

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075519.D
 Acq On : 15 Nov 2014 3:09
 Operator : TP / JJ
 Sample : PB80238BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Quant Time: Nov 15 04:35:17 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	7.54	152	44333	20.00	ng	-0.03
21) Naphthalene-d8	9.13	136	190855	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	96432	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	163596	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	178143	20.00	ng	-0.08
86) Perylene-d12	18.23	264	174580	20.00	ng	-0.21

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	399200	159.08	ng	-0.02
7) Phenol-d6	7.09	99	482776	159.98	ng	-0.02
23) Nitrobenzene-d5	8.24	82	276664	106.28	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	111208	137.69	ng	-0.03
44) 2-Fluorobiphenyl	10.47	172	526026	98.57	ng	-0.02
78) Terphenyl-d14	15.16	244	559596	84.57	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	48085	45.64	ng	97
6) Aniline	7.13	93	119630	27.45	ng	100
8) 2-Chlorophenol	7.28	128	129911	44.73	ng	95
9) Benzaldehyde	7.00	77	4407	2.17	ng	94
10) Phenol	7.11	94	177705	48.27	ng	85
11) bis(2-Chloroethyl)ether	7.24	93	137031	49.14	ng	# 80
12) 1,3-Dichlorobenzene	7.48	146	142498	45.02	ng	97
13) 1,4-Dichlorobenzene	7.57	146	143139	44.45	ng	99
14) 1,2-Dichlorobenzene	7.75	146	134048	44.40	ng	98
15) Benzyl Alcohol	7.73	79	100350	42.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.90	45	267404	46.33	ng	98
17) 2-Methylphenol	7.86	107	113057	47.02	ng	96
18) Hexachloroethane	8.17	117	49580	44.90	ng	91
19) n-Nitroso-di-n-propylamine	8.06	70	95116	46.26	ng	93
20) 3+4-Methylphenols	8.05	107	143733	45.65	ng	# 84
22) Acetophenone	8.06	105	191952	46.62	ng	98
24) Nitrobenzene	8.26	77	148653	49.27	ng	98
25) Isophorone	8.56	82	266017	44.76	ng	98
26) 2-Nitrophenol	8.65	139	62903	45.76	ng	95
27) 2,4-Dimethylphenol	8.71	122	123164	46.23	ng	98
28) bis(2-Chloroethoxy)methane	8.84	93	175863	48.55	ng	99
29) 2,4-Dichlorophenol	8.95	162	108336	46.42	ng	96
30) 1,2,4-Trichlorobenzene	9.06	180	107557	43.89	ng	98
31) Naphthalene	9.16	128	414787	48.75	ng	99
32) Benzoic acid	8.79	122	71689	44.53	ng	92
33) 4-Chloroaniline	9.22	127	82508	22.32	ng	99
34) Hexachlorobutadiene	9.32	225	56372	42.56	ng	96
35) Caprolactam	9.64	113	34702	44.86	ng	95
36) 4-Chloro-3-methylphenol	9.82	107	111111	43.39	ng	92
37) 2-Methylnaphthalene	10.01	142	257795	44.41	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	95300	48.08	ng	98
40) Hexachlorocyclopentadiene	10.21	237	121748	101.11	ng	97
42) 2,4,6-Trichlorophenol	10.37	196	67198	42.63	ng	98
43) 2,4,5-Trichlorophenol	10.40	196	71605	43.61	ng	# 81

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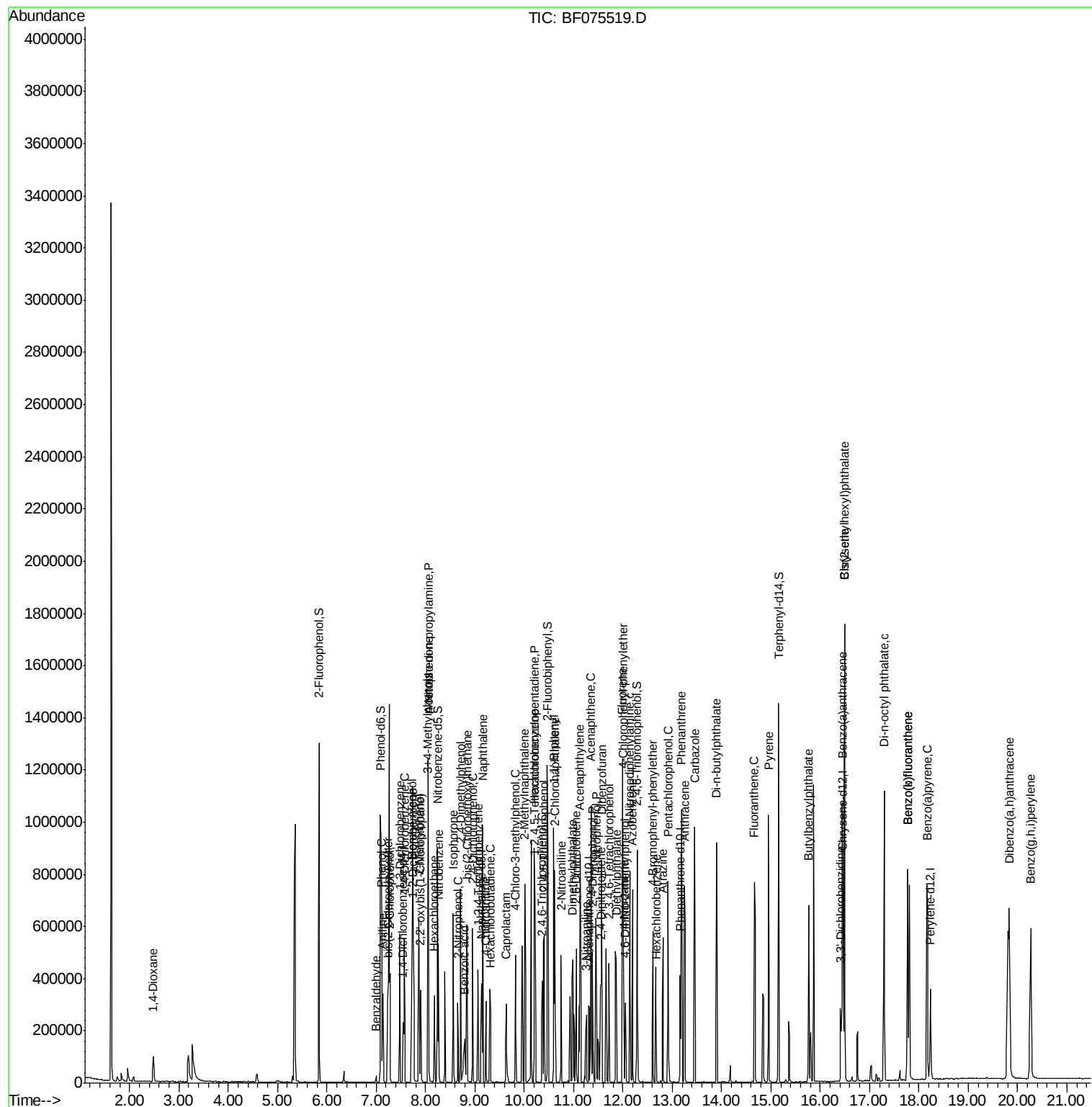
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	10.60	154	309444	47.57	ng	99
46) 2-Chloronaphthalene	10.62	162	246633	48.49	ng	99
47) 2-Nitroaniline	10.75	65	77744	50.80	ng #	82
48) Acenaphthylene	11.13	152	403961	48.17	ng	98
49) Dimethylphthalate	10.99	163	285653	43.33	ng	99
50) 2,6-Dinitrotoluene	11.05	165	62276	47.96	ng #	78
51) Acenaphthene	11.35	154	261957	51.75	ng	99
52) 3-Nitroaniline	11.26	138	53744	35.10	ng #	82
53) 2,4-Dinitrophenol	11.39	184	57337	79.17	ng #	78
54) Dibenzofuran	11.57	168	344601	47.64	ng	94
55) 4-Nitrophenol	11.45	139	113832	93.01	ng	92
56) 2,4-Dinitrotoluene	11.56	165	82487	48.36	ng	91
57) Fluorene	11.99	166	278073	47.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	60264	46.25	ng #	95
59) Diethylphthalate	11.87	149	286027	41.81	ng	96
60) 4-Chlorophenyl-phenylether	12.00	204	118530	47.12	ng #	84
61) 4-Nitroaniline	12.01	138	73442	47.99	ng	79
62) Azobenzene	12.20	77	284277	47.24	ng	89
64) 4,6-Dinitro-2-methylphenol	12.05	198	35335	42.70	ng #	60
65) n-Nitrosodiphenylamine	12.14	169	227447	43.95	ng	99
66) 4-Bromophenyl-phenylether	12.61	248	73669	47.86	ng #	91
67) Hexachlorobenzene	12.68	284	79564	45.52	ng #	81
68) Atrazine	12.81	200	71465	44.50	ng	96
69) Pentachlorophenol	12.92	266	95293	86.87	ng	98
70) Phenanthrene	13.19	178	417077	48.44	ng	100
71) Anthracene	13.25	178	418665	47.04	ng	99
72) Carbazole	13.45	167	399600	45.89	ng	99
73) Di-n-butylphthalate	13.90	149	489471	40.69	ng	100
74) Fluoranthene	14.67	202	441604	47.89	ng	97
77) Pyrene	14.95	202	448637	43.32	ng	100
79) Butylbenzylphthalate	15.76	149	219325	37.71	ng #	76
80) Benzo(a)anthracene	16.45	228	422493	45.14	ng	99
81) 3,3'-Dichlorobenzidine	16.41	252	77767	22.51	ng	99
82) Chrysene	16.49	228	385711	47.65	ng	99
83) Bis(2-ethylhexyl)phthalate	16.49	149	328277	35.83	ng	100
84) Di-n-octyl phthalate	17.29	149	484854	30.06	ng	95
87) Benzo(b)fluoranthene	17.77	252	434421	46.54	ng #	96
88) Benzo(k)fluoranthene	17.77	252	434421	51.86	ng #	96
89) Benzo(a)pyrene	18.16	252	428728	51.33	ng	98
90) Dibenzo(a,h)anthracene	19.83	278	450102	51.61	ng #	96
91) Benzo(g,h,i)perylene	20.27	276	446996	53.79	ng	99

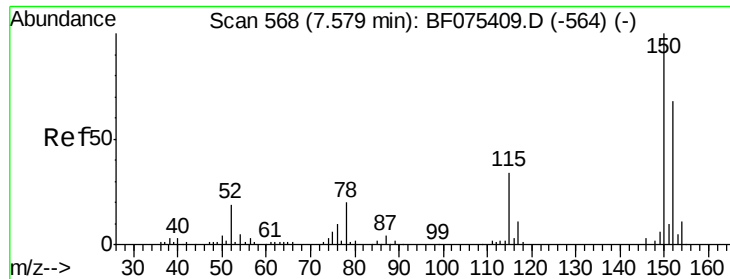
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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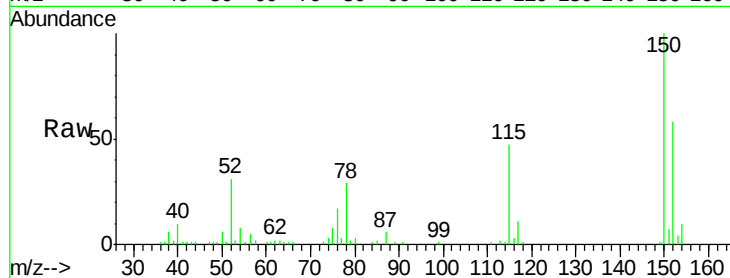




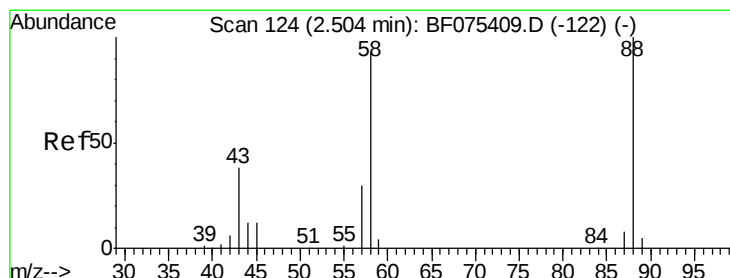
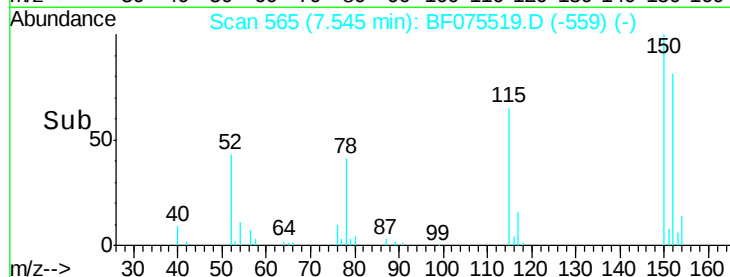
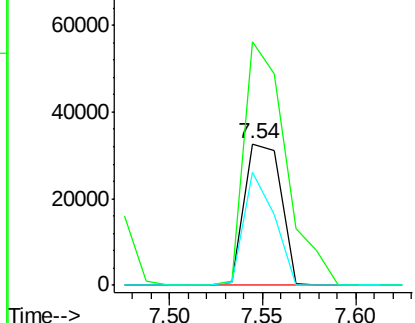
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.54 min Scan# 565
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tgt Ion:152 Resp: 44333
 Ion Ratio Lower Upper
 152 100
 150 172.4 127.2 190.8
 115 80.3 57.1 85.7

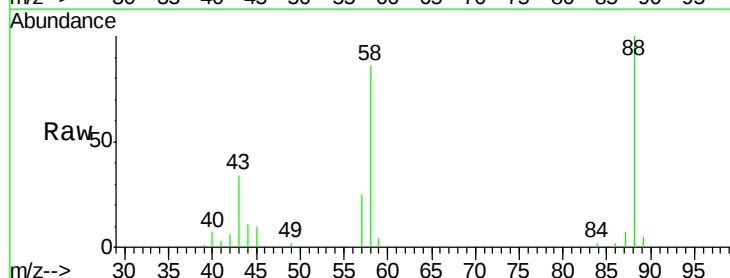


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

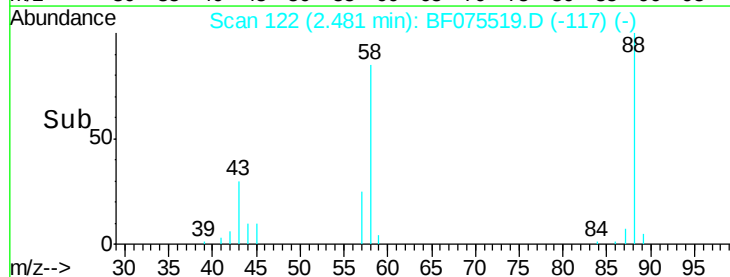
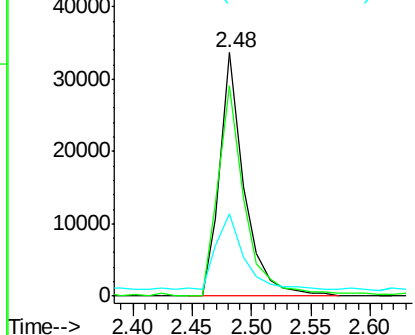


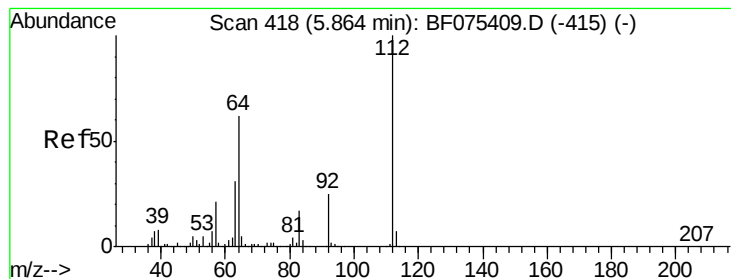
#2
 1,4-Dioxane
 Concen: 45.64 ng
 RT: 2.48 min Scan# 122
 Delta R.T. -0.05 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion: 88 Resp: 48085
 Ion Ratio Lower Upper
 88 100
 58 93.9 73.5 110.3
 43 35.8 31.9 47.9



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





#5

2-Fluorophenol

Concen: 159.08 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

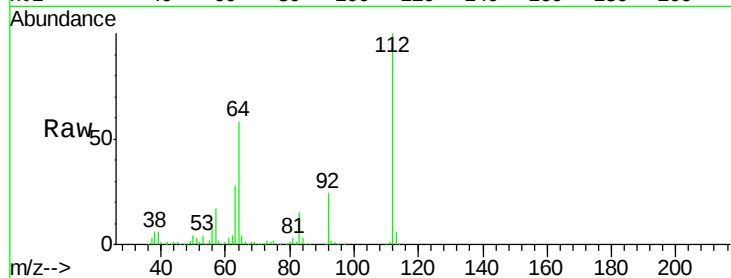
Tgt Ion: 112 Resp: 399200

Ion Ratio Lower Upper

112 100

64 57.5 45.8 68.6

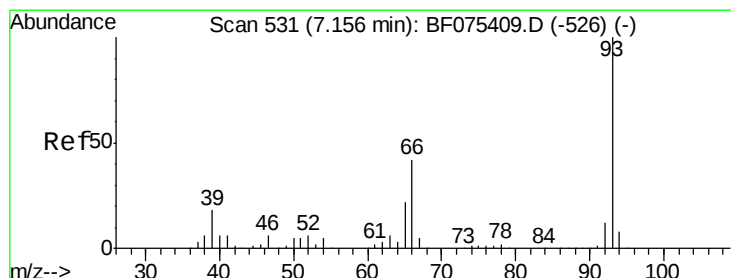
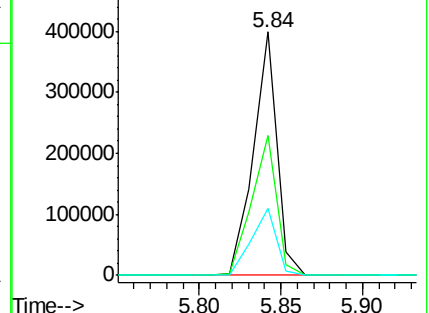
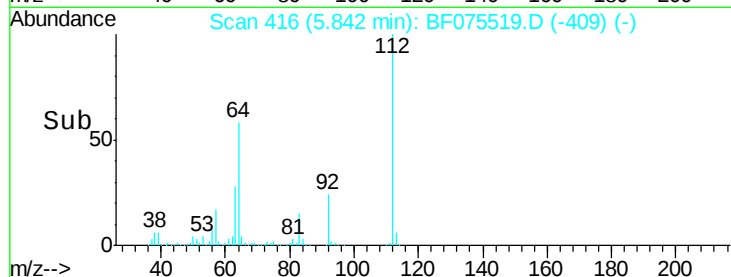
63 27.7 22.7 34.1



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: 27.45 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

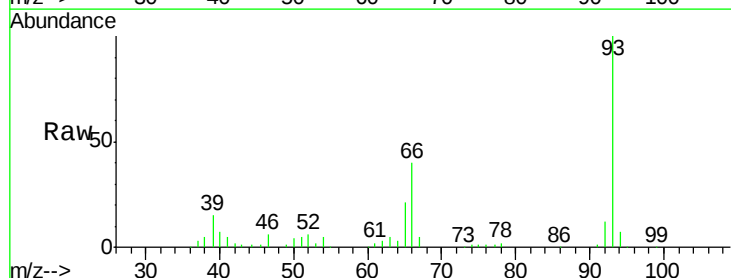
Tgt Ion: 93 Resp: 119630

Ion Ratio Lower Upper

93 100

66 39.8 31.8 47.8

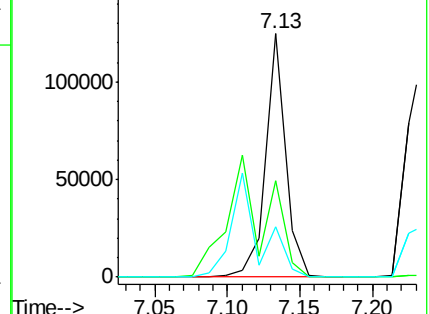
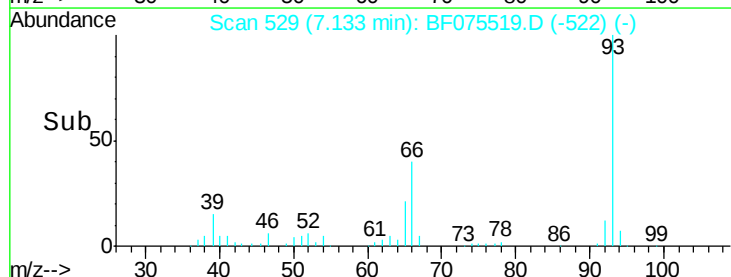
65 20.6 16.6 25.0

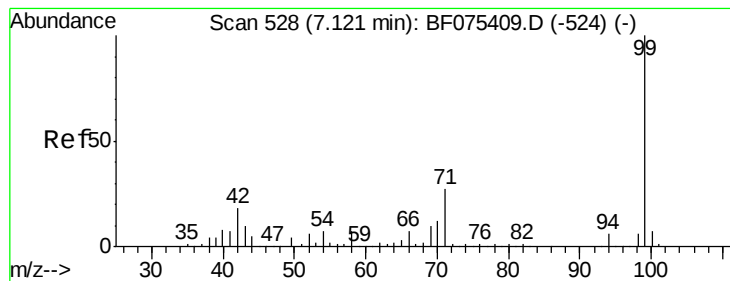


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 159.98 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

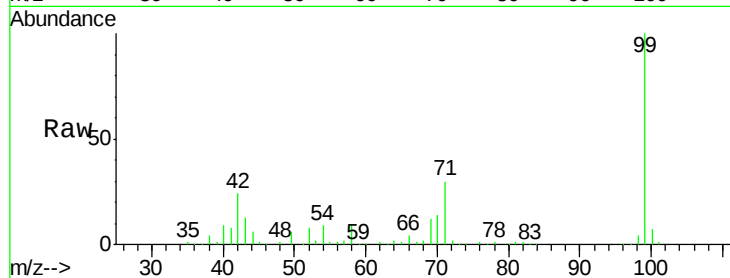
Tgt Ion: 99 Resp: 482776

Ion Ratio Lower Upper

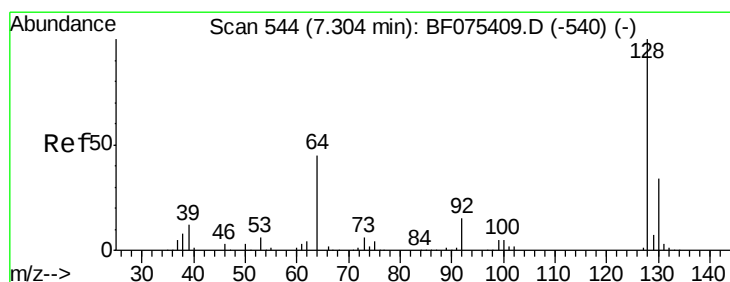
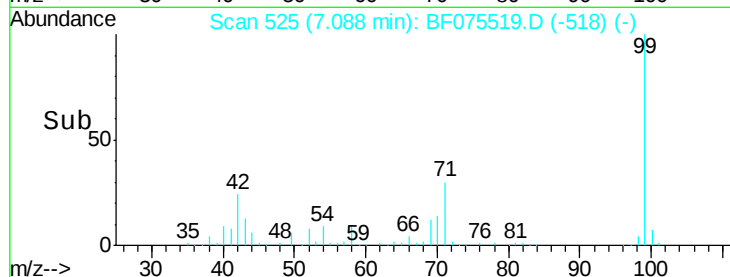
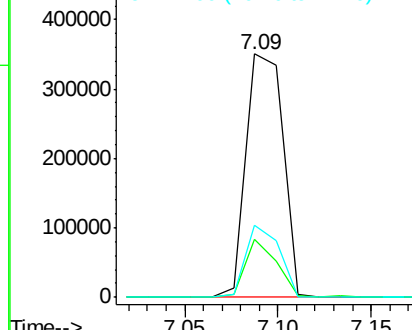
99 100

42 23.6 19.8 29.6

71 29.6 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: 44.73 ng

RT: 7.28 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

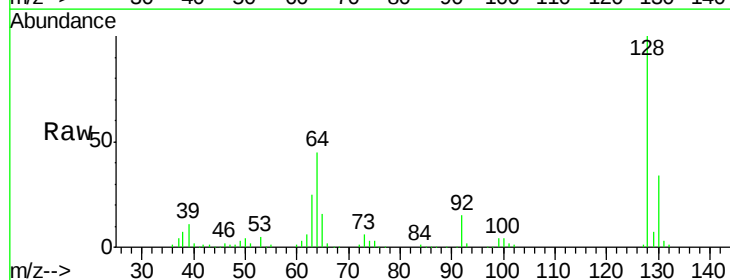
Tgt Ion: 128 Resp: 129911

Ion Ratio Lower Upper

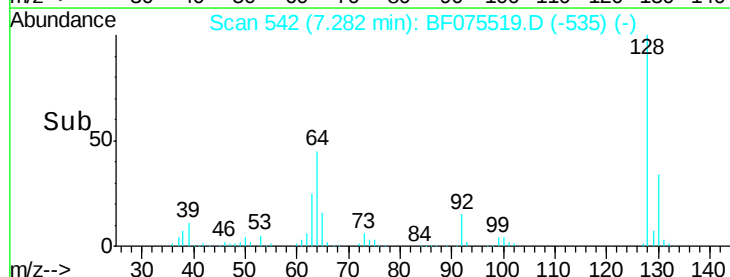
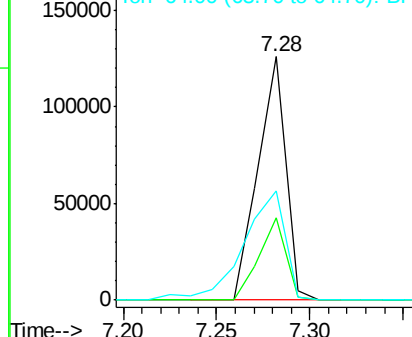
128 100

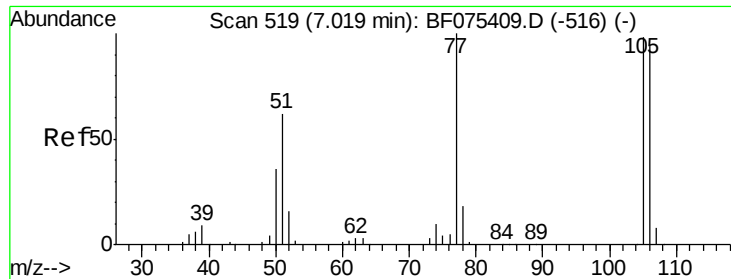
130 33.7 12.7 52.7

64 44.7 20.3 60.3



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





#9

Benzaldehyde

Concen: 2.17 ng

RT: 7.00 min Scan# 517

Delta R.T. -0.02 min

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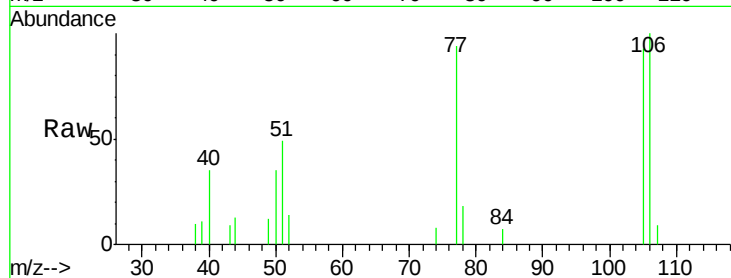
Tgt Ion: 77 Resp: 4407

Ion Ratio Lower Upper

77 100

105 99.1 81.6 121.6

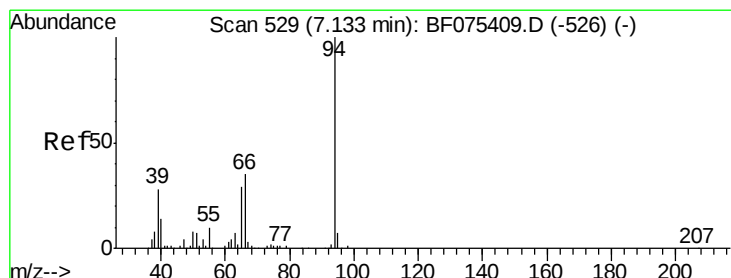
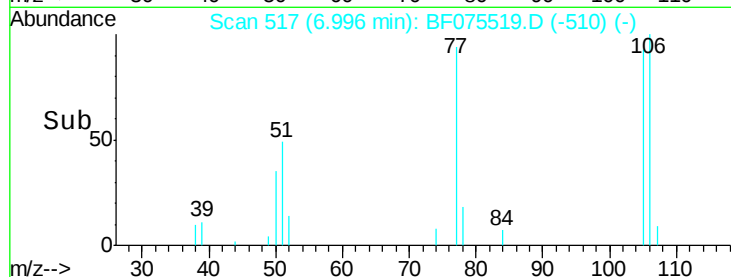
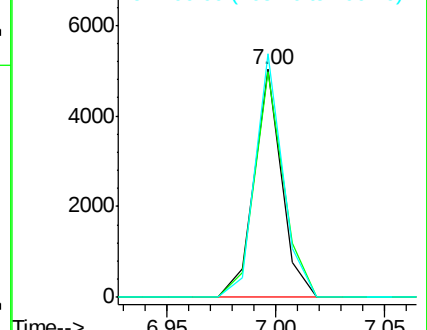
106 106.7 77.5 117.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.27 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

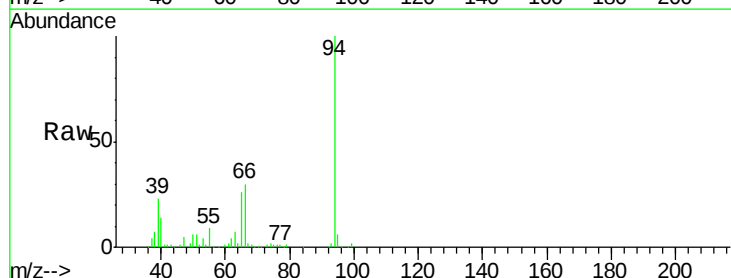
Tgt Ion: 94 Resp: 177705

Ion Ratio Lower Upper

94 100

65 25.8 13.1 53.1

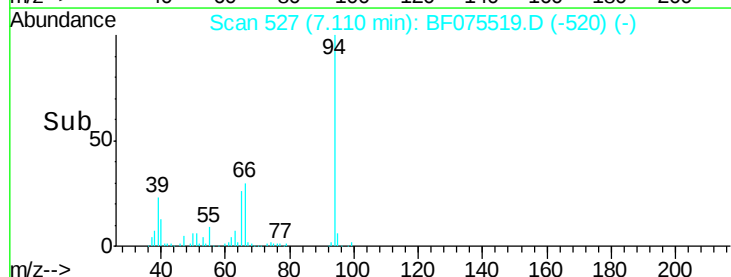
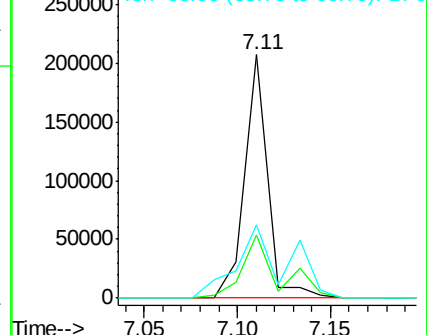
66 30.3 20.8 60.8

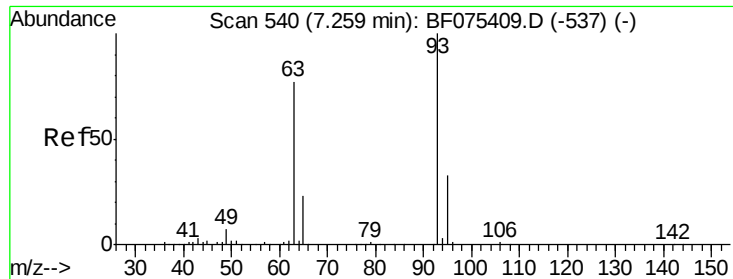


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

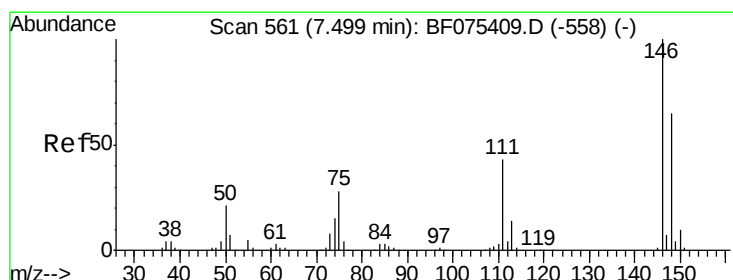
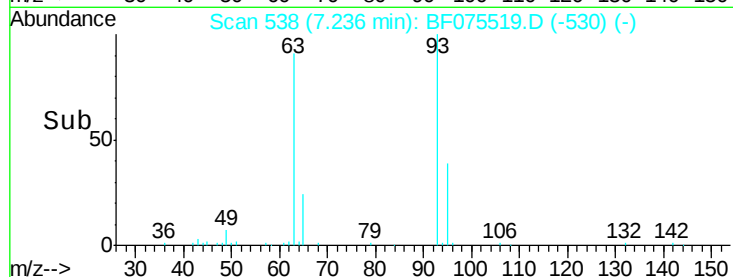
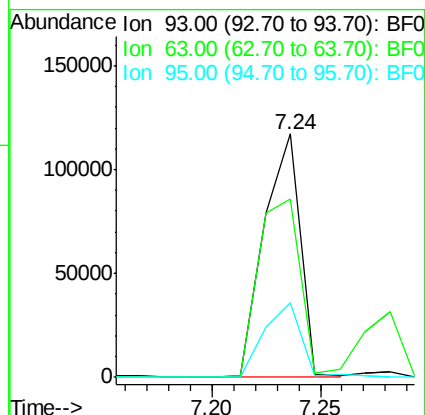
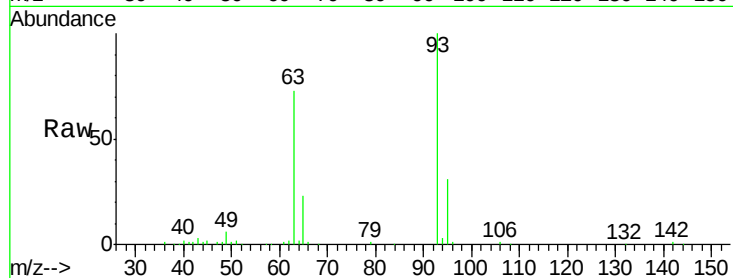




#11
bis(2-Chloroethyl)ether
Concen: 49.14 ng
RT: 7.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF075519.D
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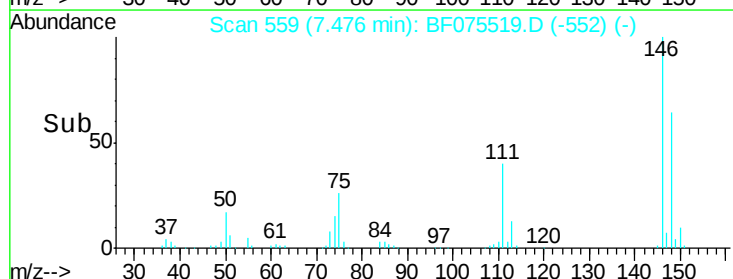
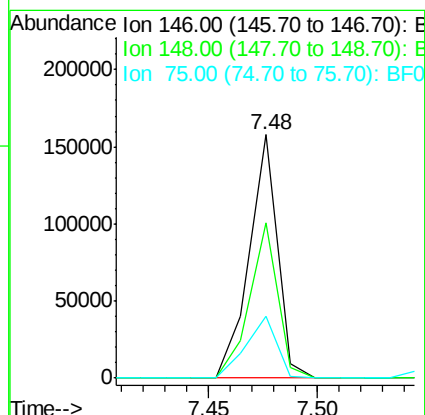
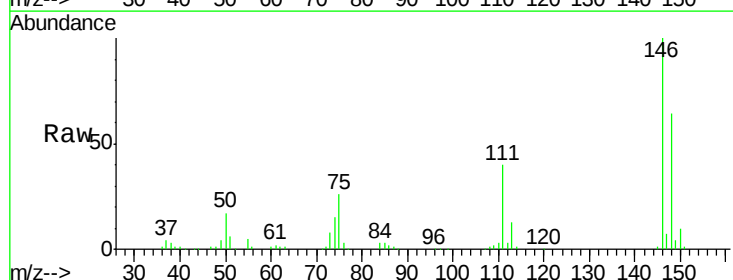
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ClientSampleId :
PB80238BS

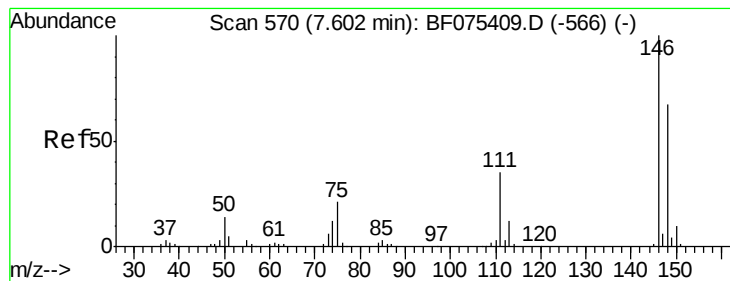
Tgt Ion: 93 Resp: 137031
Ion Ratio Lower Upper
93 100
63 73.1 79.8 119.8#
95 30.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 45.02 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion: 146 Resp: 142498
Ion Ratio Lower Upper
146 100
148 63.8 53.1 79.7
75 25.5 21.5 32.3





#13

1,4-Dichlorobenzene

Concen: 44.45 ng

RT: 7.57 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

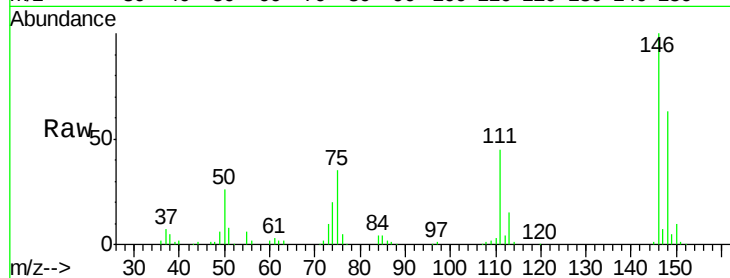
Tgt Ion:146 Resp: 143139

Ion Ratio Lower Upper

146 100

148 63.3 49.9 74.9

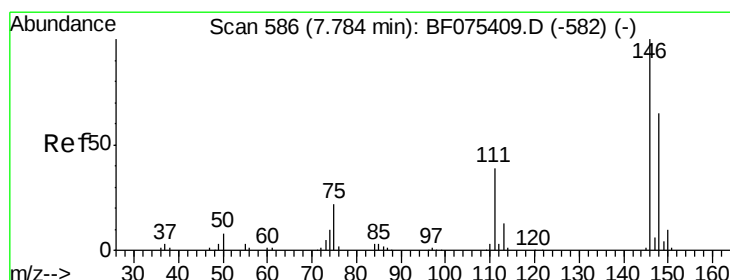
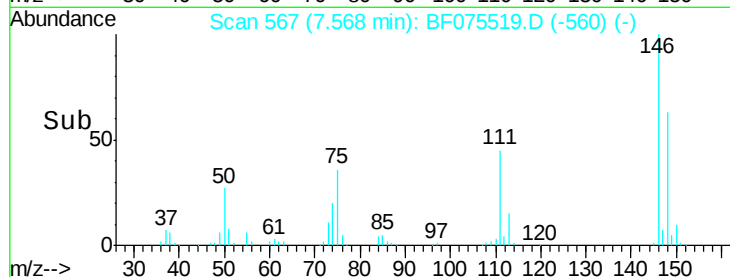
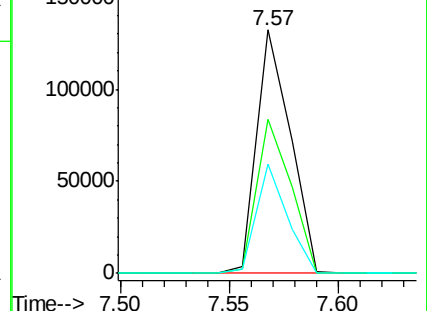
111 44.8 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.40 ng

RT: 7.75 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

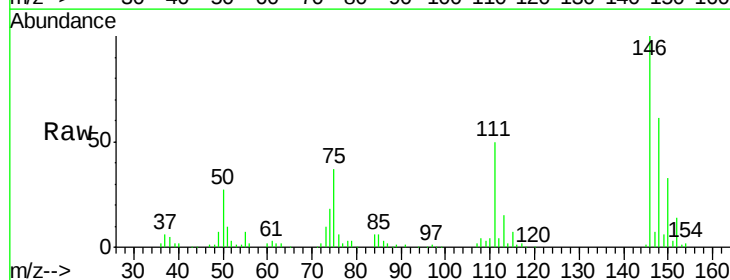
Tgt Ion:146 Resp: 134048

Ion Ratio Lower Upper

146 100

148 60.6 50.7 76.1

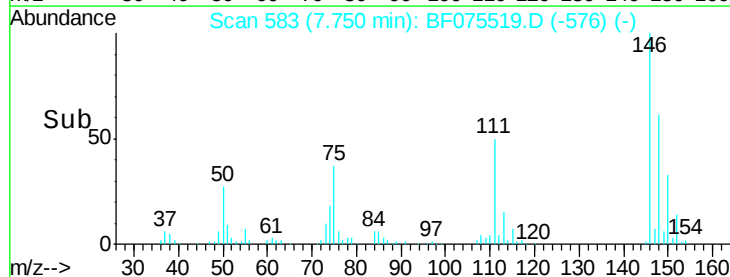
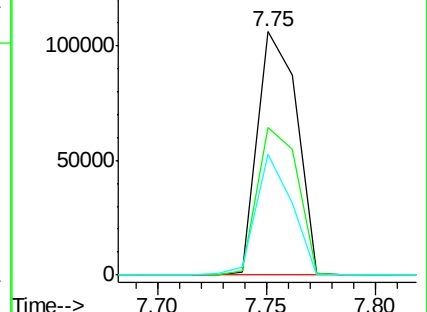
111 49.8 39.9 59.9

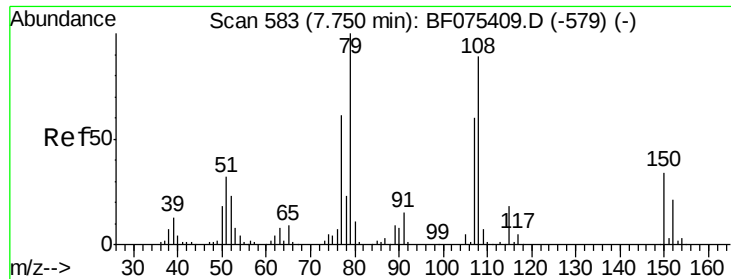


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.36 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

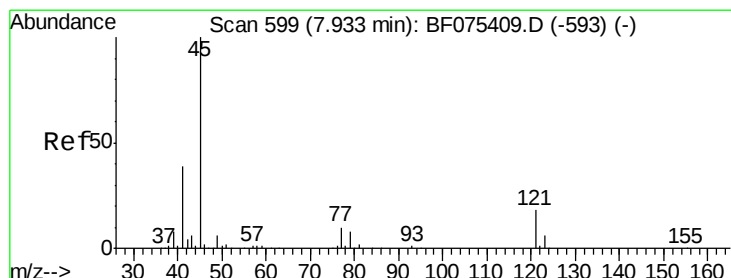
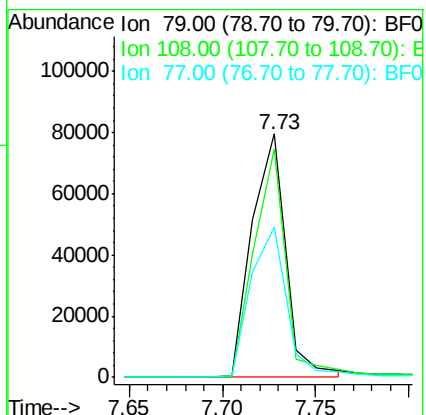
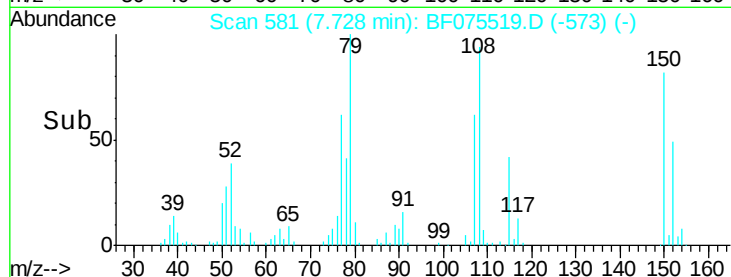
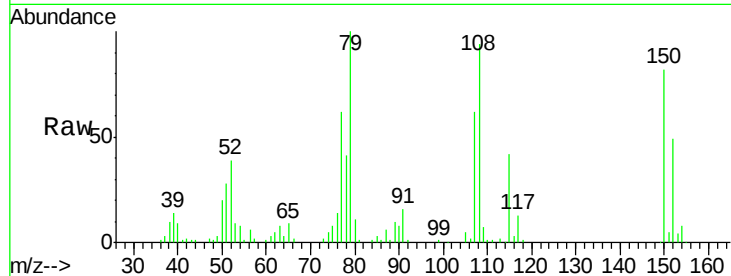
Tgt Ion: 79 Resp: 100350

Ion Ratio Lower Upper

79 100

108 93.6 75.5 113.3

77 61.6 52.1 78.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.33 ng

RT: 7.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

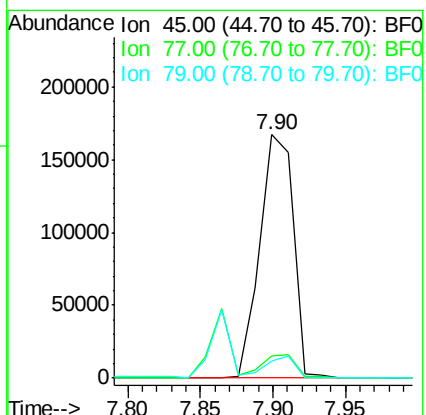
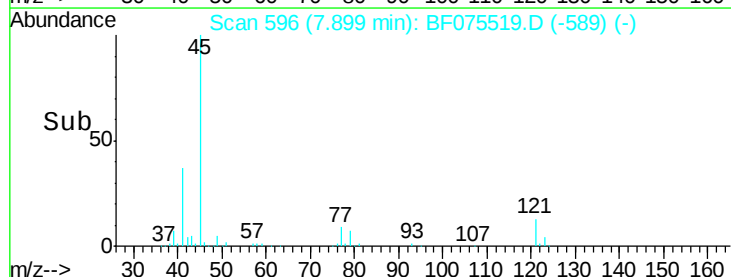
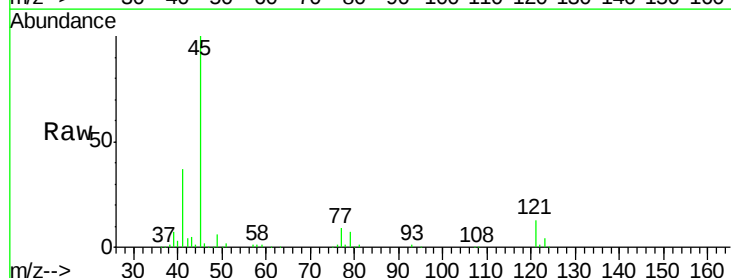
Tgt Ion: 45 Resp: 267404

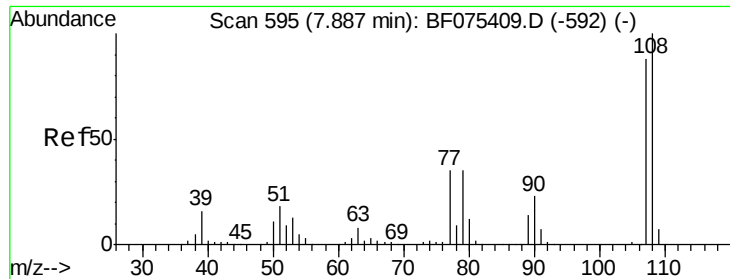
Ion Ratio Lower Upper

45 100

77 9.3 0.0 28.6

79 7.2 0.0 26.5

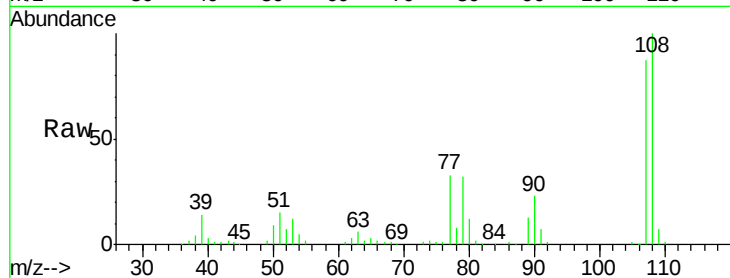




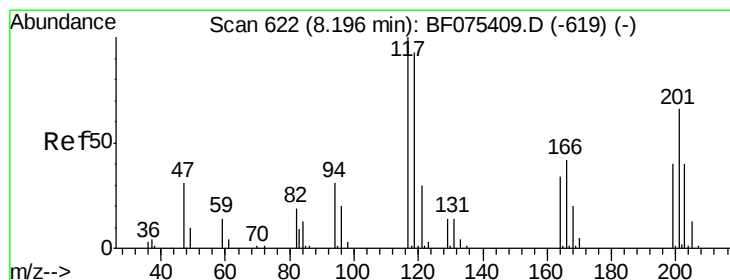
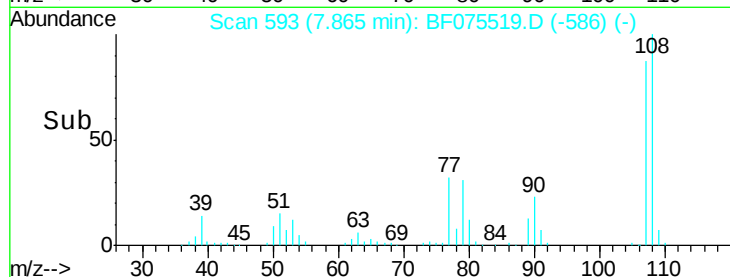
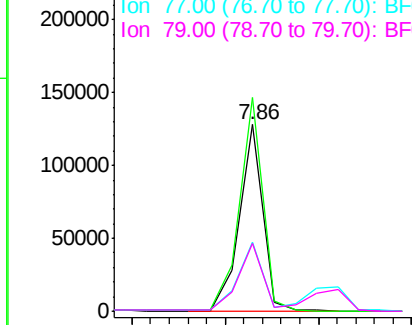
#17
2-Methylphenol
Concen: 47.02 ng
RT: 7.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tgt Ion:	107	Resp:	113057
Ion	Ratio	Lower	Upper
107	100		
108	114.4	95.6	143.4
77	37.3	30.2	45.4
79	36.7	31.3	46.9

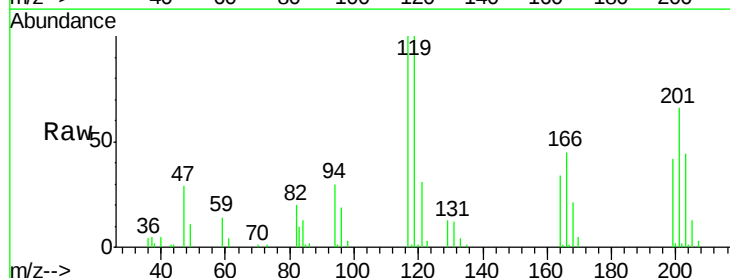


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

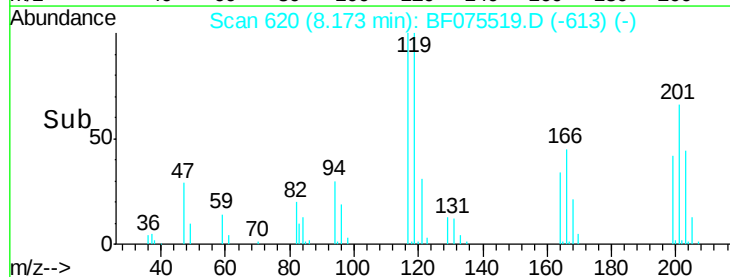
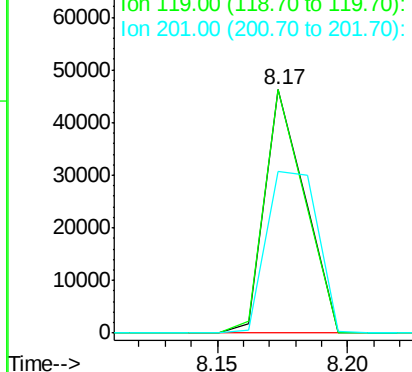


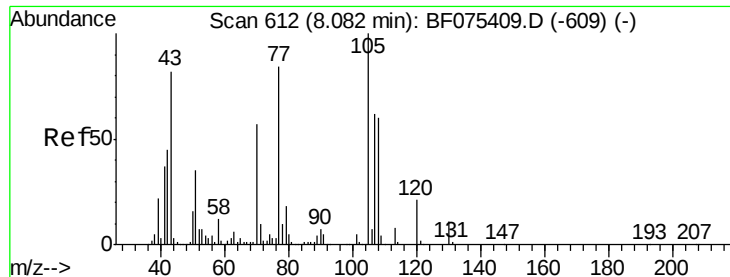
#18
Hexachloroethane
Concen: 44.90 ng
RT: 8.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion:	117	Resp:	49580
Ion	Ratio	Lower	Upper
117	100		
119	100.0	72.9	109.3
201	66.2	48.2	72.4



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

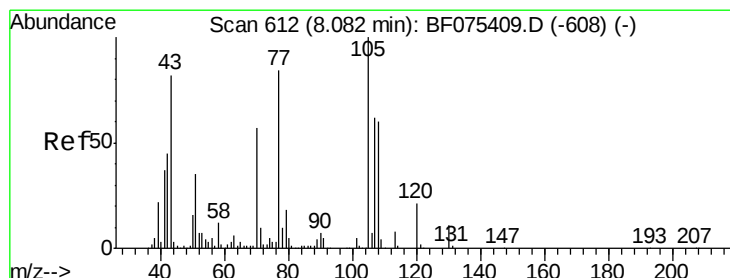
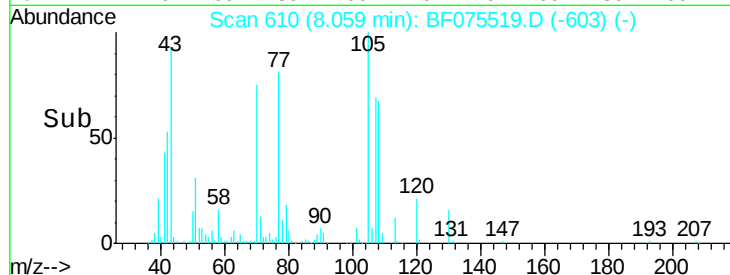
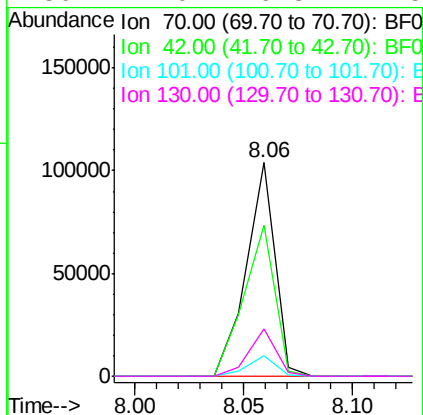
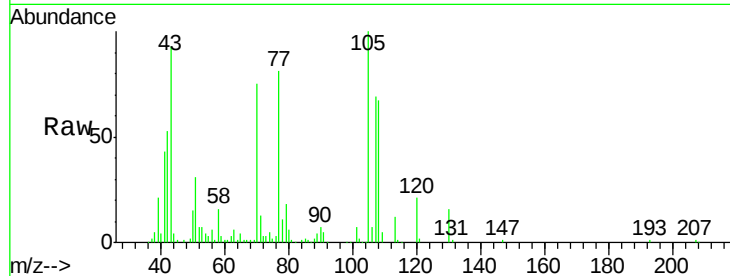




#19
 n-Nitroso-di-n-propylamine
 Concen: 46.26 ng
 RT: 8.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

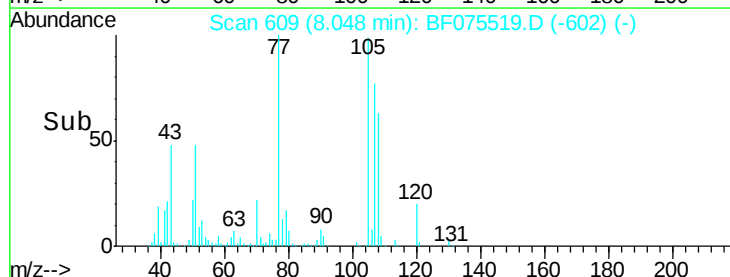
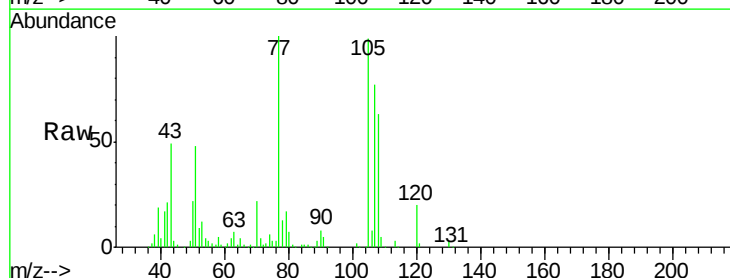
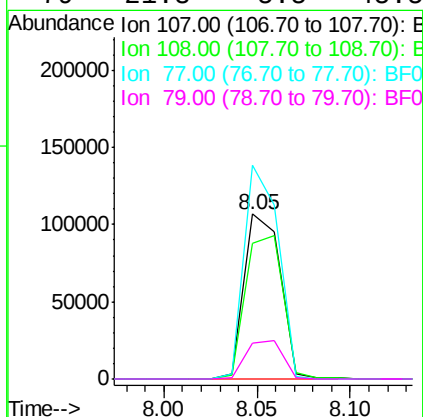
Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

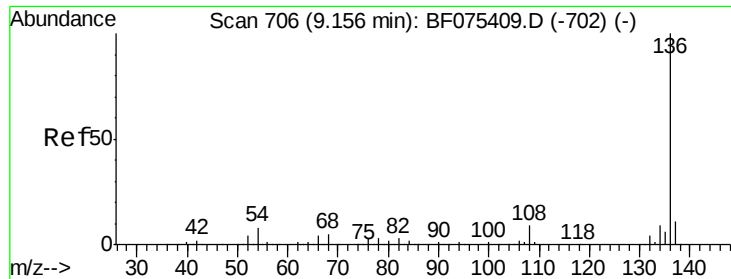
Tgt Ion:	70	Resp:	95116
Ion	Ratio	Lower	Upper
70	100		
42	71.0	63.0	94.6
101	9.6	7.5	11.3
130	22.0	16.3	24.5



#20
 3+4-Methylphenols
 Concen: 45.65 ng
 RT: 8.05 min Scan# 609
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion:	107	Resp:	143733
Ion	Ratio	Lower	Upper
107	100		
108	82.1	69.6	109.6
77	129.8	84.4	124.4#
79	21.8	5.5	45.5

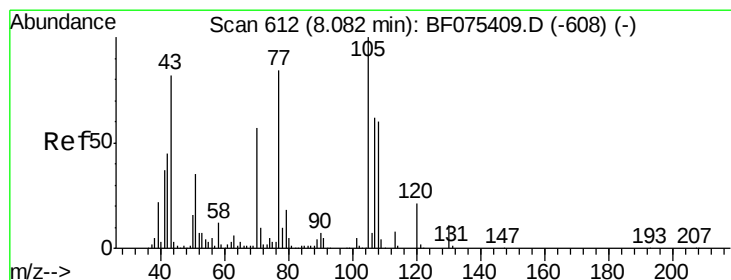
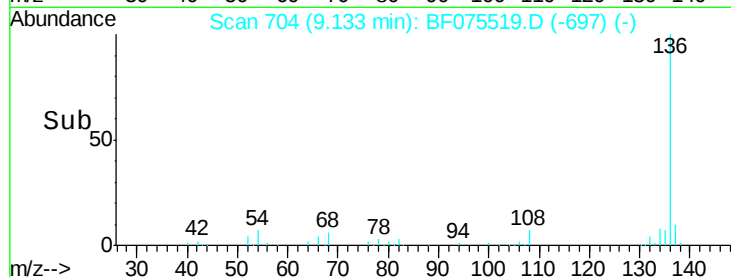
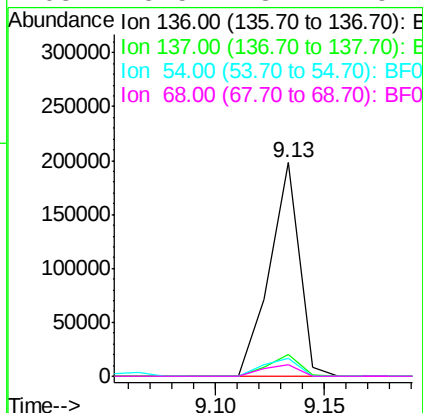
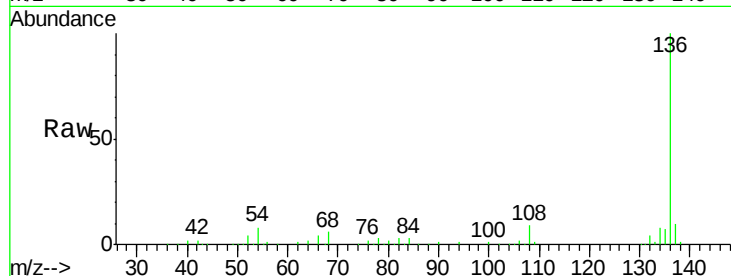




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

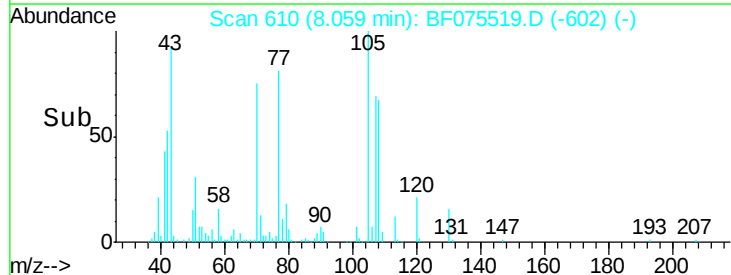
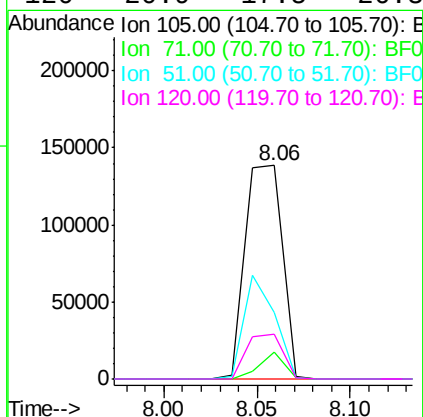
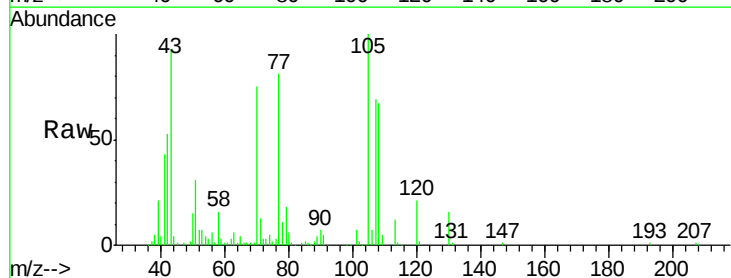
Instrument :
BNA_F
ClientSampleId :
PB80238BS

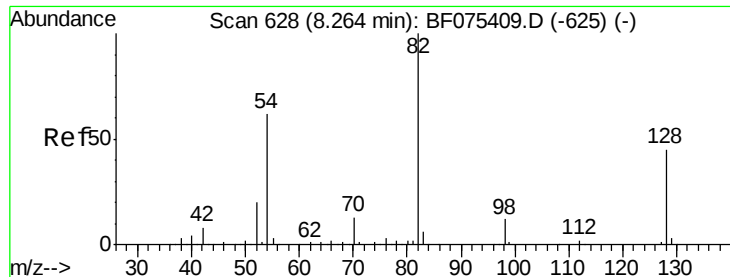
Tgt Ion:	136	Resp:	190855
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	8.4	6.2	9.4
68	5.5	3.4	5.2#



#22
Acetophenone
Concen: 46.62 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion:	105	Resp:	191952
Ion	Ratio	Lower	Upper
105	100		
71	12.5	10.5	15.7
51	31.4	24.2	36.2
120	20.9	17.5	26.3

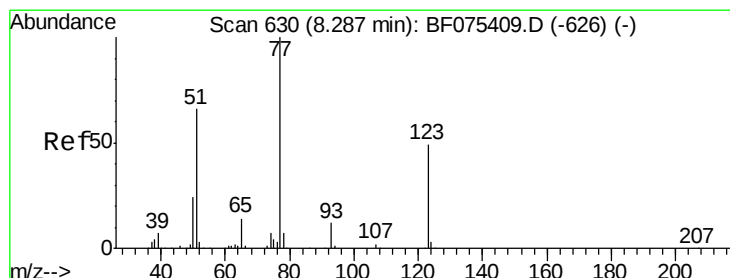
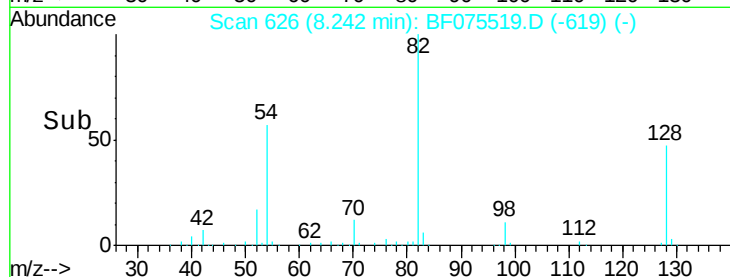
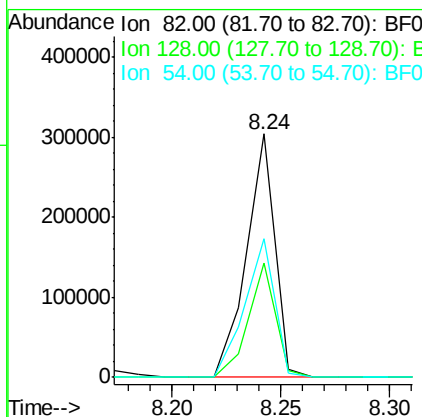
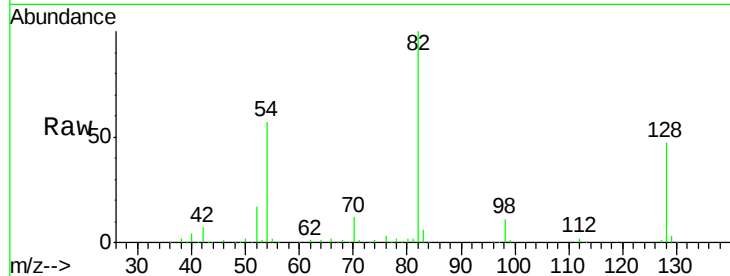




#23
 Nitrobenzene-d5
 Concen: 106.28 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

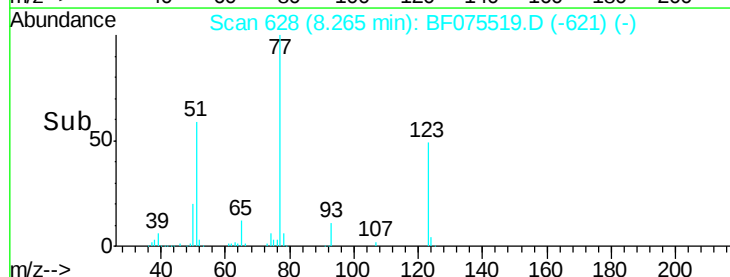
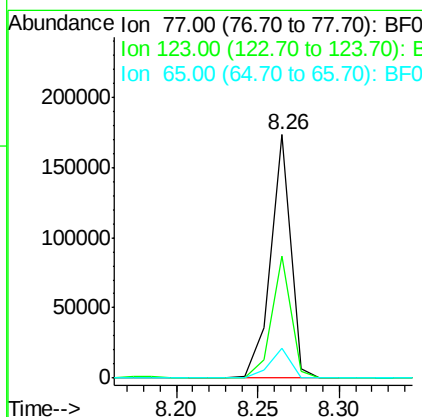
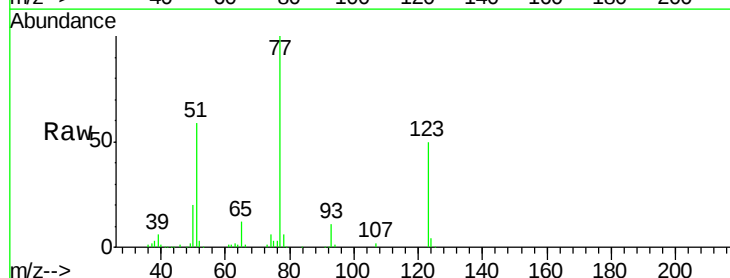
Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

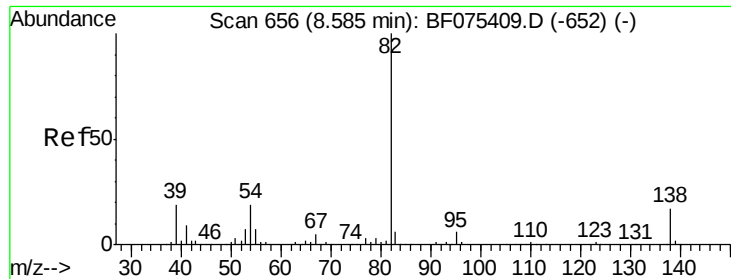
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.8	56.6
54	57.0	49.8	74.8



#24
 Nitrobenzene
 Concen: 49.27 ng
 RT: 8.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	39.0	58.4
65	12.2	10.6	15.8





#25

Isophorone

Concen: 44.76 ng

RT: 8.56 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

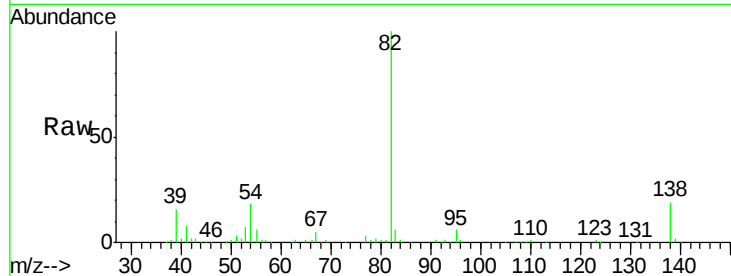
Tgt Ion: 82 Resp: 266017

Ion Ratio Lower Upper

82 100

95 5.7 5.2 7.8

138 19.4 15.0 22.6

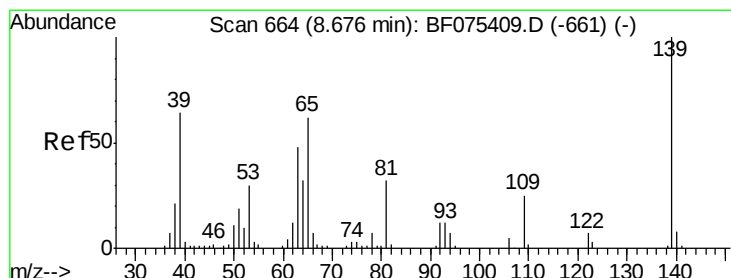
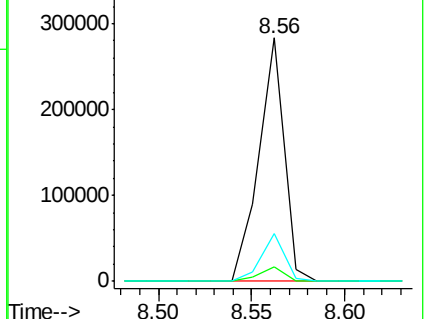
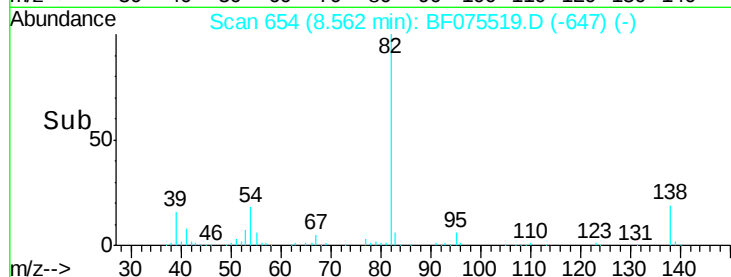


Abundance Ion 82.00 (81.70 to 82.70): BF075409.D (-652) (-)

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

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

Time-->



#26

2-Nitrophenol

Concen: 45.76 ng

RT: 8.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

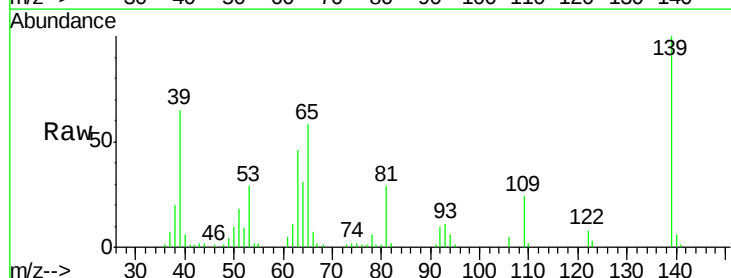
Tgt Ion: 139 Resp: 62903

Ion Ratio Lower Upper

139 100

109 24.1 22.3 33.5

65 58.3 49.1 73.7

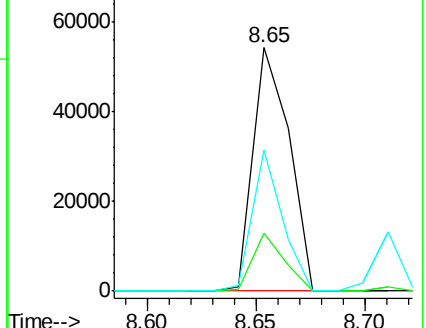
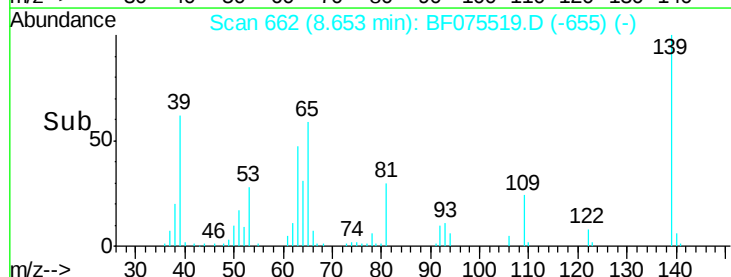


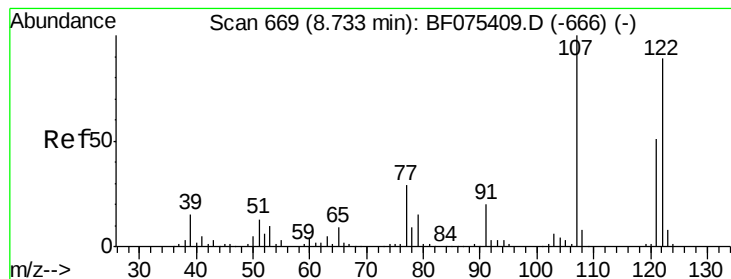
Abundance Ion 139.00 (138.70 to 139.70): BF075409.D (-661) (-)

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

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

Time-->





#27

2,4-Dimethylphenol

Concen: 46.23 ng

RT: 8.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

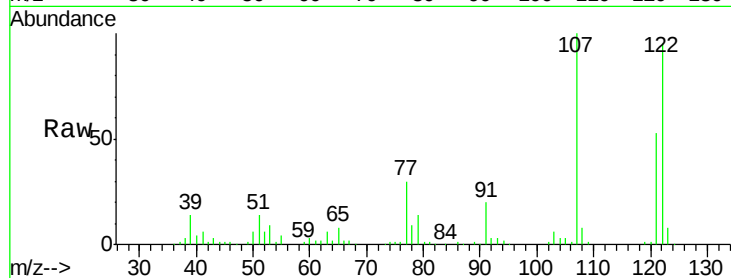
Tgt Ion:122 Resp: 123164

Ion Ratio Lower Upper

122 100

107 105.3 86.5 129.7

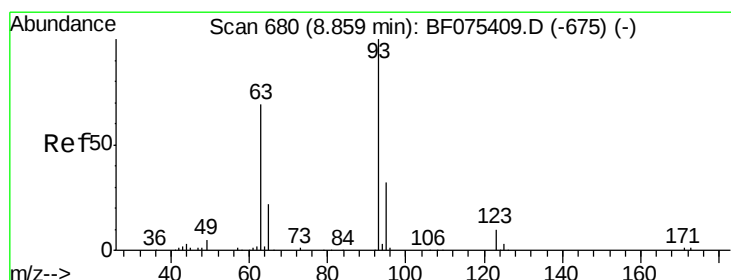
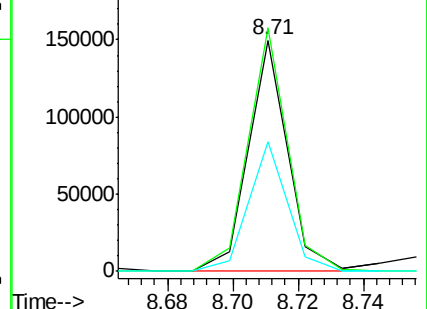
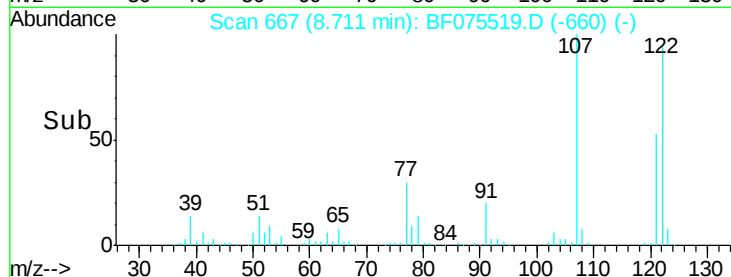
121 56.0 45.4 68.2



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: 48.55 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

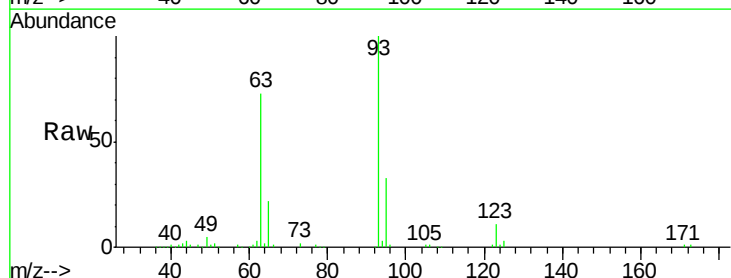
Tgt Ion: 93 Resp: 175863

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

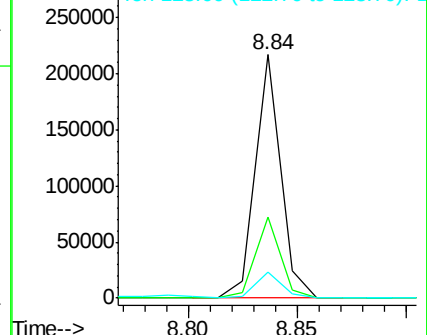
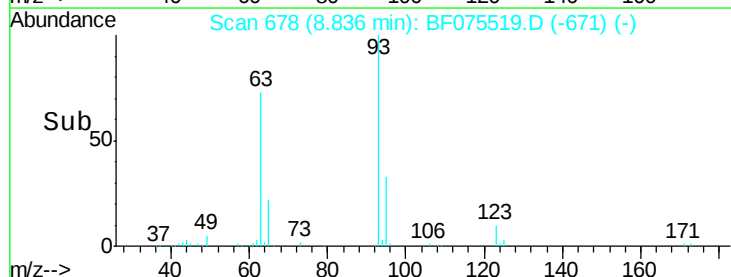
123 10.7 8.8 13.2

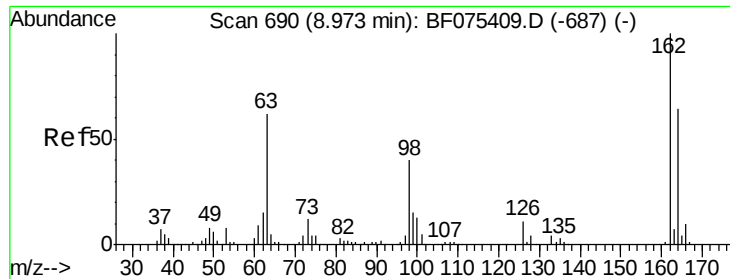


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

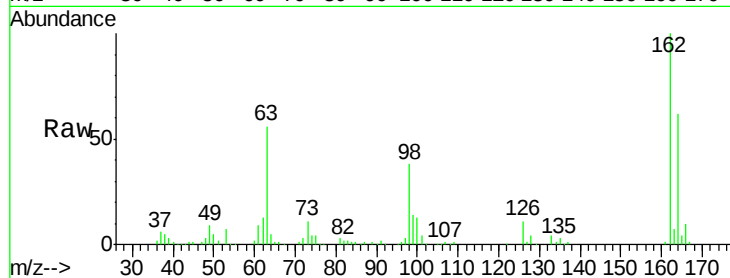




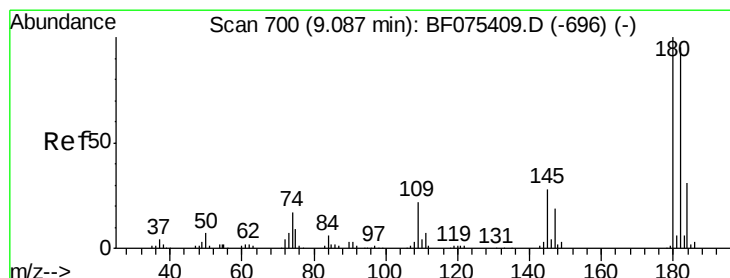
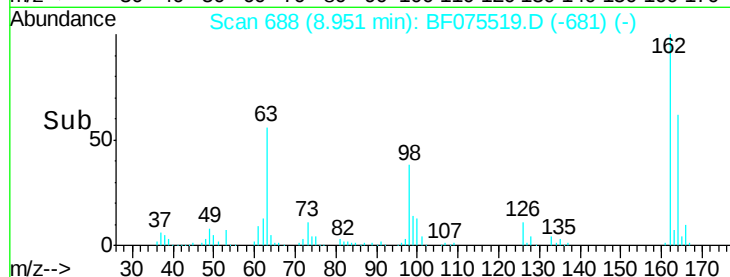
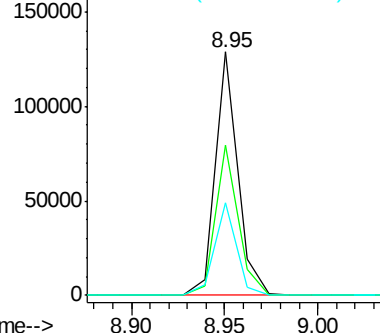
#29
 2,4-Dichlorophenol
 Concen: 46.42 ng
 RT: 8.95 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	43.8	83.8
98	38.3	14.6	54.6

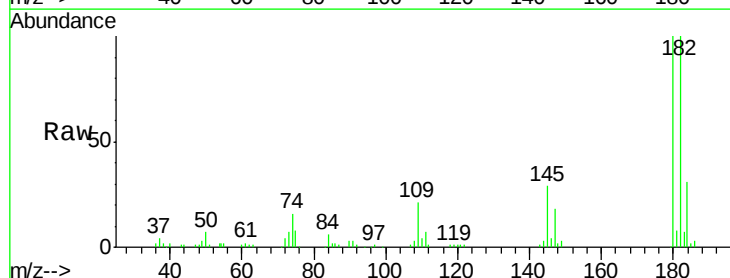


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

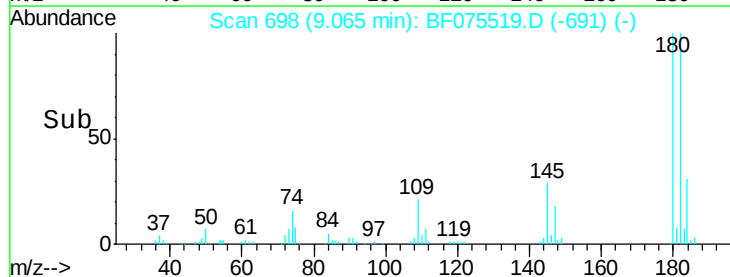
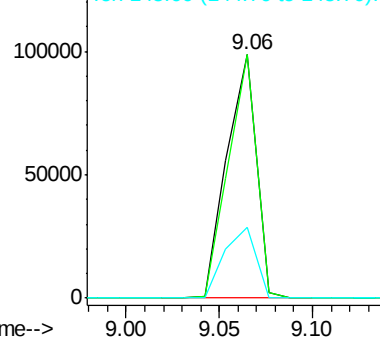


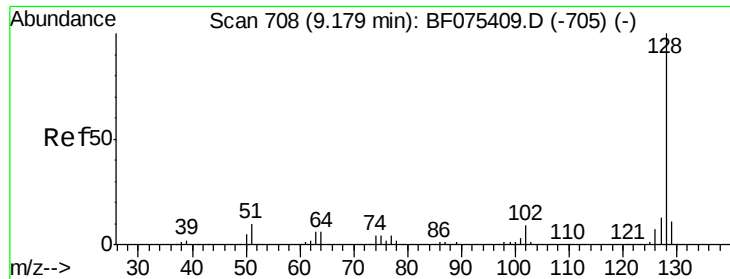
#30
 1,2,4-Trichlorobenzene
 Concen: 43.89 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	78.4	117.6
145	28.9	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

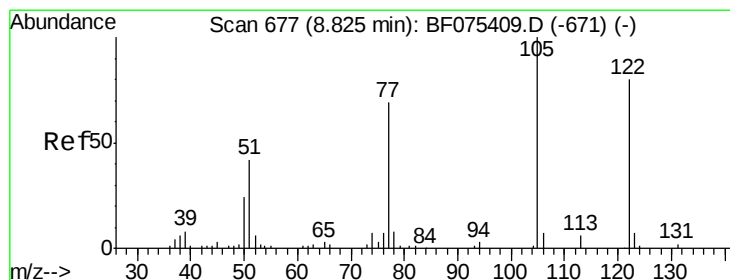
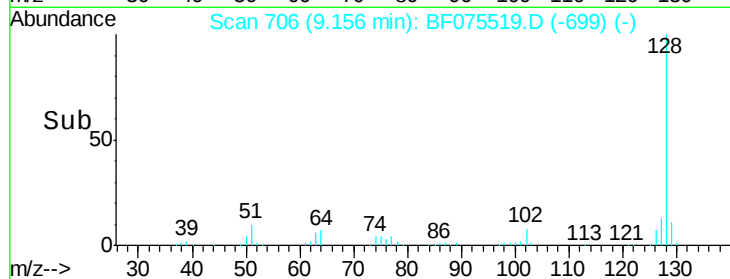
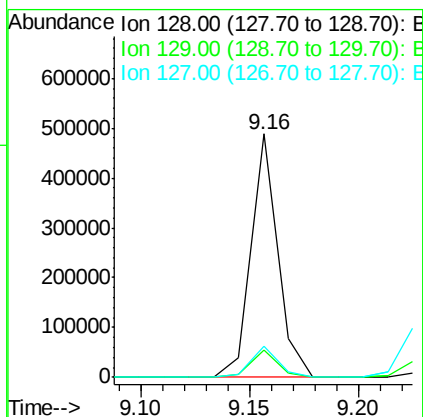
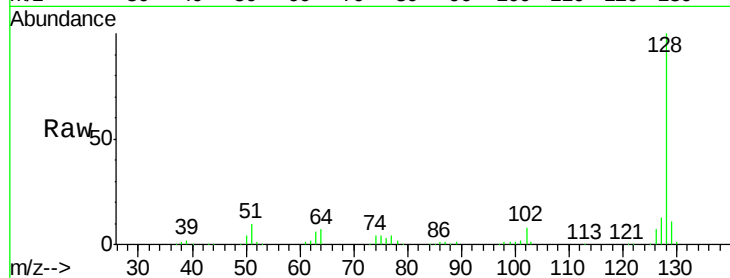




#31
Naphthalene
Concen: 48.75 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

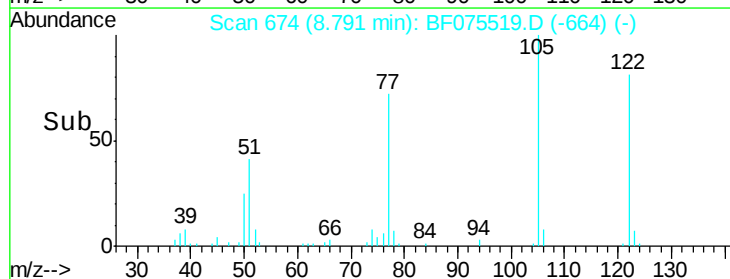
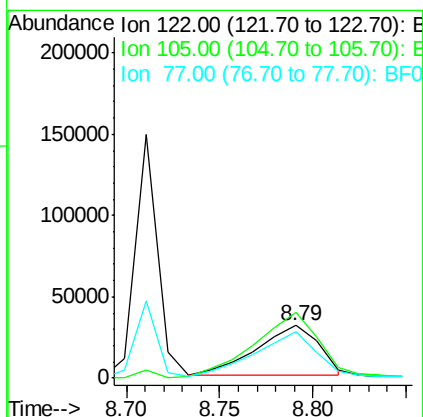
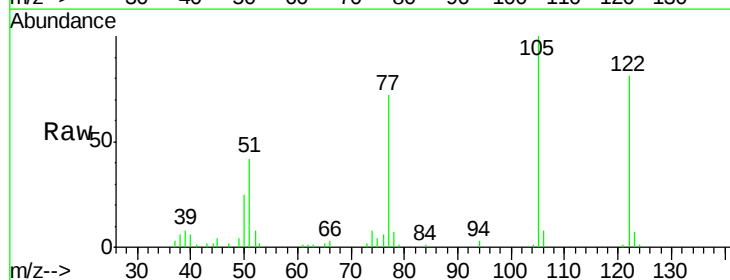
Instrument :
BNA_F
ClientSampleId :
PB80238BS

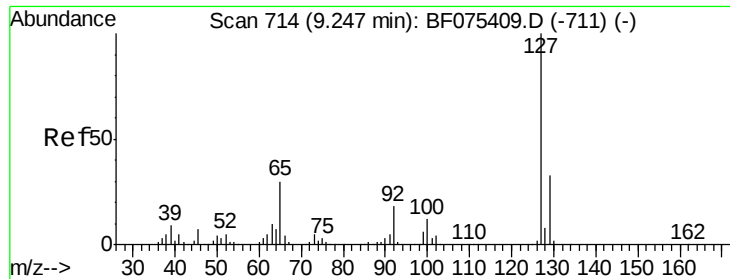
Tgt Ion:128 Resp: 414787
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.5 10.2 15.4



#32
Benzoic acid
Concen: 44.53 ng
RT: 8.79 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion:122 Resp: 71689
Ion Ratio Lower Upper
122 100
105 123.9 95.1 135.1
77 89.1 62.6 102.6

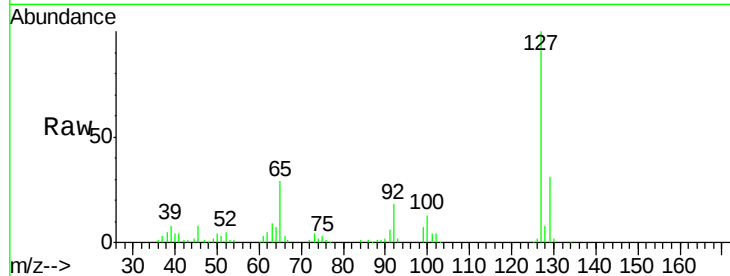




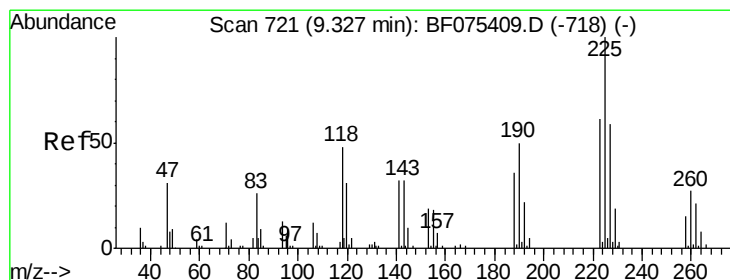
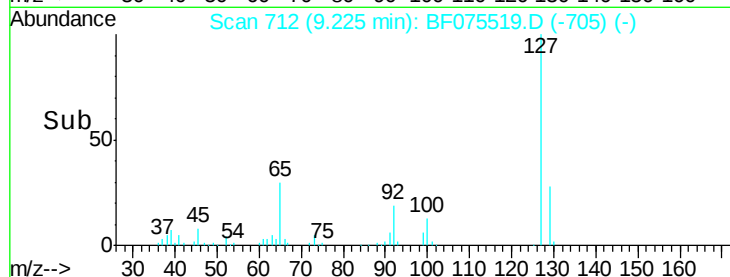
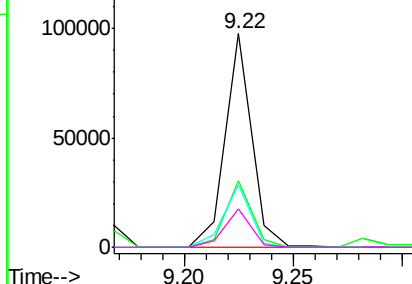
#33
4-Chloroaniline
Concen: 22.32 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tgt Ion:	127	Resp:	82508
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.5	38.3
65	29.1	22.8	34.2
92	17.7	13.8	20.6

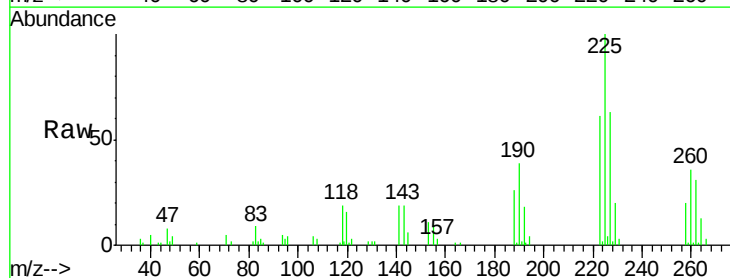


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

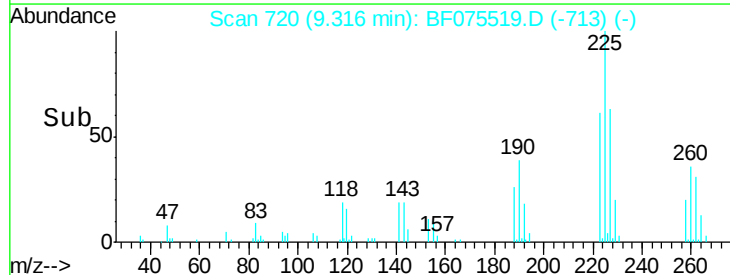
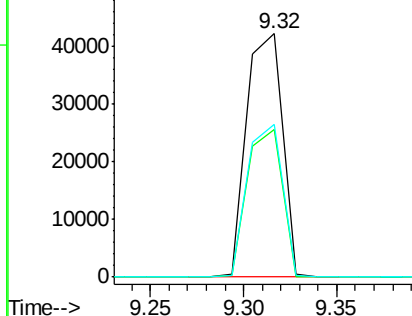


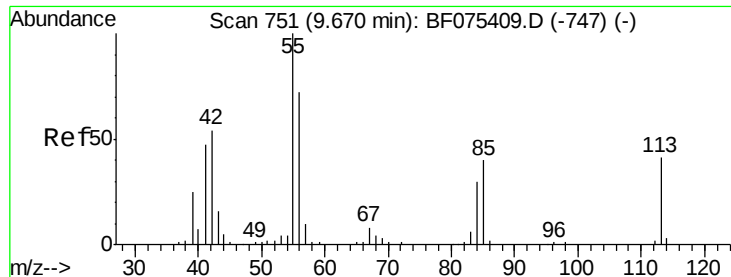
#34
Hexachlorobutadiene
Concen: 42.56 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion:	225	Resp:	56372
Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.0	76.6
227	63.0	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

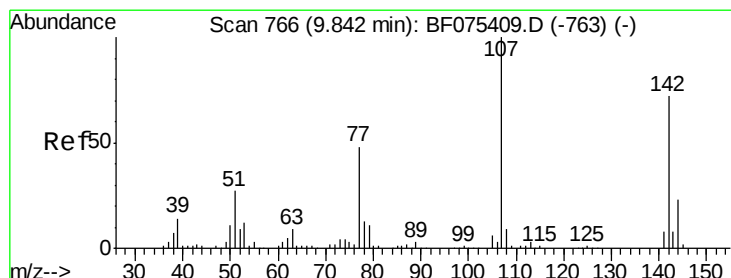
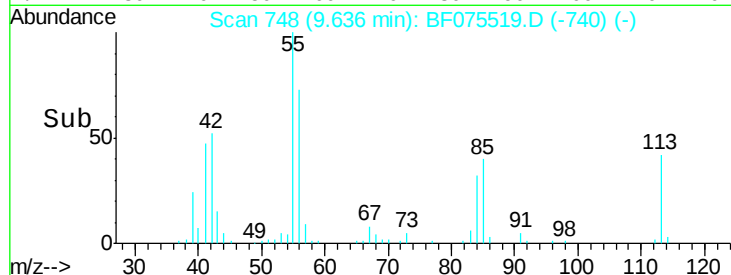
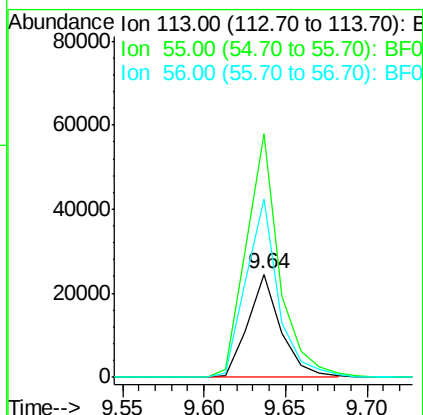
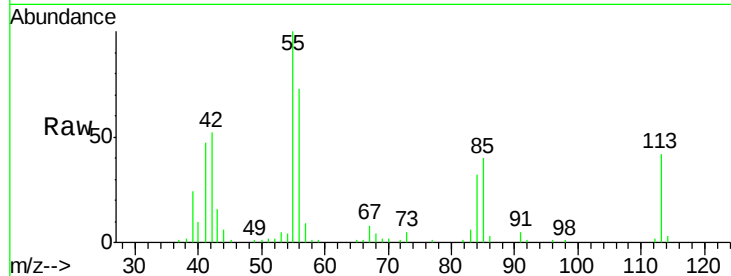




#35
 Caprolactam
 Concen: 44.86 ng
 RT: 9.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

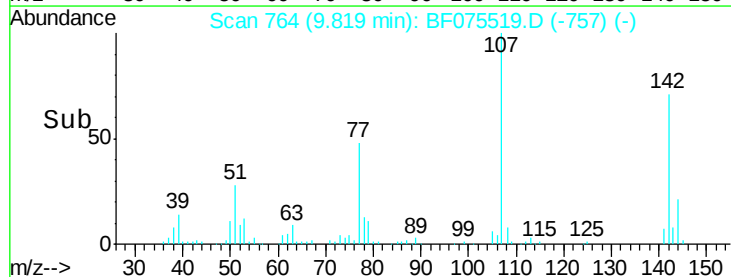
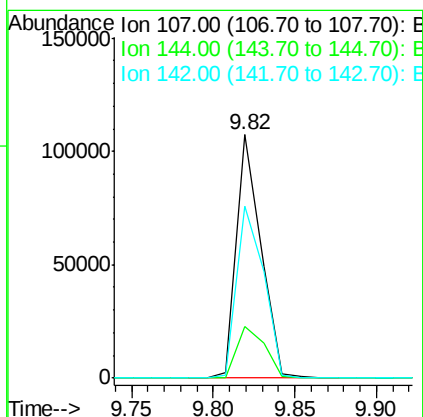
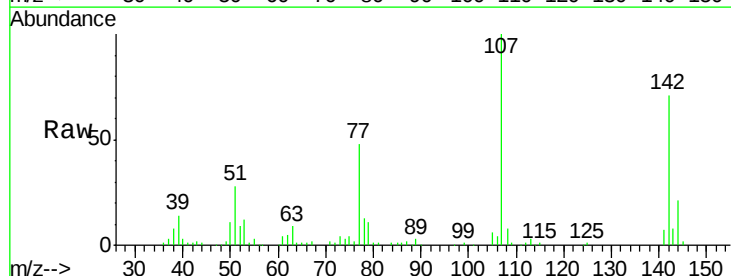
Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

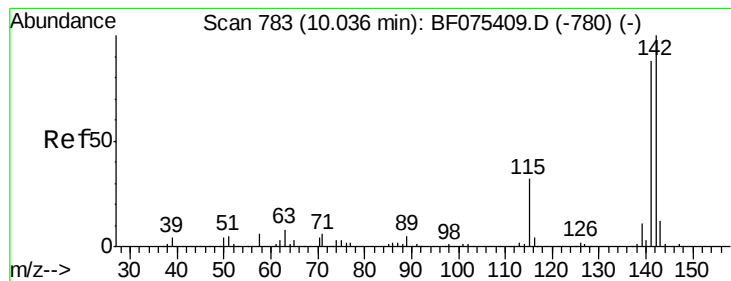
Tgt Ion:113 Resp: 34702
 Ion Ratio Lower Upper
 113 100
 55 236.1 226.9 266.9
 56 172.3 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.39 ng
 RT: 9.82 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion:107 Resp: 111111
 Ion Ratio Lower Upper
 107 100
 144 21.0 19.1 28.7
 142 70.8 62.9 94.3





#37

2-Methylnaphthalene

Concen: 44.41 ng

RT: 10.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

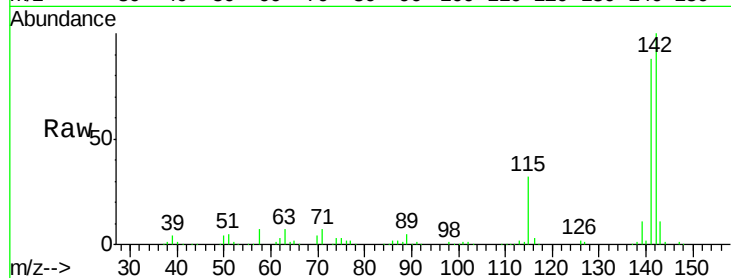
Tgt Ion:142 Resp: 257795

Ion Ratio Lower Upper

142 100

141 88.4 69.9 104.9

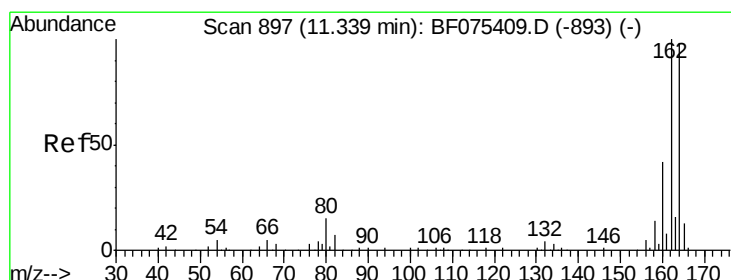
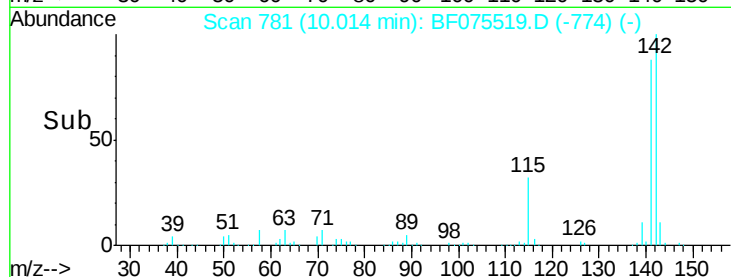
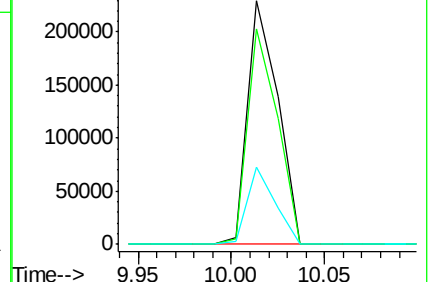
115 31.8 27.6 41.4



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: BF075519.D

Acq: 15 Nov 2014 3:09

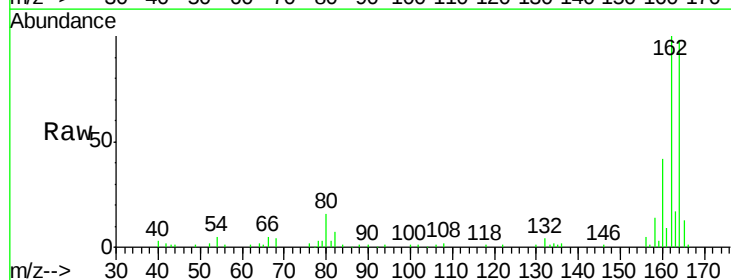
Tgt Ion:164 Resp: 96432

Ion Ratio Lower Upper

164 100

162 102.6 79.1 118.7

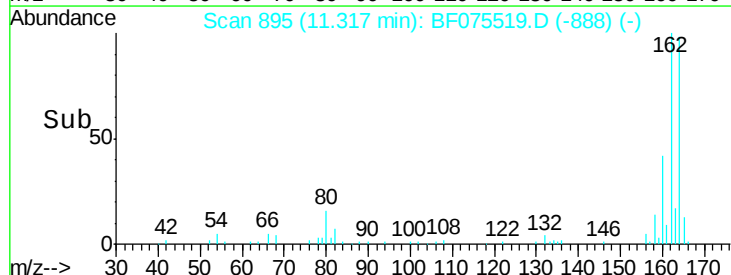
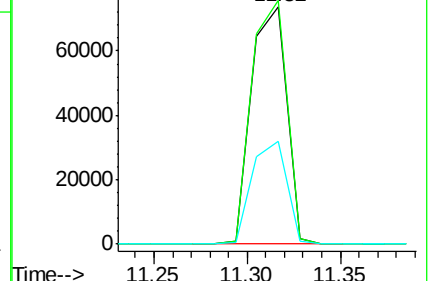
160 43.2 34.6 51.8

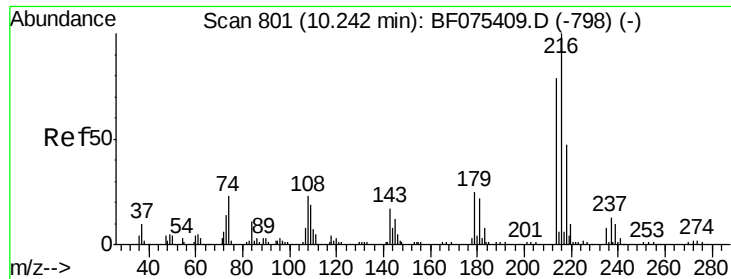


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

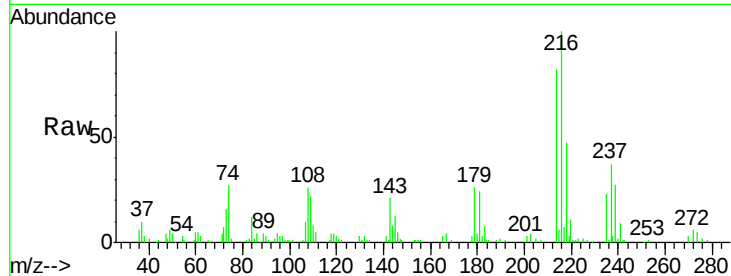




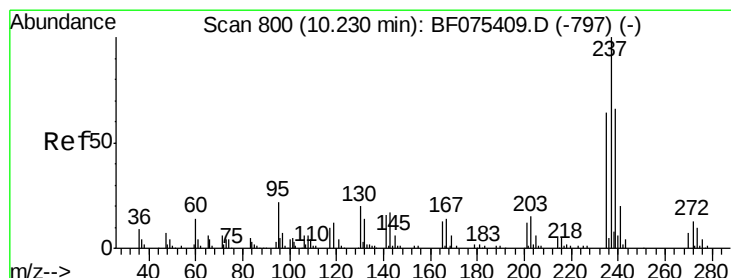
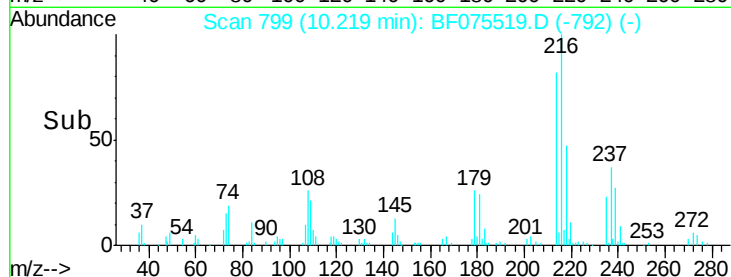
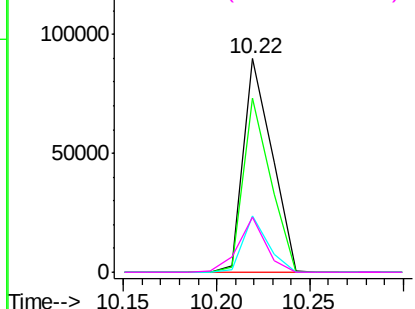
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.08 ng
 RT: 10.22 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tgt Ion:	216	Resp:	95300
Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.8	94.2
179	22.9	18.7	28.1
108	25.4	18.1	27.1

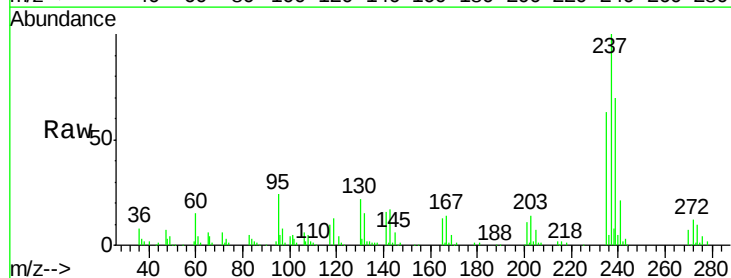


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

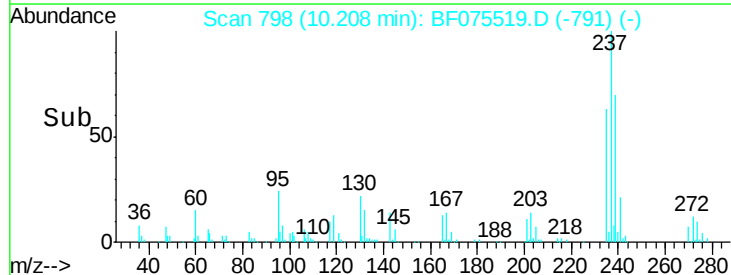
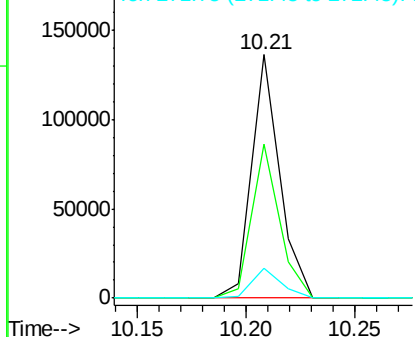


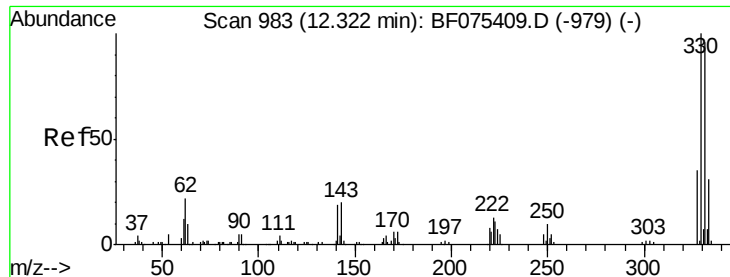
#40
 Hexachlorocyclopentadiene
 Concen: 101.11 ng
 RT: 10.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion:	237	Resp:	121748
Ion	Ratio	Lower	Upper
237	100		
235	63.1	45.7	85.7
272	12.5	0.0	32.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

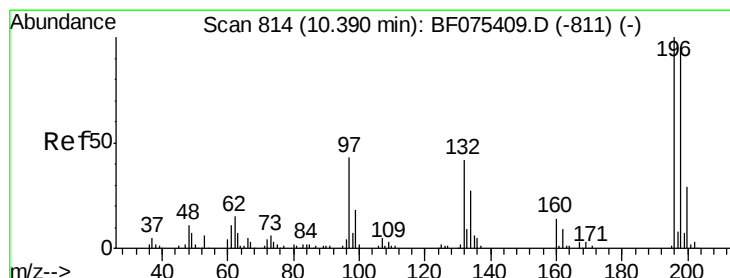
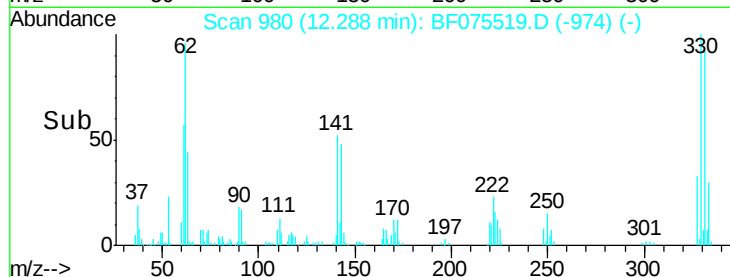
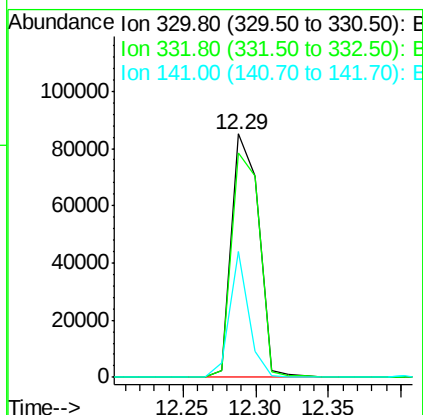
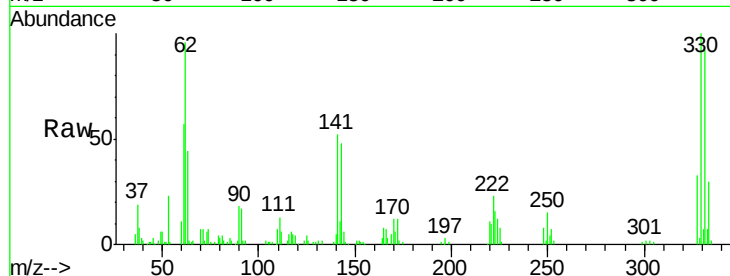




#41
 2,4,6-Tribromophenol
 Concen: 137.69 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

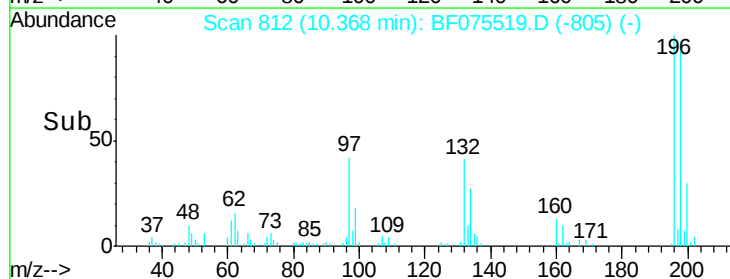
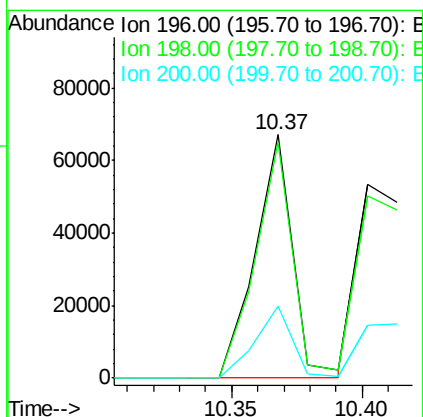
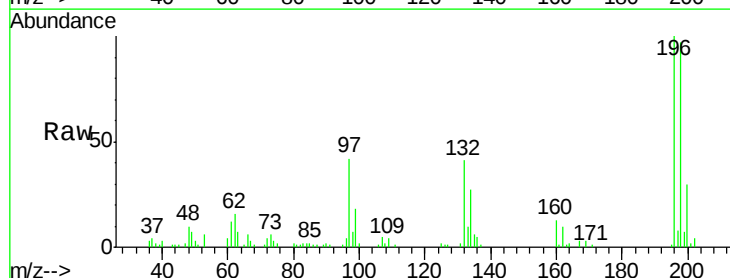
Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

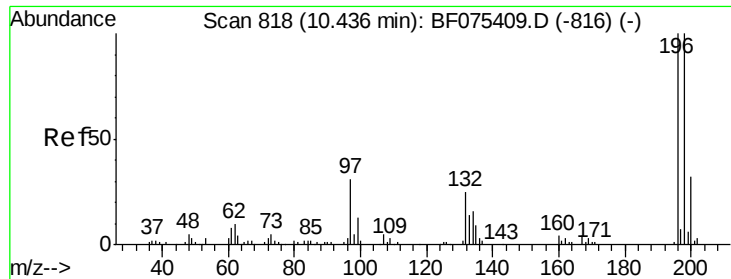
Tgt Ion:330 Resp: 111208
 Ion Ratio Lower Upper
 330 100
 332 95.3 74.5 111.7
 141 36.3 30.7 46.1



#42
 2,4,6-Trichlorophenol
 Concen: 42.63 ng
 RT: 10.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion:196 Resp: 67198
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.7 113.5
 200 29.7 23.4 35.0

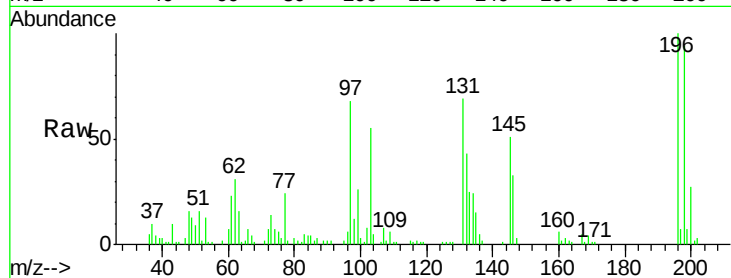




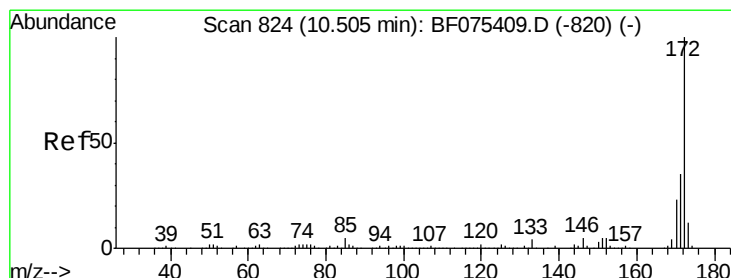
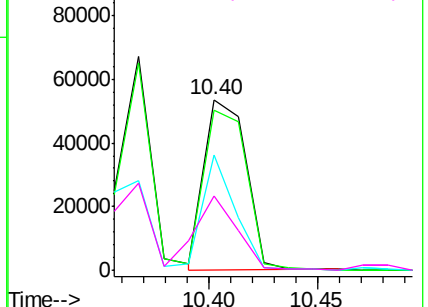
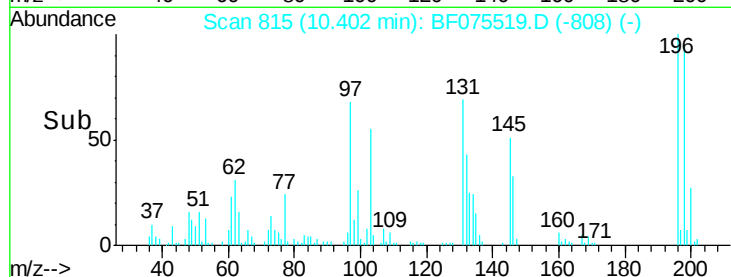
#43
 2,4,5-Trichlorophenol
 Concen: 43.61 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tgt Ion:196 Resp: 71605
 Ion Ratio Lower Upper
 196 100
 198 93.6 78.2 117.4
 97 67.8 29.9 44.9#
 132 43.3 22.2 33.2#

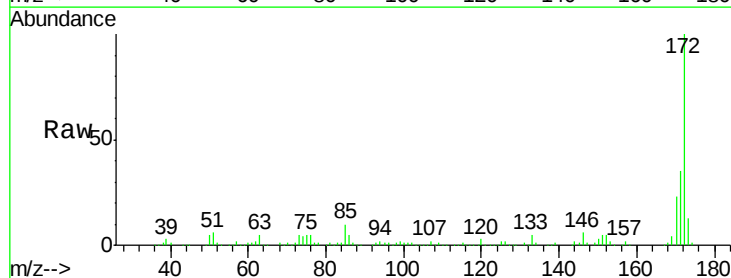


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

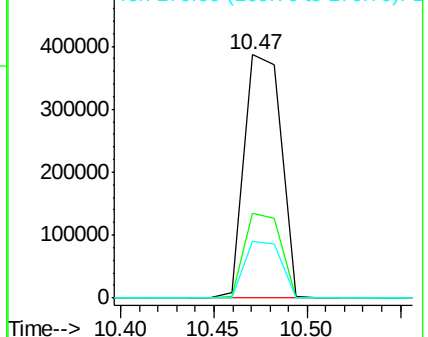
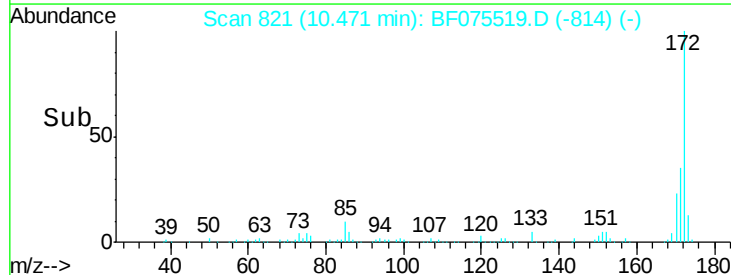


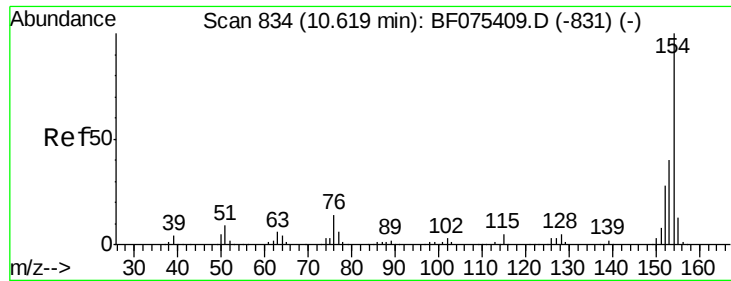
#44
 2-Fluorobiphenyl
 Concen: 98.57 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion:172 Resp: 526026
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.3 40.9
 170 23.3 18.4 27.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

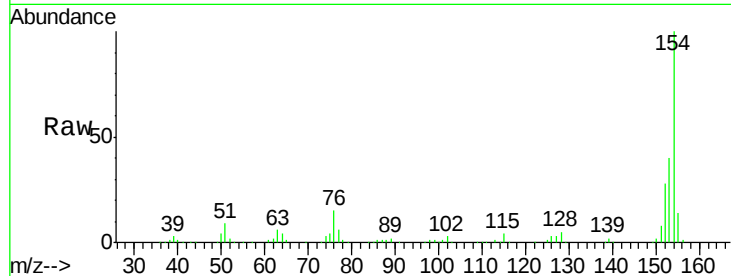




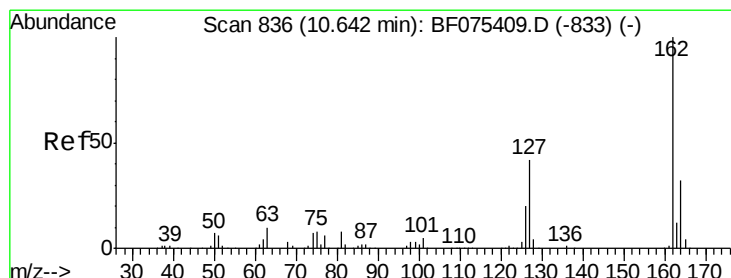
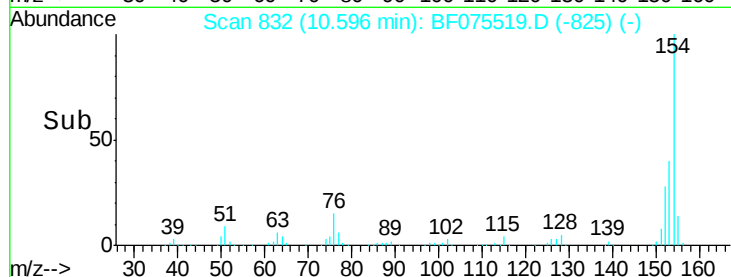
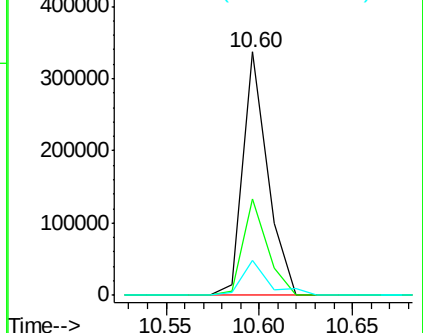
#45
 1,1'-Biphenyl
 Concen: 47.57 ng
 RT: 10.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tgt Ion:154 Resp: 309444
 Ion Ratio Lower Upper
 154 100
 153 39.5 19.3 59.3
 76 14.6 0.0 35.0

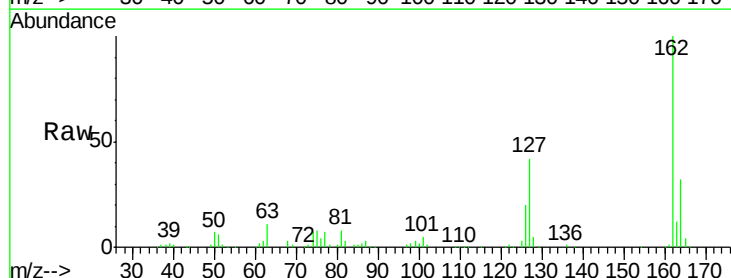


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

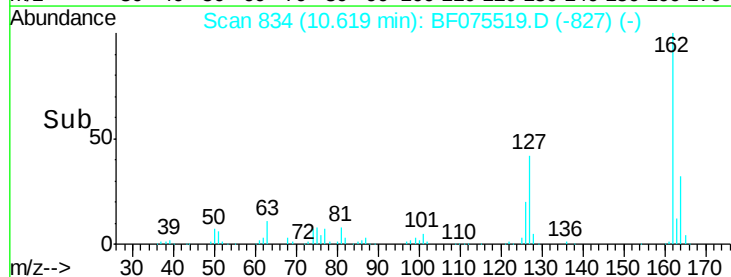
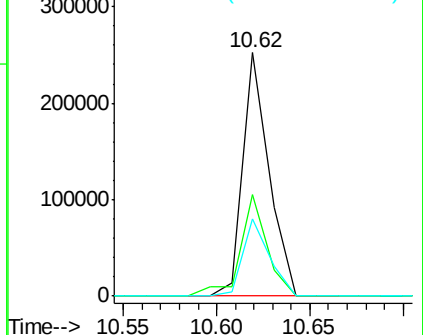


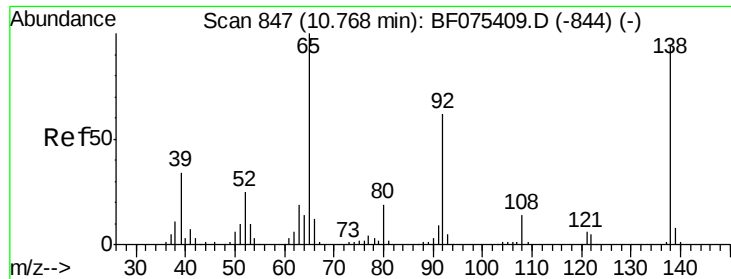
#46
 2-Chloronaphthalene
 Concen: 48.49 ng
 RT: 10.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion:162 Resp: 246633
 Ion Ratio Lower Upper
 162 100
 127 41.9 34.6 51.8
 164 31.6 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

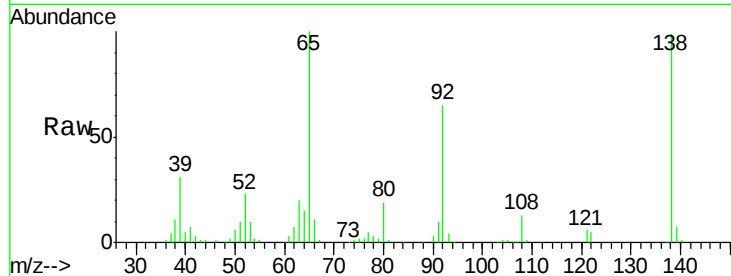




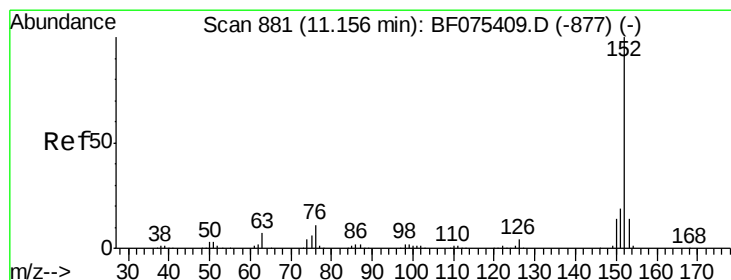
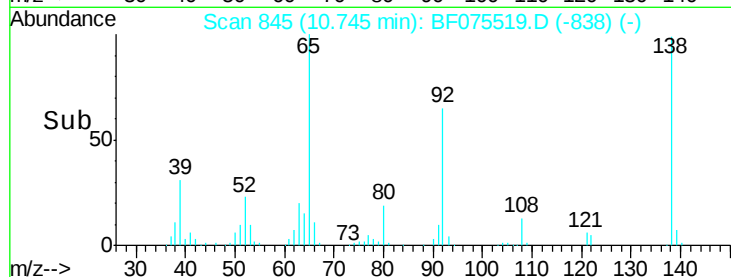
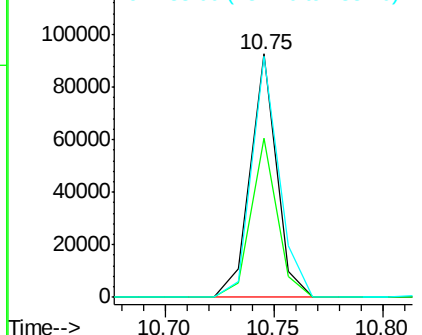
#47
2-Nitroaniline
Concen: 50.80 ng
RT: 10.75 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tgt Ion: 65 Resp: 77744
Ion Ratio Lower Upper
65 100
92 65.4 46.7 70.1
138 99.2 62.8 94.2#

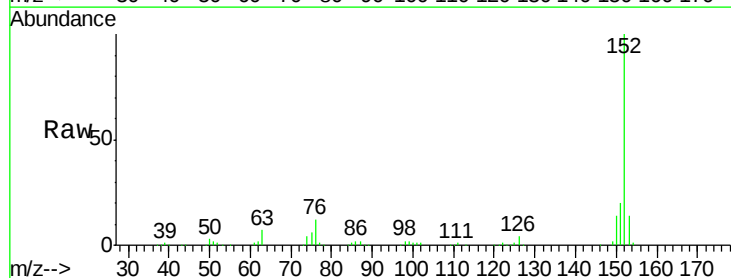


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

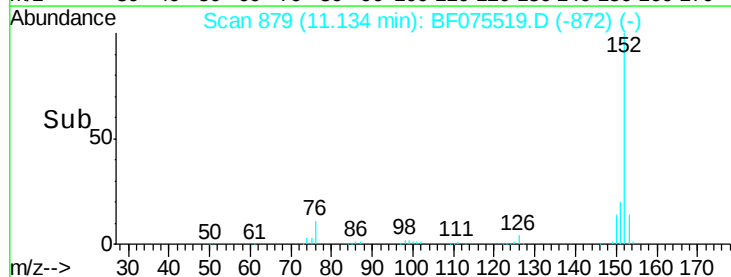
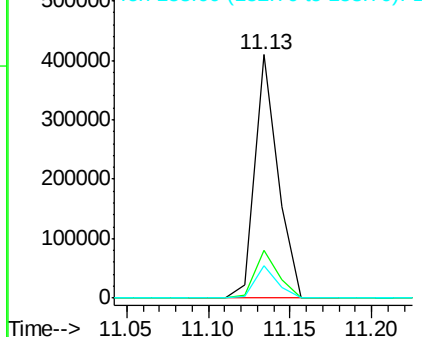


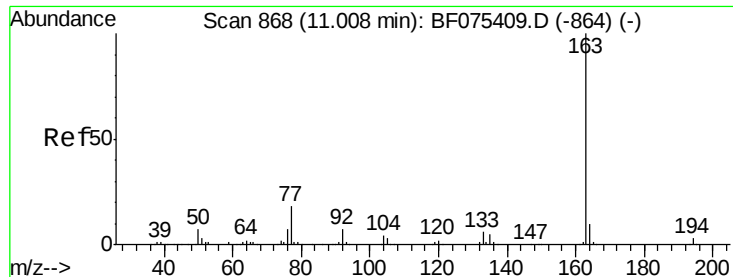
#48
Acenaphthylene
Concen: 48.17 ng
RT: 11.13 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion: 152 Resp: 403961
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 13.5 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

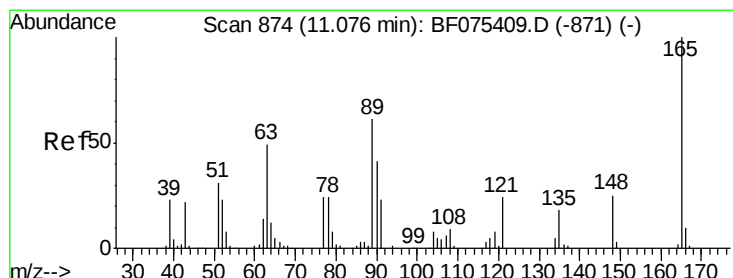
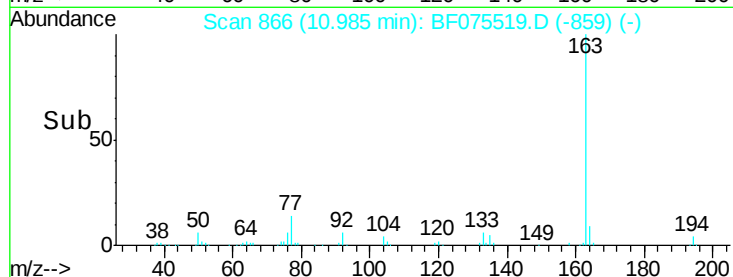
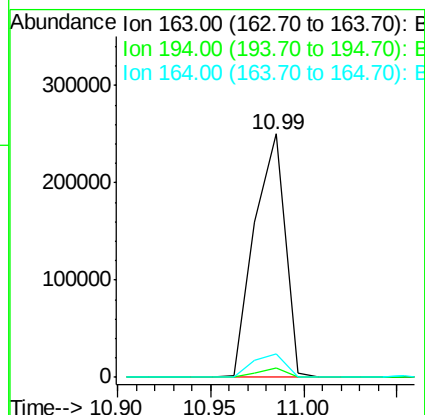
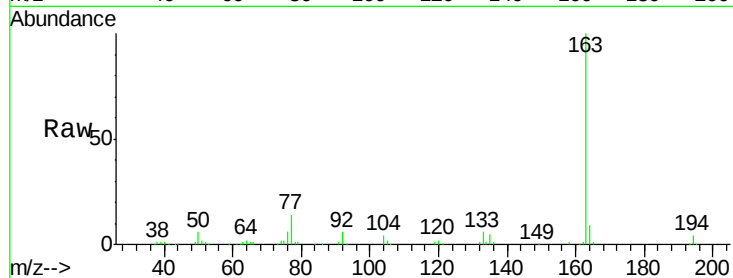




#49
Dimethylphthalate
Concen: 43.33 ng
RT: 10.99 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

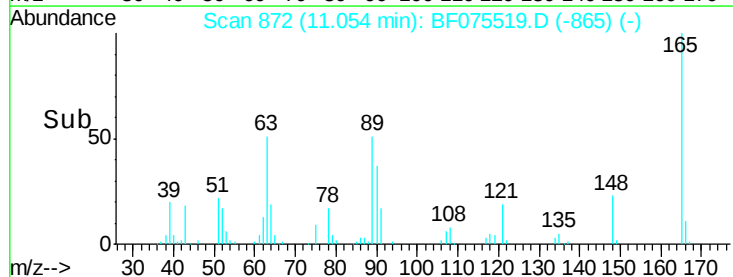
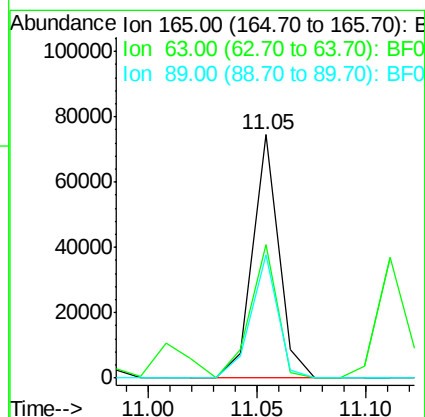
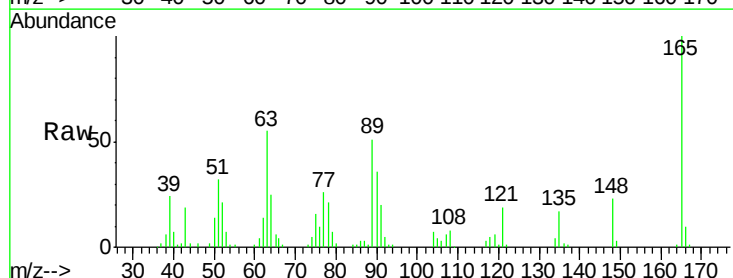
Instrument :
BNA_F
ClientSampleId :
PB80238BS

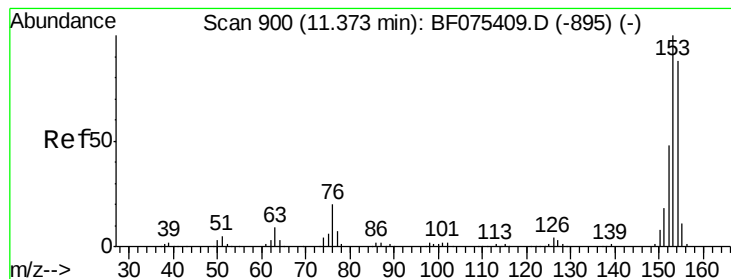
Tgt Ion:163 Resp: 285653
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.4 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 47.96 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion:165 Resp: 62276
Ion Ratio Lower Upper
165 100
63 55.0 61.2 91.8#
89 50.7 52.5 78.7#





#51

Acenaphthene

Concen: 51.75 ng

RT: 11.35 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

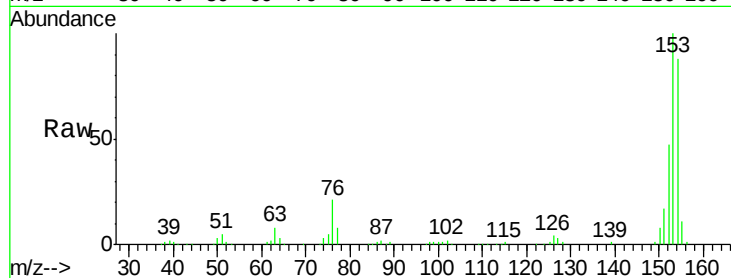
Tgt Ion:154 Resp: 261957

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

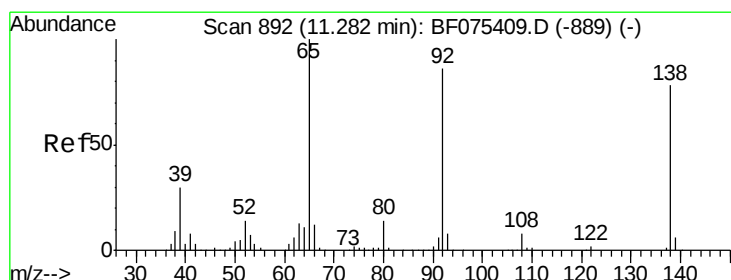
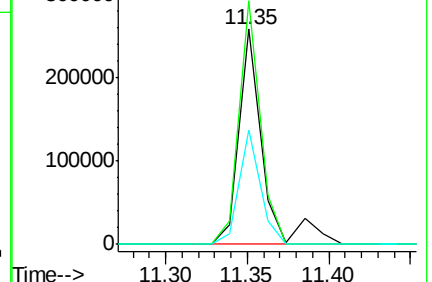
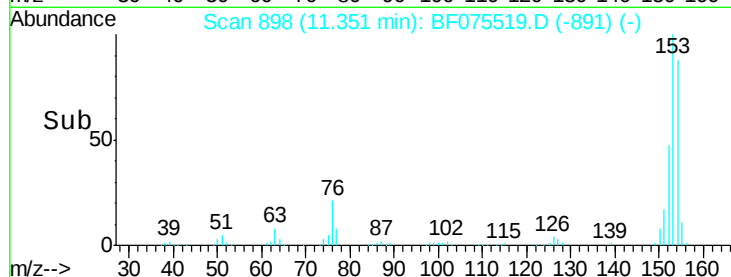
152 53.0 43.4 65.0



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: 35.10 ng

RT: 11.26 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

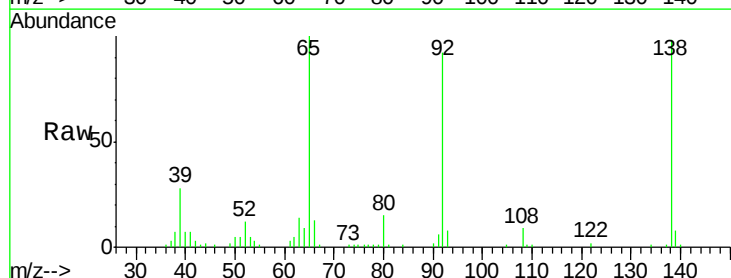
Tgt Ion:138 Resp: 53744

Ion Ratio Lower Upper

138 100

108 9.4 10.2 15.2#

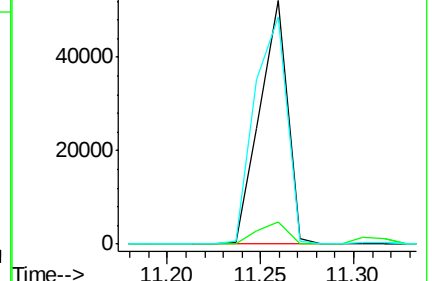
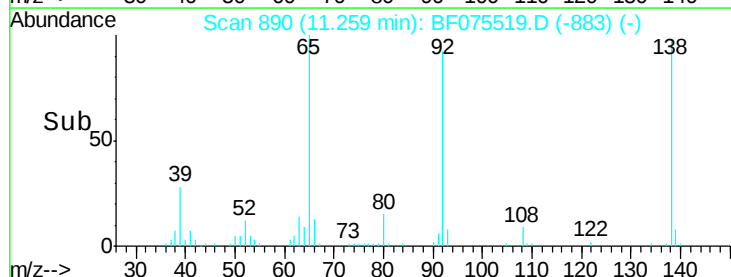
92 93.2 91.0 136.6

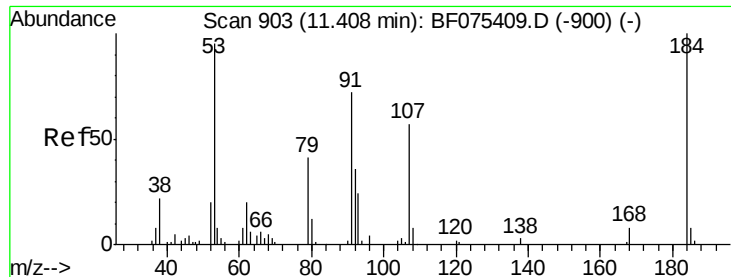


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

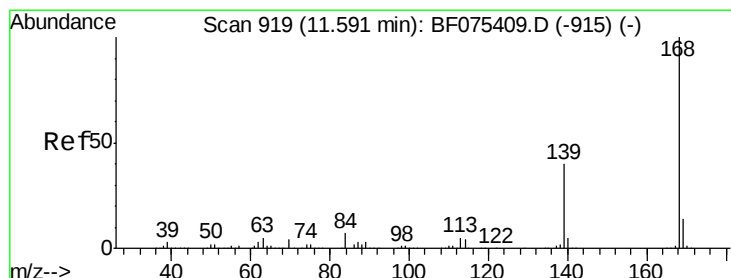
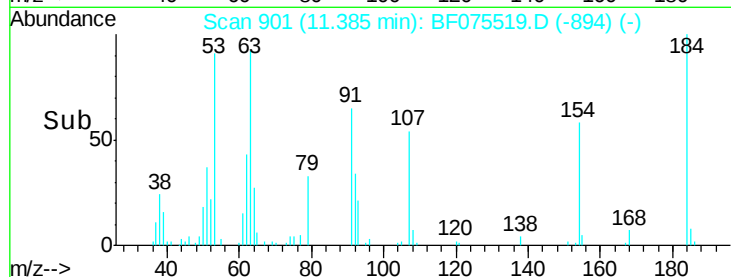
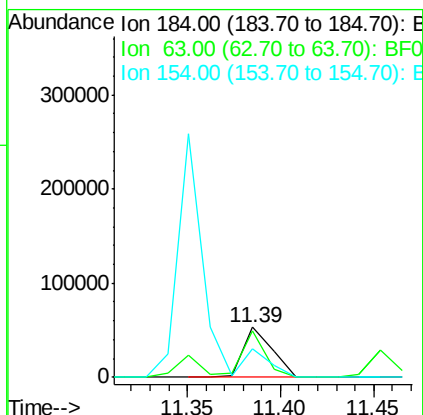
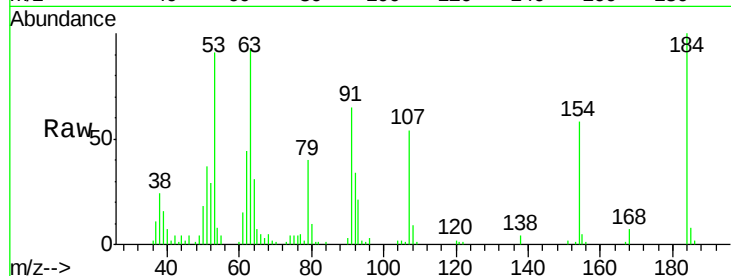




#53
2,4-Dinitrophenol
Concen: 79.17 ng
RT: 11.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

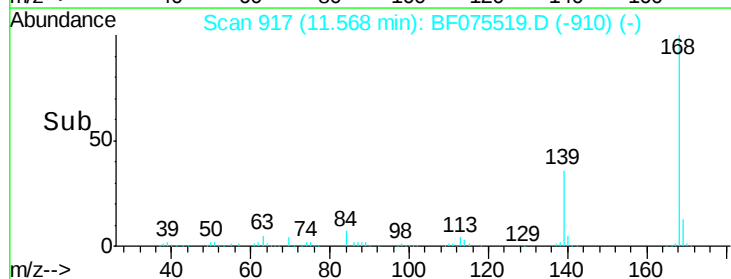
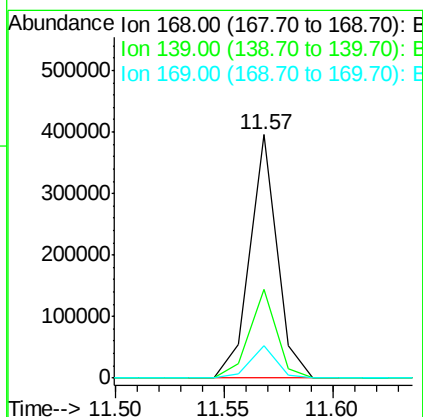
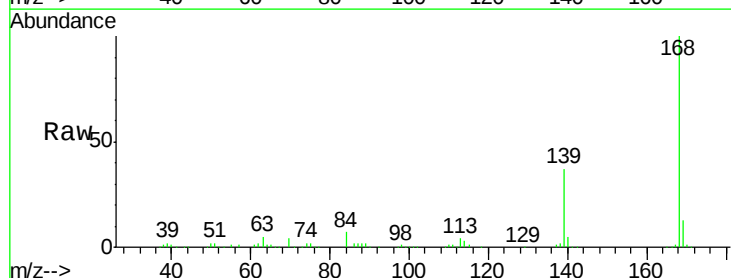
Instrument :
BNA_F
ClientSampleId :
PB80238BS

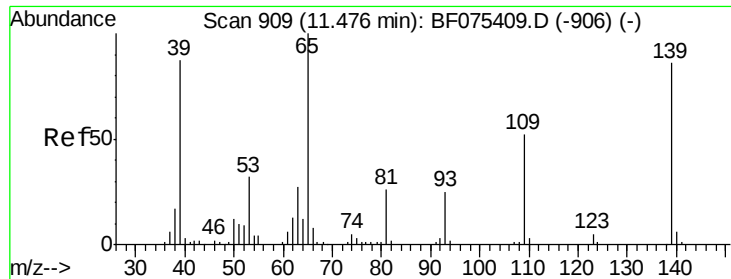
Tgt Ion:184 Resp: 57337
Ion Ratio Lower Upper
184 100
63 92.4 96.3 144.5#
154 57.6 56.2 84.4



#54
Dibenzofuran
Concen: 47.64 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion:168 Resp: 344601
Ion Ratio Lower Upper
168 100
139 36.5 33.0 49.4
169 13.2 10.8 16.2

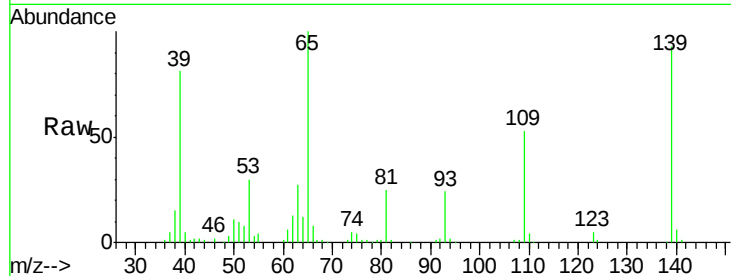




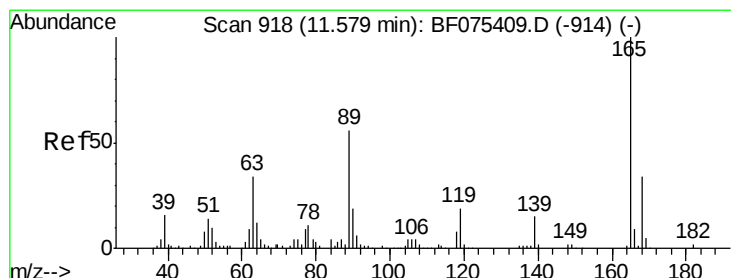
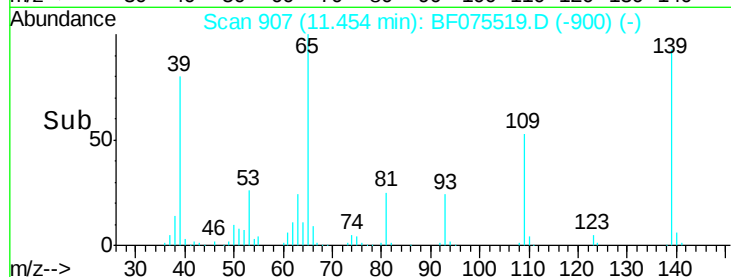
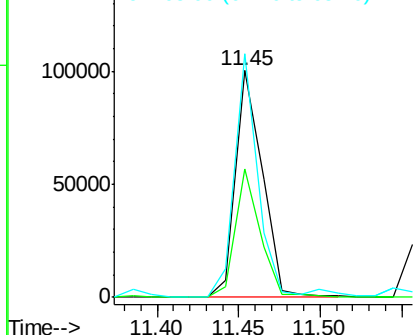
#55
4-Nitrophenol
Concen: 93.01 ng
RT: 11.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tgt Ion:139 Resp: 113832
Ion Ratio Lower Upper
139 100
109 56.9 45.8 85.8
65 107.4 94.8 134.8

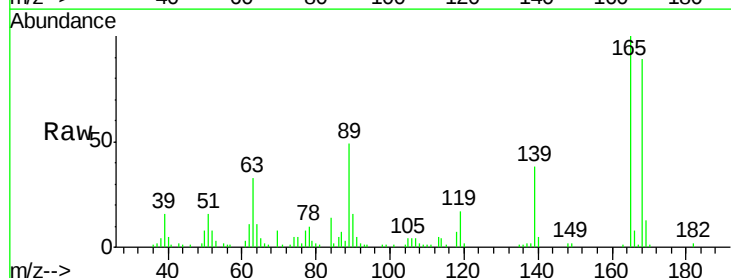


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

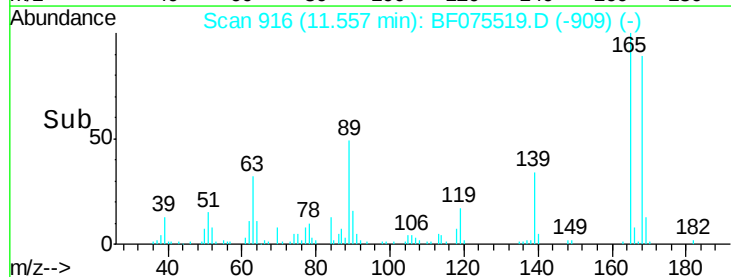
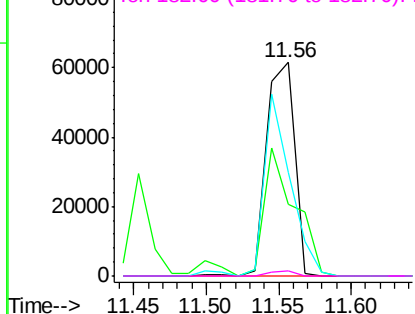


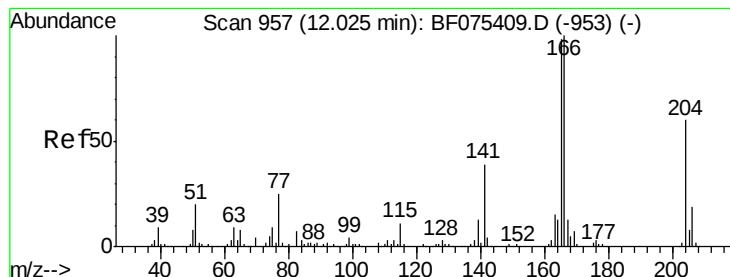
#56
2,4-Dinitrotoluene
Concen: 48.36 ng
RT: 11.56 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion:165 Resp: 82487
Ion Ratio Lower Upper
165 100
63 33.3 27.0 40.6
89 48.7 47.8 71.6
182 2.3 1.7 2.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.53 ng

RT: 11.99 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

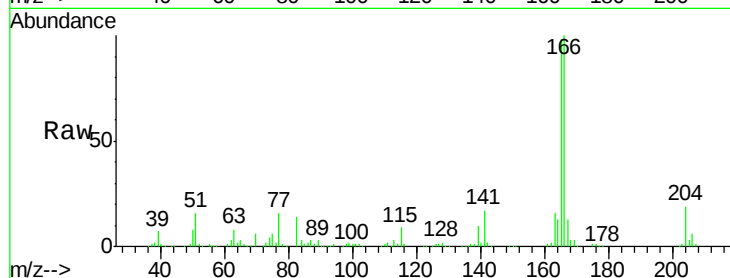
Tgt Ion:166 Resp: 278073

Ion Ratio Lower Upper

166 100

165 97.7 78.8 118.2

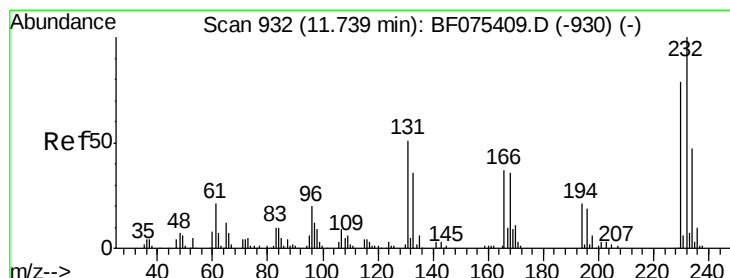
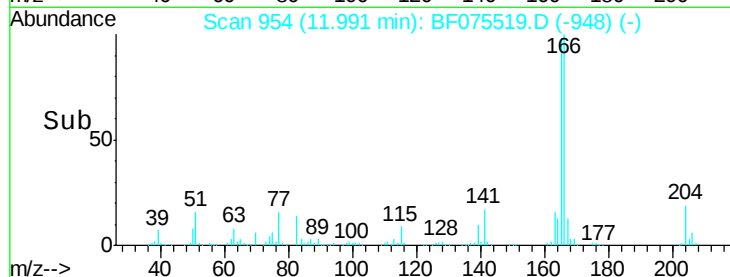
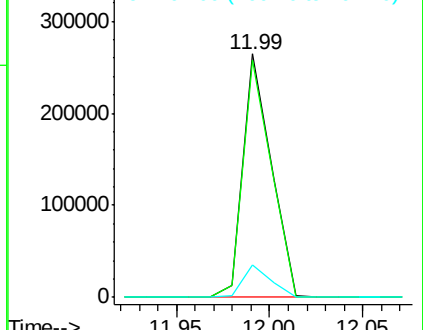
167 13.3 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.25 ng

RT: 11.72 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Tgt Ion:232 Resp: 60264

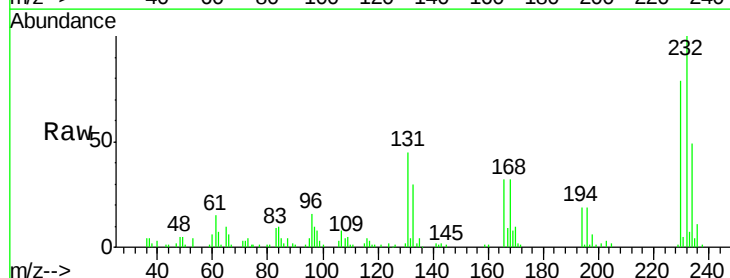
Ion Ratio Lower Upper

232 100

131 52.2 44.6 67.0

130 2.2 2.5 3.7#

166 34.1 29.3 43.9

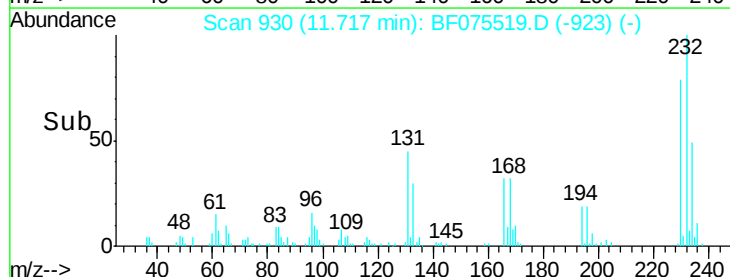
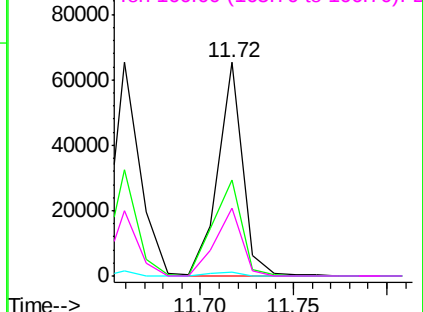


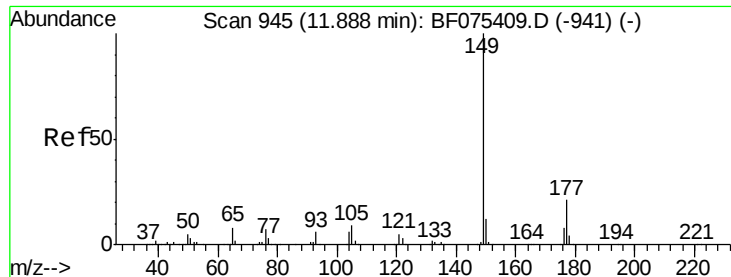
Abundance Ion 232.00 (231.70 to 232.70): E

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

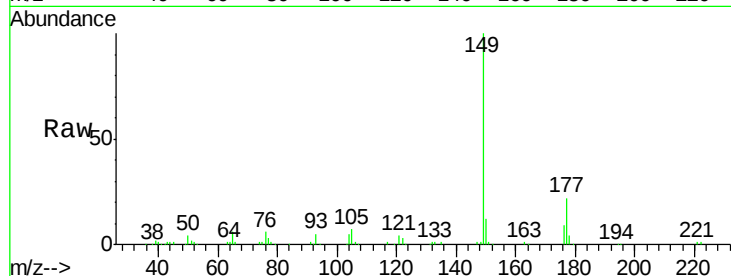




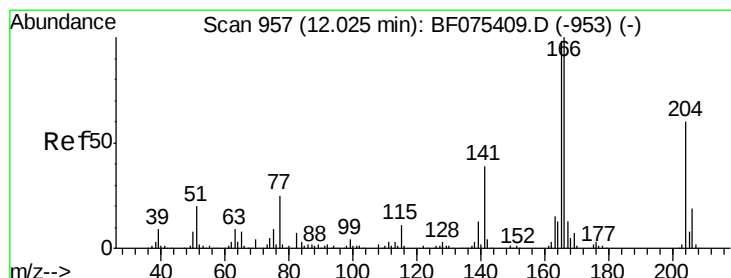
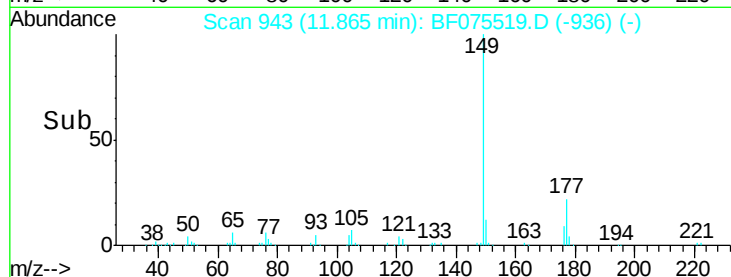
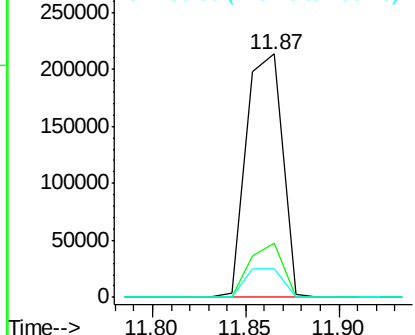
#59
Diethylphthalate
Concen: 41.81 ng
RT: 11.87 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tgt Ion:149 Resp: 286027
Ion Ratio Lower Upper
149 100
177 22.4 15.8 23.8
150 11.6 9.9 14.9

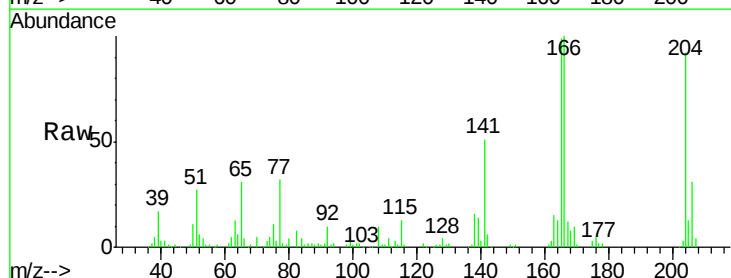


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

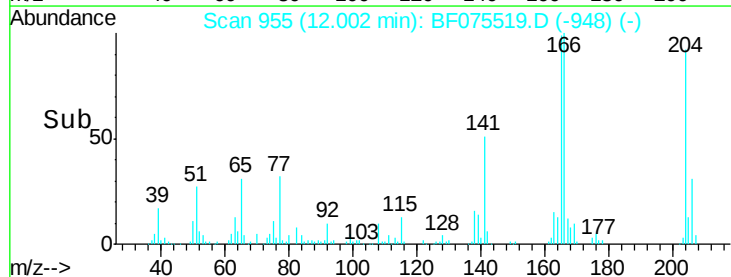
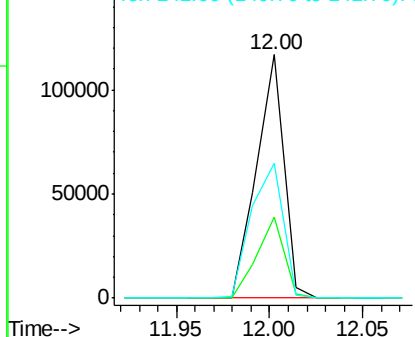


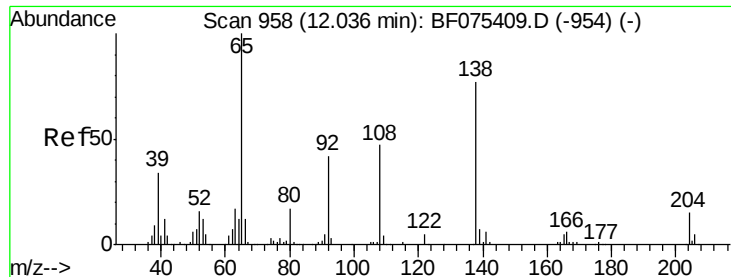
#60
4-Chlorophenyl-phenylether
Concen: 47.12 ng
RT: 12.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion:204 Resp: 118530
Ion Ratio Lower Upper
204 100
206 33.0 25.1 37.7
141 55.4 58.6 87.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

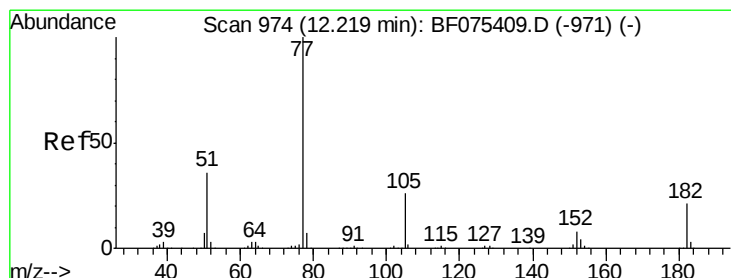
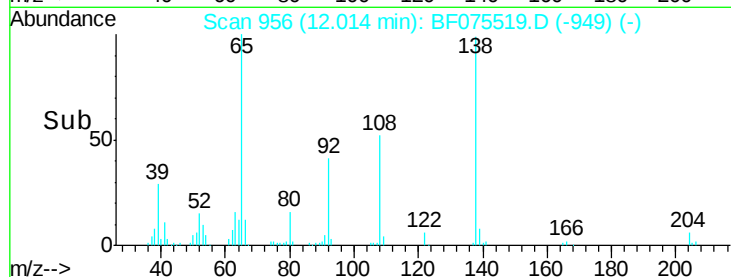
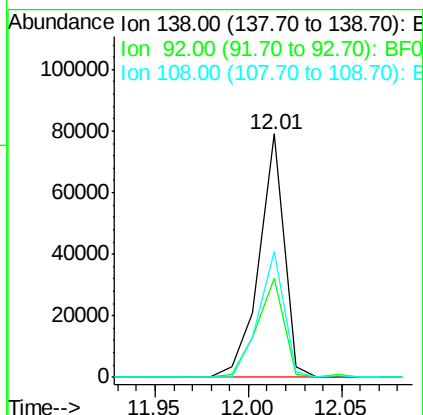
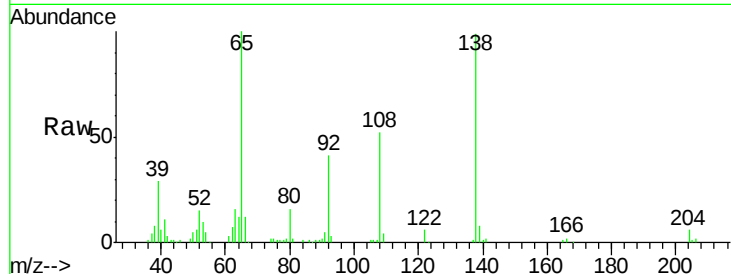




#61
4-Nitroaniline
Concen: 47.99 ng
RT: 12.01 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

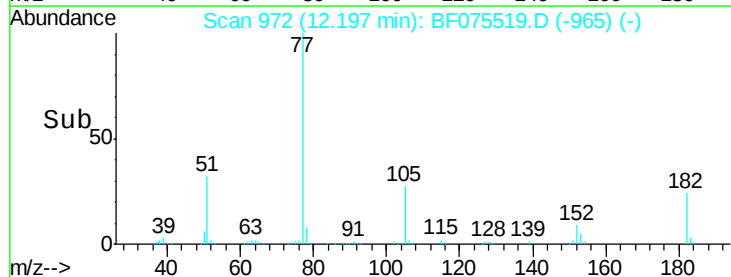
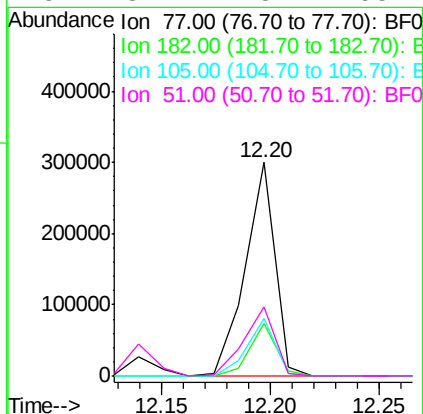
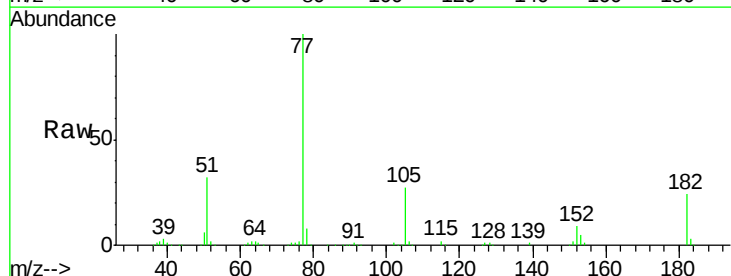
Instrument :
BNA_F
ClientSampleId :
PB80238BS

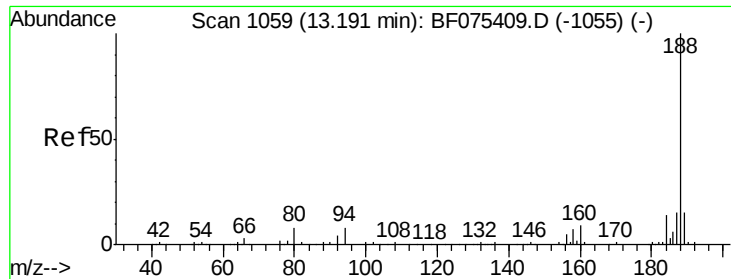
Tgt Ion:138 Resp: 73442
Ion Ratio Lower Upper
138 100
92 40.7 34.8 74.8
108 51.8 50.6 90.6



#62
Azobenzene
Concen: 47.24 ng
RT: 12.20 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion: 77 Resp: 284277
Ion Ratio Lower Upper
77 100
182 24.4 0.0 37.1
105 26.8 3.7 43.7
51 32.2 18.7 58.7

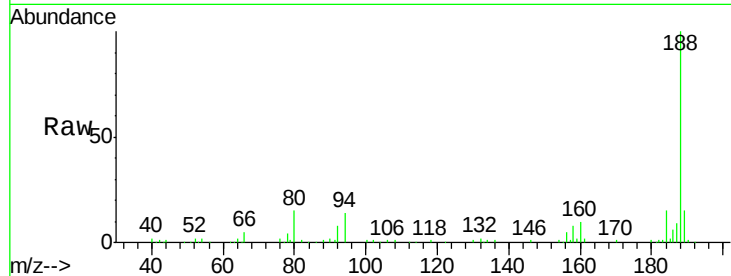




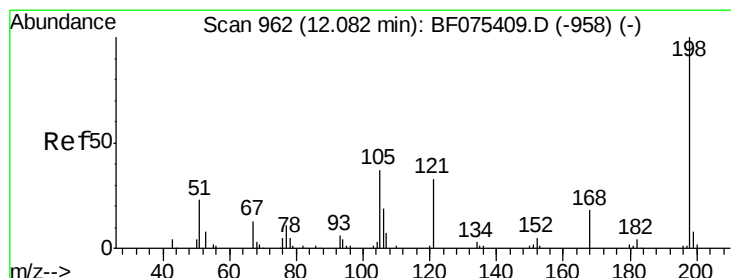
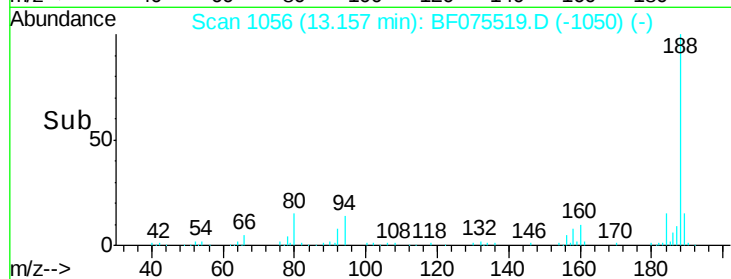
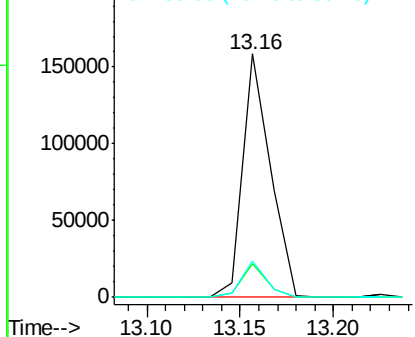
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.16 min Scan# 1056
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tgt Ion:188 Resp: 163596
 Ion Ratio Lower Upper
 188 100
 94 13.8 7.8 11.6#
 80 14.9 8.0 12.0#

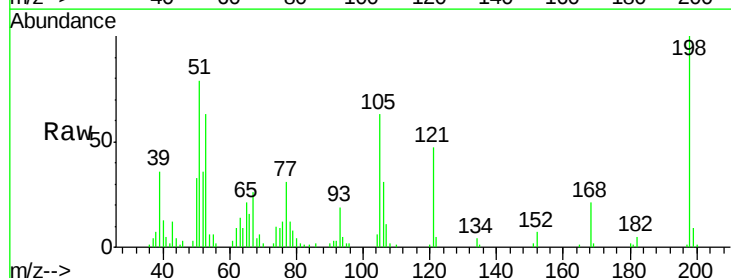


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

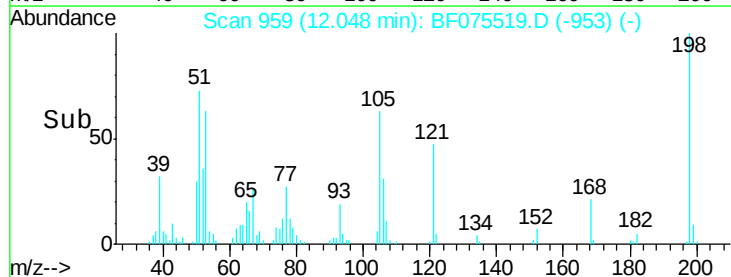
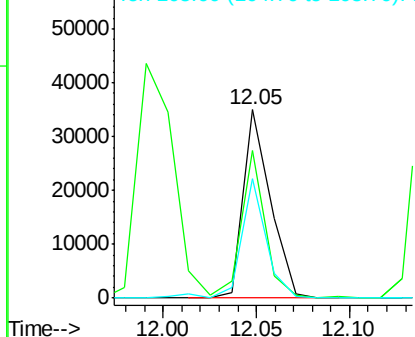


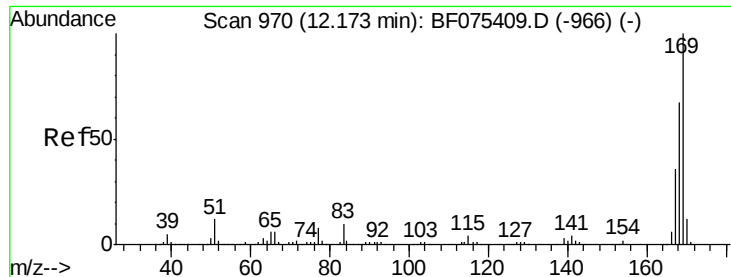
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.70 ng
 RT: 12.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion:198 Resp: 35335
 Ion Ratio Lower Upper
 198 100
 51 78.5 26.0 66.0#
 105 63.4 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

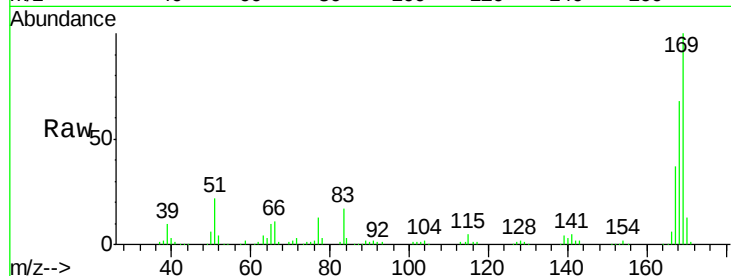




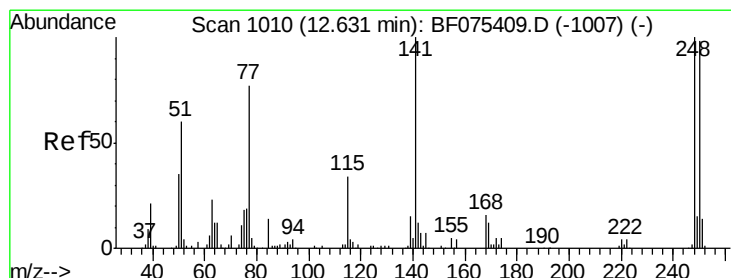
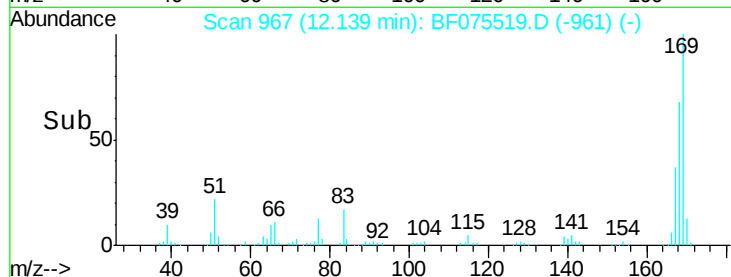
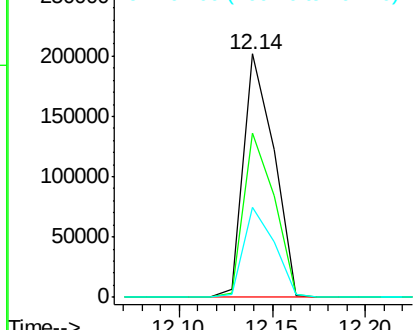
#65
n-Nitrosodiphenylamine
Concen: 43.95 ng
RT: 12.14 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tgt Ion:169 Resp: 227447
Ion Ratio Lower Upper
169 100
168 67.6 53.5 80.3
167 36.9 29.8 44.6

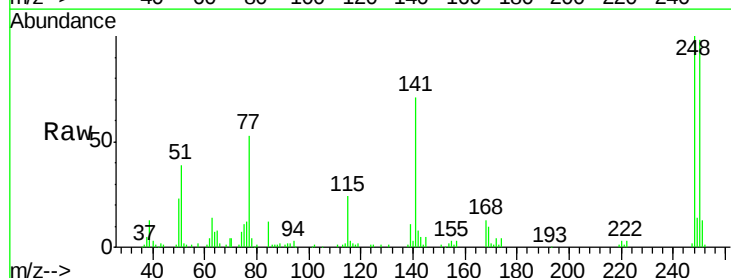


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

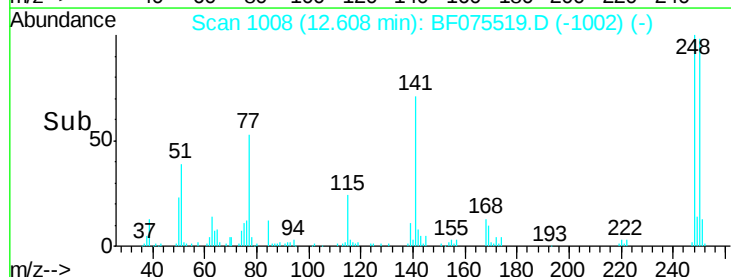
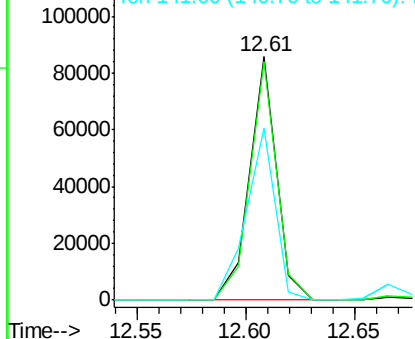


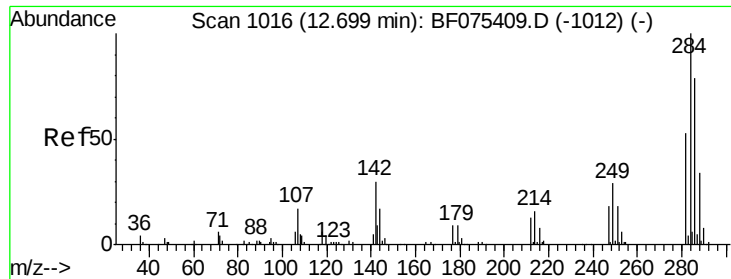
#66
4-Bromophenyl-phenylether
Concen: 47.86 ng
RT: 12.61 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion:248 Resp: 73669
Ion Ratio Lower Upper
248 100
250 97.8 76.3 114.5
141 70.9 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

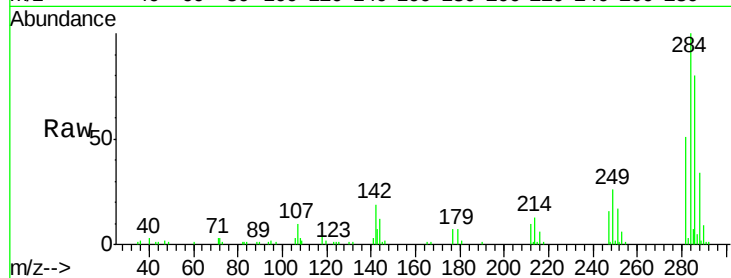




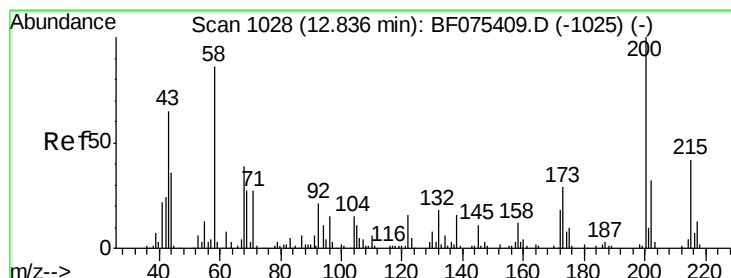
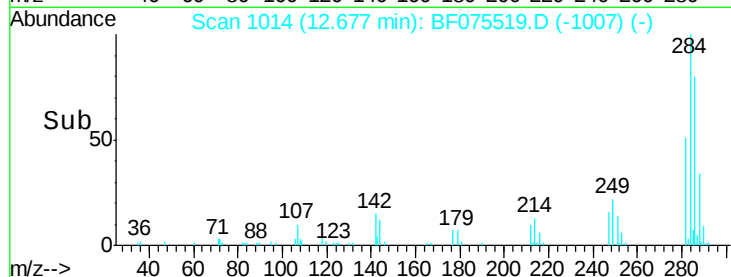
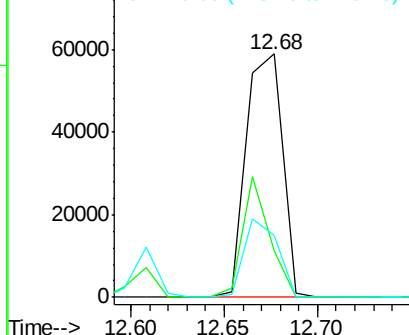
#67
Hexachlorobenzene
Concen: 45.52 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Tgt Ion: 284 Resp: 79564
Ion Ratio Lower Upper
284 100
142 19.1 28.7 43.1#
249 25.6 24.1 36.1

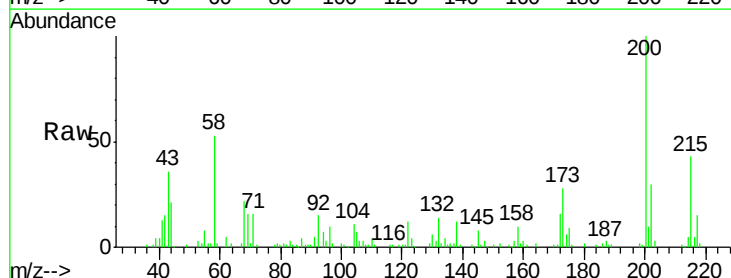


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

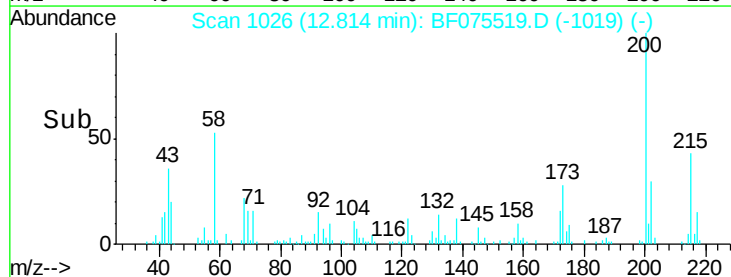
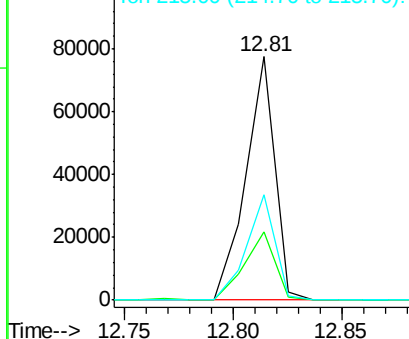


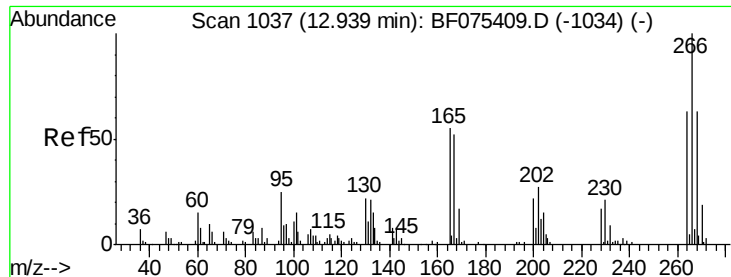
#68
Atrazine
Concen: 44.50 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion: 200 Resp: 71465
Ion Ratio Lower Upper
200 100
173 27.8 12.3 52.3
215 43.3 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

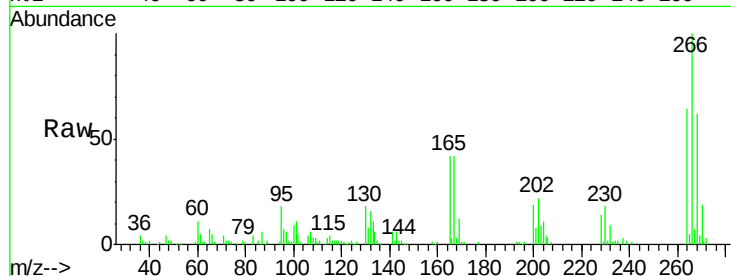




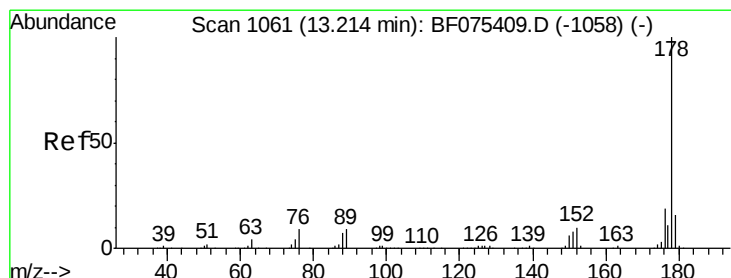
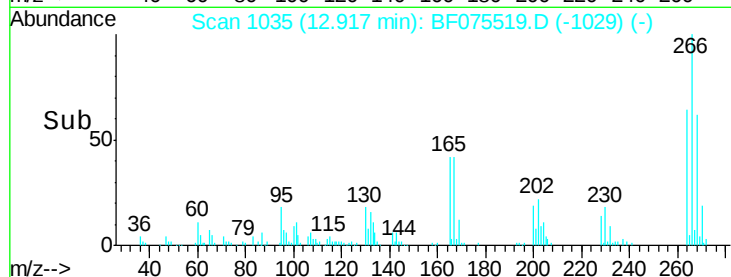
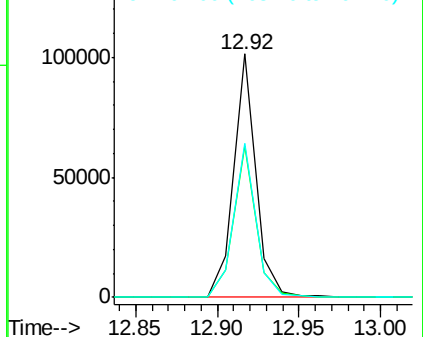
#69
 Pentachlorophenol
 Concen: 86.87 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampled :
 PB80238BS

Tgt Ion: 266 Resp: 95293
 Ion Ratio Lower Upper
 266 100
 268 62.0 48.6 73.0
 264 63.5 52.1 78.1

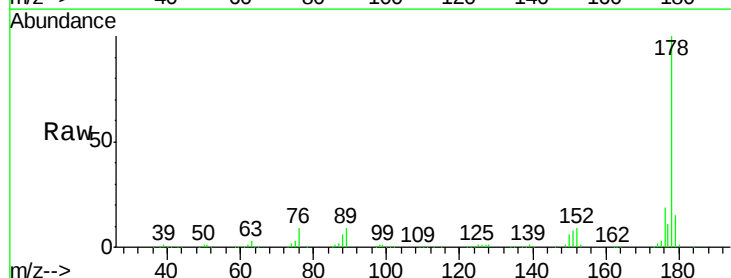


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

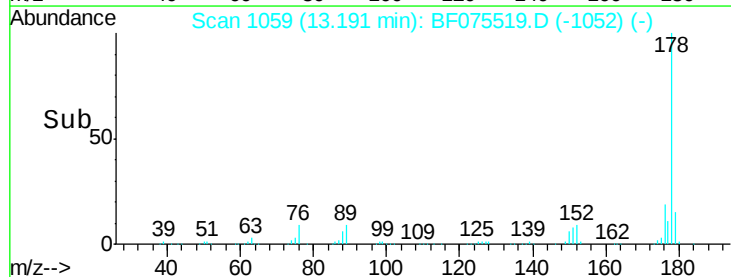
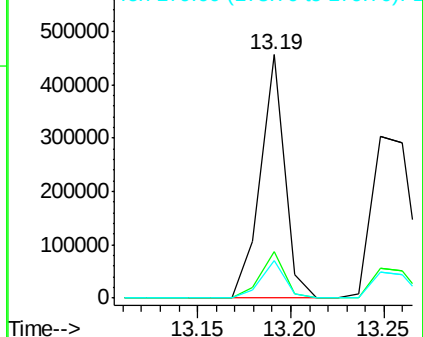


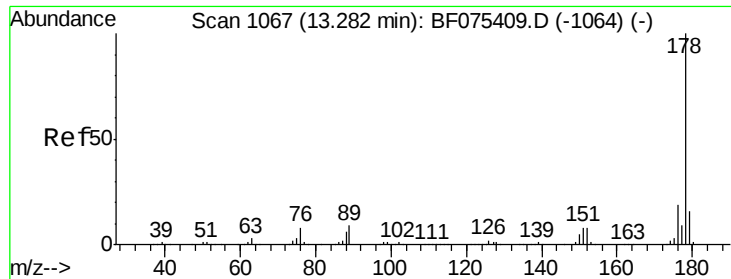
#70
 Phenanthrene
 Concen: 48.44 ng
 RT: 13.19 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion: 178 Resp: 417077
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.3 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

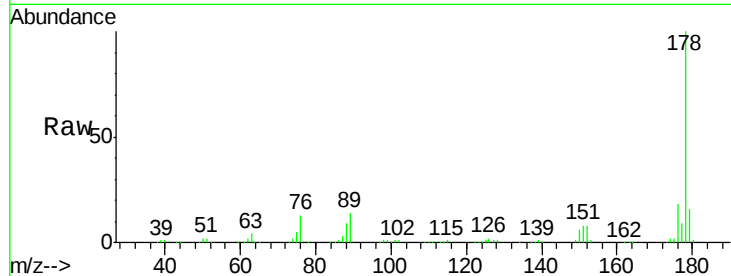




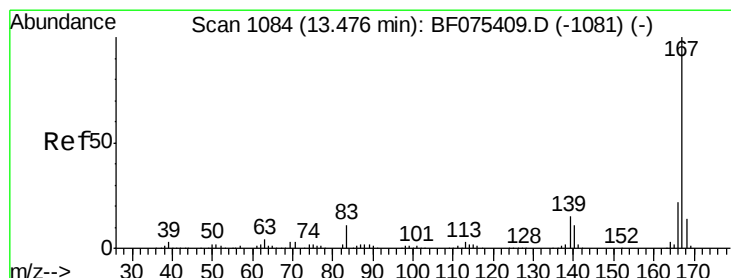
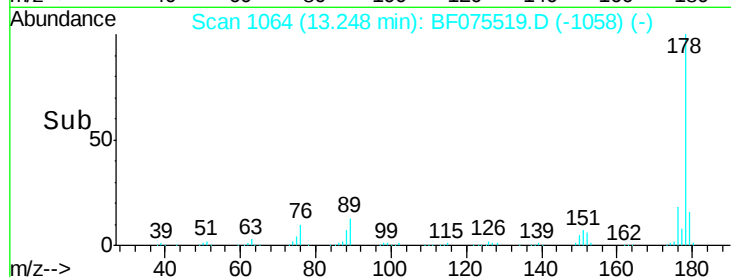
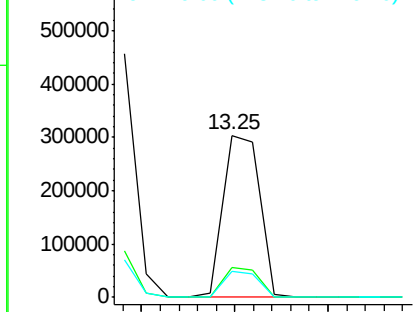
#71
 Anthracene
 Concen: 47.04 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

Tgt Ion:178 Resp: 418665
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.1 22.7
 179 16.0 12.2 18.2

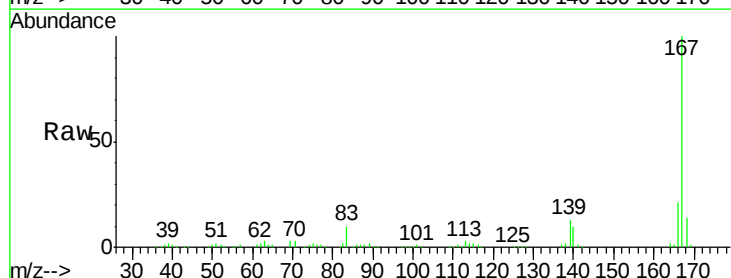


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

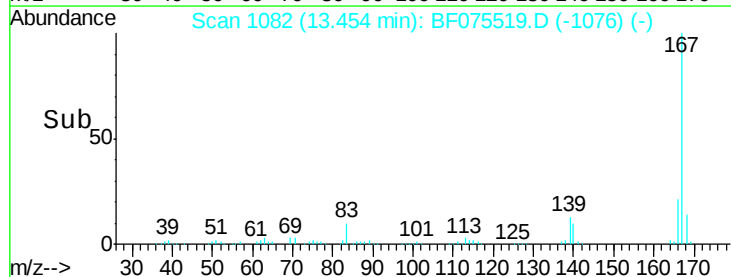
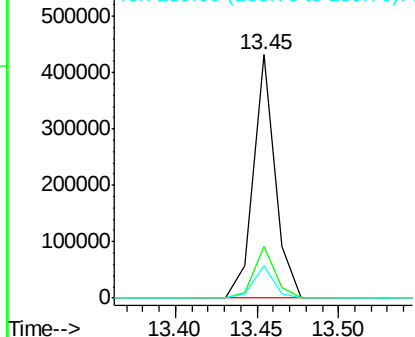


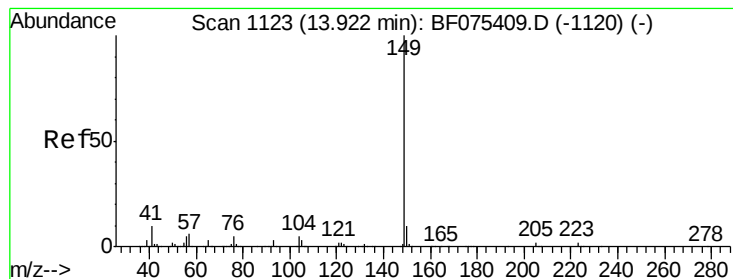
#72
 Carbazole
 Concen: 45.89 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion:167 Resp: 399600
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.2 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: 40.69 ng

RT: 13.90 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

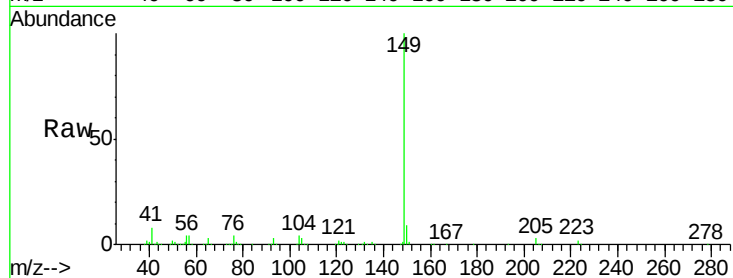
Tgt Ion:149 Resp: 489471

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

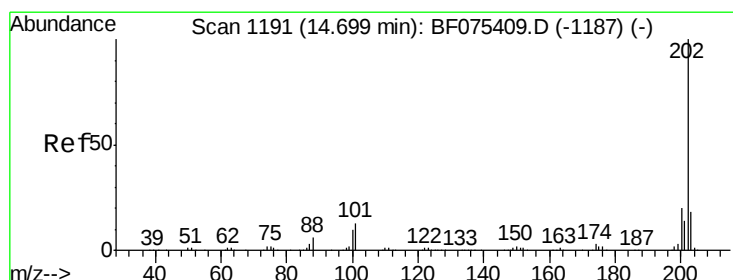
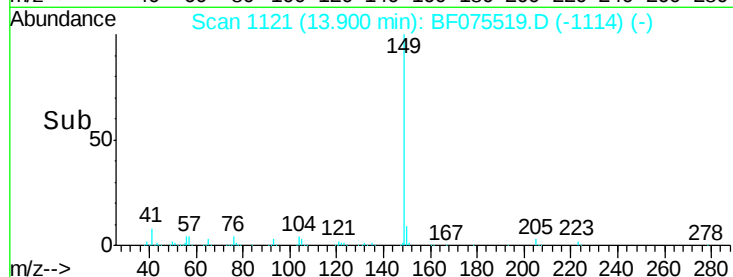
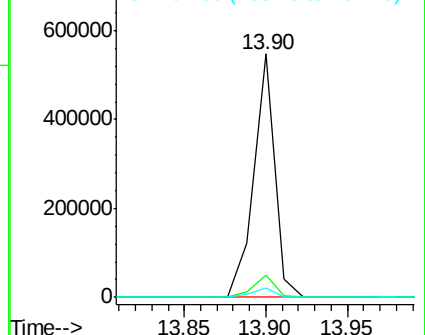
104 4.0 3.1 4.7



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: 47.89 ng

RT: 14.67 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

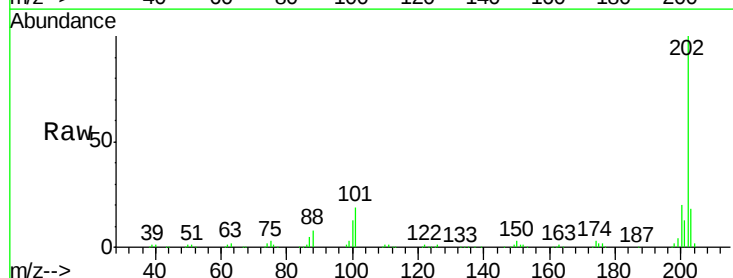
Tgt Ion:202 Resp: 441604

Ion Ratio Lower Upper

202 100

101 18.7 0.0 36.6

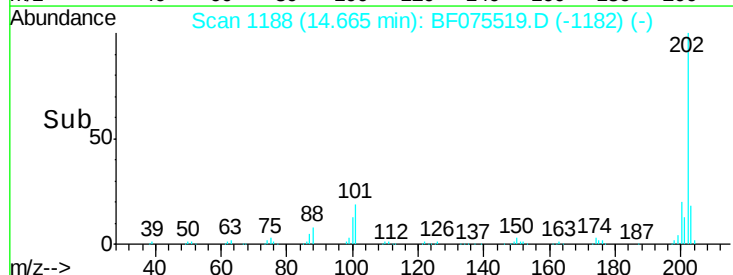
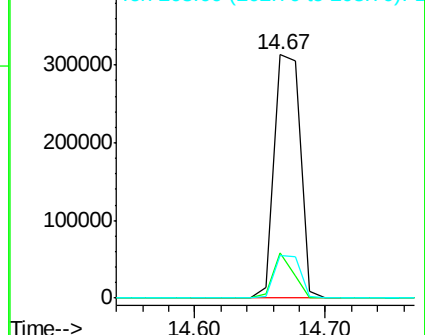
203 17.6 0.0 38.2

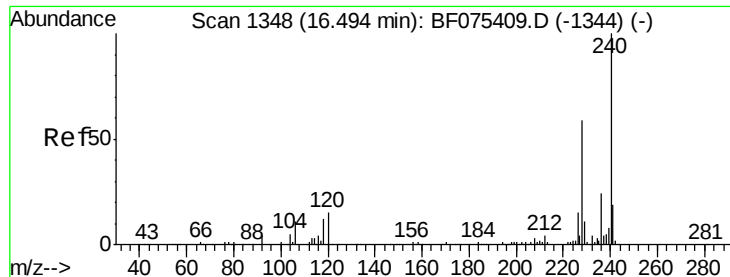


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

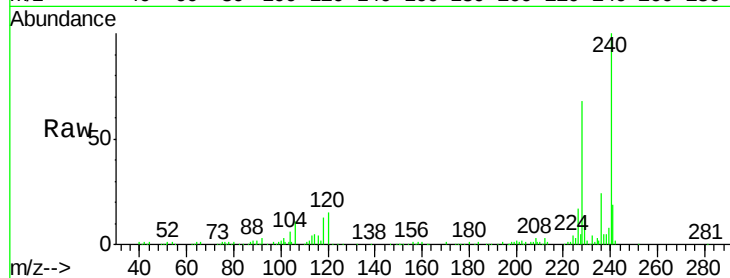
Tgt Ion:240 Resp: 178143

Ion Ratio Lower Upper

240 100

120 15.1 9.6 14.4#

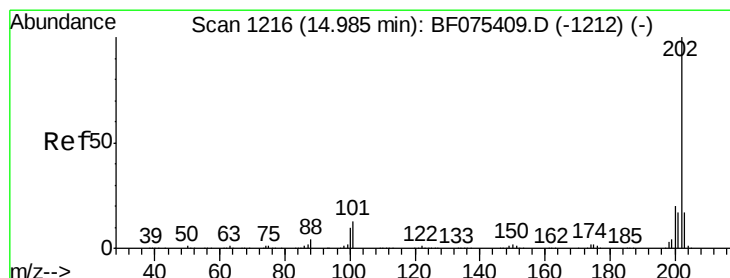
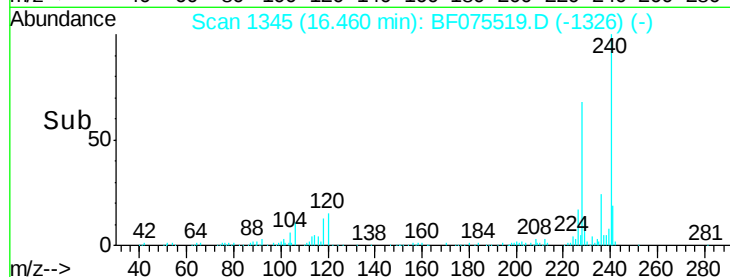
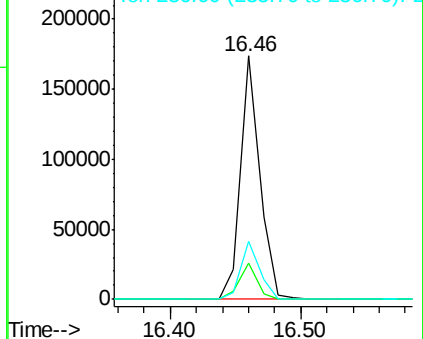
236 23.7 18.9 28.3



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: 43.32 ng

RT: 14.95 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

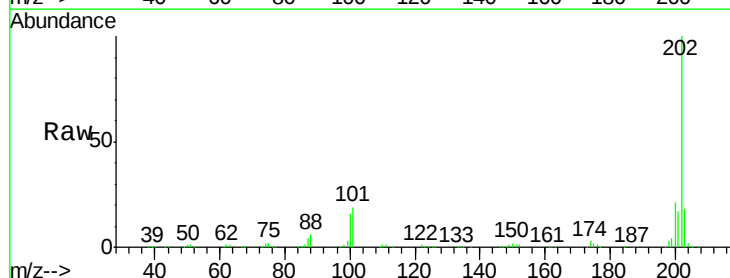
Tgt Ion:202 Resp: 448637

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

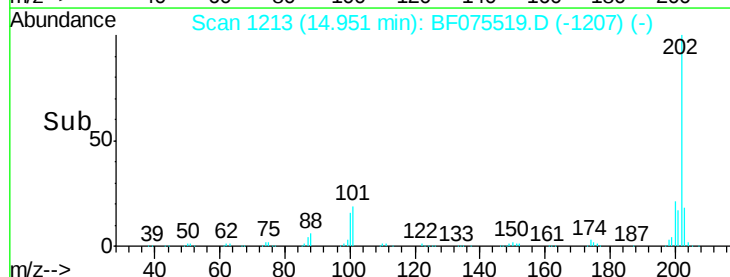
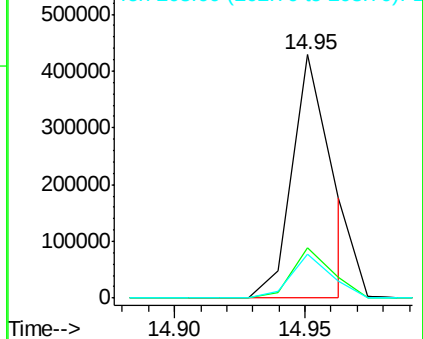
203 18.0 14.3 21.5

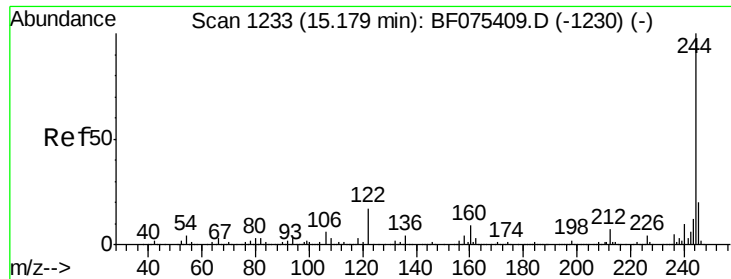


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

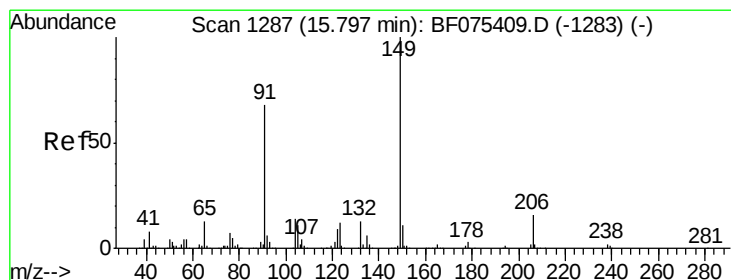
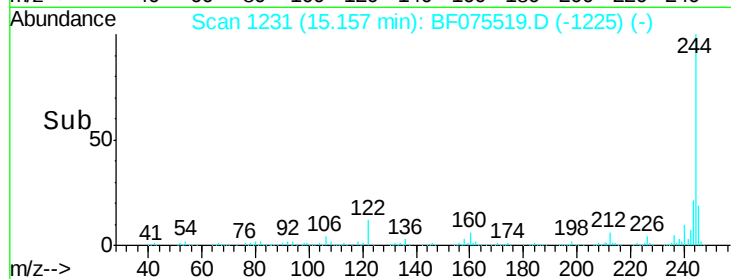
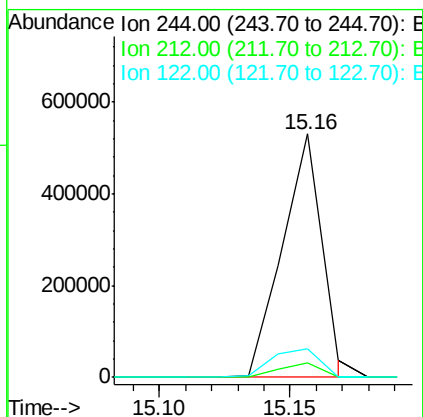
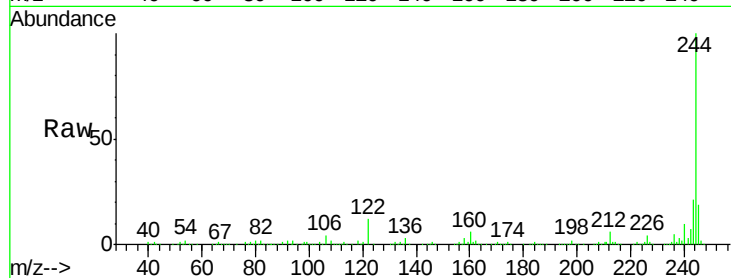




#78
 Terphenyl-d14
 Concen: 84.57 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

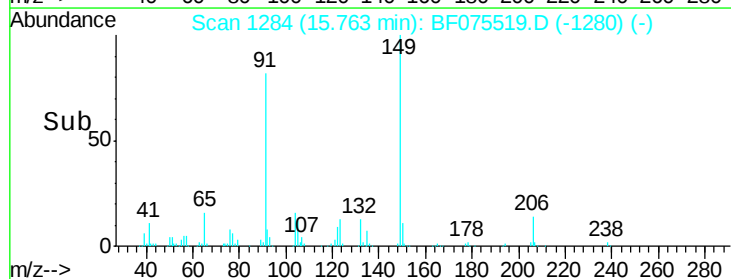
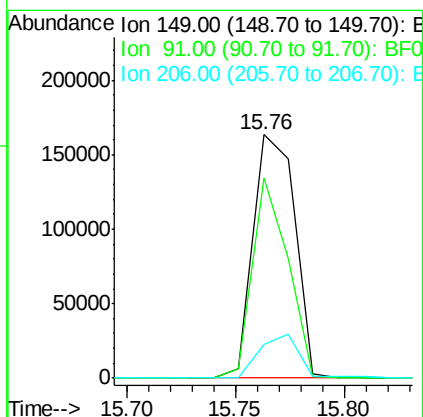
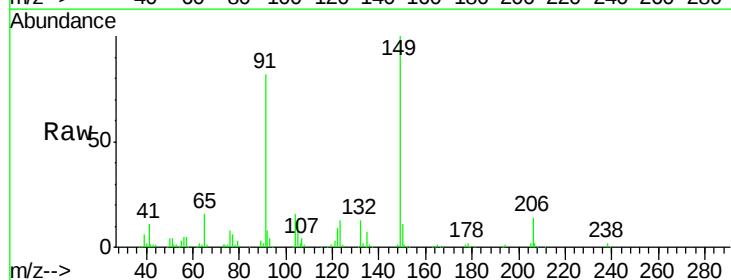
Instrument :
 BNA_F
 ClientSampleId :
 PB80238BS

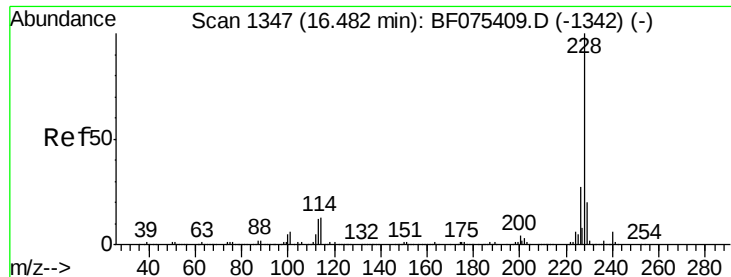
Tgt Ion: 244 Resp: 559596
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.5 8.3
 122 11.9 9.7 14.5



#79
 Butylbenzylphthalate
 Concen: 37.71 ng
 RT: 15.76 min Scan# 1284
 Delta R.T. -0.06 min
 Lab File: BF075519.D
 Acq: 15 Nov 2014 3:09

Tgt Ion: 149 Resp: 219325
 Ion Ratio Lower Upper
 149 100
 91 82.2 49.0 73.4#
 206 14.1 15.5 23.3#





#80

Benzo(a)anthracene

Concen: 45.14 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.08 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

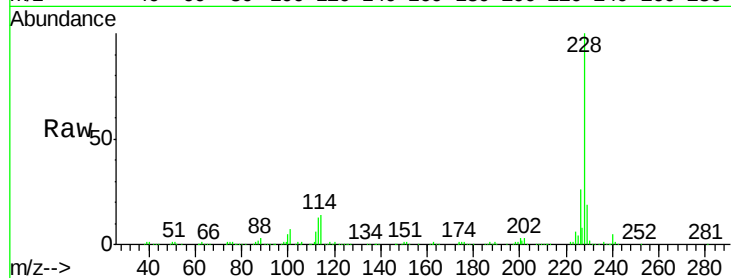
Tgt Ion:228 Resp: 422493

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

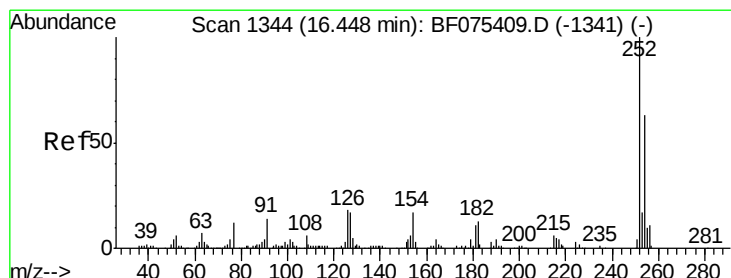
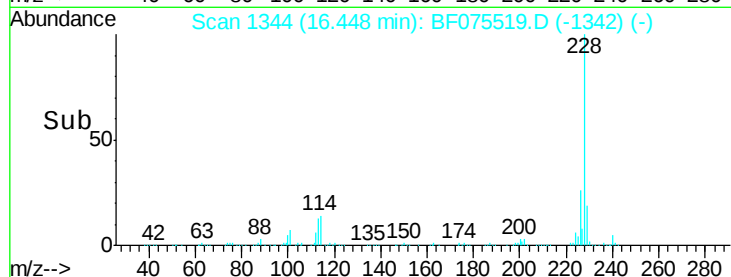
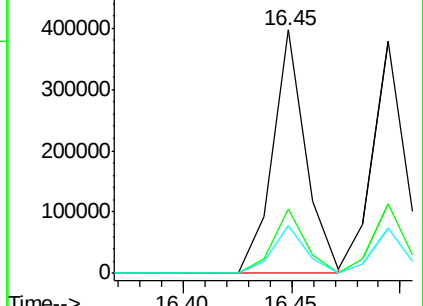
229 19.4 15.3 22.9



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: 22.51 ng

RT: 16.41 min Scan# 1341

Delta R.T. -0.09 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

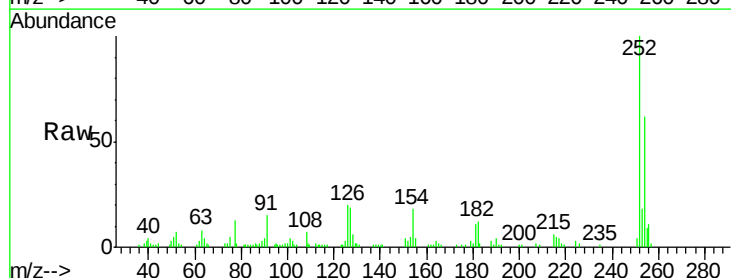
Tgt Ion:252 Resp: 77767

Ion Ratio Lower Upper

252 100

254 61.6 50.0 75.0

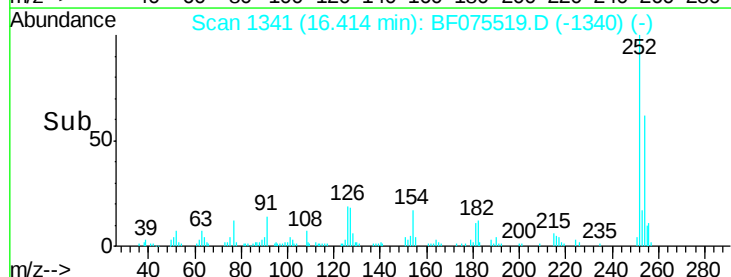
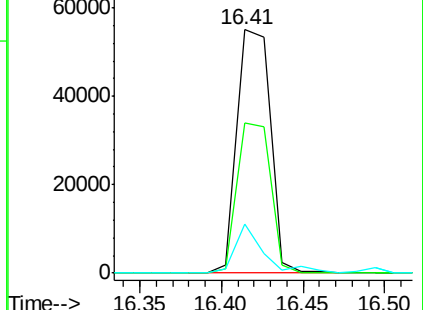
126 20.1 16.0 24.0

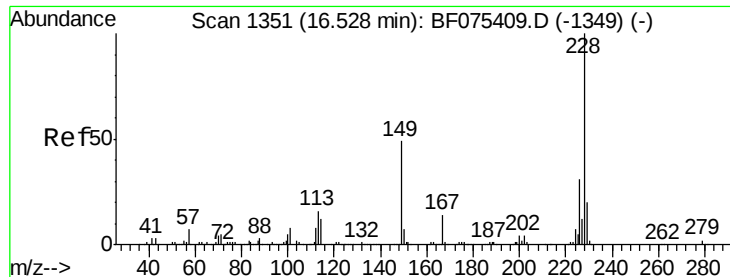


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 47.65 ng

RT: 16.49 min Scan# 1348

Delta R.T. -0.08 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

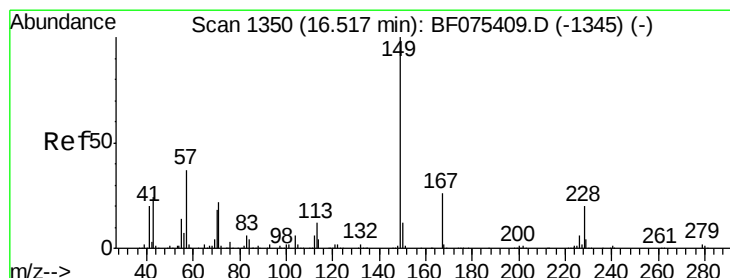
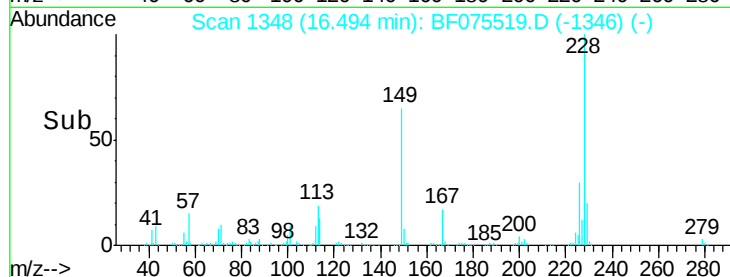
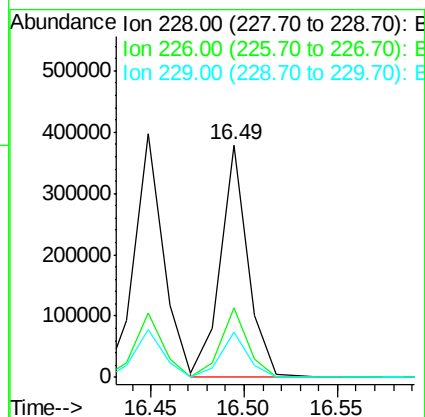
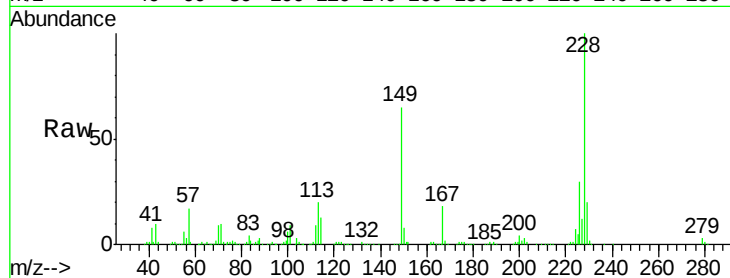
Tgt Ion: 228 Resp: 385711

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

229 19.7 15.8 23.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 35.83 ng

RT: 16.49 min Scan# 1348

Delta R.T. -0.08 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

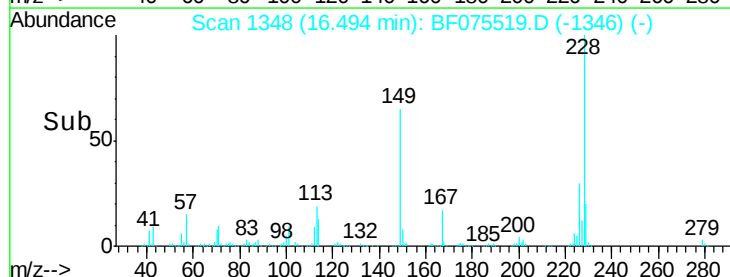
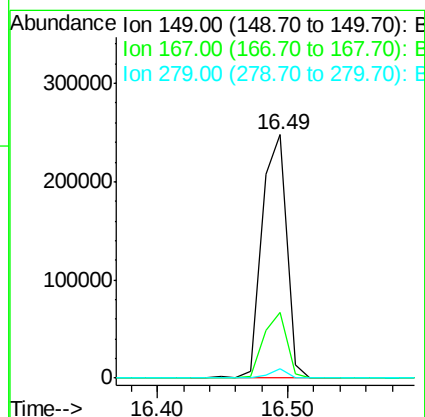
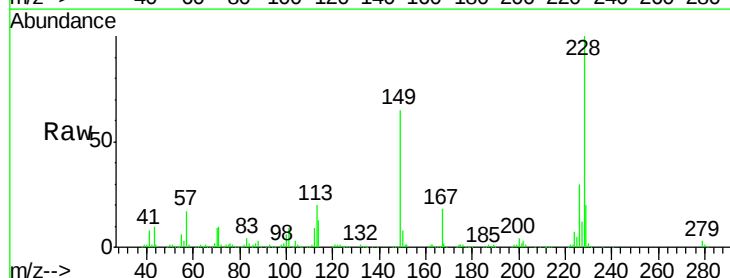
Tgt Ion: 149 Resp: 328277

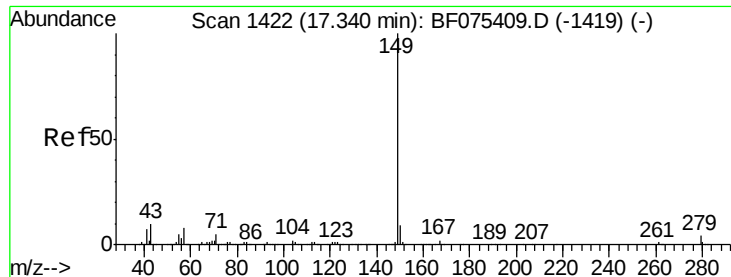
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.2

279 3.9 2.8 4.2





#84

Di-n-octyl phthalate

Concen: 30.06 ng

RT: 17.29 min Scan# 1418

Delta R.T. -0.15 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

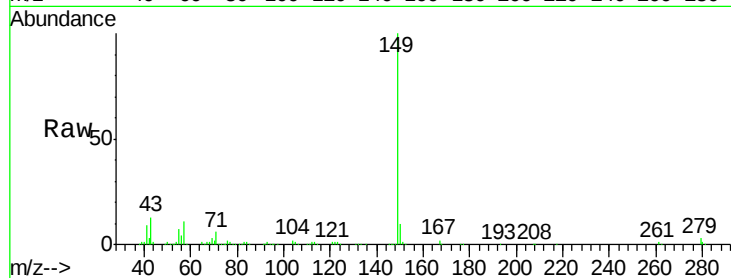
Tgt Ion:149 Resp: 484854

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

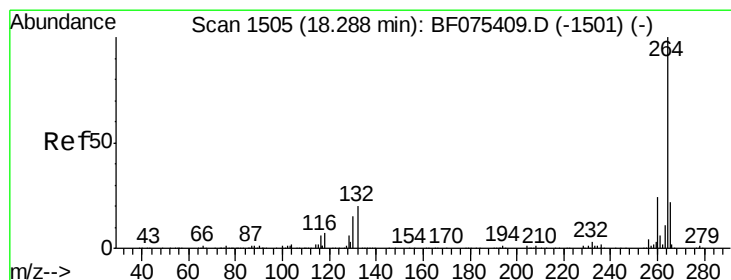
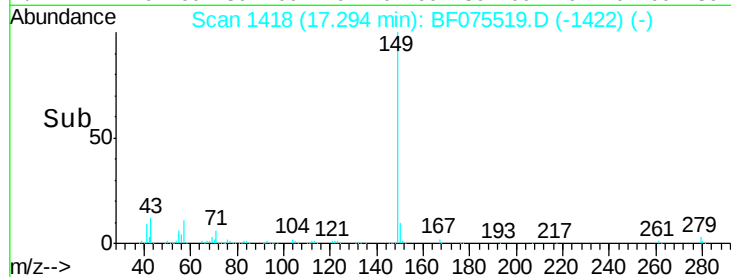
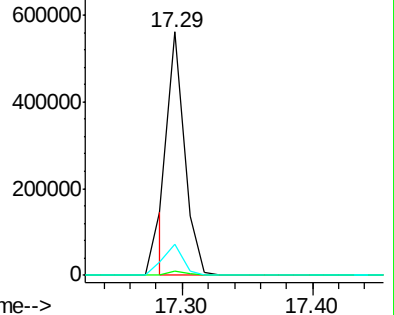
43 11.3 11.0 16.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.23 min Scan# 1500

Delta R.T. -0.21 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

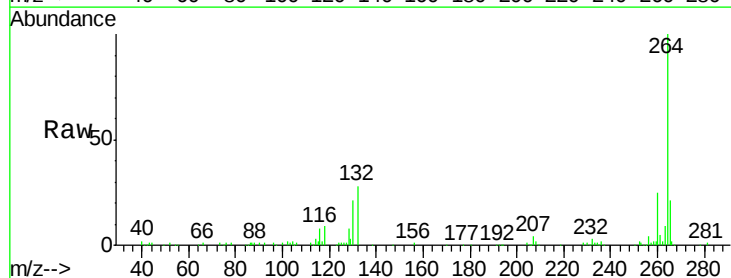
Tgt Ion:264 Resp: 174580

Ion Ratio Lower Upper

264 100

260 24.5 17.9 26.9

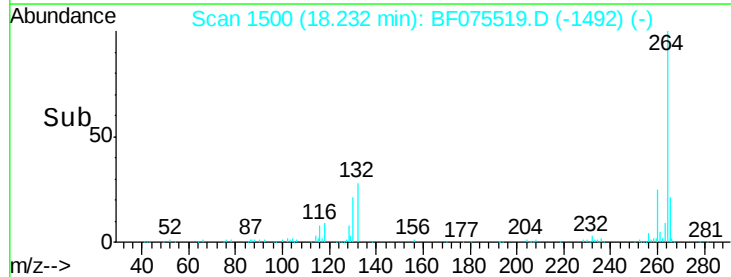
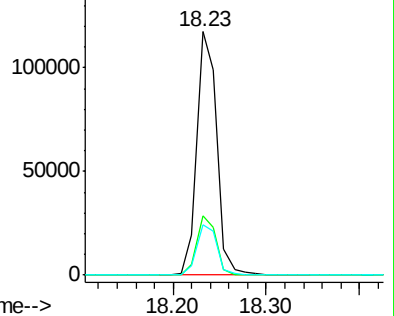
265 20.7 16.3 24.5

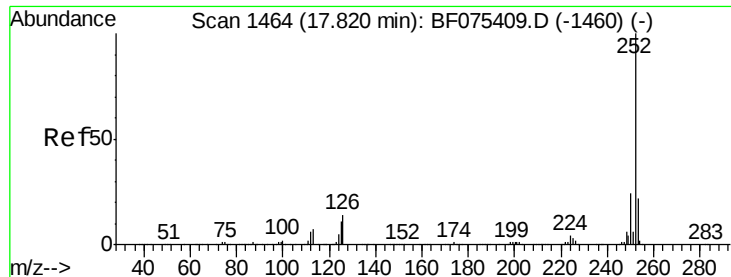


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.54 ng

RT: 17.77 min Scan# 1460

Delta R.T. -0.17 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

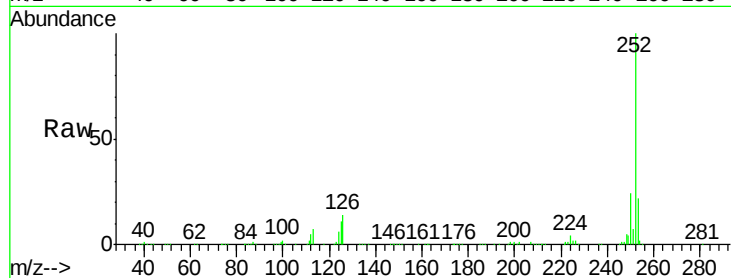
Tgt Ion:252 Resp: 434421

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

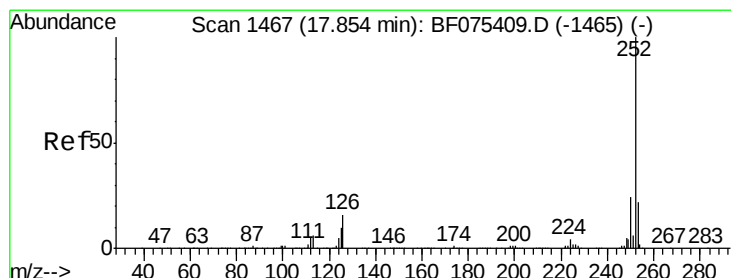
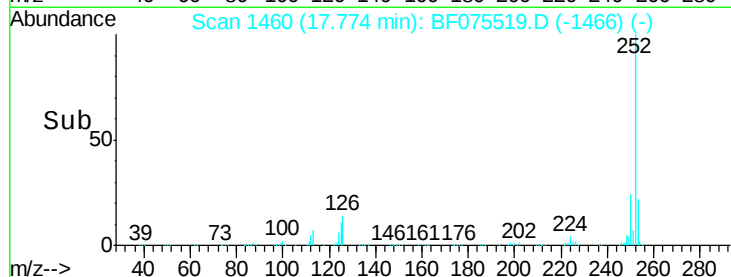
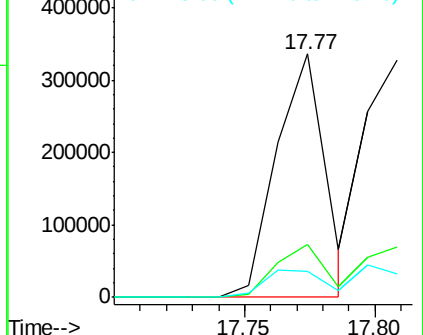
125 10.8 11.8 17.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.86 ng

RT: 17.77 min Scan# 1460

Delta R.T. -0.21 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

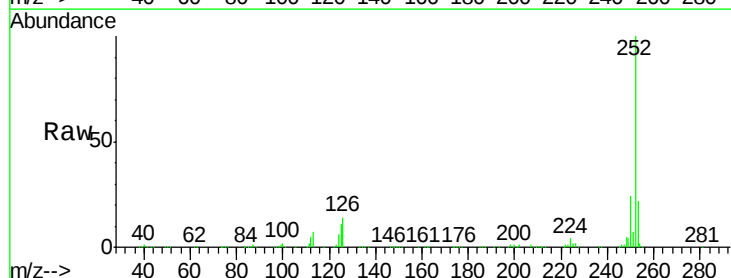
Tgt Ion:252 Resp: 434421

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

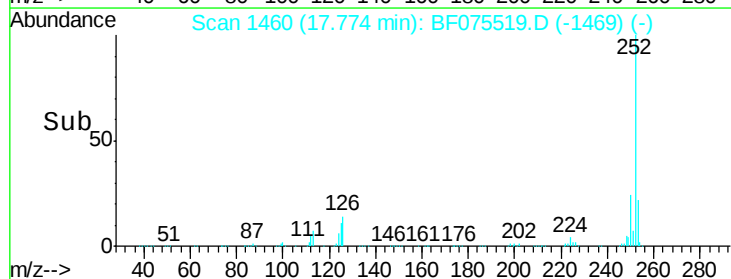
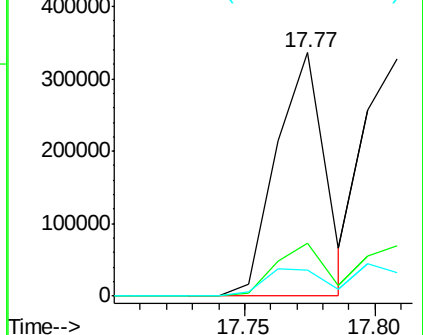
125 10.8 11.6 17.4#

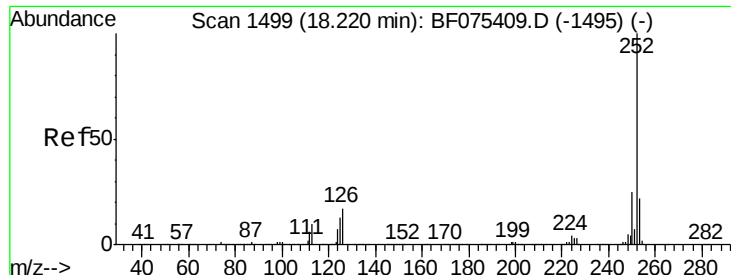


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

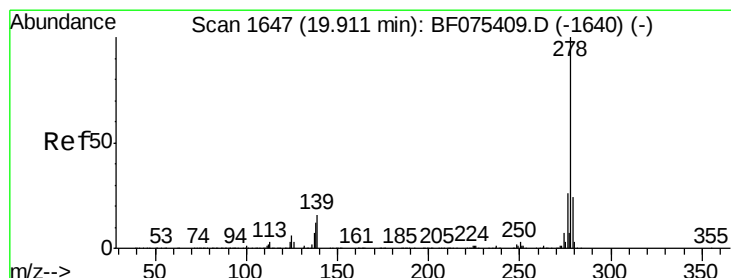
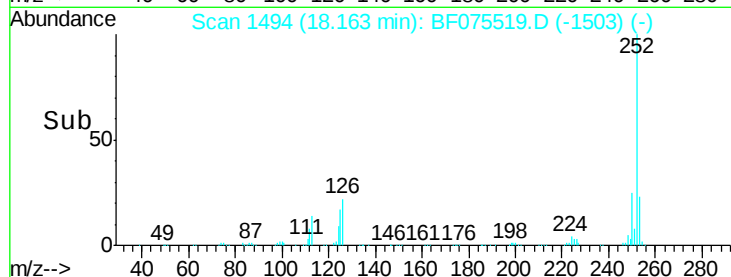
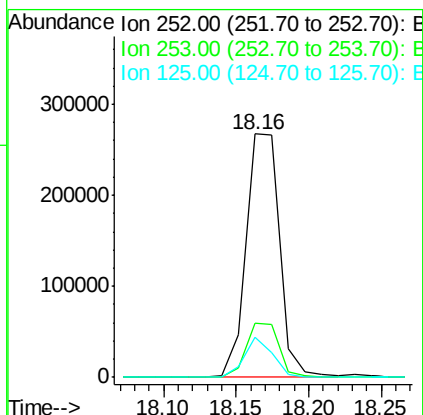
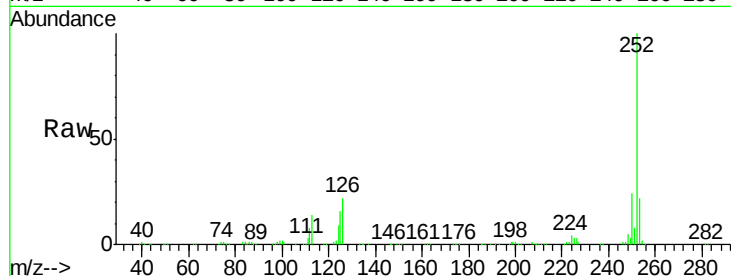




#89
Benzo(a)pyrene
Concen: 51.33 ng
RT: 18.16 min Scan# 1494
Delta R.T. -0.21 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

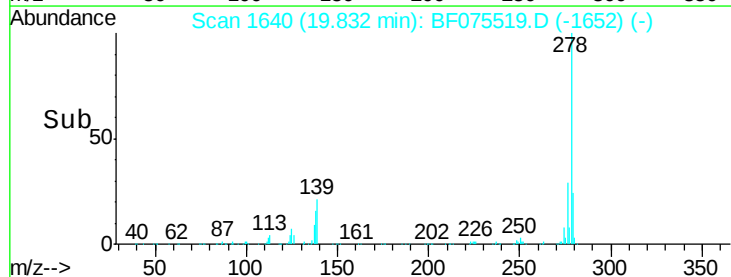
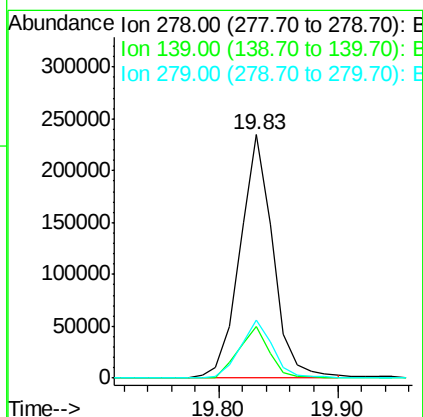
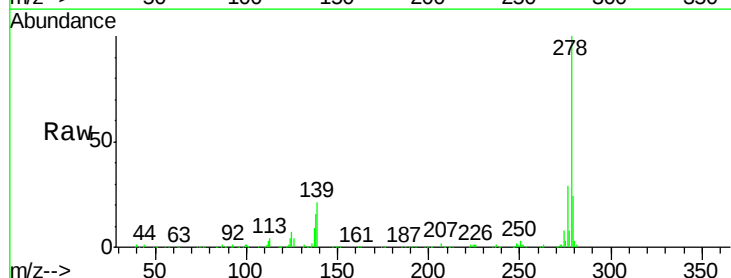
Instrument :
BNA_F
ClientSampleId :
PB80238BS

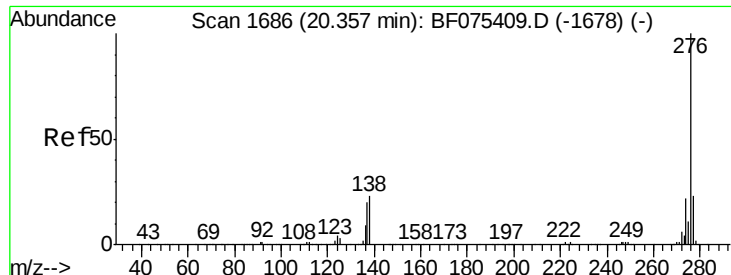
Tgt Ion: 252 Resp: 428728
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 16.5 12.2 18.4



#90
Dibenzo(a,h)anthracene
Concen: 51.61 ng
RT: 19.83 min Scan# 1640
Delta R.T. -0.24 min
Lab File: BF075519.D
Acq: 15 Nov 2014 3:09

Tgt Ion: 278 Resp: 450102
Ion Ratio Lower Upper
278 100
139 21.1 13.6 20.4#
279 24.0 19.4 29.0





#91

Benzo(g,h,i)perylene

Concen: 53.79 ng

RT: 20.27 min Scan# 1678

Delta R.T. -0.24 min

Lab File: BF075519.D

Acq: 15 Nov 2014 3:09

Instrument :

BNA_F

ClientSampleId :

PB80238BS

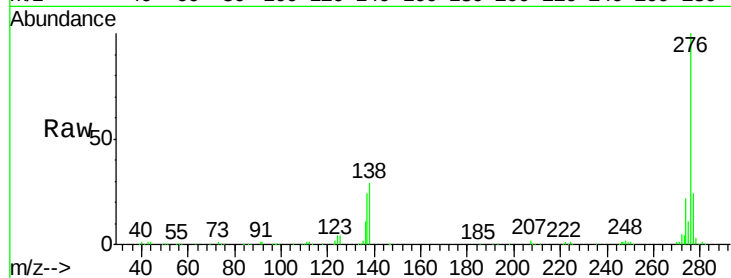
Tgt Ion: 276 Resp: 446996

Ion Ratio Lower Upper

276 100

277 23.7 17.8 26.8

138 28.7 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

