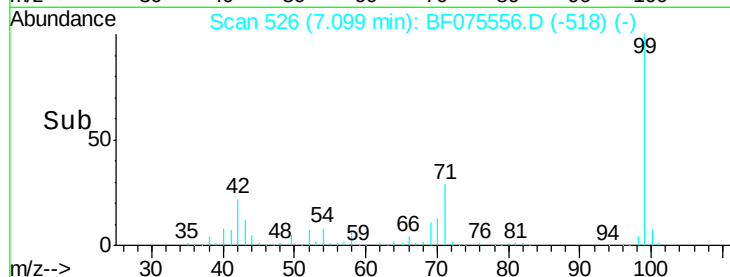
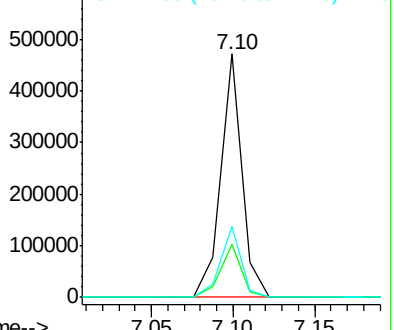
71 28.9 25.5 38.3



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: 34.42 ng

RT: 7.28 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

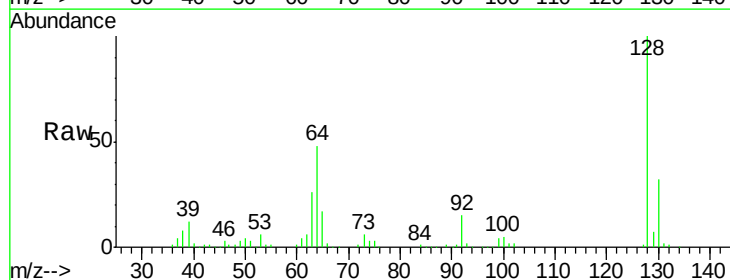
Tgt Ion: 128 Resp: 113054

Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

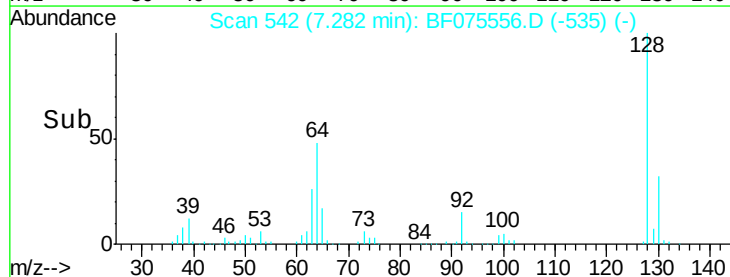
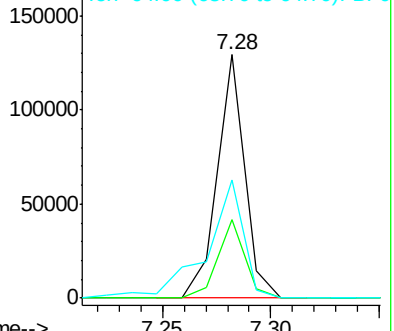
64 48.4 20.3 60.3

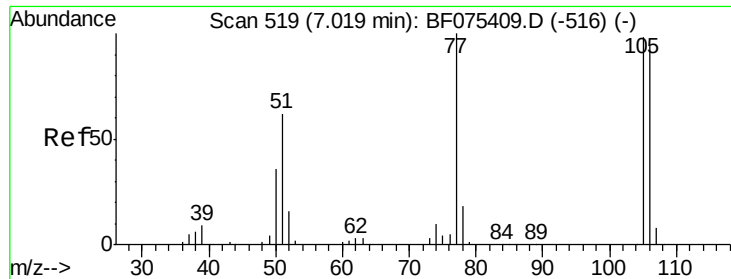


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.09 ng

RT: 7.00 min Scan# 517

Delta R.T. -0.02 min

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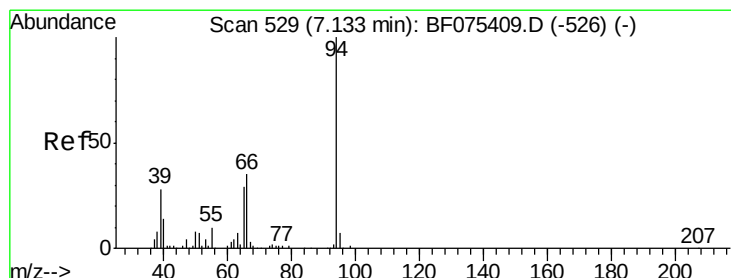
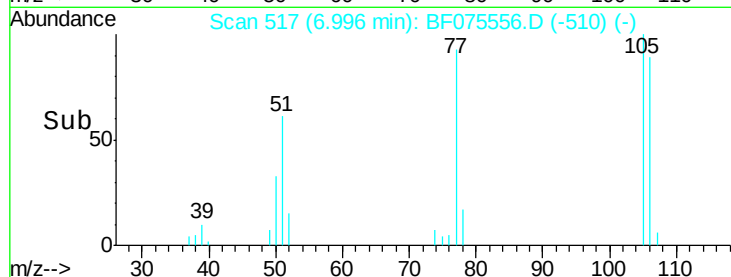
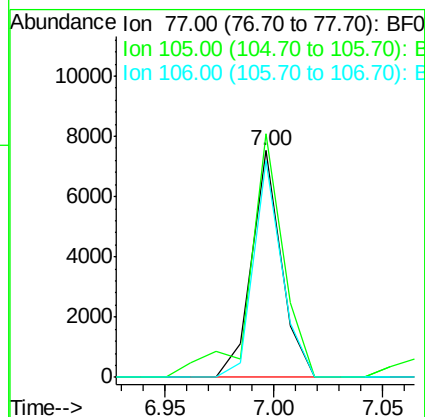
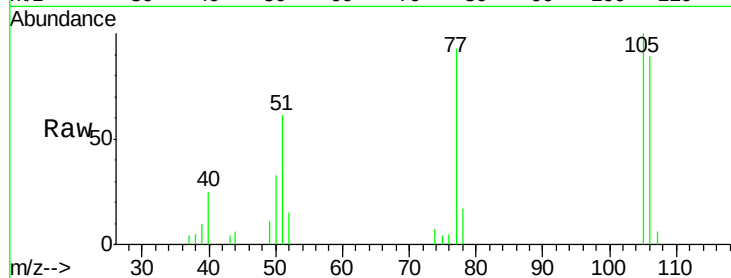
Tgt Ion: 77 Resp: 7090

Ion Ratio Lower Upper

77 100

105 107.4 81.6 121.6

106 95.7 77.5 117.5



#10

Phenol

Concen: 35.73 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

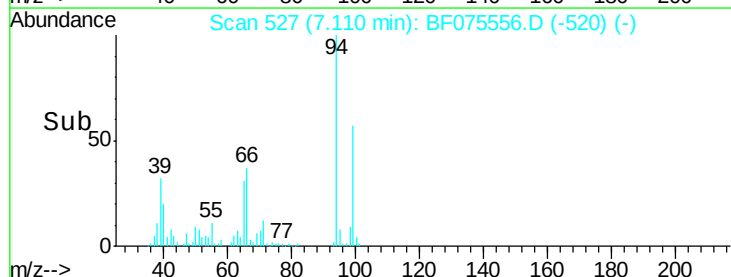
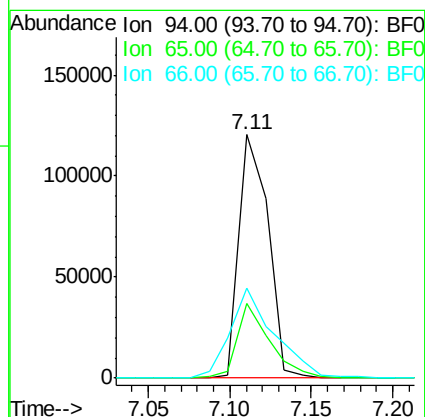
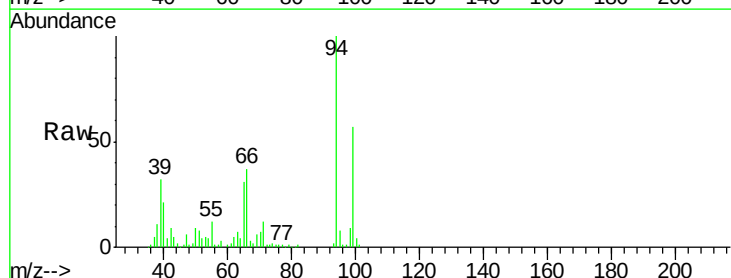
Tgt Ion: 94 Resp: 148754

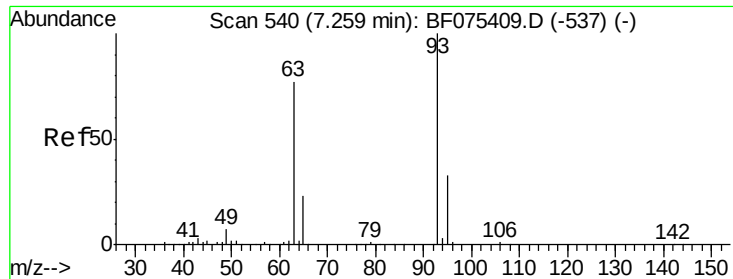
Ion Ratio Lower Upper

94 100

65 30.8 13.1 53.1

66 36.9 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 37.84 ng

RT: 7.24 min Scan# 538

Delta R.T. -0.01 min

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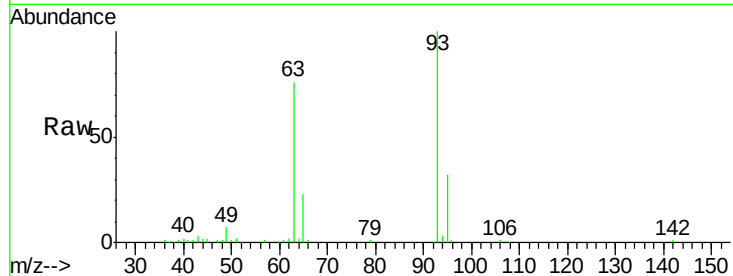
Tgt Ion: 93 Resp: 119323

Ion Ratio Lower Upper

93 100

63 75.7 79.8 119.8#

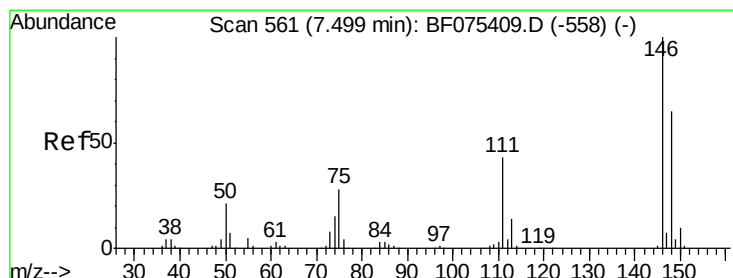
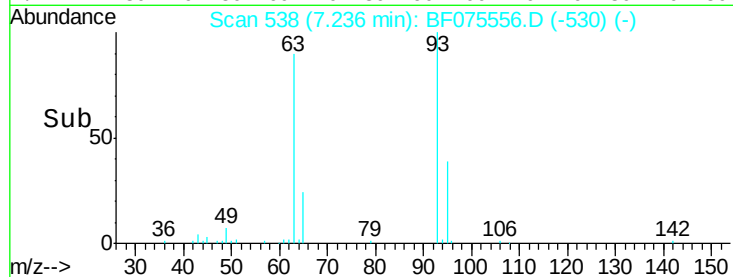
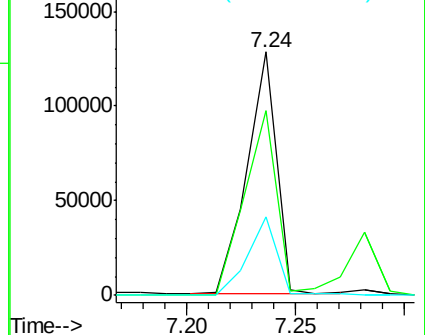
95 32.4 11.2 51.2



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: 33.59 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

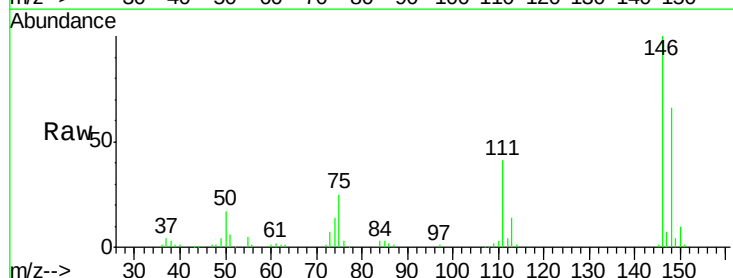
Tgt Ion: 146 Resp: 120231

Ion Ratio Lower Upper

146 100

148 66.0 53.1 79.7

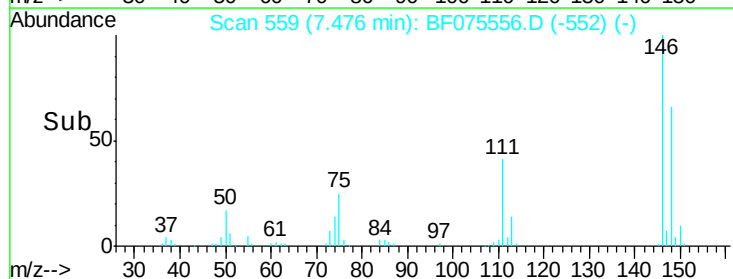
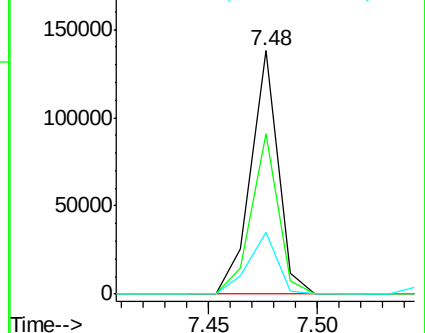
75 25.3 21.5 32.3

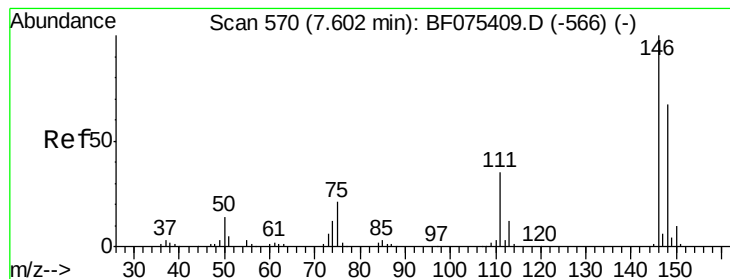


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.38 ng

RT: 7.57 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

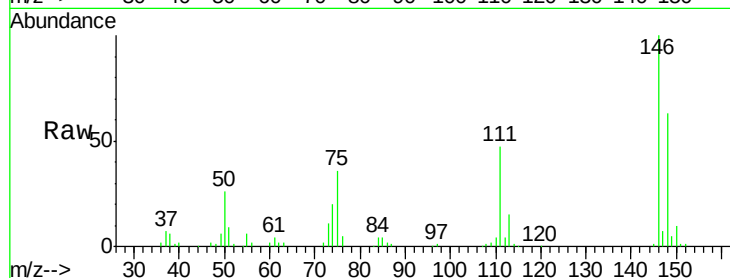
Tgt Ion:146 Resp: 117907

Ion Ratio Lower Upper

146 100

148 63.3 49.9 74.9

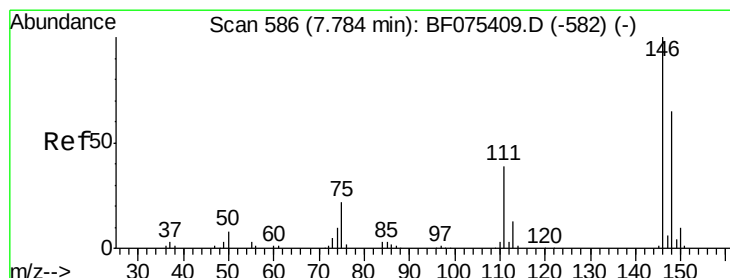
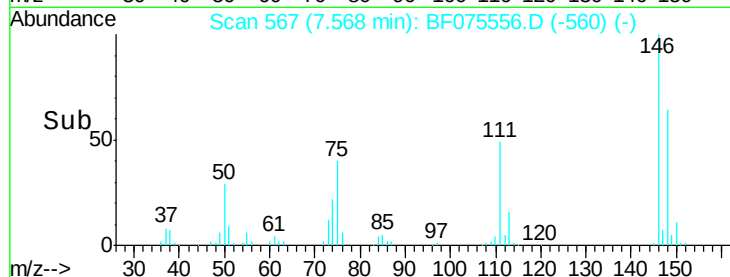
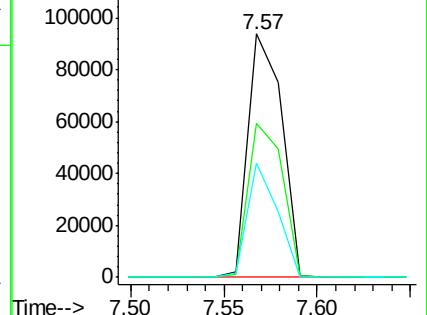
111 47.0 35.8 53.6



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: 34.12 ng

RT: 7.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

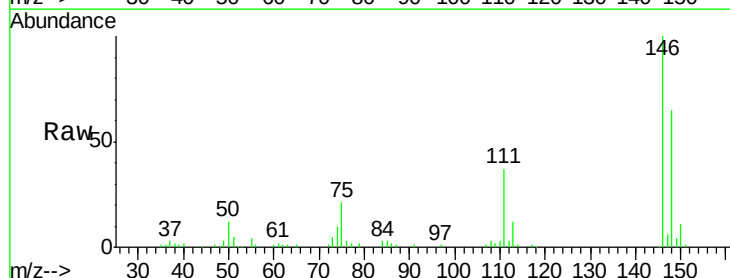
Tgt Ion:146 Resp: 116510

Ion Ratio Lower Upper

146 100

148 65.2 50.7 76.1

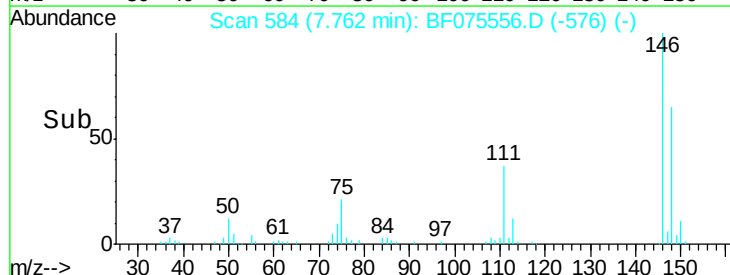
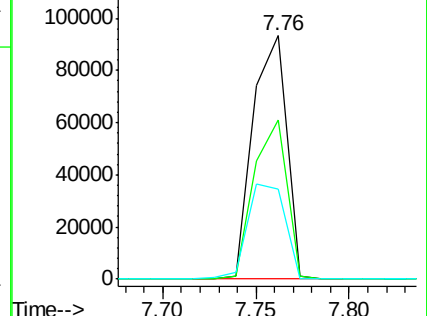
111 37.2 39.9 59.9#

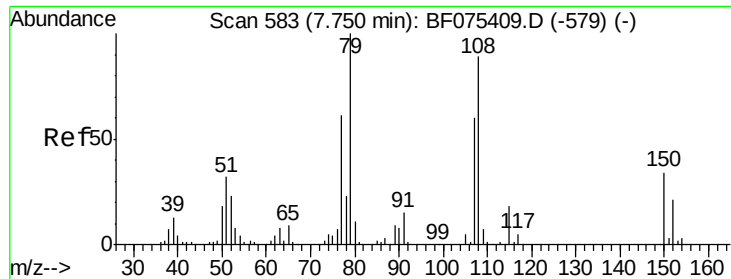


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.09 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

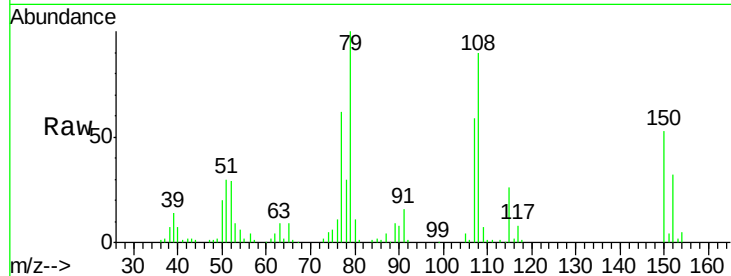
Tgt Ion: 79 Resp: 94005

Ion Ratio Lower Upper

79 100

108 89.5 75.5 113.3

77 62.3 52.1 78.1

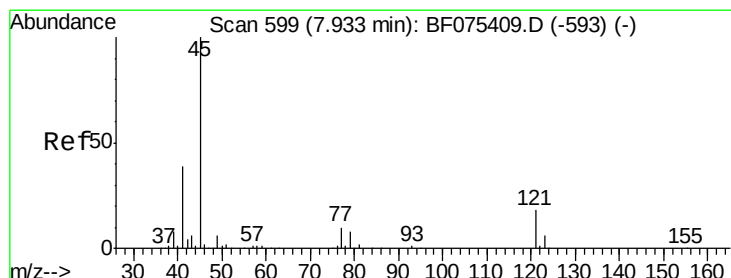
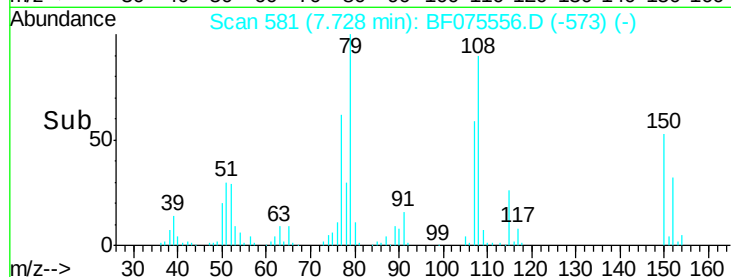
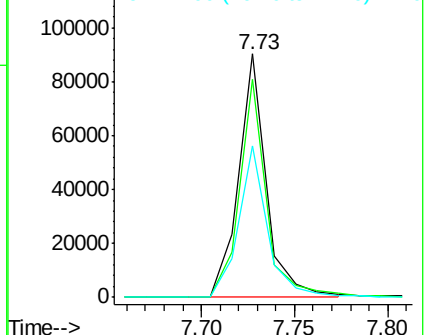


Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.75 ng

RT: 7.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

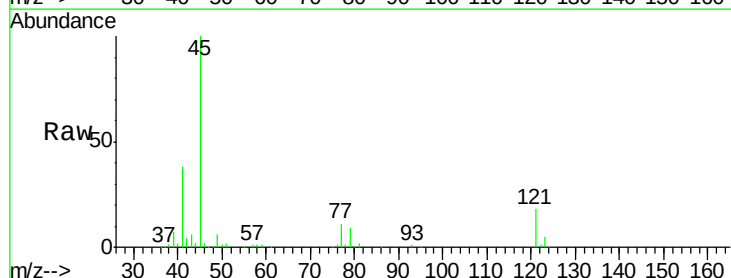
Tgt Ion: 45 Resp: 226871

Ion Ratio Lower Upper

45 100

77 10.6 0.0 28.6

79 8.9 0.0 26.5

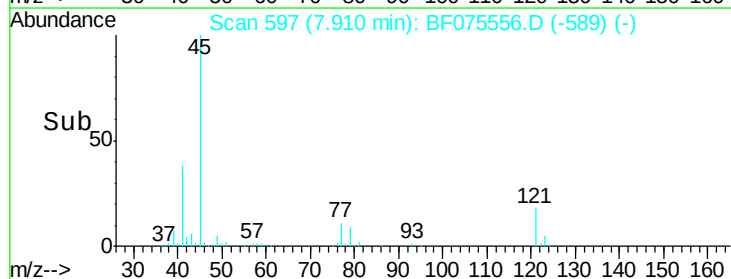
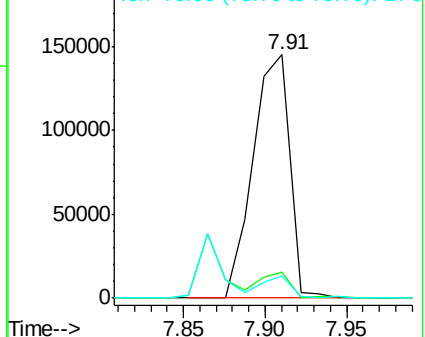


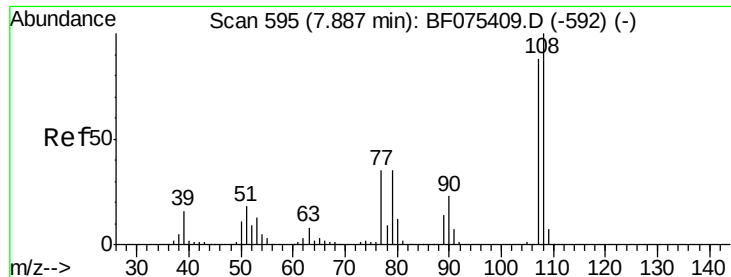
Abundance

Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 33.56 ng

RT: 7.86 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

Tgt Ion:107 Resp: 91253

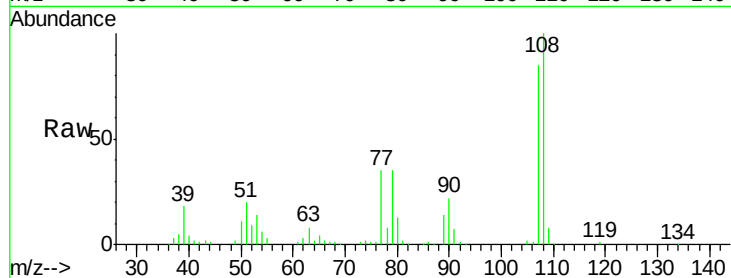
Ion Ratio Lower Upper

107 100

108 118.2 95.6 143.4

77 40.9 30.2 45.4

79 40.9 31.3 46.9

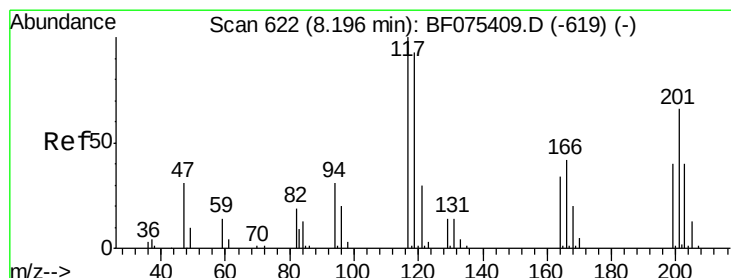
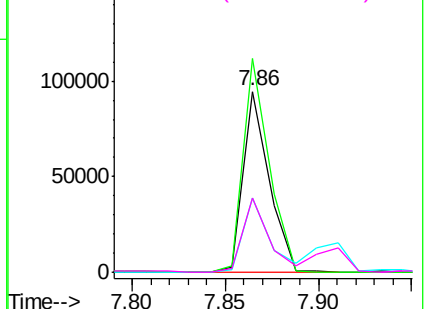
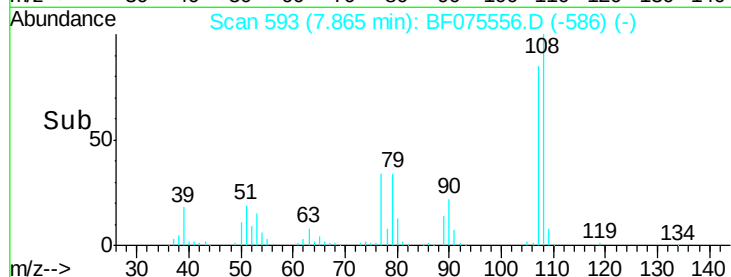


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.71 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

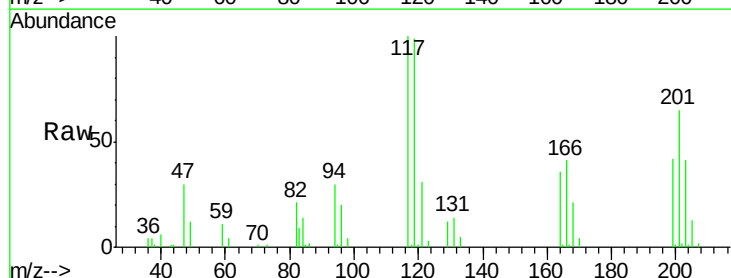
Tgt Ion:117 Resp: 43346

Ion Ratio Lower Upper

117 100

119 99.4 72.9 109.3

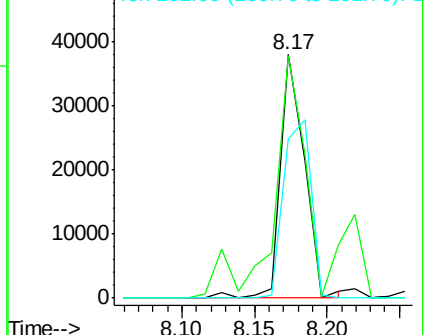
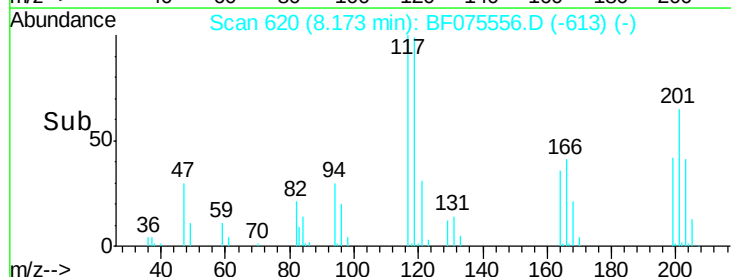
201 65.1 48.2 72.4

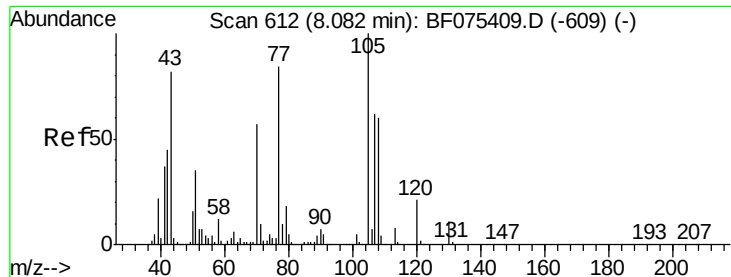


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

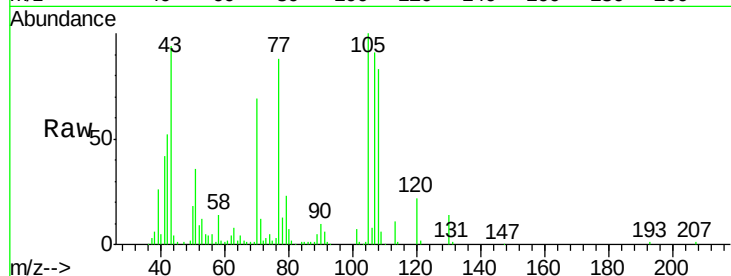




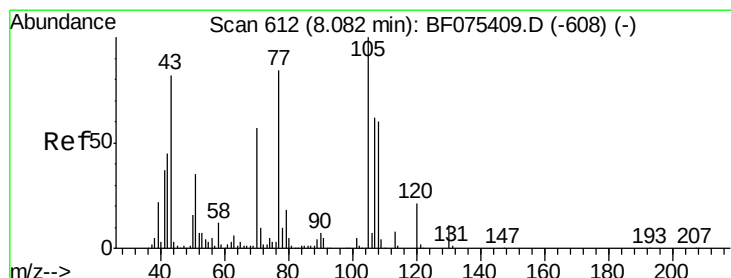
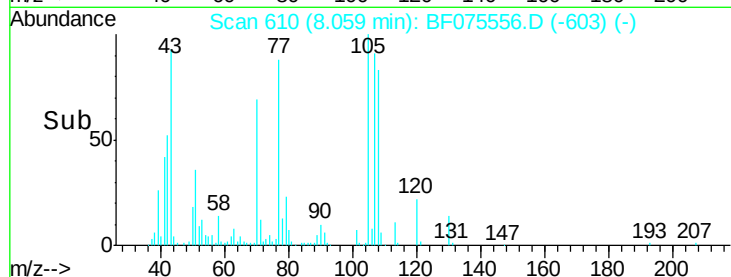
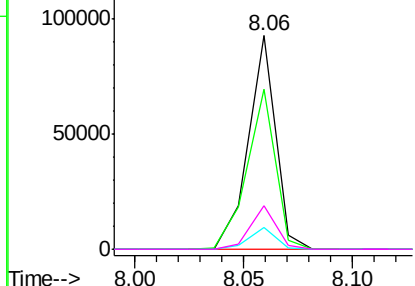
#19
n-Nitroso-di-n-propylamine
Concen: 34.49 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)MSD

Tgt Ion:	70	Resp:	80199
Ion	Ratio	Lower	Upper
70	100		
42	74.8	63.0	94.6
101	10.3	7.5	11.3
130	20.3	16.3	24.5

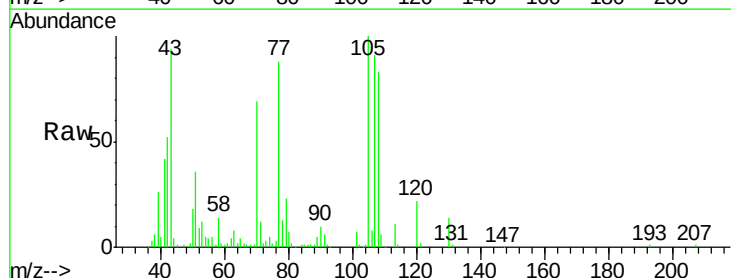


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

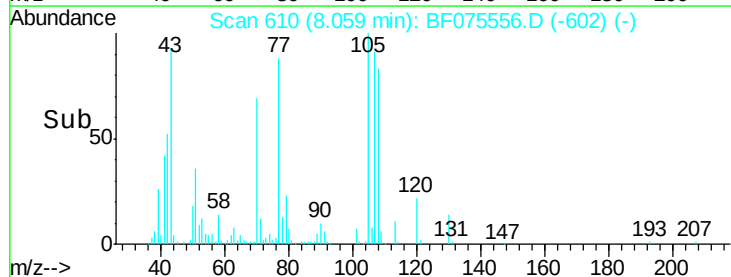
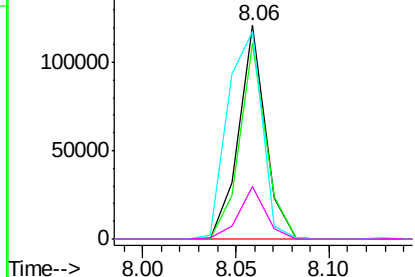


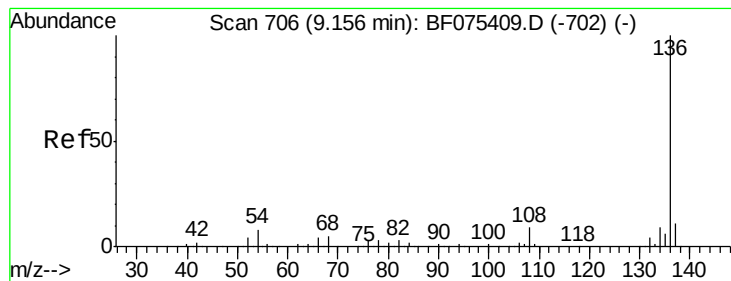
#20
3+4-Methylphenols
Concen: 34.21 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Tgt Ion:	107	Resp:	121825
Ion	Ratio	Lower	Upper
107	100		
108	91.7	69.6	109.6
77	96.8	84.4	124.4
79	24.8	5.5	45.5



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

Tgt Ion:136 Resp: 216243

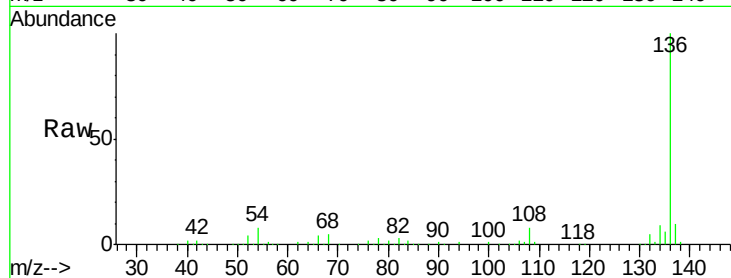
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 7.6 6.2 9.4

68 5.3 3.4 5.2#

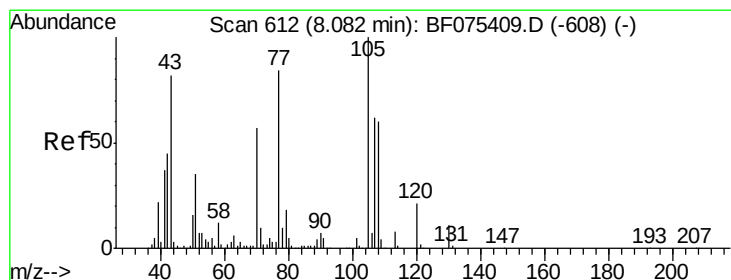
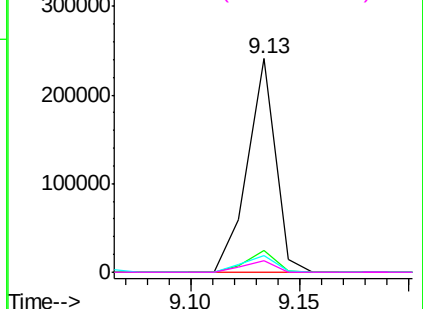
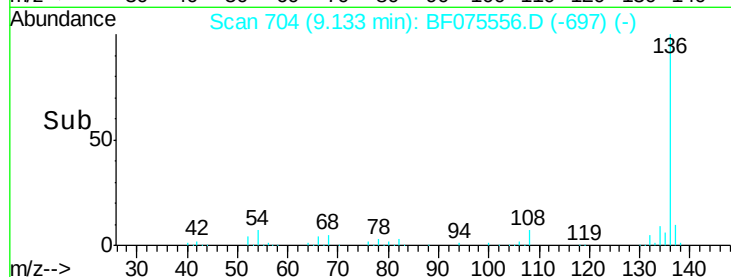


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.63 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Tgt Ion:105 Resp: 170890

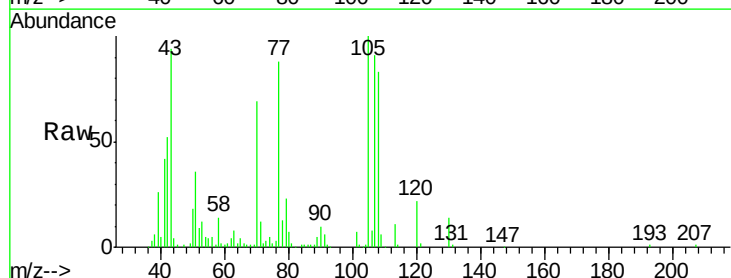
Ion Ratio Lower Upper

105 100

71 11.6 10.5 15.7

51 35.5 24.2 36.2

120 22.1 17.5 26.3

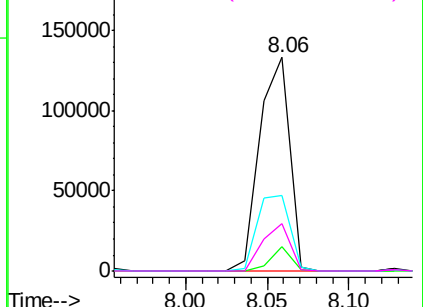
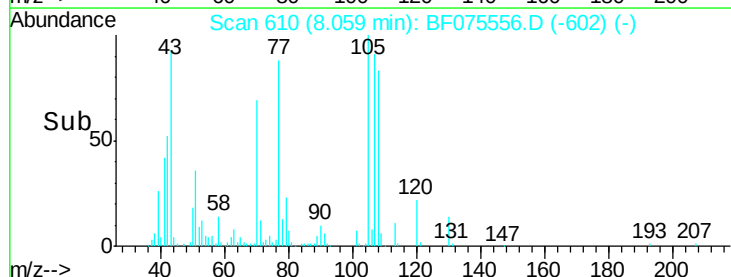


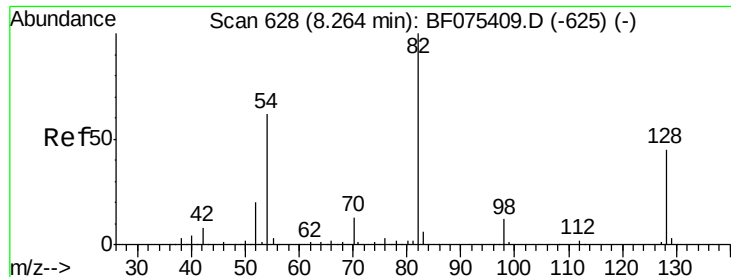
Abundance Ion 105.00 (104.70 to 105.70): E

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

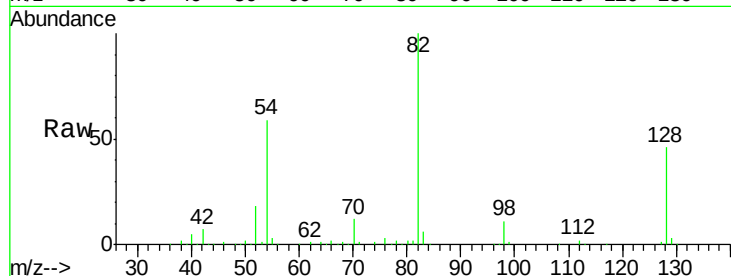




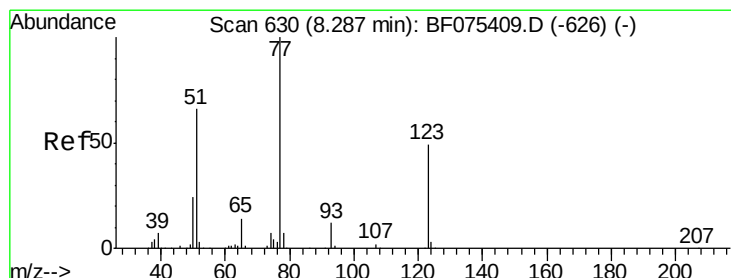
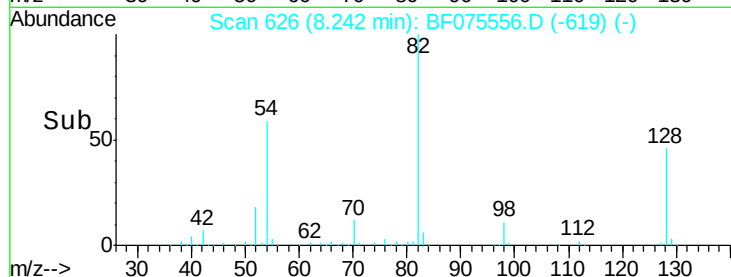
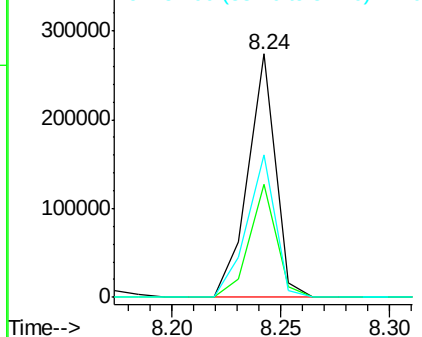
#23
 Nitrobenzene-d5
 Concen: 82.26 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

Tgt Ion: 82 Resp: 242630
 Ion Ratio Lower Upper
 82 100
 128 46.3 37.8 56.6
 54 58.8 49.8 74.8

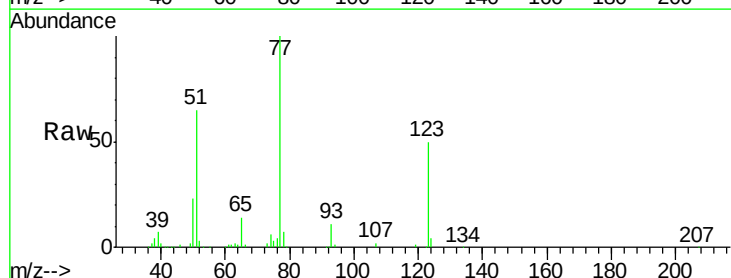


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

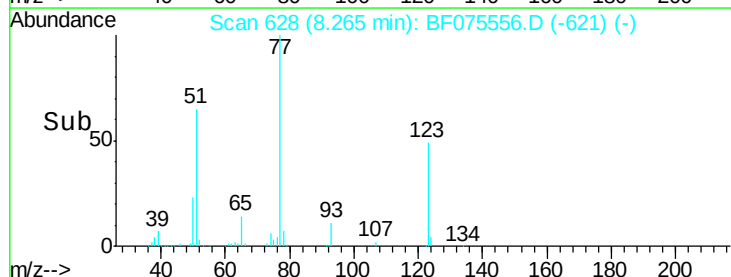
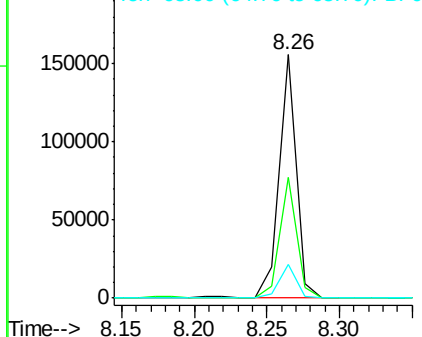


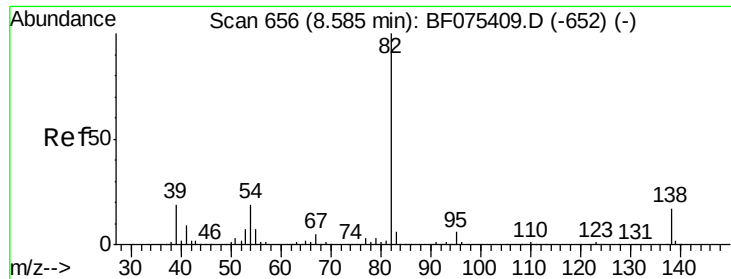
#24
 Nitrobenzene
 Concen: 37.65 ng
 RT: 8.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Tgt Ion: 77 Resp: 128677
 Ion Ratio Lower Upper
 77 100
 123 49.6 39.0 58.4
 65 13.9 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.03 ng

RT: 8.56 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

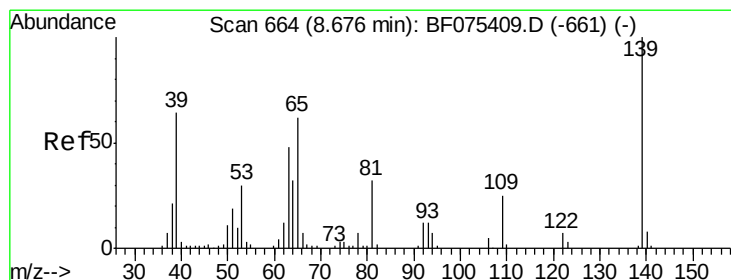
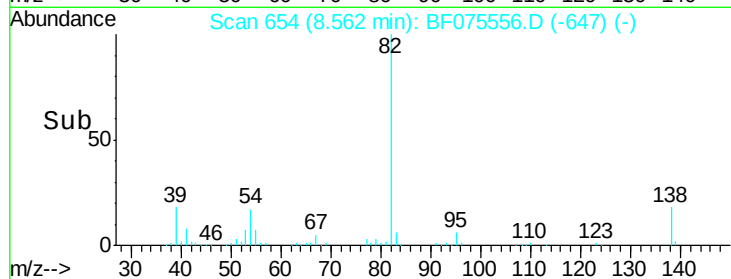
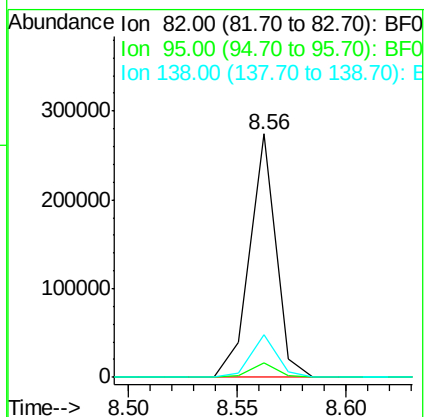
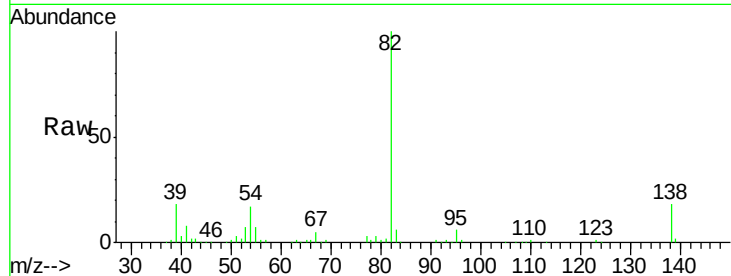
Tgt Ion: 82 Resp: 229167

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 17.8 15.0 22.6



#26

2-Nitrophenol

Concen: 36.39 ng

RT: 8.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

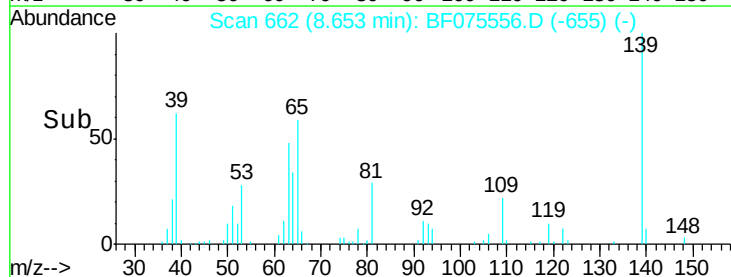
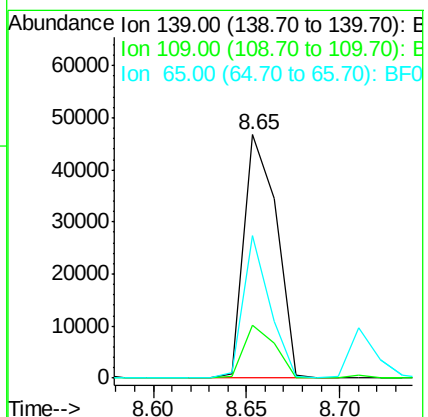
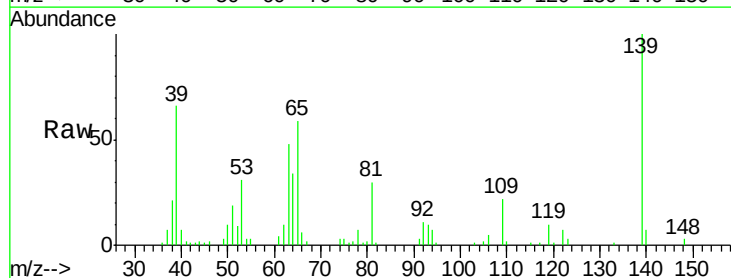
Tgt Ion: 139 Resp: 56684

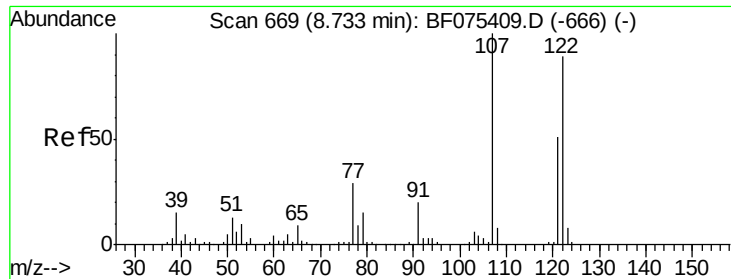
Ion Ratio Lower Upper

139 100

109 21.6 22.3 33.5#

65 58.6 49.1 73.7

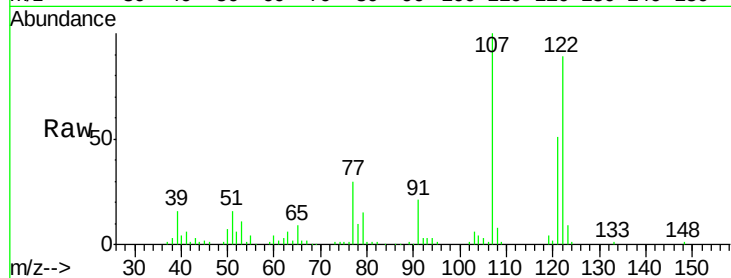




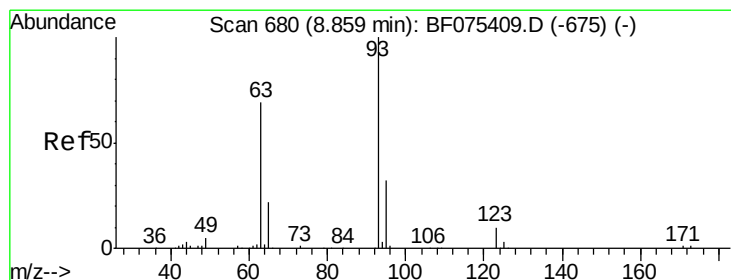
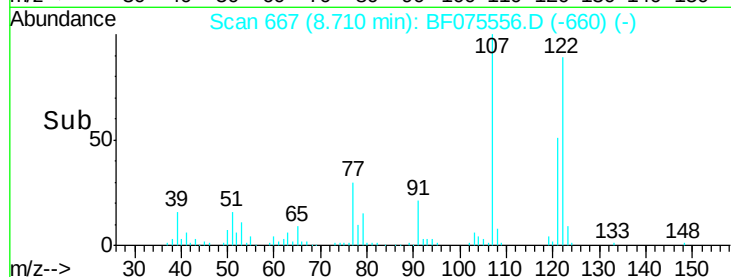
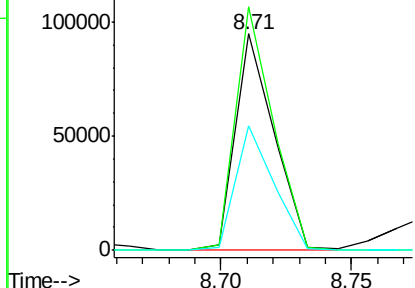
#27
 2,4-Dimethylphenol
 Concen: 32.84 ng
 RT: 8.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

Tgt Ion:122 Resp: 99130
 Ion Ratio Lower Upper
 122 100
 107 112.5 86.5 129.7
 121 57.5 45.4 68.2

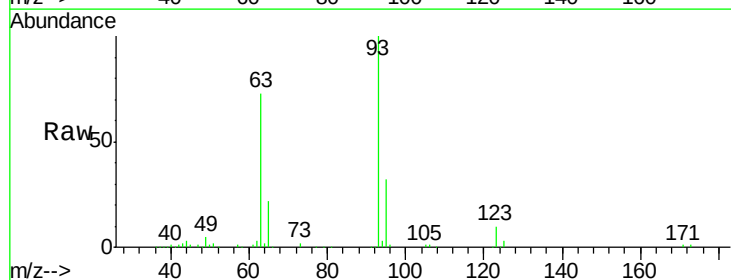


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

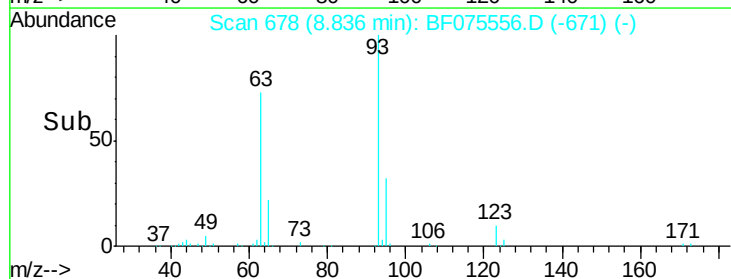
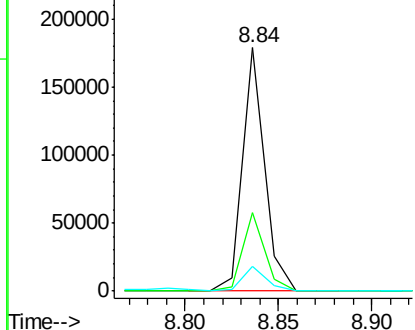


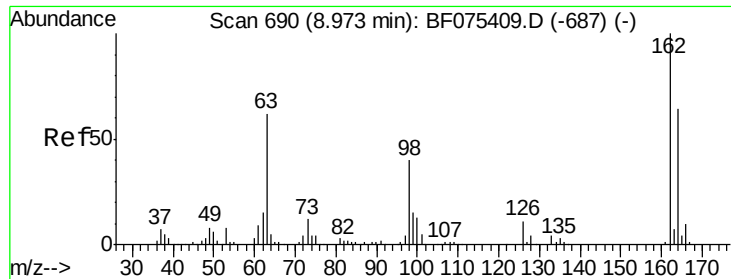
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.86 ng
 RT: 8.84 min Scan# 678
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Tgt Ion: 93 Resp: 147145
 Ion Ratio Lower Upper
 93 100
 95 32.4 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

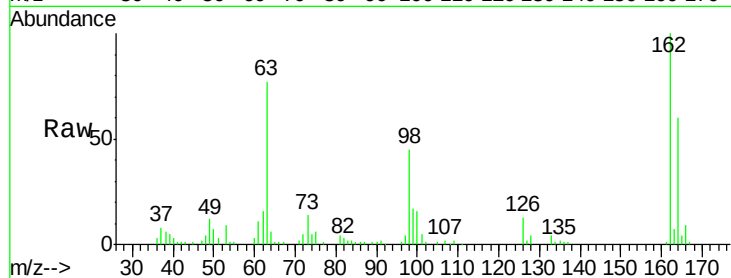




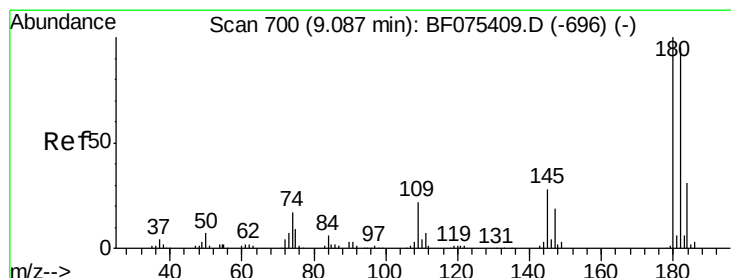
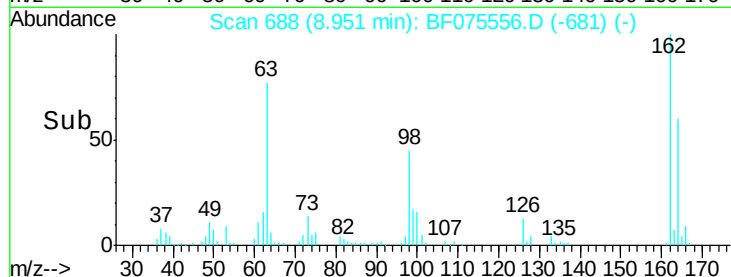
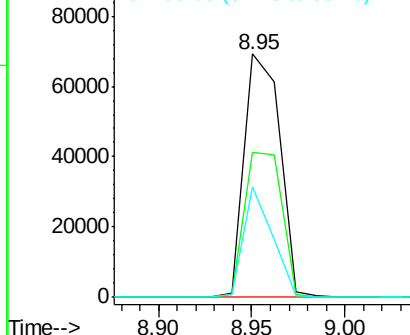
#29
 2,4-Dichlorophenol
 Concen: 34.78 ng
 RT: 8.95 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

Tgt Ion:162 Resp: 91976
 Ion Ratio Lower Upper
 162 100
 164 59.7 43.8 83.8
 98 45.4 14.6 54.6

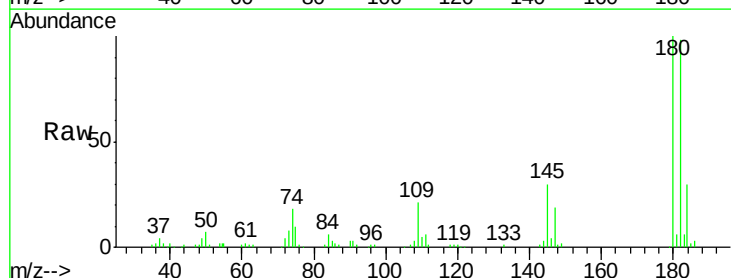


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

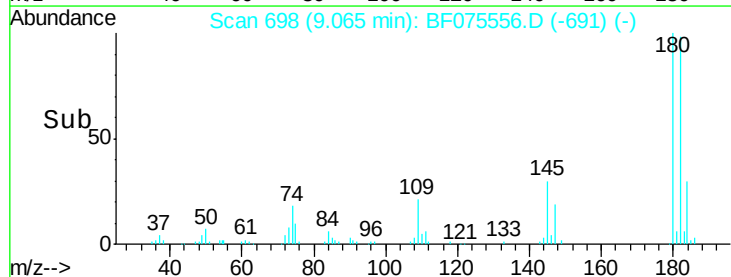
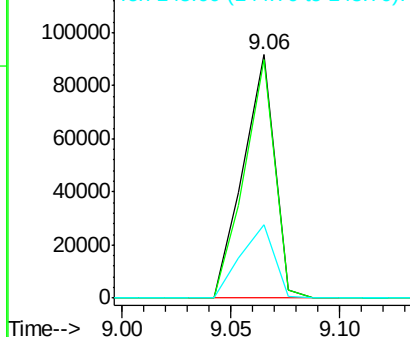


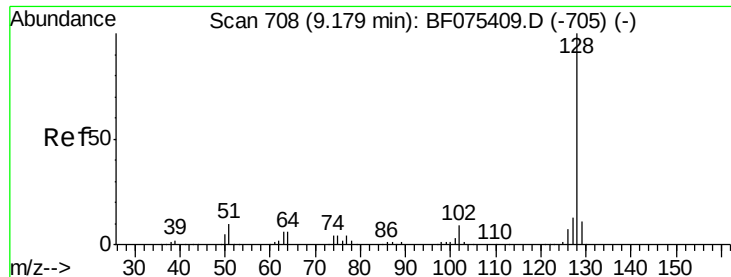
#30
 1,2,4-Trichlorobenzene
 Concen: 33.24 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Tgt Ion:180 Resp: 92294
 Ion Ratio Lower Upper
 180 100
 182 98.2 78.4 117.6
 145 30.1 22.3 33.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

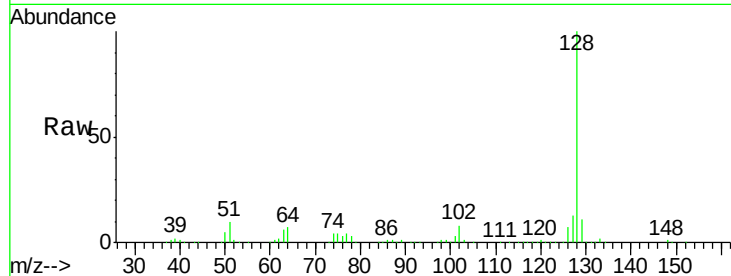




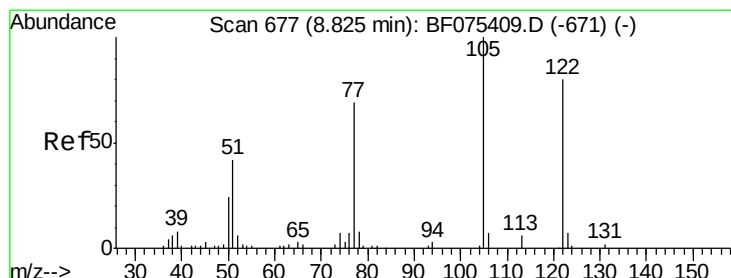
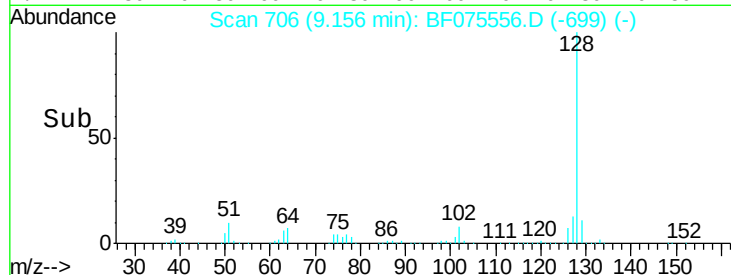
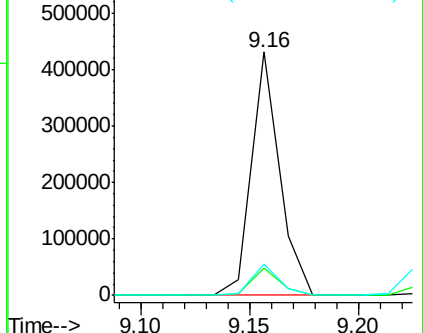
#31
Naphthalene
Concen: 40.23 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)MSD

Tgt Ion:128 Resp: 387806
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 12.7 10.2 15.4

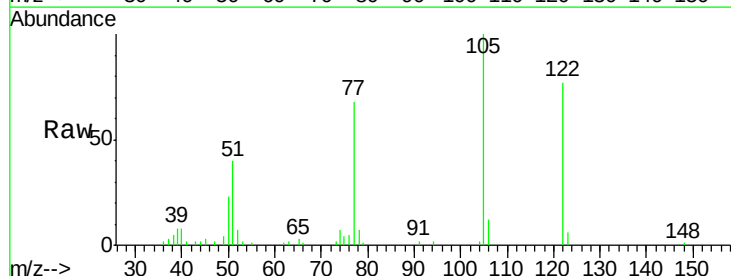


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

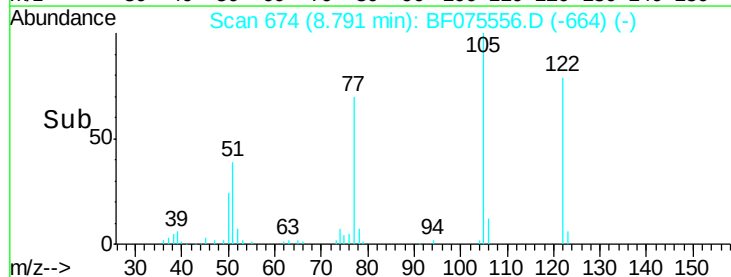
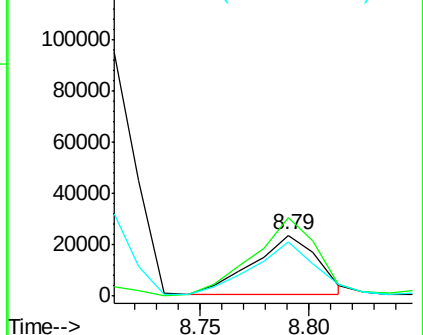


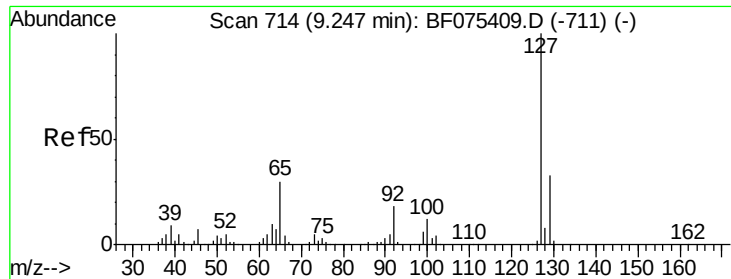
#32
Benzoic acid
Concen: 26.29 ng
RT: 8.79 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Tgt Ion:122 Resp: 47944
Ion Ratio Lower Upper
122 100
105 129.4 95.1 135.1
77 88.3 62.6 102.6



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

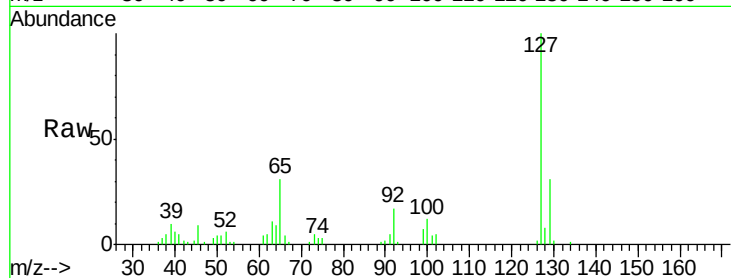




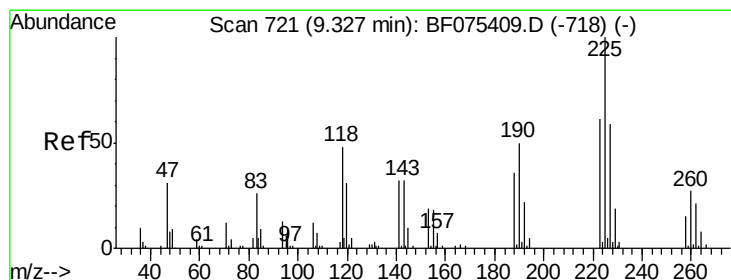
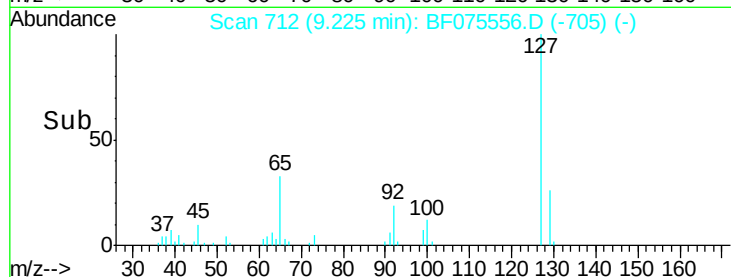
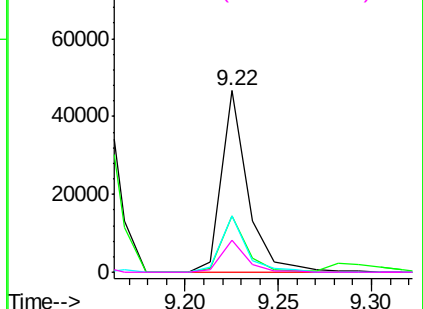
#33
4-Chloroaniline
Concen: 11.12 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)MSD

Tgt Ion:	127	Resp:	46577
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.5	38.3
65	30.8	22.8	34.2
92	17.5	13.8	20.6

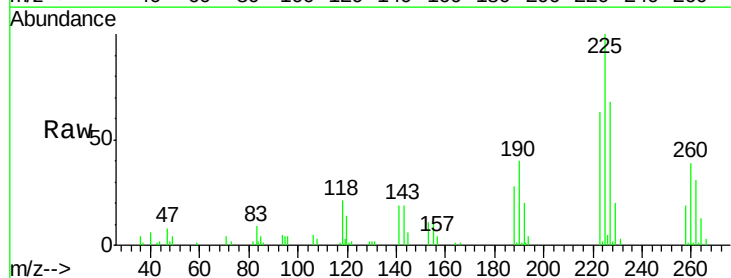


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

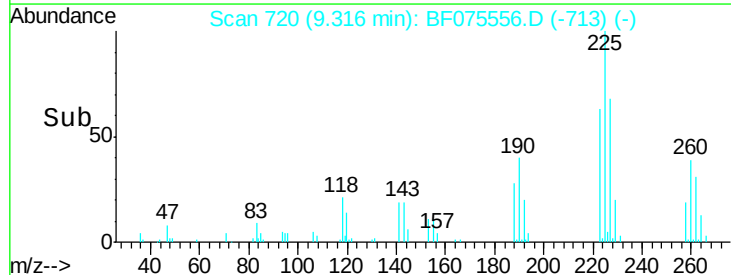
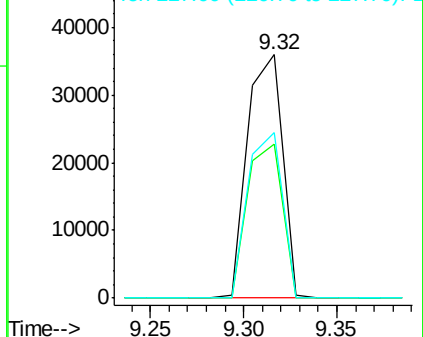


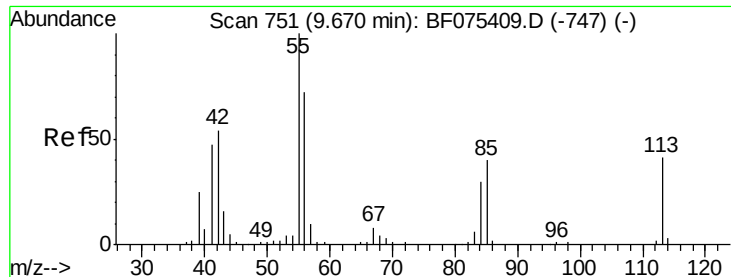
#34
Hexachlorobutadiene
Concen: 31.30 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Tgt Ion:	225	Resp:	46972
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	68.2	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

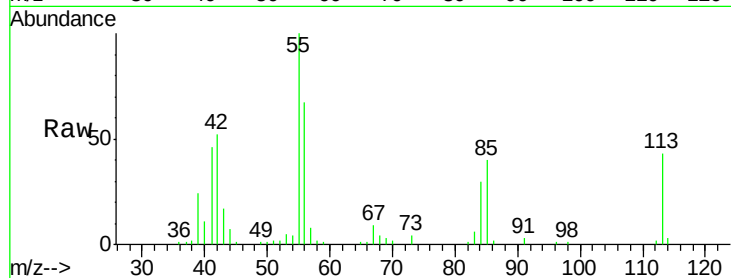




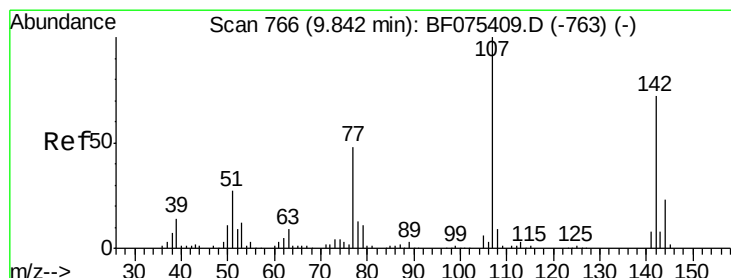
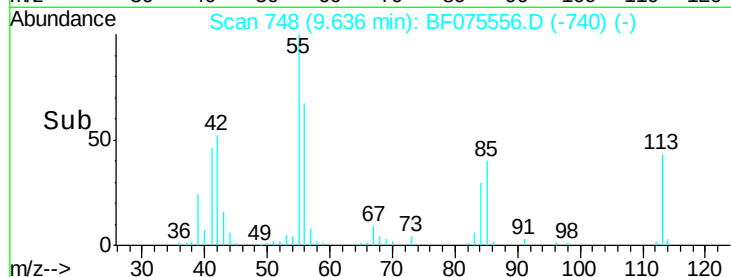
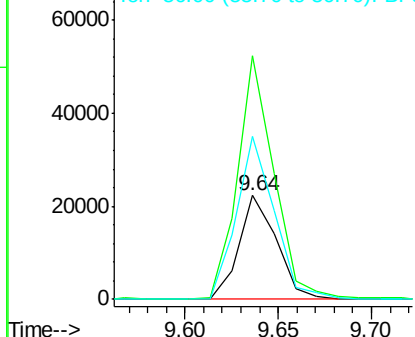
#35
 Caprolactam
 Concen: 35.58 ng
 RT: 9.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

Tgt Ion:113 Resp: 31183
 Ion Ratio Lower Upper
 113 100
 55 234.8 226.9 266.9
 56 157.3 148.4 188.4

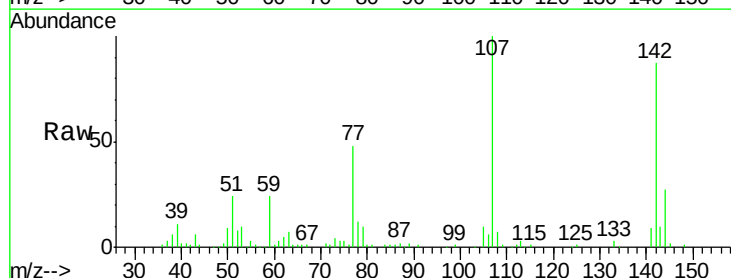


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

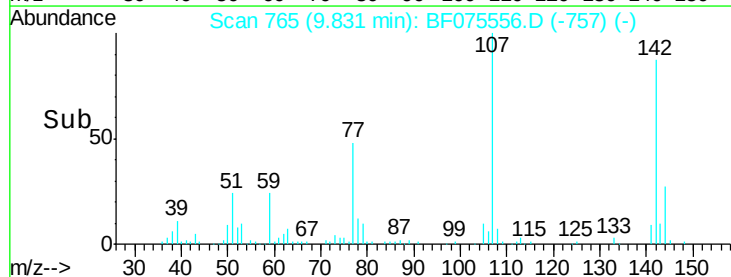
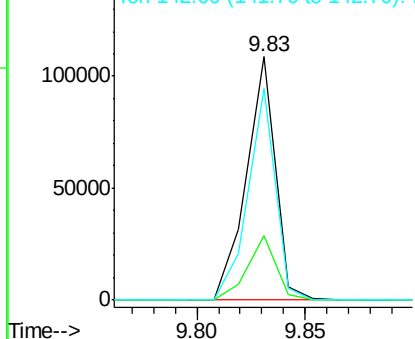


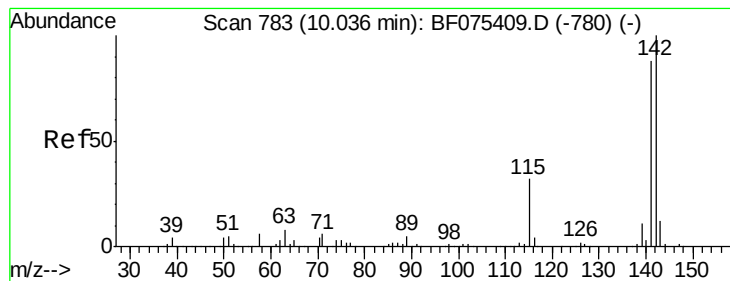
#36
 4-Chloro-3-methylphenol
 Concen: 34.71 ng
 RT: 9.83 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Tgt Ion:107 Resp: 100700
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.1 28.7
 142 86.9 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: 36.53 ng

RT: 10.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

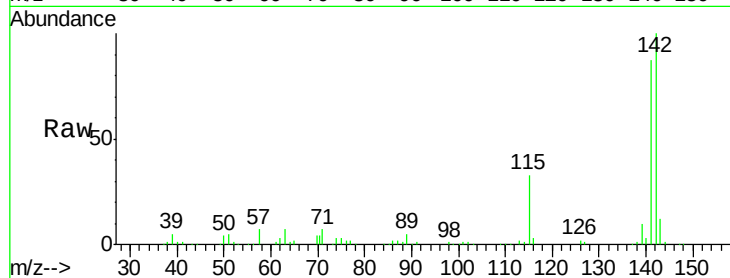
Tgt Ion:142 Resp: 240241

Ion Ratio Lower Upper

142 100

141 87.4 69.9 104.9

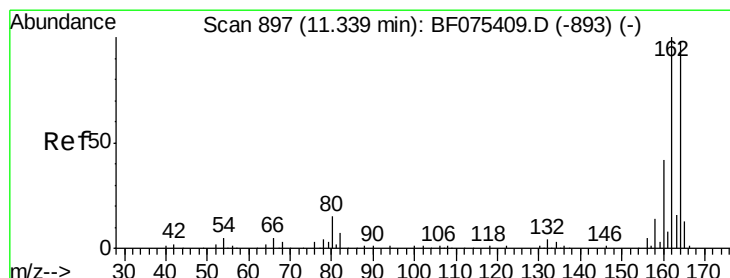
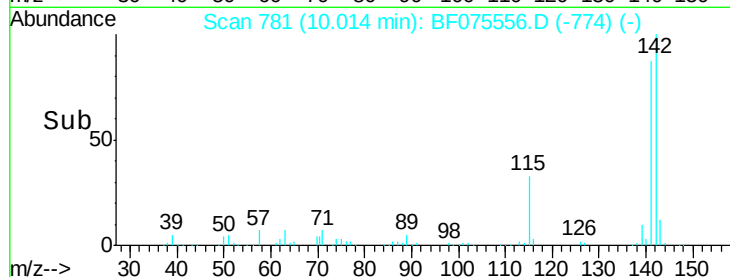
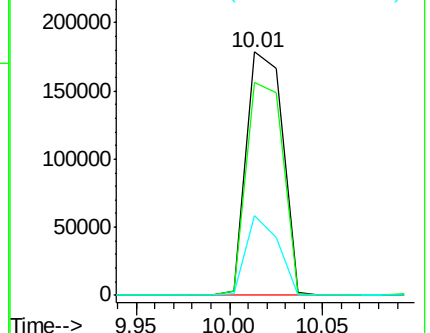
115 32.9 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

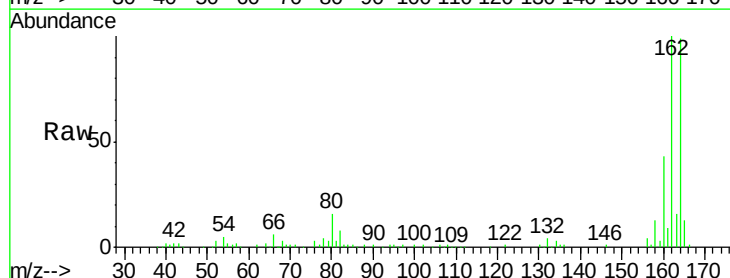
Tgt Ion:164 Resp: 112608

Ion Ratio Lower Upper

164 100

162 101.5 79.1 118.7

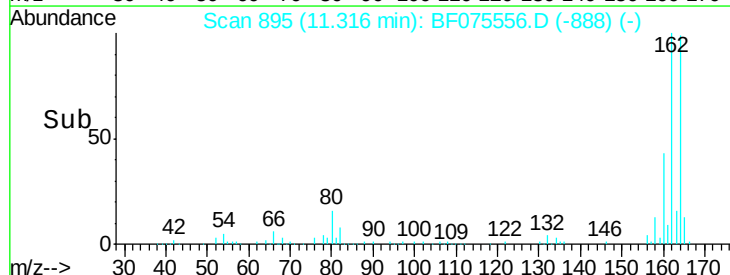
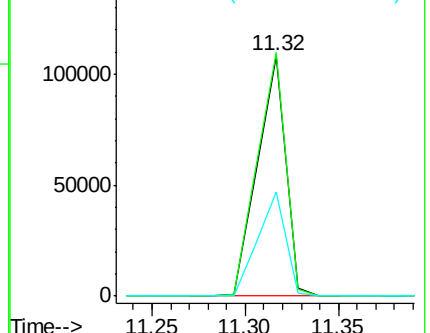
160 43.1 34.6 51.8

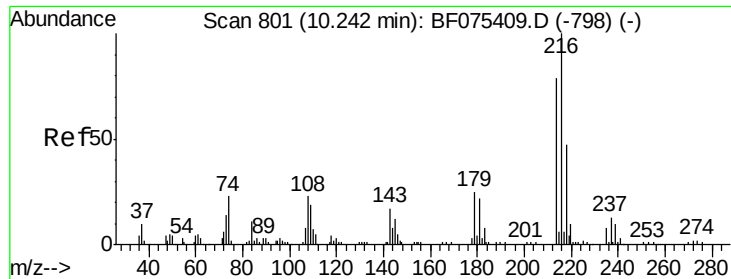


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

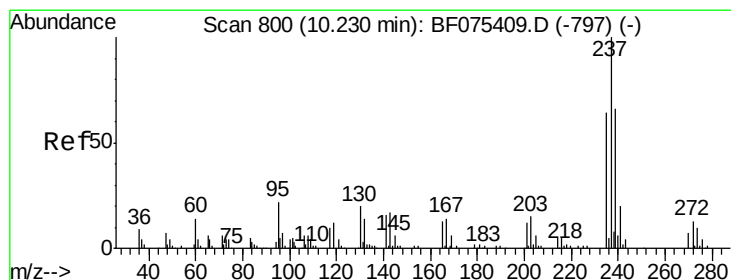
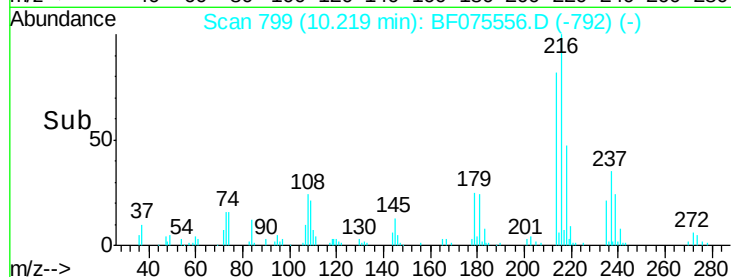
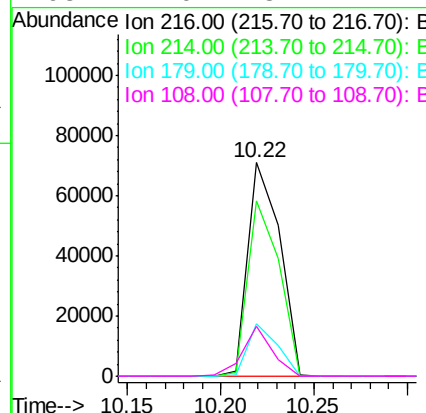
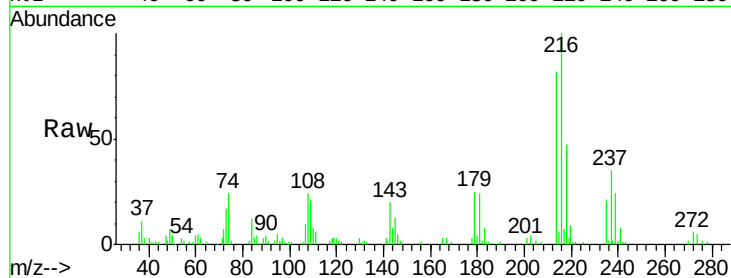




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.54 ng
 RT: 10.22 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

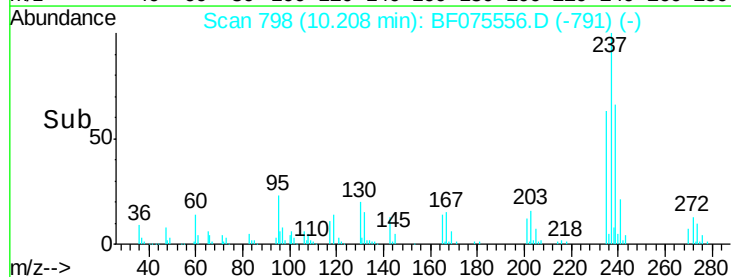
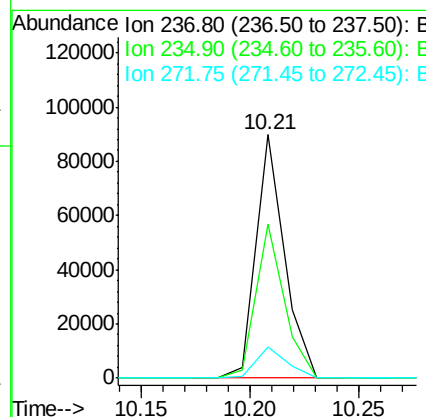
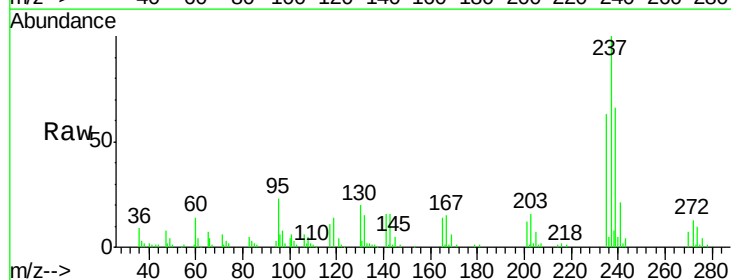
Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

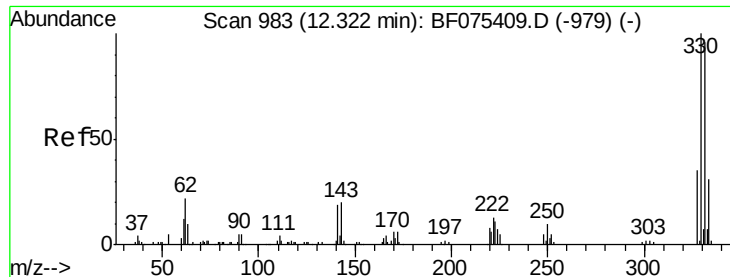
Tgt Ion:	216	Resp:	84579
Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.8	94.2
179	22.9	18.7	28.1
108	22.0	18.1	27.1



#40
 Hexachlorocyclopentadiene
 Concen: 58.00 ng
 RT: 10.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Tgt Ion:	237	Resp:	81555
Ion	Ratio	Lower	Upper
237	100		
235	63.3	45.7	85.7
272	12.7	0.0	32.6

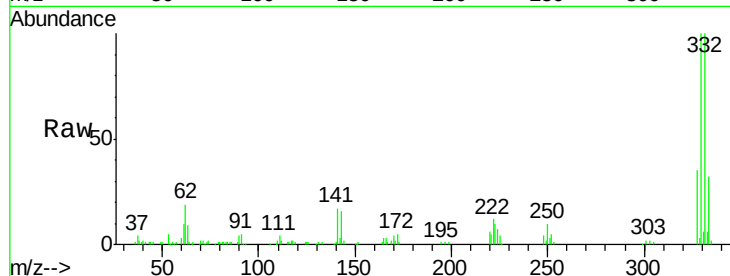




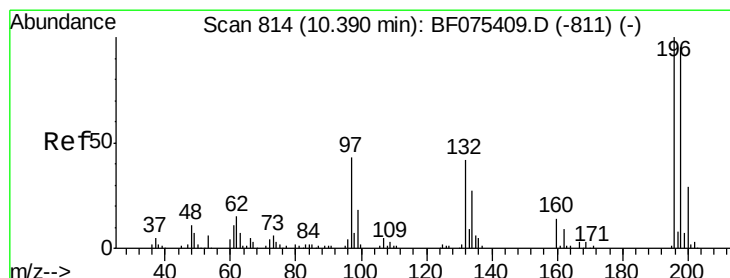
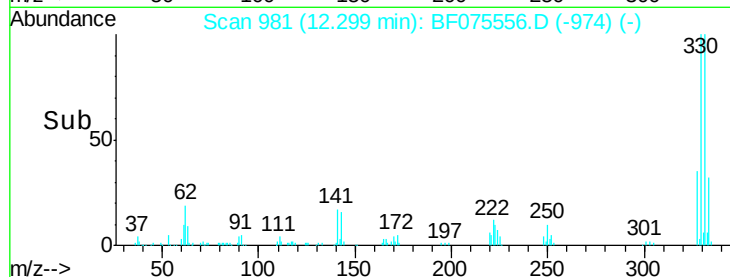
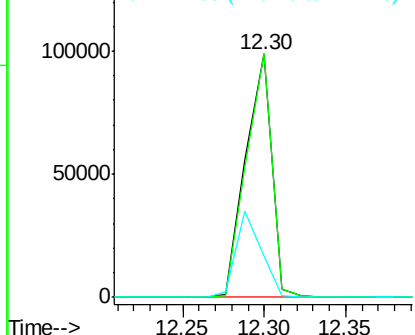
#41
 2,4,6-Tribromophenol
 Concen: 116.18 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	74.5	111.7
141	34.1	30.7	46.1

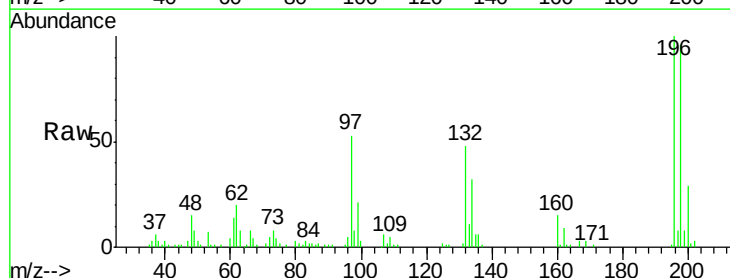


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

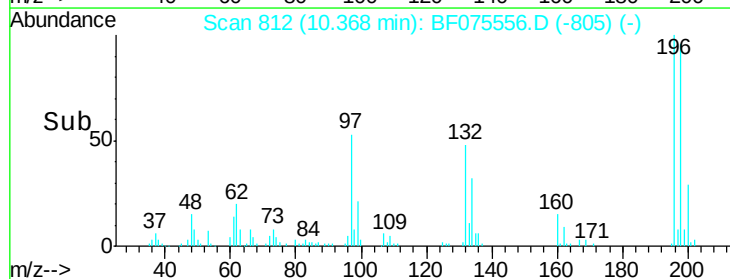
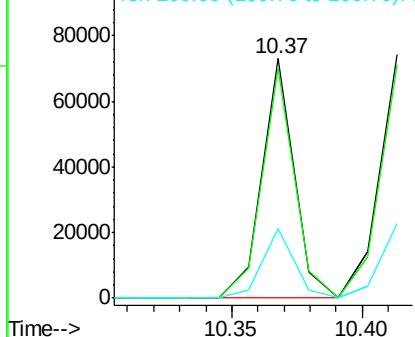


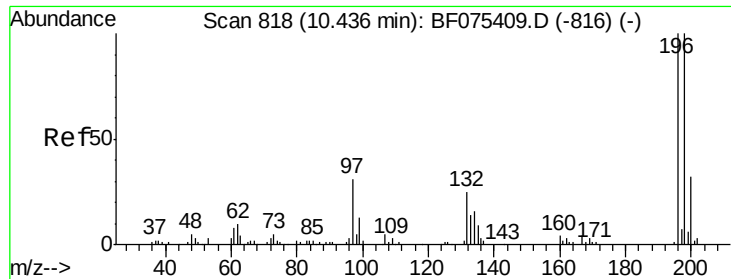
#42
 2,4,6-Trichlorophenol
 Concen: 33.81 ng
 RT: 10.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
200	29.3	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

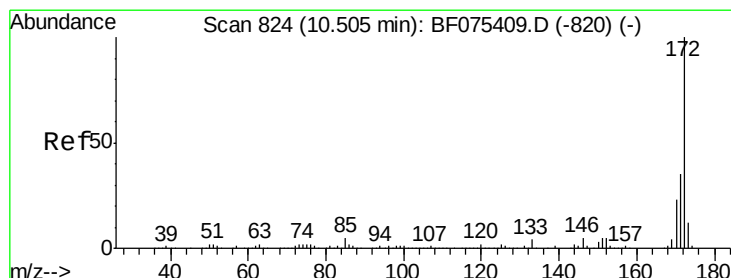
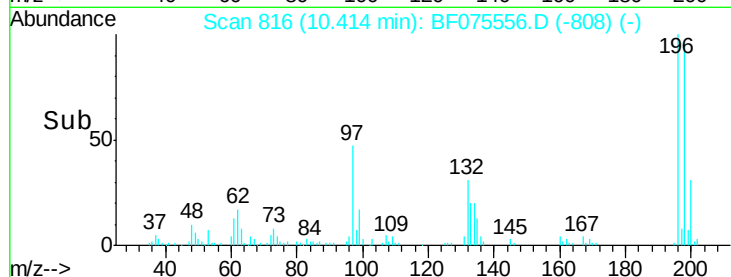
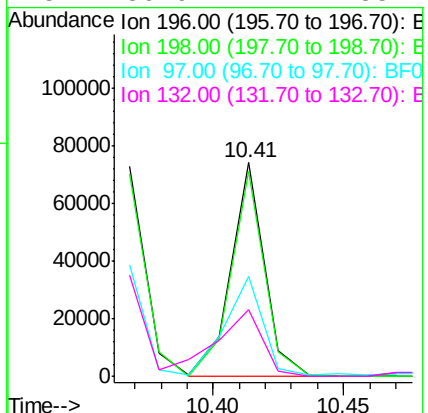
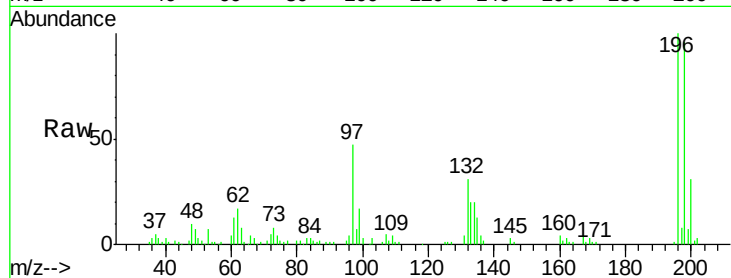




#43
 2,4,5-Trichlorophenol
 Concen: 34.92 ng
 RT: 10.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

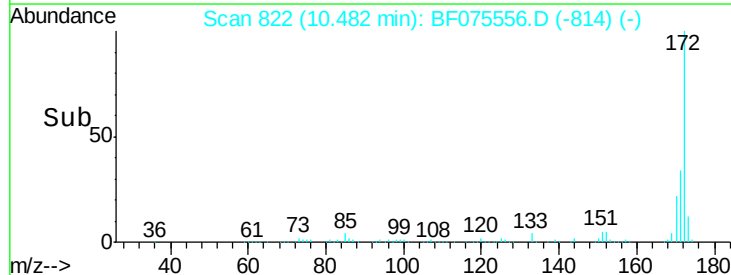
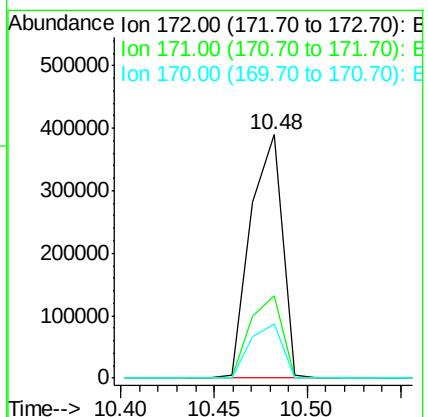
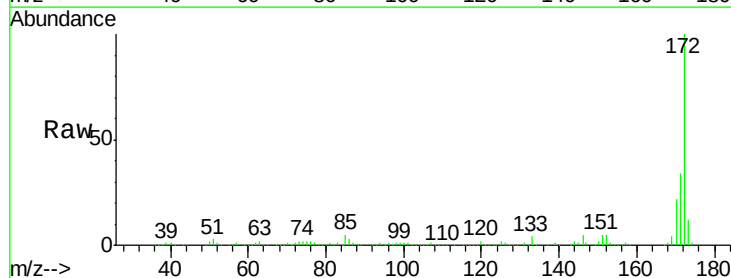
Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

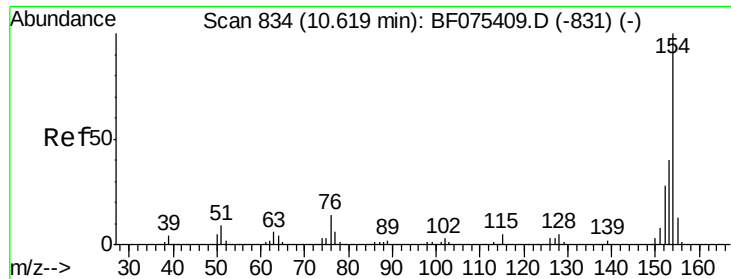
Tgt Ion:196 Resp: 66946
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.2 117.4
 97 46.8 29.9 44.9#
 132 30.9 22.2 33.2



#44
 2-Fluorobiphenyl
 Concen: 74.85 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Tgt Ion:172 Resp: 466444
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.3 40.9
 170 22.5 18.4 27.6

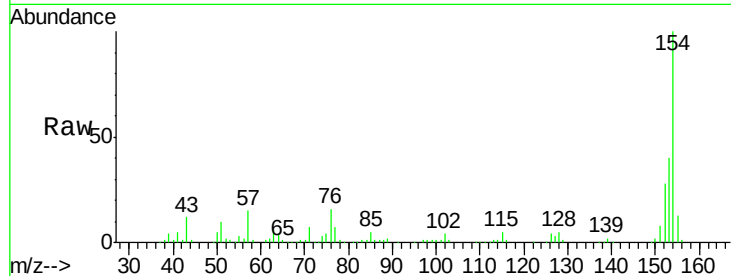




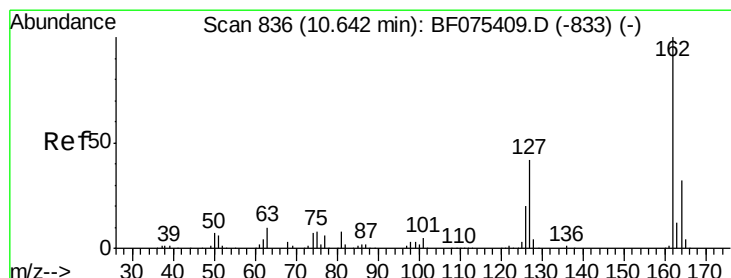
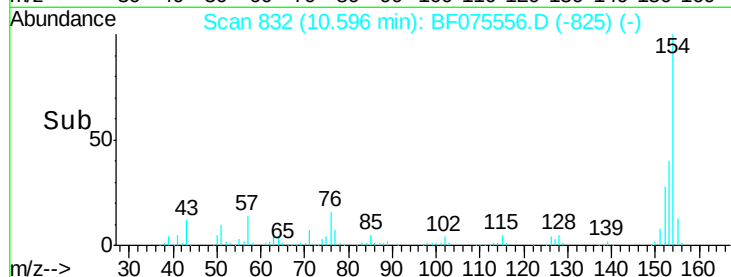
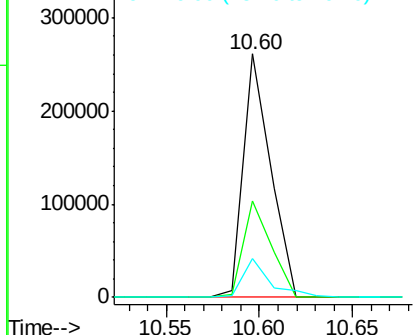
#45
 1,1'-Biphenyl
 Concen: 34.99 ng
 RT: 10.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

Tgt Ion:	154	Resp:	265790
Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.3	59.3
76	16.0	0.0	35.0

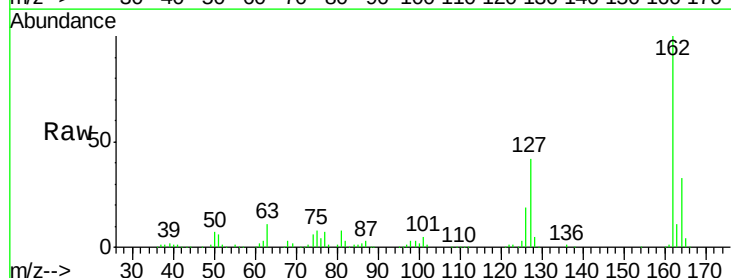


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

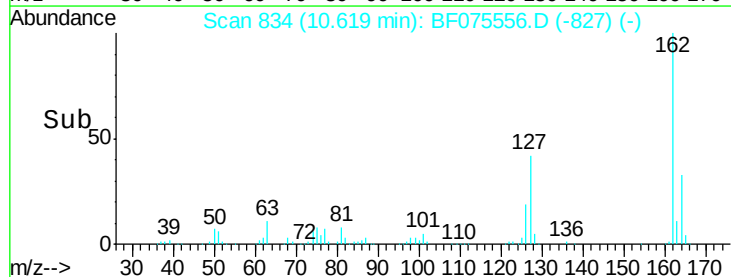
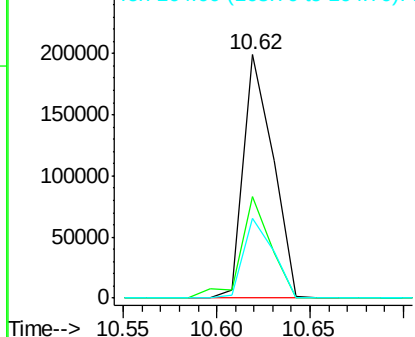


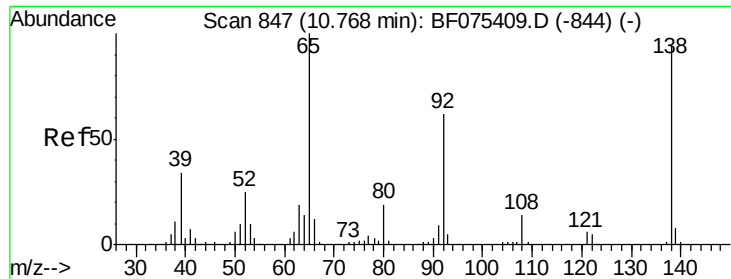
#46
 2-Chloronaphthalene
 Concen: 36.93 ng
 RT: 10.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Tgt Ion:	162	Resp:	219318
Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.6	51.8
164	32.8	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

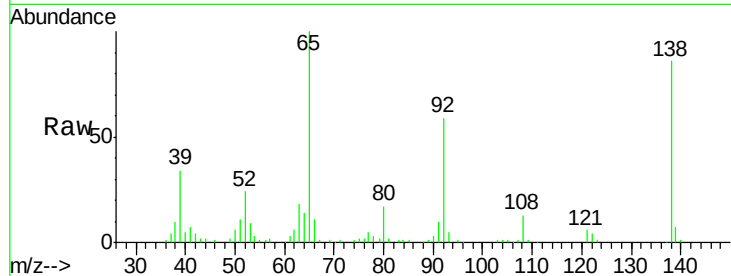




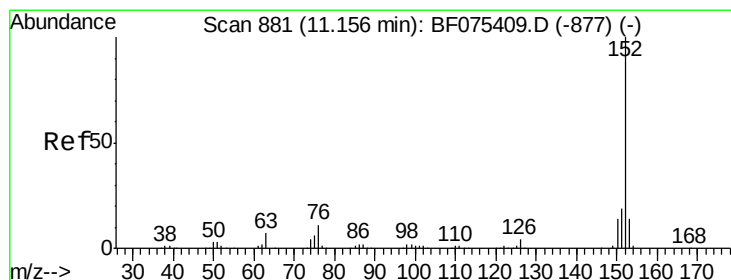
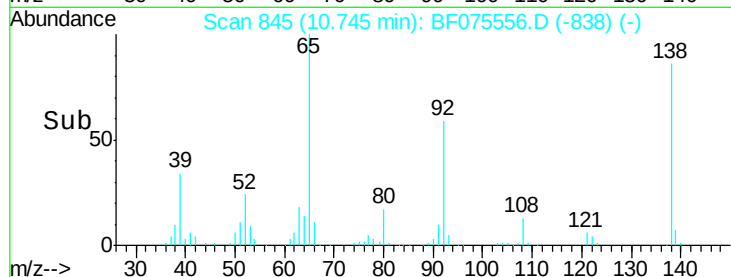
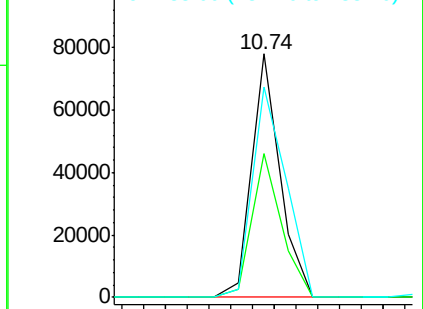
#47
2-Nitroaniline
Concen: 39.52 ng
RT: 10.74 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)MSD

Tgt Ion: 65 Resp: 70620
Ion Ratio Lower Upper
65 100
92 59.2 46.7 70.1
138 86.3 62.8 94.2

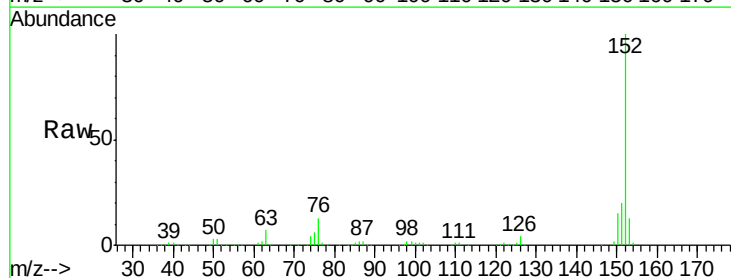


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

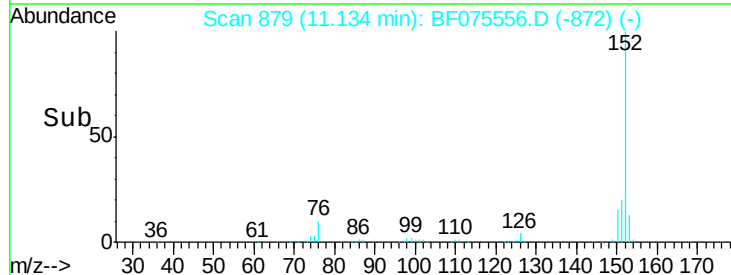
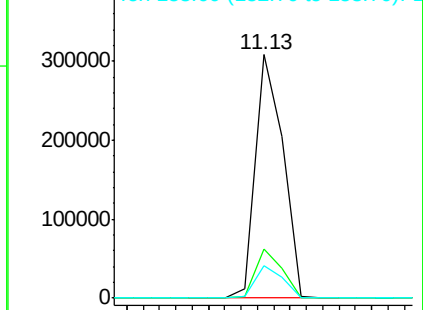


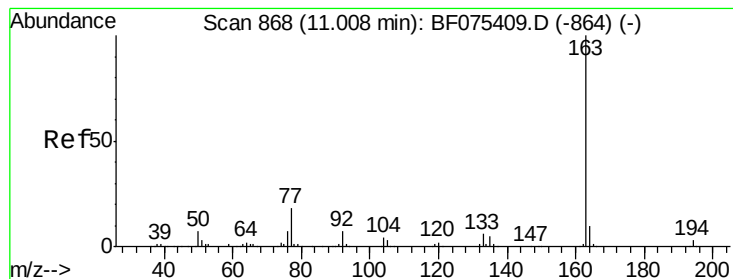
#48
Acenaphthylene
Concen: 36.95 ng
RT: 11.13 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Tgt Ion: 152 Resp: 361839
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.2
153 13.3 10.0 15.0



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





#49

Dimethylphthalate

Concen: 40.61 ng

RT: 10.99 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

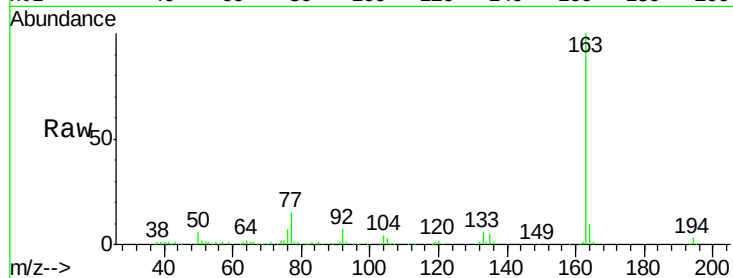
Tgt Ion:163 Resp: 312626

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

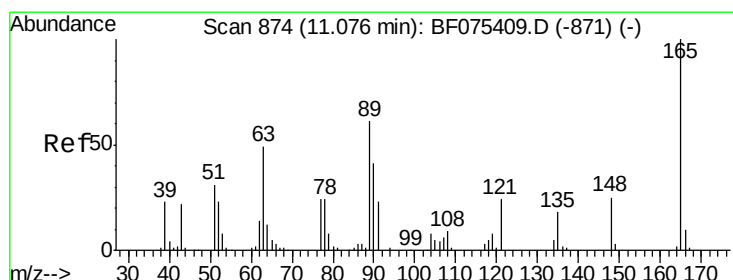
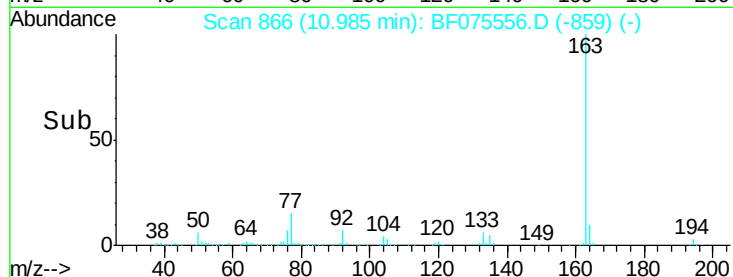
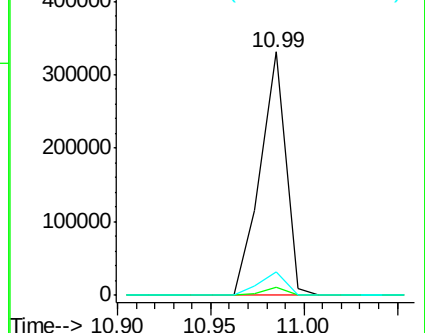
164 9.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.06 ng

RT: 11.05 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

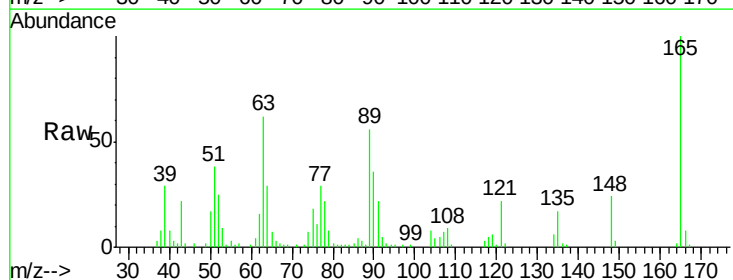
Tgt Ion:165 Resp: 54669

Ion Ratio Lower Upper

165 100

63 61.7 61.2 91.8

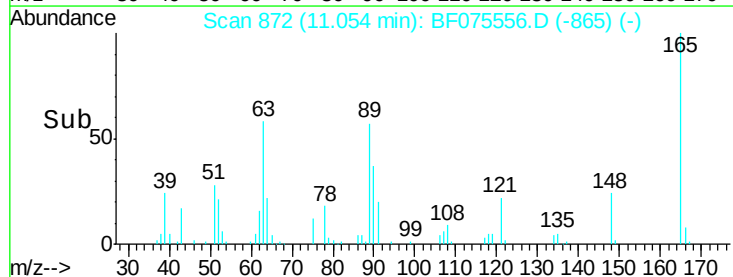
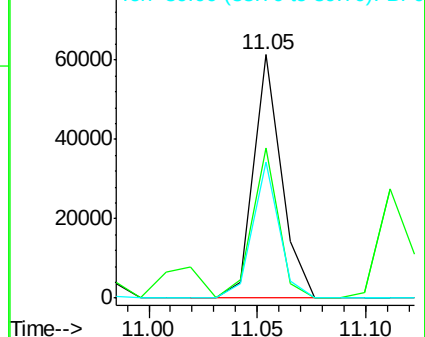
89 55.9 52.5 78.7

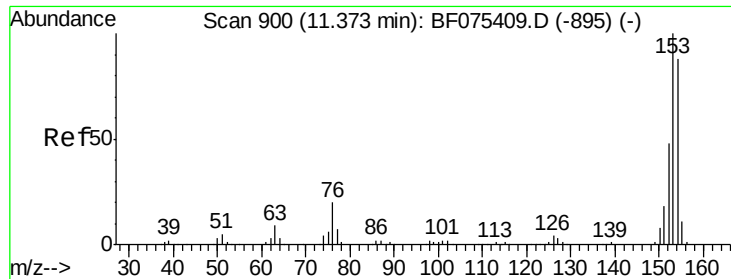


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.03 ng

RT: 11.35 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

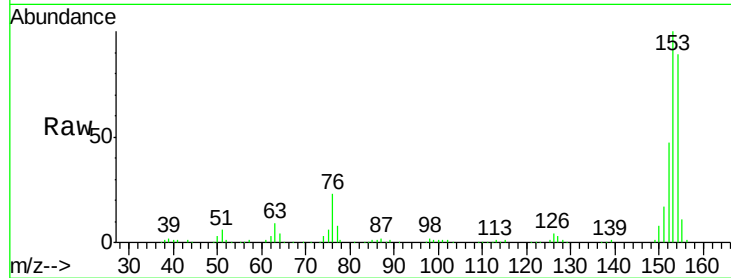
Tgt Ion:154 Resp: 224816

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

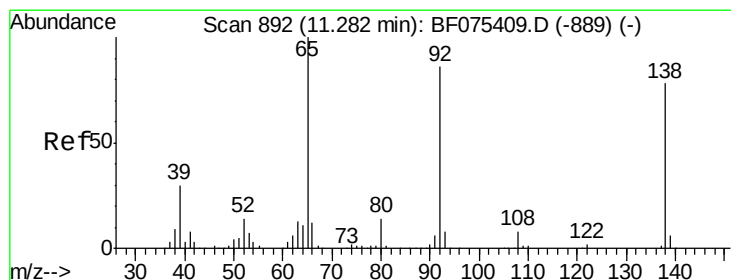
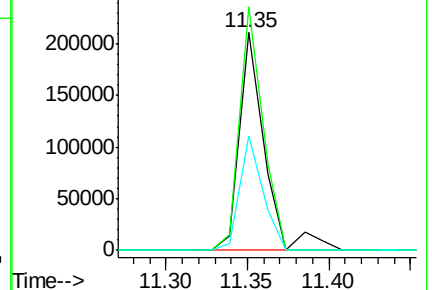
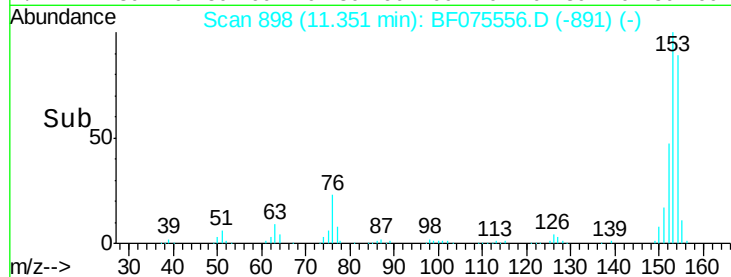
152 52.4 43.4 65.0



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: 24.34 ng

RT: 11.26 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

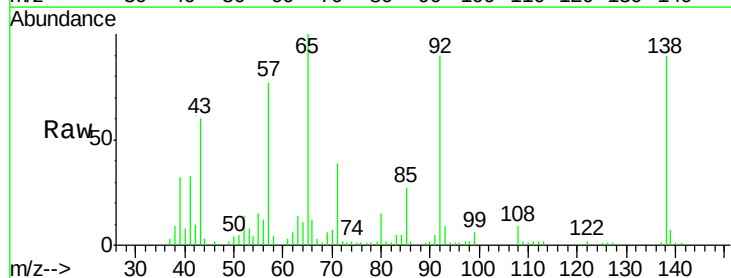
Tgt Ion:138 Resp: 43518

Ion Ratio Lower Upper

138 100

108 9.9 10.2 15.2#

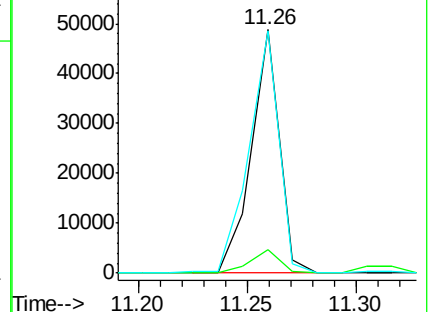
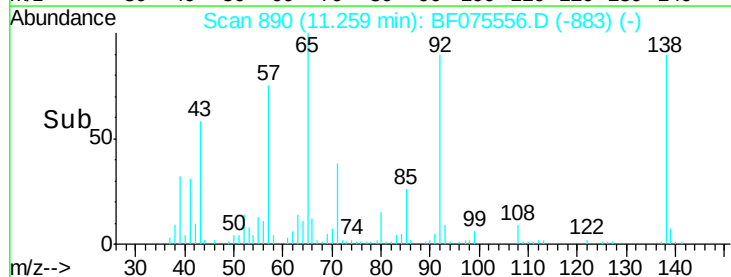
92 99.5 91.0 136.6

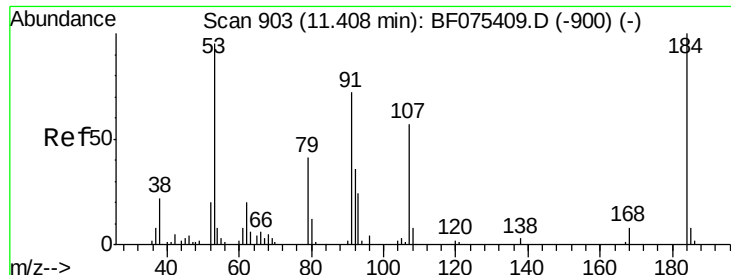


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

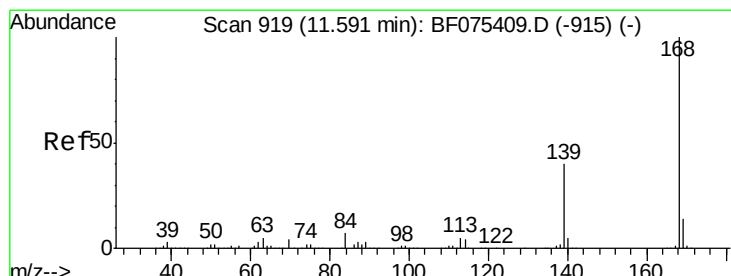
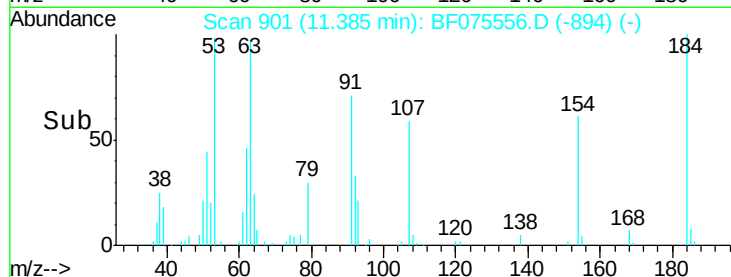
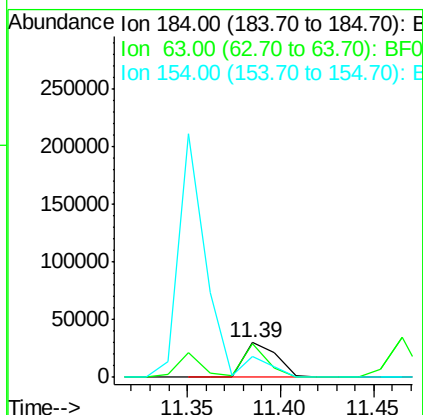
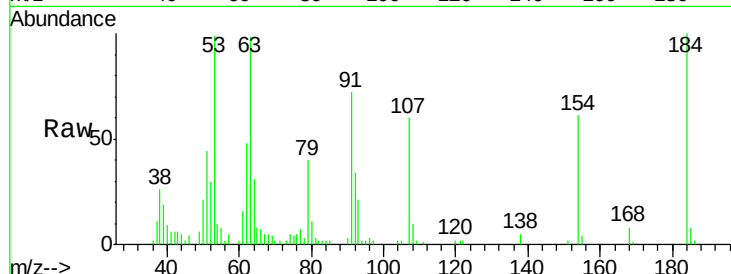




#53
2,4-Dinitrophenol
Concen: 51.15 ng
RT: 11.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

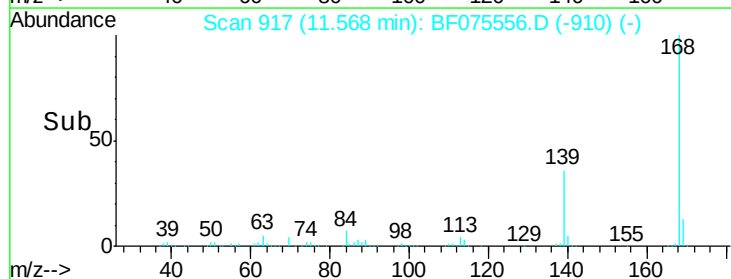
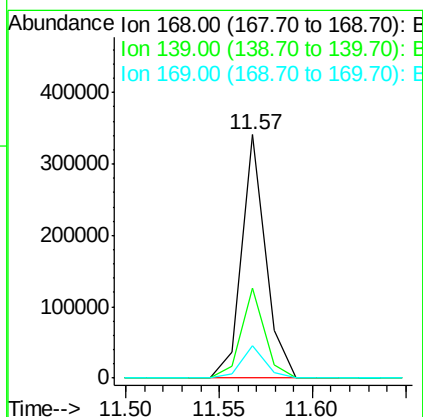
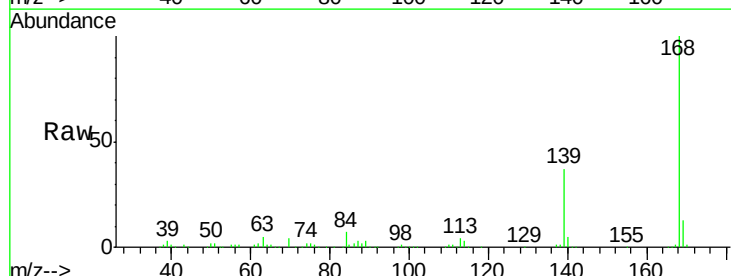
Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)MSD

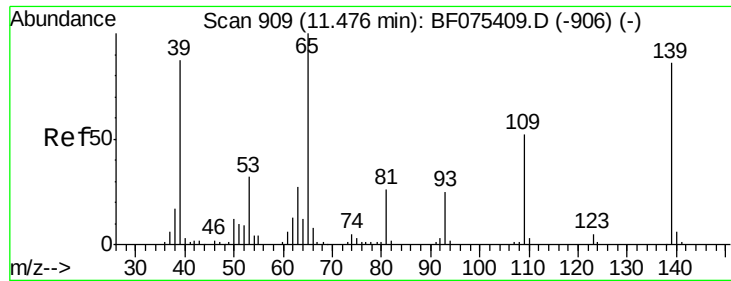
Tgt Ion:184 Resp: 36549
Ion Ratio Lower Upper
184 100
63 97.7 96.3 144.5
154 61.2 56.2 84.4



#54
Dibenzofuran
Concen: 36.14 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Tgt Ion:168 Resp: 305314
Ion Ratio Lower Upper
168 100
139 36.9 33.0 49.4
169 13.1 10.8 16.2

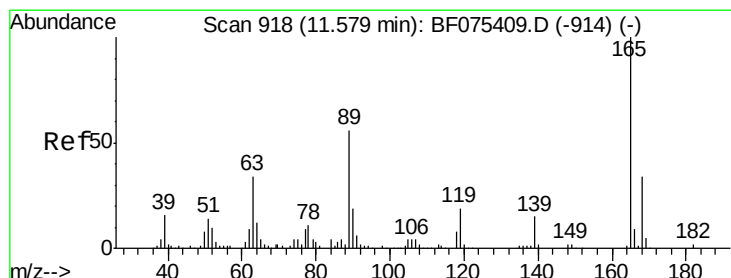
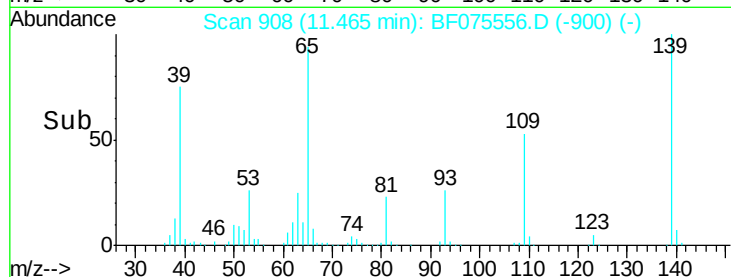
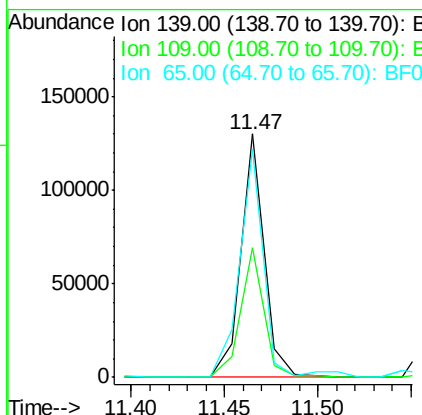
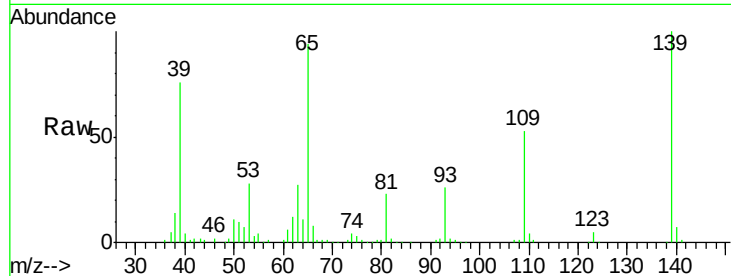




#55
4-Nitrophenol
Concen: 79.52 ng
RT: 11.47 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

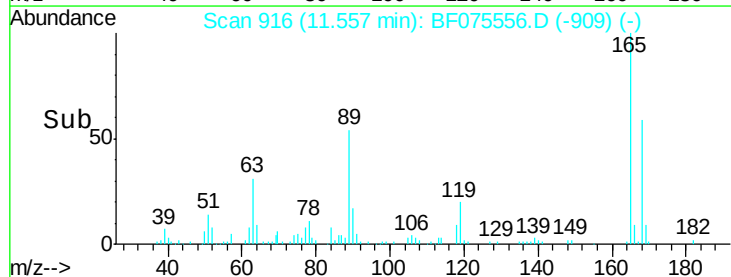
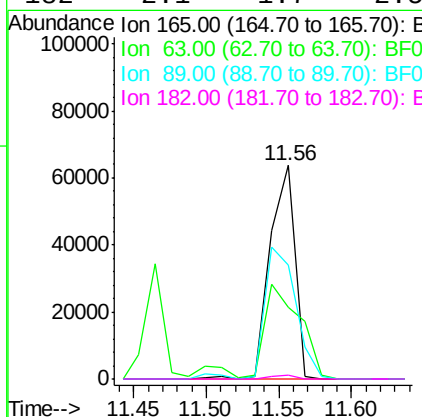
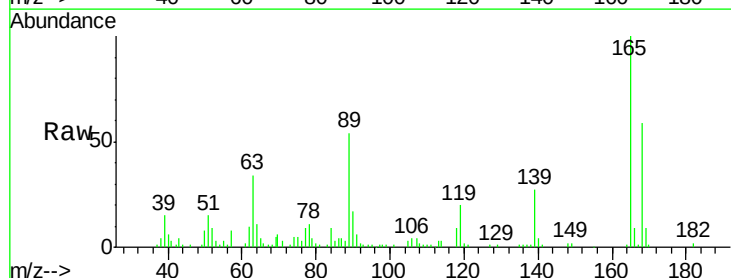
Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)MSD

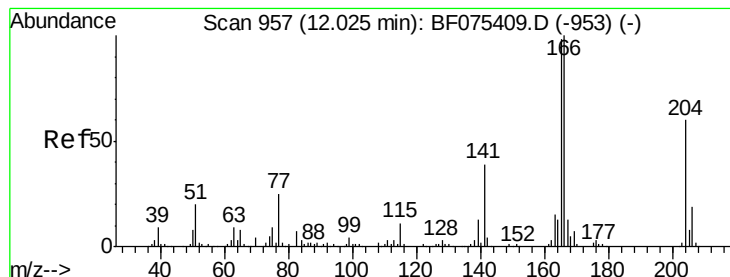
Tgt Ion:139 Resp: 113641
Ion Ratio Lower Upper
139 100
109 53.2 45.8 85.8
65 93.6 94.8 134.8#



#56
2,4-Dinitrotoluene
Concen: 38.07 ng
RT: 11.56 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Tgt Ion:165 Resp: 75838
Ion Ratio Lower Upper
165 100
63 33.6 27.0 40.6
89 53.5 47.8 71.6
182 2.1 1.7 2.5





#57

Fluorene

Concen: 36.60 ng

RT: 11.99 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

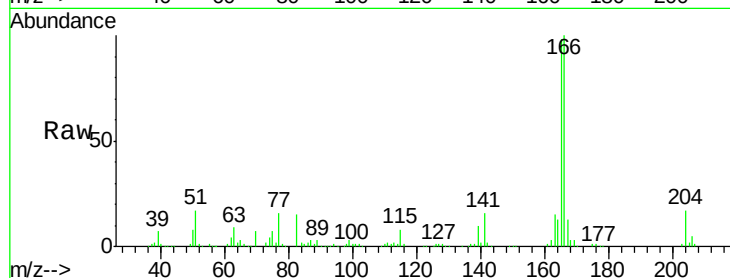
Tgt Ion:166 Resp: 250040

Ion Ratio Lower Upper

166 100

165 97.9 78.8 118.2

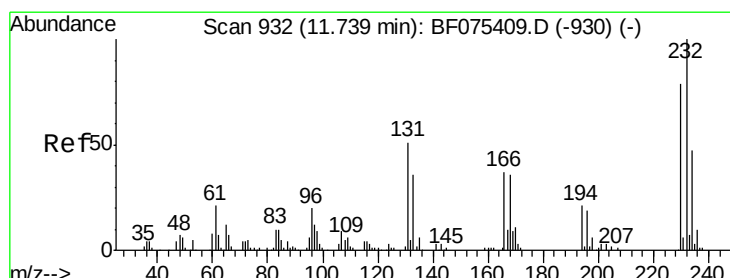
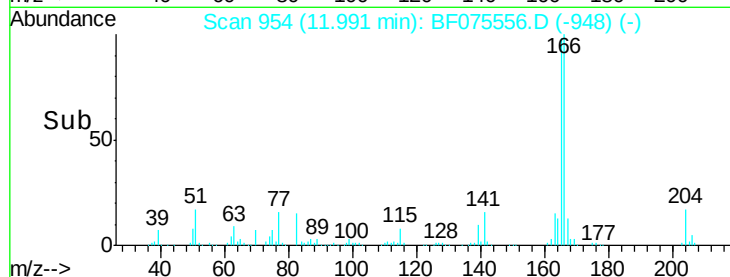
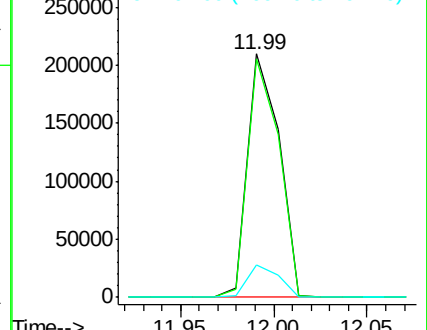
167 13.4 10.6 15.8



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: 35.71 ng

RT: 11.72 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Tgt Ion:232 Resp: 54345

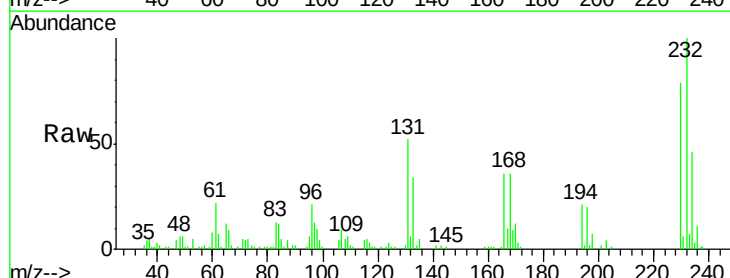
Ion Ratio Lower Upper

232 100

131 52.8 44.6 67.0

130 1.9 2.5 3.7#

166 35.5 29.3 43.9

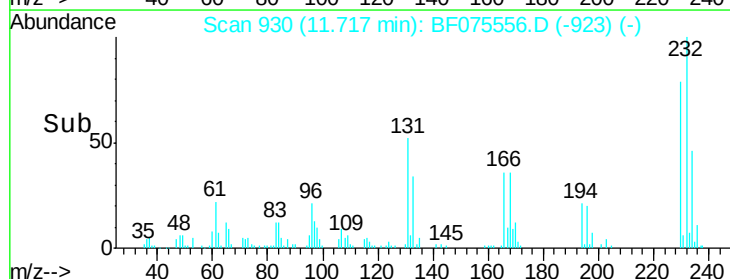
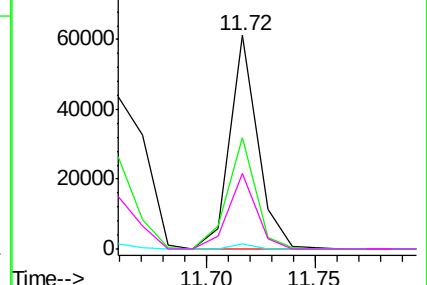


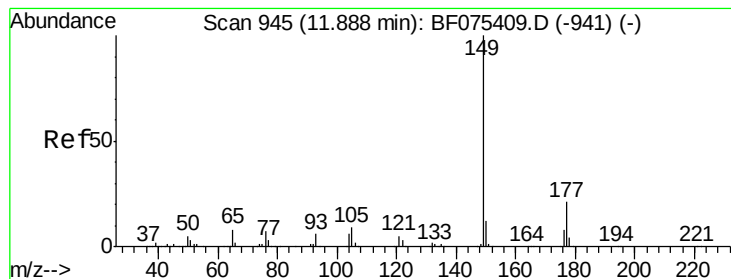
Abundance Ion 232.00 (231.70 to 232.70): E

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: 31.10 ng

RT: 11.87 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

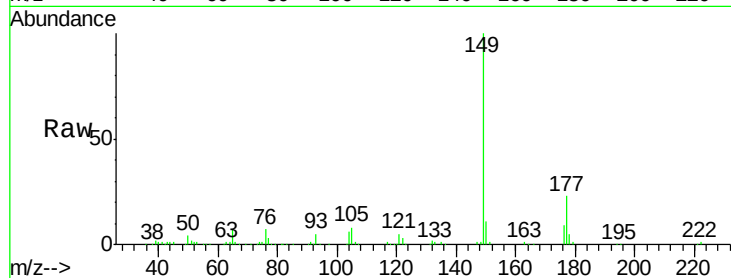
Tgt Ion:149 Resp: 248409

Ion Ratio Lower Upper

149 100

177 22.9 15.8 23.8

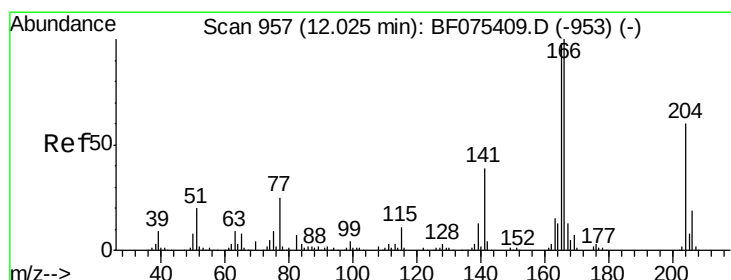
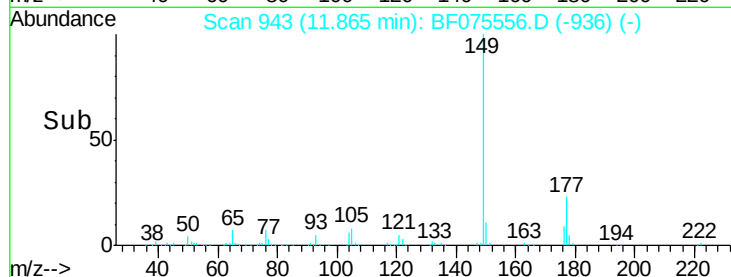
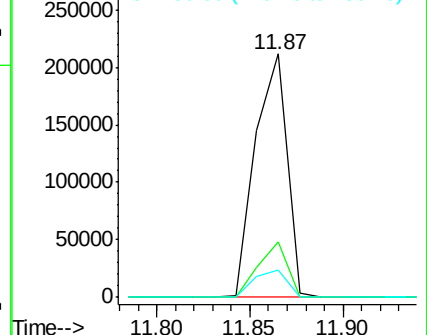
150 11.2 9.9 14.9



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: 35.59 ng

RT: 12.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

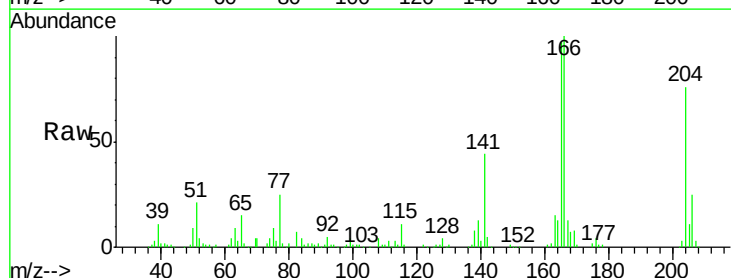
Tgt Ion:204 Resp: 104537

Ion Ratio Lower Upper

204 100

206 32.5 25.1 37.7

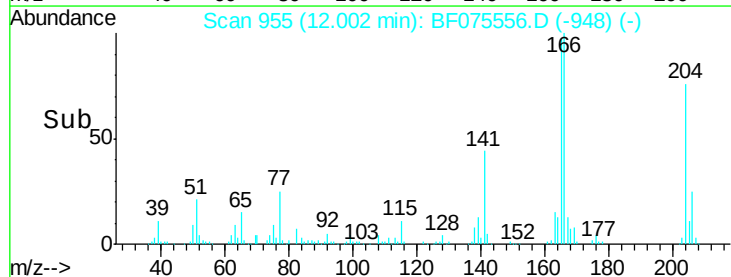
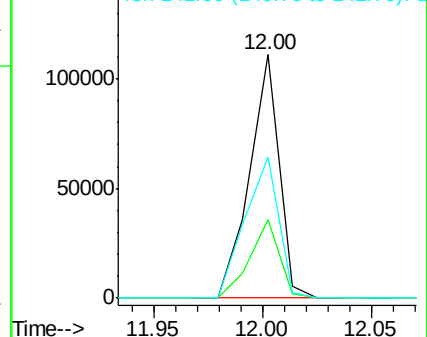
141 58.0 58.6 87.8#

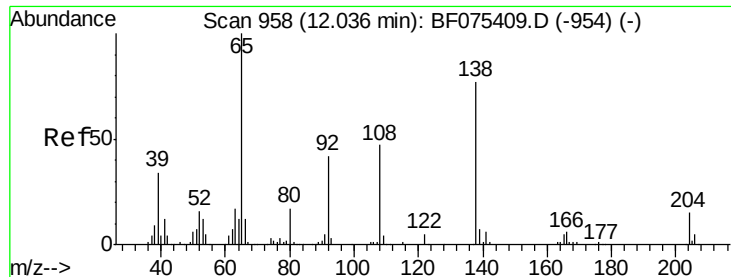


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

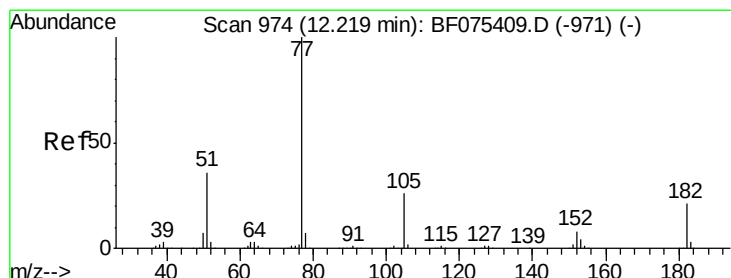
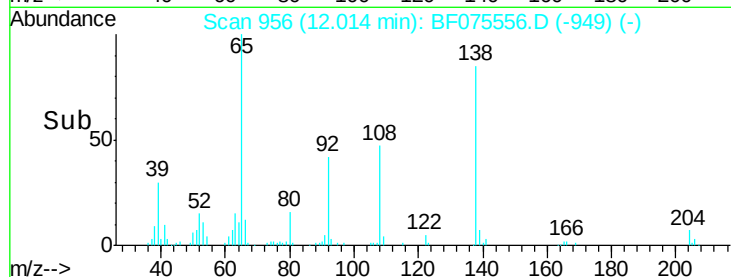
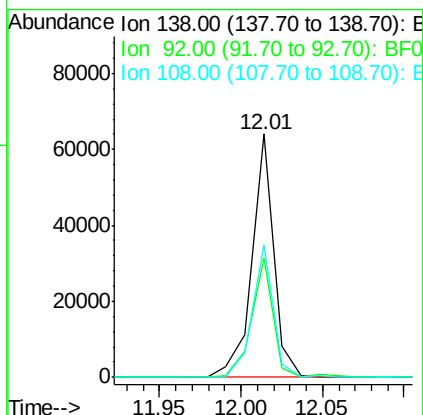
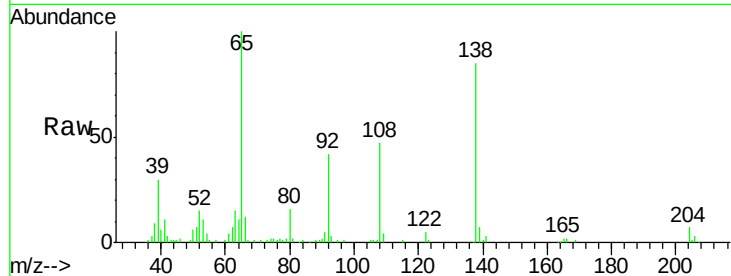




#61
4-Nitroaniline
Concen: 33.31 ng
RT: 12.01 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

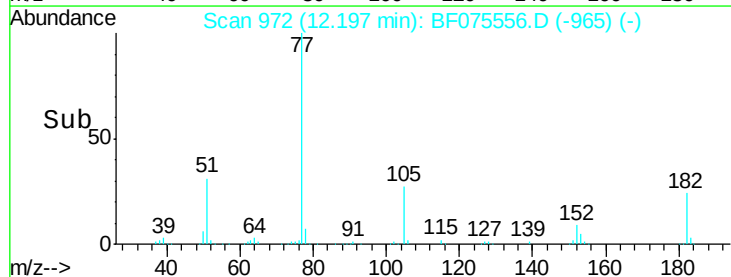
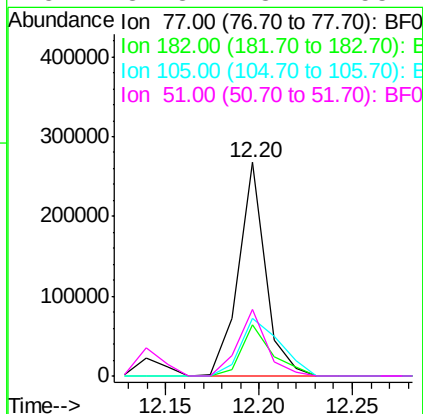
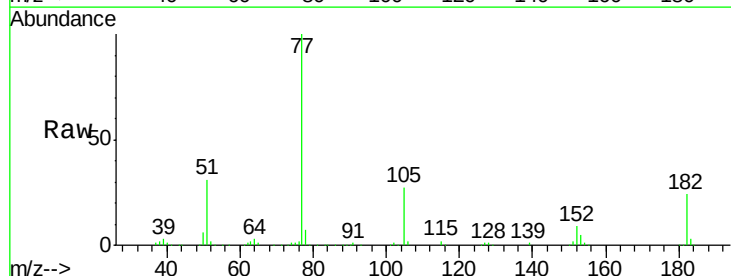
Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)MSD

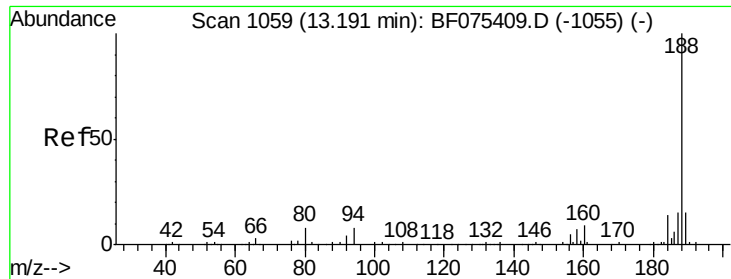
Tgt Ion:138 Resp: 59525
Ion Ratio Lower Upper
138 100
92 48.8 34.8 74.8
108 54.4 50.6 90.6



#62
Azobenzene
Concen: 38.64 ng
RT: 12.20 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Tgt Ion: 77 Resp: 271526
Ion Ratio Lower Upper
77 100
182 23.8 0.0 37.1
105 26.8 3.7 43.7
51 31.3 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: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

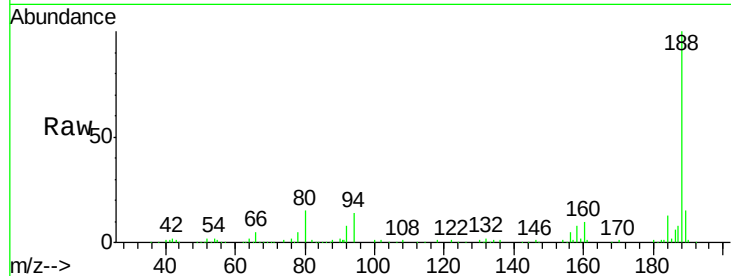
Tgt Ion:188 Resp: 200174

Ion Ratio Lower Upper

188 100

94 14.3 7.8 11.6#

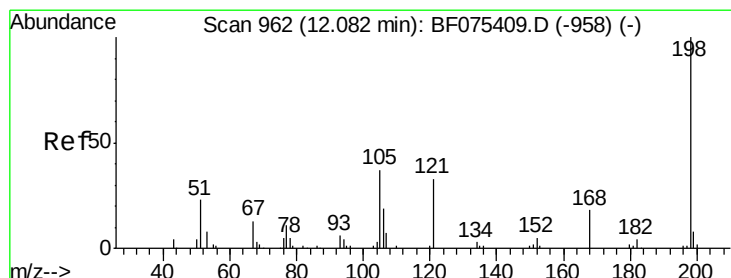
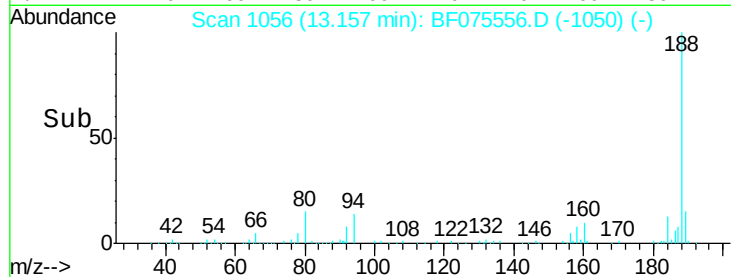
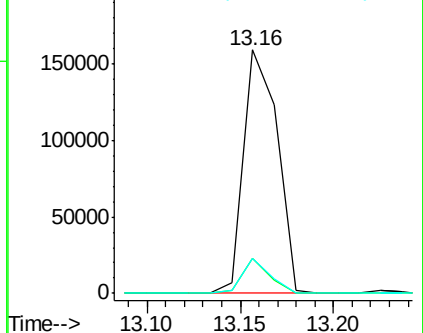
80 14.6 8.0 12.0#



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: 27.89 ng

RT: 12.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

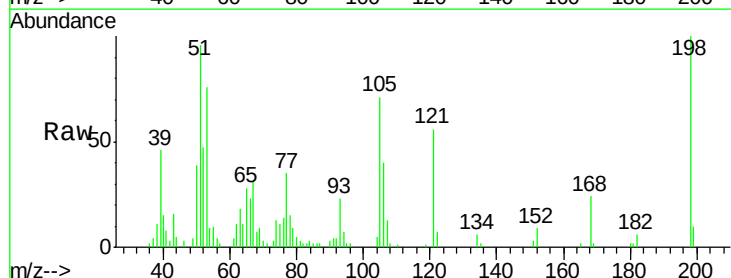
Tgt Ion:198 Resp: 28236

Ion Ratio Lower Upper

198 100

51 96.2 26.0 66.0#

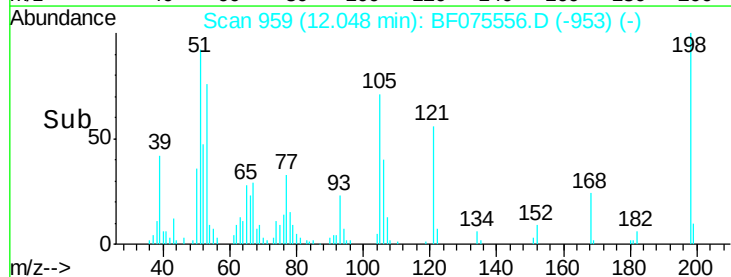
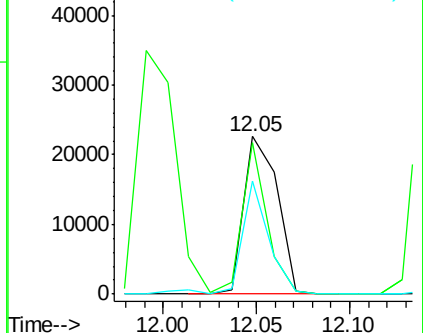
105 71.5 24.2 64.2#

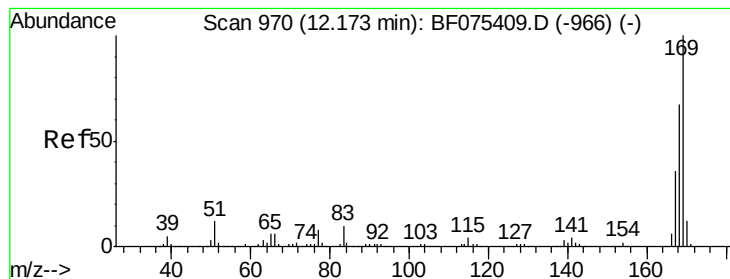


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.06 ng

RT: 12.14 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

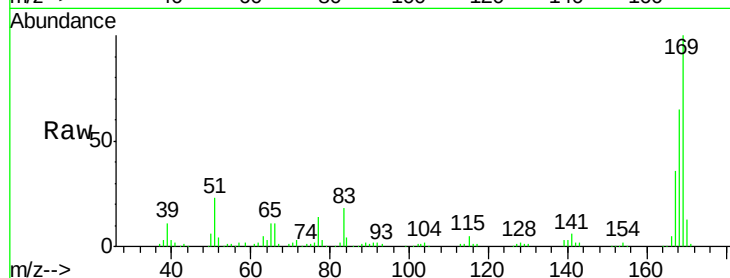
Tgt Ion:169 Resp: 209329

Ion Ratio Lower Upper

169 100

168 64.9 53.5 80.3

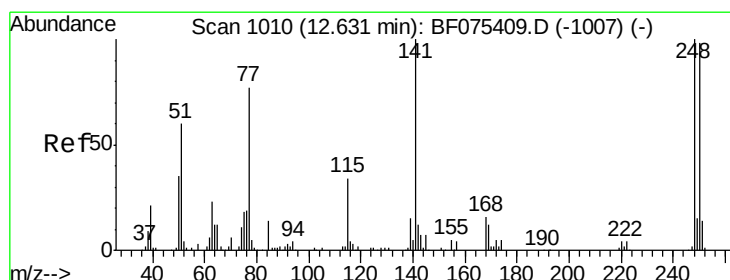
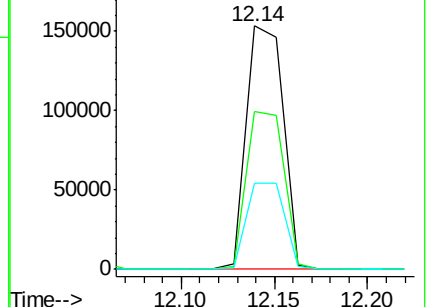
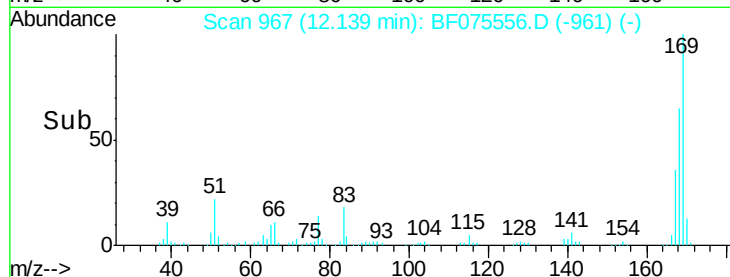
167 35.6 29.8 44.6



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: 33.52 ng

RT: 12.61 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

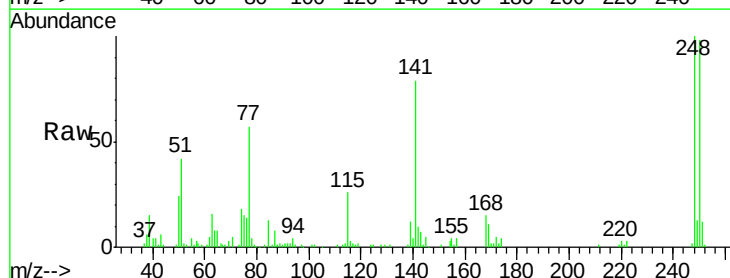
Tgt Ion:248 Resp: 63130

Ion Ratio Lower Upper

248 100

250 98.5 76.3 114.5

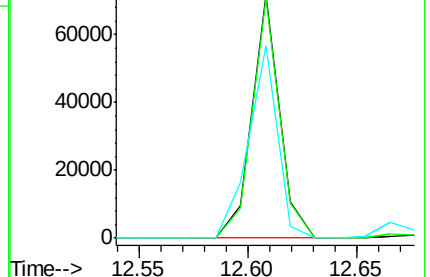
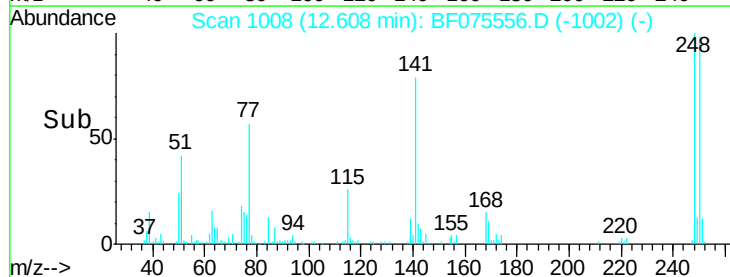
141 79.2 44.3 66.5#

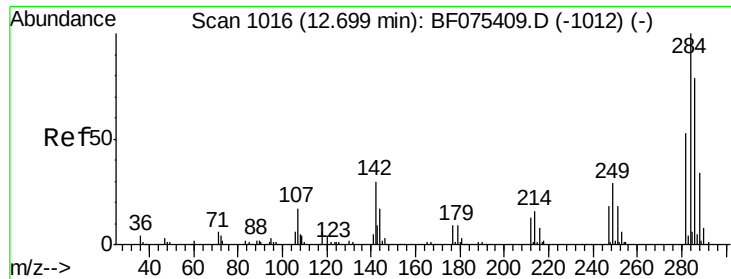


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

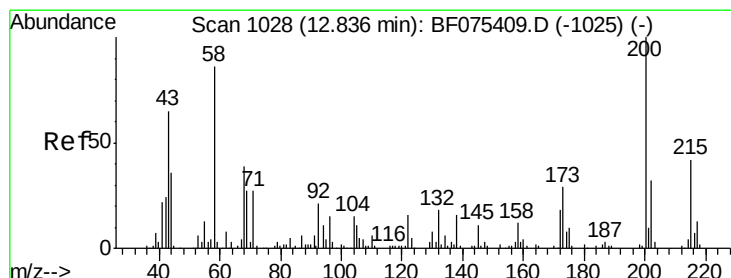
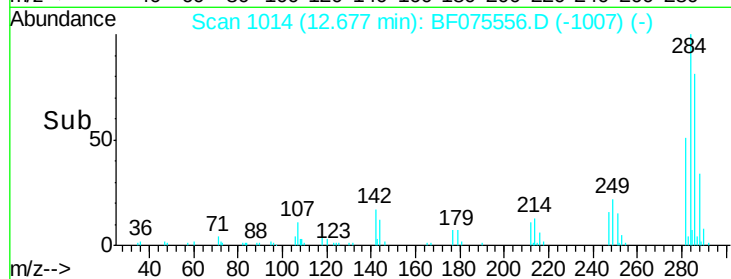
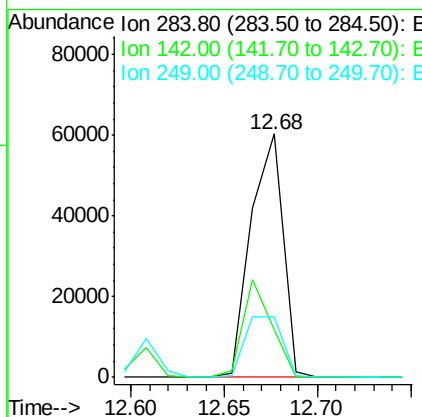
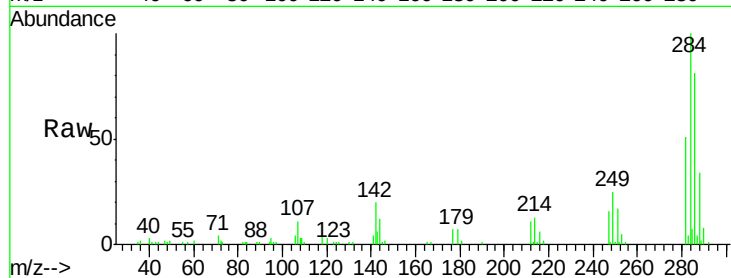




#67
Hexachlorobenzene
Concen: 33.60 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

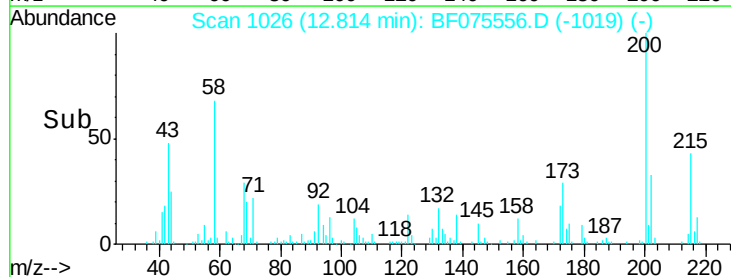
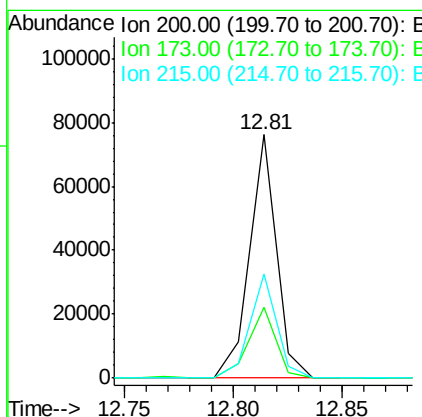
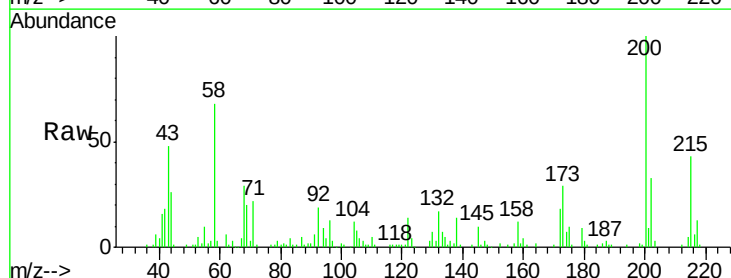
Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)MSD

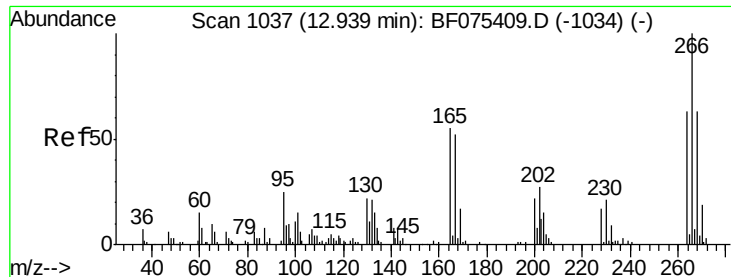
Tgt Ion: 284 Resp: 71869
Ion Ratio Lower Upper
284 100
142 19.8 28.7 43.1#
249 24.8 24.1 36.1



#68
Atrazine
Concen: 33.30 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Tgt Ion: 200 Resp: 65424
Ion Ratio Lower Upper
200 100
173 29.2 12.3 52.3
215 42.8 23.8 63.8

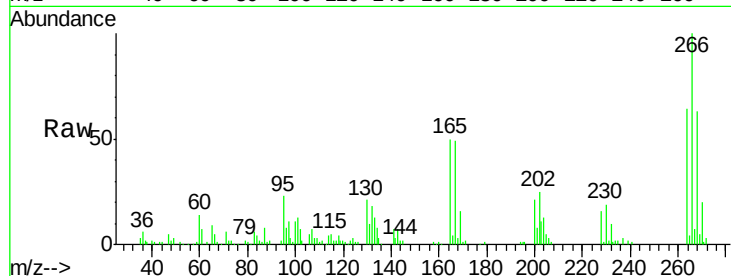




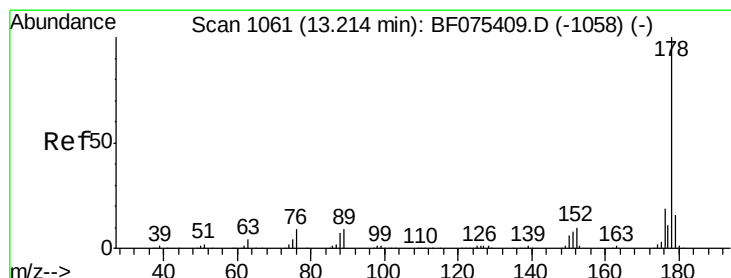
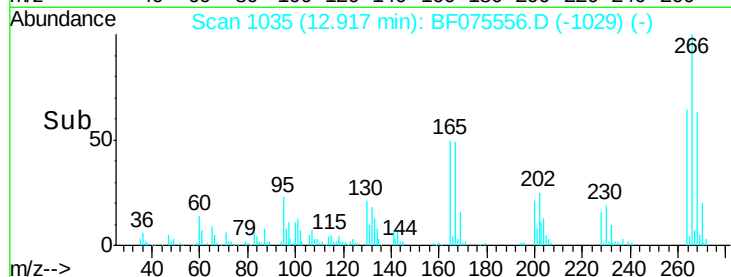
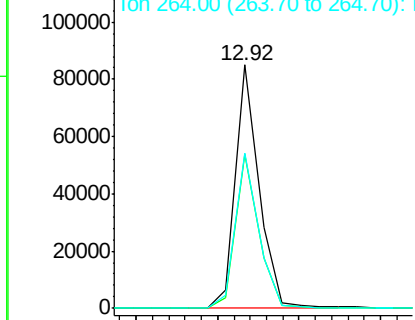
#69
 Pentachlorophenol
 Concen: 62.93 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

Tgt Ion: 266 Resp: 84465
 Ion Ratio Lower Upper
 266 100
 268 63.1 48.6 73.0
 264 63.9 52.1 78.1

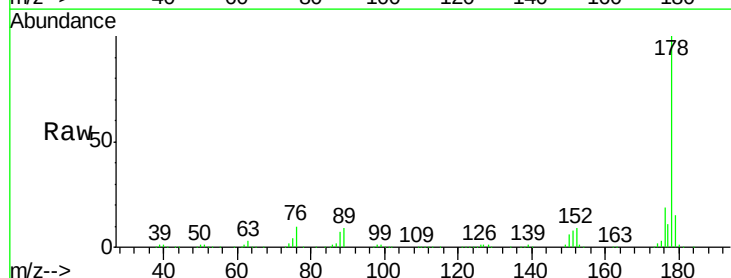


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

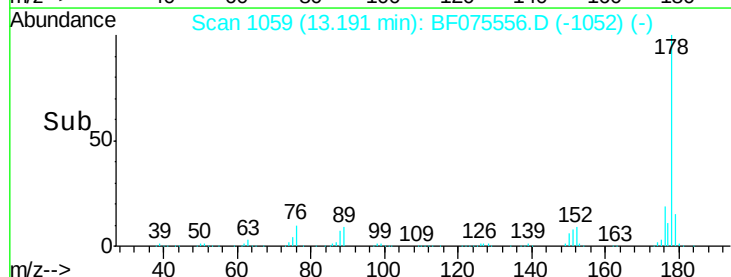
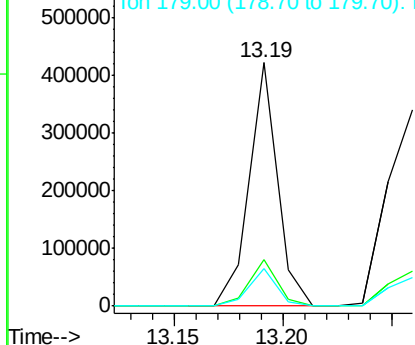


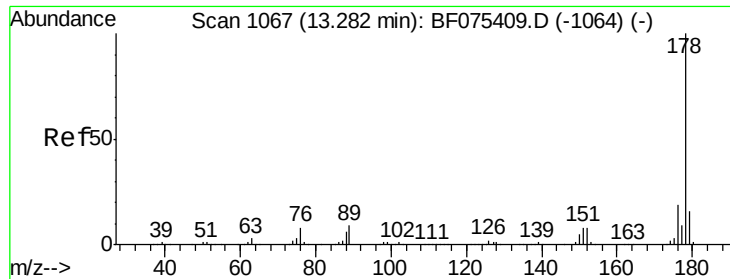
#70
 Phenanthrene
 Concen: 36.36 ng
 RT: 13.19 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Tgt Ion: 178 Resp: 383026
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.4 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

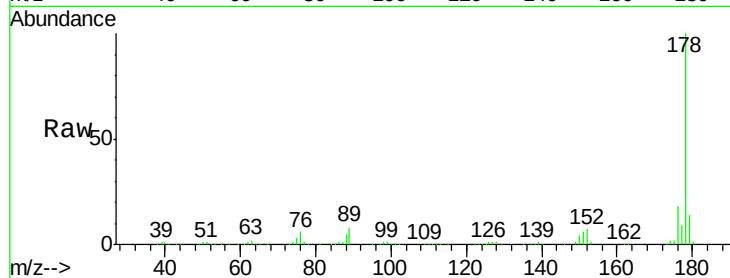




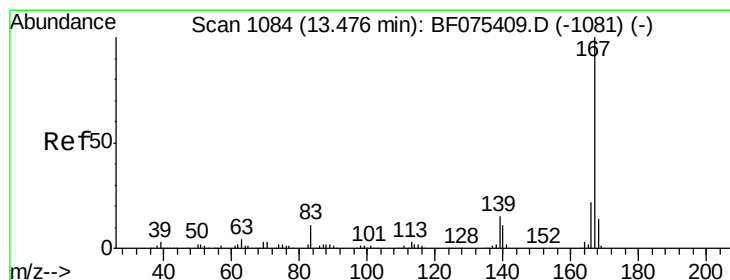
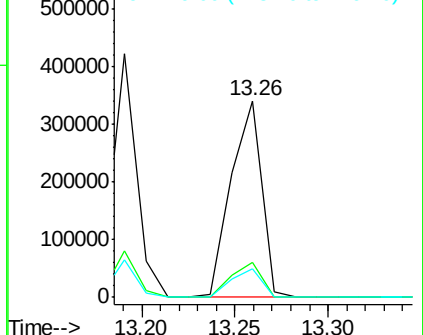
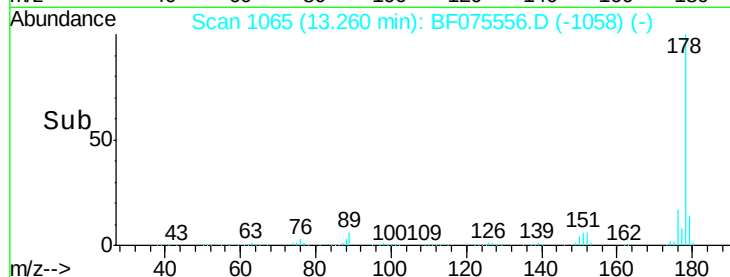
#71
 Anthracene
 Concen: 36.17 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

Tgt Ion:178 Resp: 393874
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.1 22.7
 179 14.3 12.2 18.2

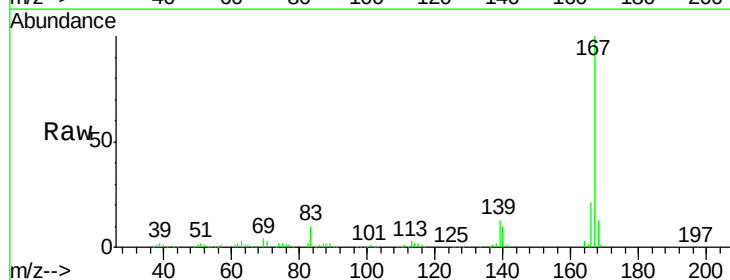


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

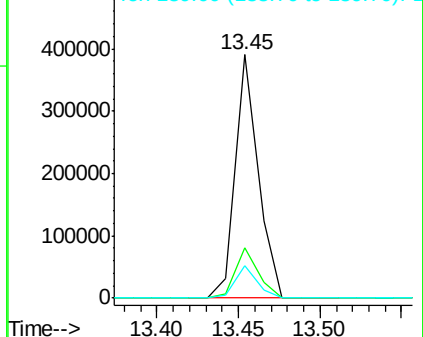
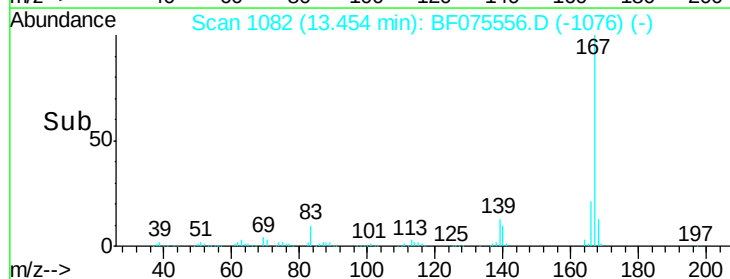


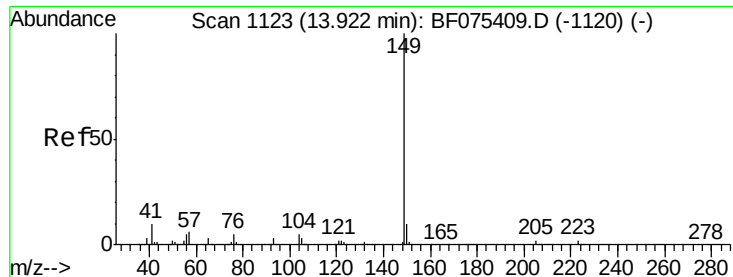
#72
 Carbazole
 Concen: 35.33 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Tgt Ion:167 Resp: 376459
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.4 26.0
 139 13.1 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: 31.76 ng

RT: 13.90 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

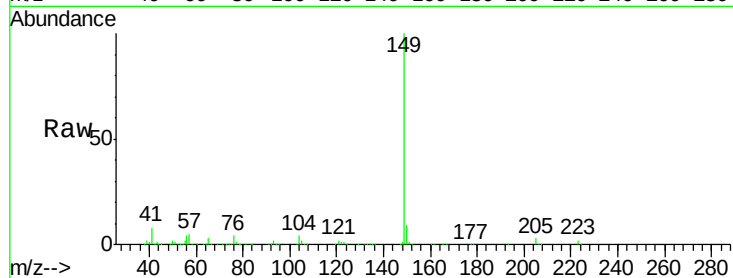
Tgt Ion:149 Resp: 467495

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

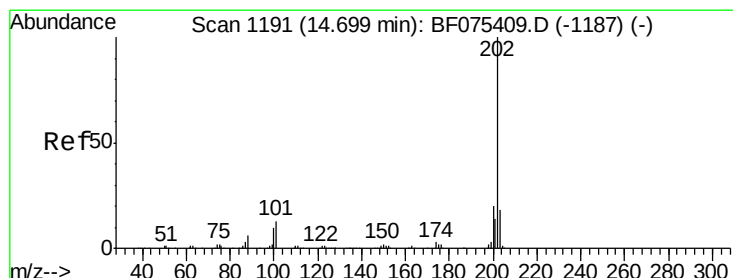
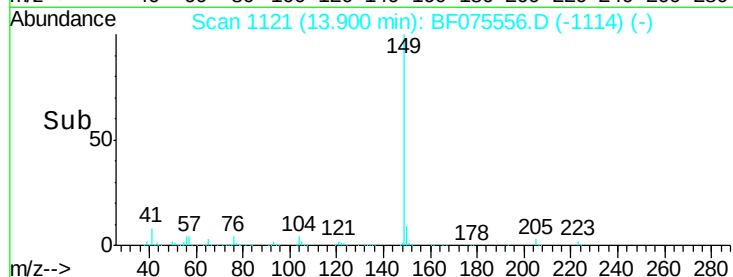
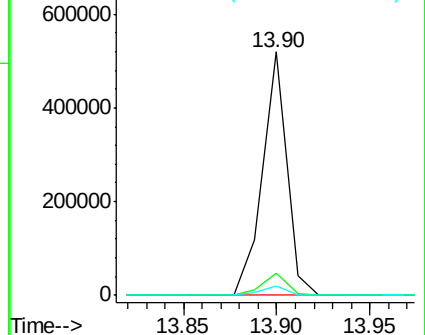
104 3.7 3.1 4.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.70 ng

RT: 14.68 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

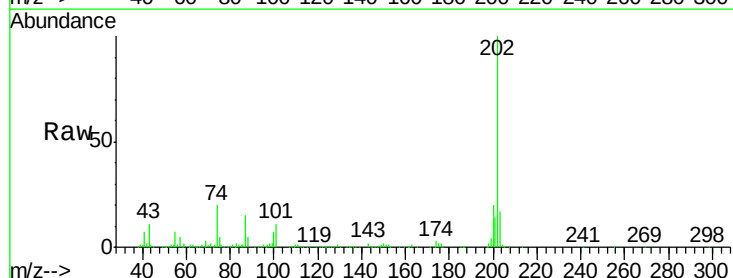
Tgt Ion:202 Resp: 414121

Ion Ratio Lower Upper

202 100

101 11.0 0.0 36.6

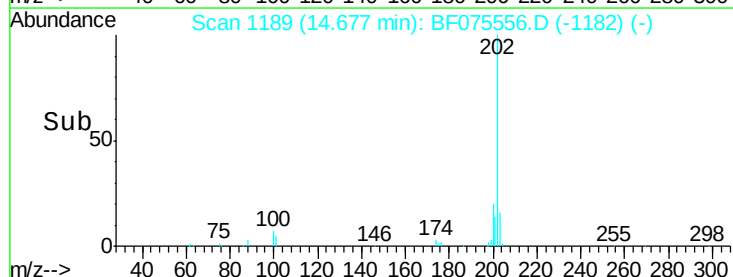
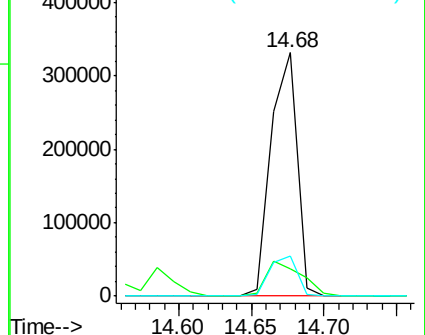
203 16.7 0.0 38.2

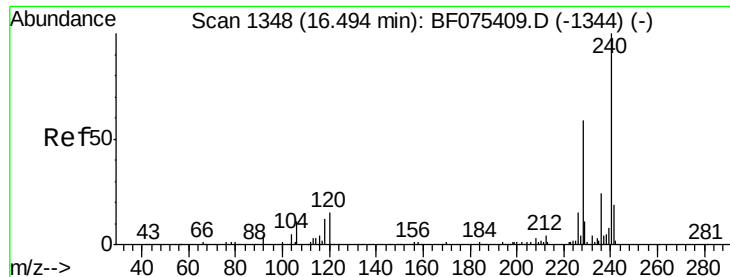


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.08 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

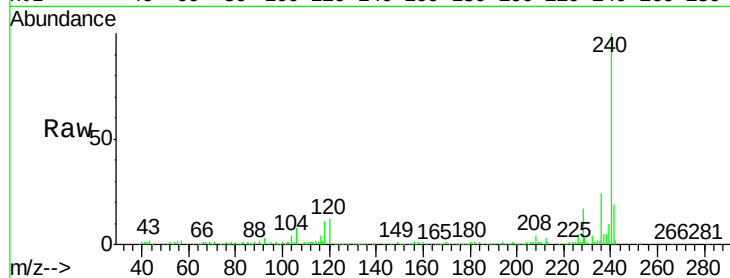
Tgt Ion:240 Resp: 221526

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

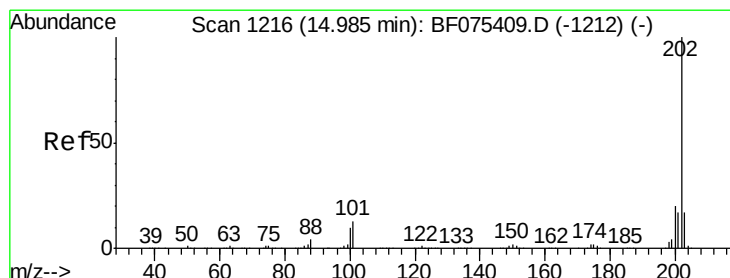
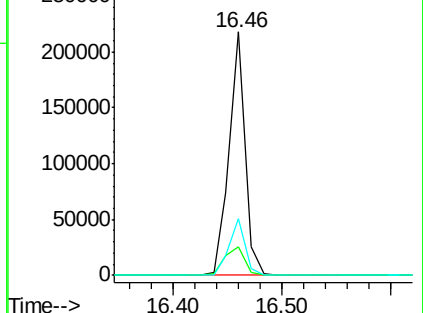
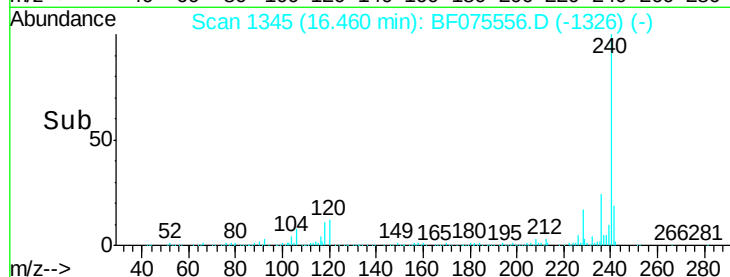
236 23.6 18.9 28.3



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



#77

Pyrene

Concen: 34.41 ng

RT: 14.95 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

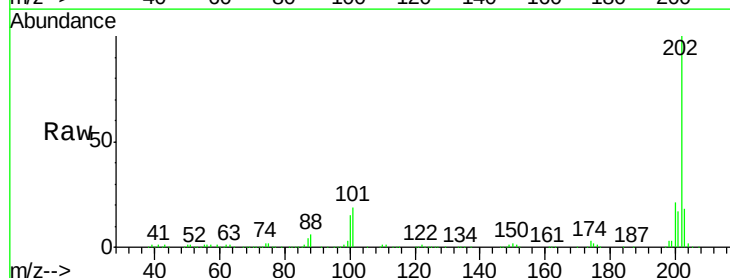
Tgt Ion:202 Resp: 443192

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

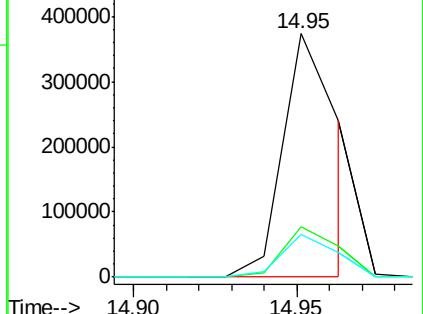
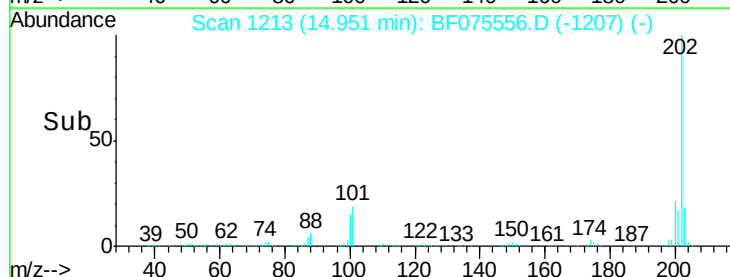
203 17.7 14.3 21.5

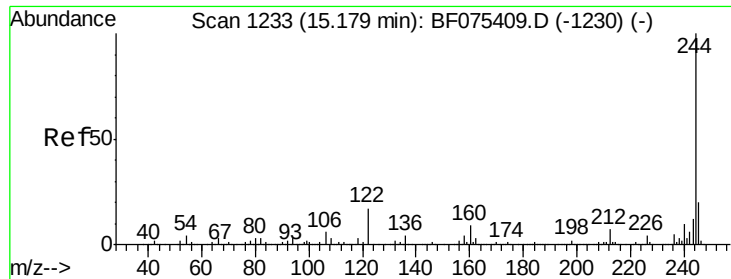


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

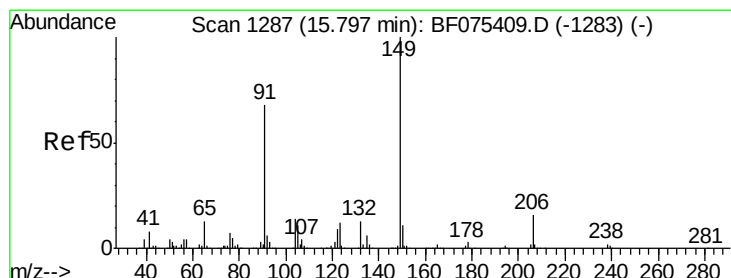
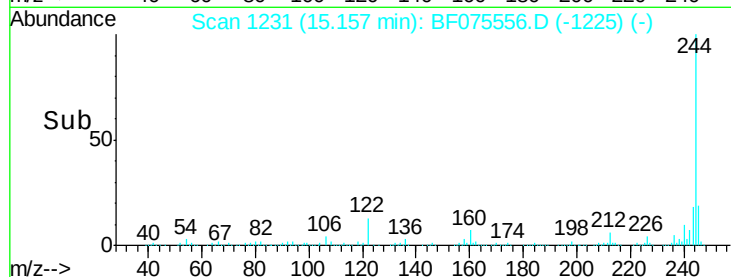
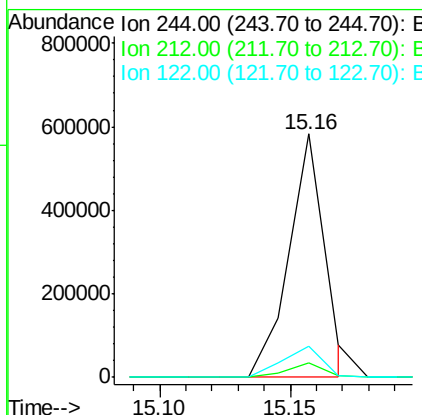
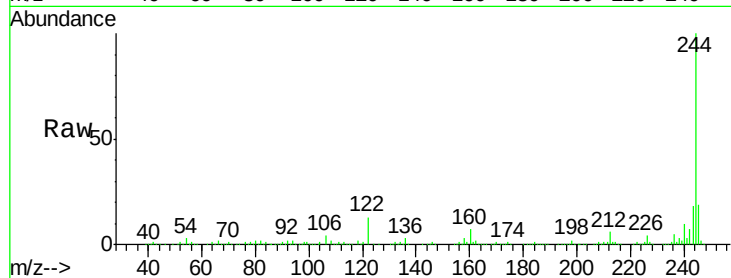




#78
 Terphenyl-d14
 Concen: 66.99 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

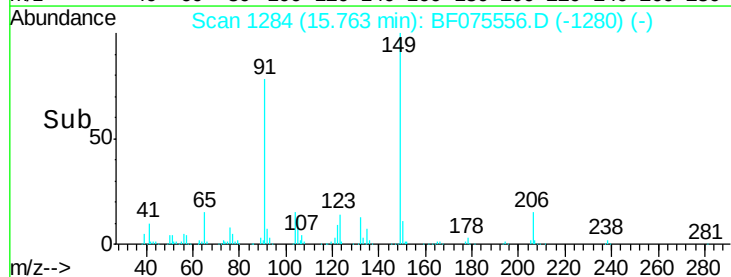
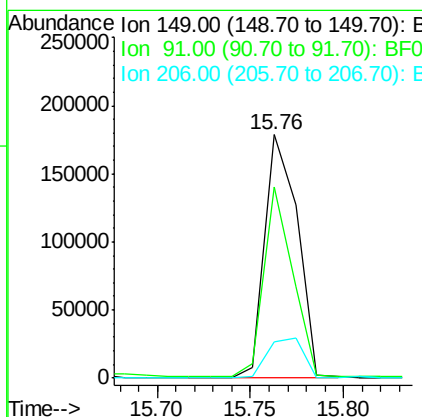
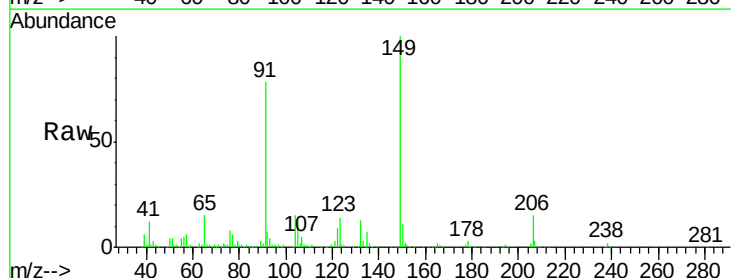
Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)MSD

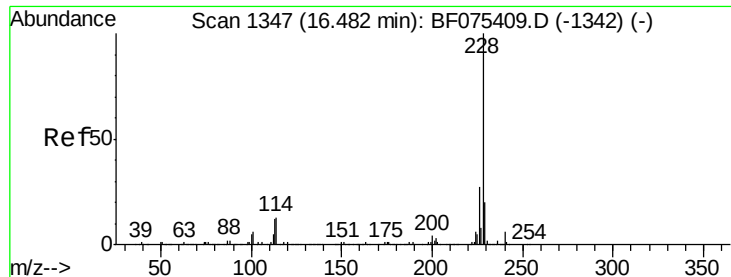
Tgt Ion:244 Resp: 551264
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.5 8.3
 122 12.5 9.7 14.5



#79
 Butylbenzylphthalate
 Concen: 30.00 ng
 RT: 15.76 min Scan# 1284
 Delta R.T. -0.06 min
 Lab File: BF075556.D
 Acq: 15 Nov 2014 22:24

Tgt Ion:149 Resp: 216971
 Ion Ratio Lower Upper
 149 100
 91 78.3 49.0 73.4#
 206 14.7 15.5 23.3#





#80

Benzo(a)anthracene

Concen: 35.80 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.08 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

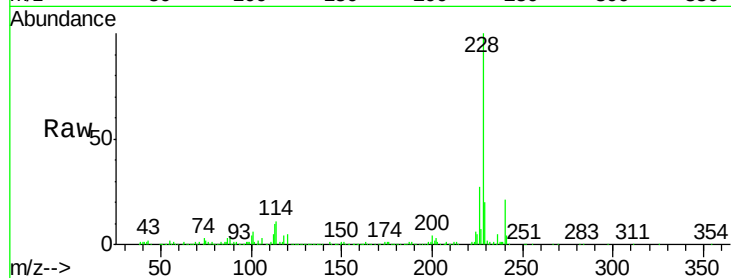
Tgt Ion:228 Resp: 416617

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

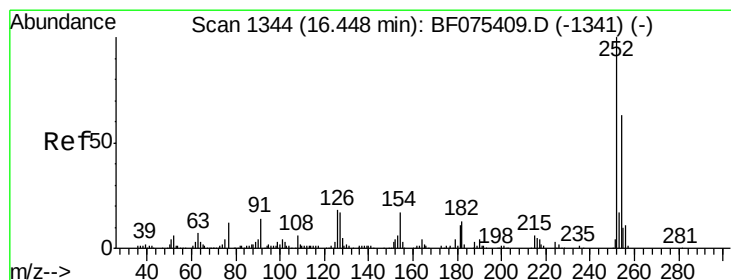
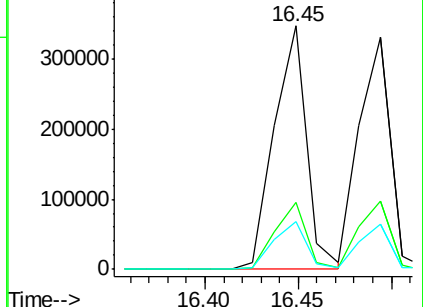
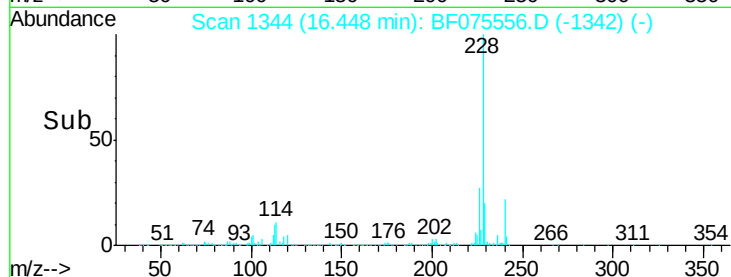
229 19.7 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 14.95 ng

RT: 16.41 min Scan# 1341

Delta R.T. -0.09 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

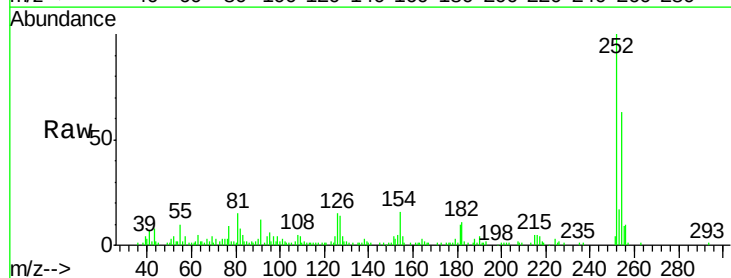
Tgt Ion:252 Resp: 64232

Ion Ratio Lower Upper

252 100

254 63.2 50.0 75.0

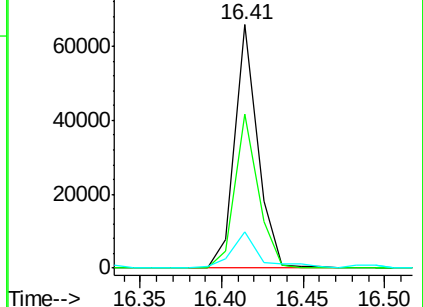
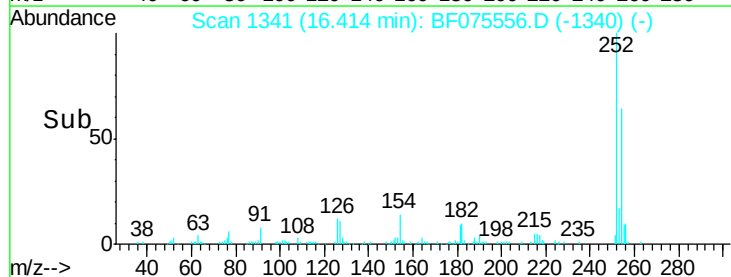
126 15.0 16.0 24.0#

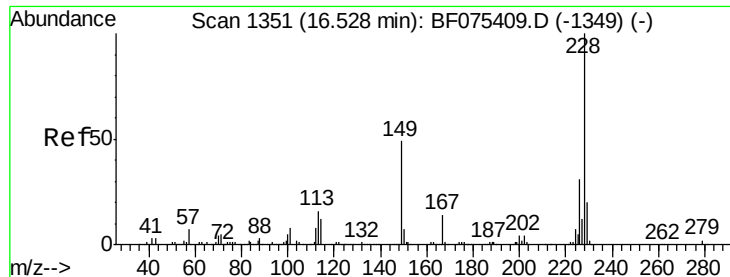


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.90 ng

RT: 16.49 min Scan# 1348

Delta R.T. -0.08 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

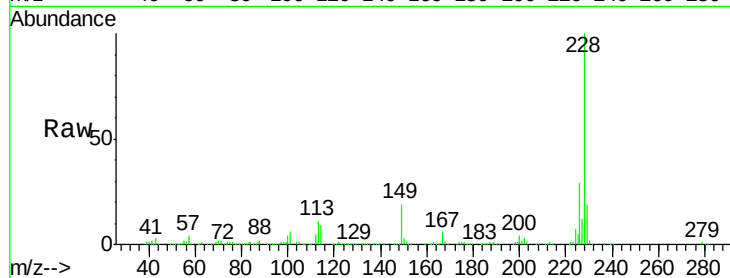
Tgt Ion: 228 Resp: 381453

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.6

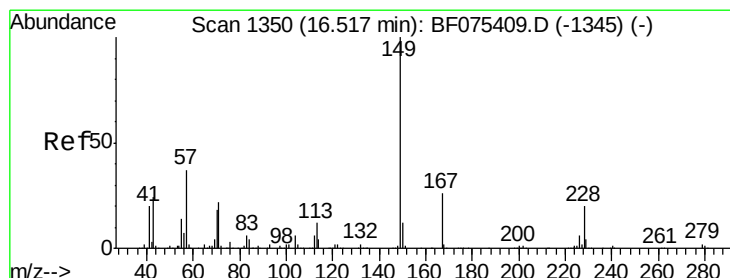
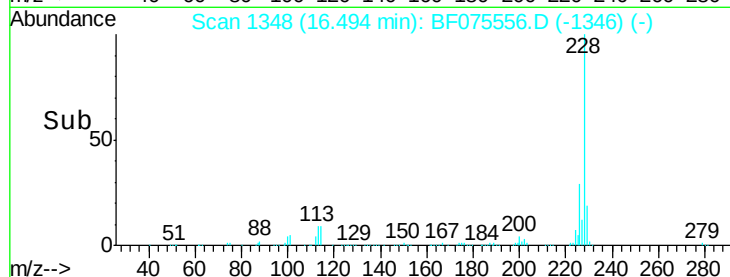
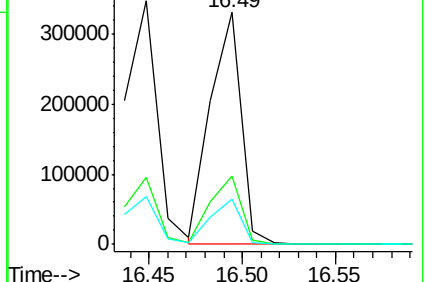
229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 28.99 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.09 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

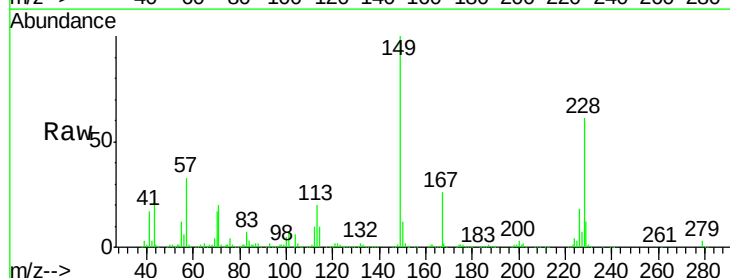
Tgt Ion: 149 Resp: 330256

Ion Ratio Lower Upper

149 100

167 26.1 21.4 32.2

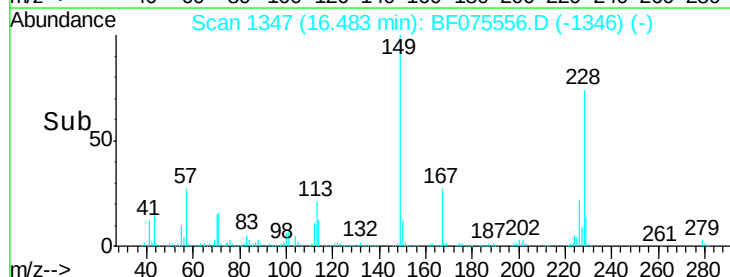
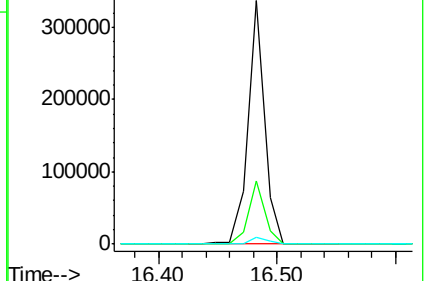
279 2.6 2.8 4.2#

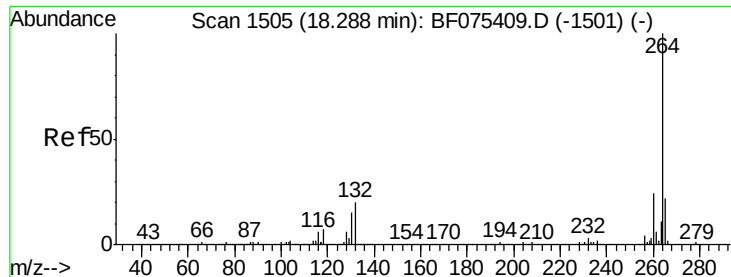


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

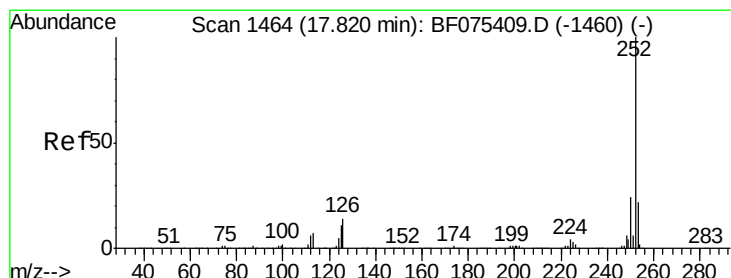
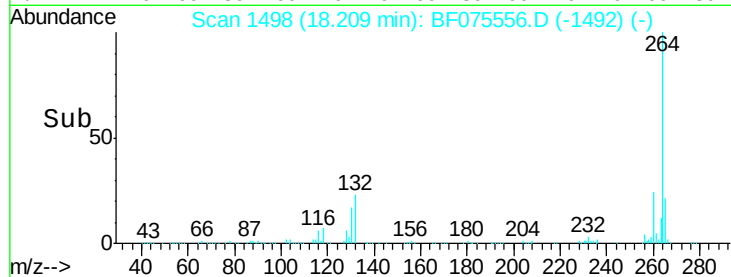
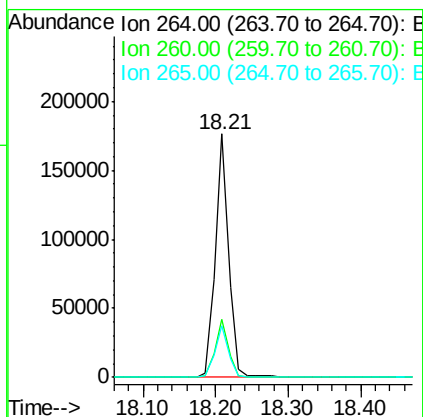
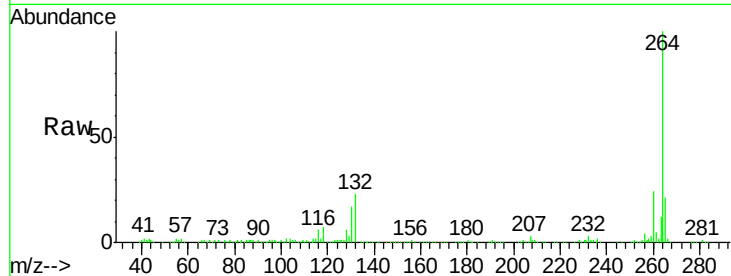




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.23 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

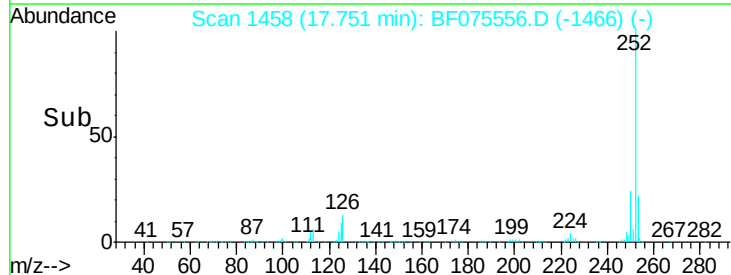
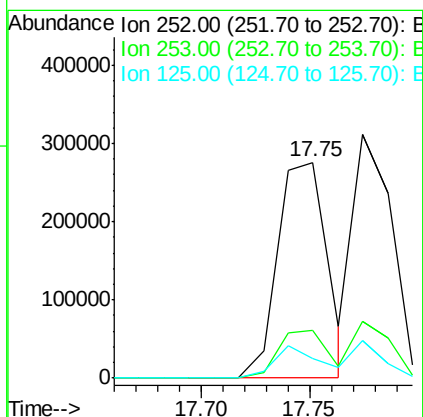
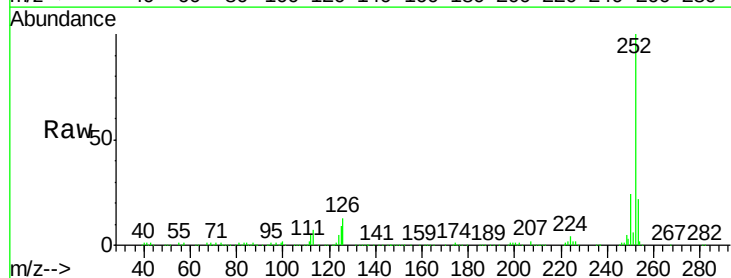
Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)MSD

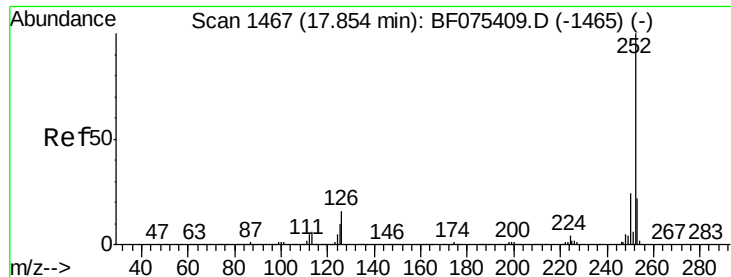
Tgt Ion: 264 Resp: 225589
Ion Ratio Lower Upper
264 100
260 24.0 17.9 26.9
265 21.3 16.3 24.5



#87
Benzo(b)fluoranthene
Concen: 36.58 ng
RT: 17.75 min Scan# 1458
Delta R.T. -0.19 min
Lab File: BF075556.D
Acq: 15 Nov 2014 22:24

Tgt Ion: 252 Resp: 441178
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.3 11.8 17.6#





#88

Benzo(k)fluoranthene

Concen: 35.07 ng

RT: 17.77 min Scan# 1460

Delta R.T. -0.21 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

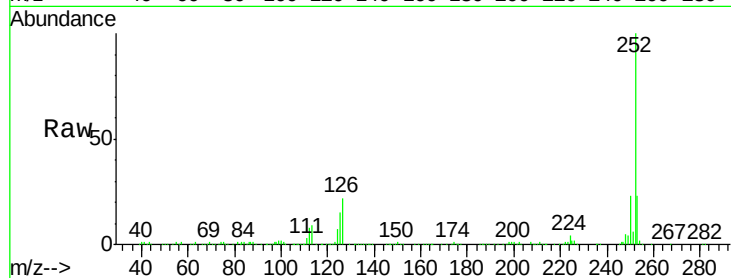
Tgt Ion:252 Resp: 379580

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

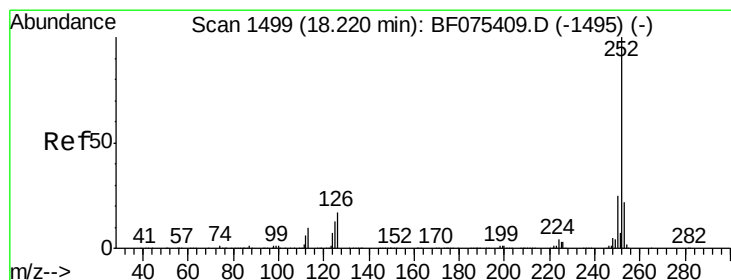
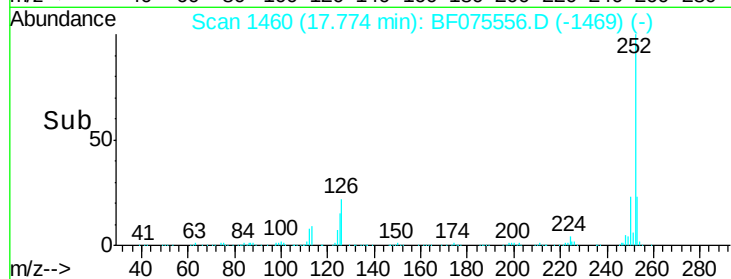
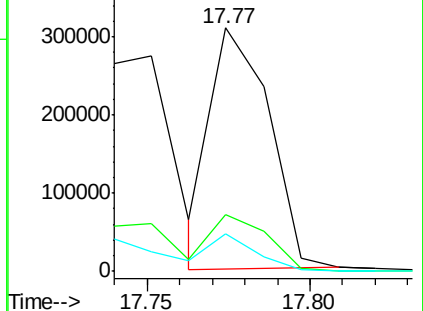
125 15.2 11.6 17.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 37.47 ng

RT: 18.14 min Scan# 1492

Delta R.T. -0.23 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

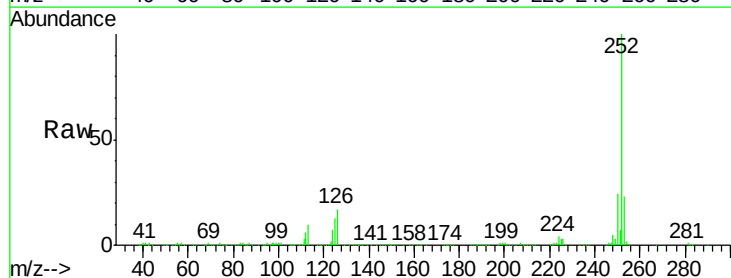
Tgt Ion:252 Resp: 404430

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

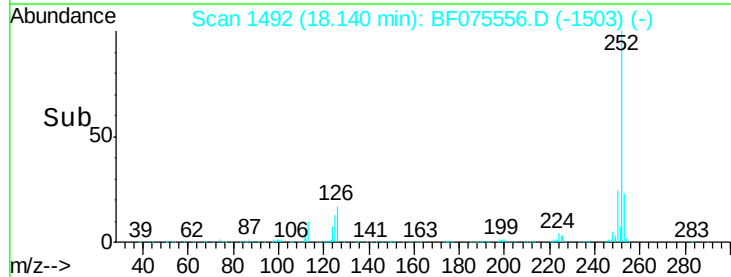
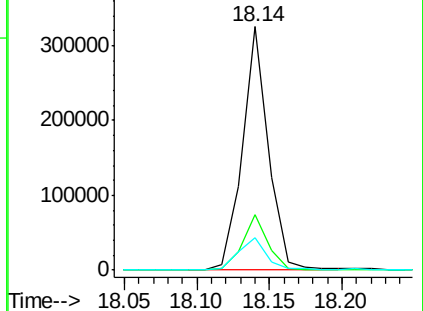
125 13.4 12.2 18.4

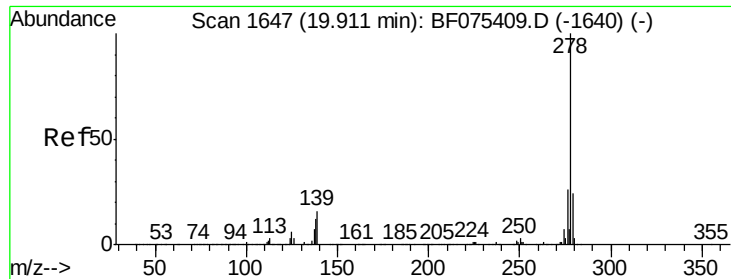


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 35.44 ng

RT: 19.80 min Scan# 1637

Delta R.T. -0.27 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

Instrument :

BNA_F

ClientSampleId :

SB-75(15-20)MSD

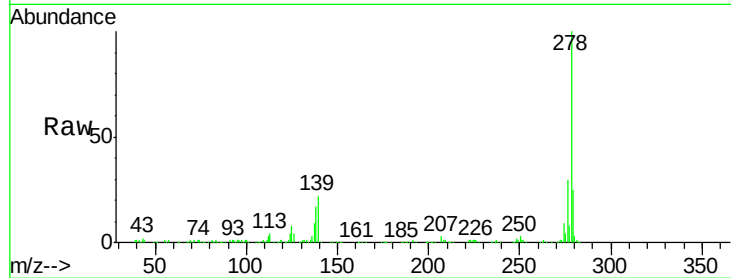
Tgt Ion: 278 Resp: 399431

Ion Ratio Lower Upper

278 100

139 21.5 13.6 20.4#

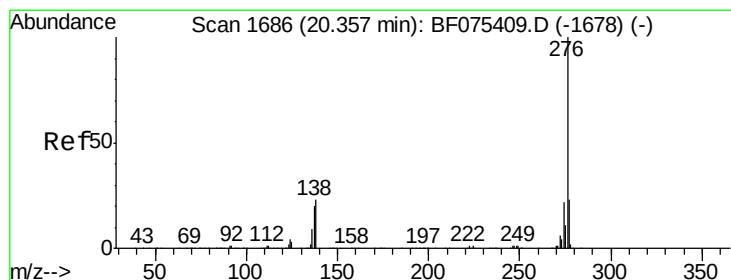
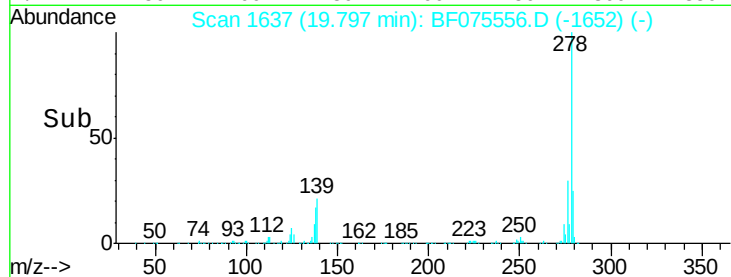
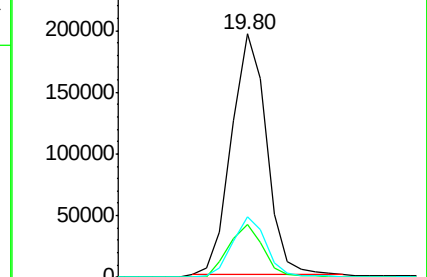
279 24.7 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 37.32 ng

RT: 20.23 min Scan# 1675

Delta R.T. -0.27 min

Lab File: BF075556.D

Acq: 15 Nov 2014 22:24

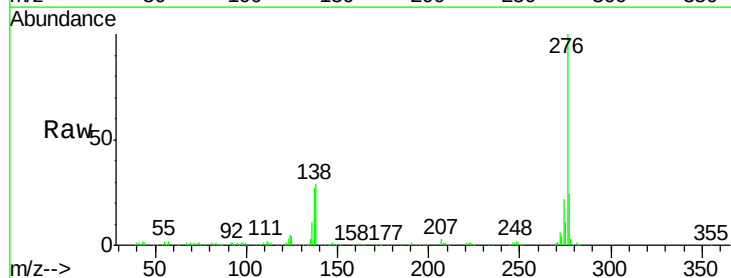
Tgt Ion: 276 Resp: 400692

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.8

138 29.1 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

