

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077210.D
 Acq On : 6 Feb 2015 19:45
 Operator : TP/IZ
 Sample : PB81634BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

Quant Time: Feb 06 23:49:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 22:52:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29589	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	121230	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	58768	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	112896	20.00	ng	0.00
75) Chrysene-d12	21.05	240	110974	20.00	ng	0.00
86) Perylene-d12	22.68	264	95803	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.66	112	135677	75.39	ng	0.00
7) Phenol-d6	7.05	99	171431	75.51	ng	-0.01
23) Nitrobenzene-d5	8.96	82	155760	71.18	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	40699	85.32	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	326119	84.45	ng	0.00
78) Terphenyl-d14	19.79	244	360877	74.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.10	88	19818	25.72	ng	# 82
3) Pyridine	1.54	79	55066	27.62	ng	99
4) n-Nitrosodimethylamine	1.50	42	24008	24.31	ng	93
6) Aniline	6.93	93	41934	13.35	ng	96
8) 2-Chlorophenol	7.17	128	58704	28.30	ng	95
10) Phenol	7.08	94	64035	26.56	ng	95
11) bis(2-Chloroethyl)ether	7.18	93	55415	29.38	ng	88
12) 1,3-Dichlorobenzene	7.48	146	64673	27.40	ng	93
13) 1,4-Dichlorobenzene	7.68	146	65999	26.37	ng	98
14) 1,2-Dichlorobenzene	8.00	146	63200	27.40	ng	94
15) Benzyl Alcohol	8.10	79	51976	28.29	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	74241	29.28	ng	87
17) 2-Methylphenol	8.45	107	45040	26.56	ng	97
18) Hexachloroethane	8.74	117	24730	28.41	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	42961	27.03	ng	98
20) 3+4-Methylphenols	8.84	107	54753	24.39	ng	89
22) Acetophenone	8.65	105	86844	29.25	ng	99
24) Nitrobenzene	8.99	77	59480	26.68	ng	98
25) Isophorone	9.60	82	111903	28.08	ng	# 95
26) 2-Nitrophenol	9.73	139	27721	25.16	ng	# 80
27) 2,4-Dimethylphenol	10.02	122	50597	29.35	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	71518	31.57	ng	98
29) 2,4-Dichlorophenol	10.35	162	40681	25.32	ng	94
30) 1,2,4-Trichlorobenzene	10.47	180	50723	28.42	ng	94
31) Naphthalene	10.60	128	179030	28.68	ng	97
32) Benzoic acid	10.43	122	3503	3.67	ng	99
33) 4-Chloroaniline	10.87	127	33469	13.27	ng	96
34) Hexachlorobutadiene	10.97	225	30187	28.51	ng	98
35) Caprolactam	11.71	113	11144	23.56	ng	# 92
36) 4-Chloro-3-methylphenol	12.17	107	50466	27.43	ng	95
37) 2-Methylnaphthalene	12.26	142	126812	29.75	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	48099	33.10	ng	97
40) Hexachlorocyclopentadiene	12.64	237	44509	58.23	ng	99
42) 2,4,6-Trichlorophenol	13.01	196	30606	28.91	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.12	196	25860	23.95	nq	# 90
45) 1,1'-Biphenyl	13.40	154	150019	34.43	nq	96
46) 2-Chloronaphthalene	13.38	162	117573	32.79	nq	98
47) 2-Nitroaniline	13.73	65	35545	32.68	nq	98
48) Acenaphthylene	14.33	152	193274	31.96	nq	99
49) Dimethylphthalate	14.29	163	143368	34.40	nq	99
50) 2,6-Dinitrotoluene	14.39	165	28806	34.59	nq	97
51) Acenaphthene	14.75	154	108474	31.62	nq	96
52) 3-Nitroaniline	14.74	138	21657	20.98	nq	91
53) 2,4-Dinitrophenol	15.04	184	11626	37.13	nq	89
54) Dibenzofuran	15.17	168	173917	34.80	nq	99
55) 4-Nitrophenol	15.36	139	26860	41.11	nq	88
56) 2,4-Dinitrotoluene	15.32	165	40306	32.98	nq	# 92
57) Fluorene	15.94	166	139641	32.98	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	22065	28.07	nq	# 92
59) Diethylphthalate	15.95	149	150722	35.78	nq	98
60) 4-Chlorophenyl-phenylether	16.03	204	59252	34.20	nq	95
61) 4-Nitroaniline	16.10	138	28111	27.41	nq	93
62) Azobenzene	16.33	77	155453	35.42	nq	97
64) 4,6-Dinitro-2-methylphenol	16.18	198	15839	23.63	nq	78
65) n-Nitrosodiphenylamine	16.29	169	117036	29.07	nq	97
66) 4-Bromophenyl-phenylether	16.91	248	34222	29.92	nq	# 88
67) Hexachlorobenzene	16.92	284	34822	28.89	nq	91
68) Atrazine	17.30	200	40457	33.12	nq	94
69) Pentachlorophenol	17.30	266	22117	43.46	nq	96
70) Phenanthrene	17.57	178	202348	28.74	nq	99
71) Anthracene	17.65	178	203640	29.66	nq	98
72) Carbazole	17.95	167	194332	29.18	nq	98
73) Di-n-butylphthalate	18.55	149	253495	32.89	nq	99
74) Fluoranthene	19.23	202	216945	30.07	nq	98
76) Benzidine	19.48	184	84799	23.88	nq	98
77) Pyrene	19.51	202	222024	29.19	nq	100
79) Butylbenzylphthalate	20.45	149	109994	31.93	nq	96
80) Benzo(a)anthracene	21.04	228	196654	28.24	nq	99
81) 3,3'-Dichlorobenzidine	21.05	252	42761	19.33	nq	# 94
82) Chrysene	21.08	228	187216	29.49	nq	98
83) Bis(2-ethylhexyl)phthalate	21.20	149	157659	33.08	nq	97
84) Di-n-octyl phthalate	21.95	149	270321	32.68	nq	99
87) Benzo(b)fluoranthene	22.28	252	193758	30.03	nq	# 93
88) Benzo(k)fluoranthene	22.28	252	193758	34.37	nq	# 96
89) Benzo(a)pyrene	22.63	252	174789	30.71	nq	98

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

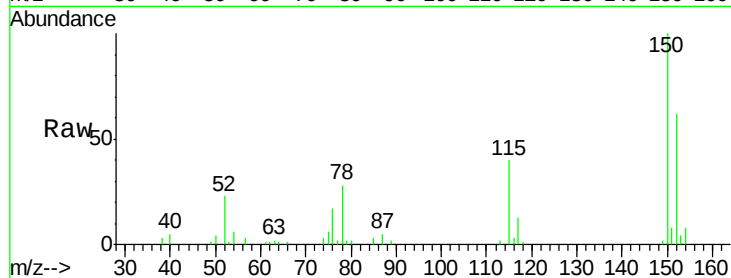


#1

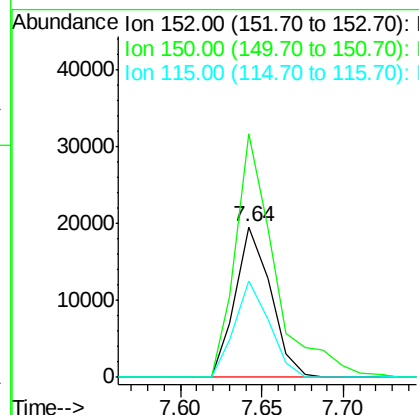
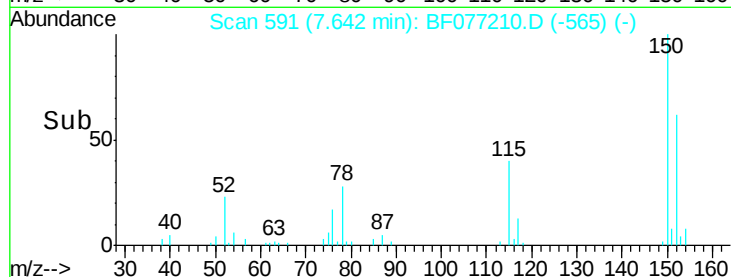
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

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ClientSampleId :
PB81634BS

Tot Ion:152 Resp: 29589
Ion Ratio Lower Upper
152 100
150 161.6 121.7 182.5
115 64.0 47.0 70.6



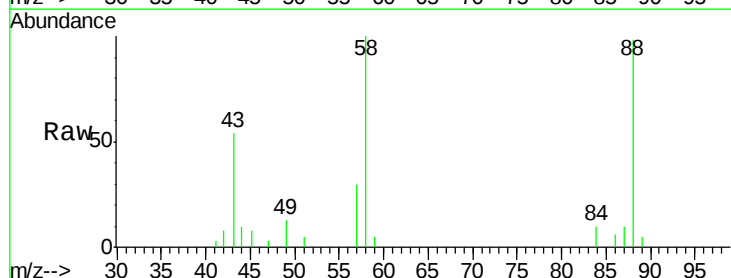
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



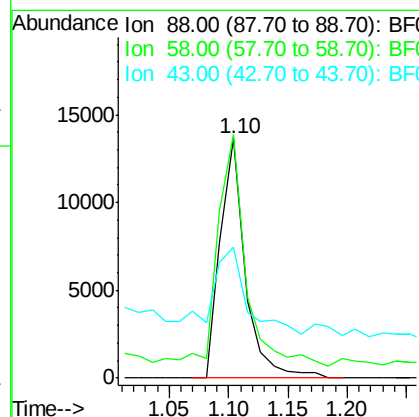
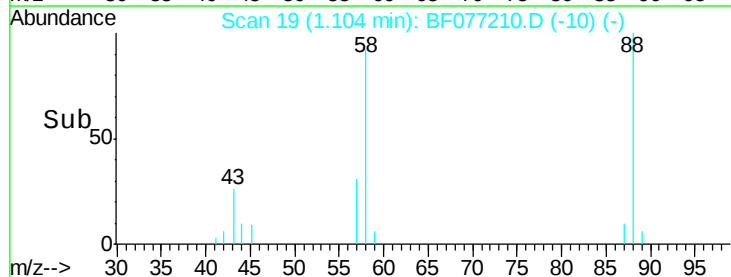
#2

1,4-Dioxane
Concen: 25.72 ng
RT: 1.10 min Scan# 19
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion: 88 Resp: 19818
Ion Ratio Lower Upper
88 100
58 109.8 77.0 115.4
43 50.0 25.6 38.4#



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





#3

Pvridine

Concen: 27.62 ng

RT: 1.54 min Scan# 57

Delta R.T. -0.01 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

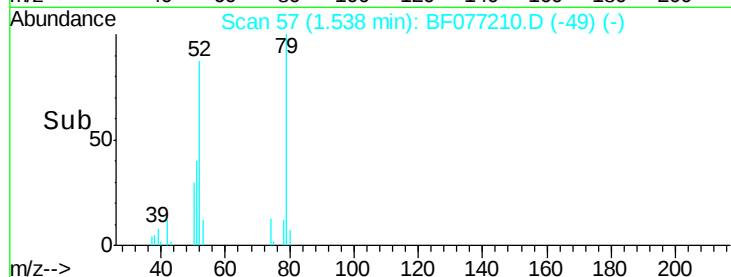
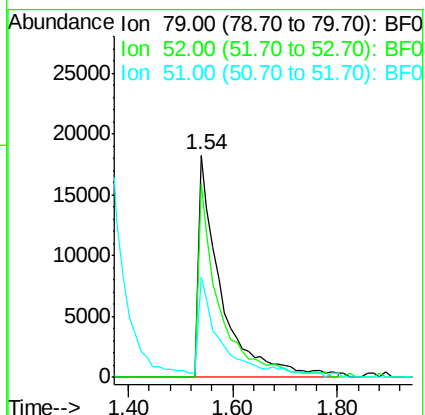
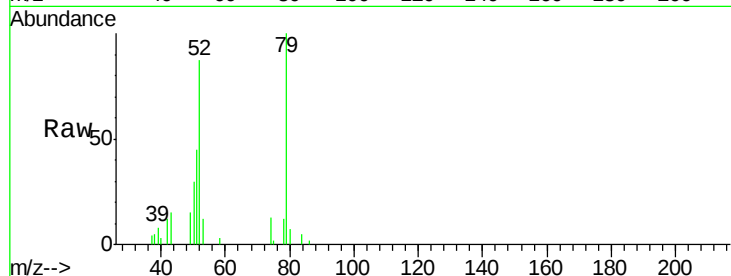
Tot Ion: 79 Resp: 55066

Ion Ratio Lower Upper

79 100

52 87.4 70.1 105.1

51 45.1 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 24.31 ng

RT: 1.50 min Scan# 54

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

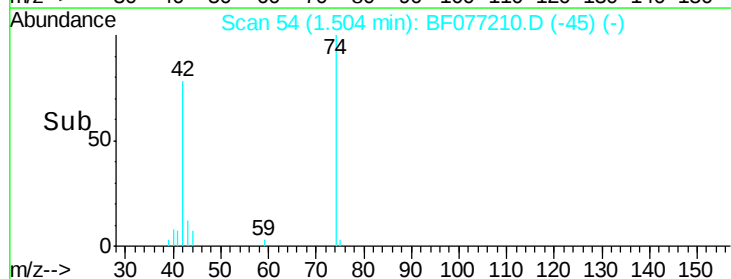
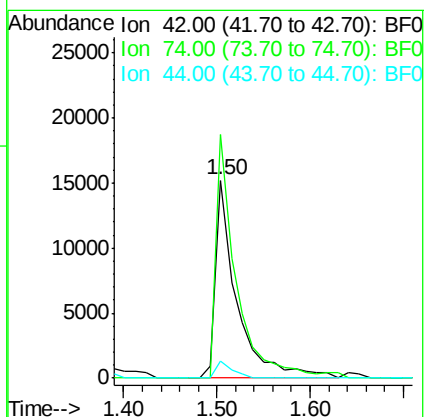
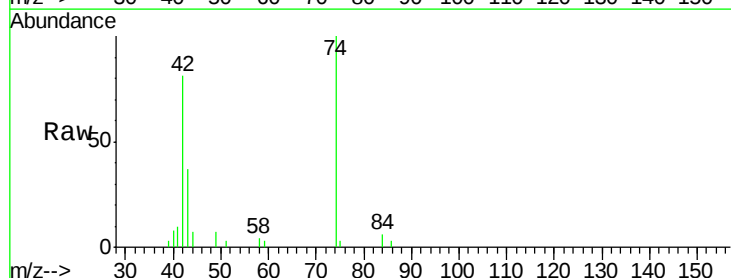
Tgt Ion: 42 Resp: 24008

Ion Ratio Lower Upper

42 100

74 123.1 92.4 138.6

44 8.4 6.2 9.2





#5

2-Fluorophenol

Concen: 75.39 ng

RT: 4.66 min Scan# 330

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

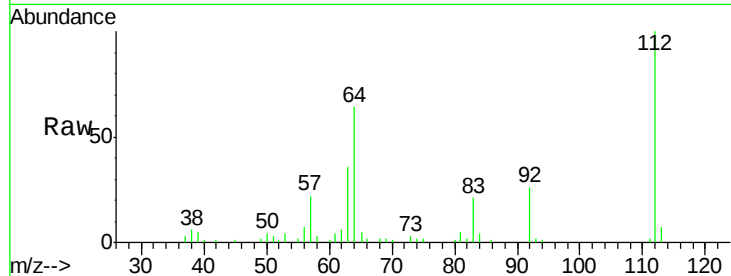
Tot Ion:112 Resp: 135677

Ion Ratio Lower Upper

112 100

64 64.4 54.2 81.4

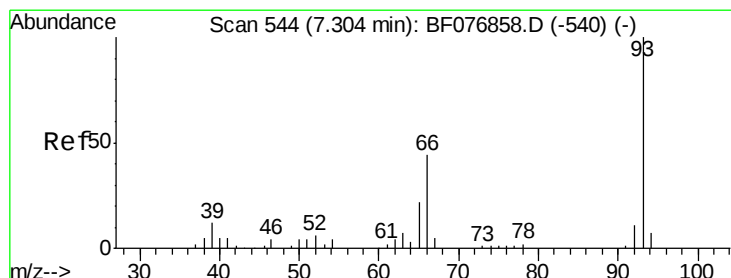
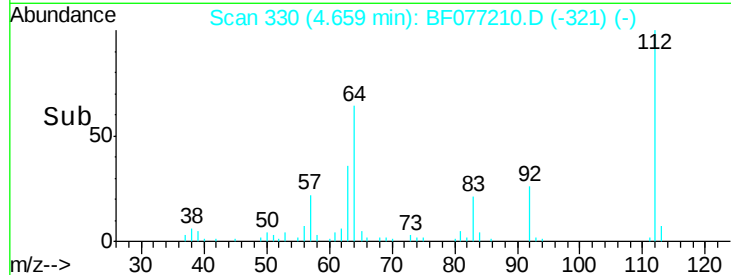
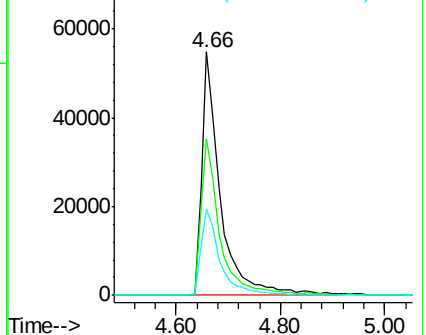
63 35.6 28.4 42.6



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: 13.35 ng

RT: 6.93 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

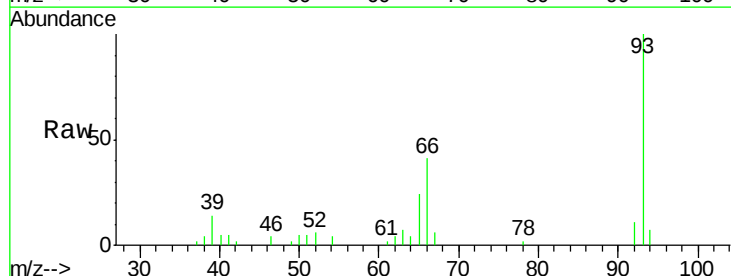
Tgt Ion: 93 Resp: 41934

Ion Ratio Lower Upper

93 100

66 41.3 35.0 52.4

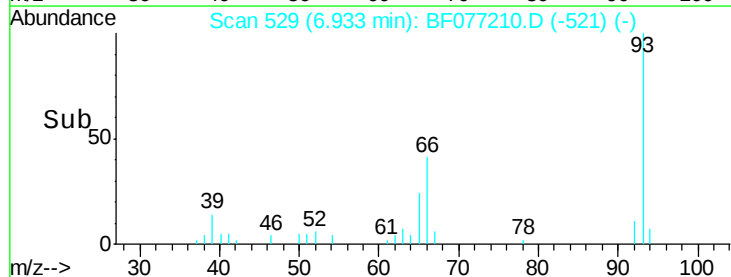
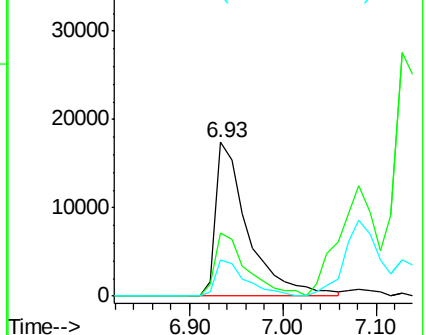
65 23.8 17.7 26.5

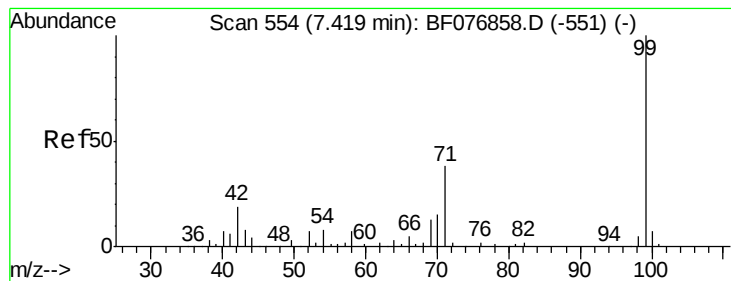


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.51 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF077210.D

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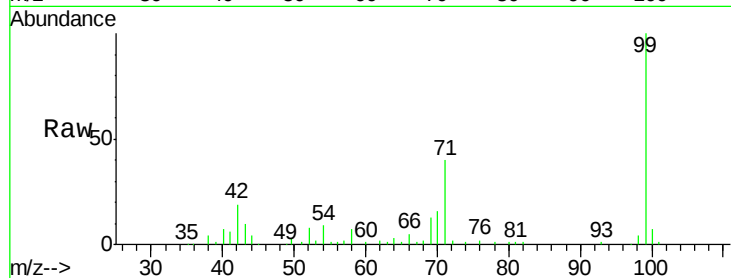
Tot Ion: 99 Resp: 171431

Ion Ratio Lower Upper

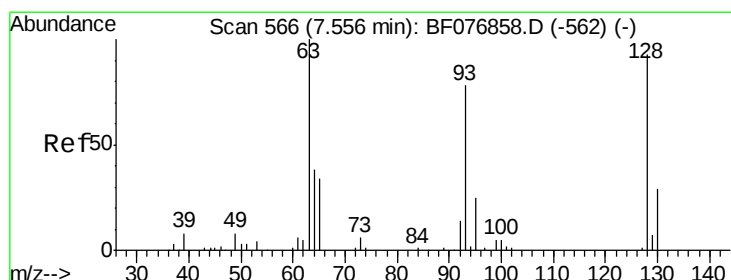
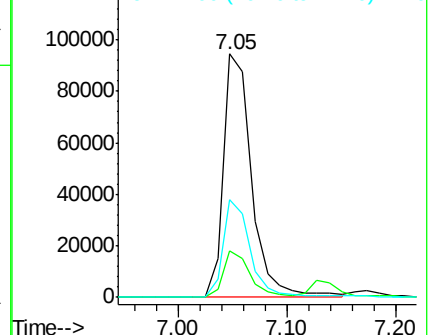
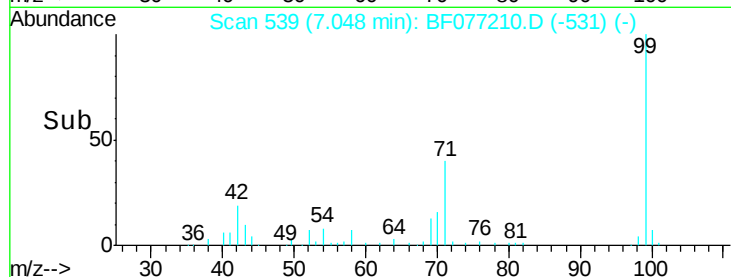
99 100

42 19.1 15.0 22.4

71 39.9 30.5 45.7



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: 28.30 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

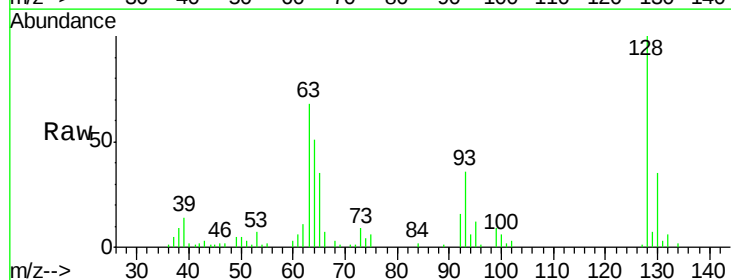
Tgt Ion: 128 Resp: 58704

Ion Ratio Lower Upper

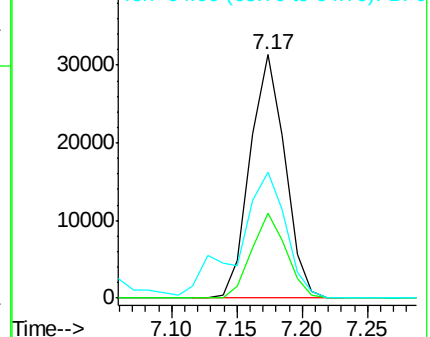
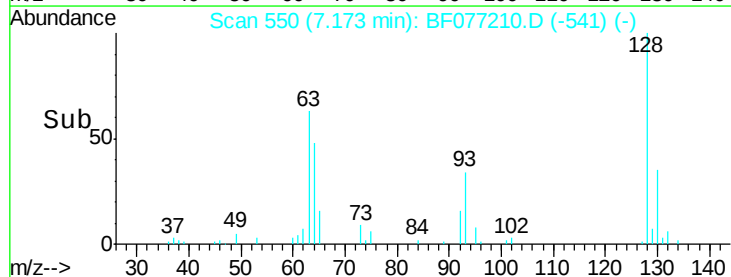
128 100

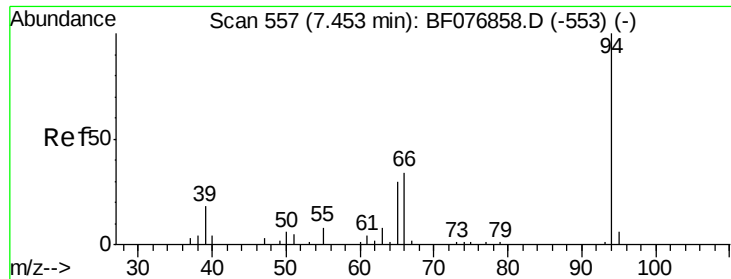
130 35.1 11.0 51.0

64 51.5 29.3 69.3



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





#10

Phenol

Concen: 26.56 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

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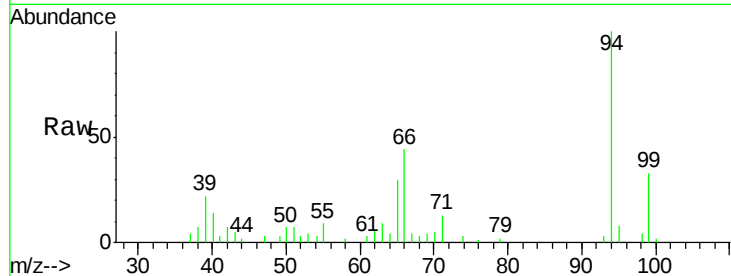
Tot Ion: 94 Resp: 64035

Ion Ratio Lower Upper

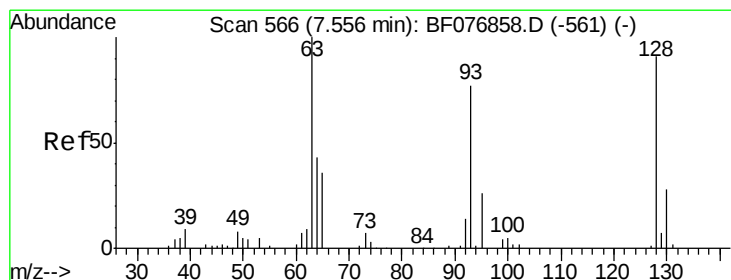
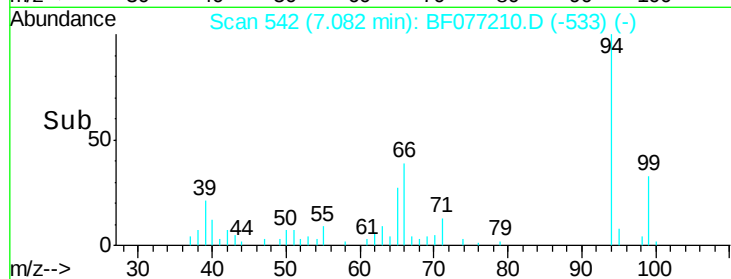
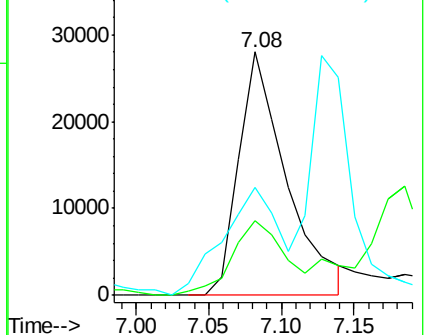
94 100

65 30.5 11.3 51.3

66 44.4 19.5 59.5



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: 29.38 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

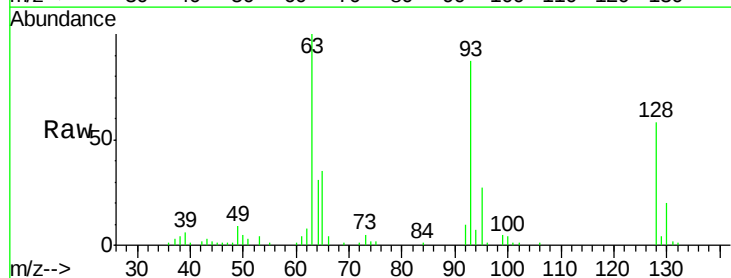
Tgt Ion: 93 Resp: 55415

Ion Ratio Lower Upper

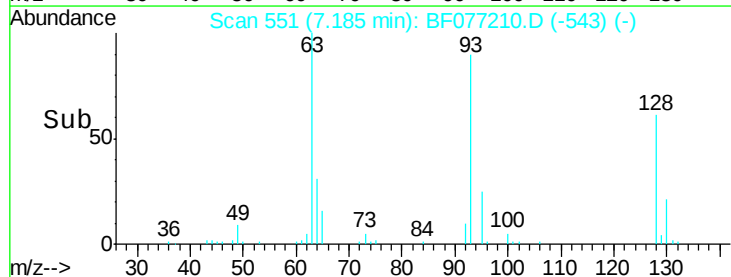
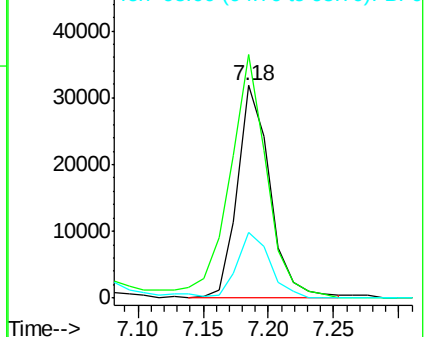
93 100

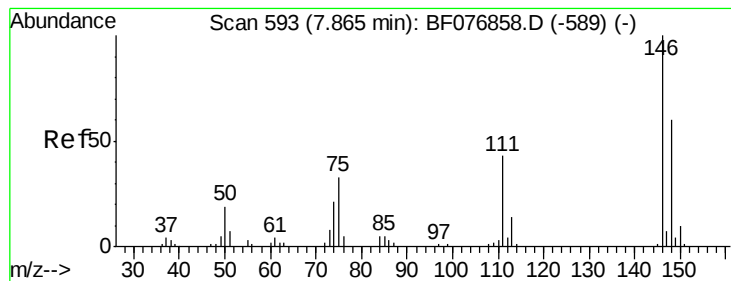
63 114.6 111.3 151.3

95 31.2 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 27.40 ng

RT: 7.48 min Scan# 577

Delta R.T. 0.00 min

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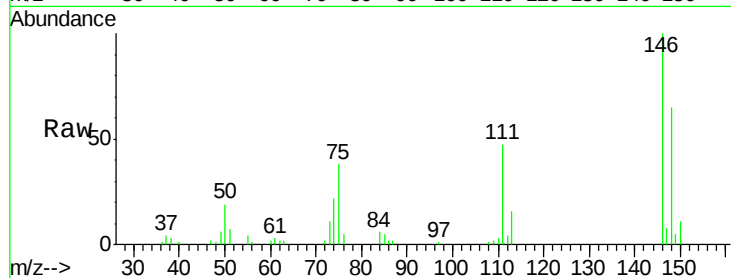
Tot Ion:146 Resp: 64673

Ion Ratio Lower Upper

146 100

148 65.5 48.1 72.1

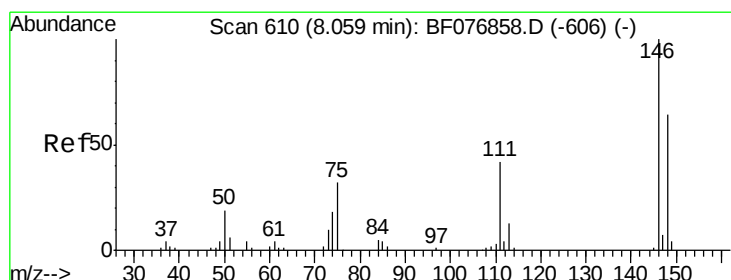
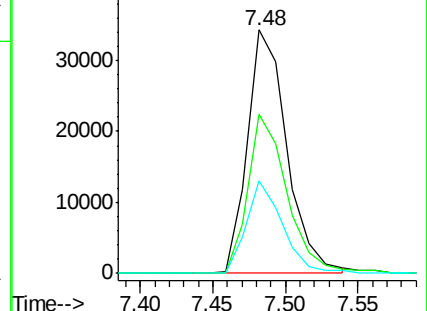
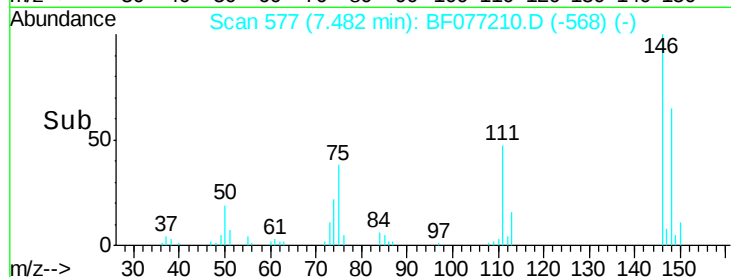
75 38.1 26.8 40.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 26.37 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

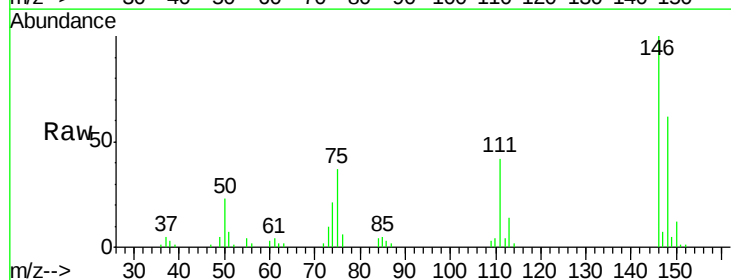
Tgt Ion:146 Resp: 65999

Ion Ratio Lower Upper

146 100

148 61.6 51.5 77.3

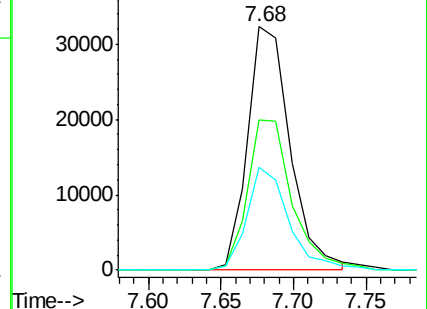
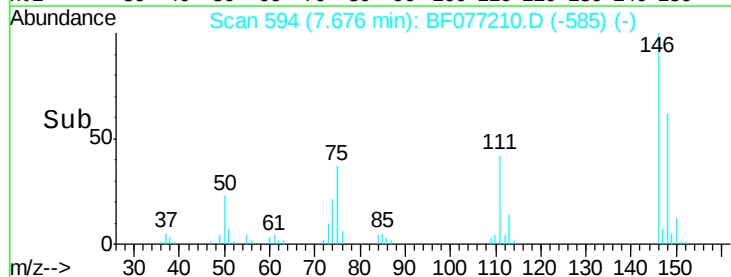
111 42.5 33.9 50.9

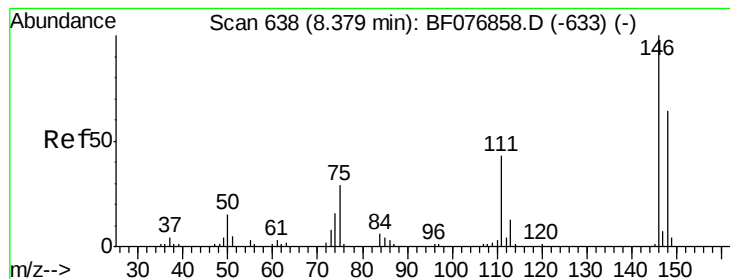


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 27.40 ng

RT: 8.00 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

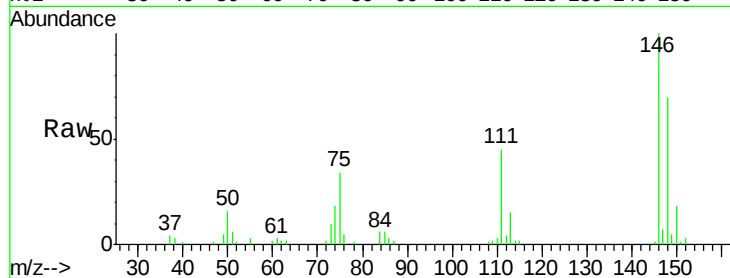
Tot Ion:146 Resp: 63200

Ion Ratio Lower Upper

146 100

148 69.9 51.3 76.9

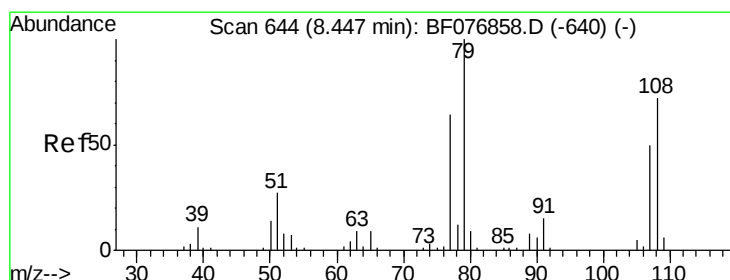
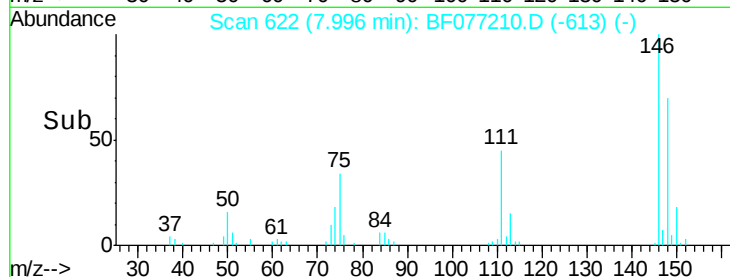
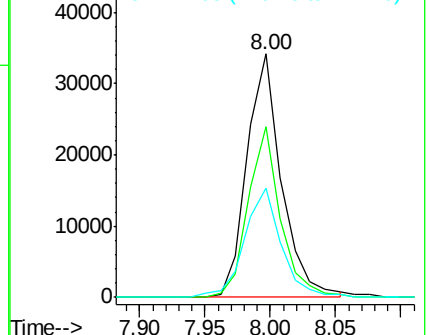
111 45.1 34.5 51.7



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: 28.29 ng

RT: 8.10 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

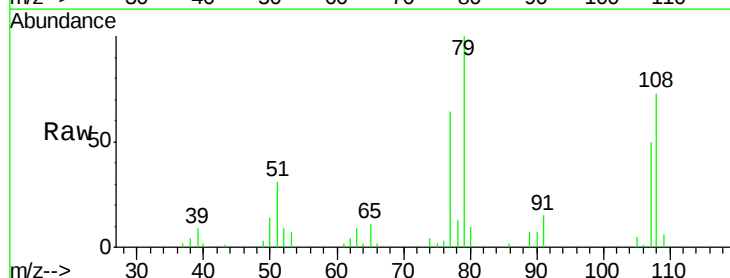
Tgt Ion: 79 Resp: 51976

Ion Ratio Lower Upper

79 100

108 73.2 57.2 85.8

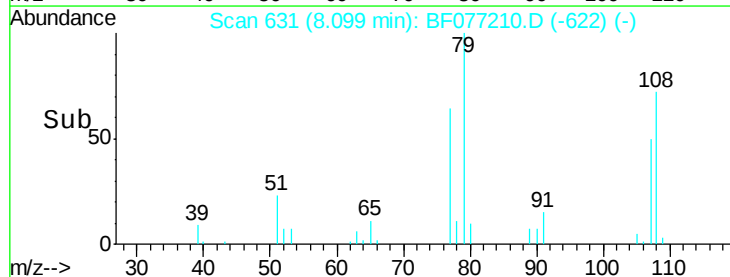
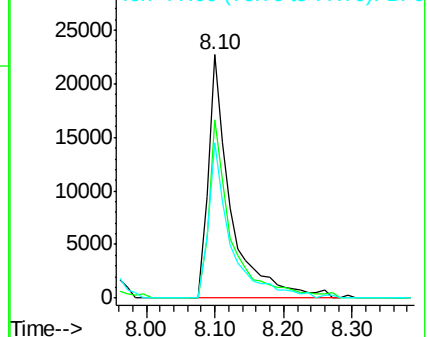
77 63.9 51.2 76.8

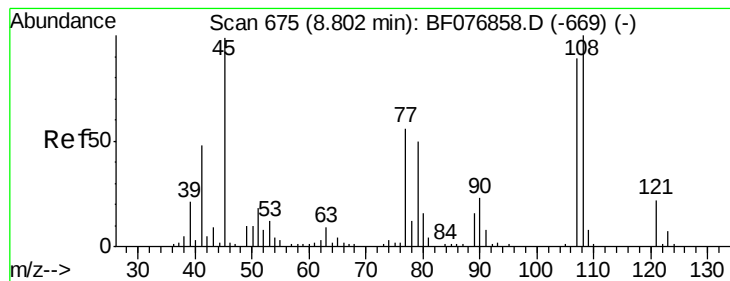


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 29.28 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampled :

PB81634BS

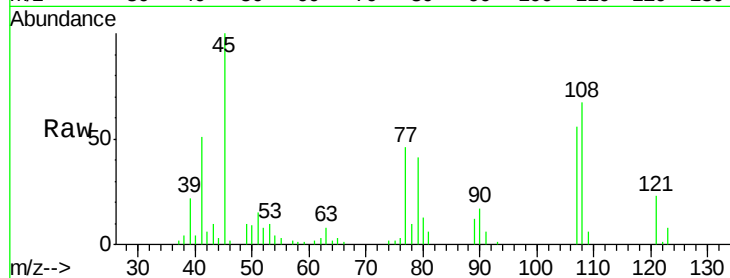
Tot Ion: 45 Resp: 74241

Ion Ratio Lower Upper

45 100

77 46.4 36.1 76.1

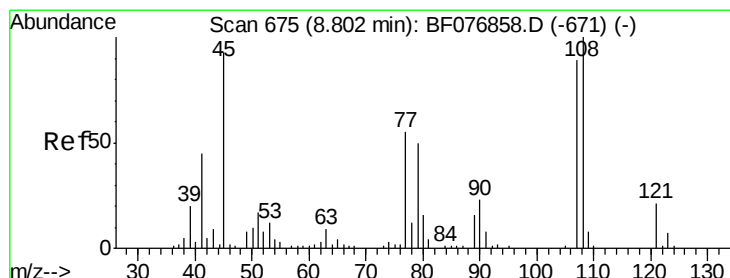
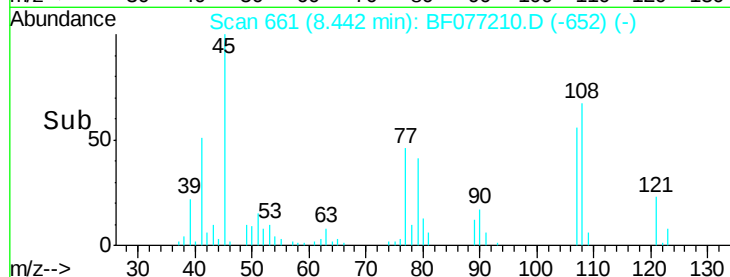
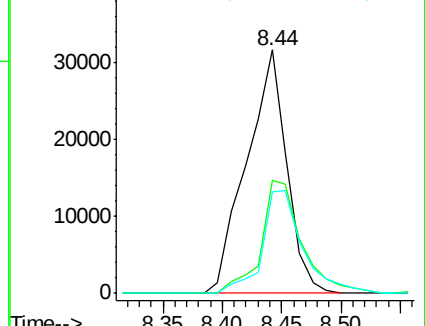
79 41.5 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#17

2-Methylphenol

Concen: 26.56 ng

RT: 8.45 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:107 Resp: 45040

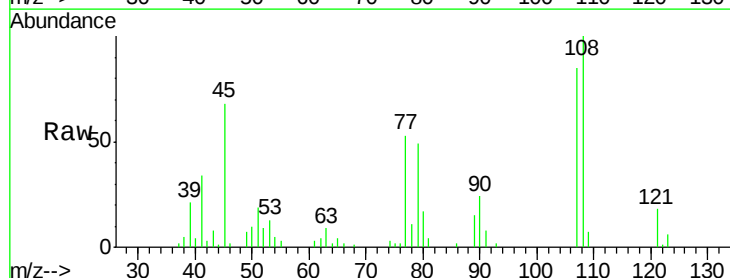
Ion Ratio Lower Upper

107 100

108 117.9 89.7 134.5

77 62.0 50.1 75.1

79 58.3 45.0 67.6

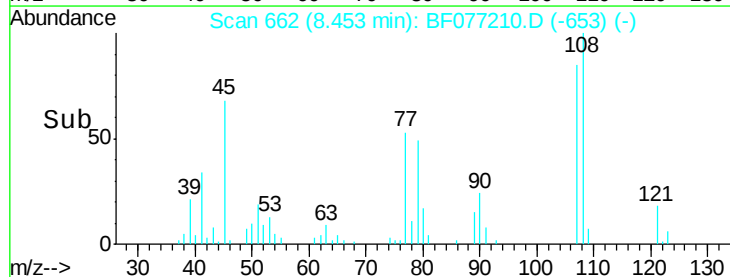
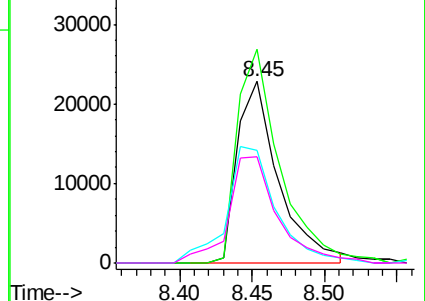


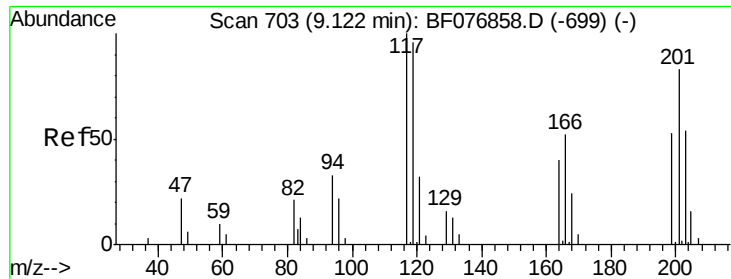
Abundance Ion 107.00 (106.70 to 107.70): E

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

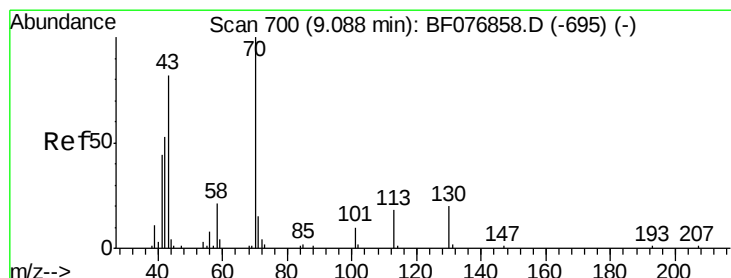
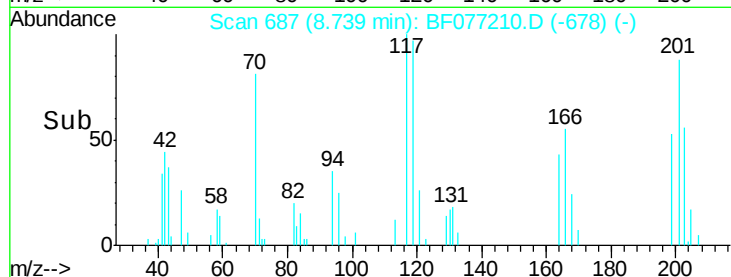
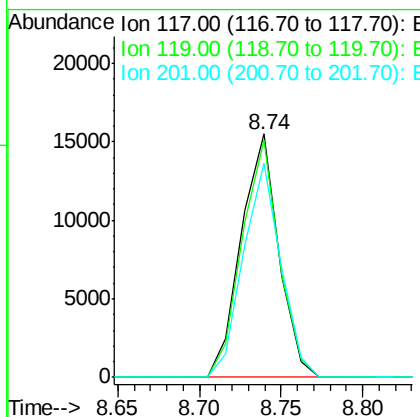
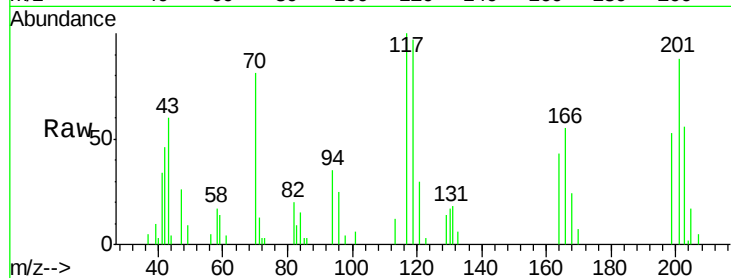




#18
Hexachloroethane
Concen: 28.41 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

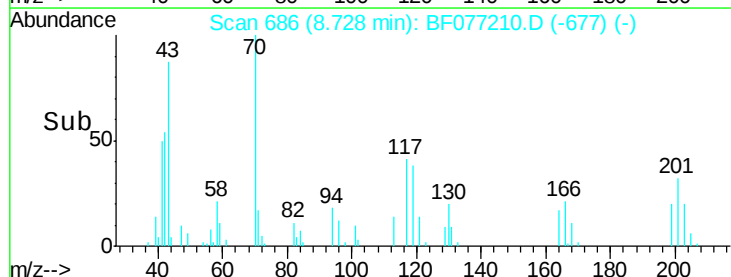
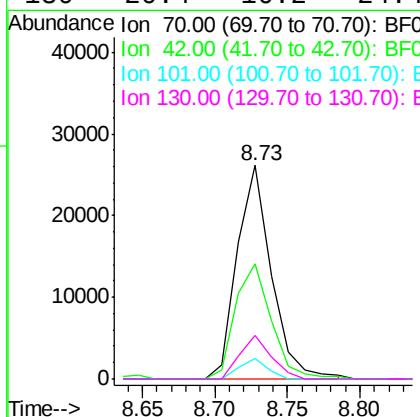
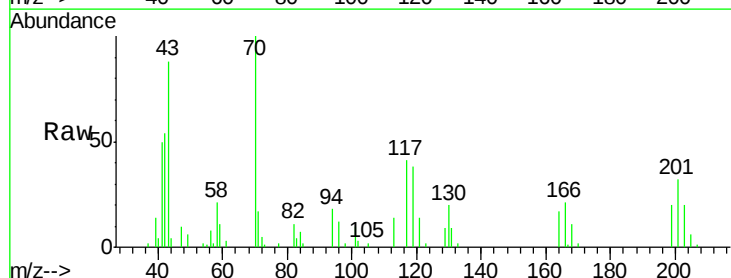
Instrument :
BNA_F
ClientSampleId :
PB81634BS

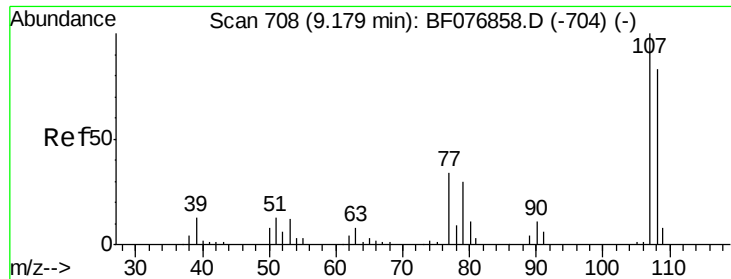
Tot Ion:117 Resp: 24730
Ion Ratio Lower Upper
117 100
119 97.3 77.1 115.7
201 88.0 66.8 100.2



#19
n-Nitroso-di-n-propylamine
Concen: 27.03 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion: 70 Resp: 42961
Ion Ratio Lower Upper
70 100
42 54.1 42.1 63.1
101 9.6 7.8 11.8
130 20.4 16.2 24.4

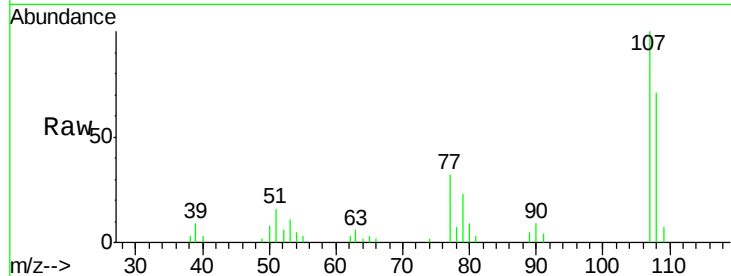




#20
3+4-Methylphenols
Concen: 24.39 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tot Ion:107	Resp:	54753
Ion	Ratio	Lower Upper
107	100	
108	71.4	63.5 103.5
77	32.3	14.0 54.0
79	23.2	9.9 49.9



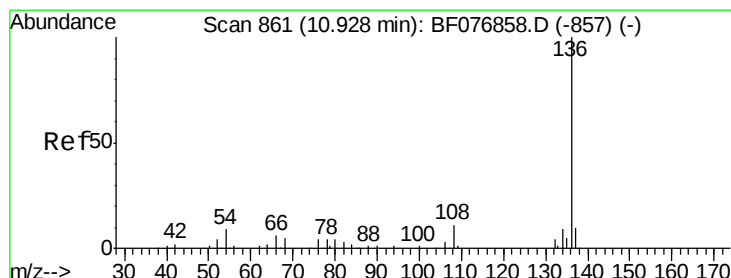
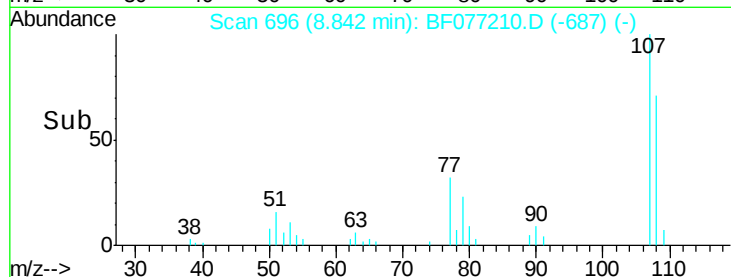
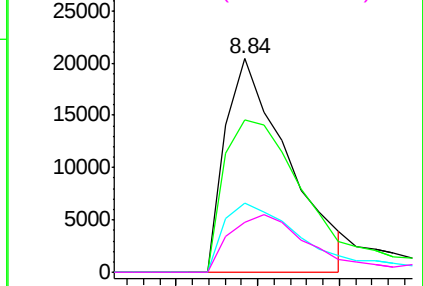
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

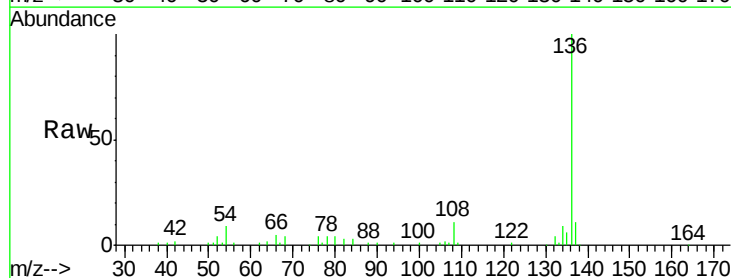
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:136	Resp:	121230
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.1 12.1
54	9.0	7.0 10.4
68	4.5	3.7 5.5



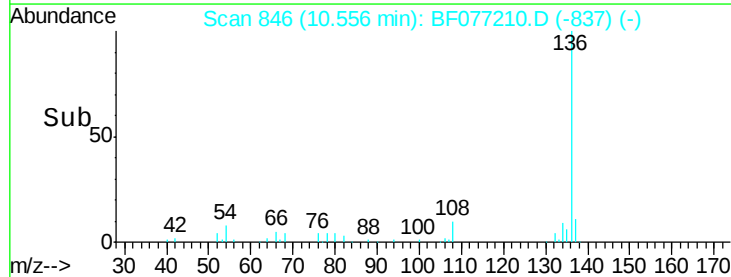
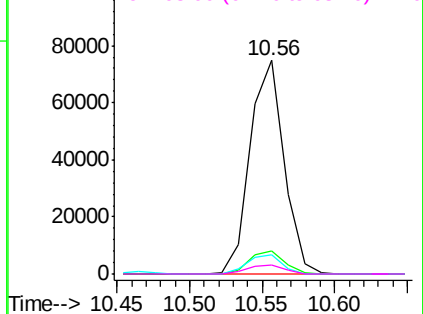
Abundance

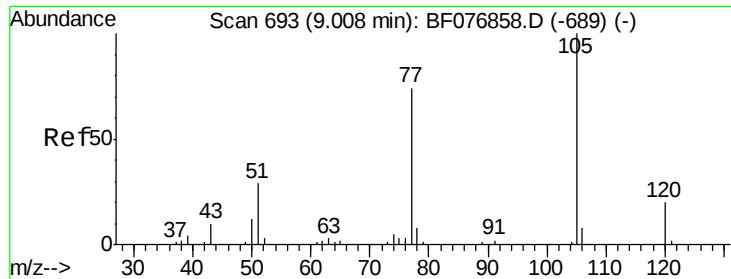
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



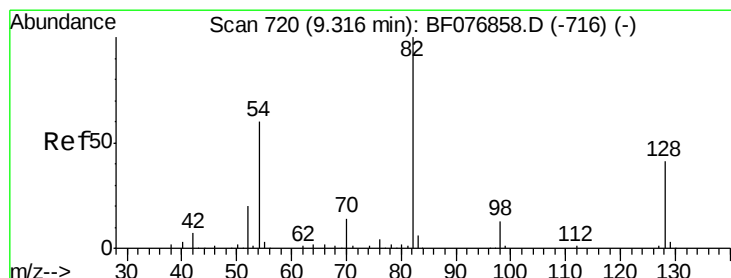
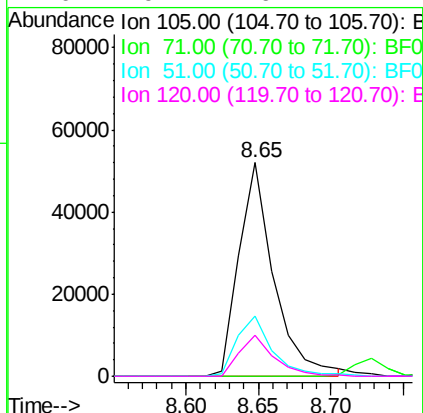
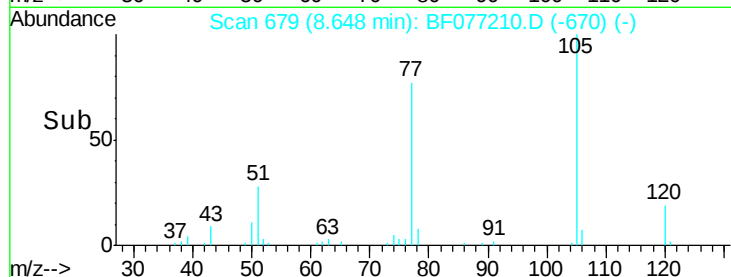
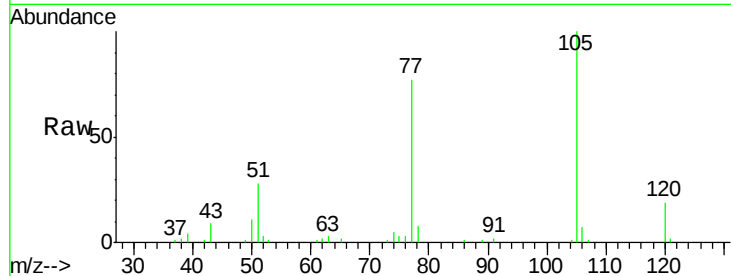


#22
 Acetophenone
 Concen: 29.25 ng
 RT: 8.65 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

Tot Ion: 105 Resp: 86844

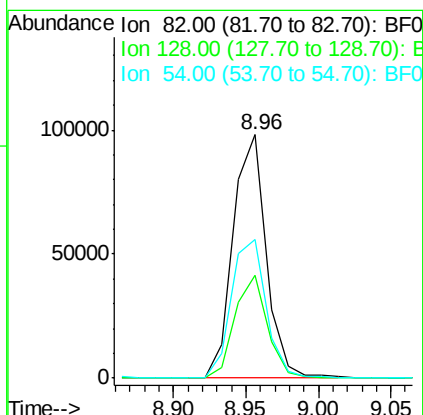
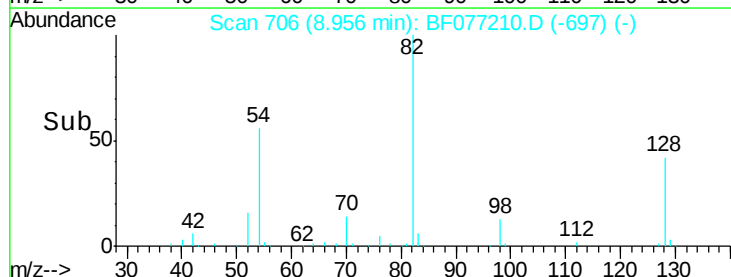
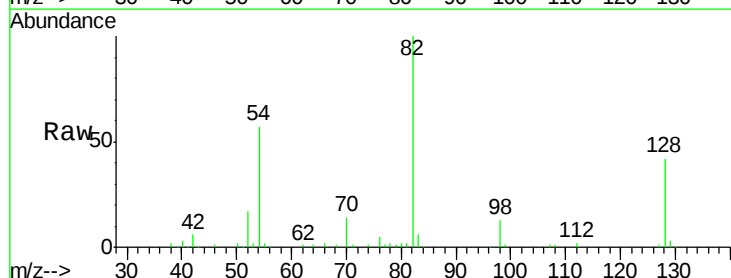
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	28.5	23.3	34.9
120	19.2	16.1	24.1

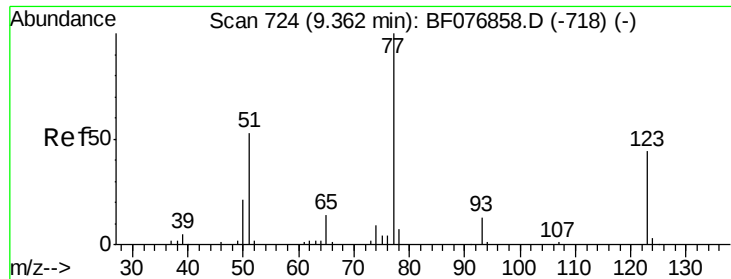


#23
 Nitrobenzene-d5
 Concen: 71.18 ng
 RT: 8.96 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion: 82 Resp: 155760

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.1	49.7
54	56.9	48.3	72.5





#24

Nitrobenzene

Concen: 26.68 ng

RT: 8.99 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

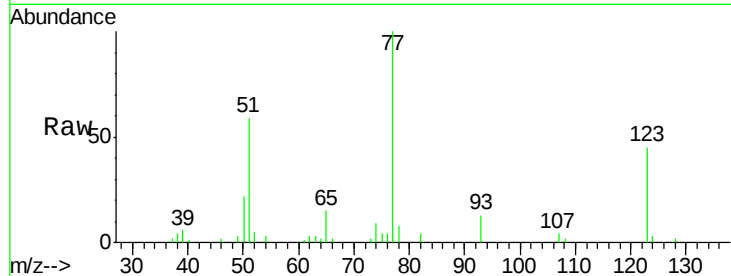
Tot Ion: 77 Resp: 59480

Ion Ratio Lower Upper

77 100

123 45.5 35.2 52.8

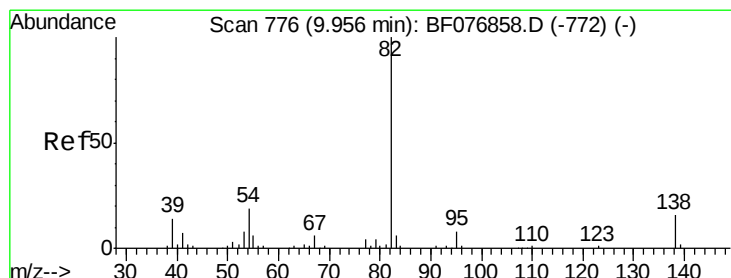
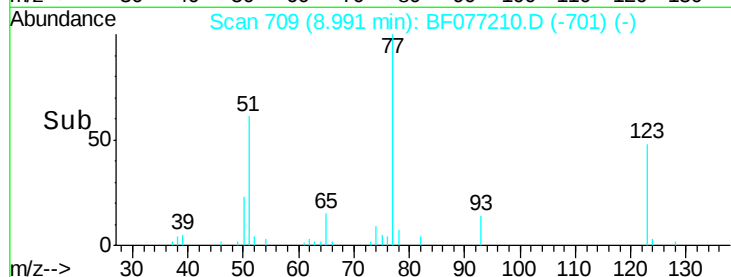
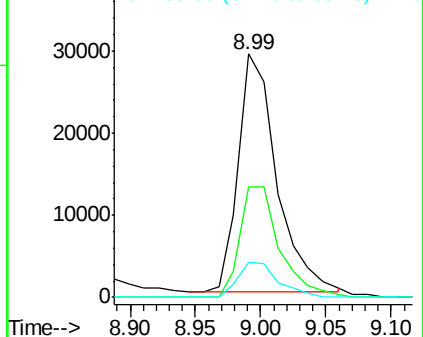
65 14.6 11.4 17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 28.08 ng

RT: 9.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

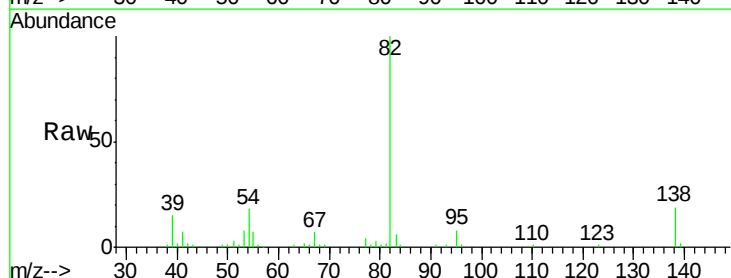
Tgt Ion: 82 Resp: 111903

Ion Ratio Lower Upper

82 100

95 8.4 6.6 10.0

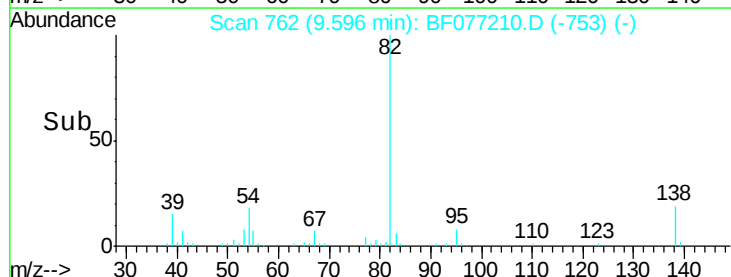
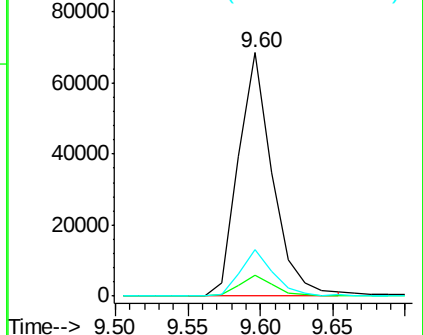
138 18.9 12.6 18.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

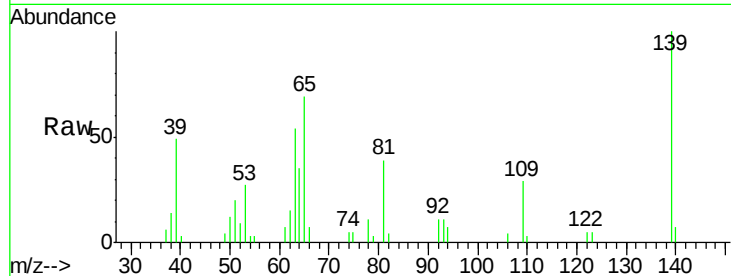




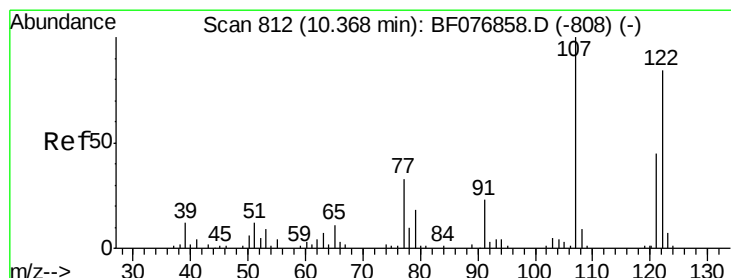
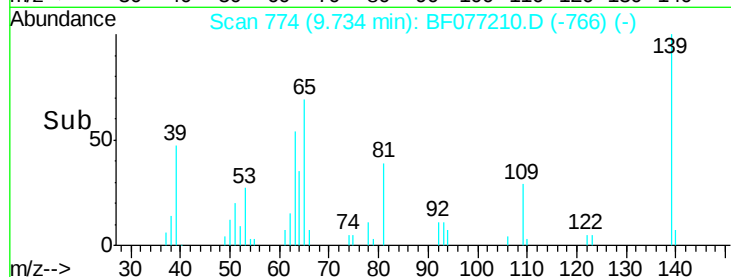
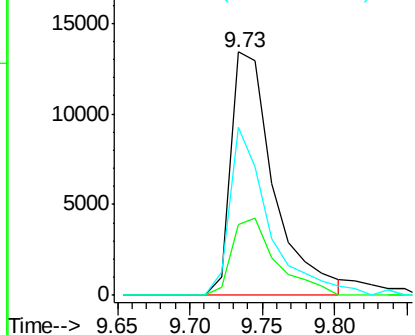
#26
2-Nitrophenol
Concen: 25.16 ng
RT: 9.73 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tot Ion:139 Resp: 27721
Ion Ratio Lower Upper
139 100
109 28.9 21.3 31.9
65 68.8 39.4 59.0#

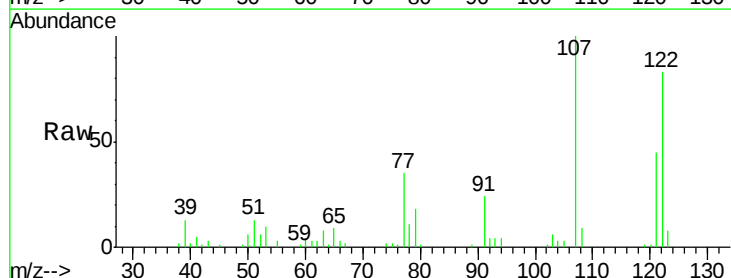


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

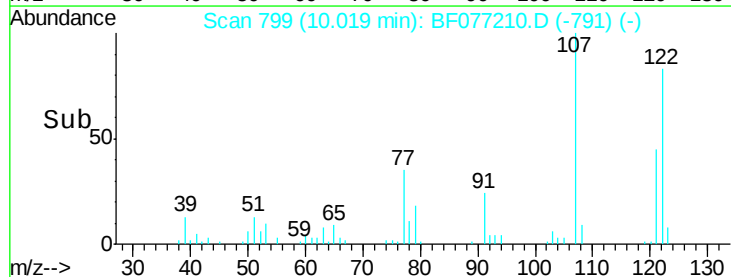
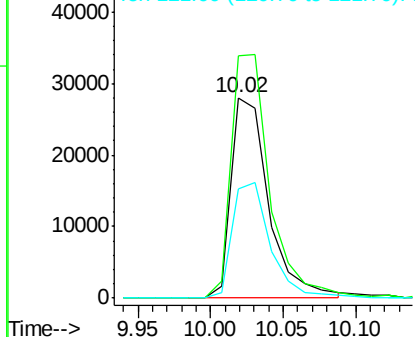


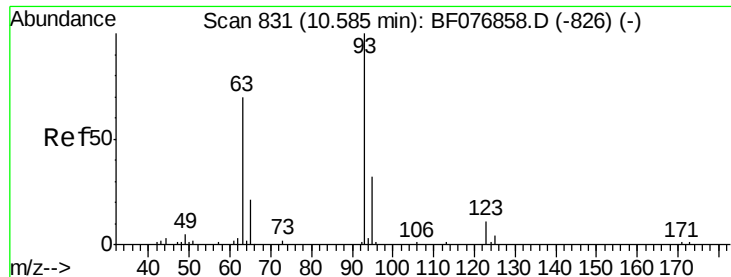
#27
2,4-Dimethylphenol
Concen: 29.35 ng
RT: 10.02 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:122 Resp: 50597
Ion Ratio Lower Upper
122 100
107 120.6 95.2 142.8
121 54.7 42.9 64.3



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

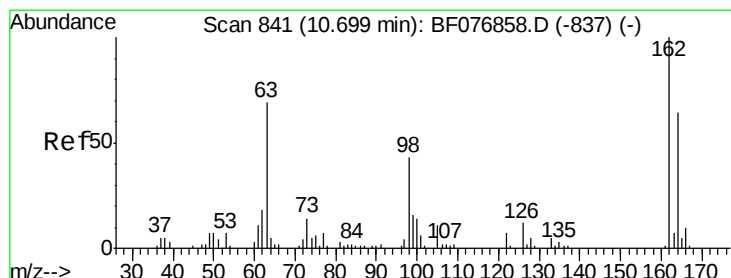
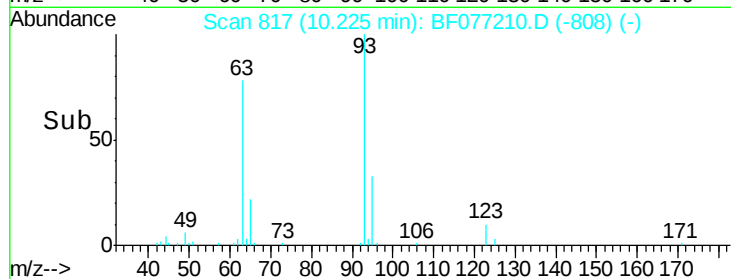
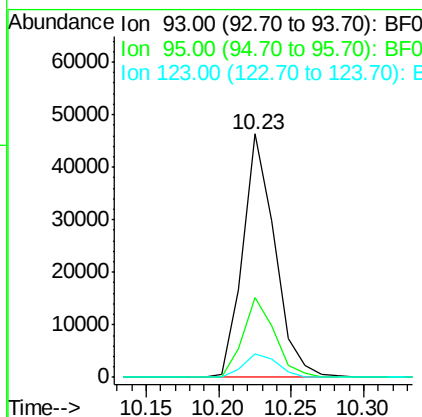
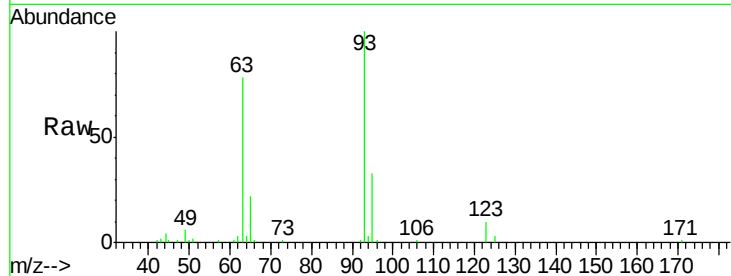




#28
bis(2-Chloroethoxy)methane
Concen: 31.57 ng
RT: 10.23 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

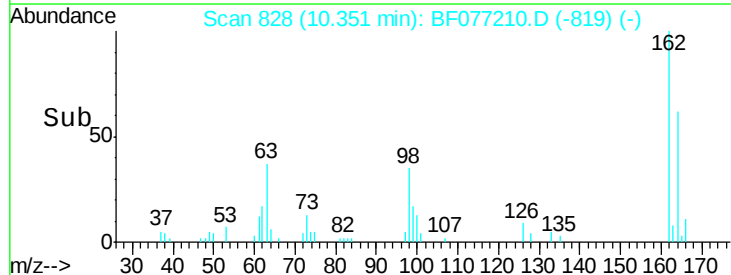
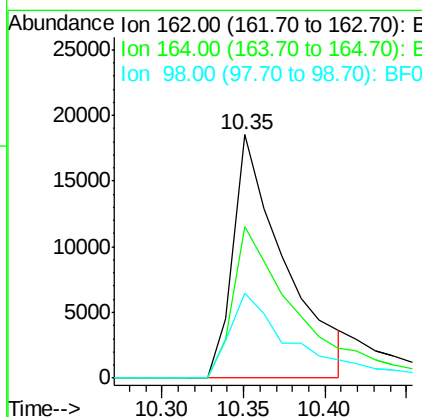
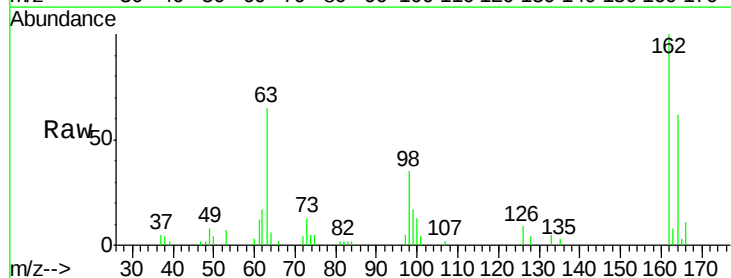
Instrument :
BNA_F
ClientSampleId :
PB81634BS

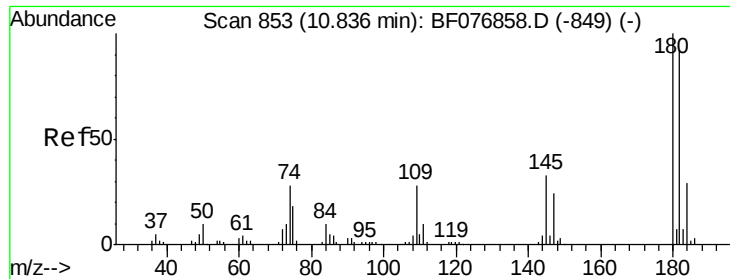
Tot Ion: 93 Resp: 71518
Ion Ratio Lower Upper
93 100
95 32.5 25.6 38.4
123 9.7 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 25.32 ng
RT: 10.35 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion: 162 Resp: 40681
Ion Ratio Lower Upper
162 100
164 62.1 43.8 83.8
98 34.8 22.5 62.5

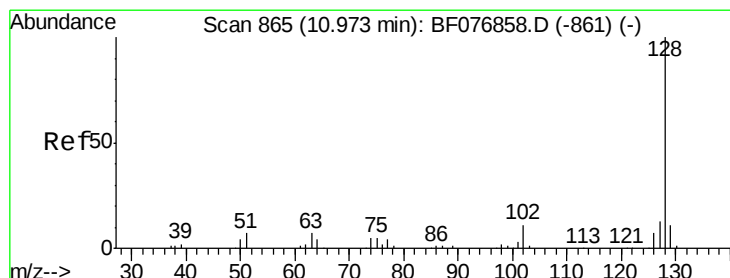
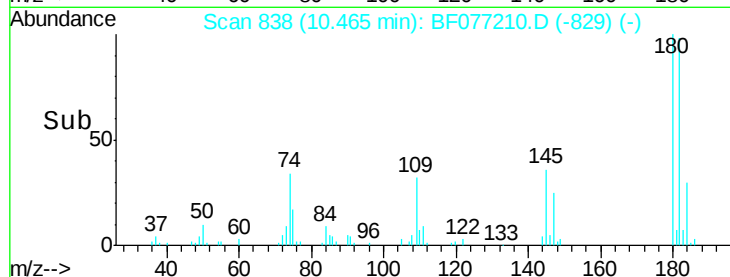
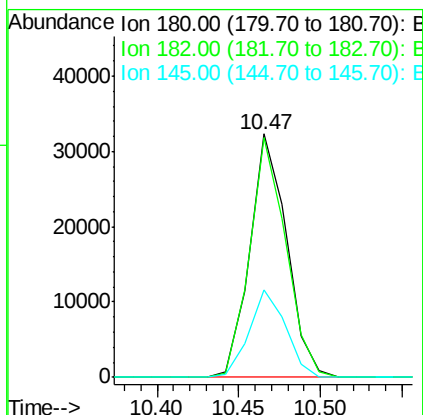
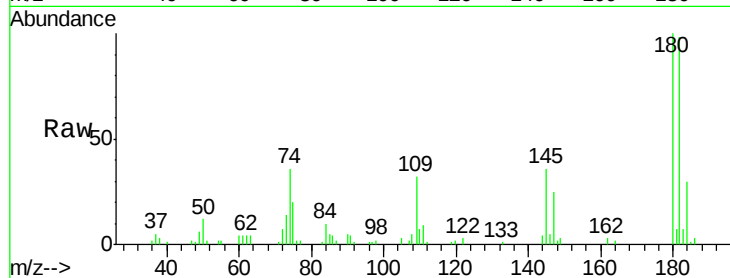




#30
 1,2,4-Trichlorobenzene
 Concen: 28.42 ng
 RT: 10.47 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

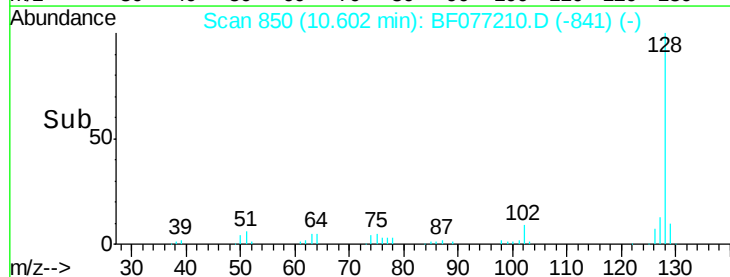
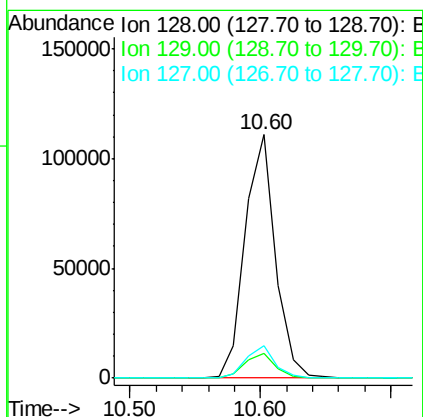
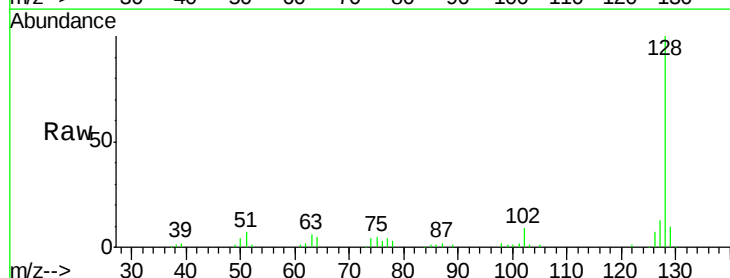
Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

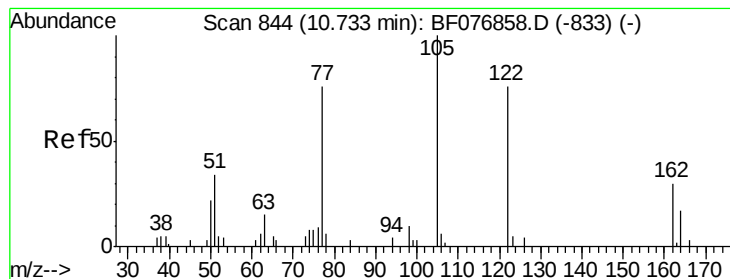
Tot Ion:180 Resp: 50723
 Ion Ratio Lower Upper
 180 100
 182 98.3 73.6 110.4
 145 36.0 26.6 39.8



#31
 Naphthalene
 Concen: 28.68 ng
 RT: 10.60 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion:128 Resp: 179030
 Ion Ratio Lower Upper
 128 100
 129 10.1 9.0 13.6
 127 13.5 10.2 15.2





#32

Benzoic acid

Concen: 3.67 ng

RT: 10.43 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

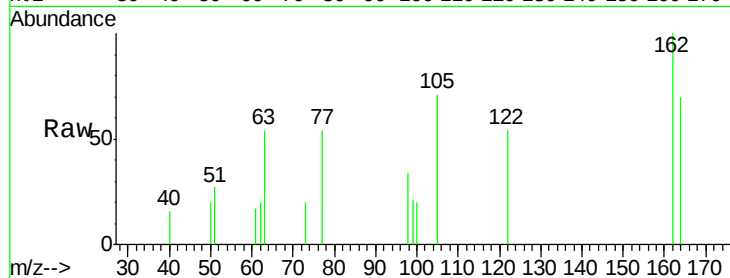
Tot Ion:122 Resp: 3503

Ion Ratio Lower Upper

122 100

105 132.1 111.3 151.3

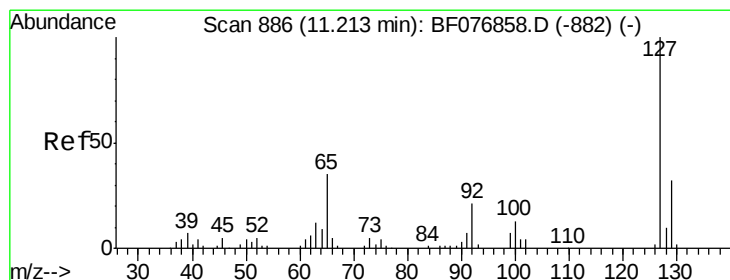
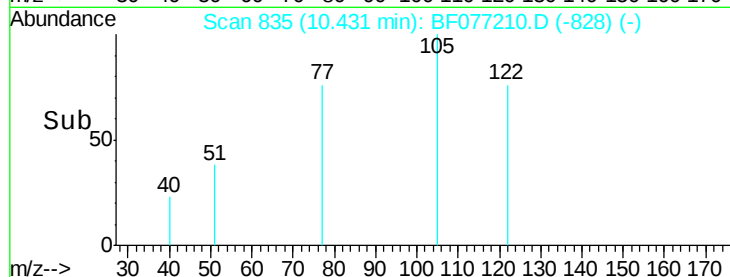
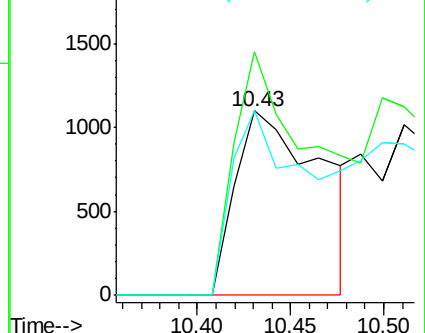
77 100.3 79.2 119.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 13.27 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:127 Resp: 33469

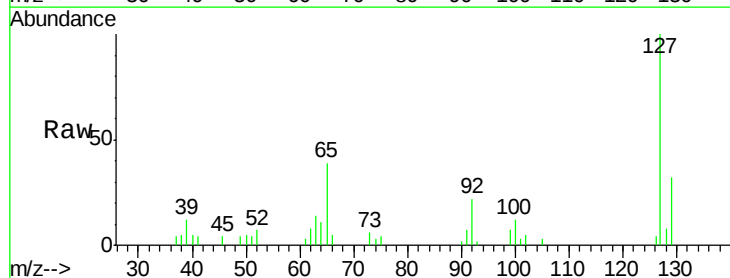
Ion Ratio Lower Upper

127 100

129 32.0 25.3 37.9

65 39.0 27.8 41.6

92 21.9 16.5 24.7

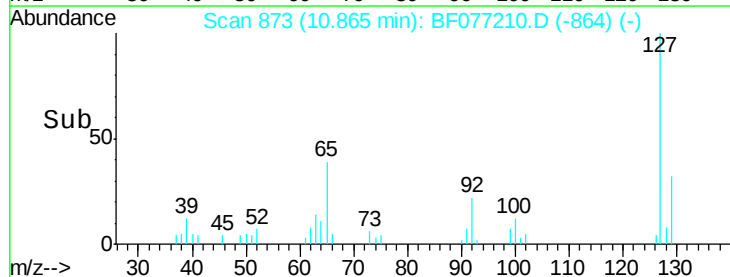
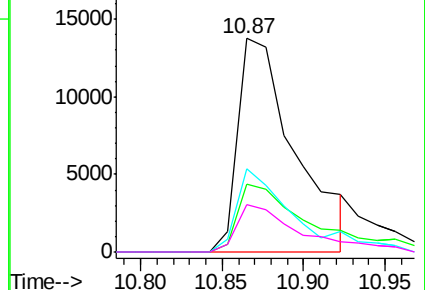


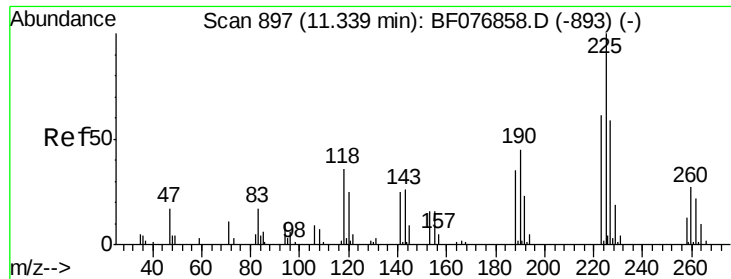
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

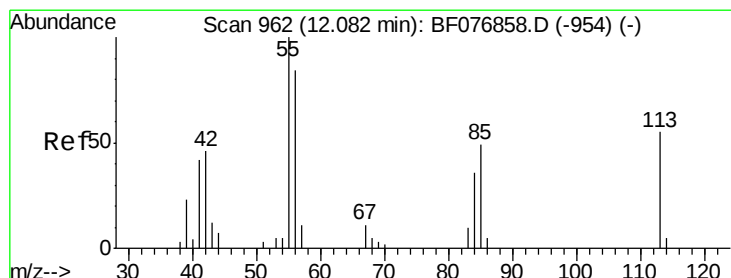
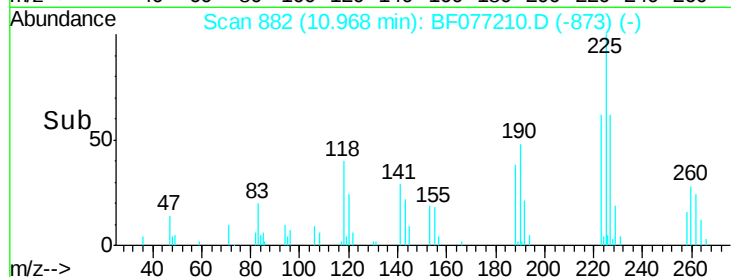
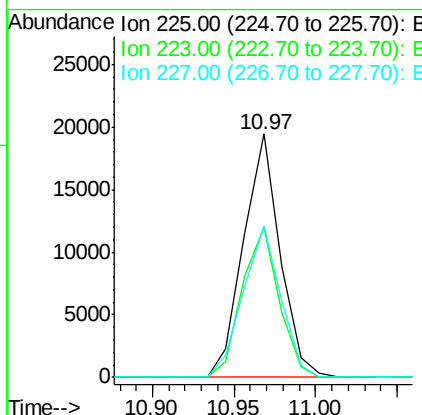
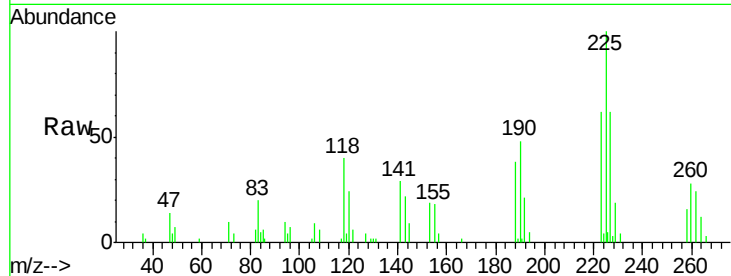




#34
Hexachlorobutadiene
Concen: 28.51 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

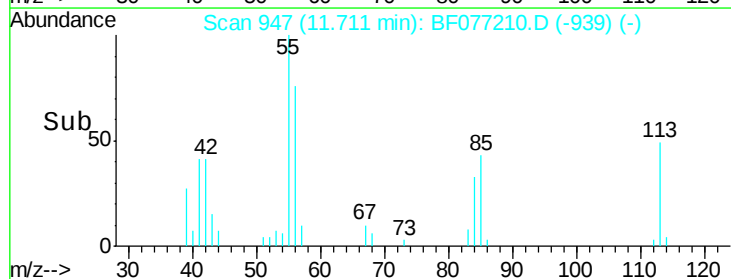
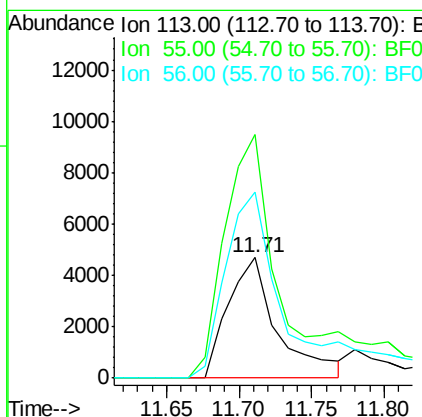
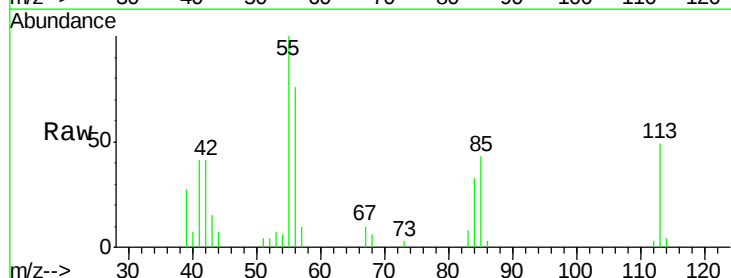
Instrument :
BNA_F
ClientSampleId :
PB81634BS

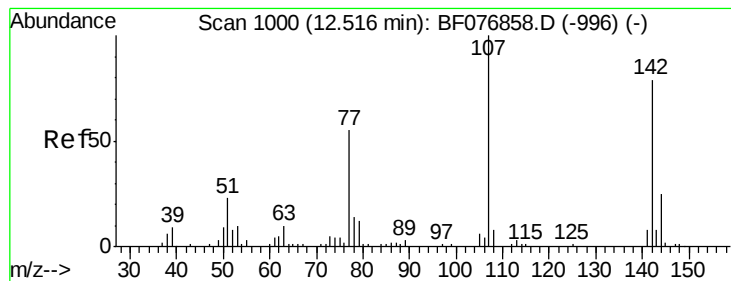
Tot Ion:225 Resp: 30187
Ion Ratio Lower Upper
225 100
223 61.8 49.1 73.7
227 62.5 47.5 71.3



#35
Caprolactam
Concen: 23.56 ng
RT: 11.71 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:113 Resp: 11144
Ion Ratio Lower Upper
113 100
55 202.5 162.1 202.1#
56 154.7 133.7 173.7





#36

4-Chloro-3-methylphenol

Concen: 27.43 ng

RT: 12.17 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

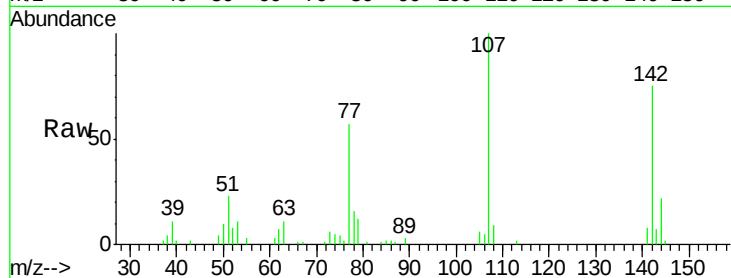
Tot Ion:107 Resp: 50466

Ion Ratio Lower Upper

107 100

144 21.7 20.0 30.0

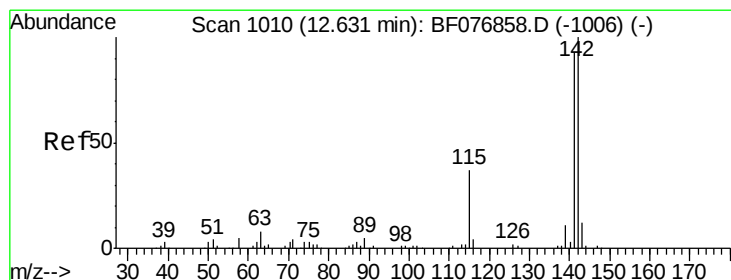
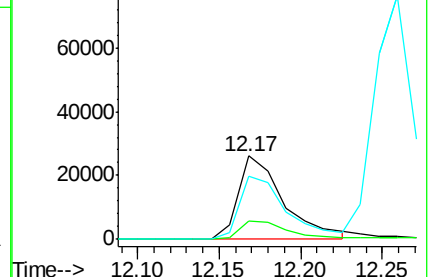
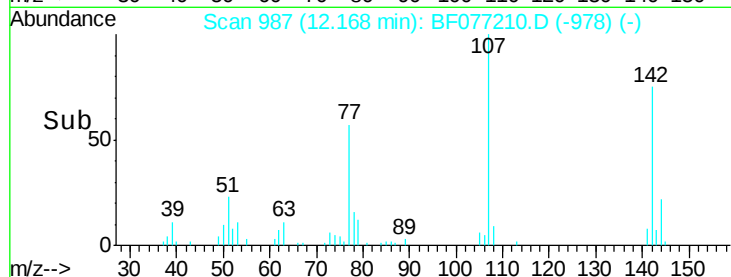
142 75.5 63.5 95.3



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 29.75 ng

RT: 12.26 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

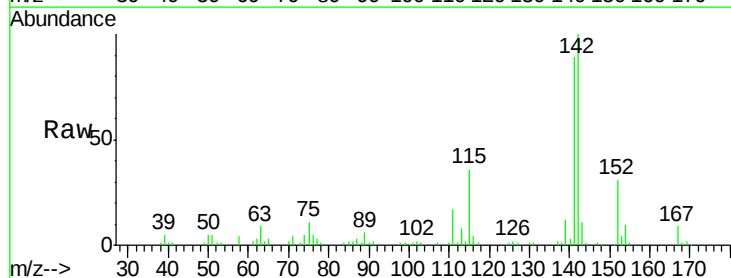
Tgt Ion:142 Resp: 126812

Ion Ratio Lower Upper

142 100

141 88.9 74.5 111.7

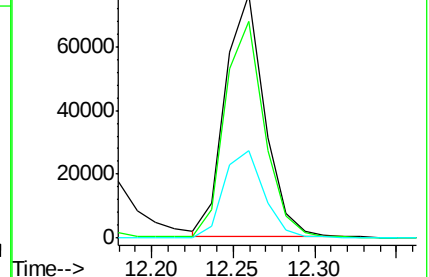
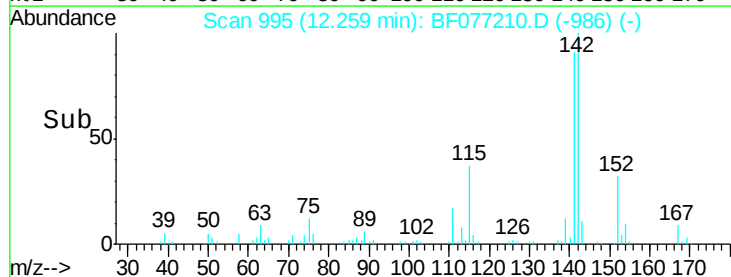
115 36.0 29.7 44.5

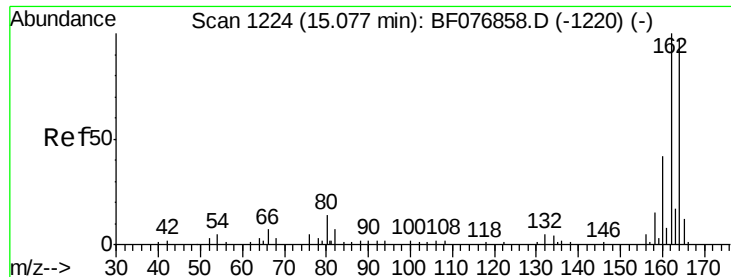


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

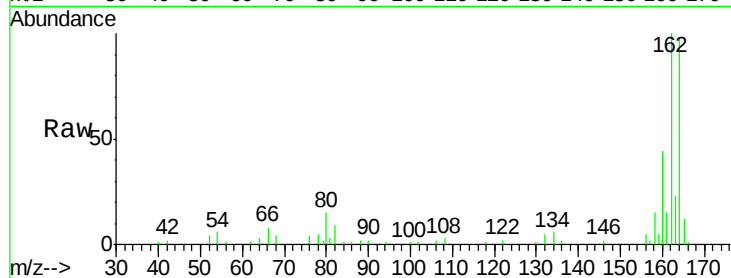
Tot Ion:164 Resp: 58768

Ion Ratio Lower Upper

164 100

162 102.5 82.4 123.6

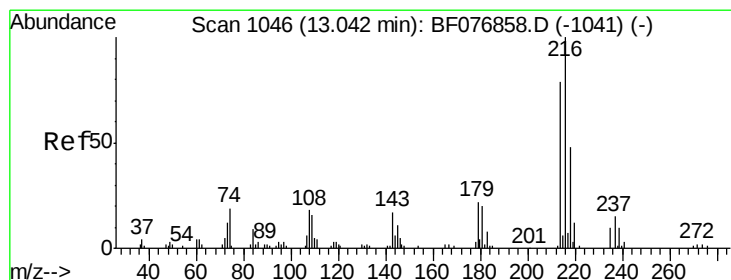
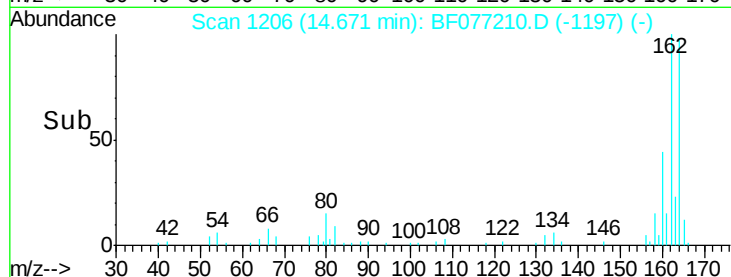
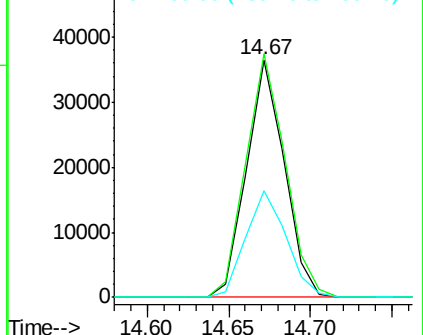
160 44.8 34.8 52.2



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: 33.10 ng

RT: 12.66 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:216 Resp: 48099

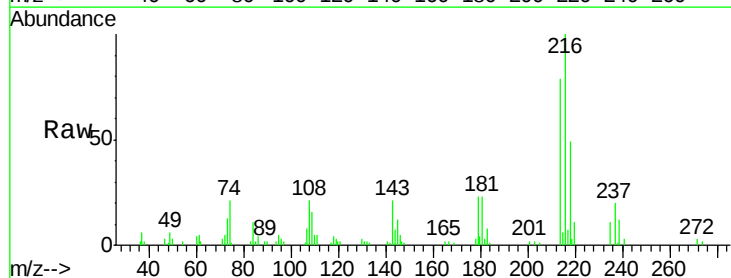
Ion Ratio Lower Upper

216 100

214 79.3 64.9 97.3

179 24.1 18.6 28.0

108 25.6 18.1 27.1

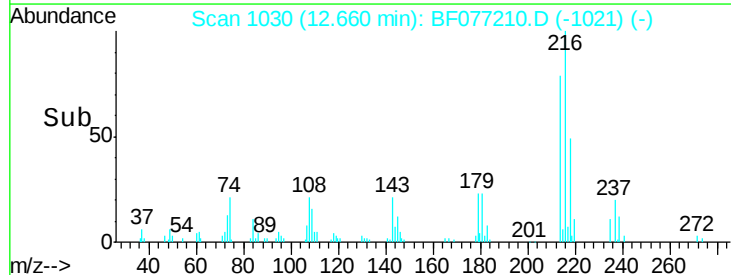
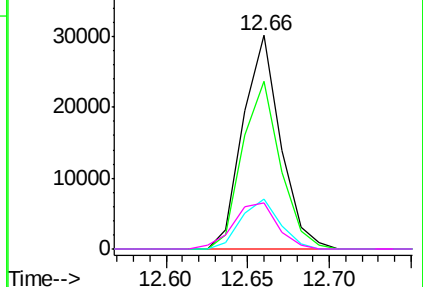


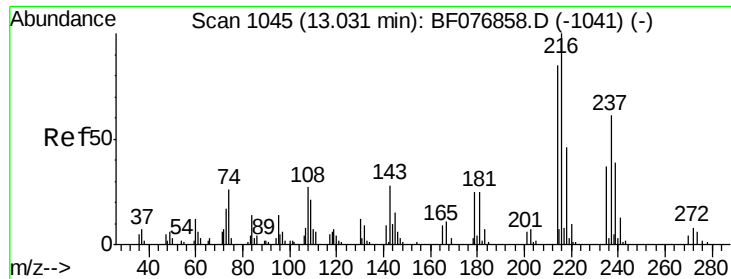
Abundance Ion 216.00 (215.70 to 216.70): E

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

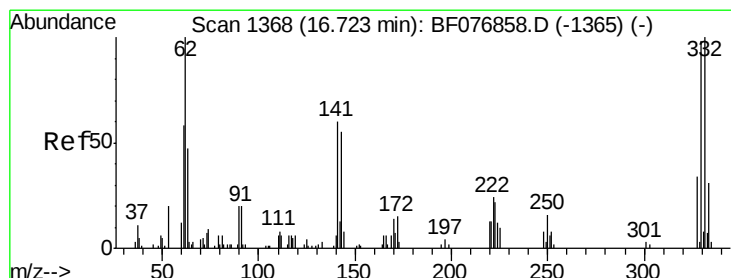
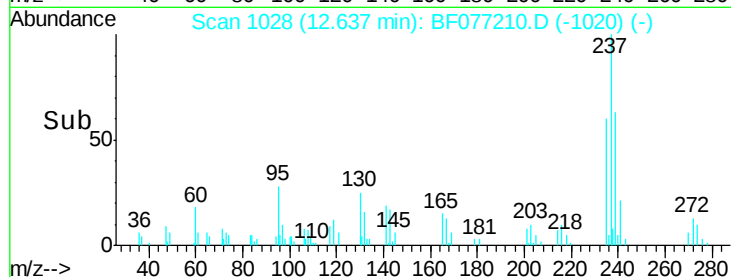
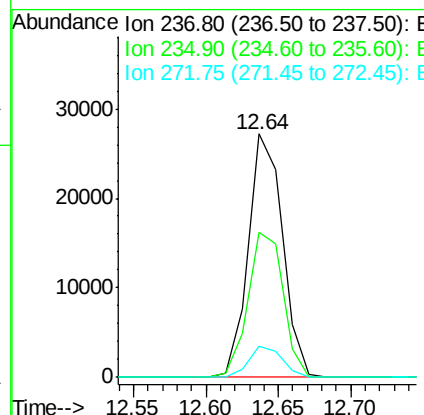
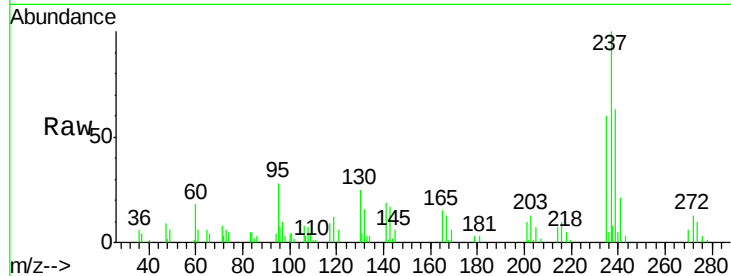




#40
Hexachlorocyclopentadiene
Concen: 58.23 ng
RT: 12.64 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

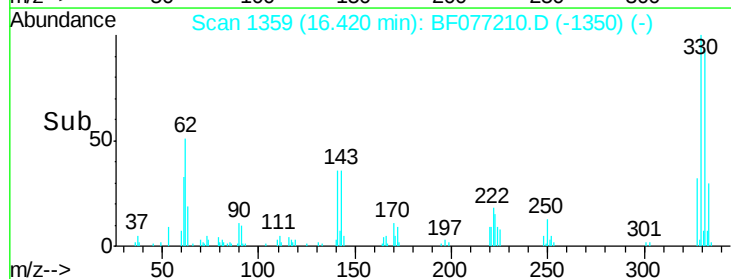
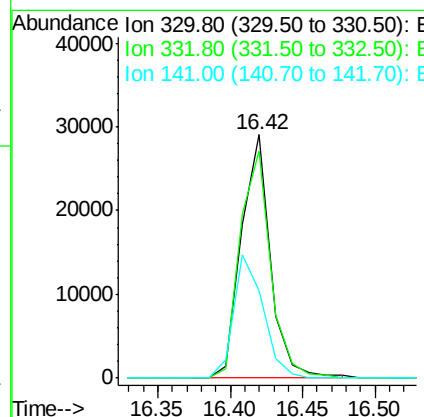
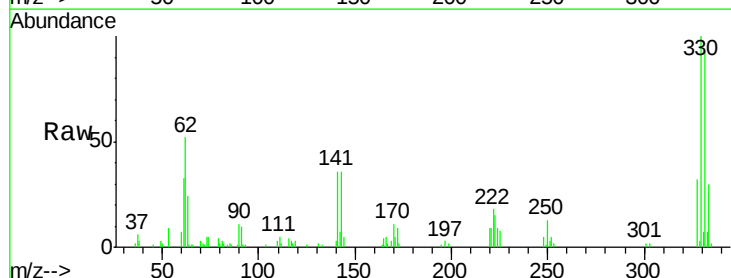
Instrument :
BNA_F
ClientSampleId :
PB81634BS

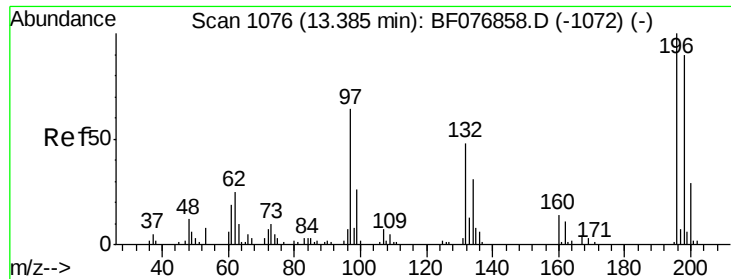
Tot Ion:237 Resp: 44509
Ion Ratio Lower Upper
237 100
235 59.6 40.4 80.4
272 12.7 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 85.32 ng
RT: 16.42 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:330 Resp: 40699
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.6
141 51.3 38.5 57.7

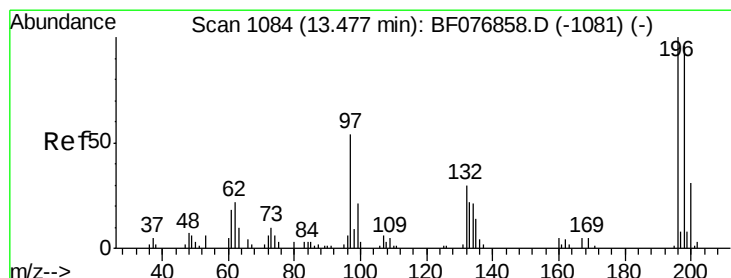
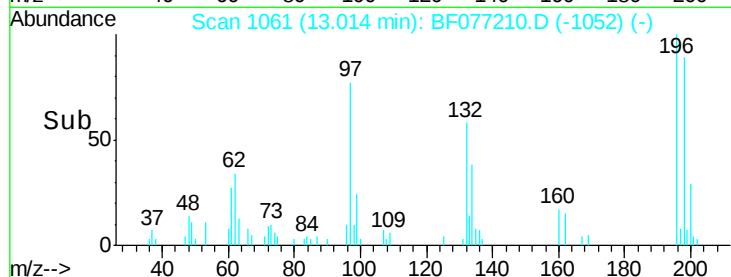
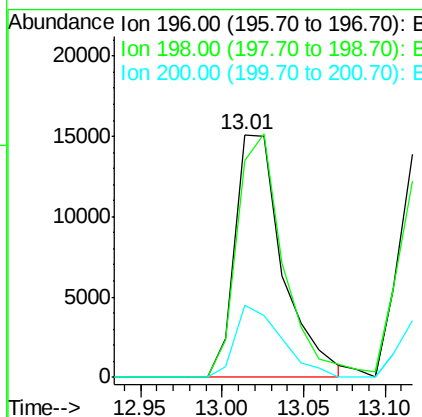
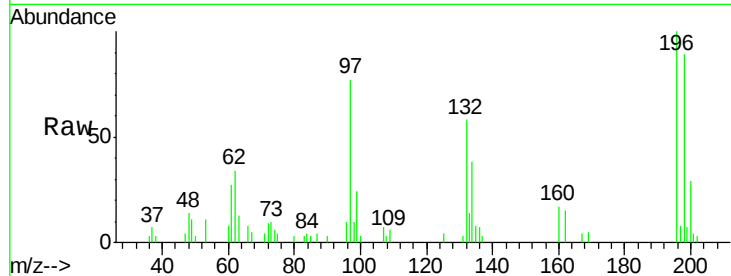




#42
 2,4,6-Trichlorophenol
 Concen: 28.91 ng
 RT: 13.01 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

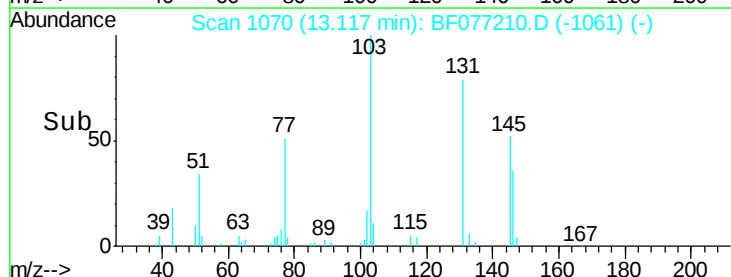
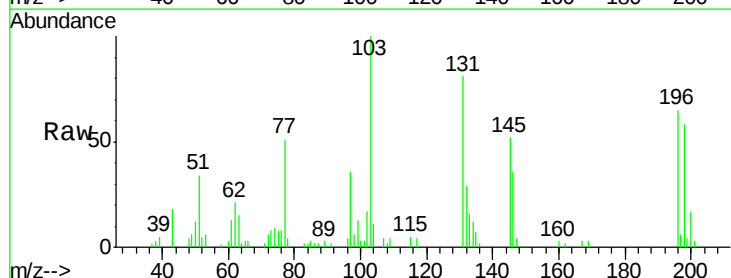
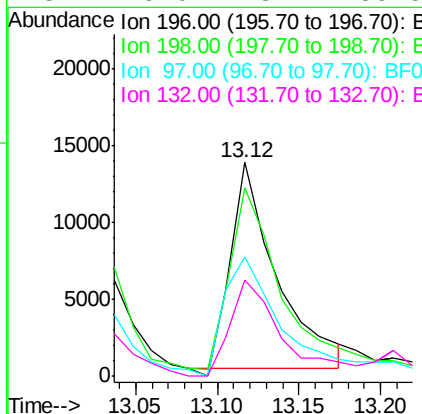
Instrument :
 BNA_F
 ClientSampled :
 PB81634BS

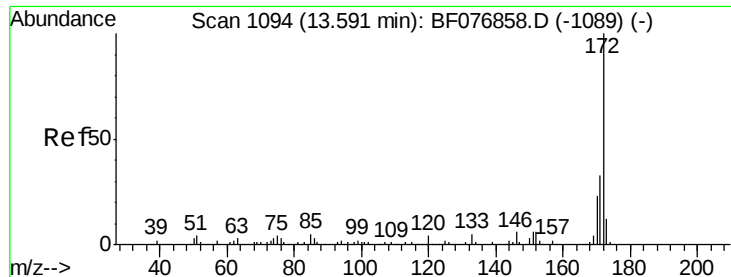
Tot Ion:196 Resp: 30606
 Ion Ratio Lower Upper
 196 100
 198 89.4 72.0 108.0
 200 29.5 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 23.95 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion:196 Resp: 25860
 Ion Ratio Lower Upper
 196 100
 198 87.9 76.6 115.0
 97 55.7 43.4 65.0
 132 45.0 23.7 35.5#

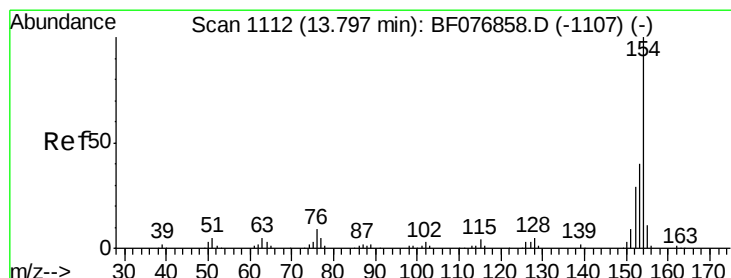
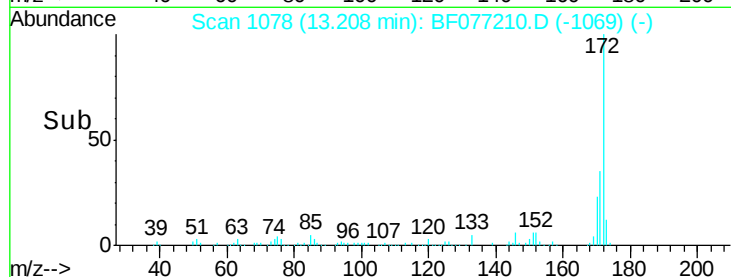
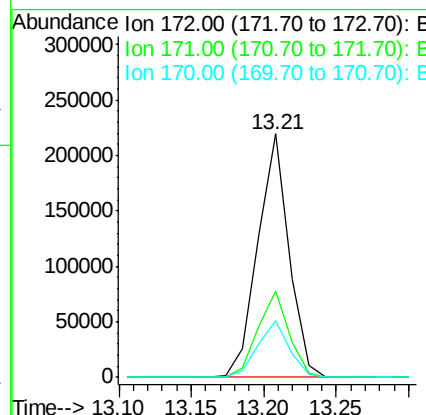
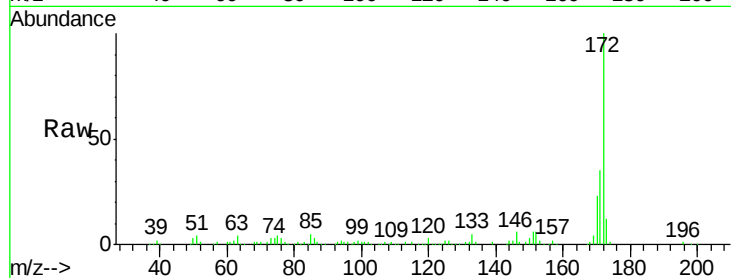




#44
2-Fluorobiphenyl
Concen: 84.45 ng
RT: 13.21 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

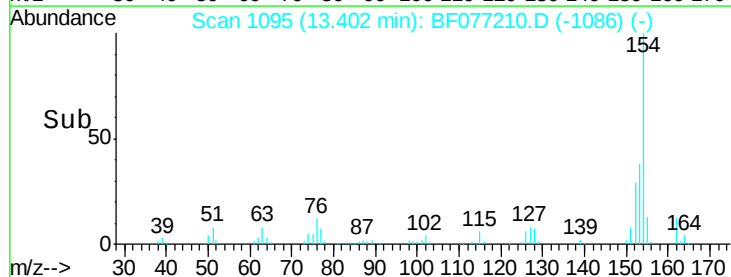
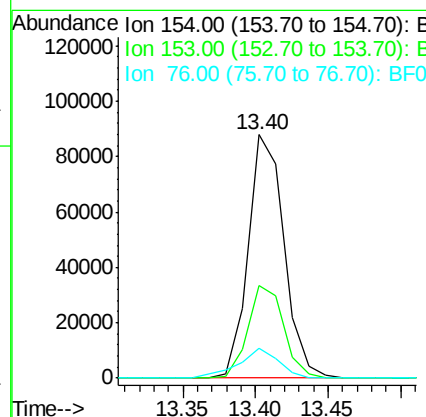
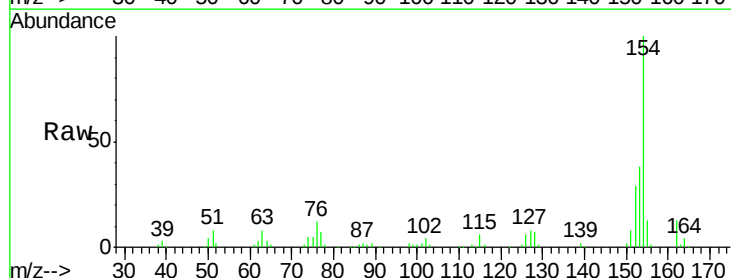
Instrument :
BNA_F
ClientSampleId :
PB81634BS

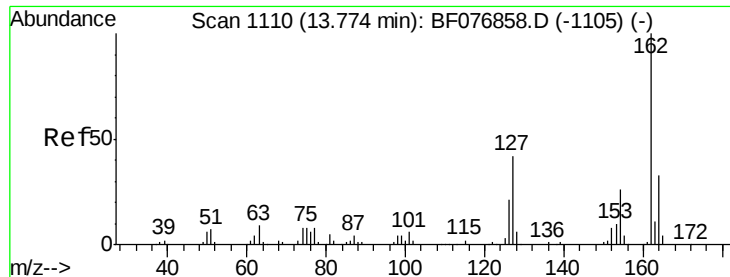
Tot Ion:172 Resp: 326119
Ion Ratio Lower Upper
172 100
171 35.4 26.6 40.0
170 23.1 18.0 27.0



#45
1,1'-Biphenyl
Concen: 34.43 ng
RT: 13.40 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:154 Resp: 150019
Ion Ratio Lower Upper
154 100
153 38.2 20.2 60.2
76 12.0 0.0 29.0

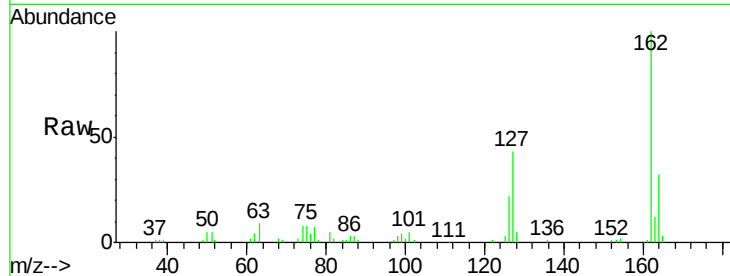




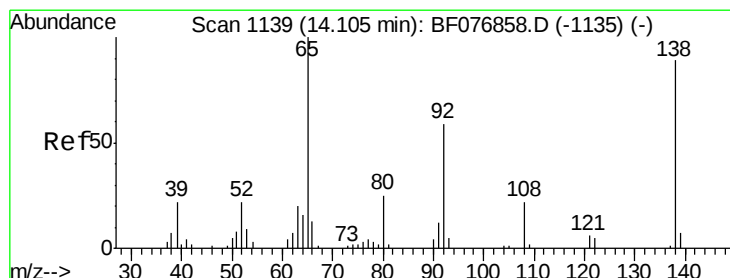
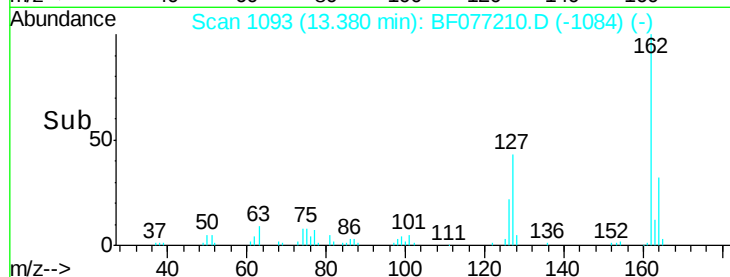
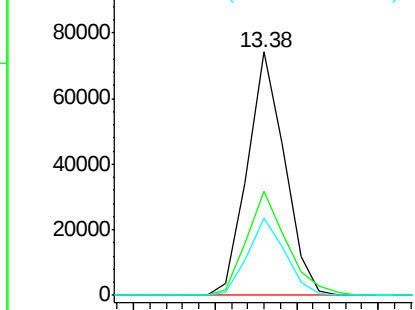
#46
2-Chloronaphthalene
Concen: 32.79 ng
RT: 13.38 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tot Ion:162 Resp: 117573
Ion Ratio Lower Upper
162 100
127 42.6 33.8 50.6
164 31.7 26.8 40.2

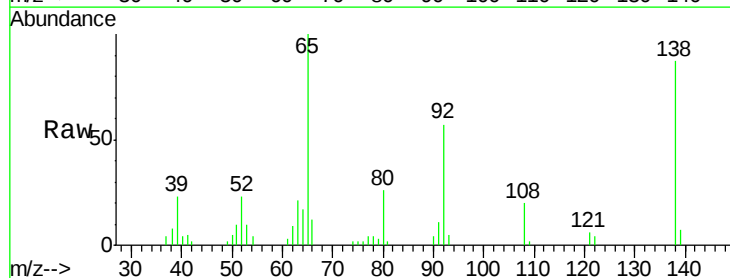


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

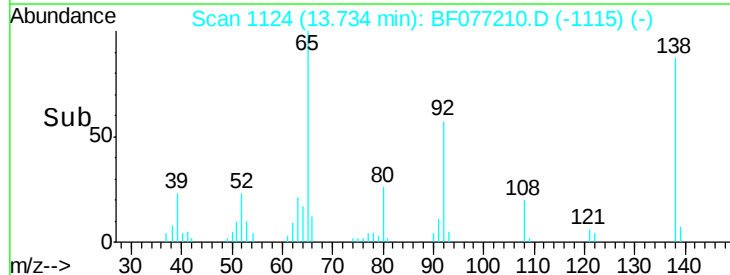
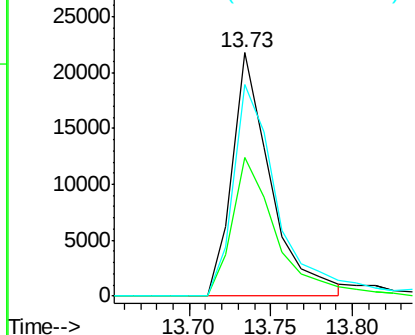


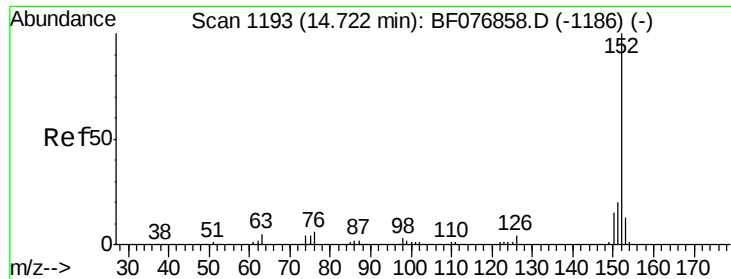
#47
2-Nitroaniline
Concen: 32.68 ng
RT: 13.73 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion: 65 Resp: 35545
Ion Ratio Lower Upper
65 100
92 57.1 47.3 70.9
138 87.1 71.4 107.2



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





#48

Acenaphthylene

Concen: 31.96 ng

RT: 14.33 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampled :

PB81634BS

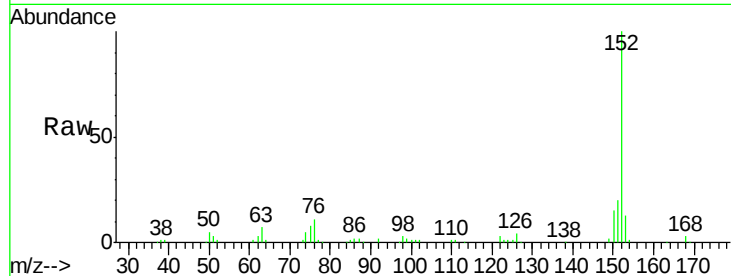
Tot Ion:152 Resp: 193274

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

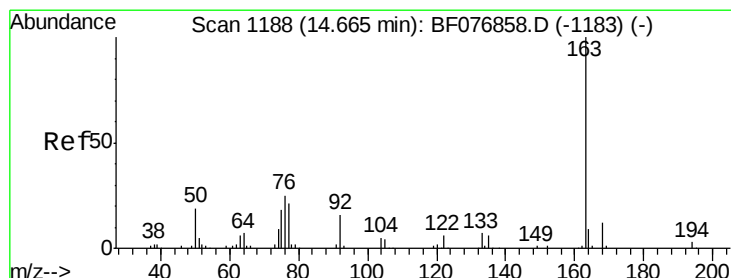
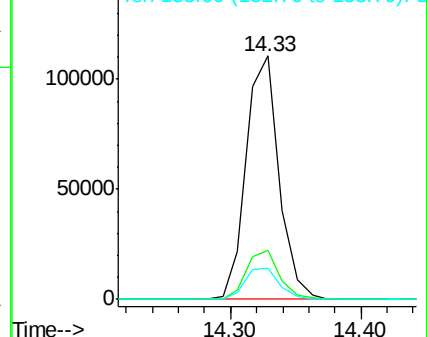
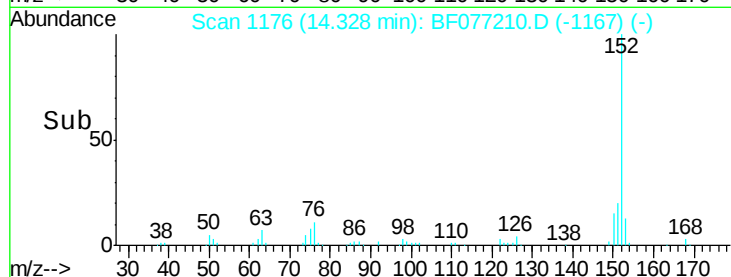
153 12.6 10.2 15.4



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: 34.40 ng

RT: 14.29 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

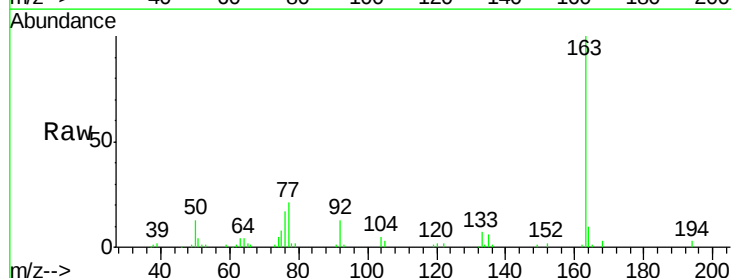
Tgt Ion:163 Resp: 143368

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

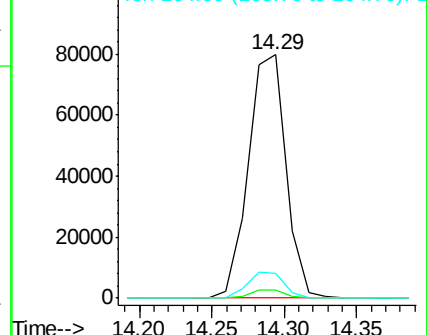
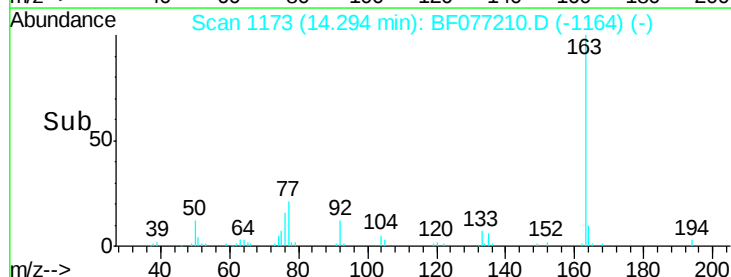
164 10.1 7.5 11.3

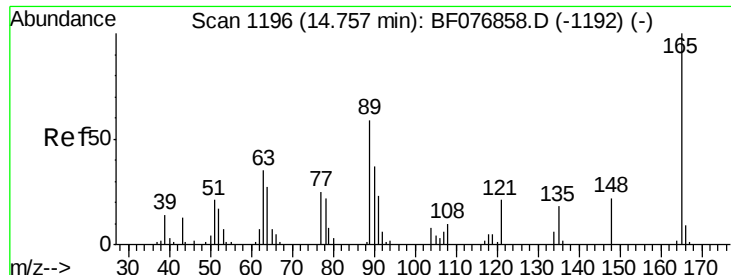


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

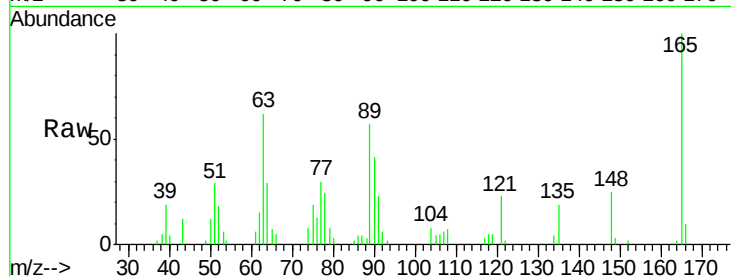




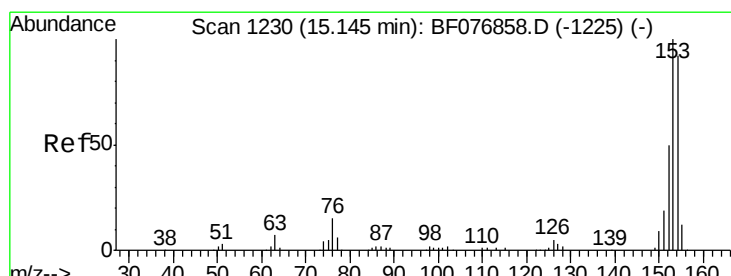
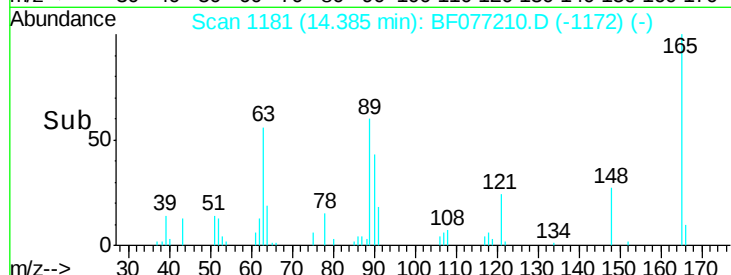
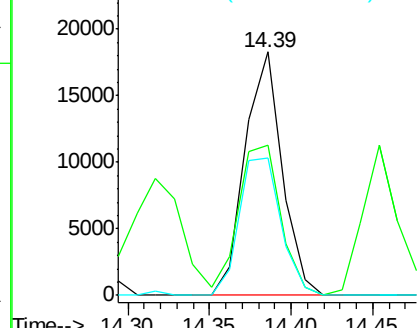
#50
 2,6-Dinitrotoluene
 Concen: 34.59 ng
 RT: 14.39 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Instrument :
 BNA_F
 ClientSampleID :
 PB81634BS

Tot Ion:165 Resp: 28806
 Ion Ratio Lower Upper
 165 100
 63 61.5 48.1 72.1
 89 56.6 47.2 70.8

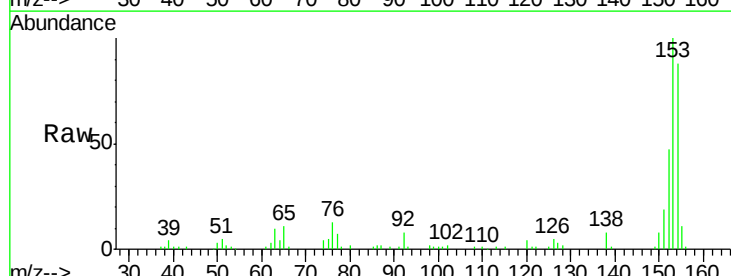


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

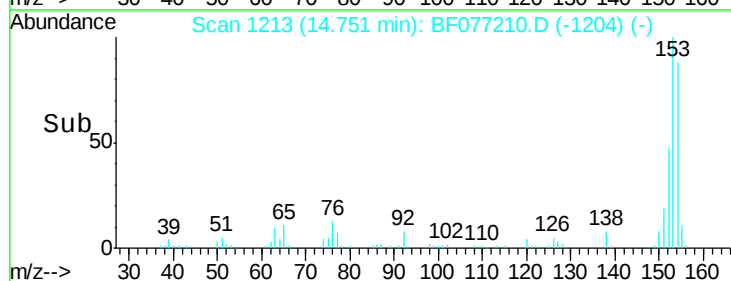
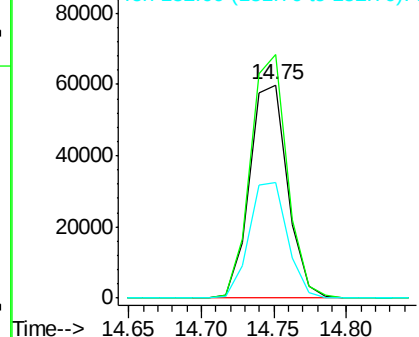


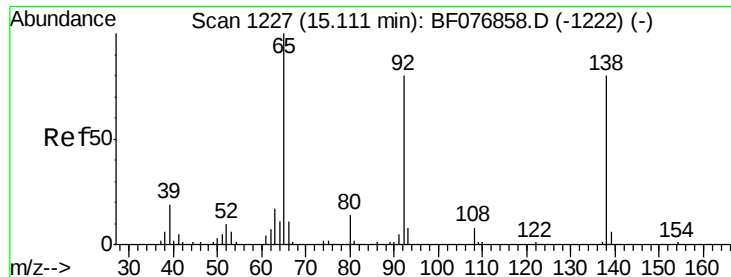
#51
 Acenaphthene
 Concen: 31.62 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion:154 Resp: 108474
 Ion Ratio Lower Upper
 154 100
 153 114.2 87.0 130.6
 152 53.9 43.5 65.3



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

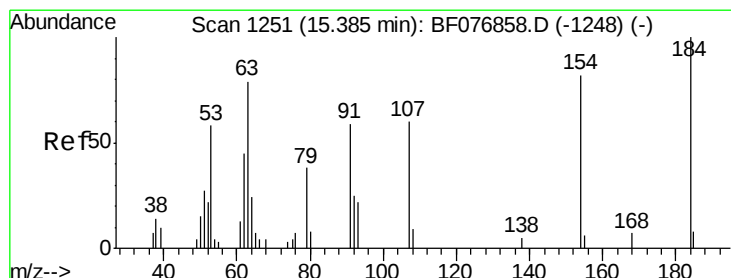
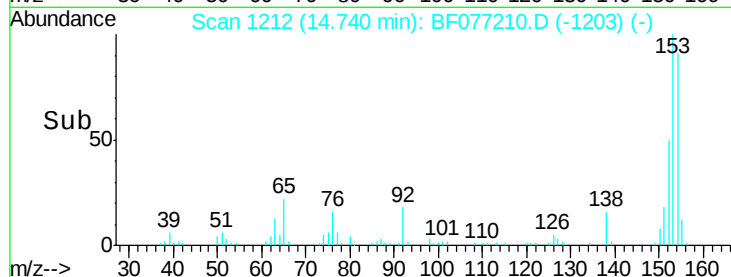
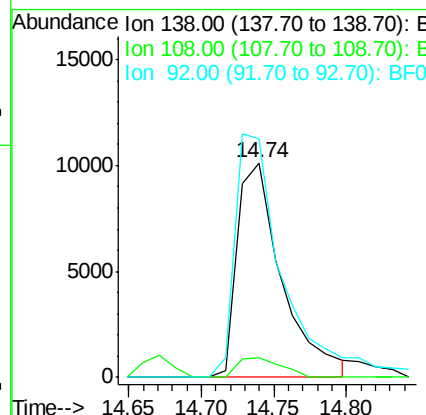
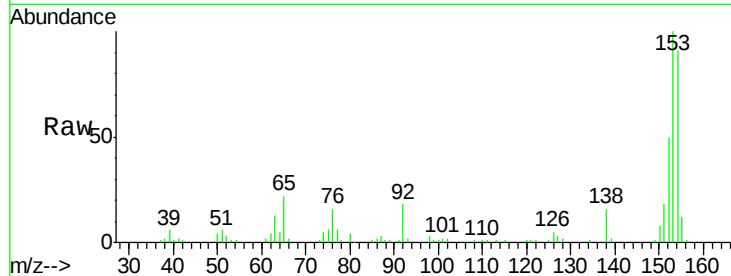




#52
3-Nitroaniline
Concen: 20.98 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

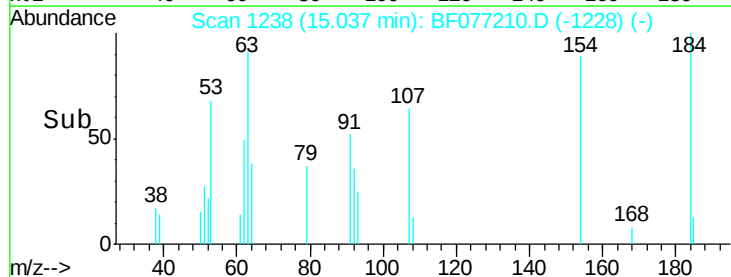
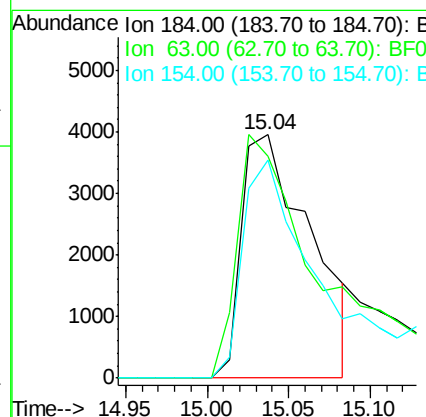
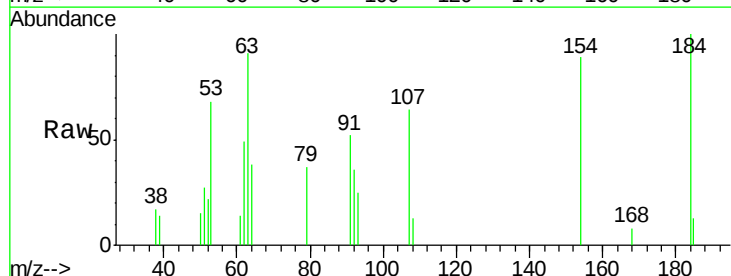
Instrument :
BNA_F
ClientSampleId :
PB81634BS

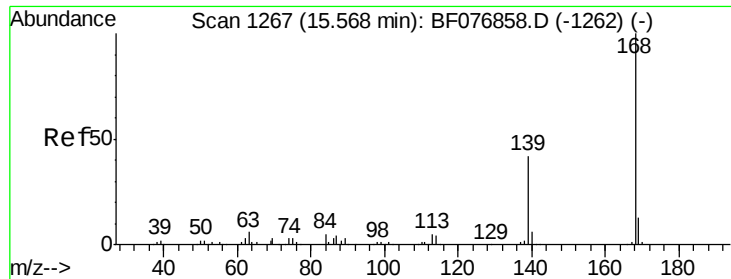
Tot Ion:138 Resp: 21657
Ion Ratio Lower Upper
138 100
108 9.0 8.3 12.5
92 110.9 80.9 121.3



#53
2,4-Dinitrophenol
Concen: 37.13 ng
RT: 15.04 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:184 Resp: 11626
Ion Ratio Lower Upper
184 100
63 91.0 63.0 94.6
154 89.4 65.5 98.3

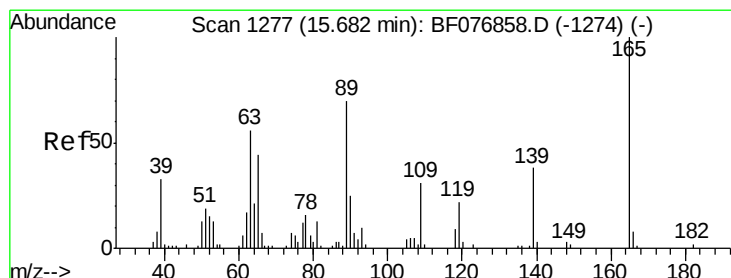
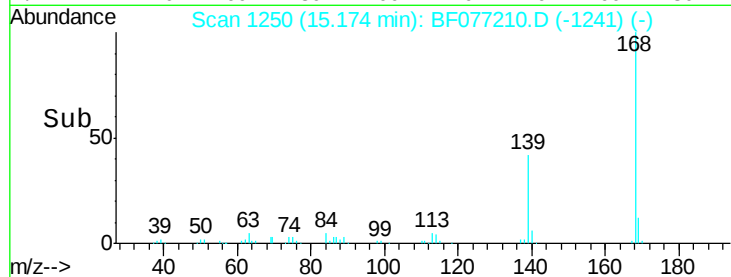
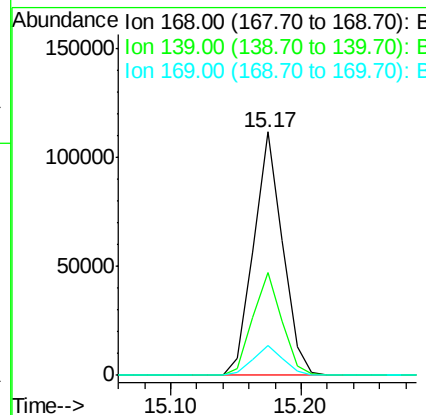
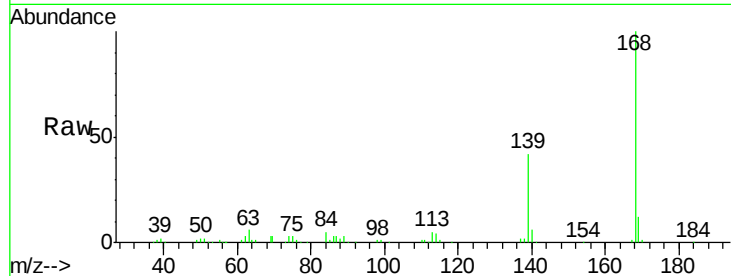




#54
Dibenzofuran
Concen: 34.80 ng
RT: 15.17 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

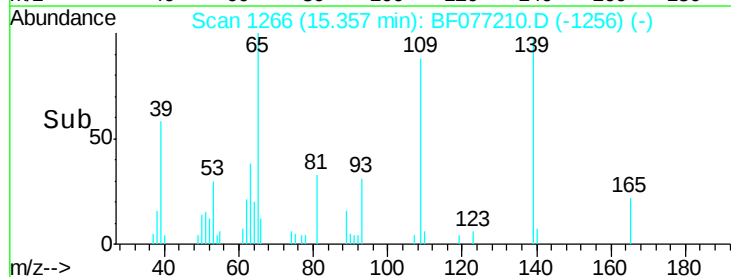
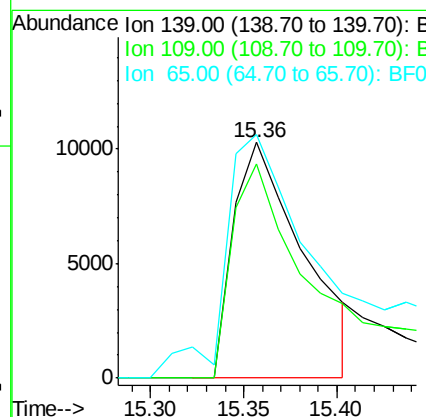
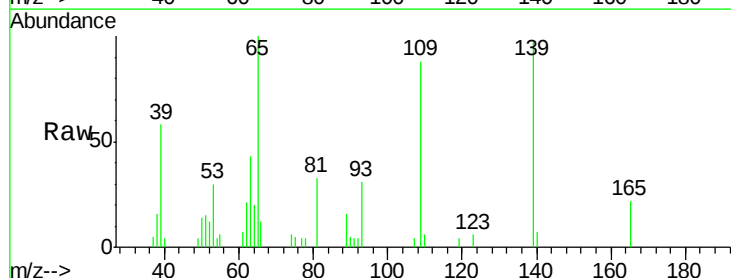
Instrument :
BNA_F
ClientSampleId :
PB81634BS

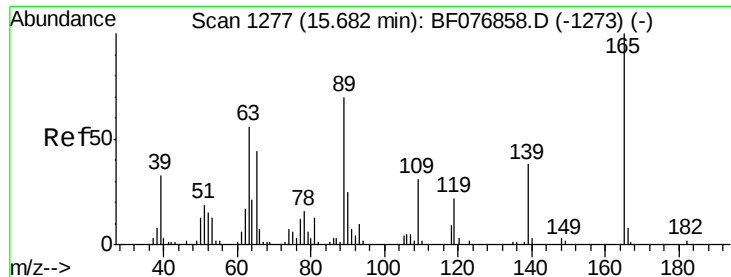
Tot Ion:168 Resp: 173917
Ion Ratio Lower Upper
168 100
139 42.1 33.4 50.2
169 12.5 10.6 15.8



#55
4-Nitrophenol
Concen: 41.11 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:139 Resp: 26860
Ion Ratio Lower Upper
139 100
109 90.9 61.0 101.0
65 103.4 96.6 136.6





#56

2,4-Dinitrotoluene

Concen: 32.98 ng

RT: 15.32 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

Tot Ion:165 Resp: 40306

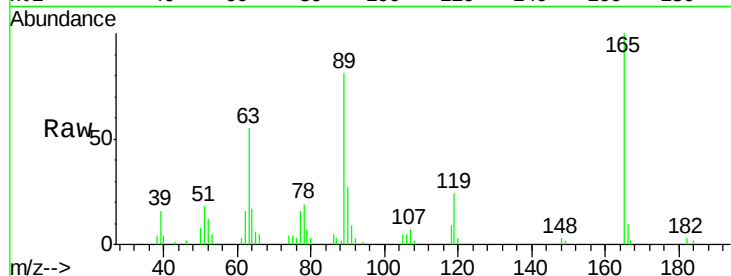
Ion Ratio Lower Upper

165 100

63 54.5 44.8 67.2

89 81.2 56.2 84.2

182 2.6 1.5 2.3#

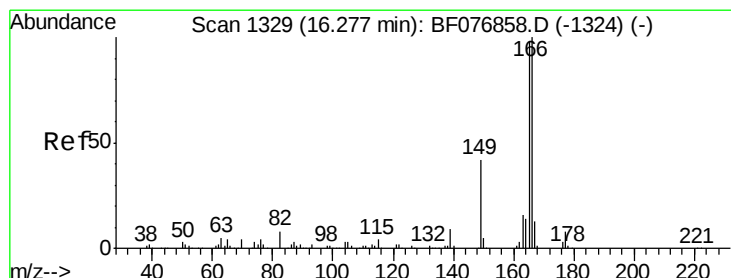
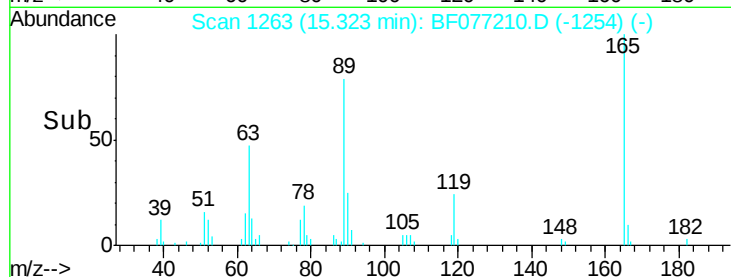
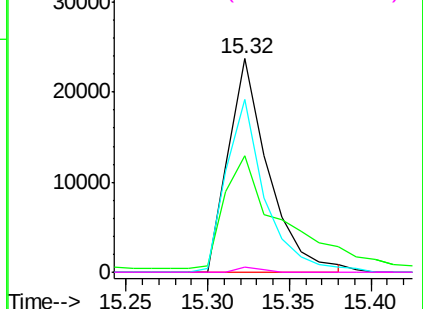


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 32.98 ng

RT: 15.94 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

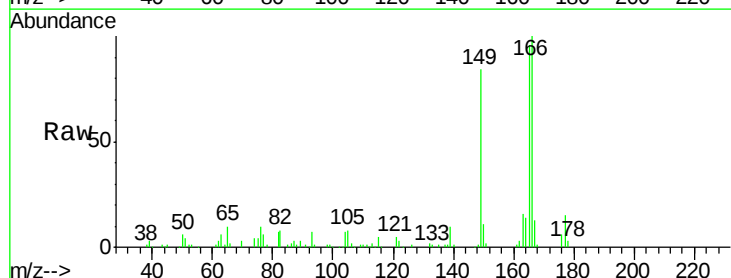
Tgt Ion:166 Resp: 139641

Ion Ratio Lower Upper

166 100

165 96.2 78.5 117.7

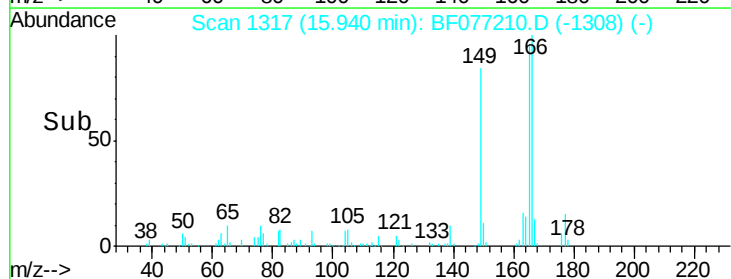
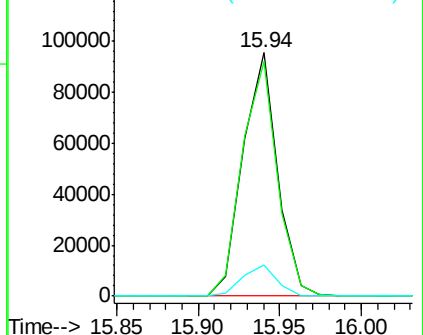
167 12.9 10.4 15.6

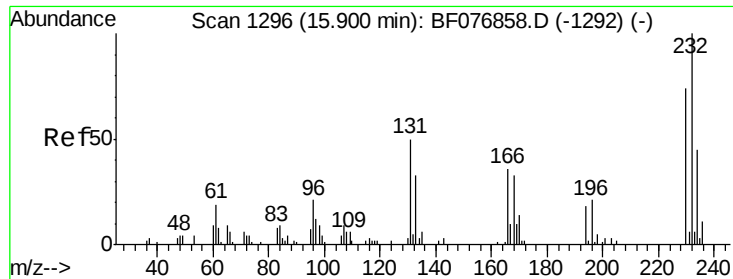


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

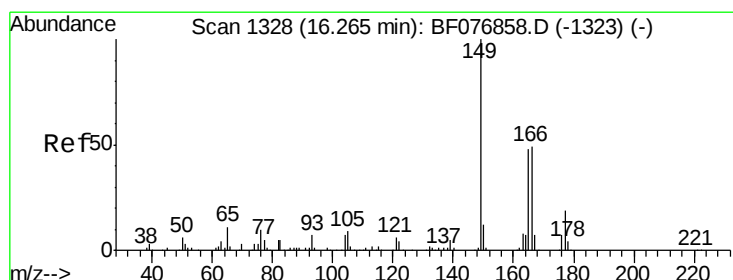
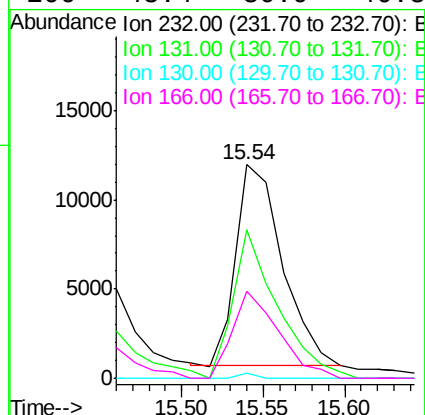
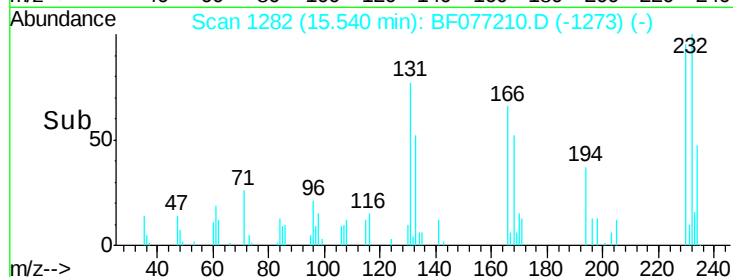
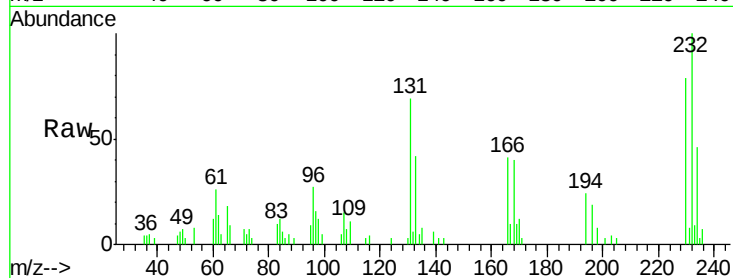




#58
2,3,4,6-Tetrachlorophenol
Concen: 28.07 ng
RT: 15.54 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

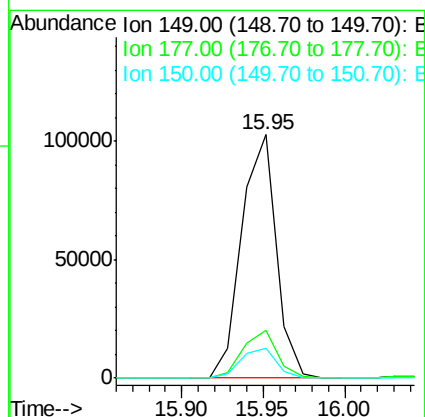
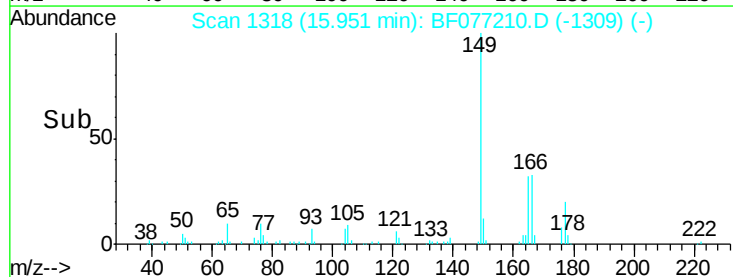
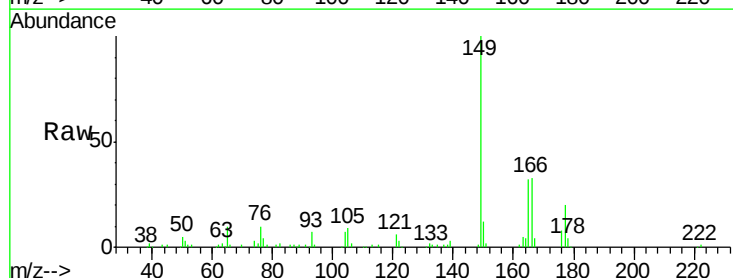
Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tot Ion:232 Resp: 22065
Ion Ratio Lower Upper
232 100
131 62.1 45.0 67.6
130 1.0 2.6 3.8#
166 43.4 30.9 46.3



#59
Diethylphthalate
Concen: 35.78 ng
RT: 15.95 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:149 Resp: 150722
Ion Ratio Lower Upper
149 100
177 19.6 15.0 22.6
150 12.3 9.4 14.0

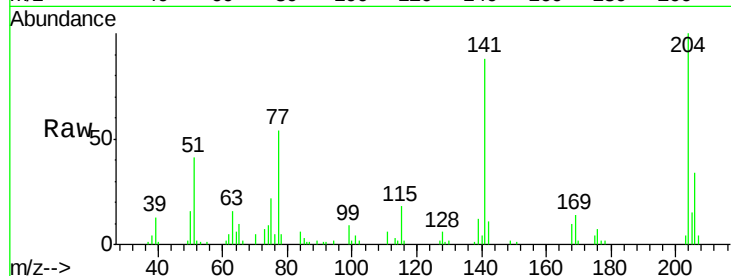




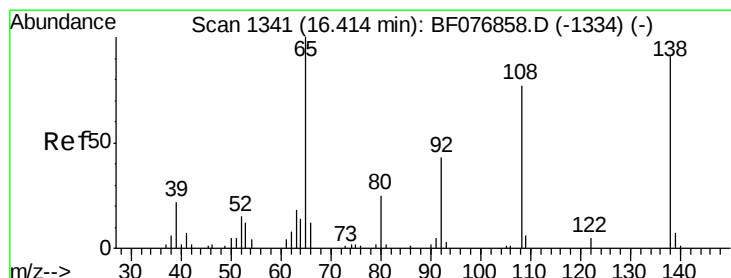
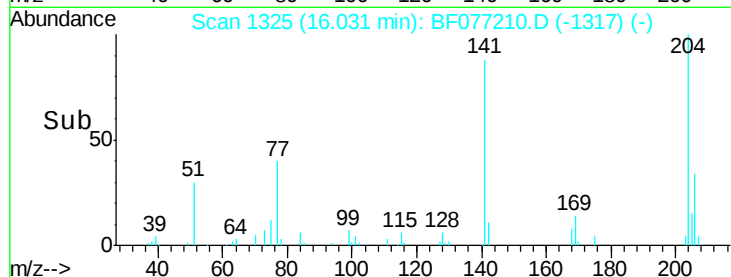
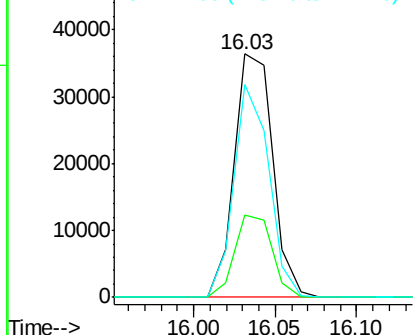
#60
4-Chlorophenyl-phenylether
Concen: 34.20 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tot Ion:204 Resp: 59252
Ion Ratio Lower Upper
204 100
206 33.8 24.2 36.2
141 87.6 66.7 100.1

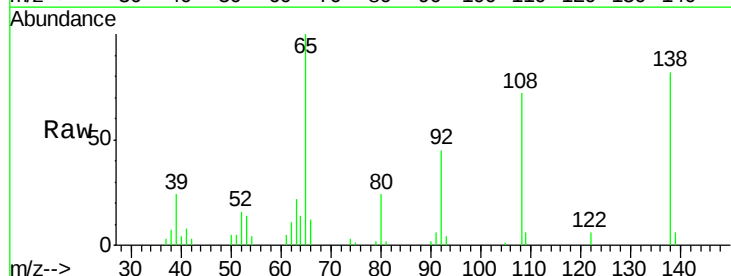


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

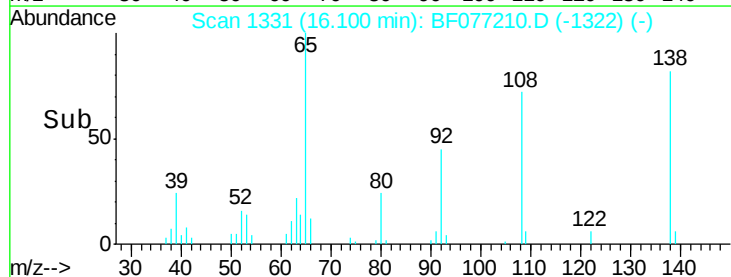
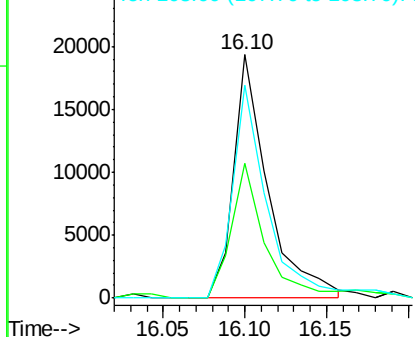


#61
4-Nitroaniline
Concen: 27.41 ng
RT: 16.10 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:138 Resp: 28111
Ion Ratio Lower Upper
138 100
92 55.3 26.7 66.7
108 87.6 64.5 104.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

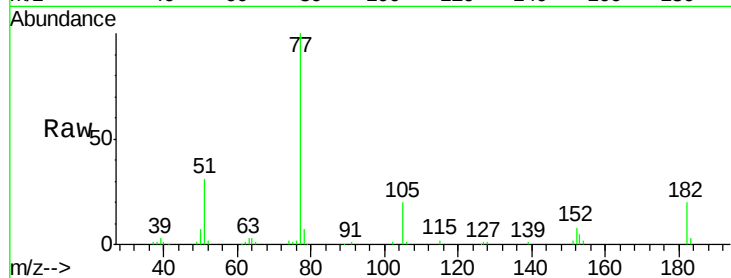




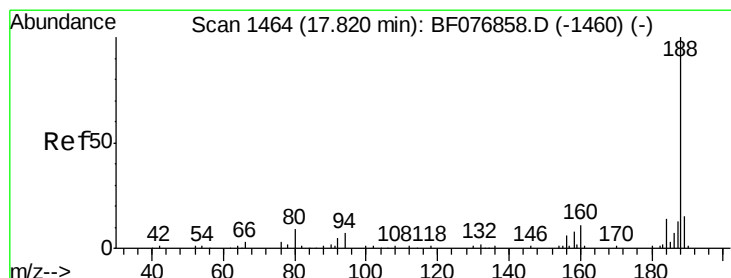
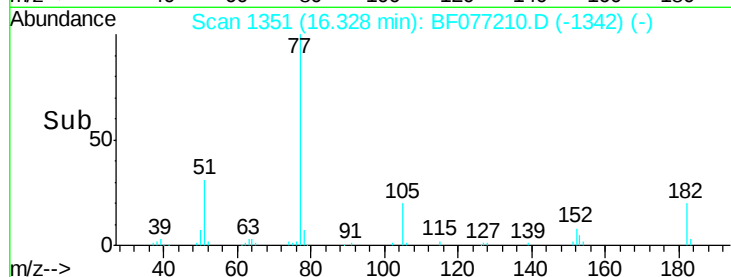
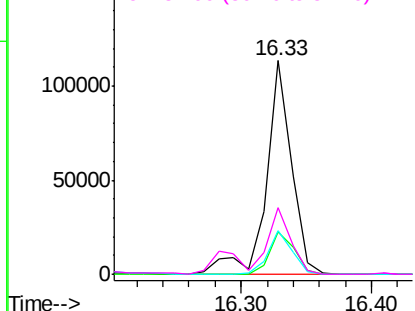
#62
Azobenzene
Concen: 35.42 ng
RT: 16.33 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tot Ion: 77 Resp: 155453
Ion Ratio Lower Upper
77 100
182 19.7 2.0 42.0
105 20.1 2.3 42.3
51 31.0 10.7 50.7

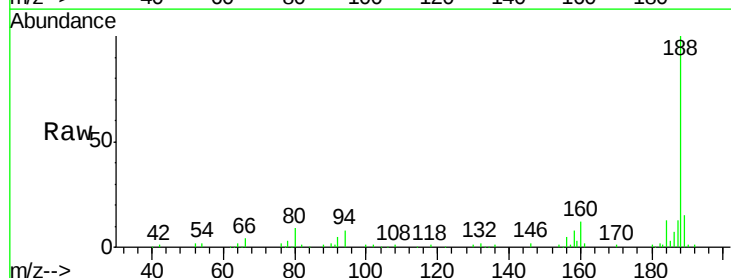


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

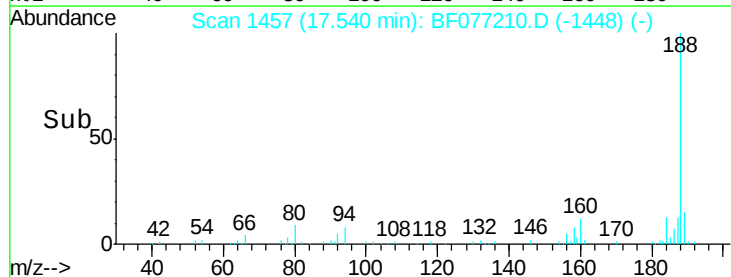
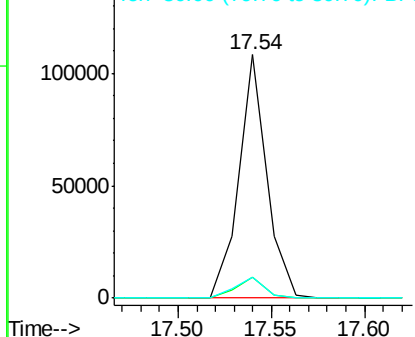


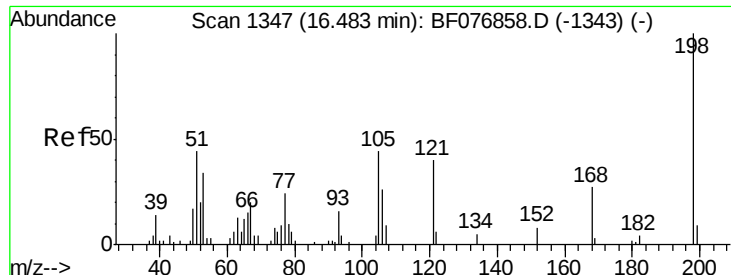
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion: 188 Resp: 112896
Ion Ratio Lower Upper
188 100
94 8.4 6.0 9.0
80 8.7 6.9 10.3



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

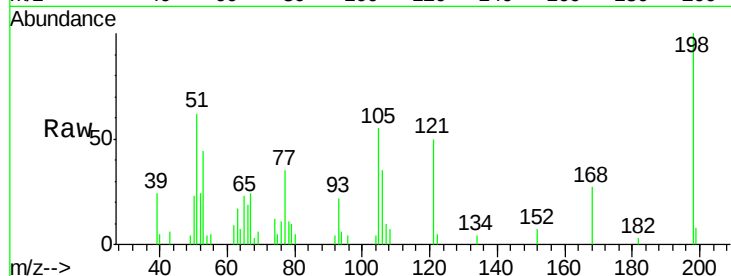




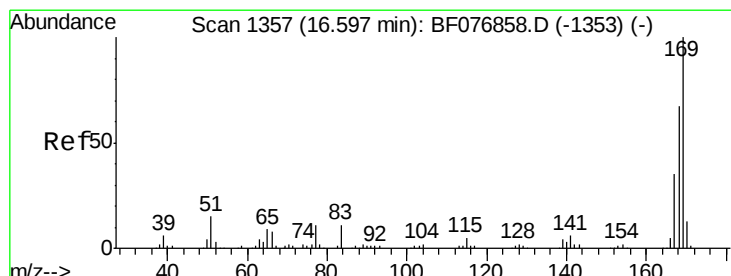
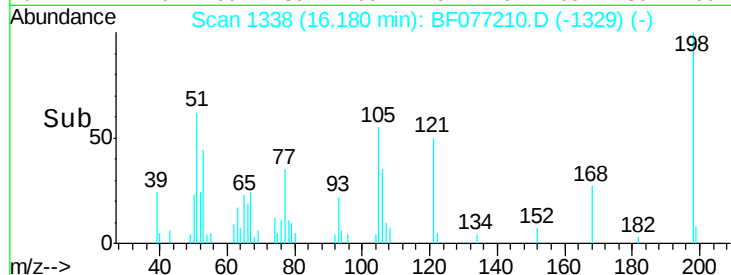
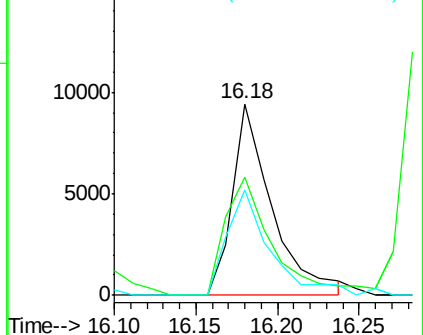
#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.63 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

Tot Ion:198 Resp: 15839
 Ion Ratio Lower Upper
 198 100
 51 62.0 24.2 64.2
 105 54.9 24.0 64.0

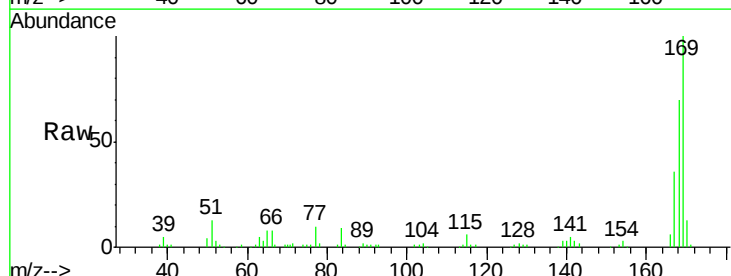


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

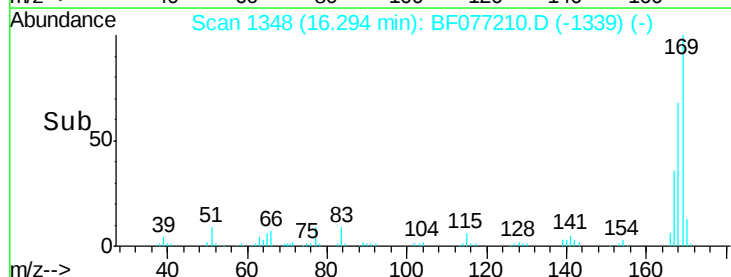
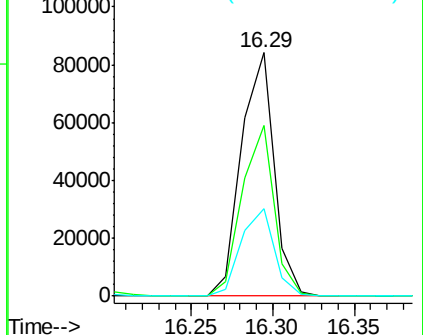


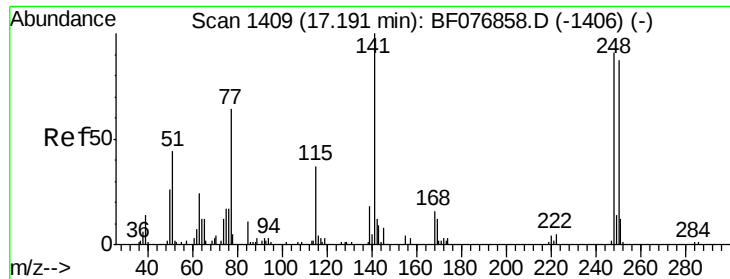
#65
 n-Nitrosodiphenylamine
 Concen: 29.07 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion:169 Resp: 117036
 Ion Ratio Lower Upper
 169 100
 168 70.0 53.8 80.6
 167 35.9 27.8 41.6



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

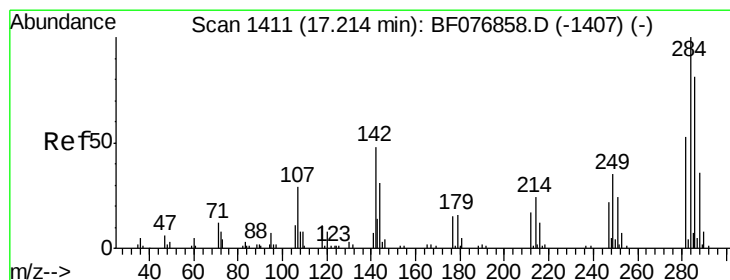
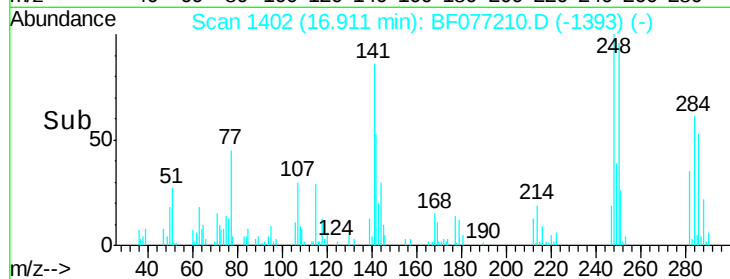
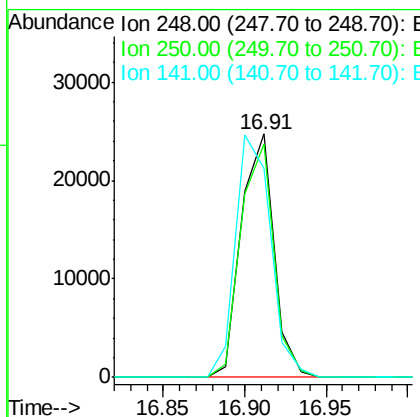
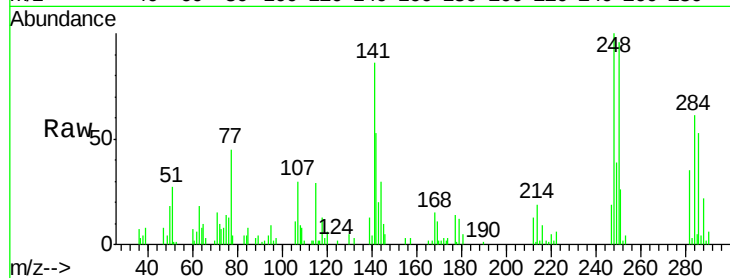




#66
4-Bromophenyl-phenylether
Concen: 29.92 ng
RT: 16.91 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

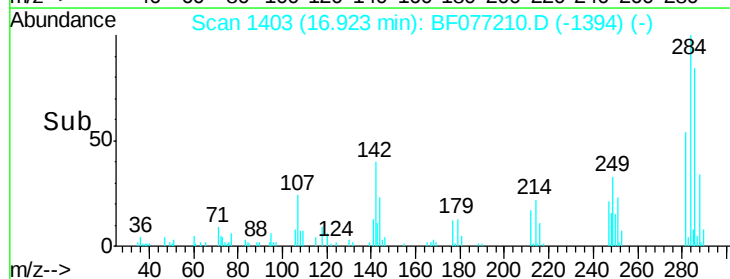
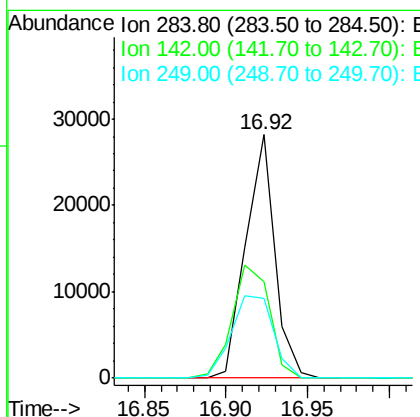
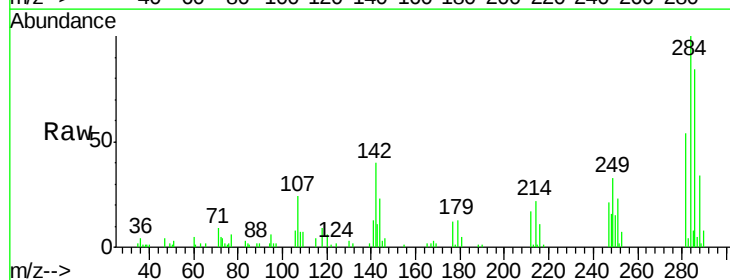
Instrument :
BNA_F
ClientSampleId :
PB81634BS

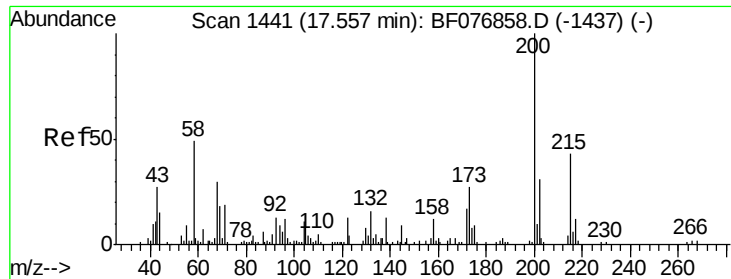
Tot Ion:248 Resp: 34222
Ion Ratio Lower Upper
248 100
250 96.0 77.1 115.7
141 86.1 88.2 132.4#



#67
Hexachlorobenzene
Concen: 28.89 ng
RT: 16.92 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:284 Resp: 34822
Ion Ratio Lower Upper
284 100
142 39.6 38.2 57.4
249 32.7 28.2 42.2

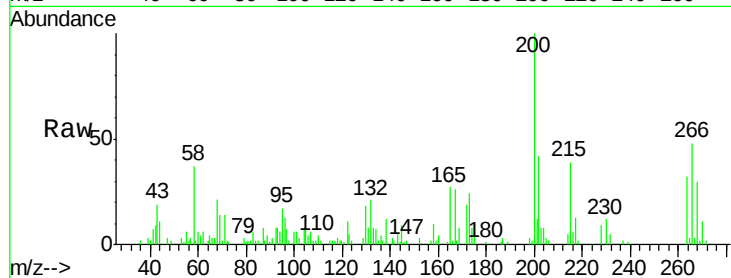




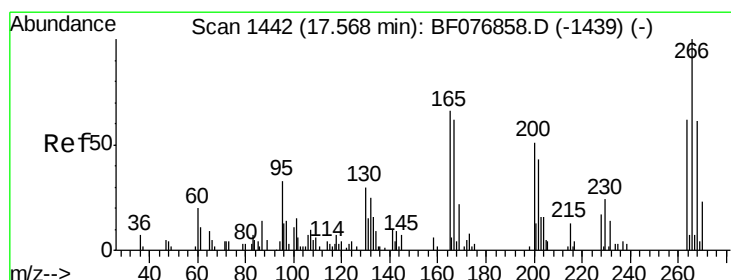
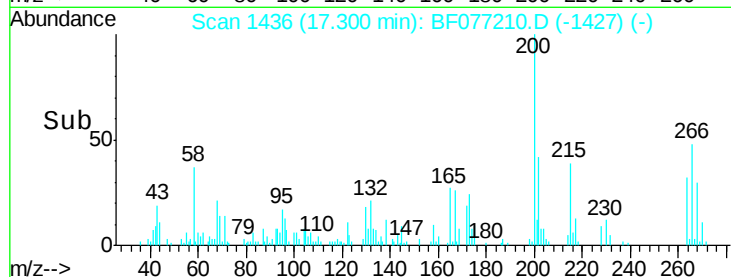
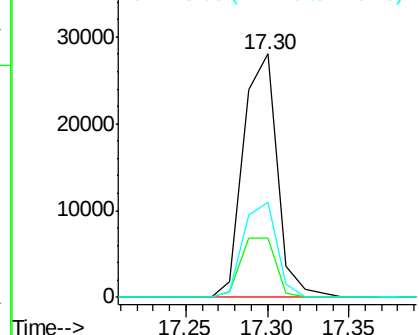
#68
Atrazine
Concen: 33.12 ng
RT: 17.30 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tot Ion:200 Resp: 40457
Ion Ratio Lower Upper
200 100
173 24.4 6.6 46.6
215 38.9 22.9 62.9

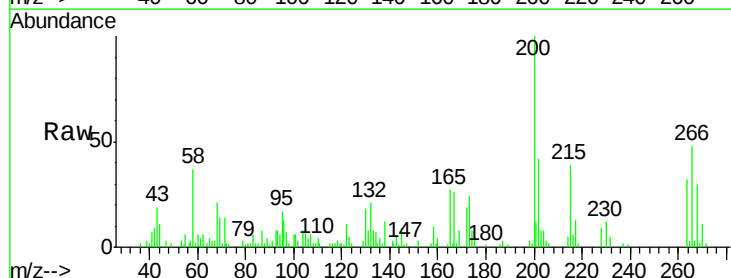


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

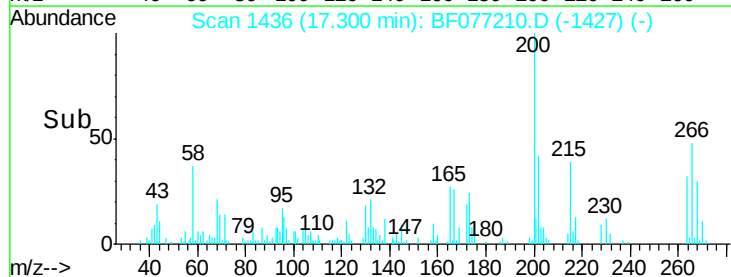
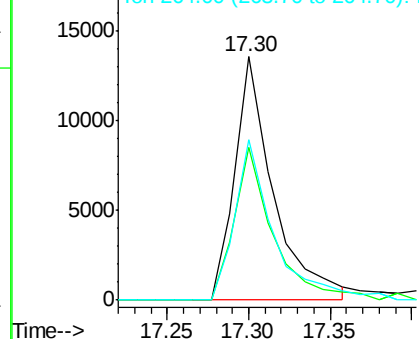


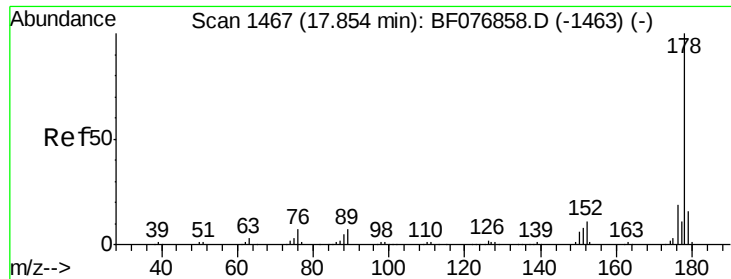
#69
Pentachlorophenol
Concen: 43.46 ng
RT: 17.30 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:266 Resp: 22117
Ion Ratio Lower Upper
266 100
268 62.9 48.6 72.8
264 65.7 49.5 74.3



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

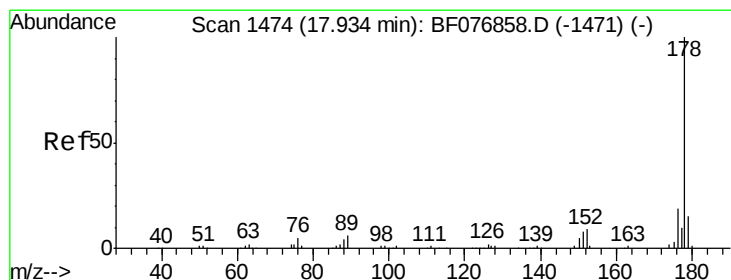
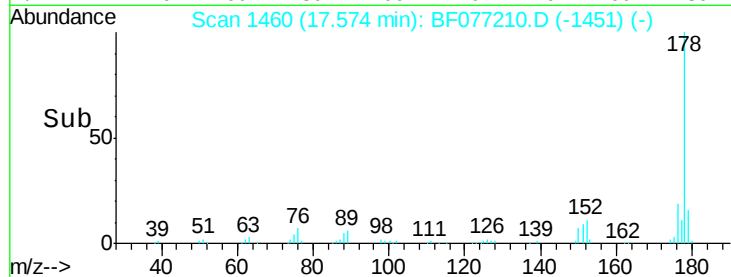
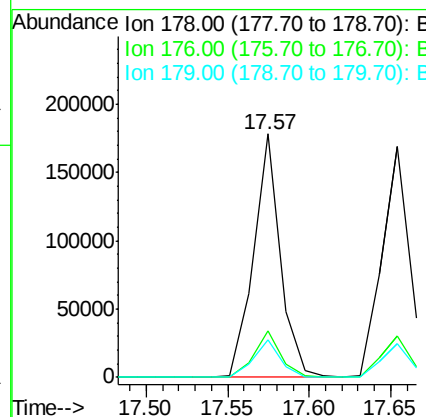
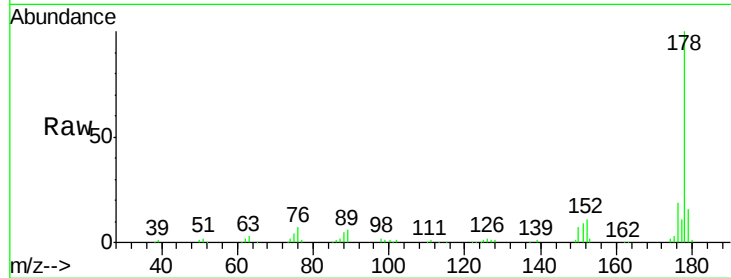




#70
Phenanthrene
Concen: 28.74 ng
RT: 17.57 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

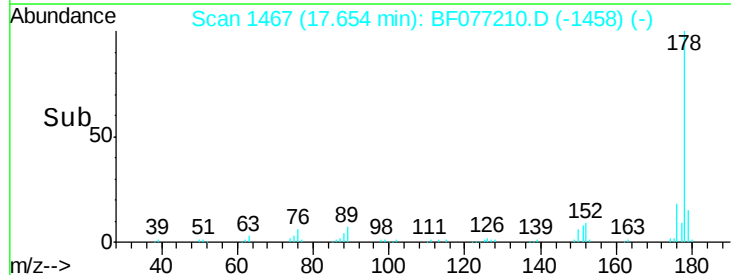
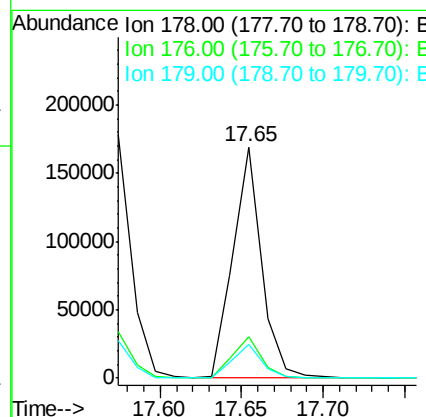
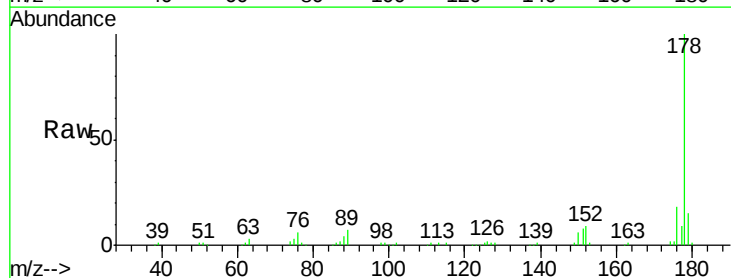
Instrument :
BNA_F
ClientSampleId :
PB81634BS

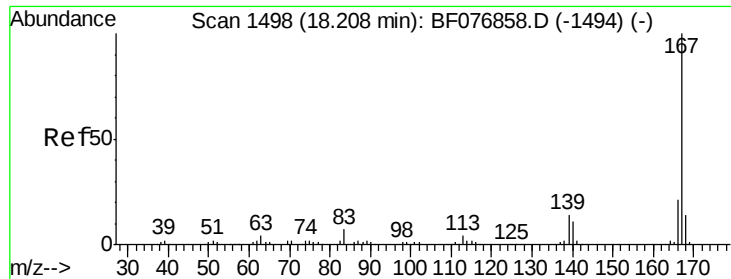
Tot Ion:178 Resp: 202348
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.5 12.7 19.1



#71
Anthracene
Concen: 29.66 ng
RT: 17.65 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:178 Resp: 203640
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 14.8 11.9 17.9

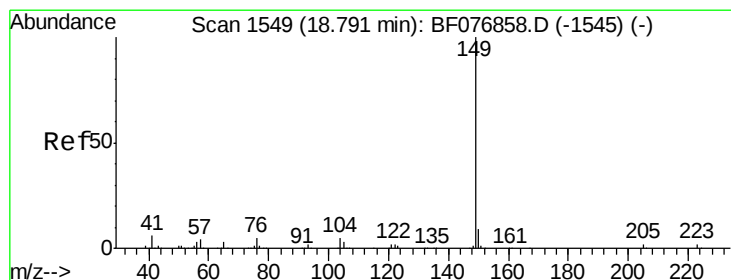
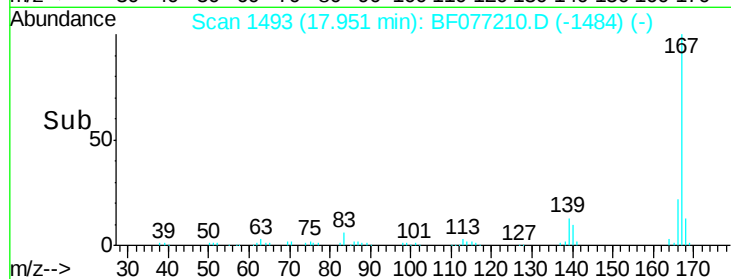
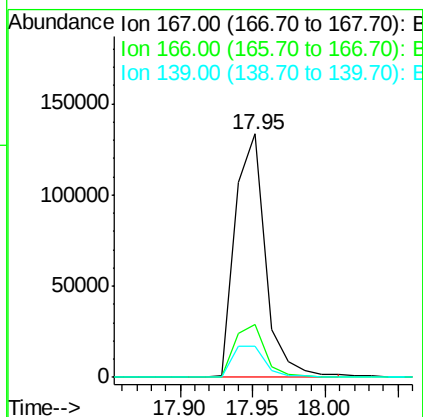
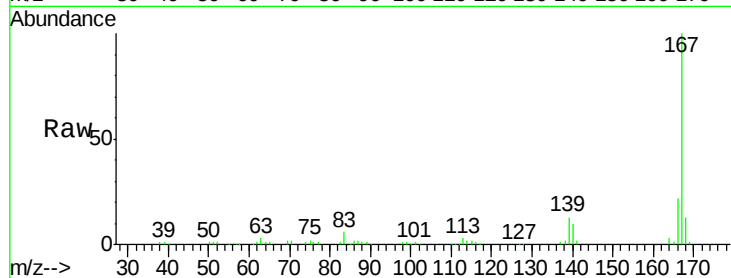




#72
 Carbazole
 Concen: 29.18 ng
 RT: 17.95 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

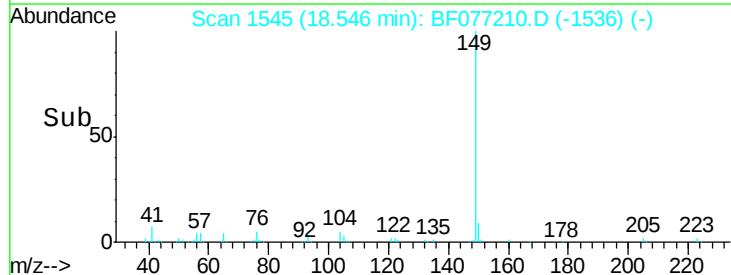
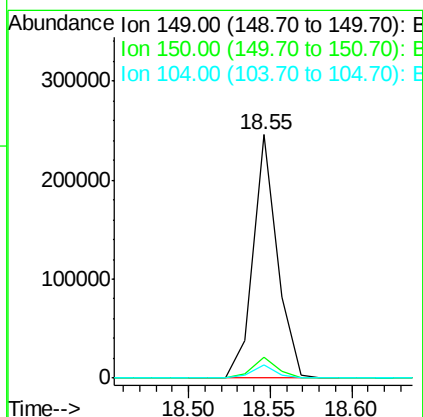
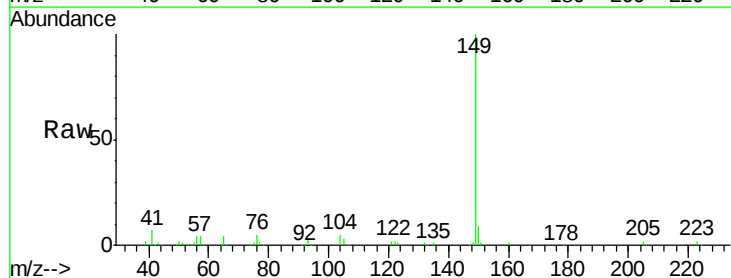
Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

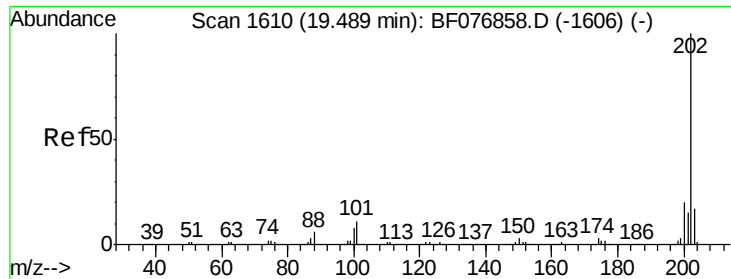
Tot Ion:167 Resp: 194332
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 12.9 11.3 16.9



#73
 Di-n-butylphthalate
 Concen: 32.89 ng
 RT: 18.55 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion:149 Resp: 253495
 Ion Ratio Lower Upper
 149 100
 150 8.8 6.9 10.3
 104 5.2 3.7 5.5





#74

Fluoranthene

Concen: 30.07 ng

RT: 19.23 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

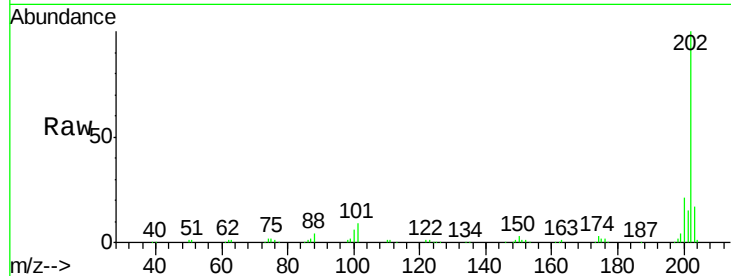
Tot Ion:202 Resp: 216945

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.7

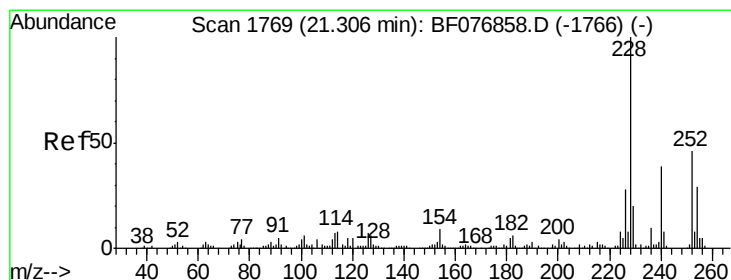
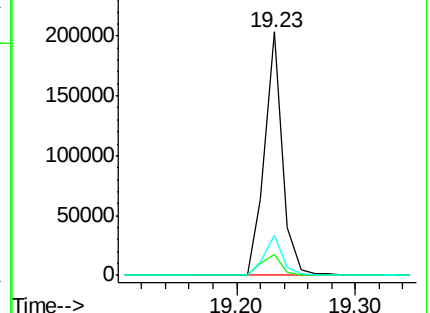
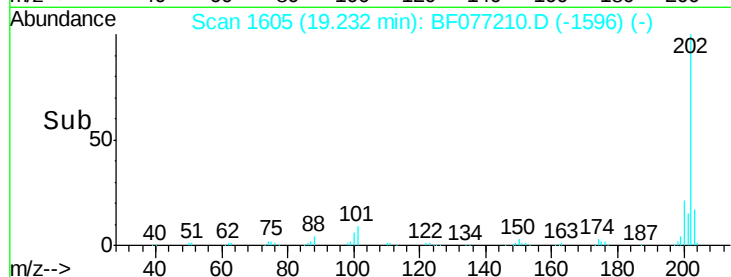
203 16.6 0.0 36.9



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: 21.05 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

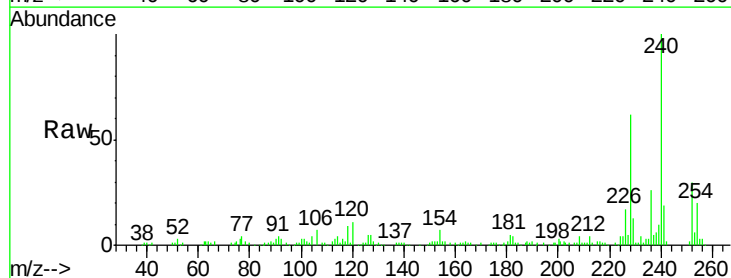
Tgt Ion:240 Resp: 110974

Ion Ratio Lower Upper

240 100

120 10.7 10.4 15.6

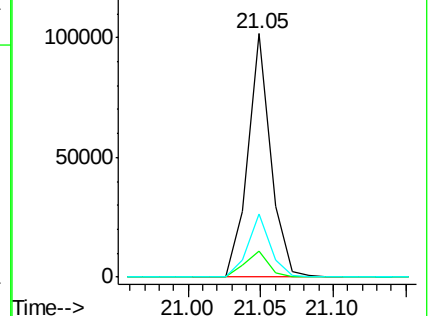
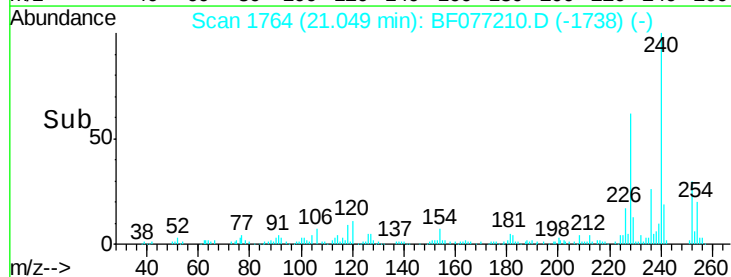
236 25.7 20.2 30.2

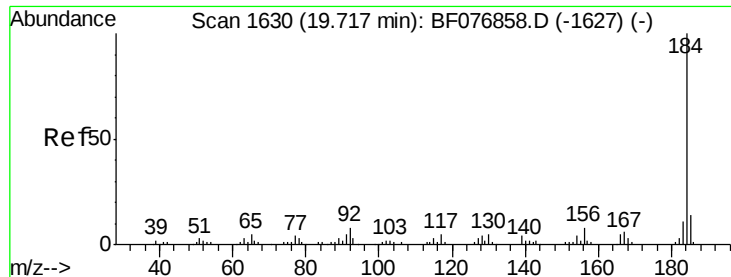


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

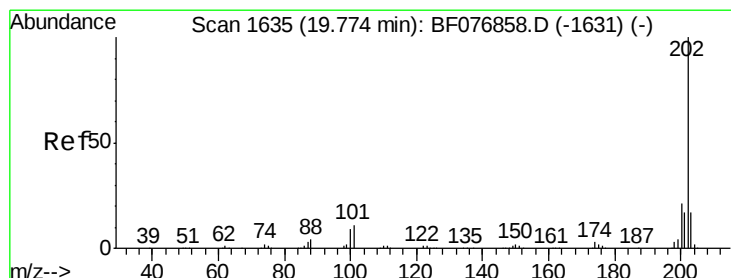
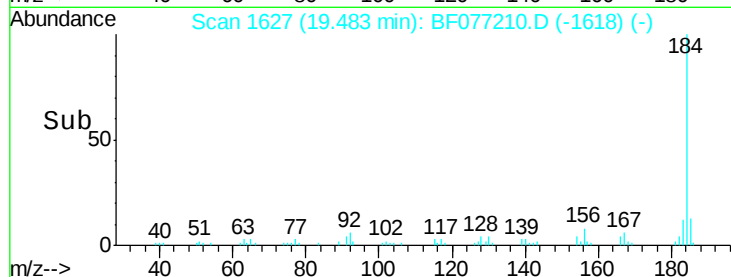
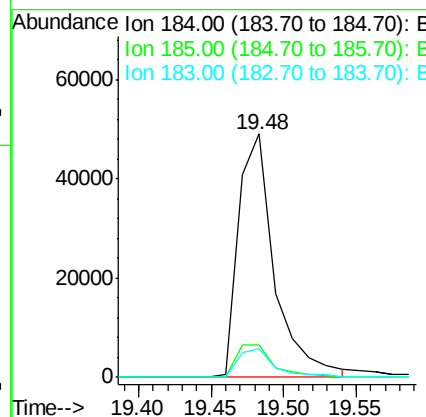
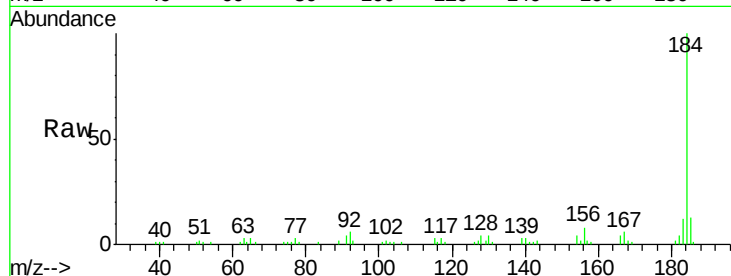




#76
Benzidine
Concen: 23.88 ng
RT: 19.48 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

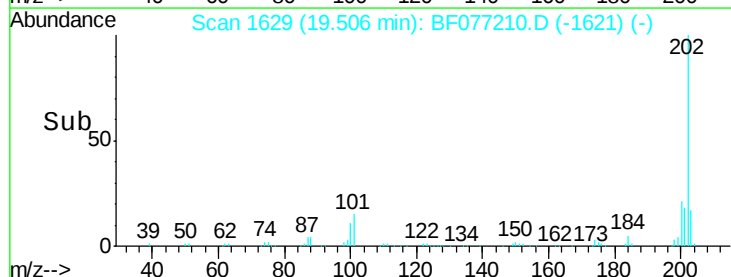
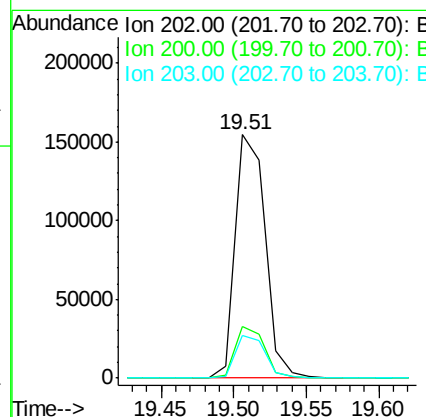
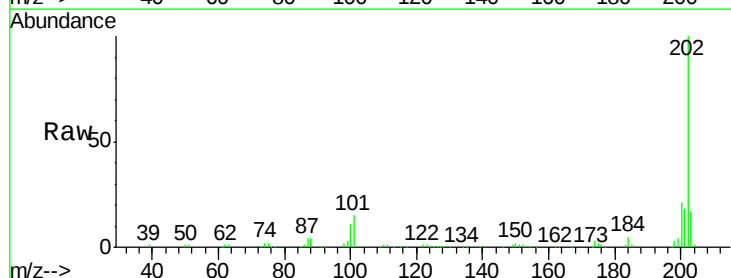
Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tot Ion:184 Resp: 84799
Ion Ratio Lower Upper
184 100
185 13.4 11.4 17.2
183 12.0 9.0 13.6



#77
Pyrene
Concen: 29.19 ng
RT: 19.51 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:202 Resp: 222024
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.4 14.0 21.0

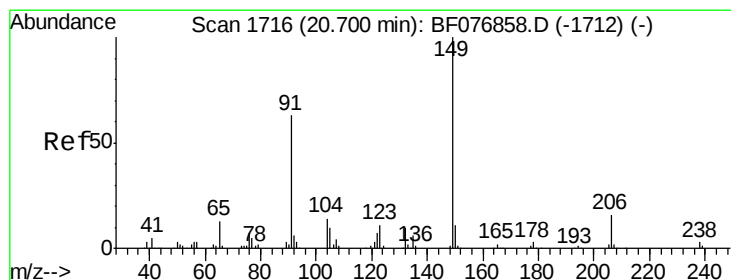
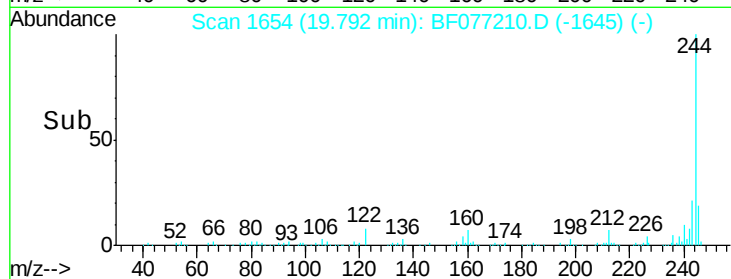
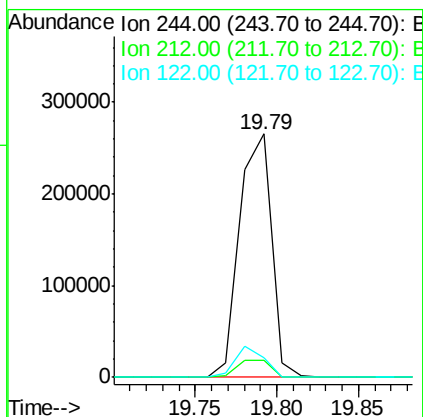
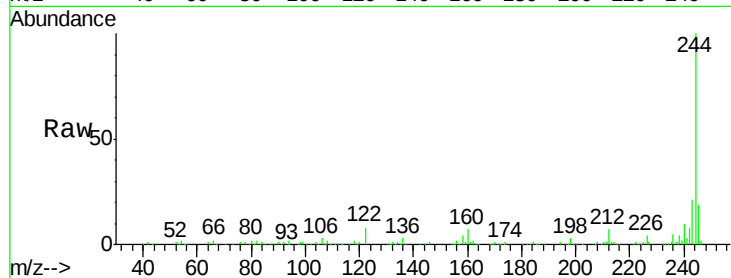




#78
 Terphenyl-d14
 Concen: 74.86 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

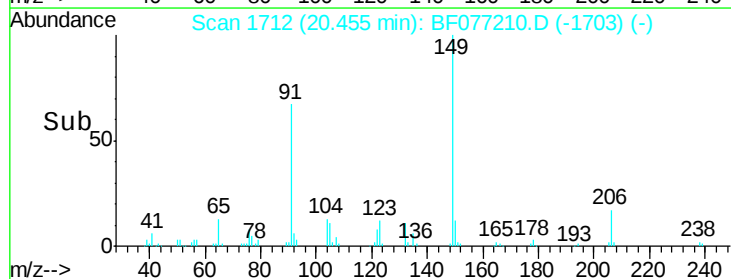
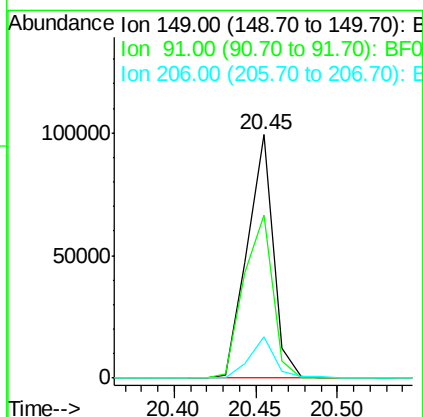
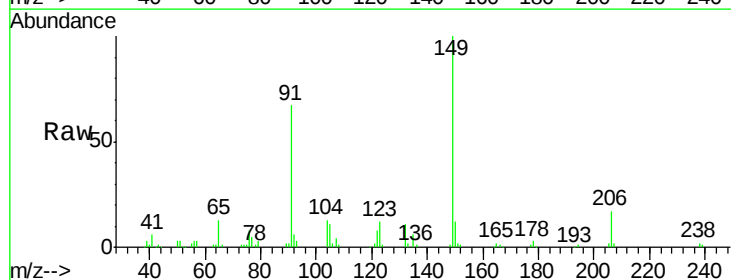
Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

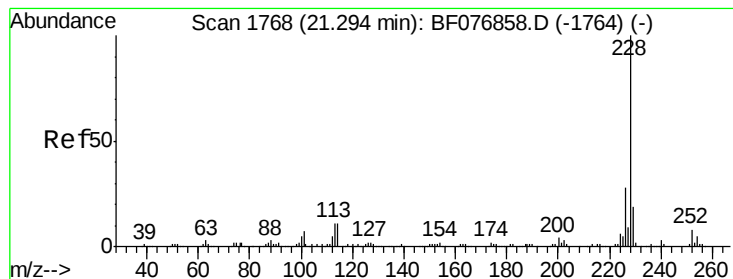
Tot Ion:244 Resp: 360877
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 7.8 10.1 15.1#



#79
 Butylbenzylphthalate
 Concen: 31.93 ng
 RT: 20.45 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion:149 Resp: 109994
 Ion Ratio Lower Upper
 149 100
 91 66.8 50.6 76.0
 206 17.1 12.8 19.2





#80

Benzo(a)anthracene

Concen: 28.24 ng

RT: 21.04 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

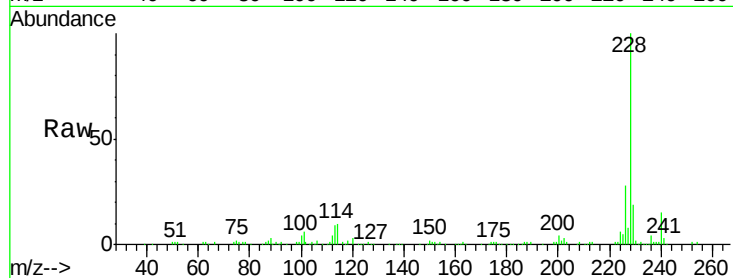
Tot Ion:228 Resp: 196654

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

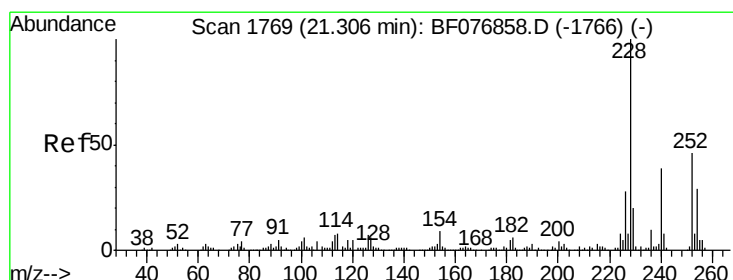
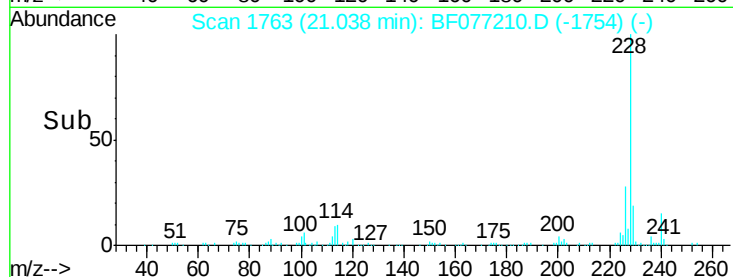
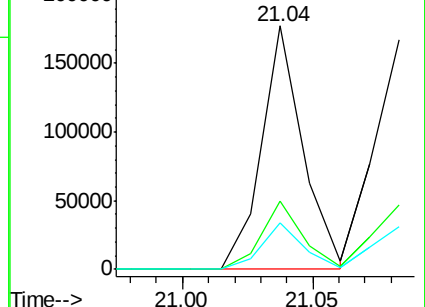
229 19.0 15.5 23.3



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: 19.33 ng

RT: 21.05 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

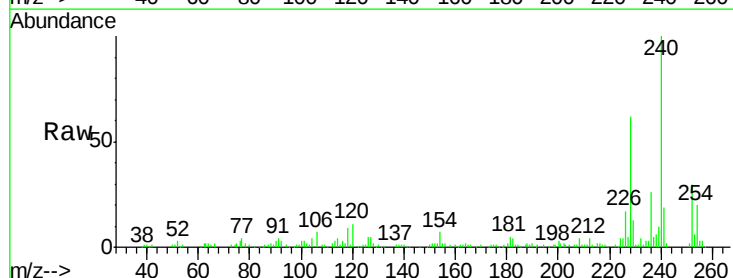
Tgt Ion:252 Resp: 42761

Ion Ratio Lower Upper

252 100

254 67.4 50.2 75.4

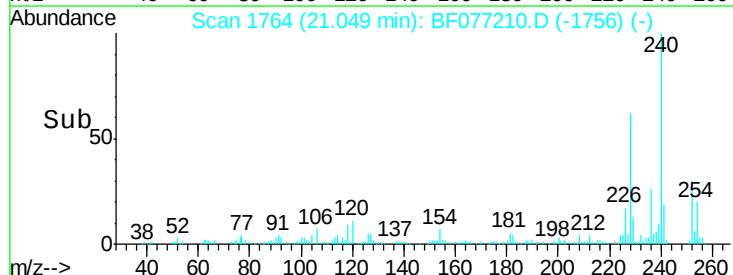
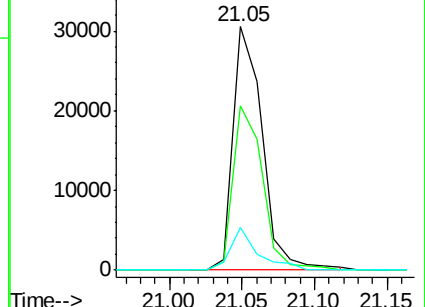
126 17.5 11.5 17.3#

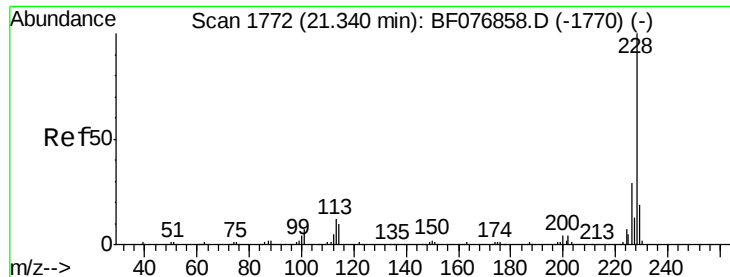


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 29.49 ng

RT: 21.08 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

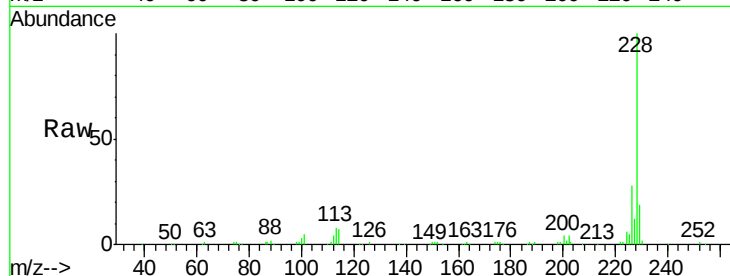
Tot Ion:228 Resp: 187216

Ion Ratio Lower Upper

228 100

226 28.1 23.4 35.0

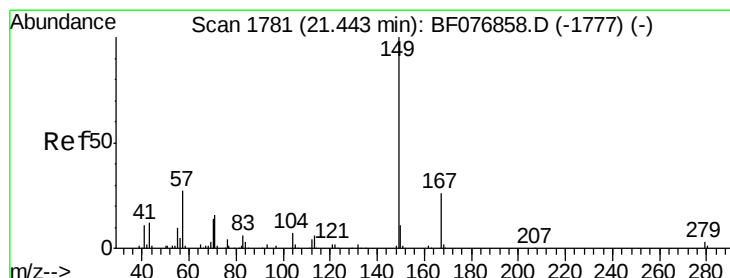
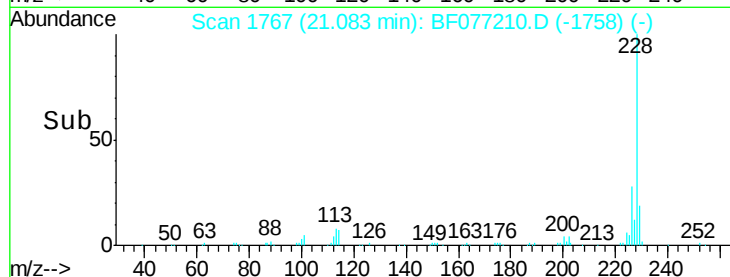
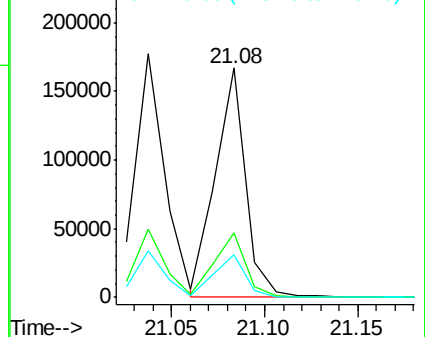
229 18.7 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 33.08 ng

RT: 21.20 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

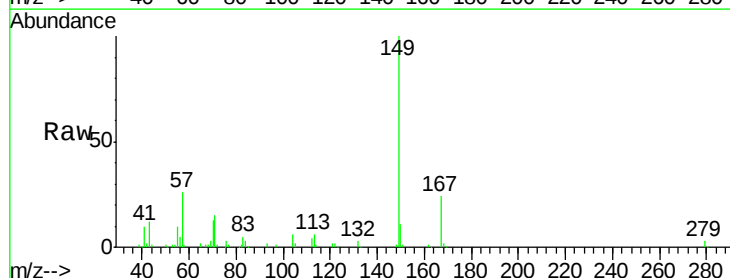
Tgt Ion:149 Resp: 157659

Ion Ratio Lower Upper

149 100

167 23.9 20.6 30.8

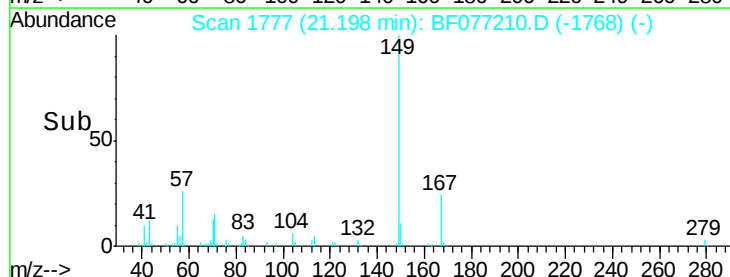
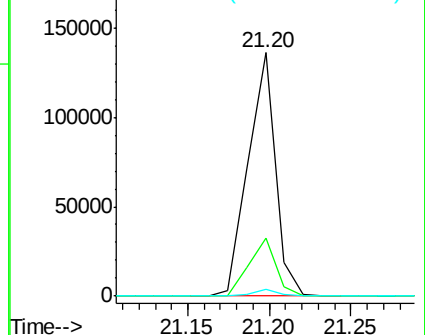
279 2.6 2.2 3.2

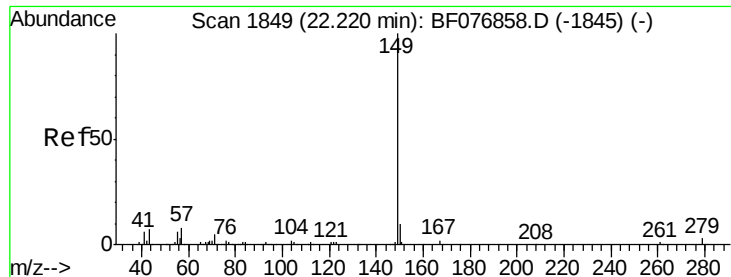


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

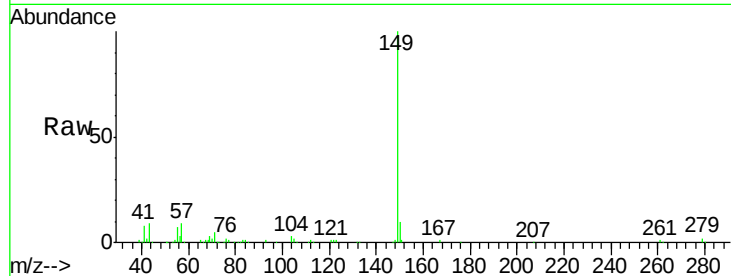




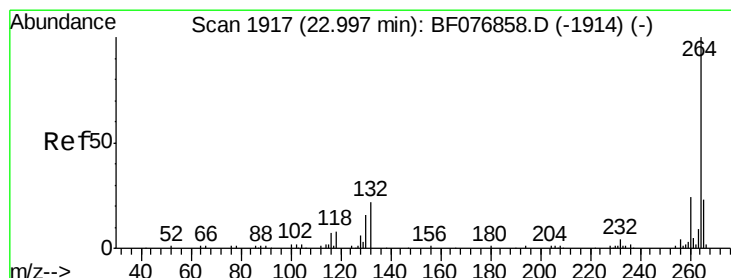
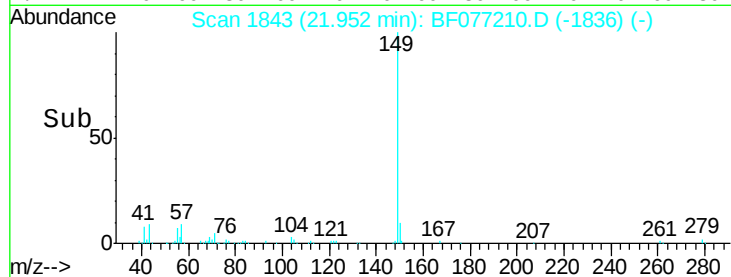
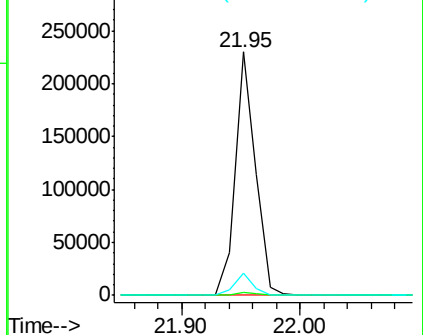
#84
Di-n-octyl phthalate
Concen: 32.68 ng
RT: 21.95 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tot Ion:149 Resp: 270321
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 8.7 6.6 10.0

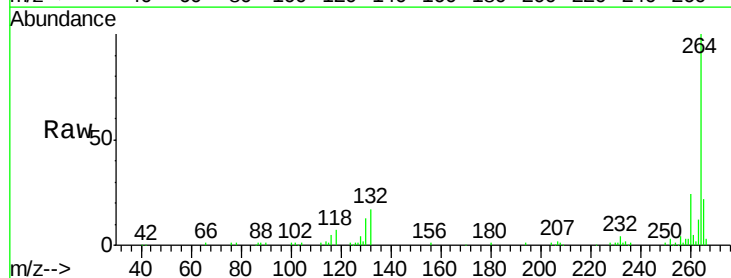


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

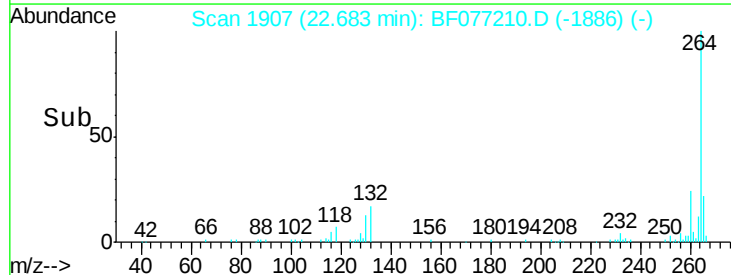
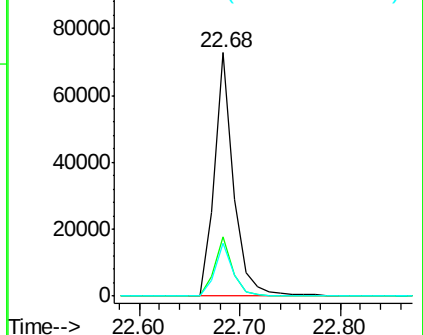


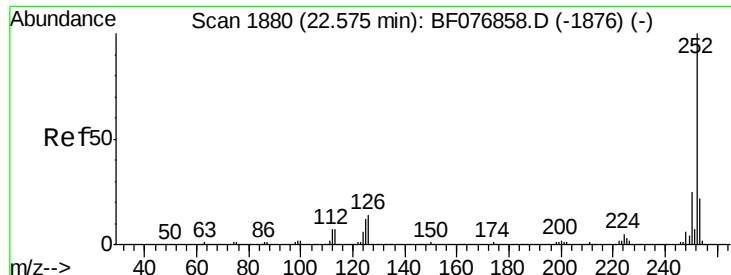
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.68 min Scan# 1907
Delta R.T. -0.06 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:264 Resp: 95803
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 21.5 18.1 27.1



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: 30.03 ng

RT: 22.28 min Scan# 1872

Delta R.T. -0.03 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

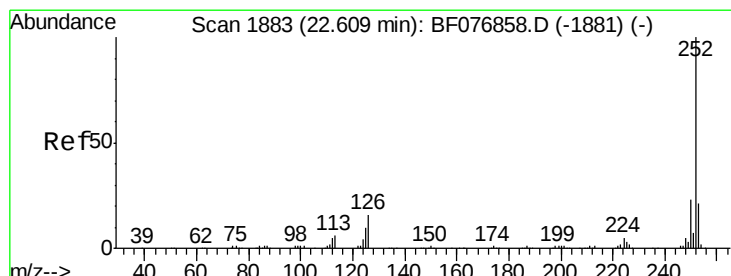
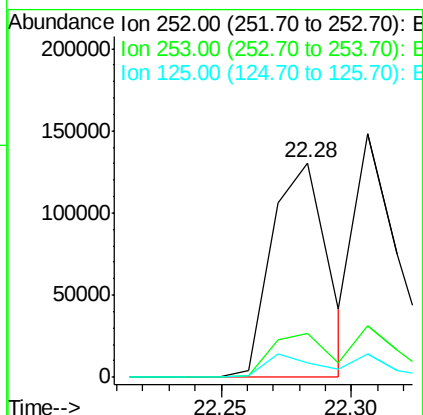
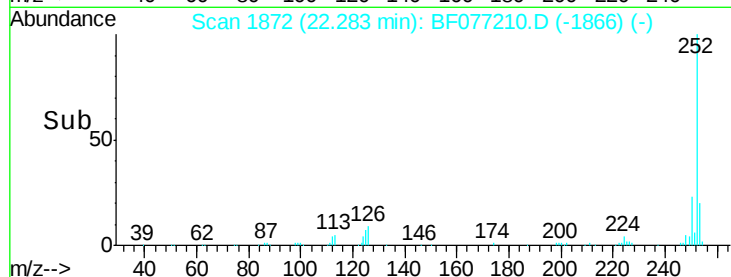
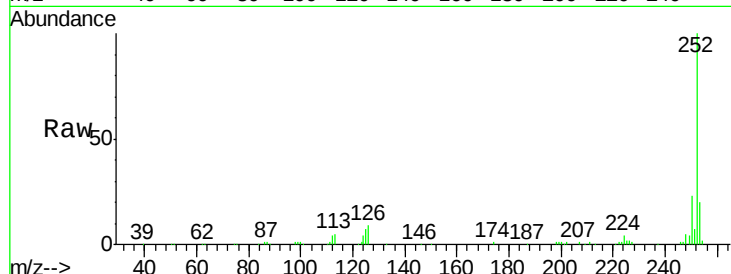
Instrument :

BNA_F

ClientSampleId :

PB81634BS

Tot Ion:252	Resp:	193758
Ion Ratio	Lower	Upper
252	100	
253	20.3	17.5 26.3
125	6.8	9.4 14.0#



#88

Benzo(k)fluoranthene

Concen: 34.37 ng

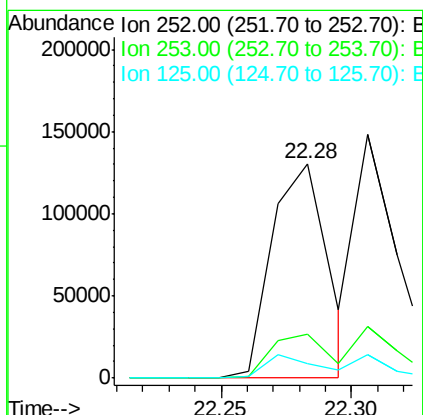
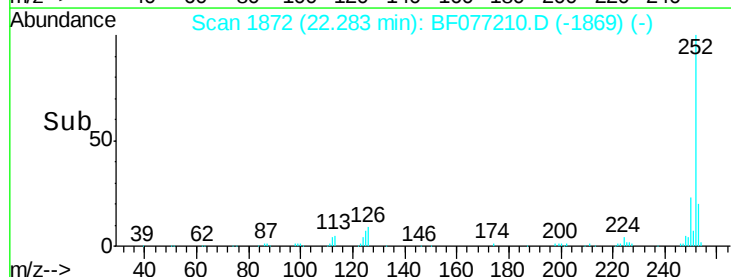
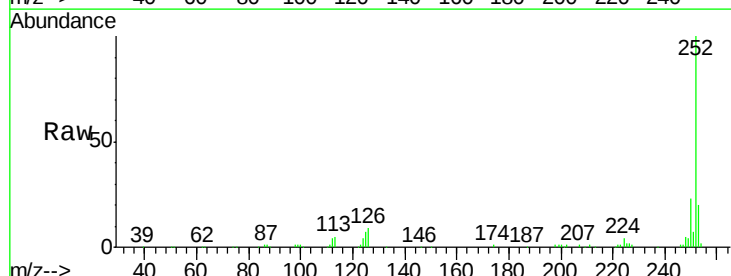
RT: 22.28 min Scan# 1872

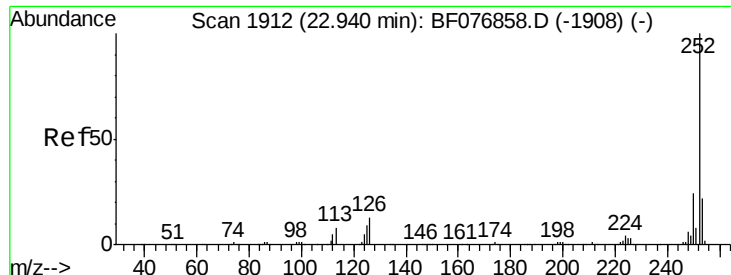
Delta R.T. -0.07 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:252	Resp:	193758
Ion Ratio	Lower	Upper
252	100	
253	20.3	17.2 25.8
125	6.8	7.1 10.7#





#89

Benzo(a)pyrene

Concen: 30.71 ng

RT: 22.63 min Scan# 1902

Delta R.T. -0.06 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

PB81634BS

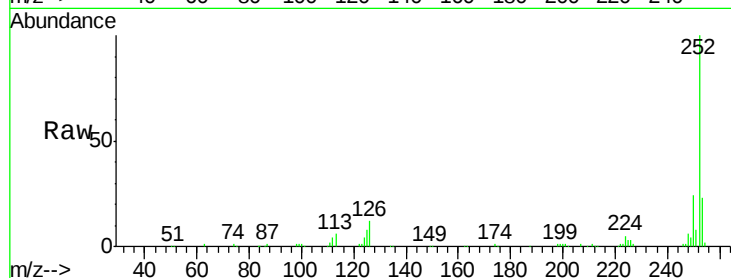
Tot Ion: 252 Resp: 174789

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

125 8.1 7.2 10.8



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

