

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
 Data File : BF076896.D
 Acq On : 16 Jan 2015 00:06
 Operator : IZ / TP
 Sample : G1079-01MS
 Misc : W
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 02:48:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33164	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	126227	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	68063	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	108348	20.00	ng	0.00
75) Chrysene-d12	21.32	240	110046	20.00	ng	0.01
86) Perylene-d12	22.99	264	100311	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	226343	112.21	ng	0.01
7) Phenol-d6	7.42	99	253306	99.55	ng	0.00
23) Nitrobenzene-d5	9.32	82	206296	90.54	ng	0.00
41) 2,4,6-Tribromophenol	16.73	330	79853	144.53	ng	0.01
44) 2-Fluorobiphenyl	13.59	172	415063	92.80	ng	0.00
78) Terphenyl-d14	20.04	244	442924	92.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.36	88	21658	25.08	ng	# 47
3) Pyridine	1.85	79	62361	27.90	ng	95
4) n-Nitrosodimethylamine	1.80	42	38886	35.12	ng	97
6) Aniline	7.32	93	32276	9.17	ng	# 91
8) 2-Chlorophenol	7.56	128	87282	37.54	ng	95
9) Benzaldehyde	7.03	77	32804	20.54	ng	94
10) Phenol	7.45	94	85298	31.57	ng	92
11) bis(2-Chloroethyl)ether	7.56	93	84525	39.98	ng	94
12) 1,3-Dichlorobenzene	7.88	146	99725	37.69	ng	96
13) 1,4-Dichlorobenzene	8.06	146	100931	35.98	ng	96
14) 1,2-Dichlorobenzene	8.38	146	98727	38.19	ng	98
15) Benzyl Alcohol	8.46	79	89263	43.35	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.80	45	109839	38.65	ng	98
17) 2-Methylphenol	8.80	107	68092	35.83	ng	97
18) Hexachloroethane	9.12	117	36958	37.88	ng	98
19) n-Nitroso-di-n-propylamine	9.09	70	66670	37.43	ng	98
20) 3+4-Methylphenols	9.18	107	90321	35.90	ng	96
22) Acetophenone	9.01	105	141119	45.64	ng	97
24) Nitrobenzene	9.36	77	100470	43.29	ng	99
25) Isophorone	9.96	82	179709	43.31	ng	99
26) 2-Nitrophenol	10.10	139	49153	41.60	ng	99
27) 2,4-Dimethylphenol	10.38	122	79873	44.50	ng	94
28) bis(2-Chloroethoxy)methane	10.58	93	107916	45.76	ng	100
29) 2,4-Dichlorophenol	10.71	162	74788	44.71	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	83503	44.94	ng	98
31) Naphthalene	10.97	128	281159	43.26	ng	98
33) 4-Chloroaniline	11.23	127	11789	4.49	ng	96
34) Hexachlorobutadiene	11.34	225	46779	42.43	ng	98
35) Caprolactam	12.08	113	8759	17.79	ng	# 83
36) 4-Chloro-3-methylphenol	12.52	107	83448	43.57	ng	99
37) 2-Methylnaphthalene	12.63	142	198005	44.61	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	75540	44.89	ng	96
40) Hexachlorocyclopentadiene	13.03	237	58199	65.15	ng	99
42) 2,4,6-Trichlorophenol	13.39	196	52157	42.54	ng	95

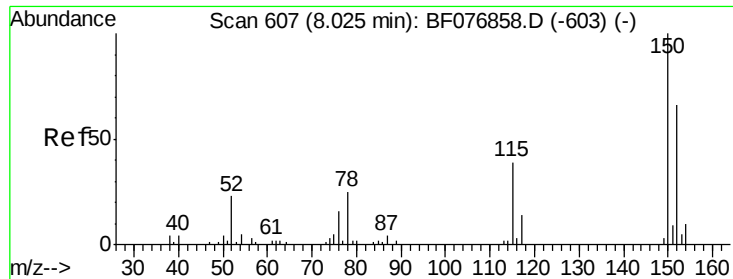
Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
 Data File : BF076896.D
 Acq On : 16 Jan 2015 00:06
 Operator : IZ / TP
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Quant Time: Jan 16 02:48:27 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.48	196	55937	44.73	nq	95
45) 1,1'-Biphenyl	13.80	154	225347	44.66	nq	99
46) 2-Chloronaphthalene	13.77	162	179634	43.26	nq	98
47) 2-Nitroaniline	14.11	65	58264	46.26	nq	93
48) Acenaphthylene	14.72	152	290326	41.45	nq	99
49) Dimethylphthalate	14.68	163	1047574	217.03	nq	99
50) 2,6-Dinitrotoluene	14.77	165	44426	46.07	nq	99
51) Acenaphthene	15.15	154	167932	42.26	nq	95
52) 3-Nitroaniline	15.10	138	13711	12.29	nq	# 79
53) 2,4-Dinitrophenol	15.39	184	31414	70.97	nq	88
54) Dibenzofuran	15.57	168	264461	45.69	nq	97
55) 4-Nitrophenol	15.69	139	59890	79.15	nq	92
56) 2,4-Dinitrotoluene	15.68	165	64643	44.86	nq	# 83
57) Fluorene	16.28	166	222825	45.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.90	232	40474	44.45	nq	# 94
59) Diethylphthalate	16.27	149	328963	67.43	nq	99
60) 4-Chlorophenyl-phenylether	16.37	204	92473	46.09	nq	# 85
61) 4-Nitroaniline	16.41	138	39749	33.15	nq	99
62) Azobenzene	16.64	77	226417	44.55	nq	98
64) 4,6-Dinitro-2-methylphenol	16.48	198	25156	36.95	nq	89
65) n-Nitrosodiphenylamine	16.60	169	179394	46.44	nq	98
66) 4-Bromophenyl-phenylether	17.19	248	52629	47.95	nq	95
67) Hexachlorobenzene	17.21	284	52382	45.28	nq	93
68) Atrazine	17.56	200	65958	56.26	nq	93
69) Pentachlorophenol	17.58	266	49554	92.23	nq	96
70) Phenanthrene	17.85	178	315248	46.66	nq	99
71) Anthracene	17.93	178	309998	47.05	nq	98
72) Carbazole	18.21	167	303556	47.50	nq	100
73) Di-n-butylphthalate	18.79	149	390947	52.85	nq	99
74) Fluoranthene	19.49	202	322555	46.59	nq	99
76) Benzidine	19.73	184	76018	21.59	nq	98
77) Pyrene	19.77	202	329506	43.69	nq	98
79) Butylbenzylphthalate	20.70	149	187935	55.02	nq	92
80) Benzo(a)anthracene	21.31	228	321141	46.51	nq	100
81) 3,3'-Dichlorobenzidine	21.31	252	55207	25.16	nq	97
82) Chrysene	21.34	228	273700	43.47	nq	98
83) Bis(2-ethylhexyl)phthalate	21.44	149	253575	53.66	nq	99
84) Di-n-octyl phthalate	22.21	149	427802	52.16	nq	99
85) Indeno(1,2,3-cd)pyrene	24.13	276	311512	46.68	nq	# 83
87) Benzo(b)fluoranthene	22.56	252	288026	42.63	nq	# 97
88) Benzo(k)fluoranthene	22.56	252	288005	48.79	nq	100
89) Benzo(a)pyrene	22.92	252	273367	45.87	nq	# 96
90) Dibenzo(a,h)anthracene	24.15	278	248855	45.51	nq	# 96
91) Benzo(g,h,i)perylene	24.43	276	260361	47.90	nq	# 94

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

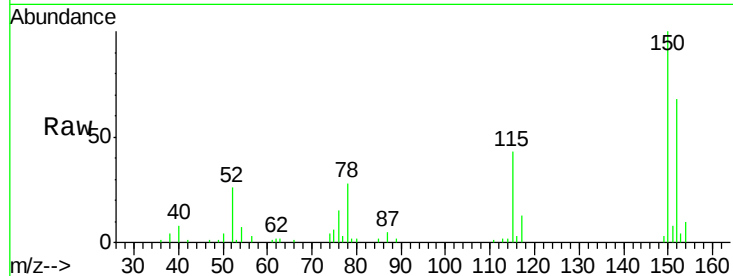


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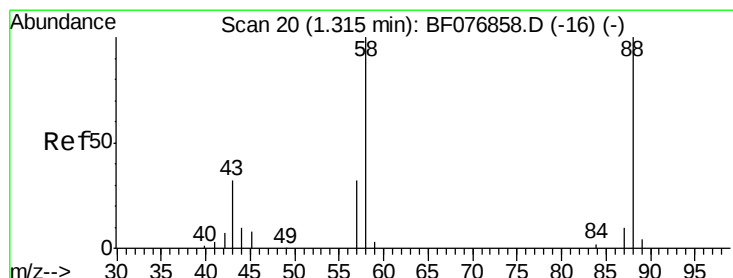
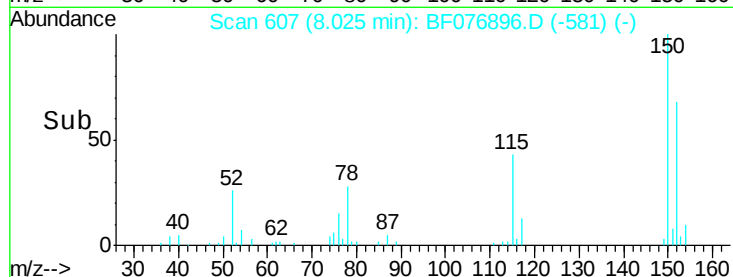
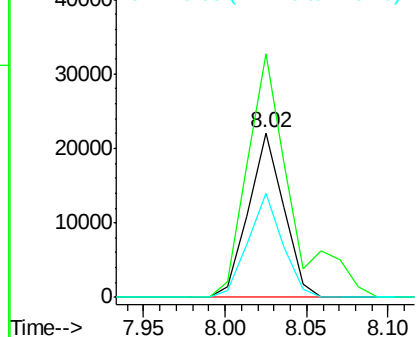
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 33164
Ion Ratio Lower Upper
152 100
150 147.9 121.7 182.5
115 63.1 47.0 70.6



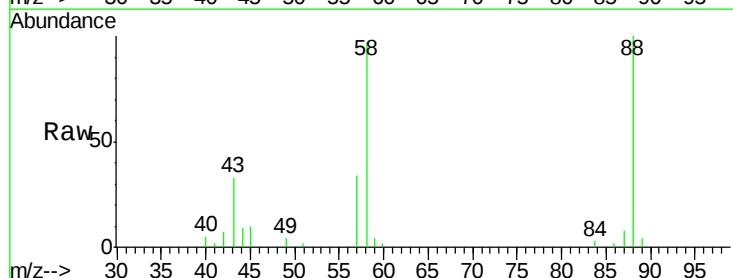
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



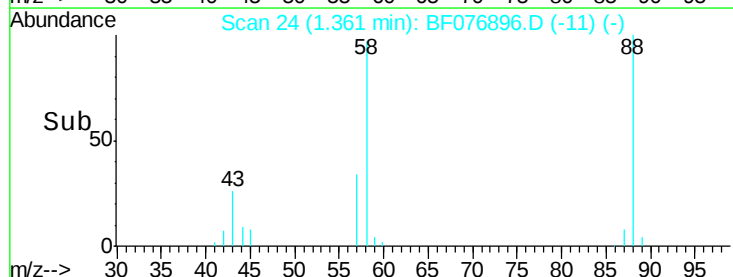
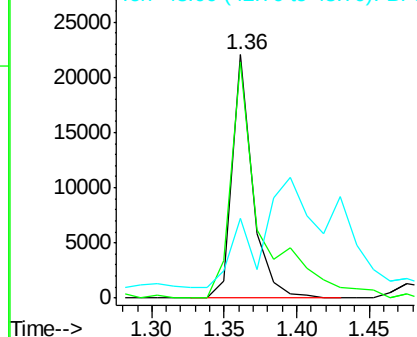
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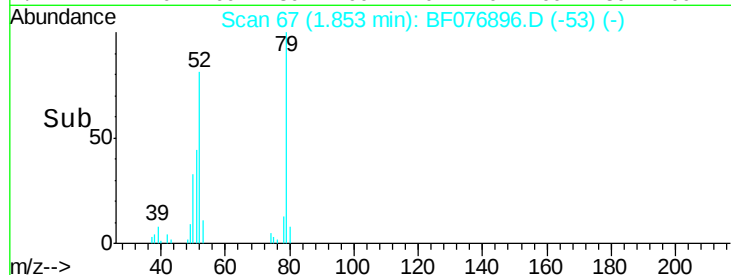
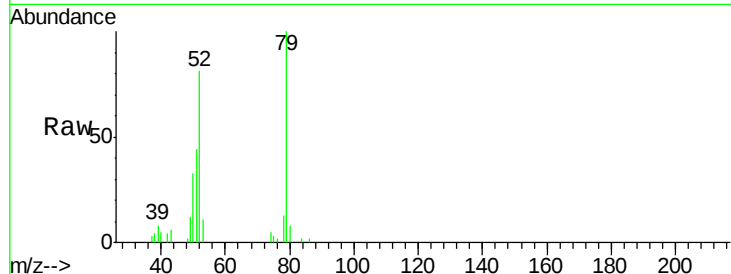
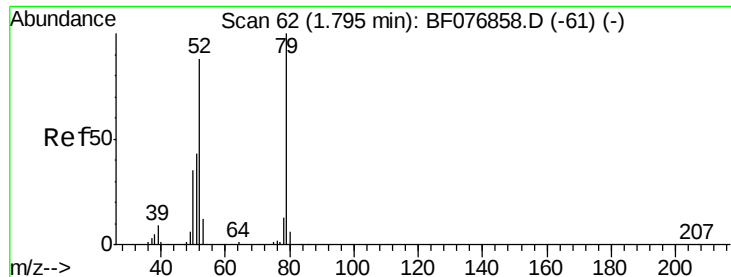
1,4-Dioxane
Concen: 25.08 ng
RT: 1.36 min Scan# 24
Delta R.T. 0.05 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion: 88 Resp: 21658
Ion Ratio Lower Upper
88 100
58 146.8 77.0 115.4#
43 0.0 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

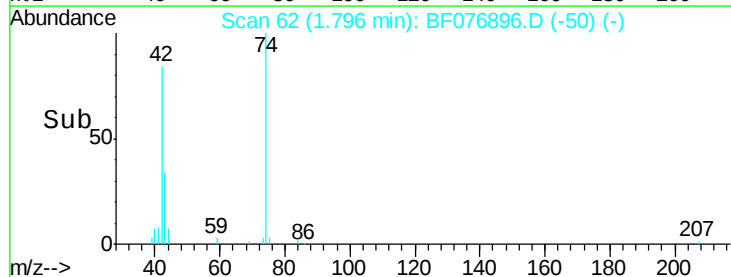
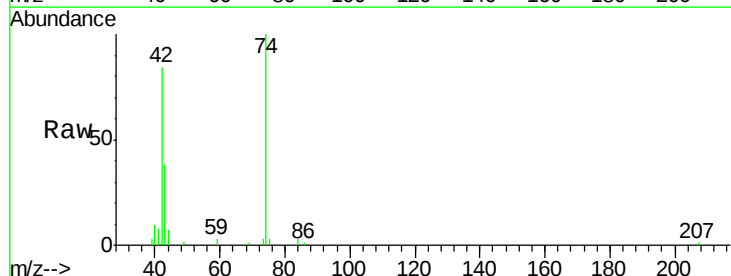
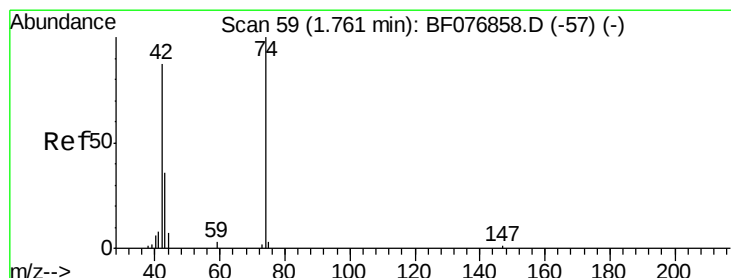
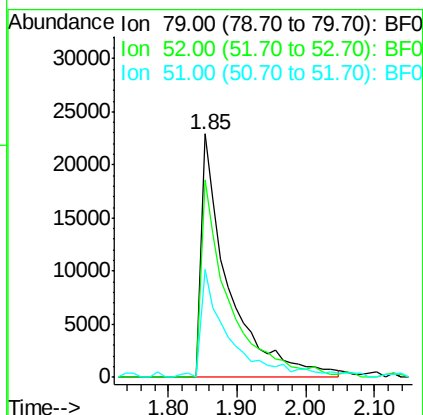




#3
 Pvridine
 Concen: 27.90 ng
 RT: 1.85 min Scan# 67
 Delta R.T. 0.06 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

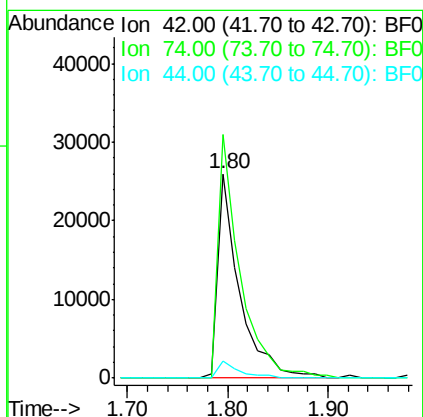
Instrument :
 BNA_F
 ClientSampleId :

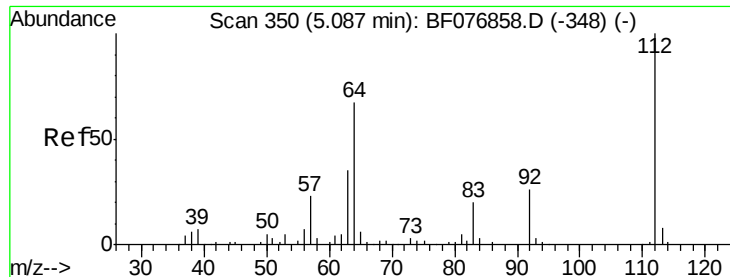
Tot Ion	Ratio	Lower	Upper
79	100		
52	80.9	70.1	105.1
51	44.4	35.1	52.7



#4
 n-Nitrosodimethylamine
 Concen: 35.12 ng
 RT: 1.80 min Scan# 62
 Delta R.T. 0.03 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.2	92.4	138.6
44	8.1	6.2	9.2





#5

2-Fluorophenol

Concen: 112.21 ng

RT: 5.10 min Scan# 351

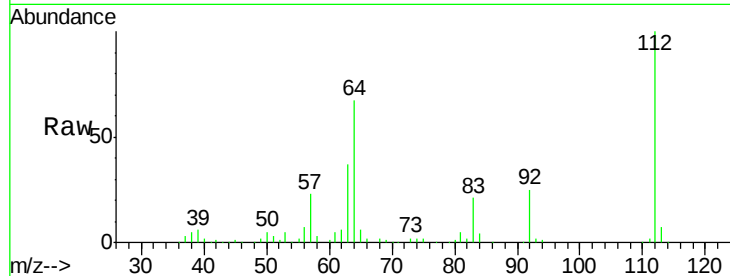
Delta R.T. 0.01 min

Lab File: BF076896.D

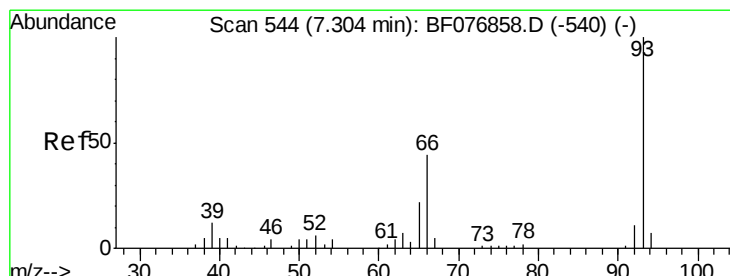
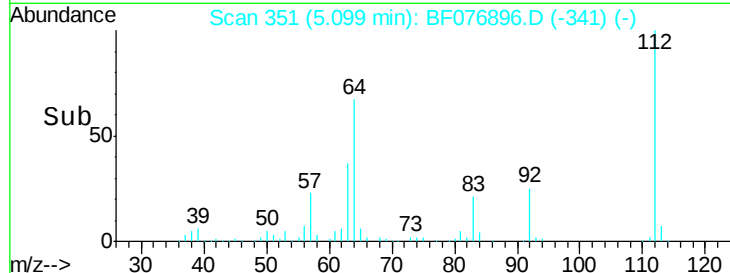
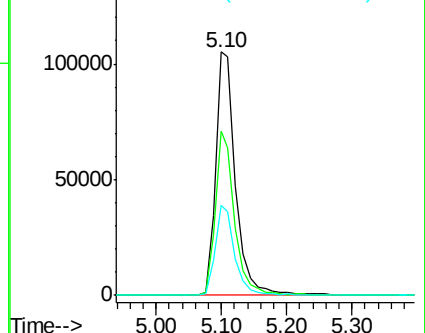
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	226343
Ion	Ratio	Lower	Upper
112	100		
64	67.4	54.2	81.4
63	36.8	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 9.17 ng

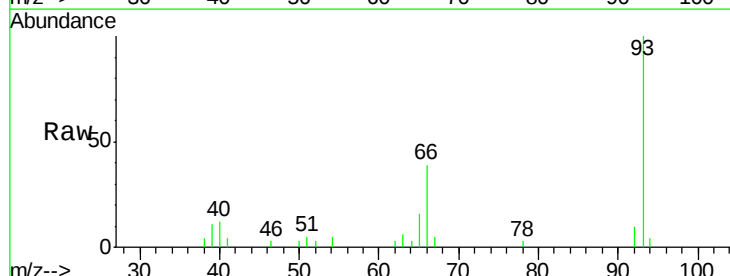
RT: 7.32 min Scan# 545

Delta R.T. 0.01 min

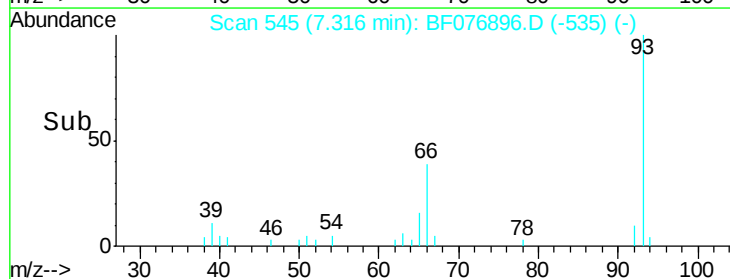
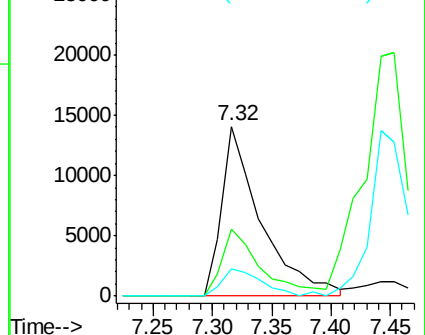
Lab File: BF076896.D

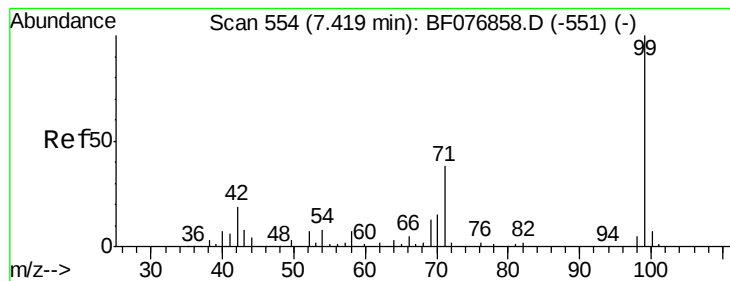
Acq: 16 Jan 2015 00:06

Tgt Ion:	93	Resp:	32276
Ion	Ratio	Lower	Upper
93	100		
66	39.1	35.0	52.4
65	16.4	17.7	26.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 99.55 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampled :

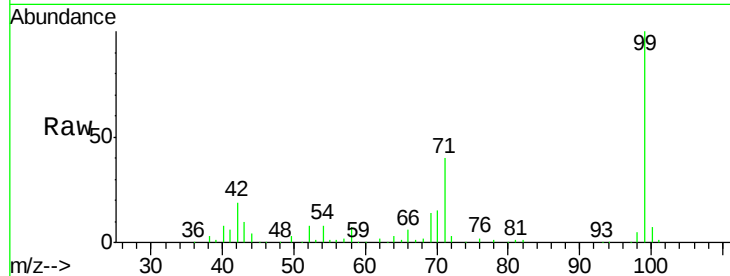
Tot Ion: 99 Resp: 253306

Ion Ratio Lower Upper

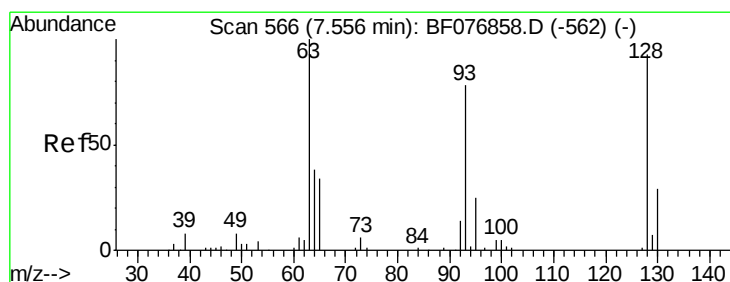
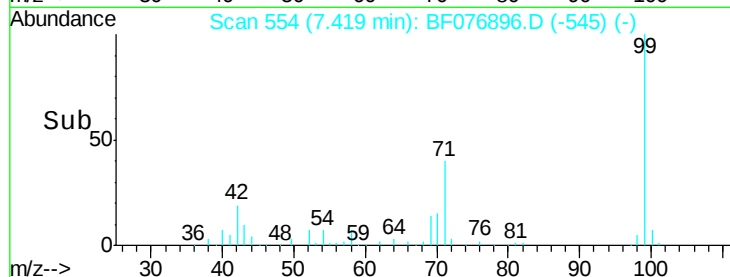
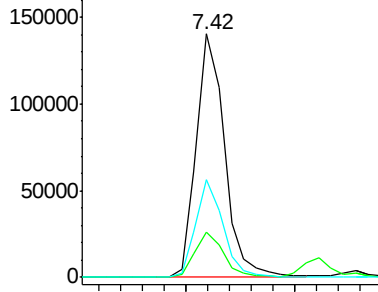
99 100

42 18.7 15.0 22.4

71 40.1 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: 37.54 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

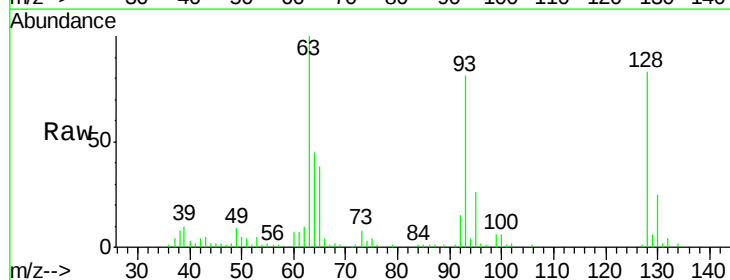
Tgt Ion: 128 Resp: 87282

Ion Ratio Lower Upper

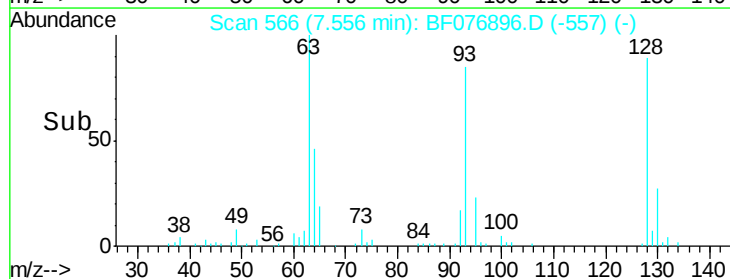
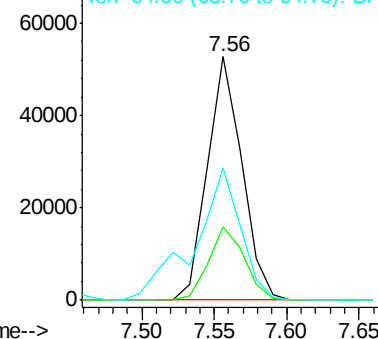
128 100

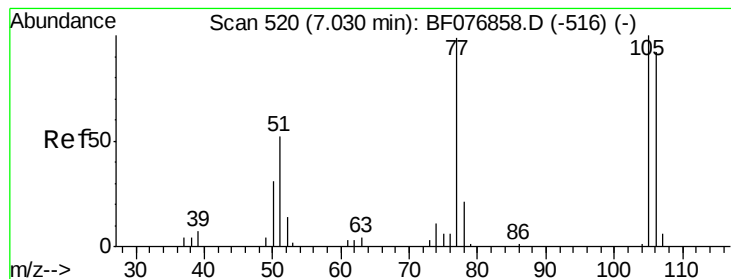
130 30.2 11.0 51.0

64 54.4 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





#9

Benzaldehyde

Concen: 20.54 ng

RT: 7.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampleId :

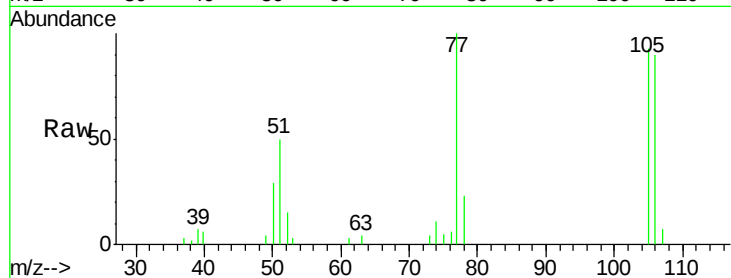
Tot Ion: 77 Resp: 32804

Ion Ratio Lower Upper

77 100

105 93.4 81.4 121.4

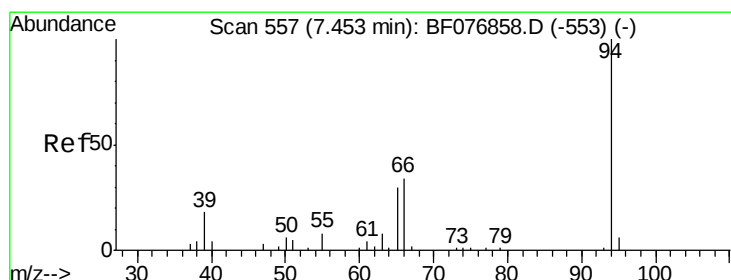
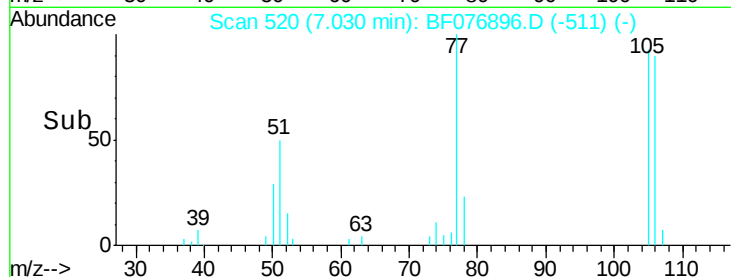
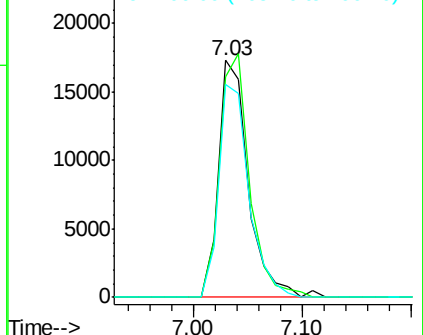
106 90.0 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.57 ng

RT: 7.45 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

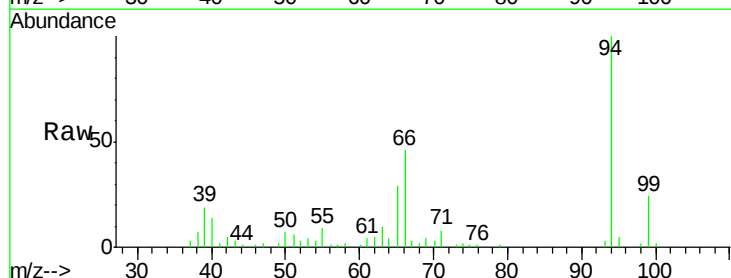
Tgt Ion: 94 Resp: 85298

Ion Ratio Lower Upper

94 100

65 28.8 11.3 51.3

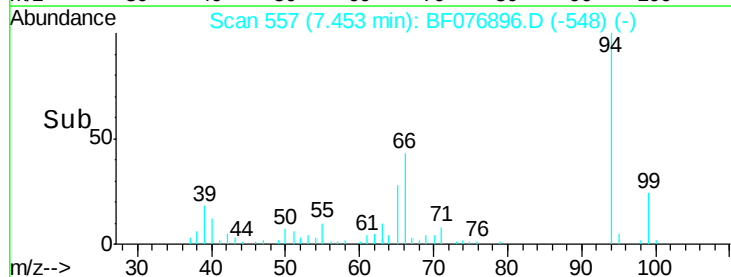
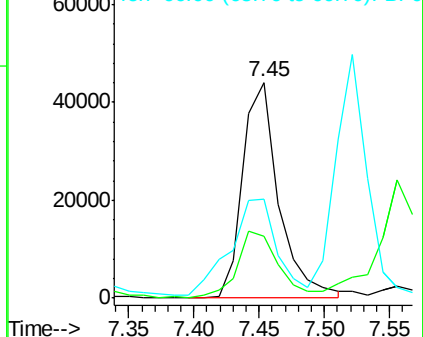
66 45.8 19.5 59.5

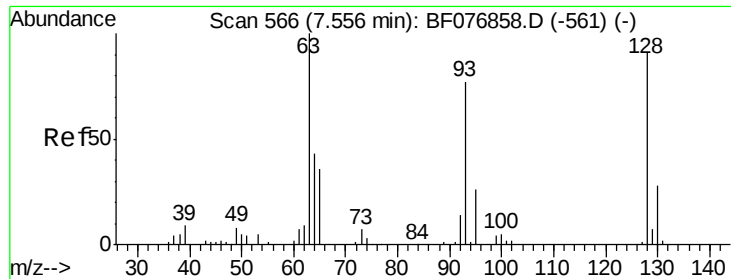


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

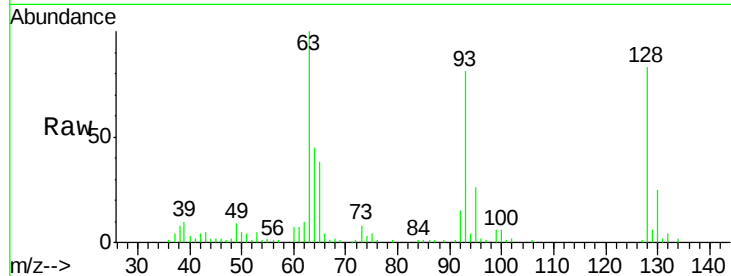




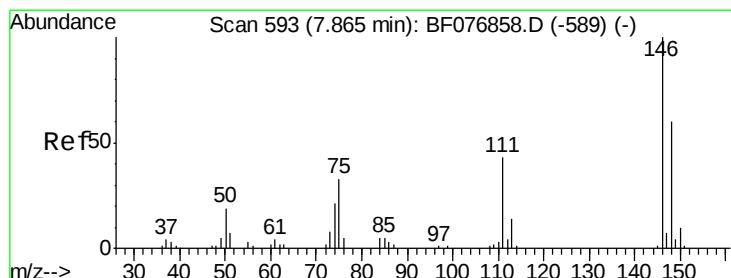
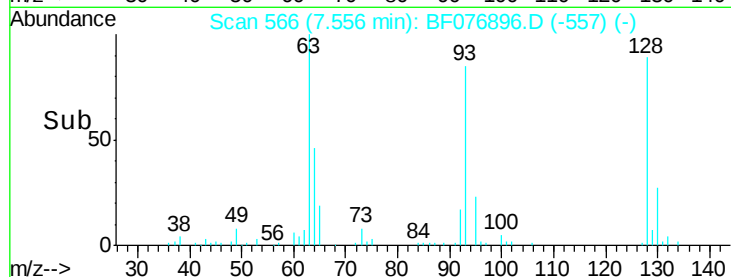
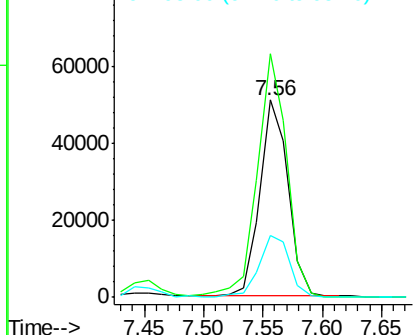
#11
bis(2-Chloroethyl)ether
Concen: 39.98 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 84525
Ion Ratio Lower Upper
93 100
63 123.3 111.3 151.3
95 31.5 13.8 53.8

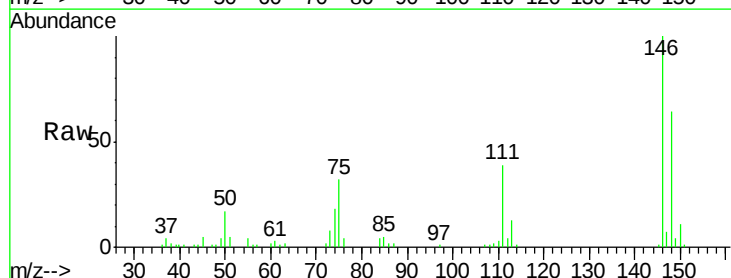


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

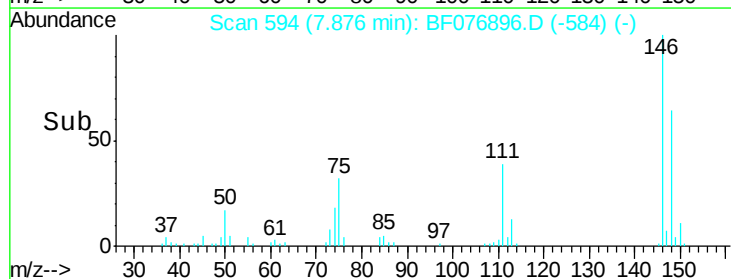
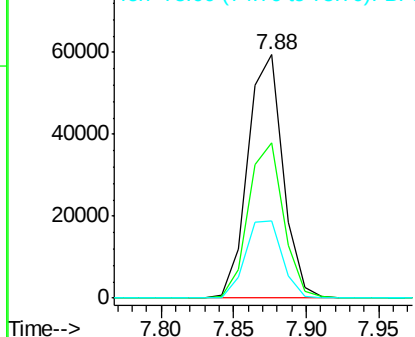


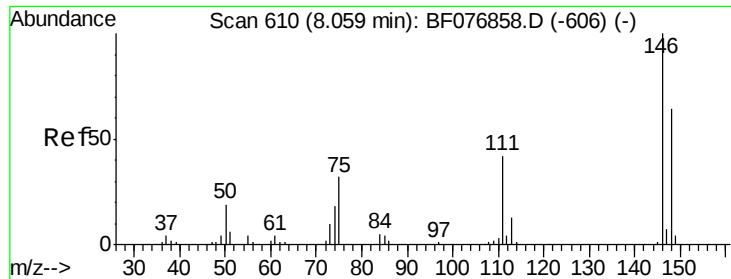
#12
1,3-Dichlorobenzene
Concen: 37.69 ng
RT: 7.88 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion: 146 Resp: 99725
Ion Ratio Lower Upper
146 100
148 63.6 48.1 72.1
75 31.6 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

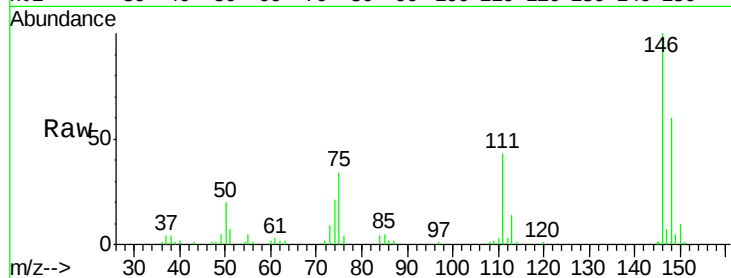




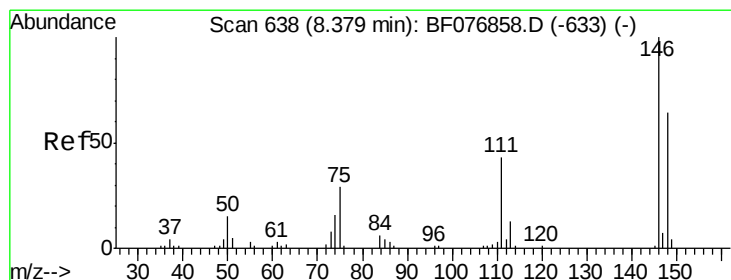
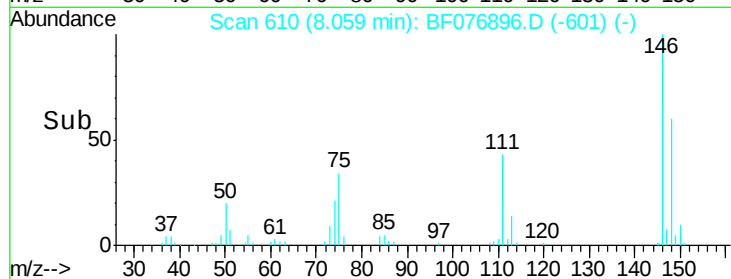
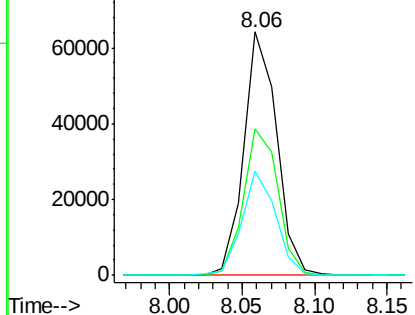
#13
 1,4-Dichlorobenzene
 Concen: 35.98 ng
 RT: 8.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 100931
 Ion Ratio Lower Upper
 146 100
 148 59.9 51.5 77.3
 111 42.6 33.9 50.9

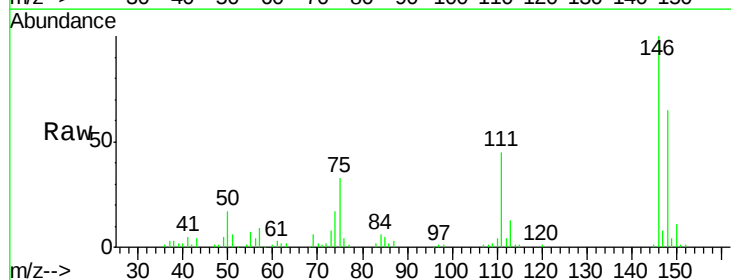


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

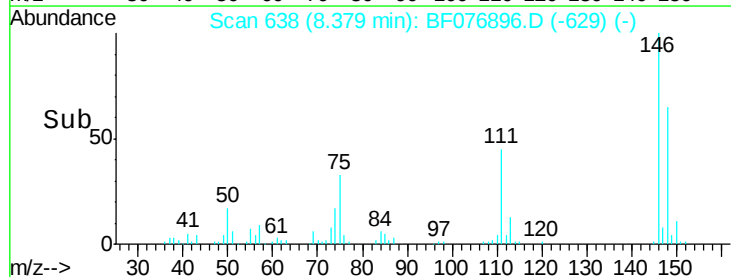
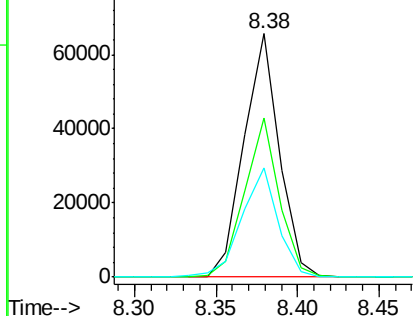


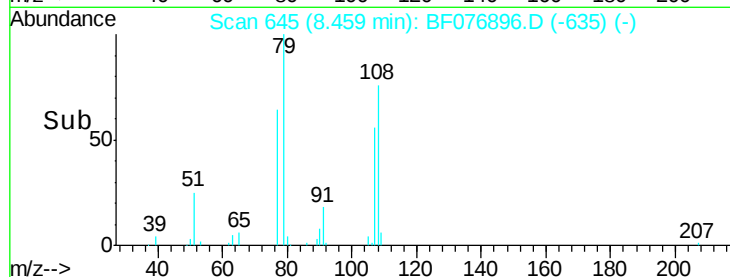
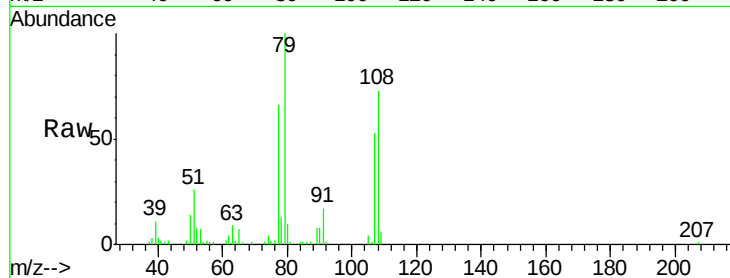
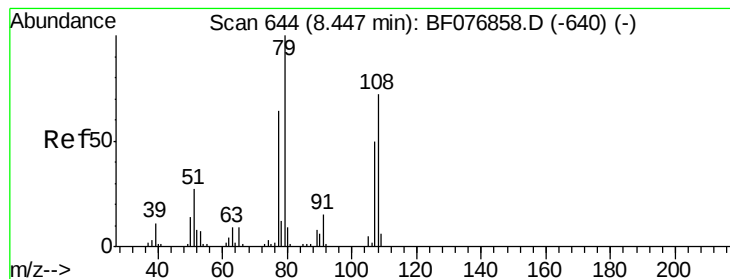
#14
 1,2-Dichlorobenzene
 Concen: 38.19 ng
 RT: 8.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Tgt Ion:146 Resp: 98727
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.3 76.9
 111 44.7 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: 43.35 ng

RT: 8.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampleId :

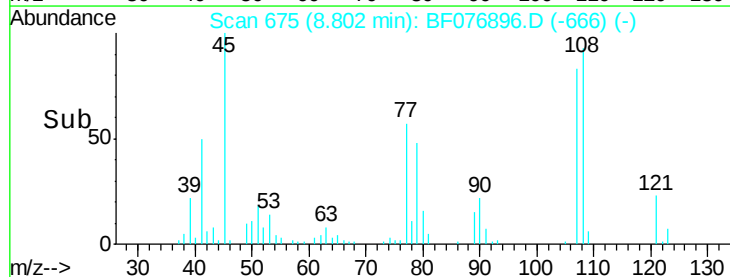
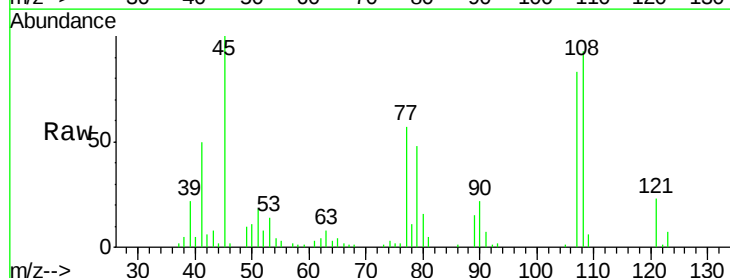
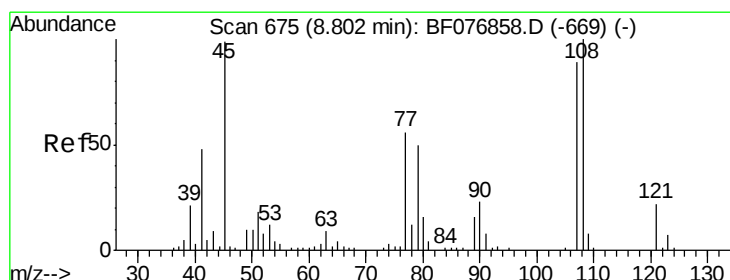
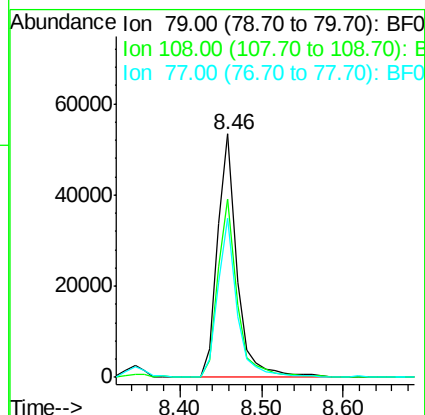
Tot Ion: 79 Resp: 89263

Ion Ratio Lower Upper

79 100

108 73.3 57.2 85.8

77 65.6 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.65 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

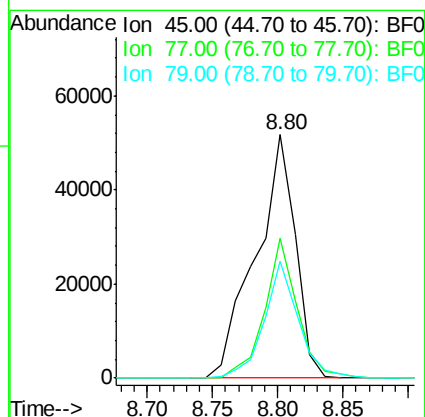
Tgt Ion: 45 Resp: 109839

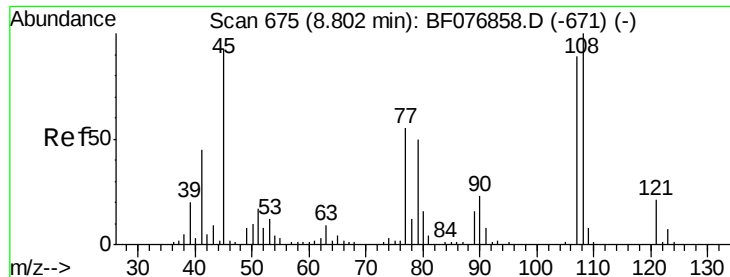
Ion Ratio Lower Upper

45 100

77 57.3 36.1 76.1

79 48.2 30.5 70.5





#17

2-Methylphenol

Concen: 35.83 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 68092

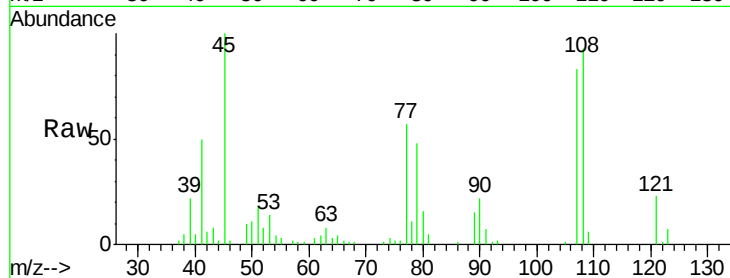
Ion Ratio Lower Upper

107 100

108 112.2 89.7 134.5

77 69.4 50.1 75.1

79 58.4 45.0 67.6

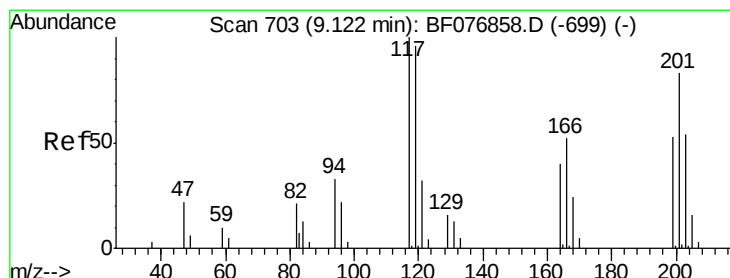
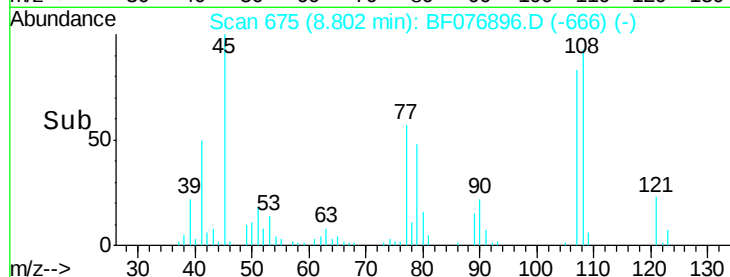
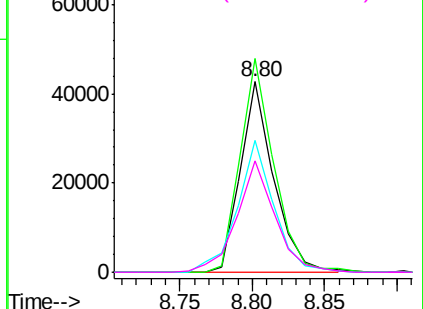


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.88 ng

RT: 9.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

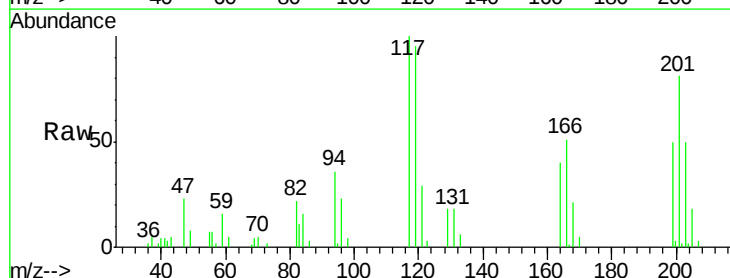
Tgt Ion:117 Resp: 36958

Ion Ratio Lower Upper

117 100

119 94.6 77.1 115.7

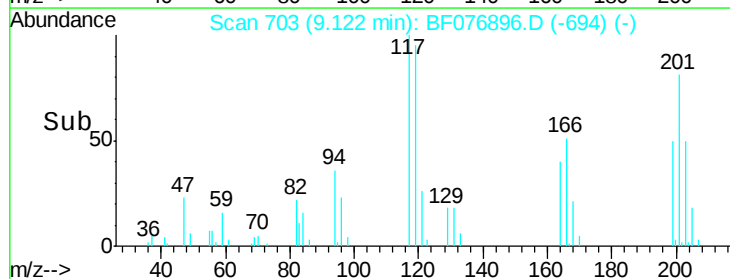
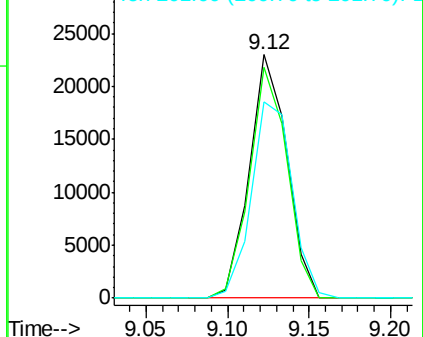
201 80.8 66.8 100.2

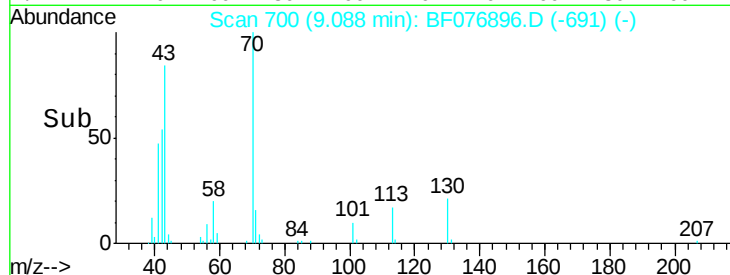
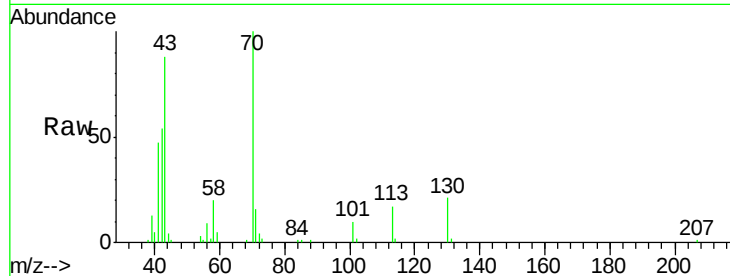
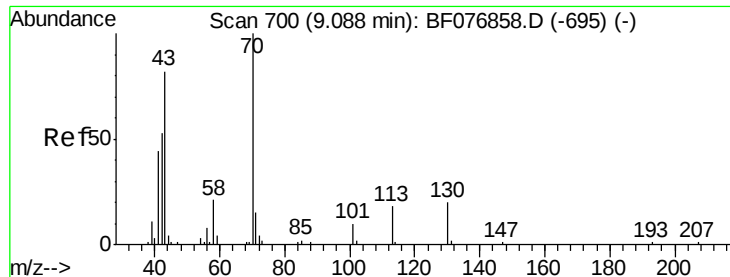


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

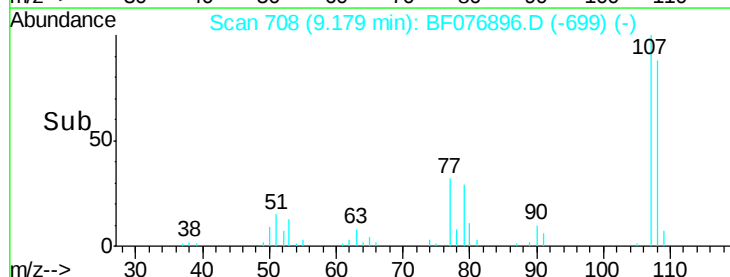
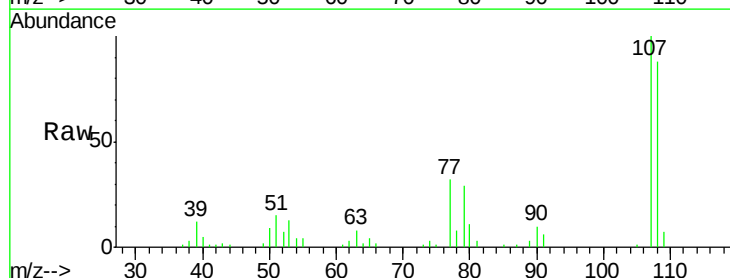
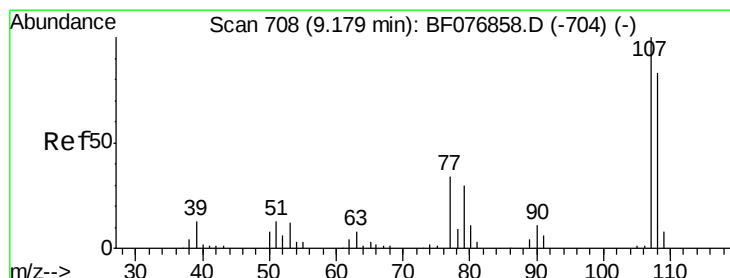
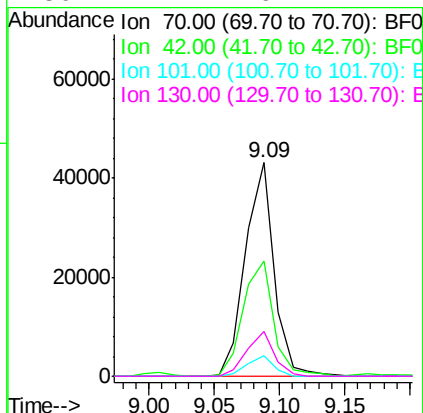




#19
n-Nitroso-di-n-propylamine
Concen: 37.43 ng
RT: 9.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

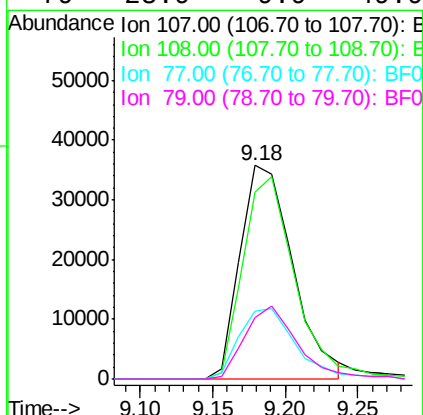
Instrument :
BNA_F
ClientSampleId :

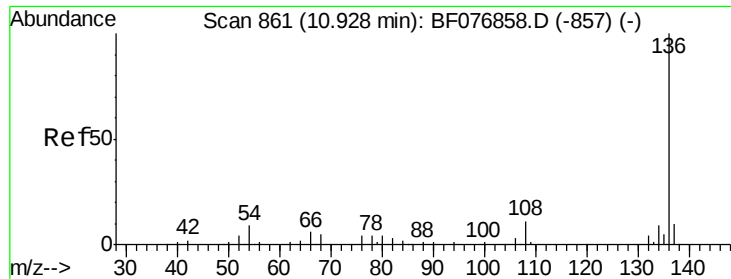
Tot Ion:	70	Resp:	66670
Ion	Ratio	Lower	Upper
70	100		
42	53.9	42.1	63.1
101	9.7	7.8	11.8
130	21.2	16.2	24.4



#20
3+4-Methylphenols
Concen: 35.90 ng
RT: 9.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:	107	Resp:	90321
Ion	Ratio	Lower	Upper
107	100		
108	87.7	63.5	103.5
77	32.1	14.0	54.0
79	28.9	9.9	49.9

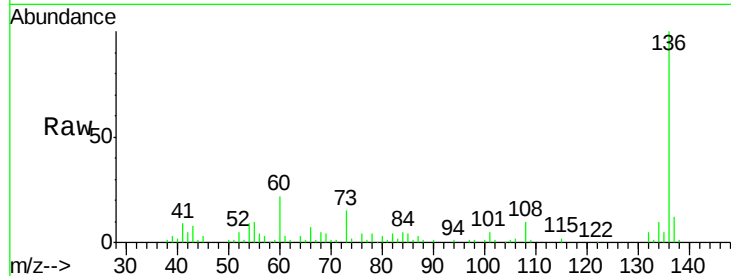




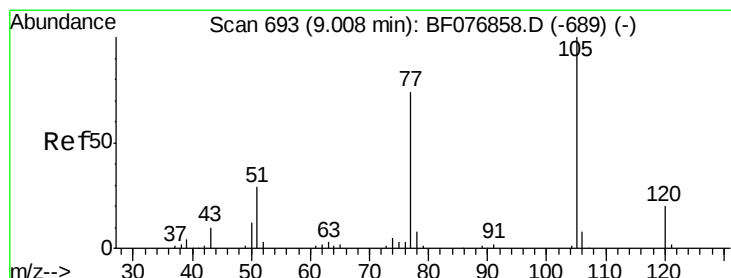
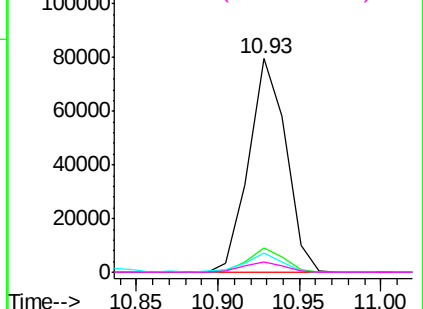
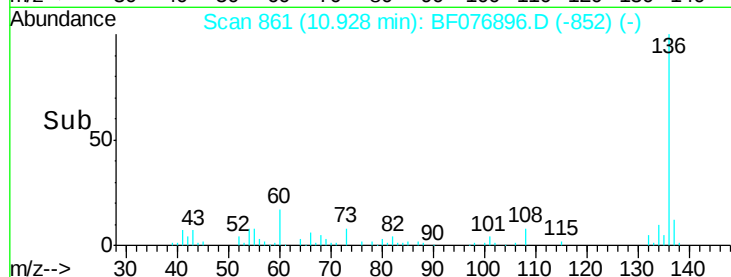
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	126227
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.1	12.1
54 9.0	7.0	10.4
68 4.7	3.7	5.5

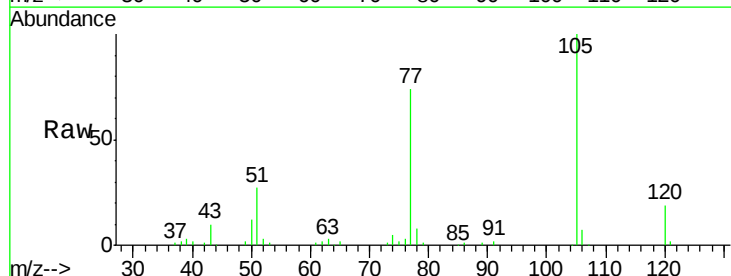


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

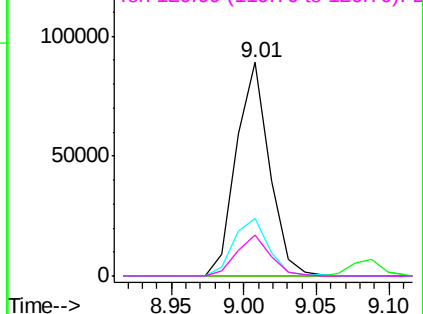
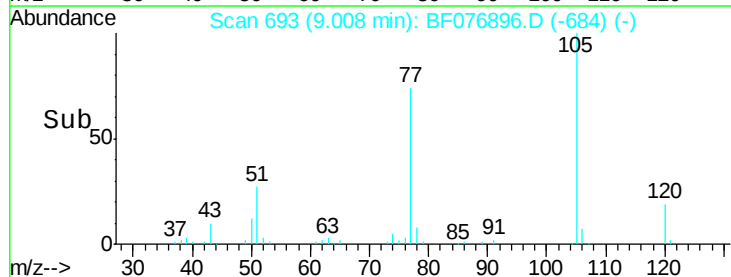


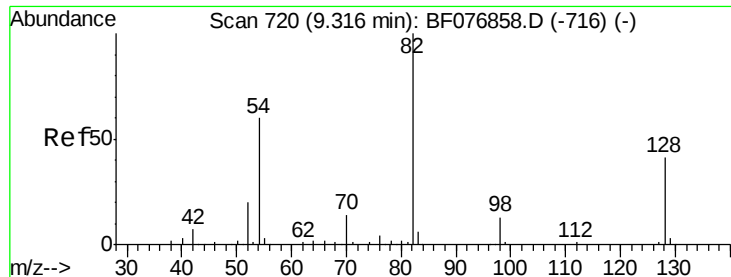
#22
Acetophenone
Concen: 45.64 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt	Ion:105	Resp:	141119
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	27.0	23.3	34.9
120	19.4	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

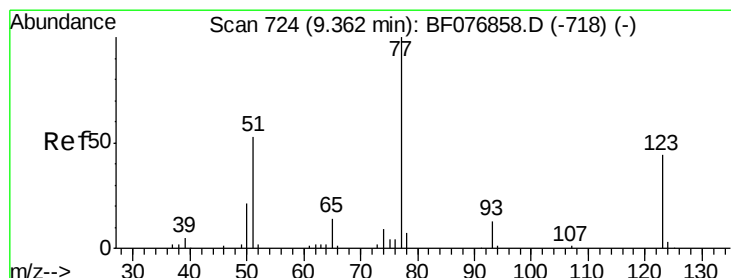
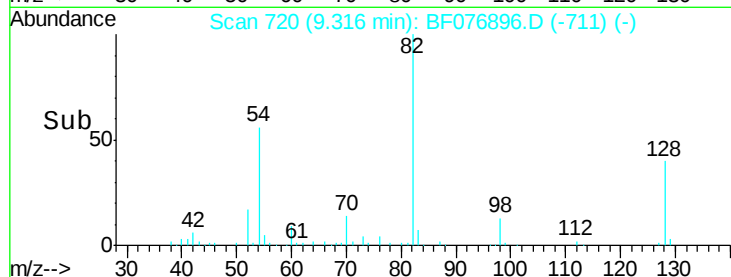
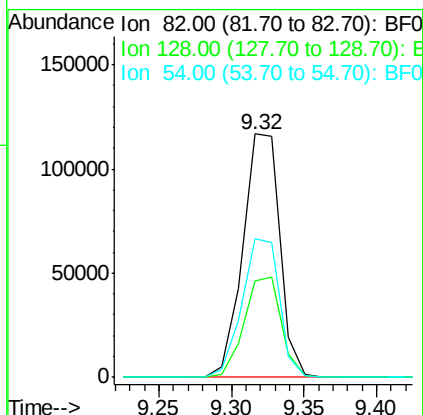
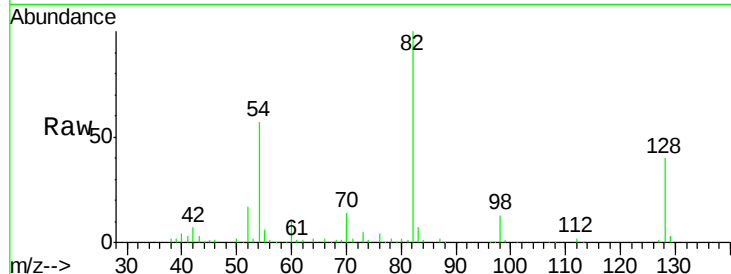




#23
 Nitrobenzene-d5
 Concen: 90.54 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

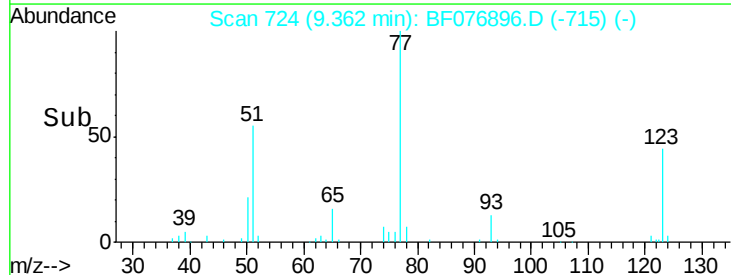
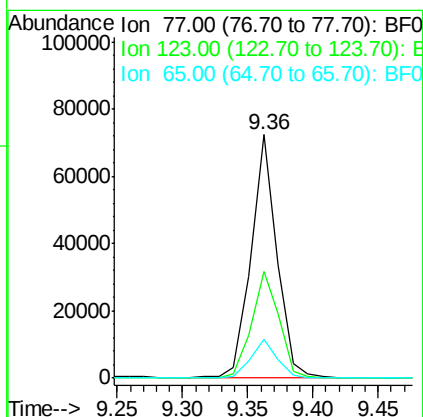
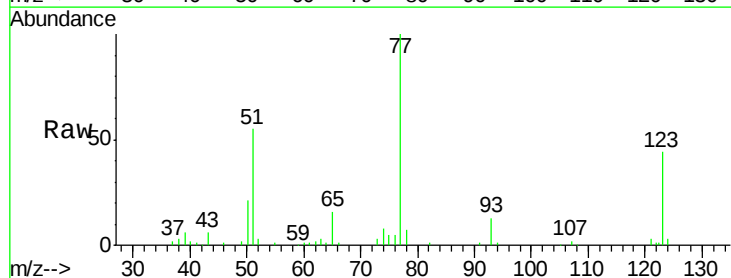
Instrument :
 BNA_F
 ClientSampleID :

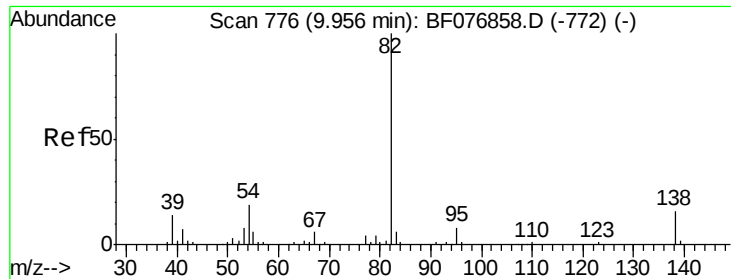
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.1	49.7
54	56.9	48.3	72.5



#24
 Nitrobenzene
 Concen: 43.29 ng
 RT: 9.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	35.2	52.8
65	16.0	11.4	17.2





#25

Isophorone

Concen: 43.31 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampleId :

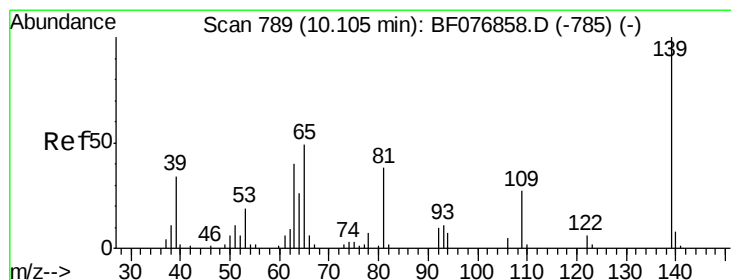
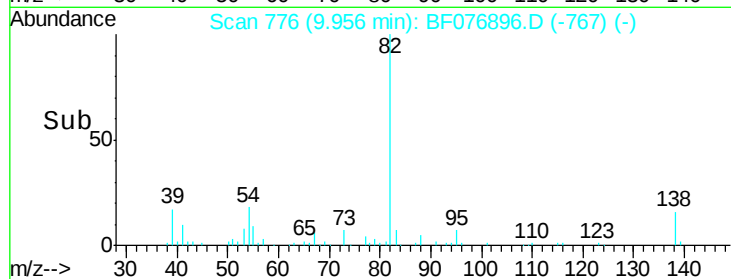
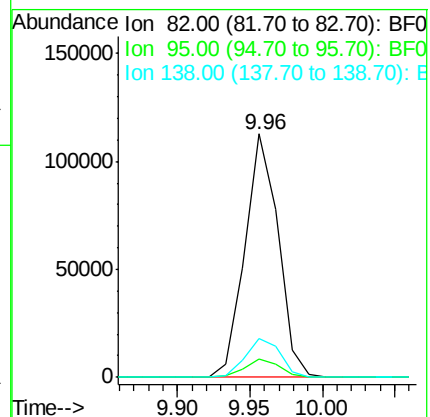
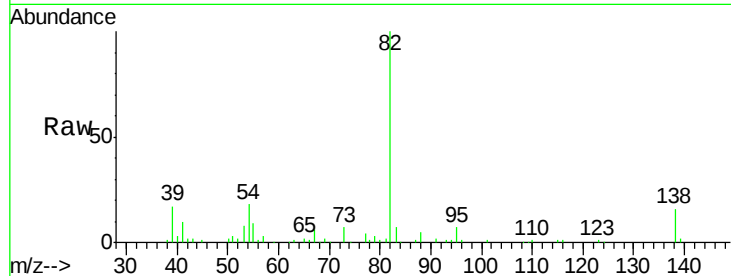
Tot Ion: 82 Resp: 179709

Ion Ratio Lower Upper

82 100

95 7.3 6.6 10.0

138 16.0 12.6 18.8



#26

2-Nitrophenol

Concen: 41.60 ng

RT: 10.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

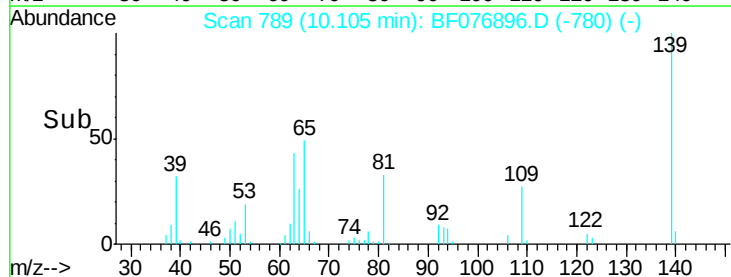
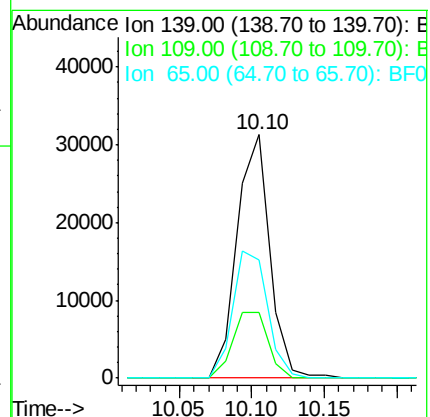
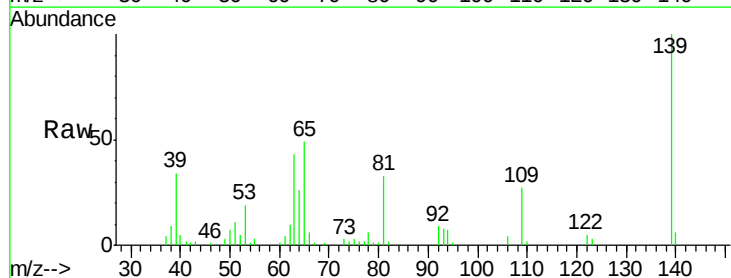
Tgt Ion: 139 Resp: 49153

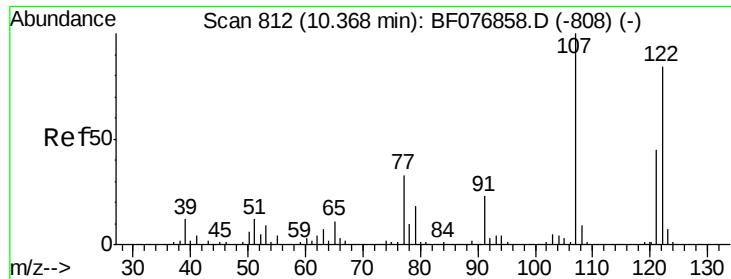
Ion Ratio Lower Upper

139 100

109 27.2 21.3 31.9

65 48.6 39.4 59.0

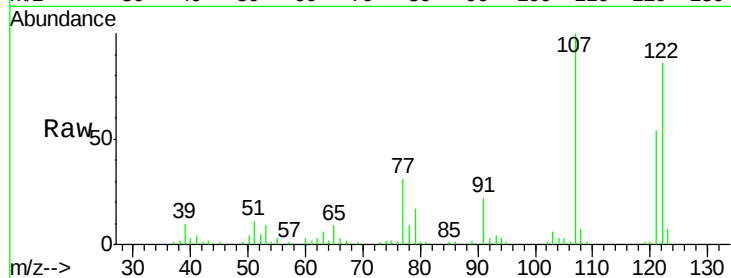




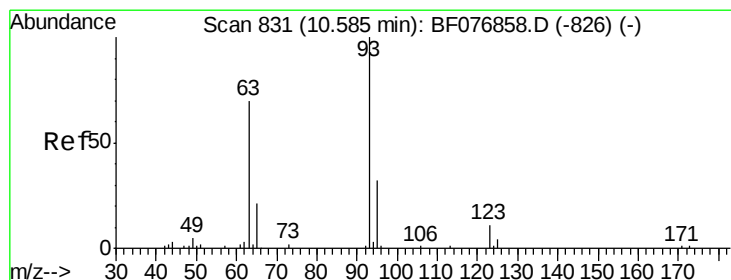
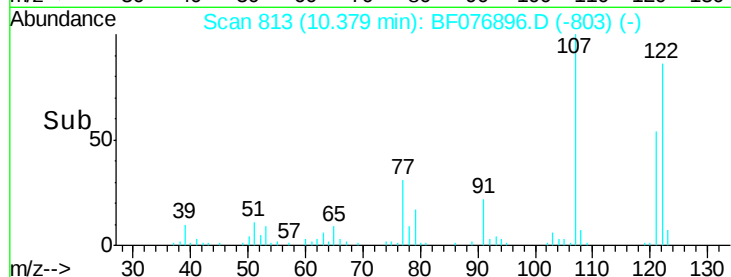
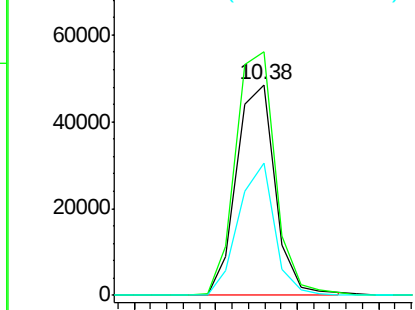
#27
 2,4-Dimethylphenol
 Concen: 44.50 ng
 RT: 10.38 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 79873
 Ion Ratio Lower Upper
 122 100
 107 115.7 95.2 142.8
 121 62.8 42.9 64.3

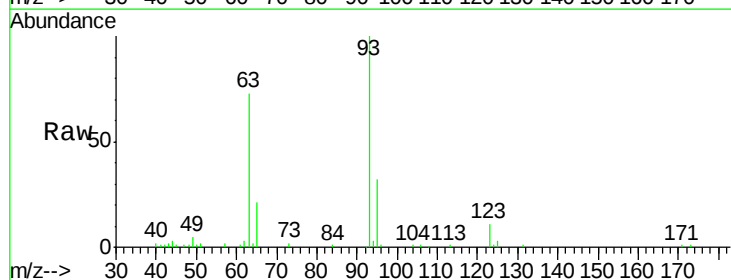


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

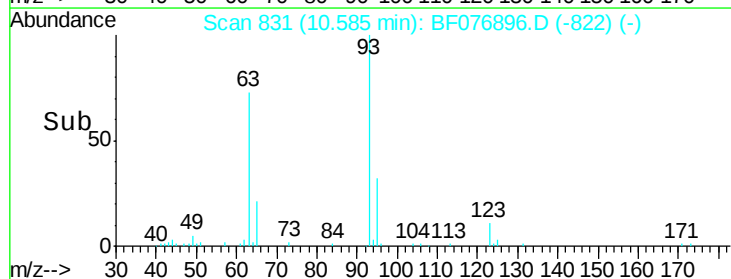
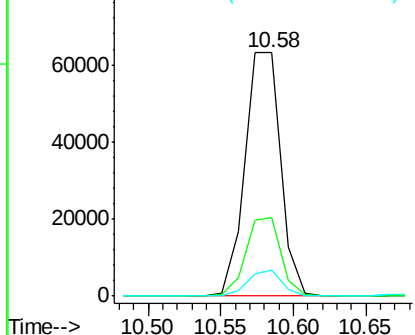


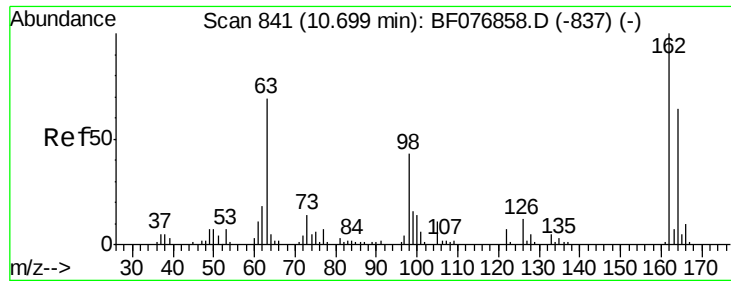
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.76 ng
 RT: 10.58 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Tgt Ion: 93 Resp: 107916
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.6 38.4
 123 10.8 8.9 13.3



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

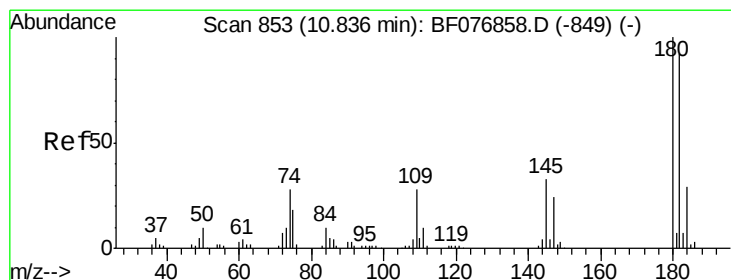
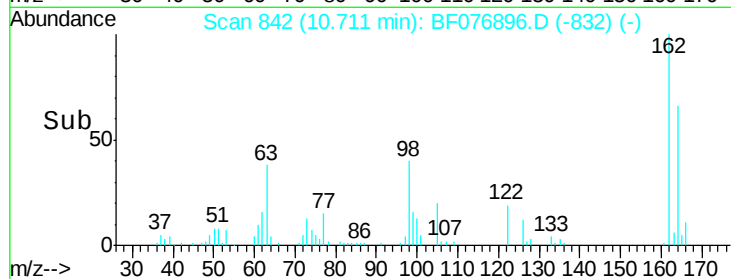
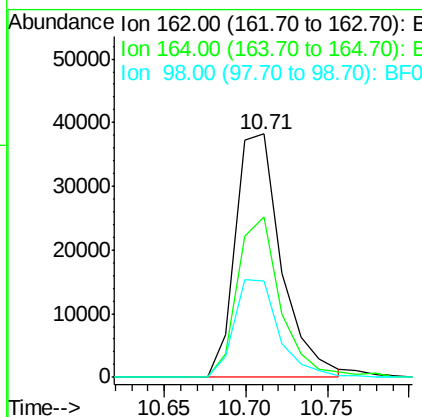
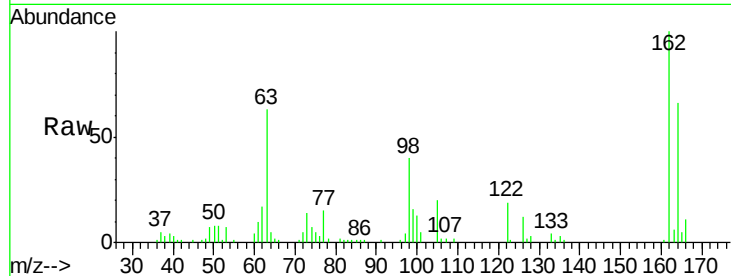




#29
 2,4-Dichlorophenol
 Concen: 44.71 ng
 RT: 10.71 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

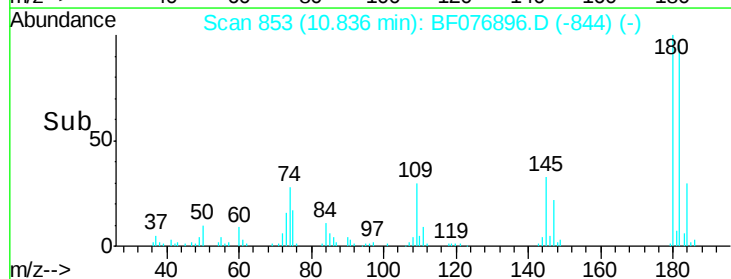
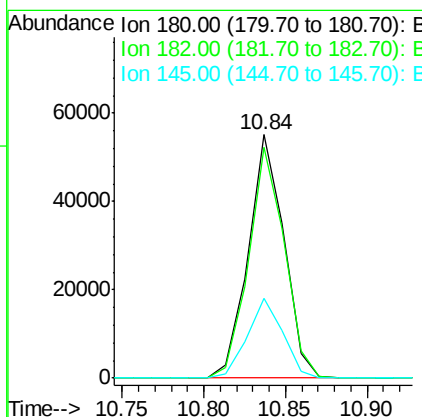
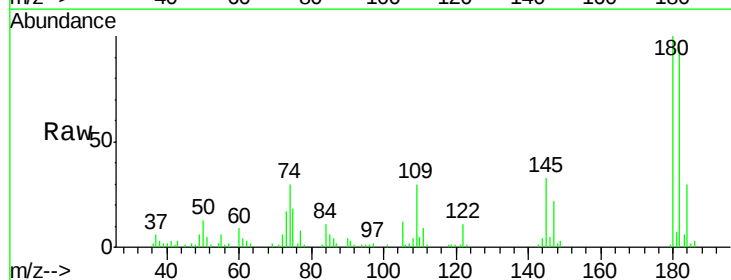
Instrument :
 BNA_F
 ClientSampled :

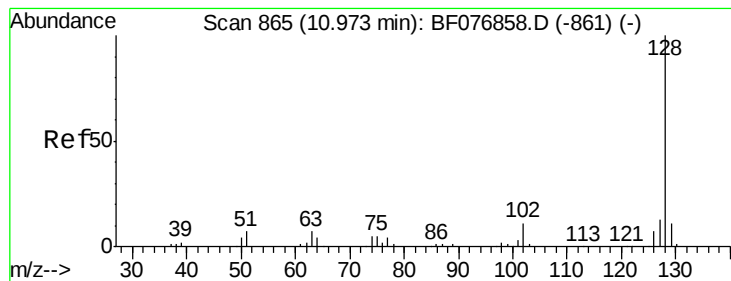
Tot Ion:162 Resp: 74788
 Ion Ratio Lower Upper
 162 100
 164 66.0 43.8 83.8
 98 39.5 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 44.94 ng
 RT: 10.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Tgt Ion:180 Resp: 83503
 Ion Ratio Lower Upper
 180 100
 182 94.7 73.6 110.4
 145 33.0 26.6 39.8





#31

Naphthalene

Concen: 43.26 ng

RT: 10.97 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampleId :

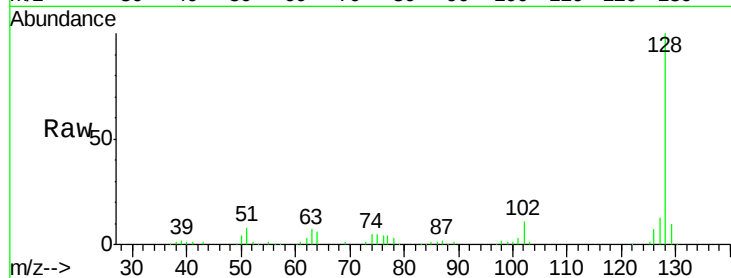
Tot Ion:128 Resp: 281159

Ion Ratio Lower Upper

128 100

129 10.2 9.0 13.6

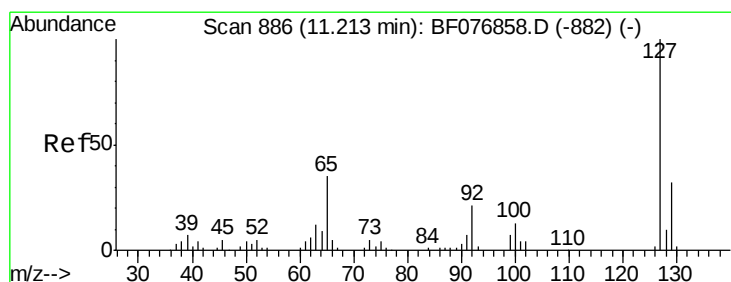
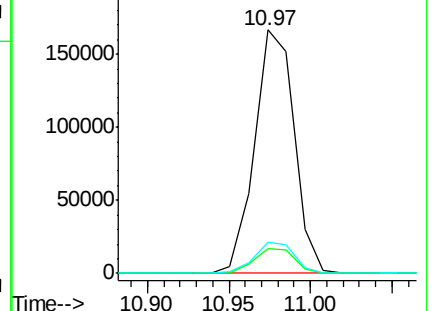
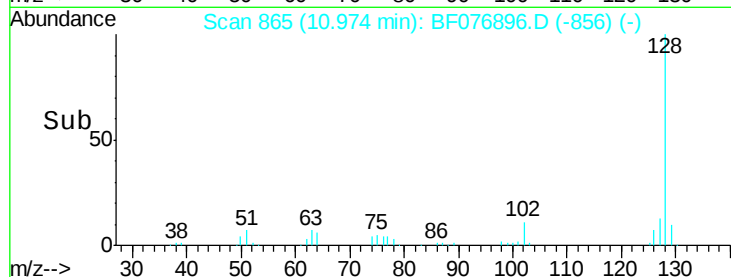
127 13.0 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 4.49 ng

RT: 11.23 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Tgt Ion:127 Resp: 11789

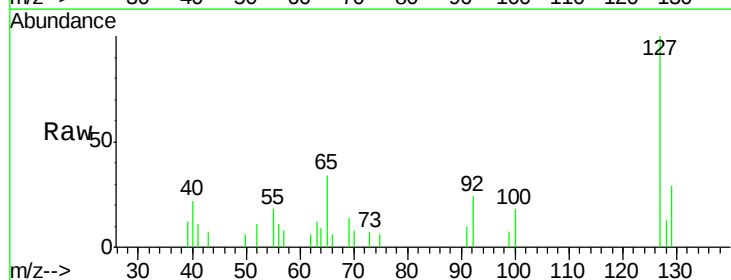
Ion Ratio Lower Upper

127 100

129 29.3 25.3 37.9

65 34.0 27.8 41.6

92 24.0 16.5 24.7

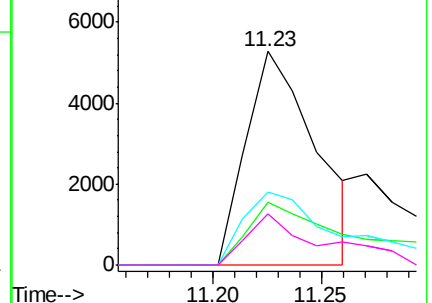
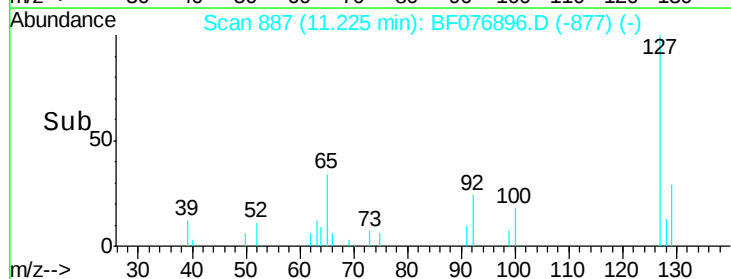


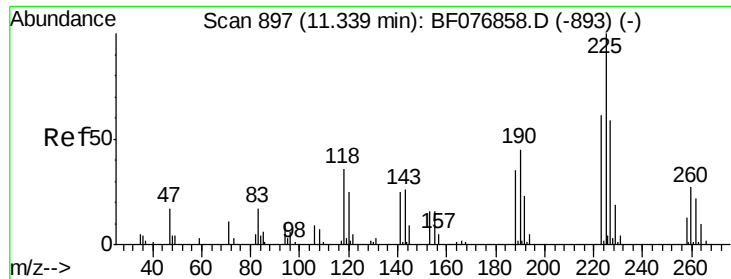
Abundance Ion 127.00 (126.70 to 127.70): E

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

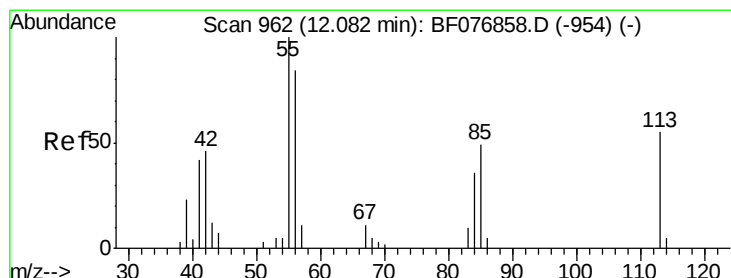
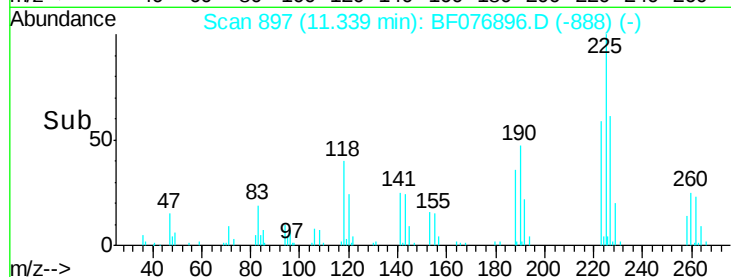
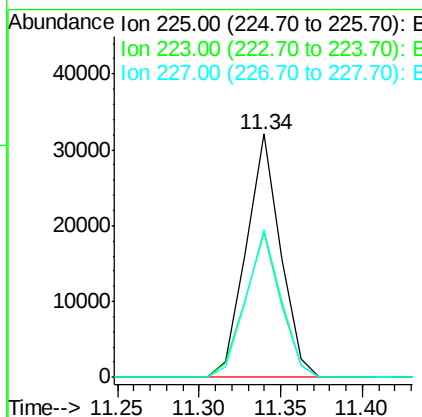
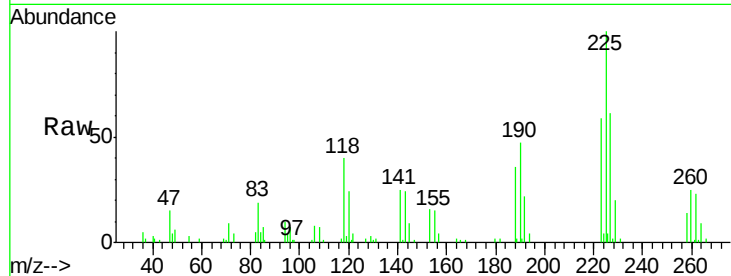




#34
Hexachlorobutadiene
Concen: 42.43 ng
RT: 11.34 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

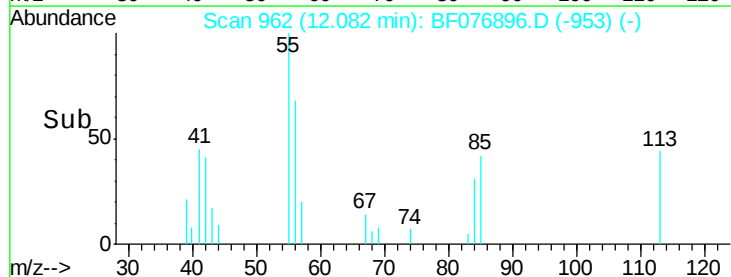
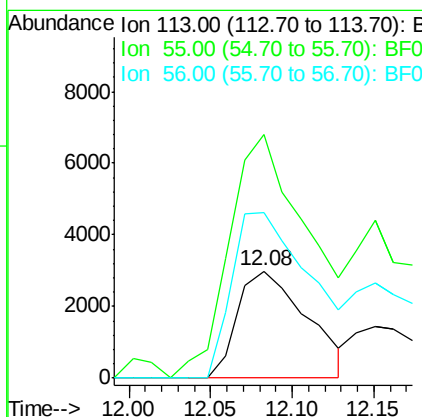
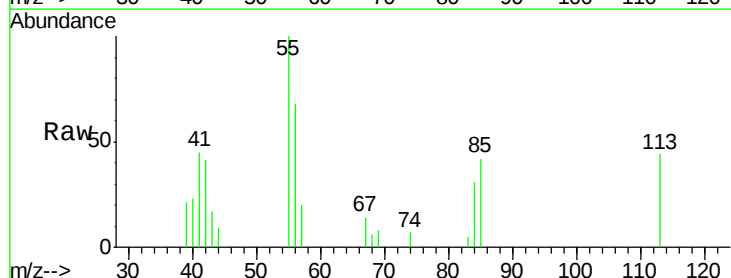
Instrument :
BNA_F
ClientSampleId :

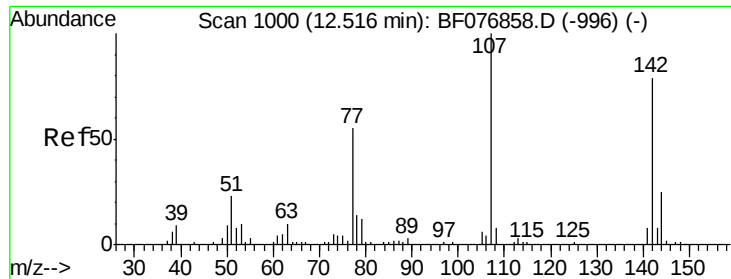
Tot Ion:225 Resp: 46779
Ion Ratio Lower Upper
225 100
223 59.5 49.1 73.7
227 60.8 47.5 71.3



#35
Caprolactam
Concen: 17.79 ng
RT: 12.08 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:113 Resp: 8759
Ion Ratio Lower Upper
113 100
55 227.3 162.1 202.1#
56 154.2 133.7 173.7

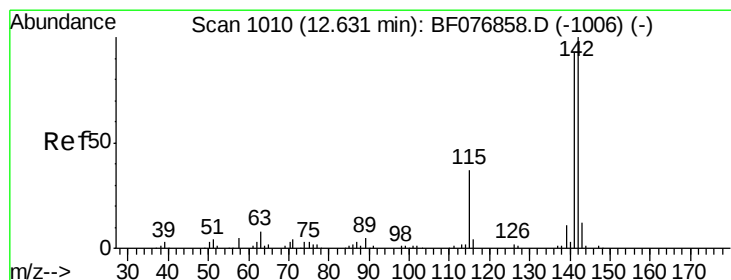
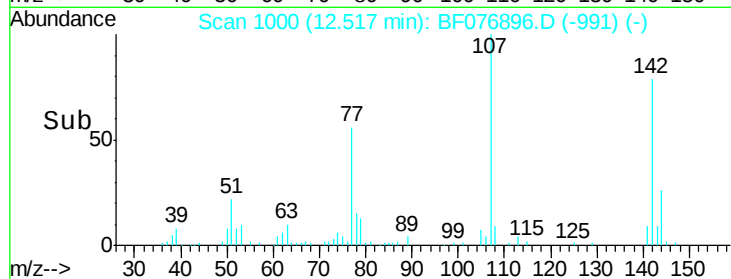
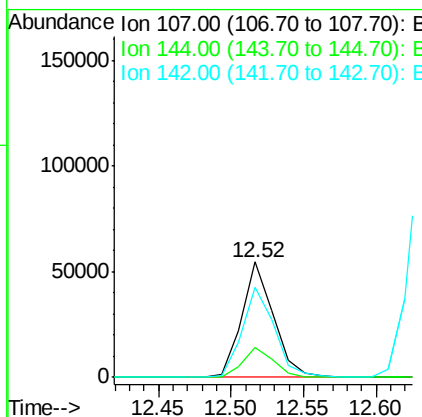
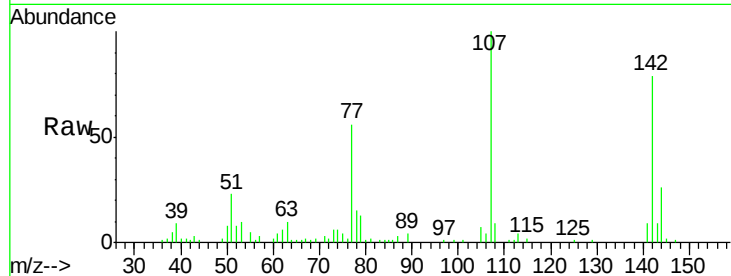




#36
 4-Chloro-3-methylphenol
 Concen: 43.57 ng
 RT: 12.52 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

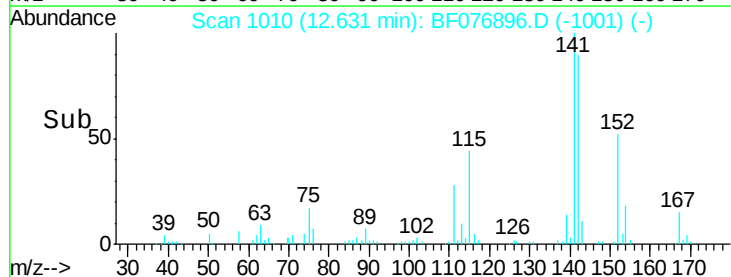
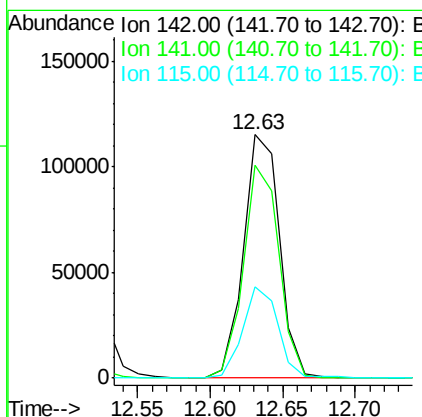
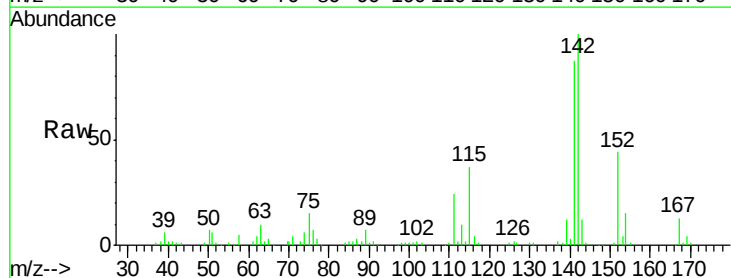
Instrument :
 BNA_F
 ClientSampleId :

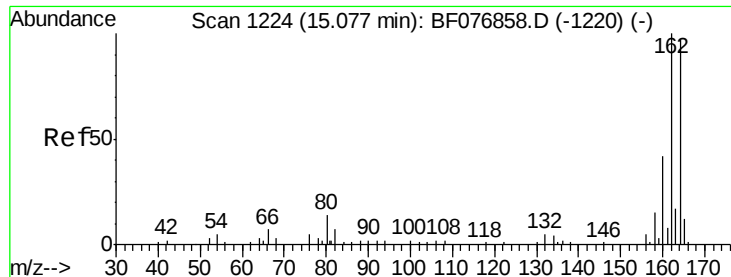
Tot Ion:107 Resp: 83448
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.0 30.0
 142 78.6 63.5 95.3



#37
 2-Methylnaphthalene
 Concen: 44.61 ng
 RT: 12.63 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Tgt Ion:142 Resp: 198005
 Ion Ratio Lower Upper
 142 100
 141 87.5 74.5 111.7
 115 37.3 29.7 44.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.08 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampleId :

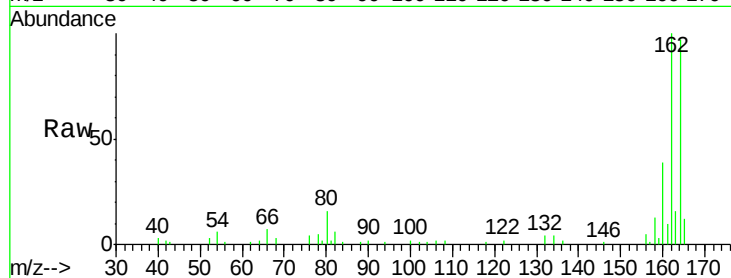
Tot Ion:164 Resp: 68063

Ion Ratio Lower Upper

164 100

162 103.1 82.4 123.6

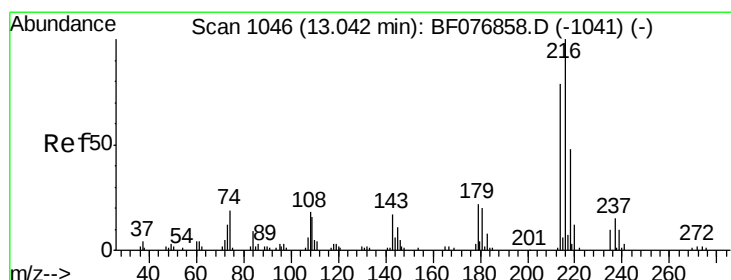
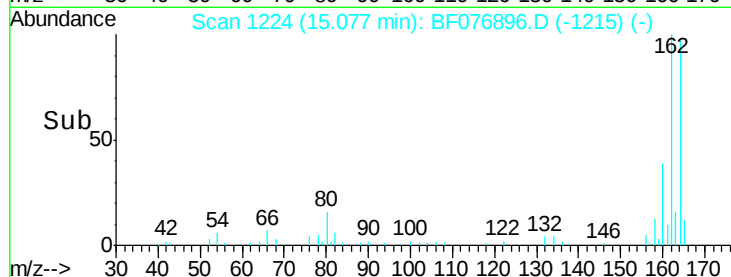
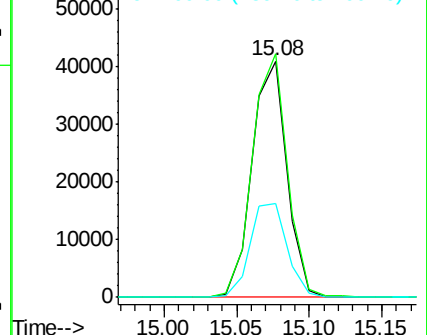
160 39.7 34.8 52.2



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: 44.89 ng

RT: 13.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Tgt Ion:216 Resp: 75540

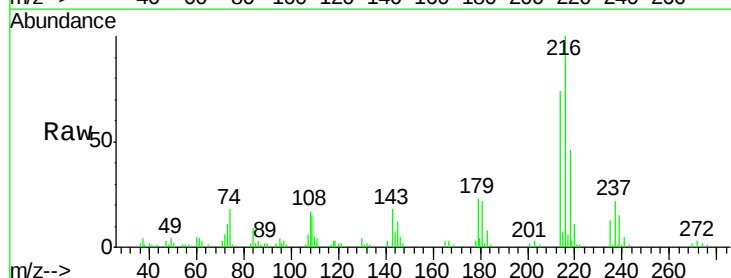
Ion Ratio Lower Upper

216 100

214 76.1 64.9 97.3

179 23.3 18.6 28.0

108 23.7 18.1 27.1

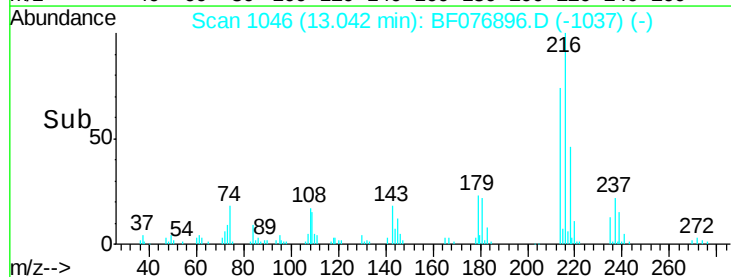
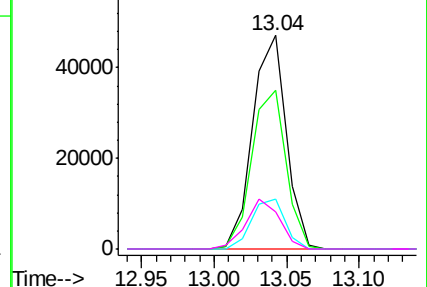


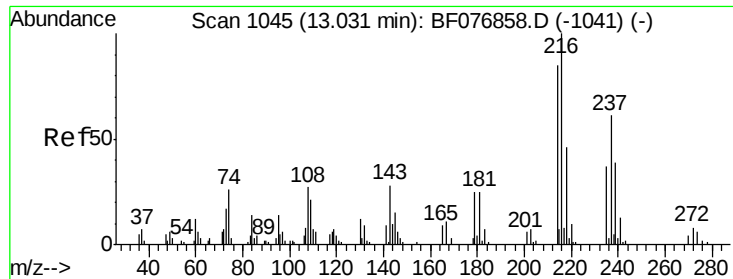
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

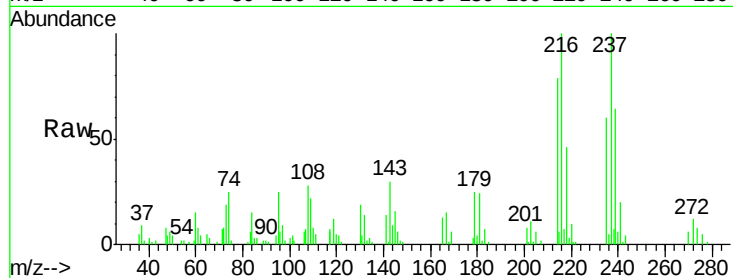




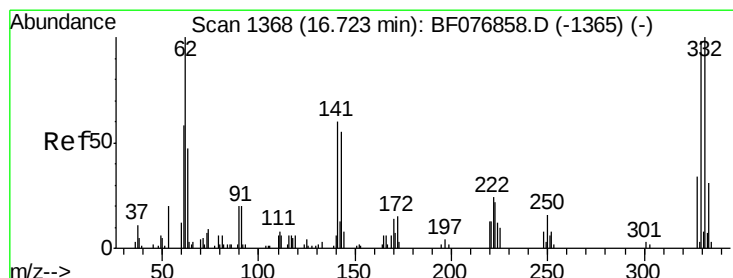
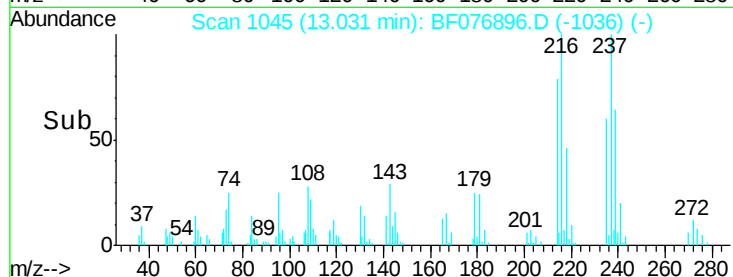
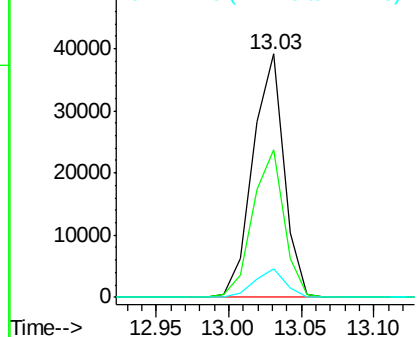
#40
Hexachlorocyclopentadiene
Concen: 65.15 ng
RT: 13.03 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 58199
Ion Ratio Lower Upper
237 100
235 60.4 40.4 80.4
272 11.7 0.0 33.2

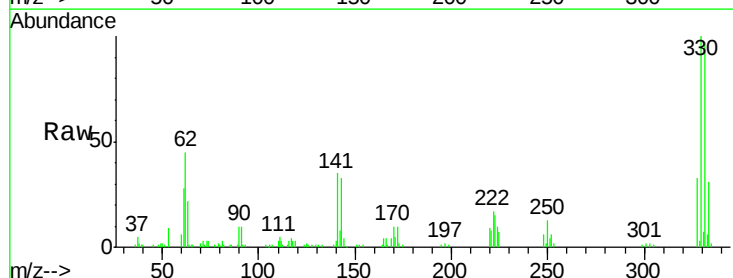


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

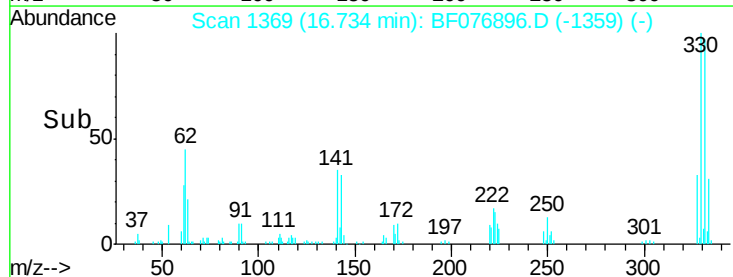
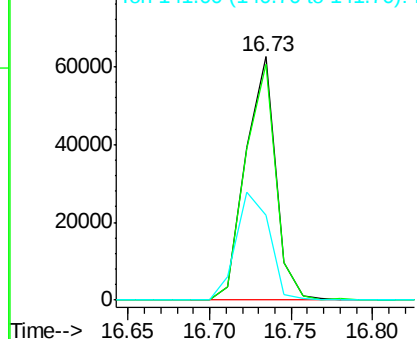


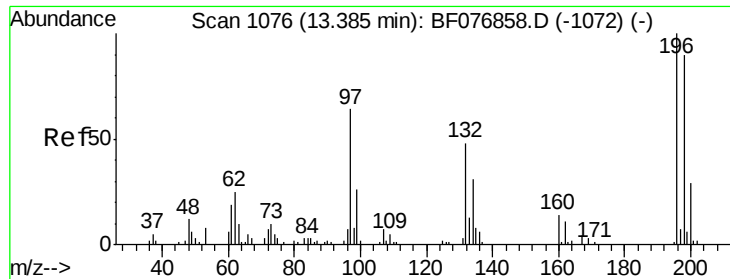
#41
2,4,6-Tribromophenol
Concen: 144.53 ng
RT: 16.73 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:330 Resp: 79853
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.6
141 49.4 38.5 57.7



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

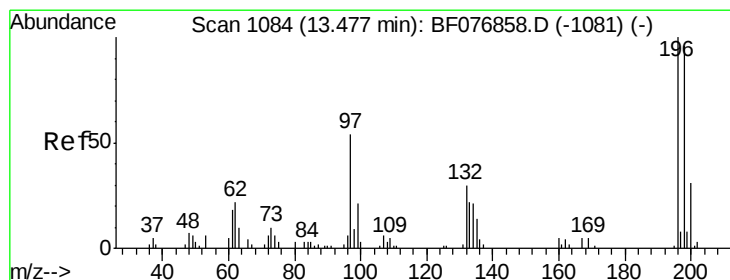
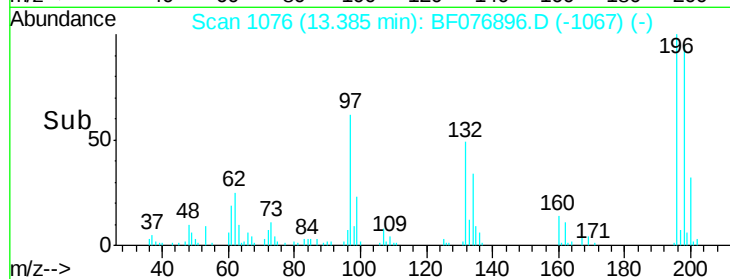
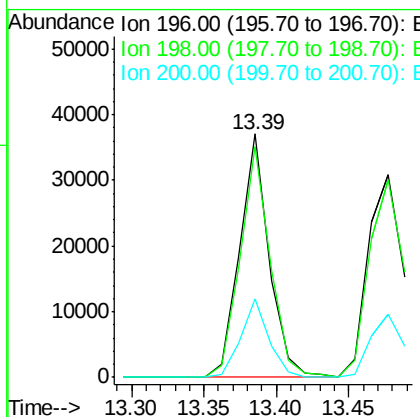
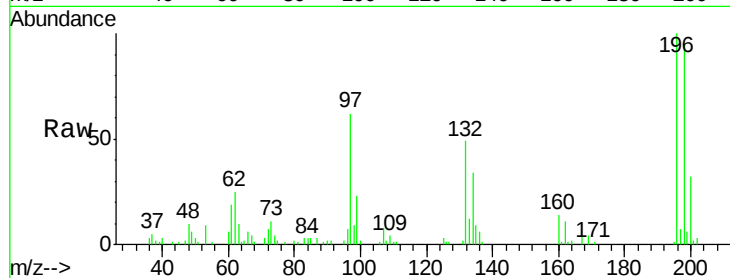




#42
 2,4,6-Trichlorophenol
 Concen: 42.54 ng
 RT: 13.39 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

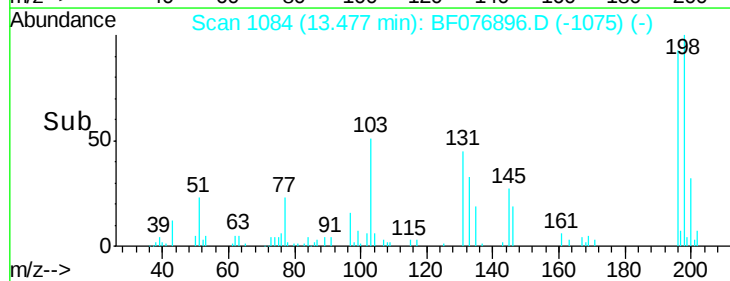
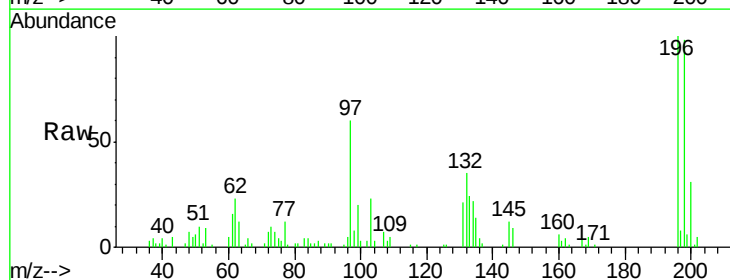
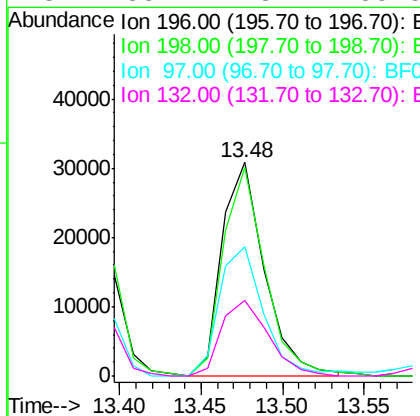
Instrument :
 BNA_F
 ClientSampled :

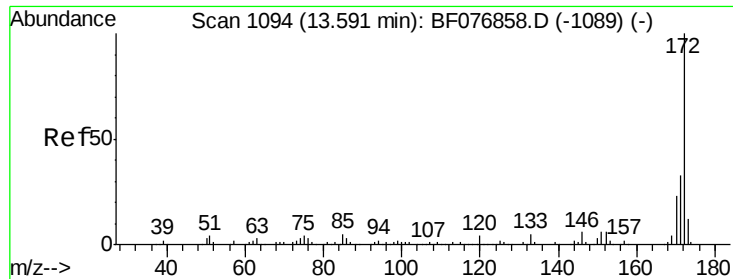
Tot Ion:196 Resp: 52157
 Ion Ratio Lower Upper
 196 100
 198 94.7 72.0 108.0
 200 32.1 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 44.73 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Tgt Ion:196 Resp: 55937
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.6 115.0
 97 60.3 43.4 65.0
 132 35.4 23.7 35.5

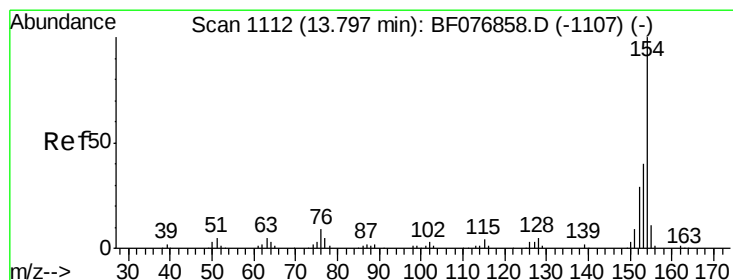
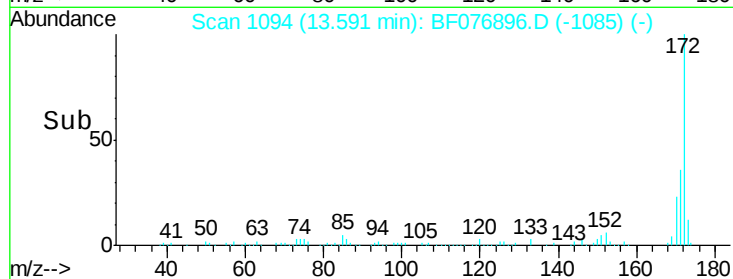
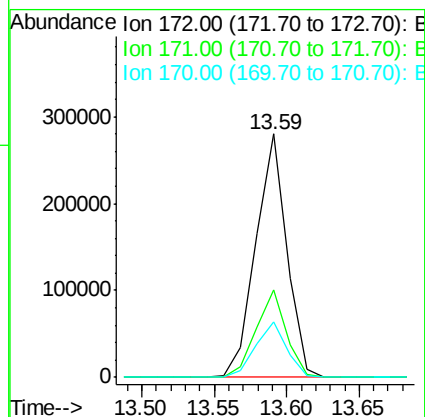
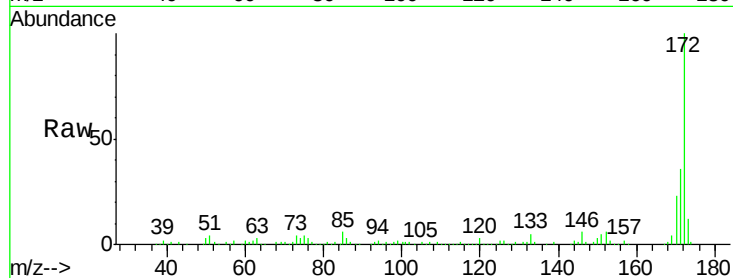




#44
2-Fluorobiphenyl
Concen: 92.80 ng
RT: 13.59 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

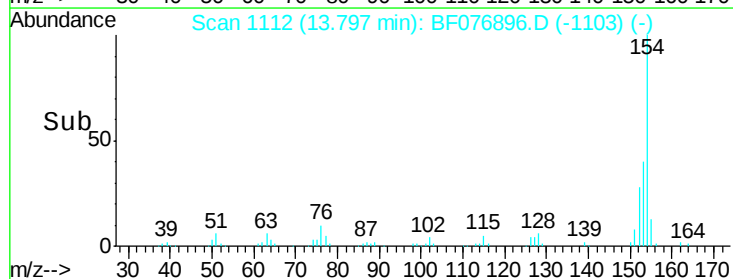
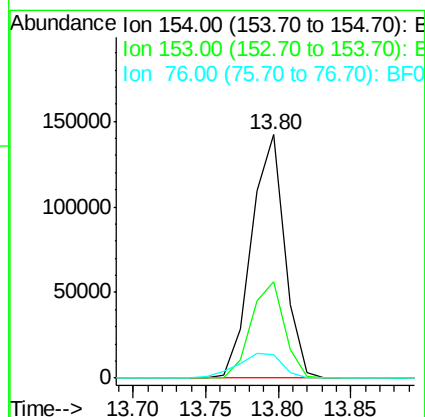
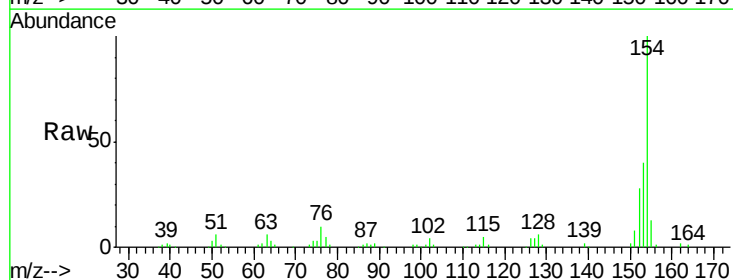
Instrument :
BNA_F
ClientSampleId :

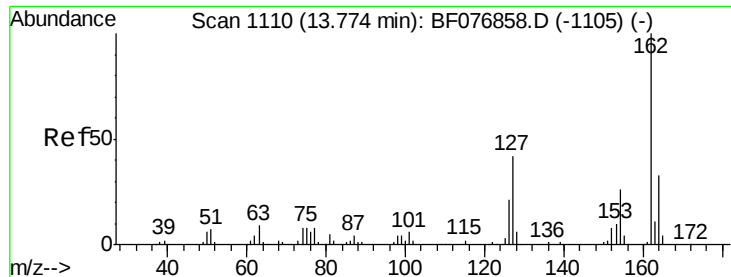
Tot Ion:172 Resp: 415063
Ion Ratio Lower Upper
172 100
171 35.7 26.6 40.0
170 22.8 18.0 27.0



#45
1,1'-Biphenyl
Concen: 44.66 ng
RT: 13.80 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:154 Resp: 225347
Ion Ratio Lower Upper
154 100
153 39.6 20.2 60.2
76 9.7 0.0 29.0

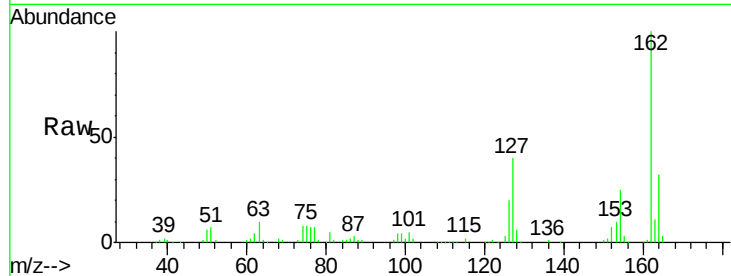




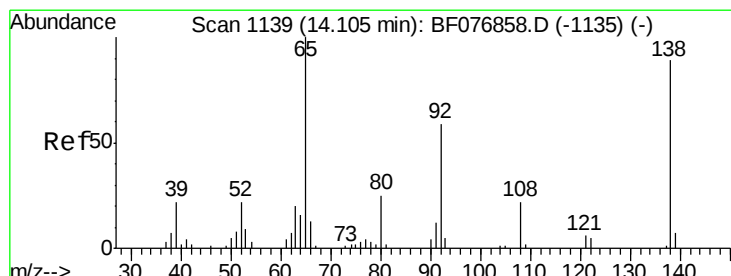
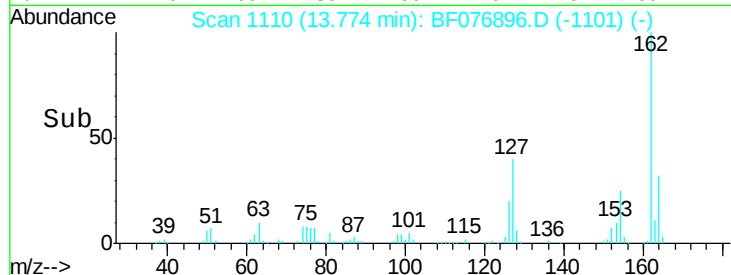
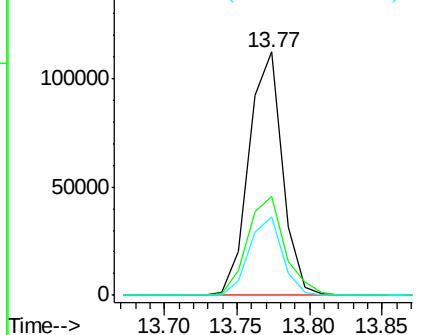
#46
 2-Chloronaphthalene
 Concen: 43.26 ng
 RT: 13.77 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 179634
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.8 50.6
 164 32.3 26.8 40.2

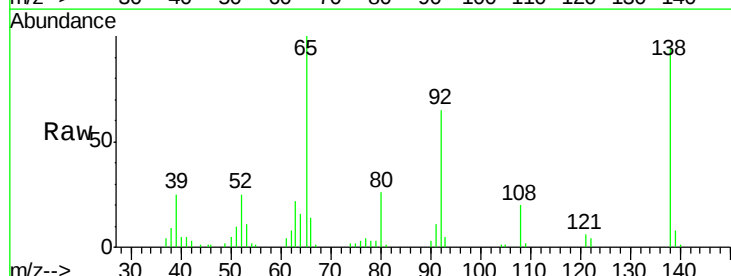


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

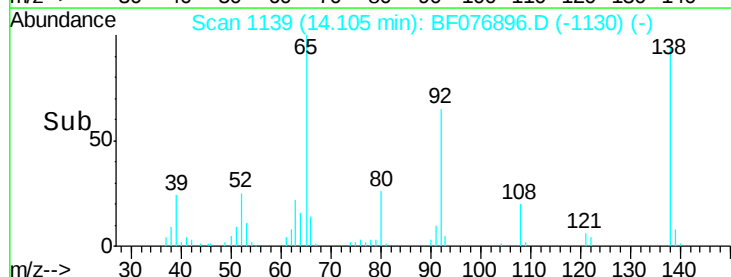
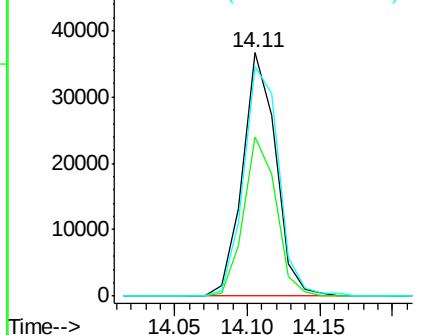


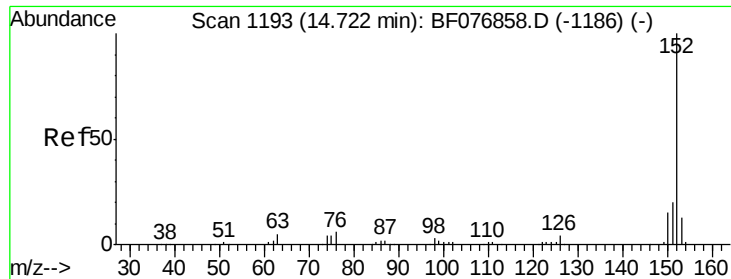
#47
 2-Nitroaniline
 Concen: 46.26 ng
 RT: 14.11 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Tgt Ion: 65 Resp: 58264
 Ion Ratio Lower Upper
 65 100
 92 65.4 47.3 70.9
 138 94.2 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: 41.45 ng

RT: 14.72 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampleId :

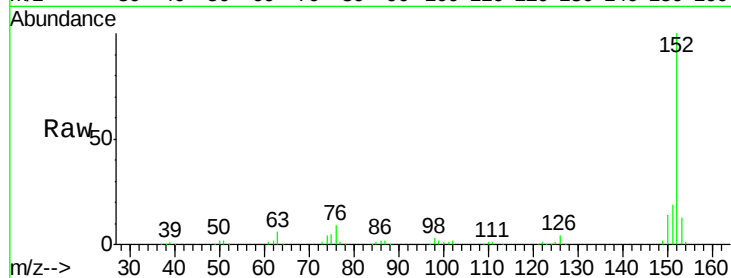
Tot Ion:152 Resp: 290326

Ion Ratio Lower Upper

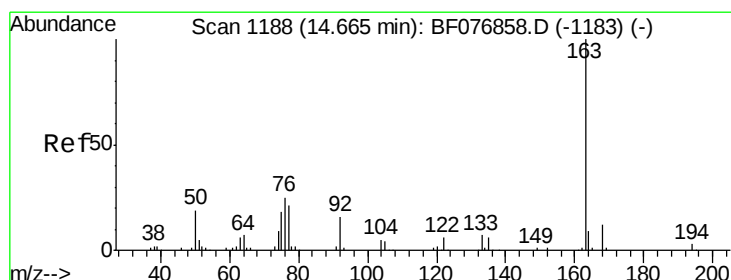
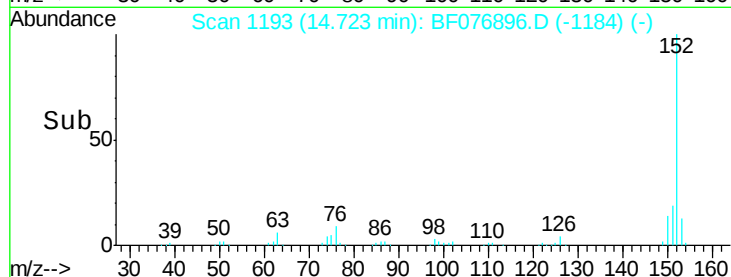
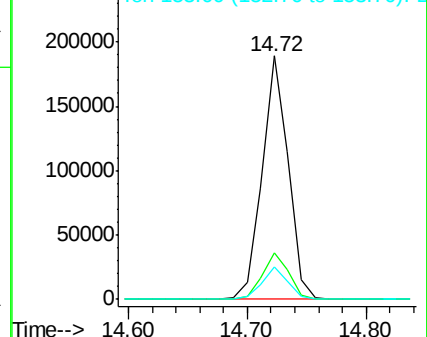
152 100

151 19.3 15.9 23.9

153 13.3 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: 217.03 ng

RT: 14.68 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

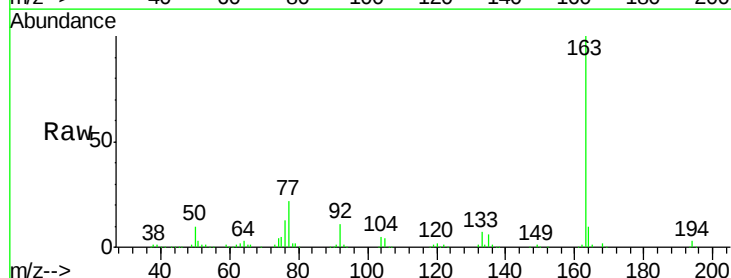
Tgt Ion:163 Resp: 1047574

Ion Ratio Lower Upper

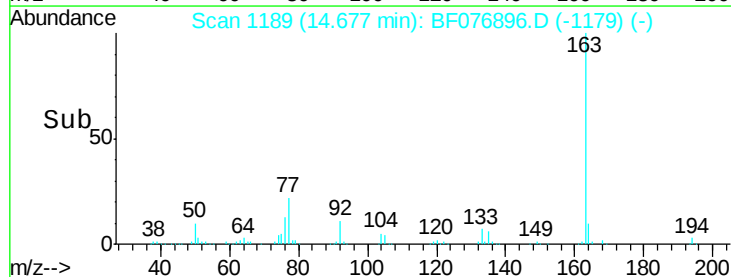
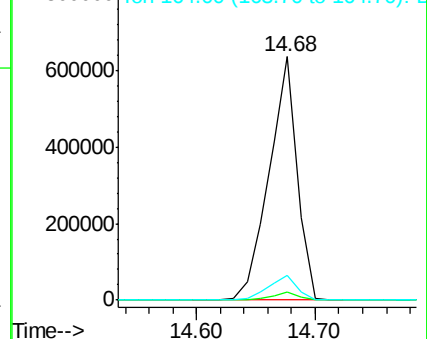
163 100

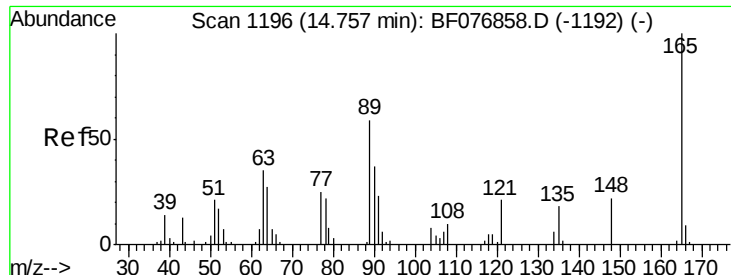
194 3.1 2.6 4.0

164 10.0 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

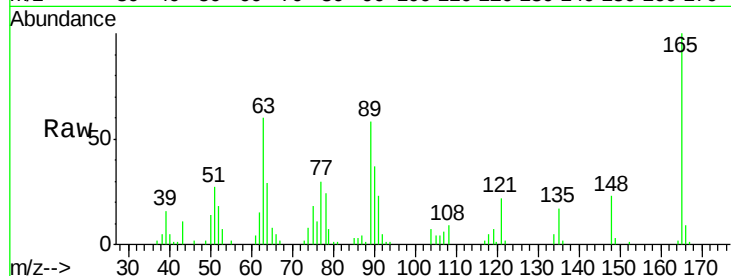




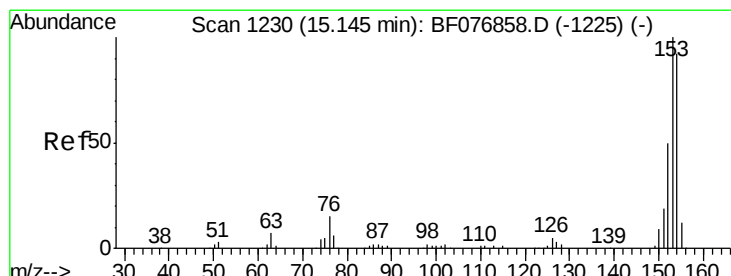
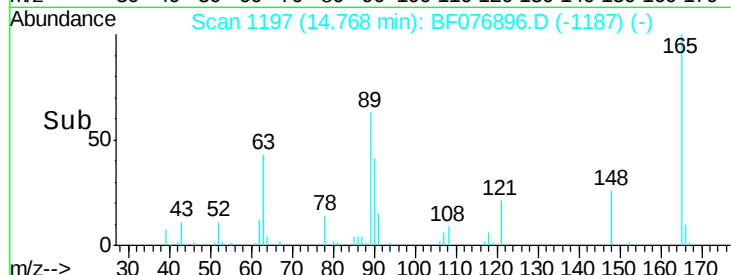
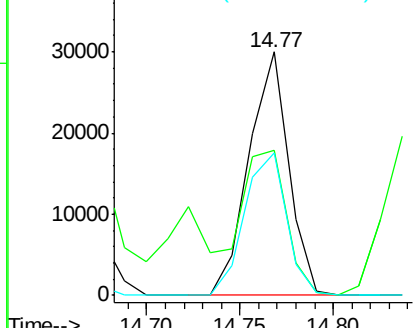
#50
2,6-Dinitrotoluene
Concen: 46.07 ng
RT: 14.77 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 44426
Ion Ratio Lower Upper
165 100
63 59.8 48.1 72.1
89 58.4 47.2 70.8

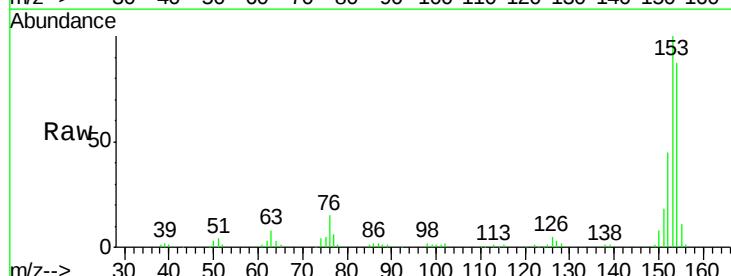


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

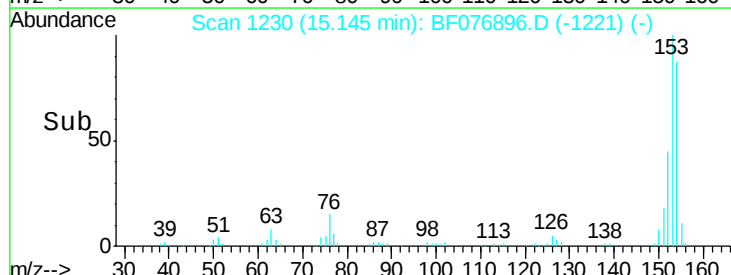
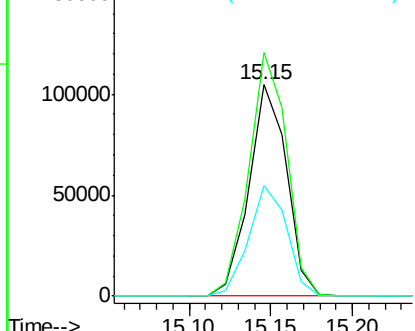


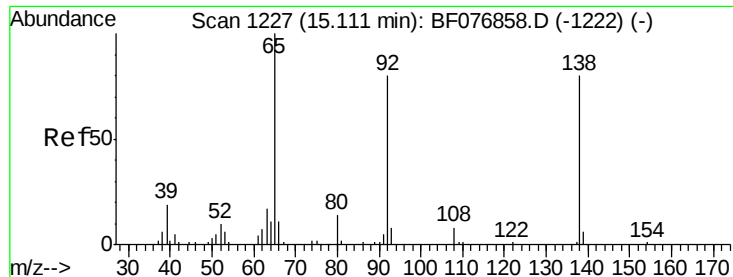
#51
Acenaphthene
Concen: 42.26 ng
RT: 15.15 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:154 Resp: 167932
Ion Ratio Lower Upper
154 100
153 115.1 87.0 130.6
152 52.3 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: 12.29 ng

RT: 15.10 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampled :

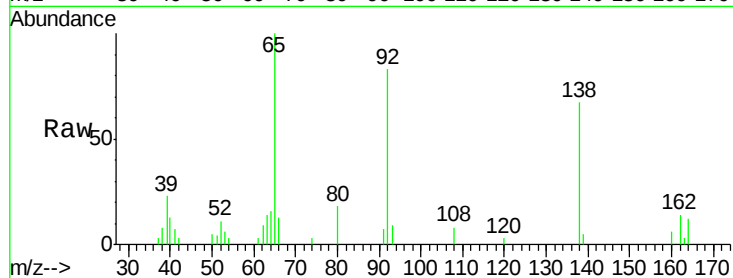
Tot Ion:138 Resp: 13711

Ion Ratio Lower Upper

138 100

108 11.7 8.3 12.5

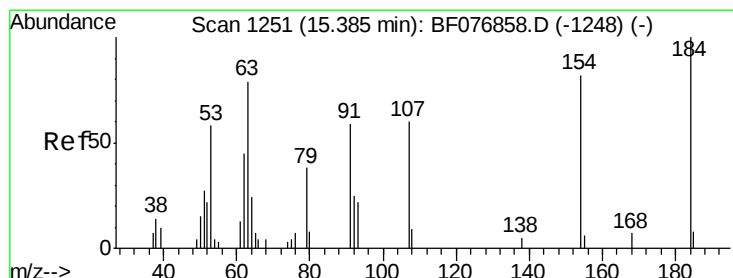
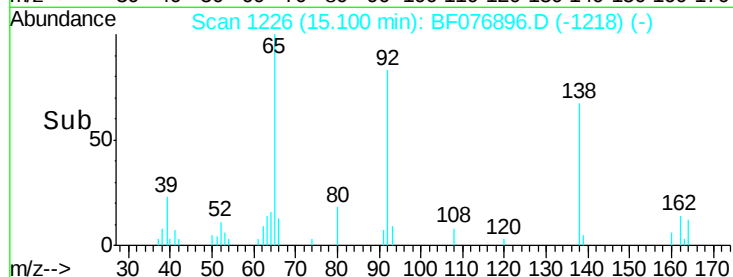
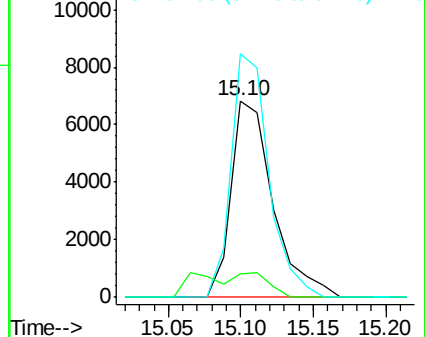
92 124.0 80.9 121.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 70.97 ng

RT: 15.39 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

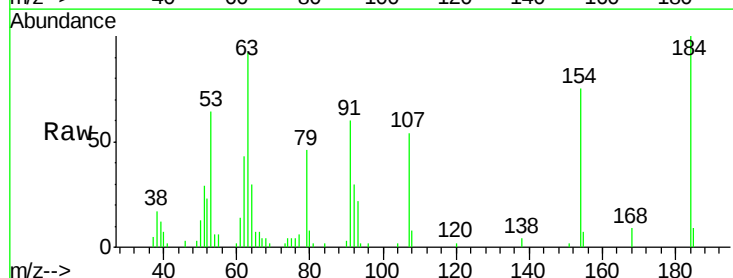
Tgt Ion:184 Resp: 31414

Ion Ratio Lower Upper

184 100

63 92.2 63.0 94.6

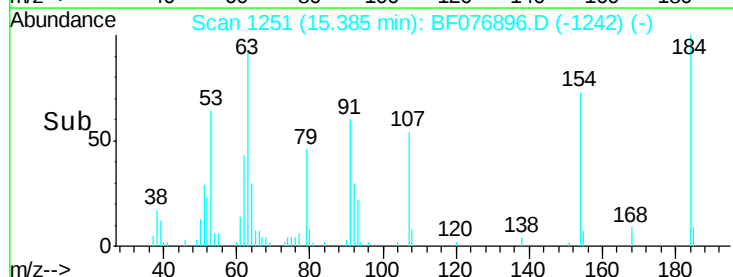
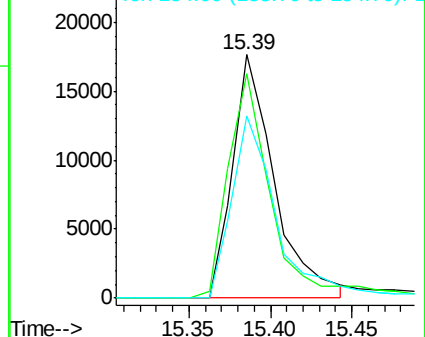
154 74.8 65.5 98.3

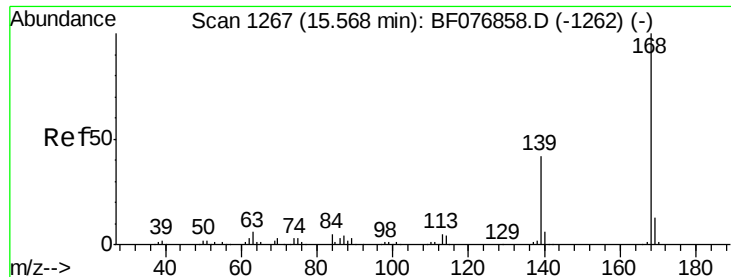


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

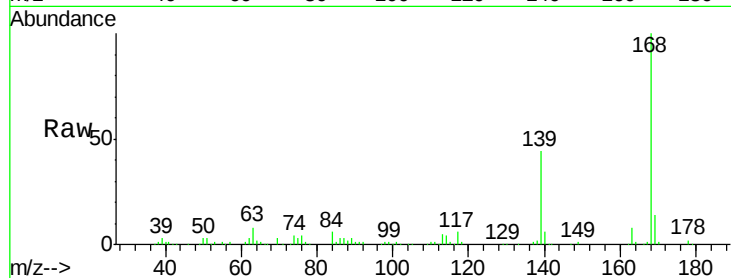




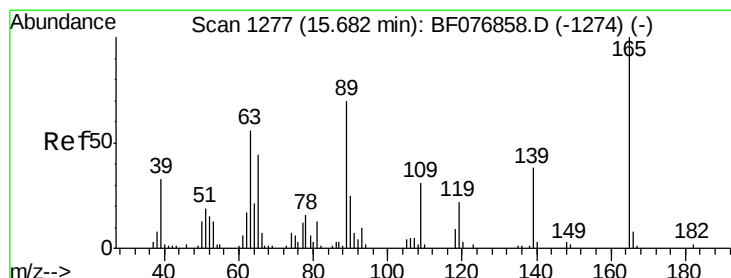
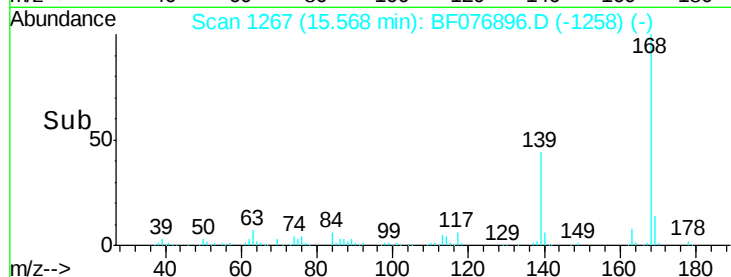
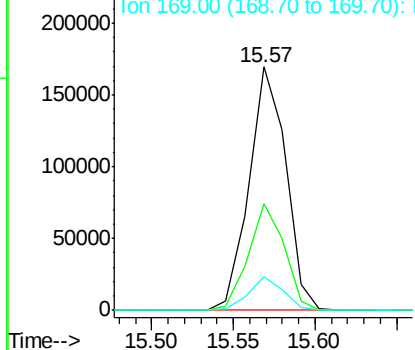
#54
Dibenzenofuran
Concen: 45.69 ng
RT: 15.57 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 264461
Ion Ratio Lower Upper
168 100
139 43.9 33.4 50.2
169 13.6 10.6 15.8

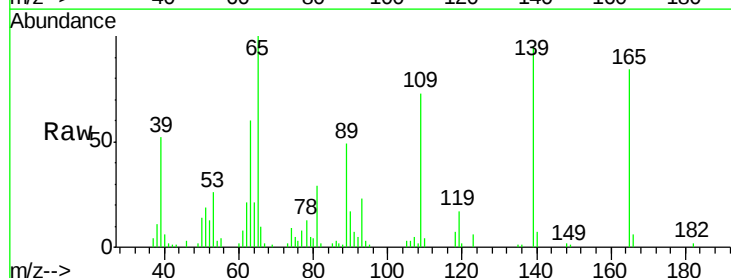


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

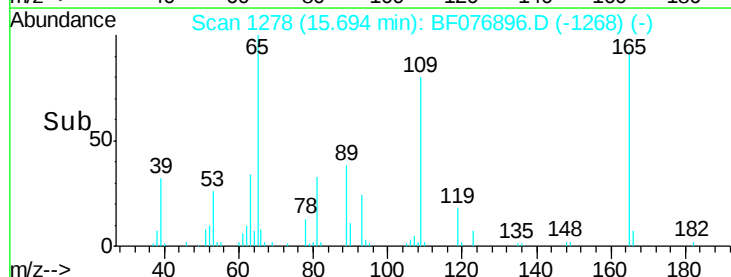
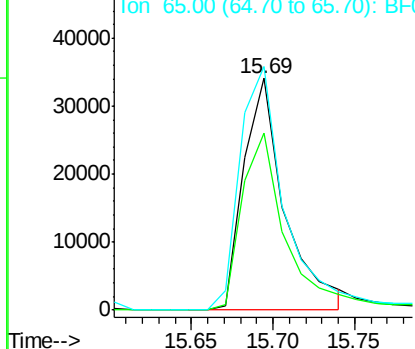


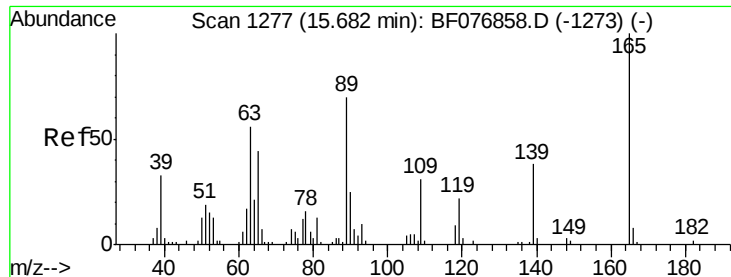
#55
4-Nitrophenol
Concen: 79.15 ng
RT: 15.69 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:139 Resp: 59890
Ion Ratio Lower Upper
139 100
109 76.5 61.0 101.0
65 105.0 96.6 136.6



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

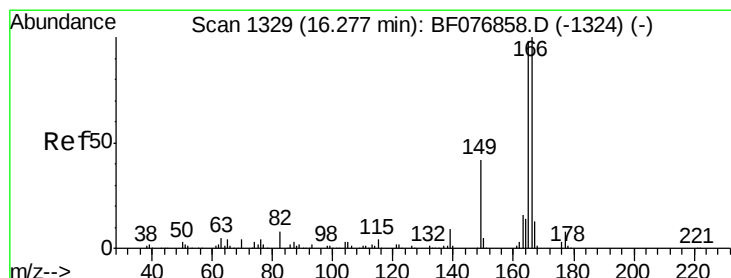
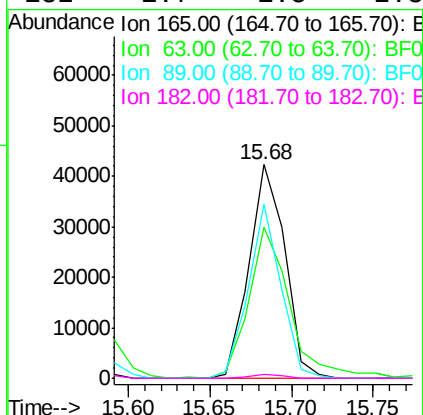
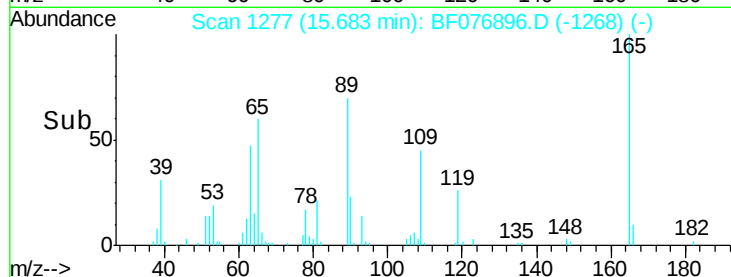
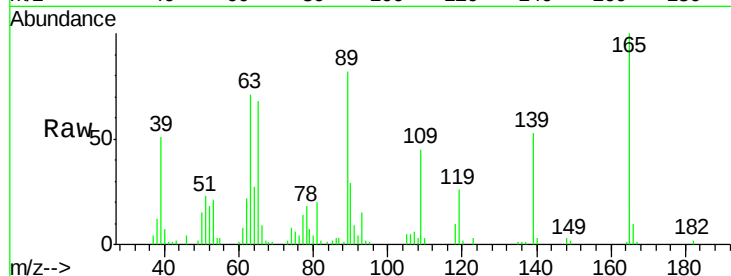




#56
2,4-Dinitrotoluene
Concen: 44.86 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

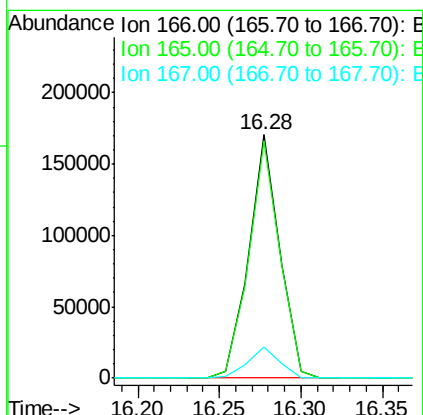
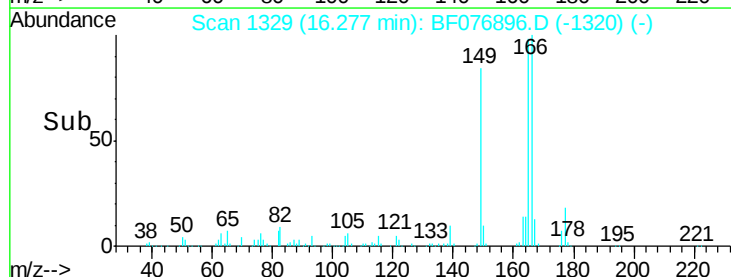
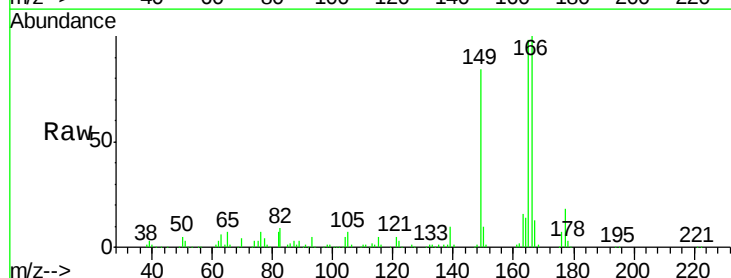
Instrument :
BNA_F
ClientSampleId :

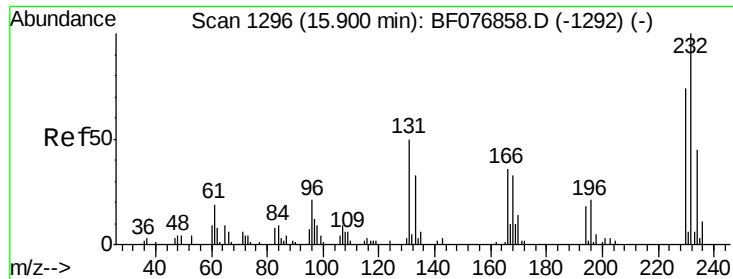
Tot Ion:165 Resp: 64643
Ion Ratio Lower Upper
165 100
63 71.0 44.8 67.2#
89 81.5 56.2 84.2
182 1.7 1.5 2.3



#57
Fluorene
Concen: 45.43 ng
RT: 16.28 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:166 Resp: 222825
Ion Ratio Lower Upper
166 100
165 97.6 78.5 117.7
167 12.7 10.4 15.6

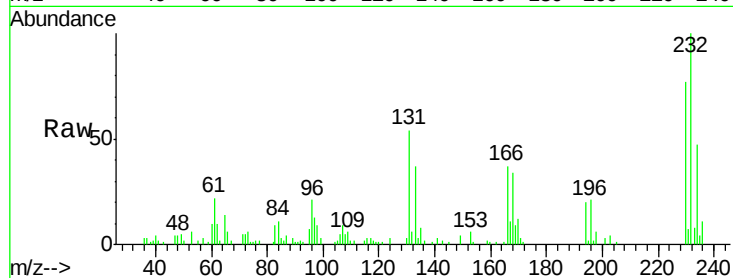




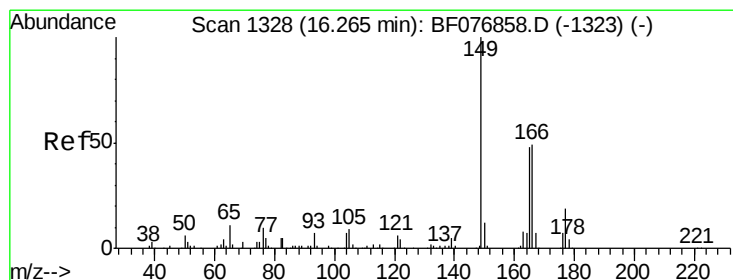
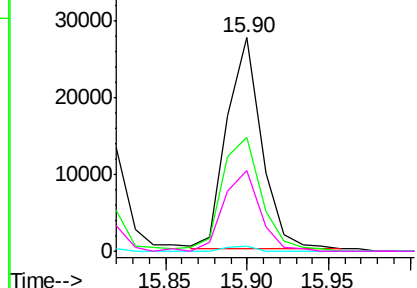
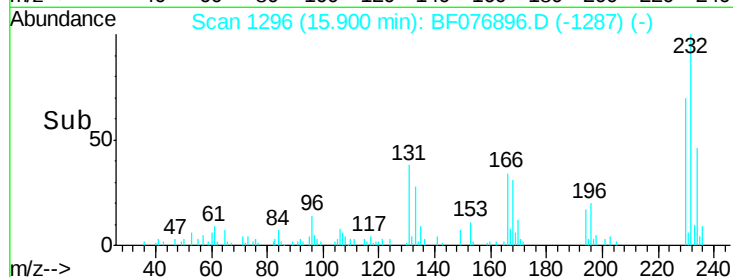
#58
2,3,4,6-Tetrachlorophenol
Concen: 44.45 ng
RT: 15.90 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 40474
Ion Ratio Lower Upper
232 100
131 62.5 45.0 67.6
130 2.1 2.6 3.8#
166 40.1 30.9 46.3

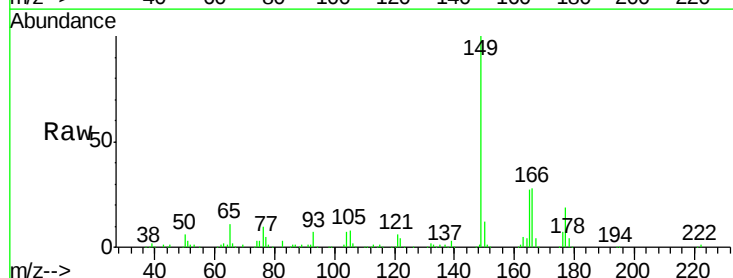


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

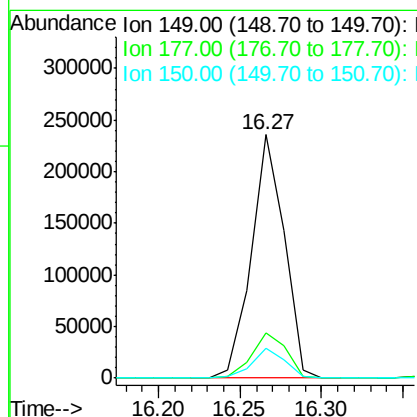
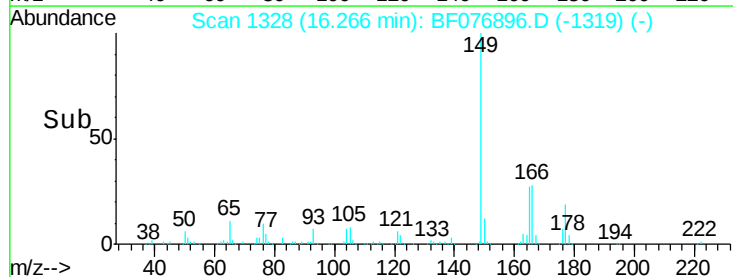


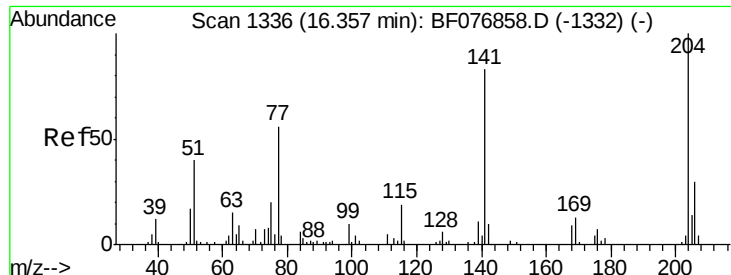
#59
Diethylphthalate
Concen: 67.43 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:149 Resp: 328963
Ion Ratio Lower Upper
149 100
177 18.6 15.0 22.6
150 12.4 9.4 14.0



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

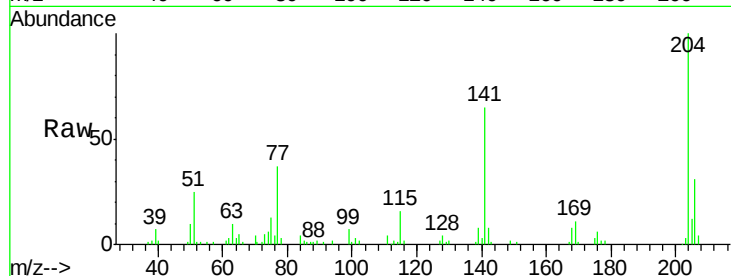




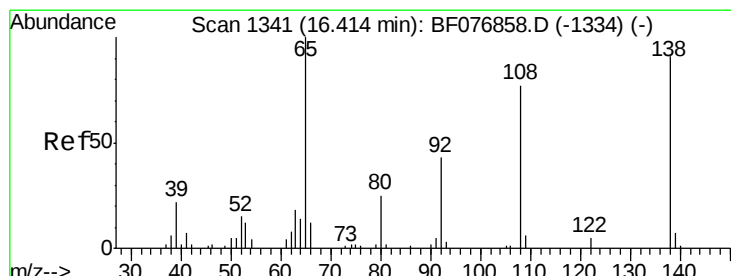
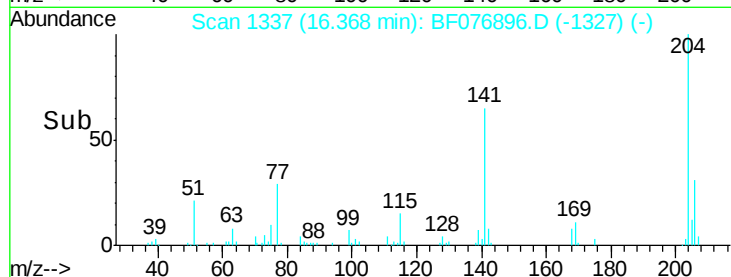
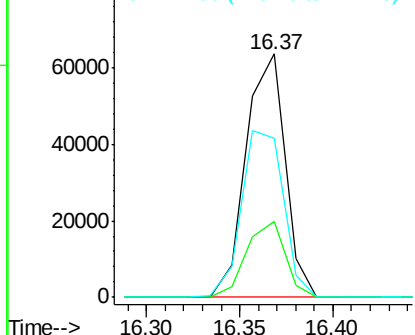
#60
4-Chlorophenyl-phenylether
Concen: 46.09 ng
RT: 16.37 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 92473
Ion Ratio Lower Upper
204 100
206 31.1 24.2 36.2
141 65.3 66.7 100.1#

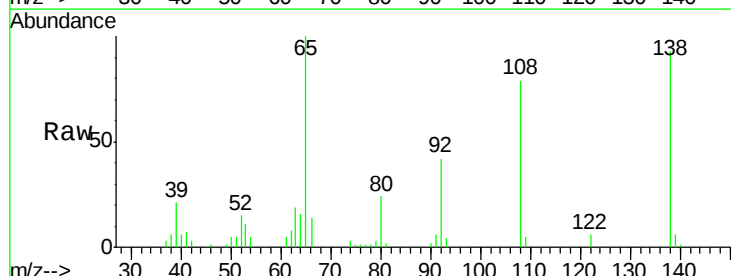


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

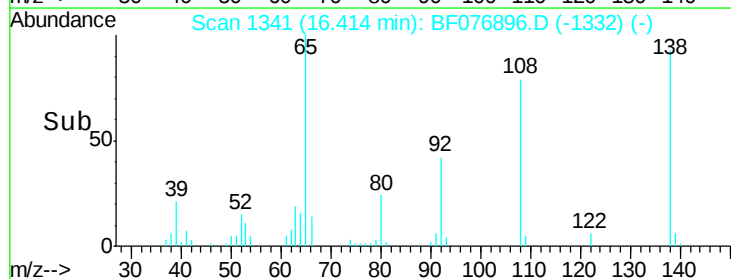
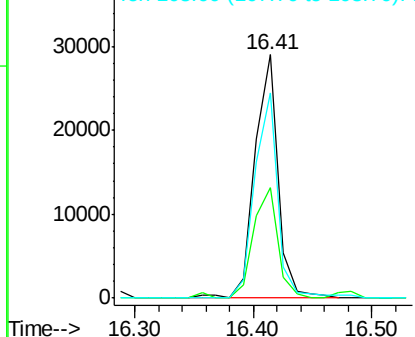


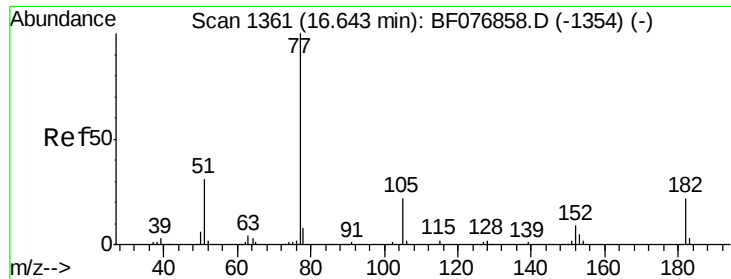
#61
4-Nitroaniline
Concen: 33.15 ng
RT: 16.41 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:138 Resp: 39749
Ion Ratio Lower Upper
138 100
92 45.5 26.7 66.7
108 84.2 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: 44.55 ng

RT: 16.64 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

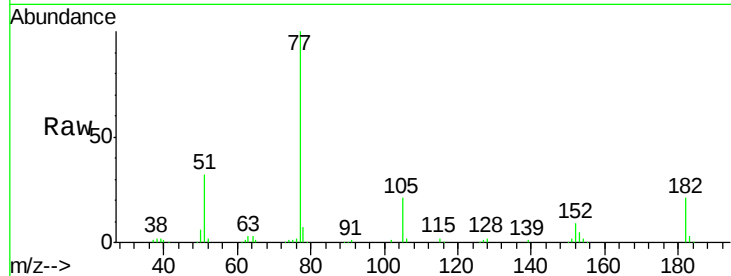
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 226417

Ion	Ratio	Lower	Upper
77	100		
182	21.5	2.0	42.0
105	21.4	2.3	42.3
51	32.0	10.7	50.7

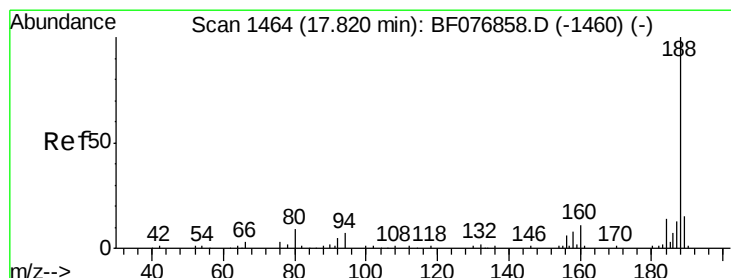
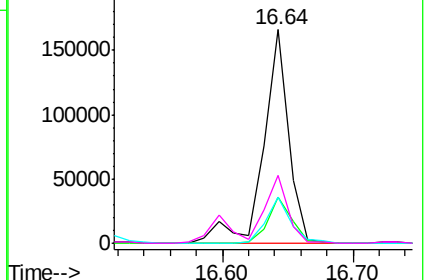
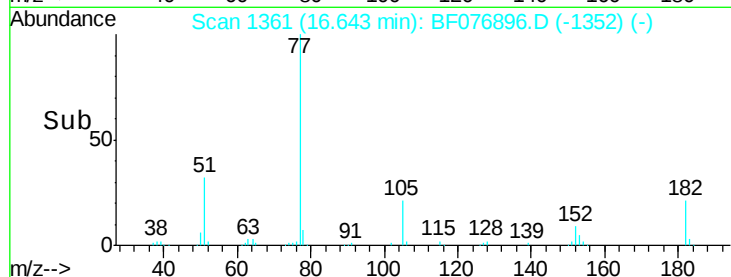


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.82 min Scan# 1464

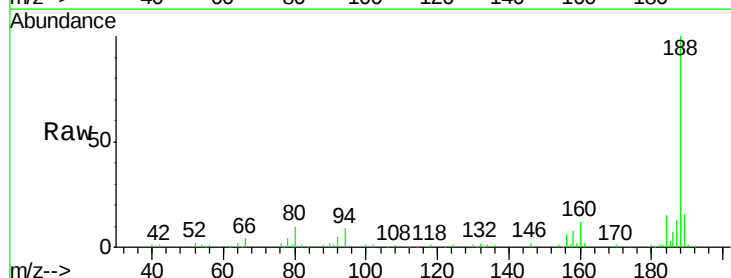
Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Tgt Ion: 188 Resp: 108348

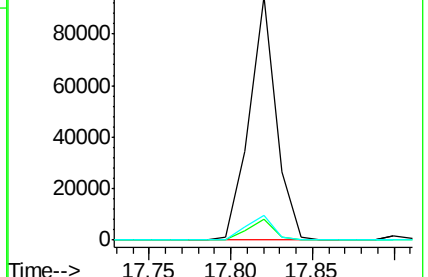
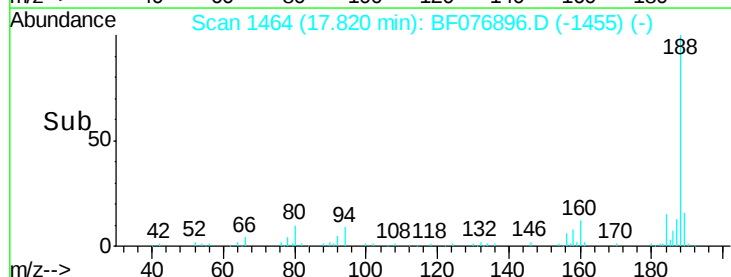
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.0	9.0
80	9.9	6.9	10.3

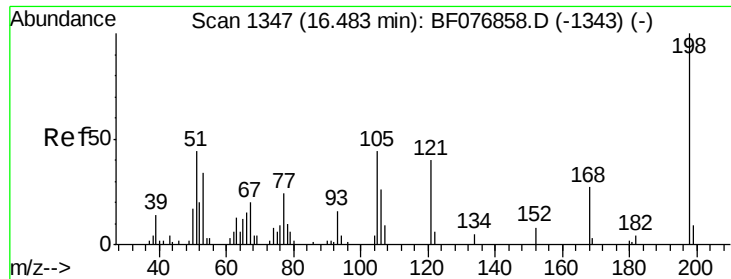


Abundance Ion 188.00 (187.70 to 188.70): E

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: 36.95 ng

RT: 16.48 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampled :

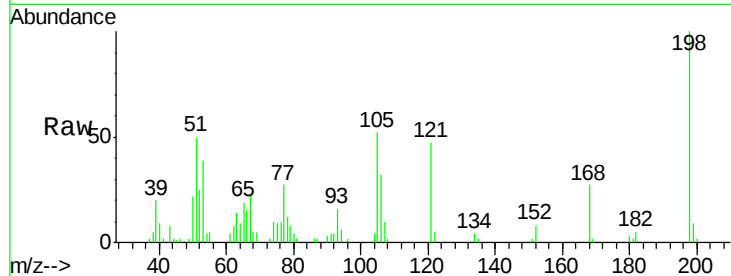
Tot Ion:198 Resp: 25156

Ion Ratio Lower Upper

198 100

51 50.3 24.2 64.2

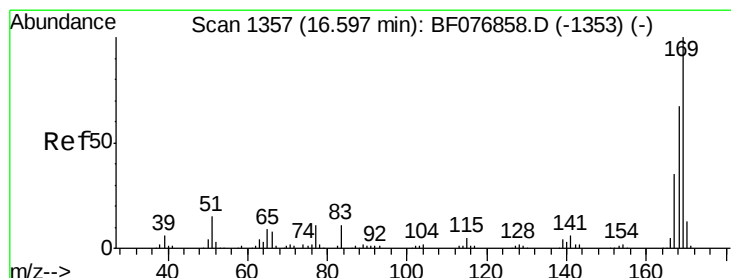
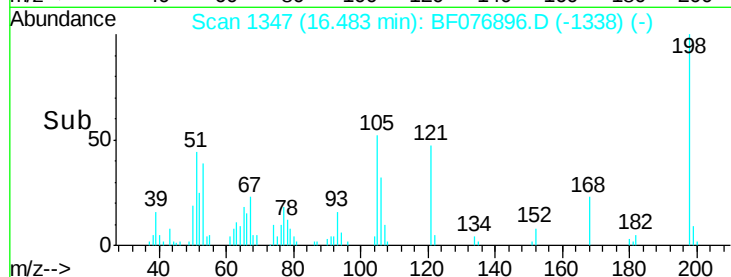
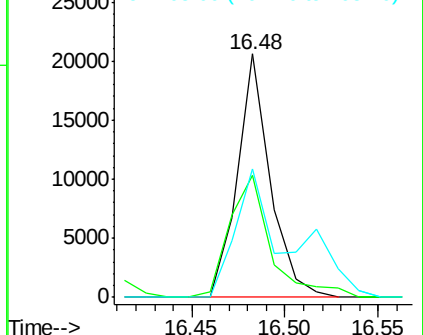
105 52.5 24.0 64.0



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: 46.44 ng

RT: 16.60 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

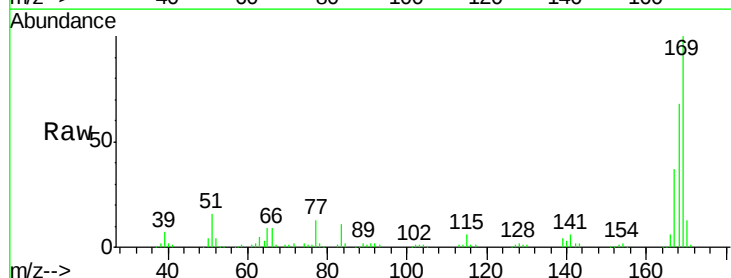
Tgt Ion:169 Resp: 179394

Ion Ratio Lower Upper

169 100

168 68.2 53.8 80.6

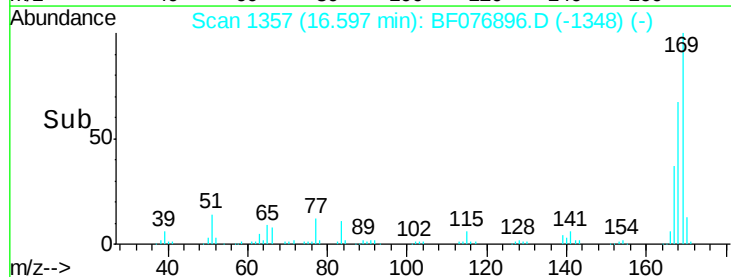
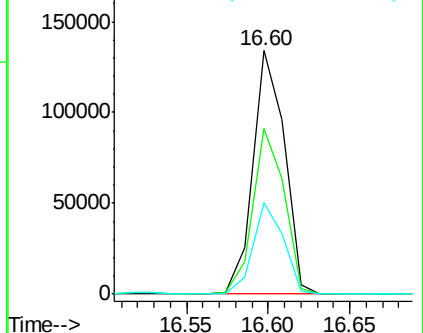
167 37.3 27.8 41.6

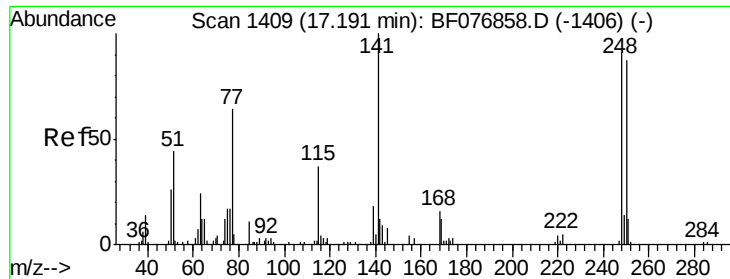


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

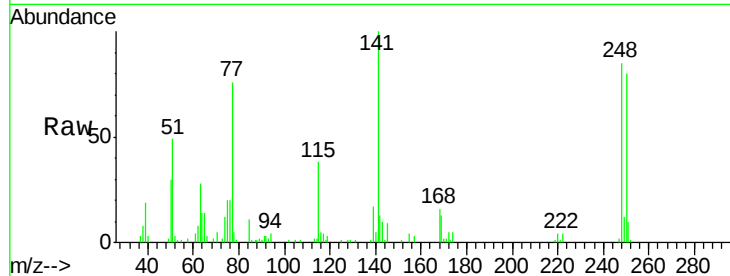




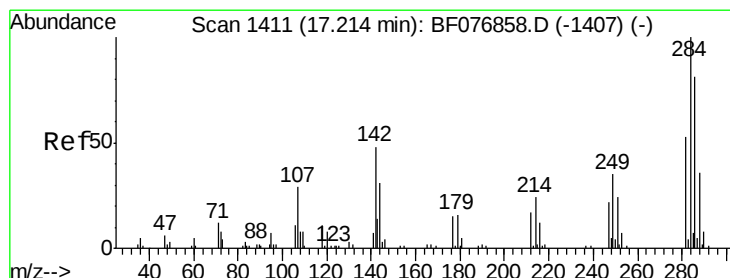
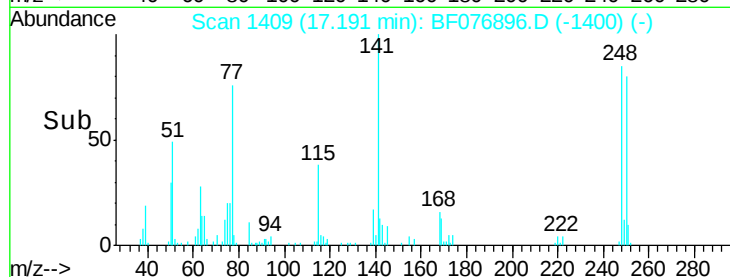
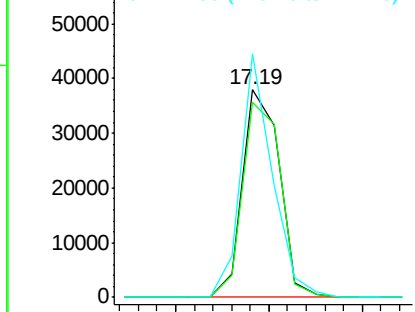
#66
4-Bromophenyl-phenylether
Concen: 47.95 ng
RT: 17.19 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 52629
Ion Ratio Lower Upper
248 100
250 93.7 77.1 115.7
141 117.4 88.2 132.4

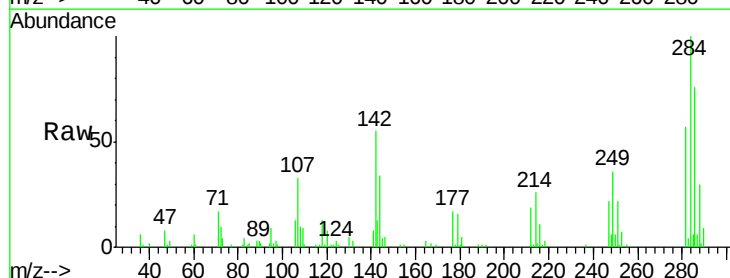


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

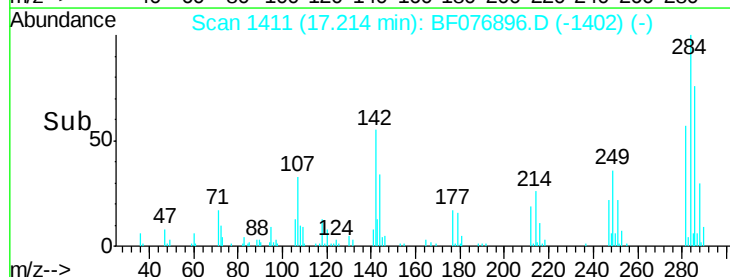
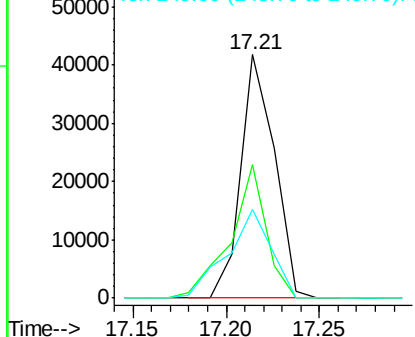


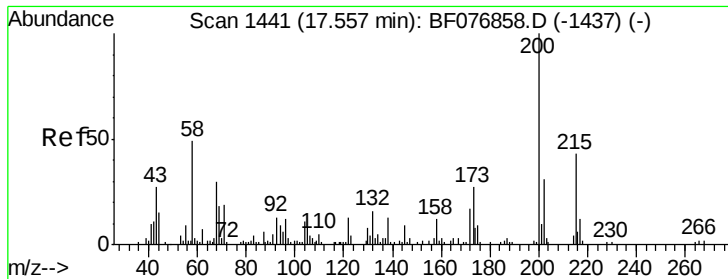
#67
Hexachlorobenzene
Concen: 45.28 ng
RT: 17.21 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:284 Resp: 52382
Ion Ratio Lower Upper
284 100
142 54.9 38.2 57.4
249 36.5 28.2 42.2



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

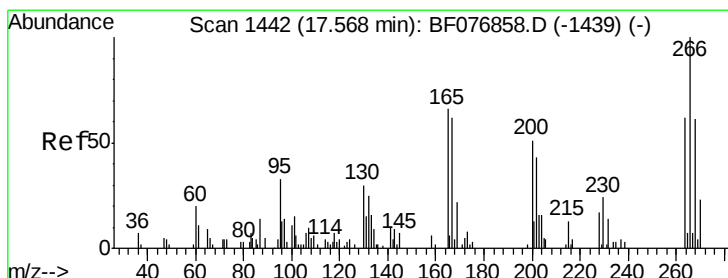
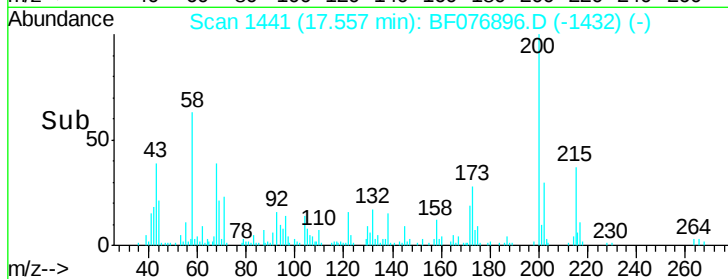
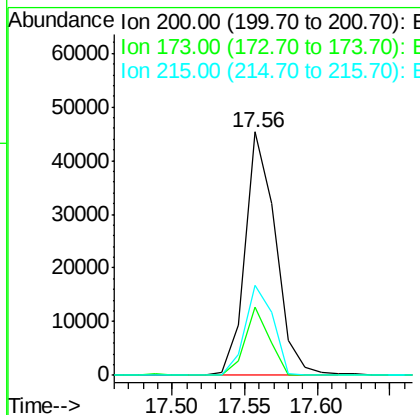
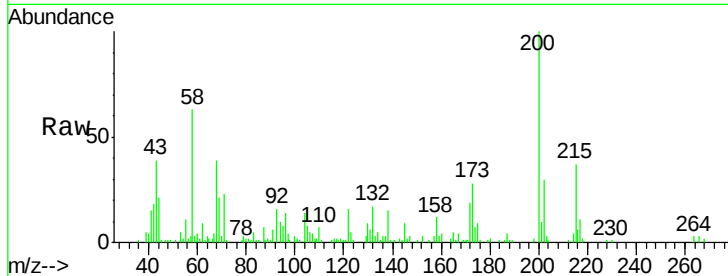




#68
Atrazine
Concen: 56.26 ng
RT: 17.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

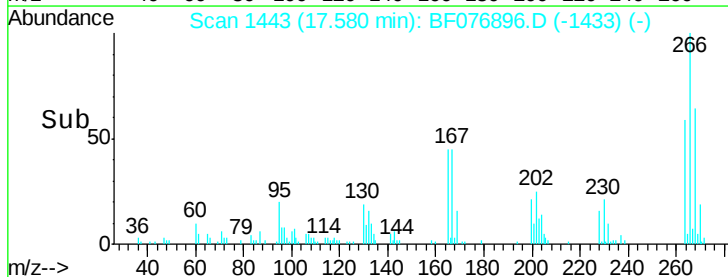
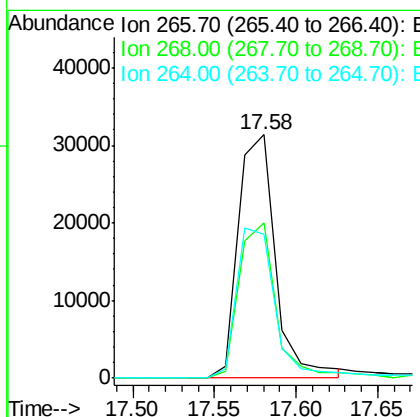
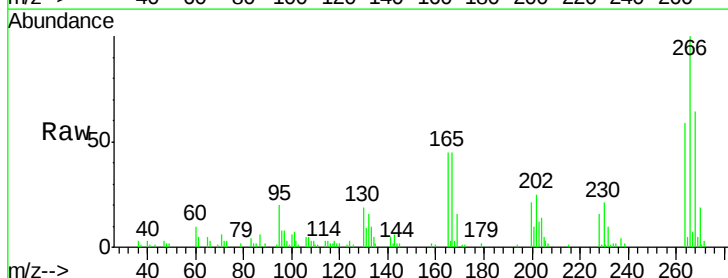
Instrument :
BNA_F
ClientSampleId :

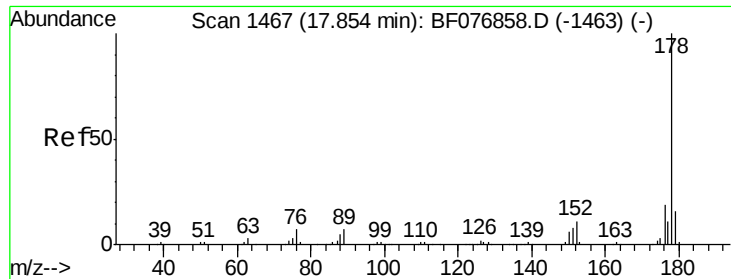
Tot Ion:200 Resp: 65958
Ion Ratio Lower Upper
200 100
173 28.0 6.6 46.6
215 36.8 22.9 62.9



#69
Pentachlorophenol
Concen: 92.23 ng
RT: 17.58 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:266 Resp: 49554
Ion Ratio Lower Upper
266 100
268 64.0 48.6 72.8
264 58.9 49.5 74.3

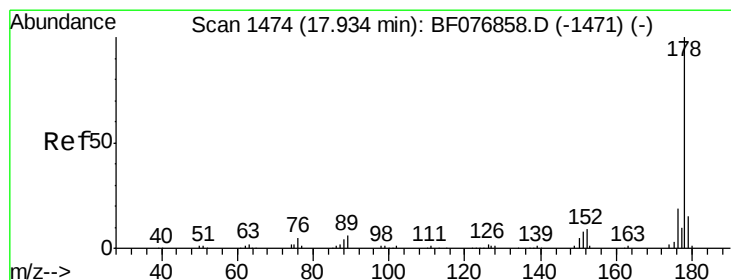
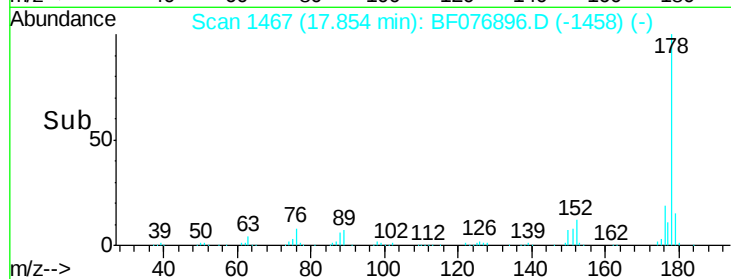
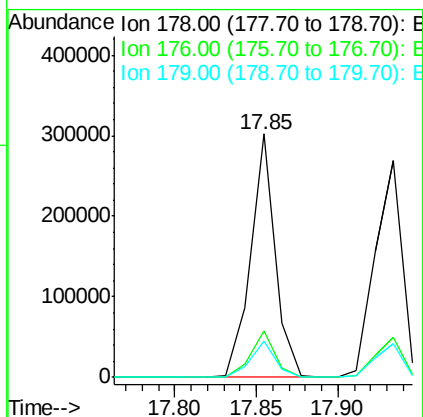
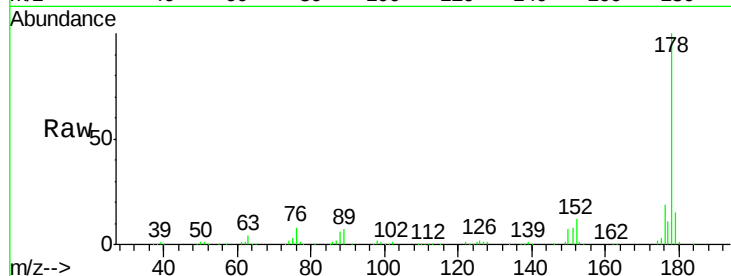




#70
 Phenanthrene
 Concen: 46.66 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

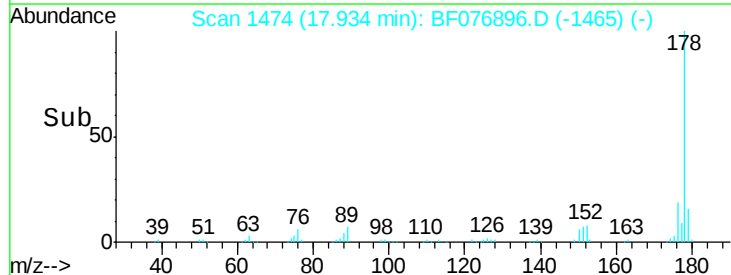
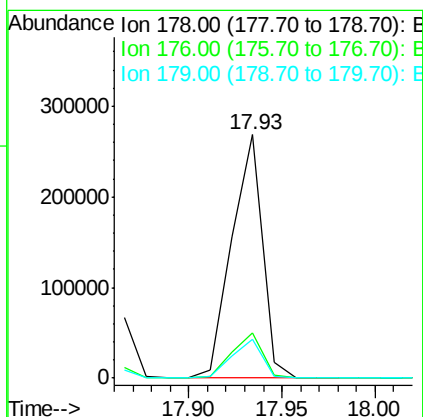
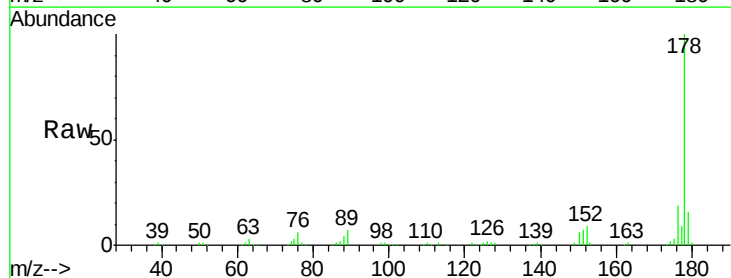
Instrument :
 BNA_F
 ClientSampleId :

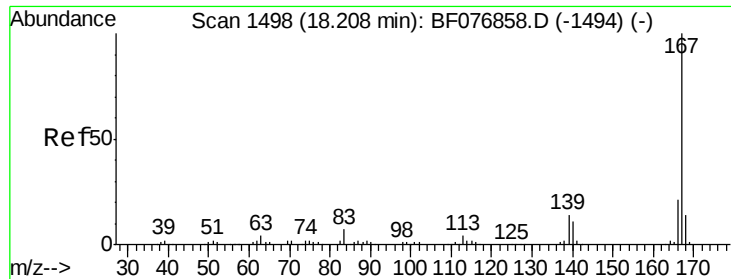
Tot Ion:178 Resp: 315248
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.1 22.7
 179 14.9 12.7 19.1



#71
 Anthracene
 Concen: 47.05 ng
 RT: 17.93 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Tgt Ion:178 Resp: 309998
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.8 11.9 17.9

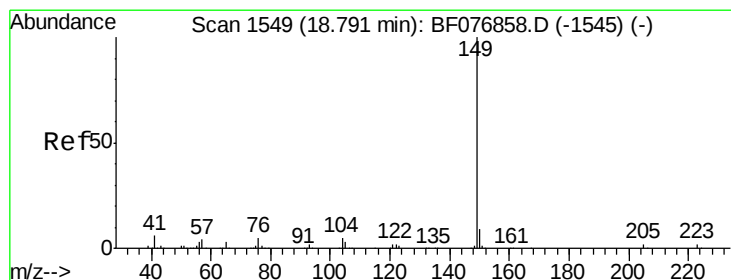
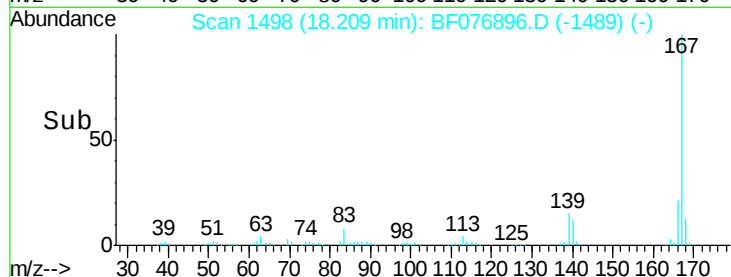
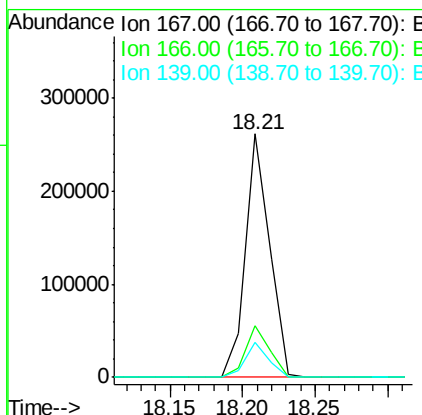
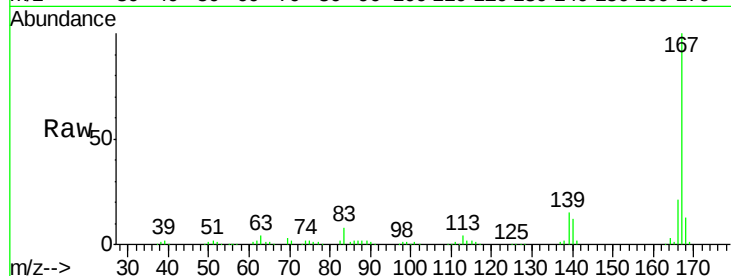




#72
 Carbazole
 Concen: 47.50 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

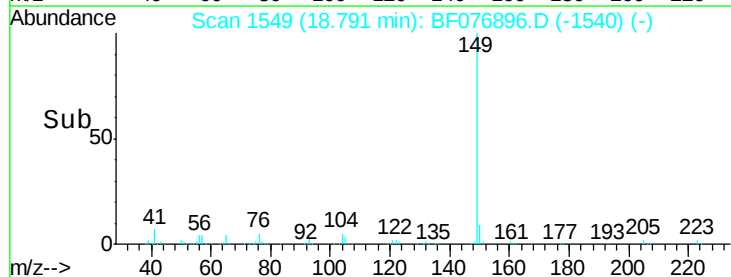
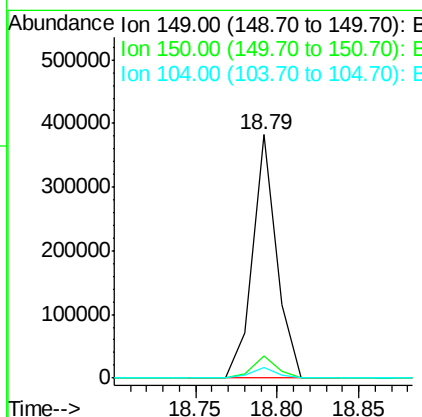
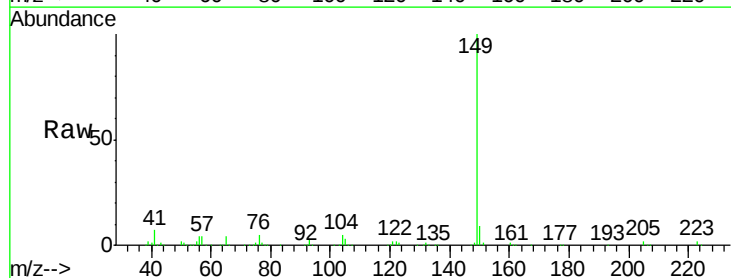
Instrument :
 BNA_F
 ClientSampleId :

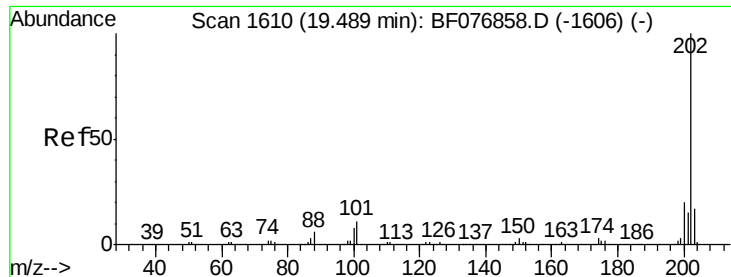
Tot Ion:167 Resp: 303556
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 14.6 11.3 16.9



#73
 Di-n-butylphthalate
 Concen: 52.85 ng
 RT: 18.79 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Tgt Ion:149 Resp: 390947
 Ion Ratio Lower Upper
 149 100
 150 9.0 6.9 10.3
 104 4.6 3.7 5.5

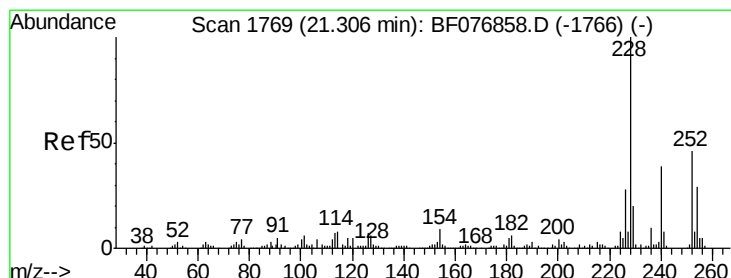
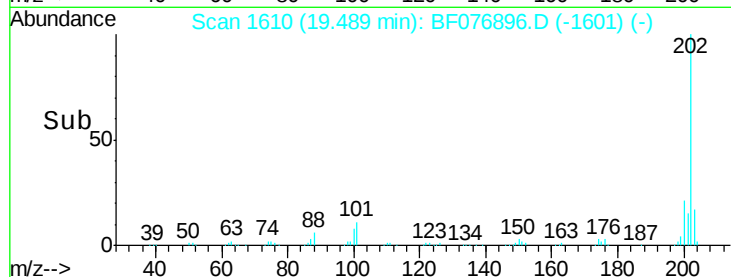
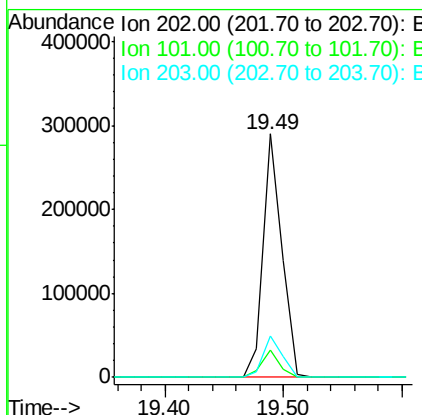
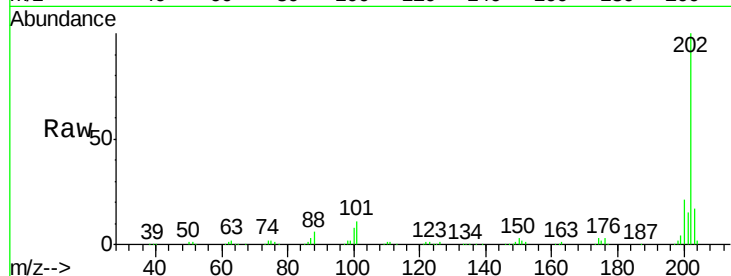




#74
 Fluoranthene
 Concen: 46.59 ng
 RT: 19.49 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

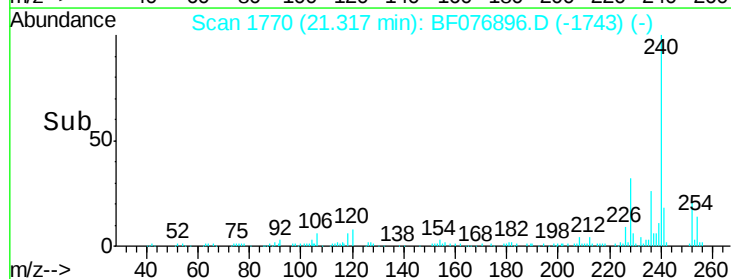
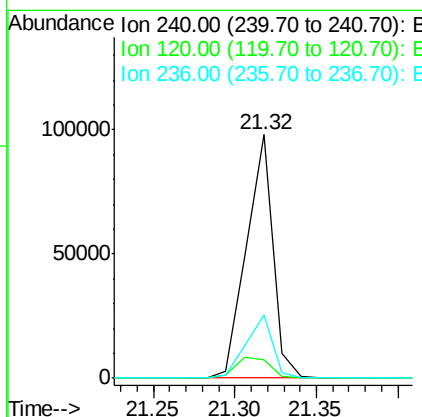
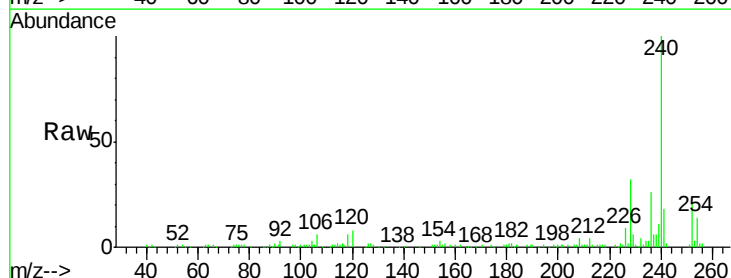
Instrument :
 BNA_F
 ClientSampleId :

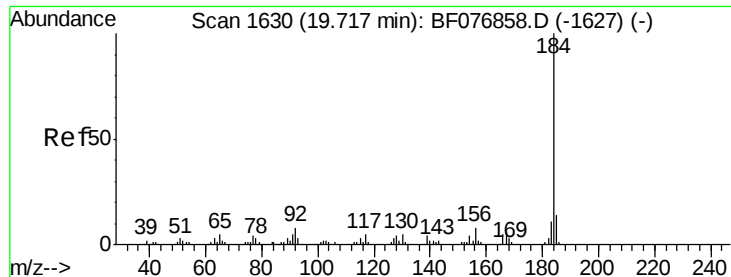
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.7
203	17.1	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.32 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BF076896.D
 Acq: 16 Jan 2015 00:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	10.4	15.6#
236	26.1	20.2	30.2





#76

Benzidine

Concen: 21.59 ng

RT: 19.73 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampleId :

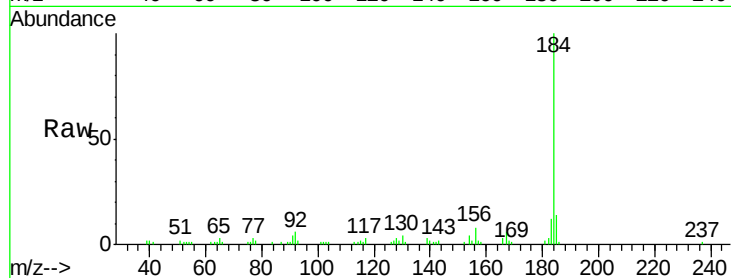
Tot Ion:184 Resp: 76018

Ion Ratio Lower Upper

184 100

185 13.6 11.4 17.2

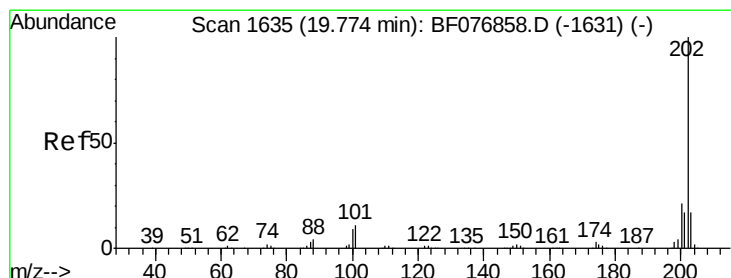
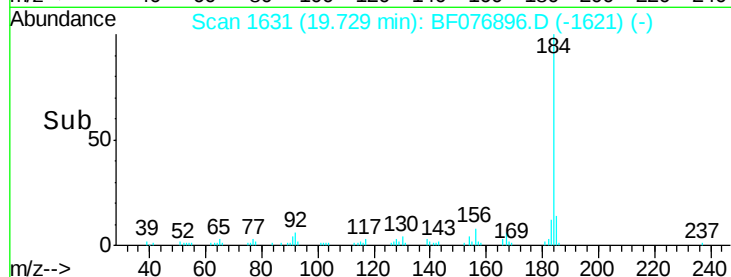
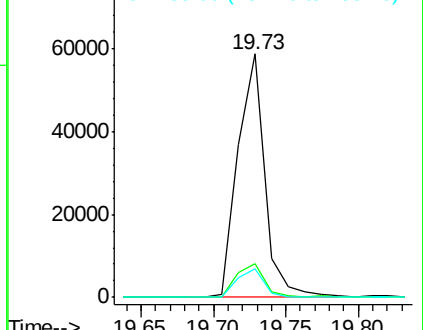
183 11.8 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 43.69 ng

RT: 19.77 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

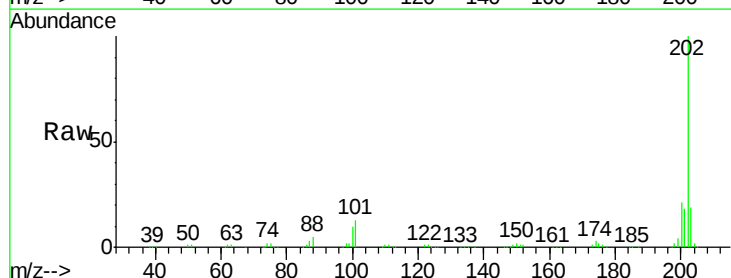
Tgt Ion:202 Resp: 329506

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

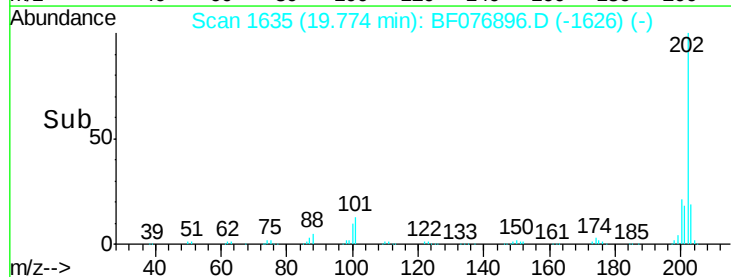
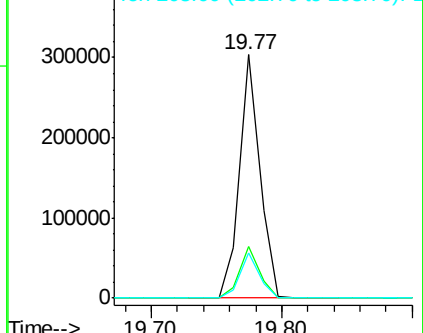
203 18.5 14.0 21.0

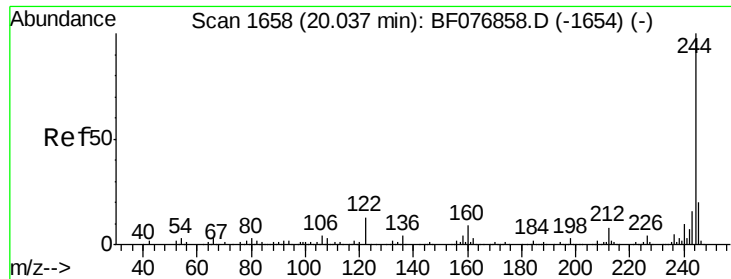


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 92.66 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampled :

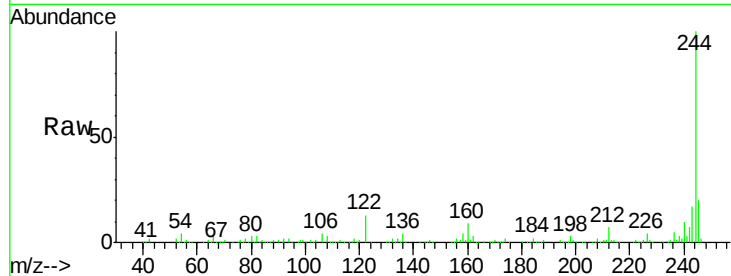
Tot Ion:244 Resp: 442924

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

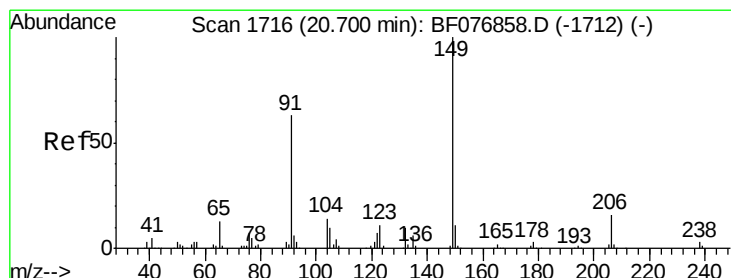
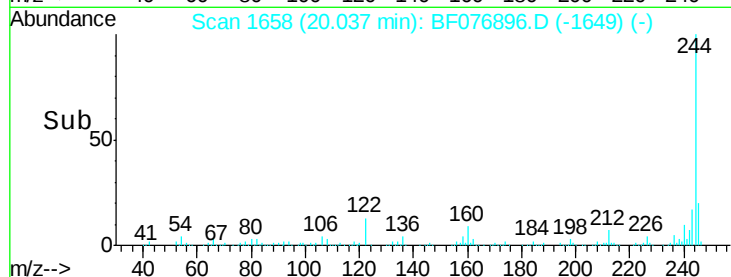
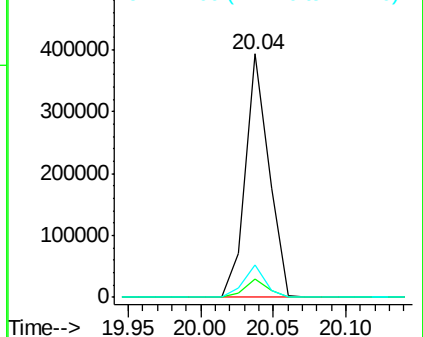
122 13.1 10.1 15.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 55.02 ng

RT: 20.70 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

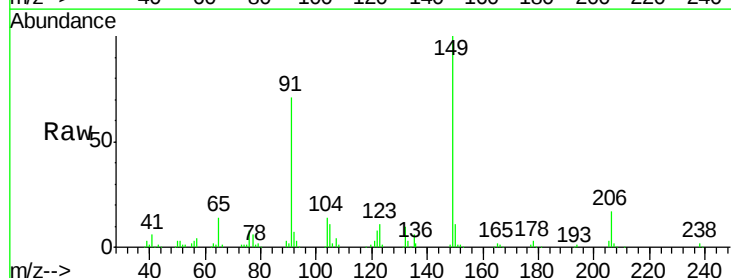
Tgt Ion:149 Resp: 187935

Ion Ratio Lower Upper

149 100

91 70.6 50.6 76.0

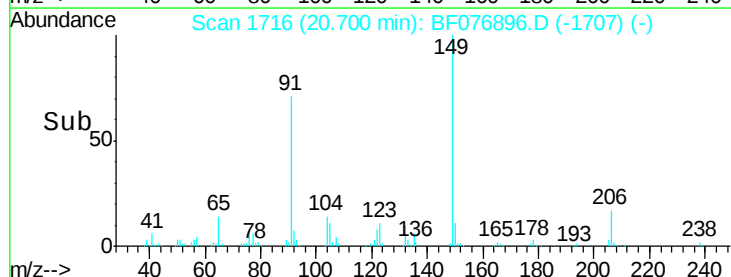
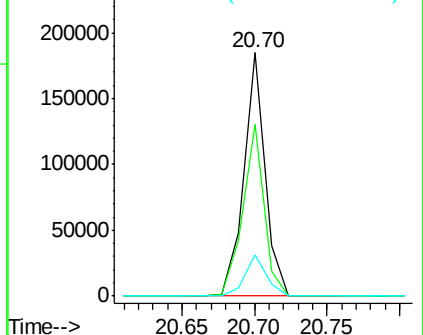
206 16.9 12.8 19.2

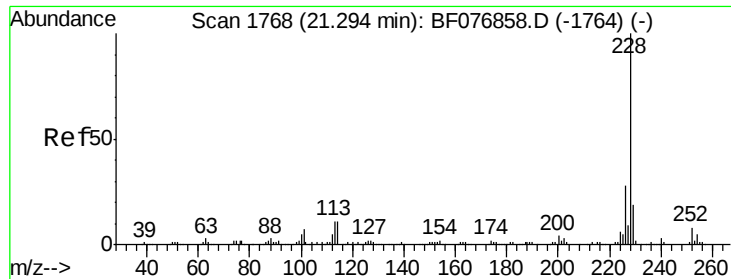


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

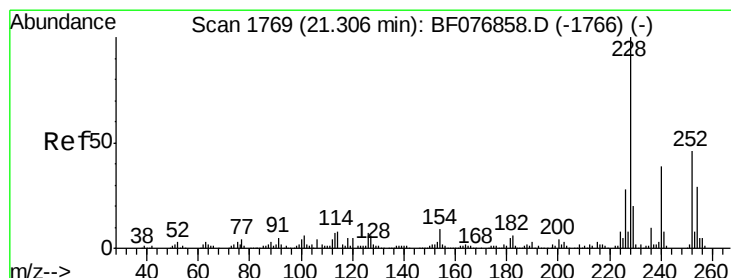
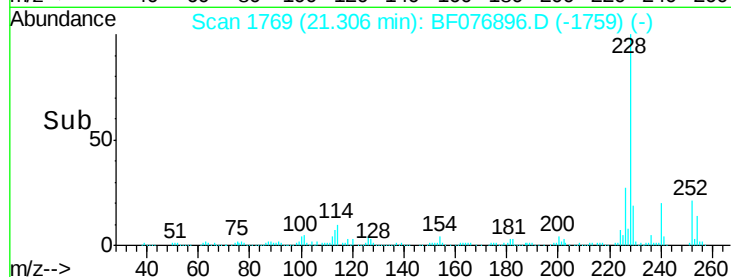
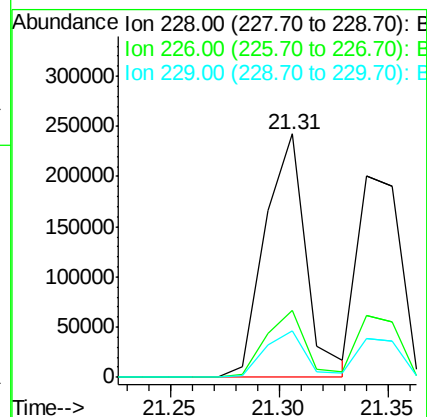
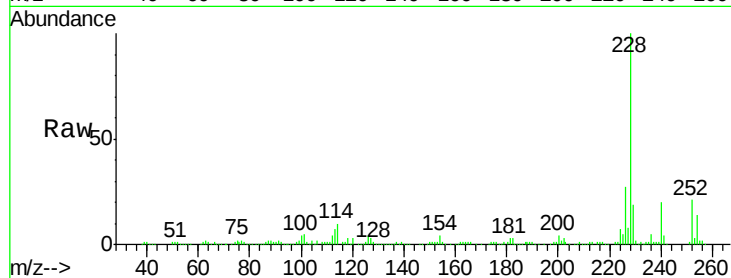




#80
Benzo(a)anthracene
Concen: 46.51 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

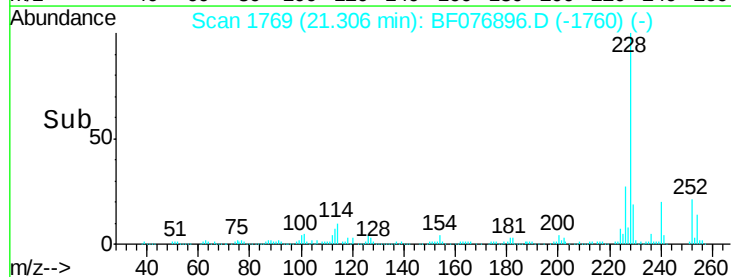
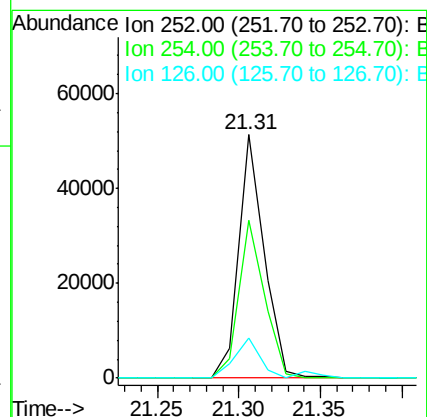
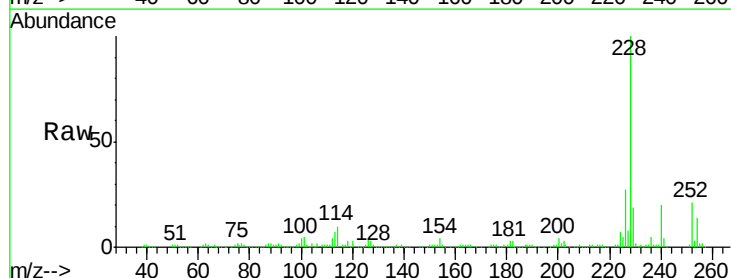
Instrument :
BNA_F
ClientSampleId :

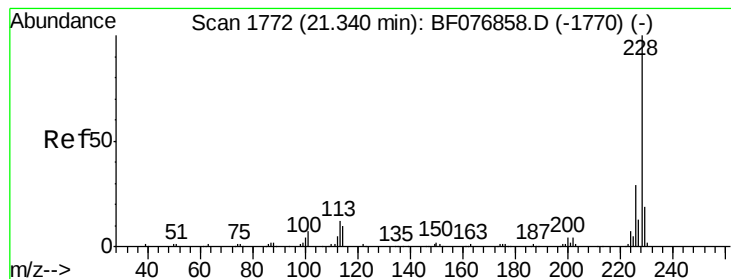
Tot Ion:228 Resp: 321141
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.2 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 25.16 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:252 Resp: 55207
Ion Ratio Lower Upper
252 100
254 64.6 50.2 75.4
126 16.7 11.5 17.3





#82

Chrysene

Concen: 43.47 ng

RT: 21.34 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

Instrument :

BNA_F

ClientSampleId :

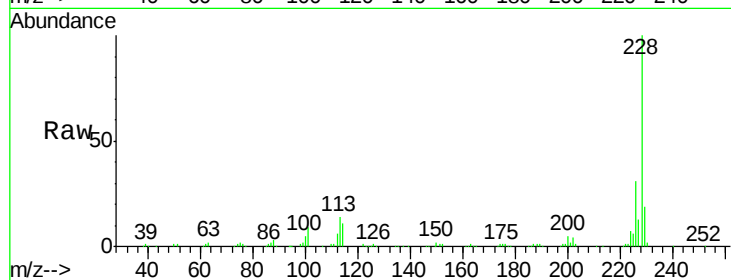
Tot Ion:228 Resp: 273700

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.0

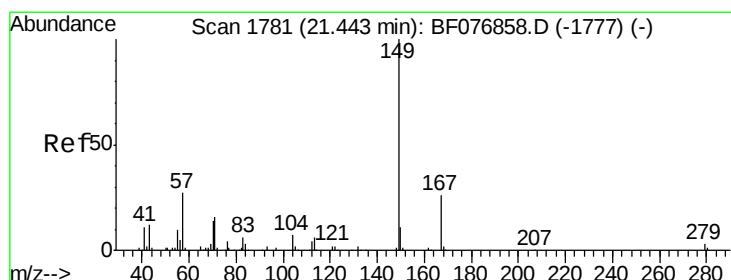
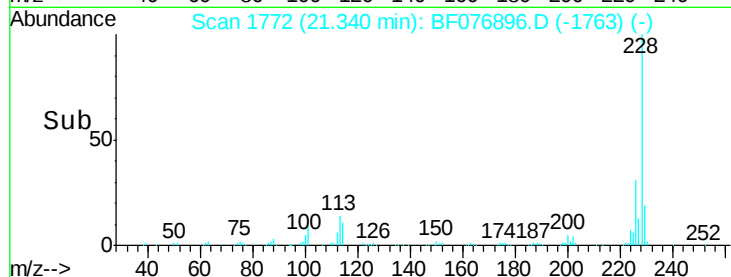
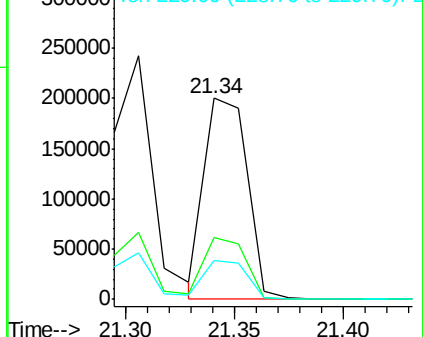
229 19.5 15.4 23.0



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: 53.66 ng

RT: 21.44 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF076896.D

Acq: 16 Jan 2015 00:06

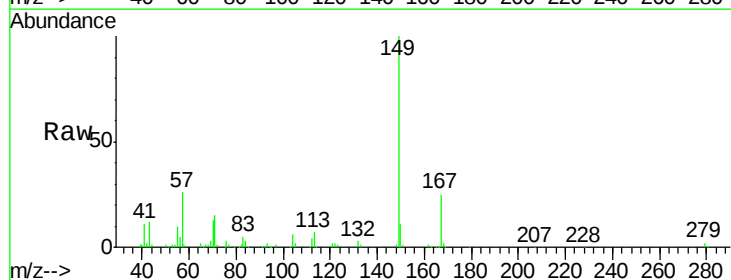
Tgt Ion:149 Resp: 253575

Ion Ratio Lower Upper

149 100

167 25.0 20.6 30.8

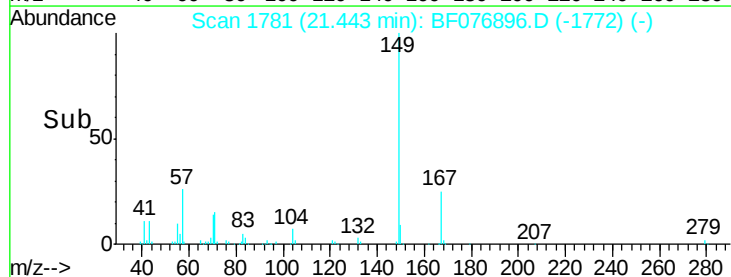
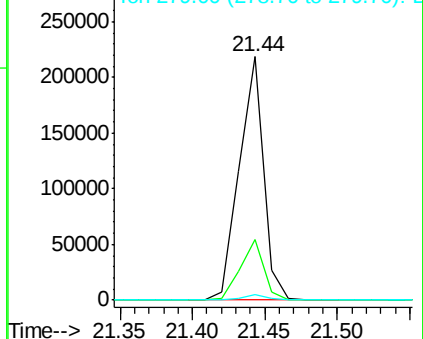
279 2.5 2.2 3.2

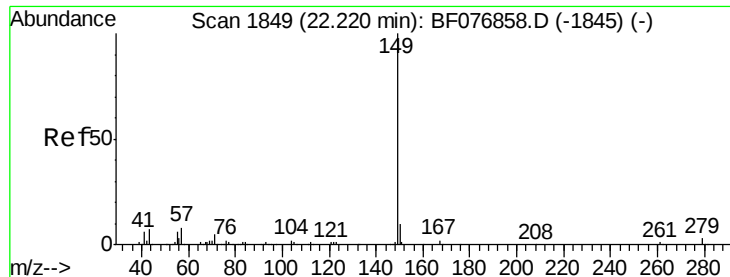


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

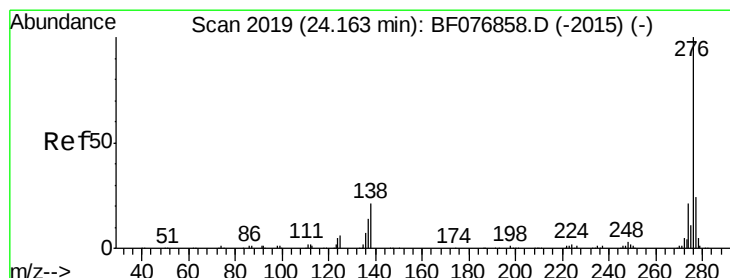
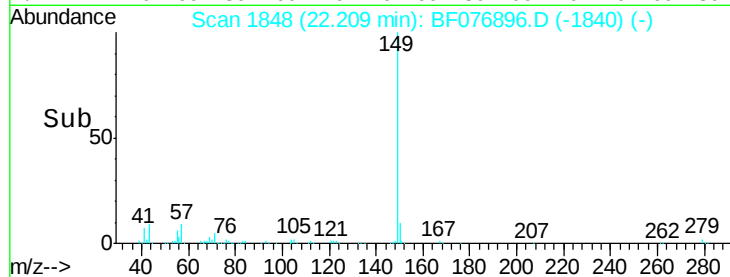
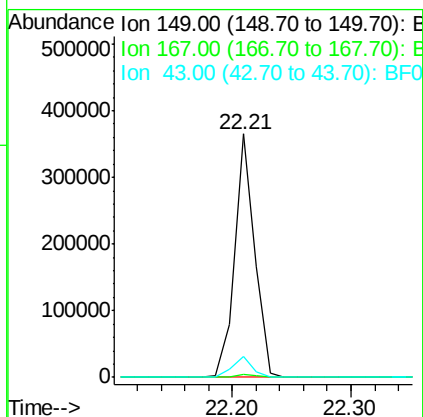
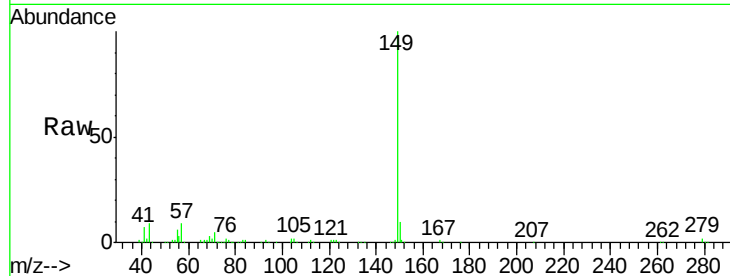




#84
Di-n-octyl phthalate
Concen: 52.16 ng
RT: 22.21 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

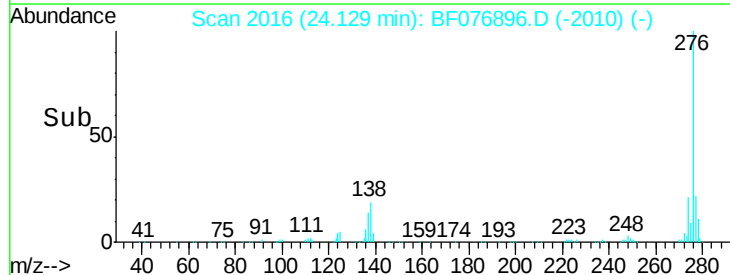
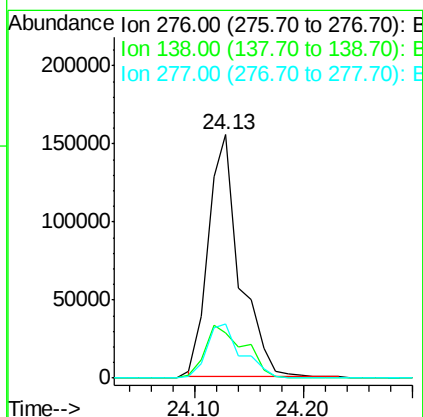
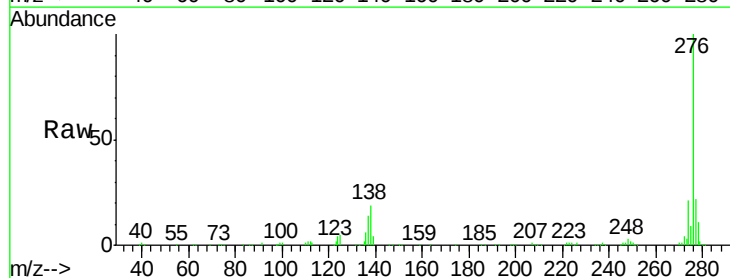
Instrument :
BNA_F
ClientSampleId :

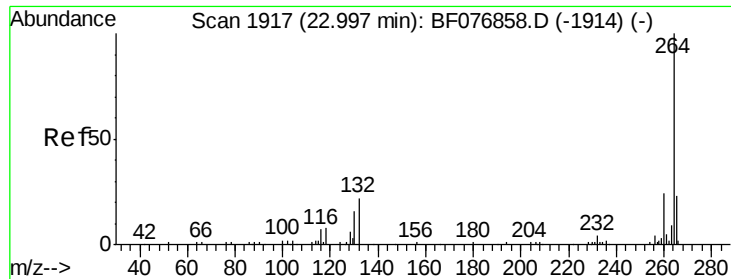
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.1	1.7
43	8.8	6.6	10.0



#85
Indeno(1,2,3-cd)pyrene
Concen: 46.68 ng
RT: 24.13 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	14.6	22.0#
277	24.9	14.8	22.2#

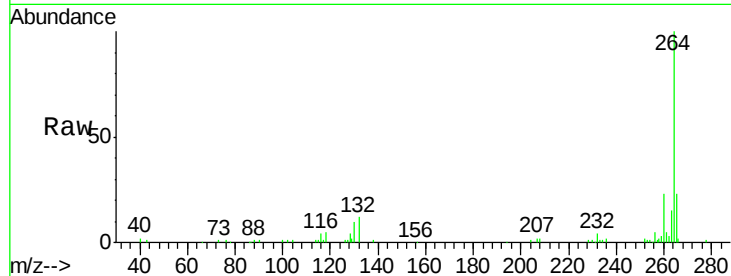




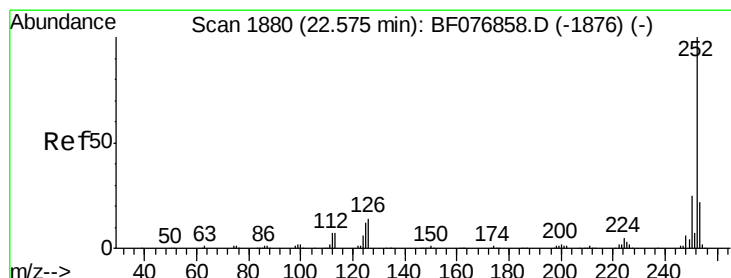
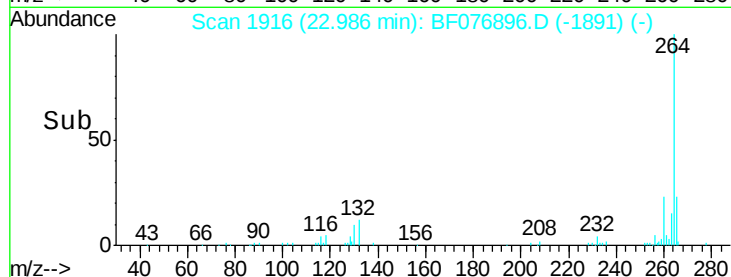
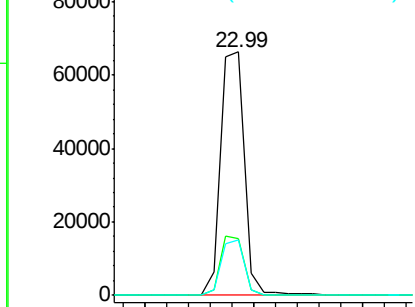
#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.99 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 100311
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 22.8 18.1 27.1

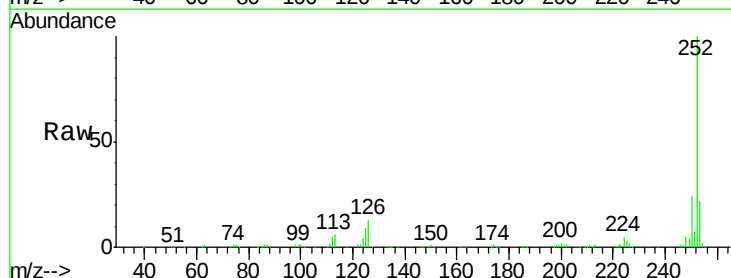


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

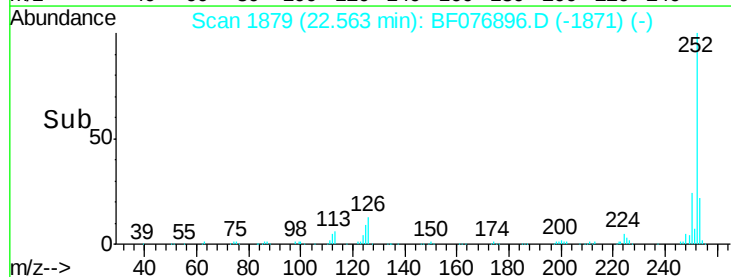
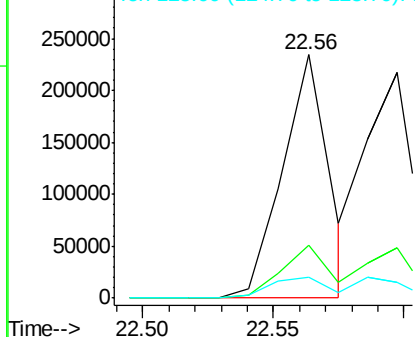


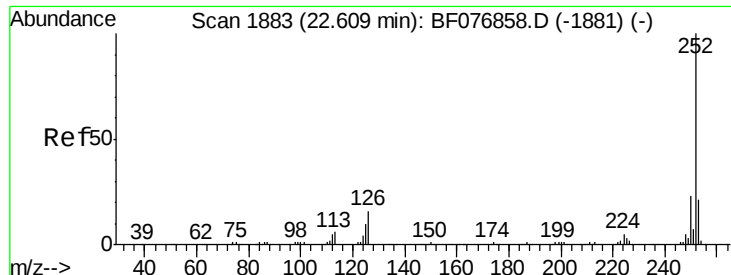
#87
Benzo(b)fluoranthene
Concen: 42.63 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:252 Resp: 288026
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.8 9.4 14.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

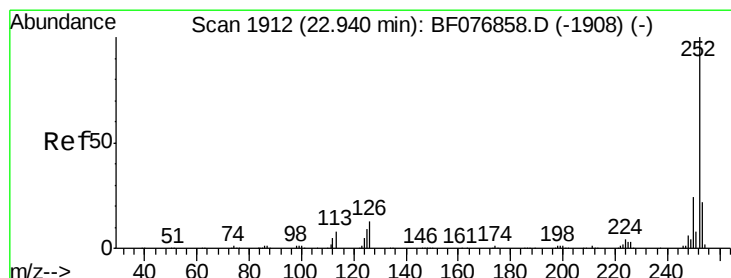
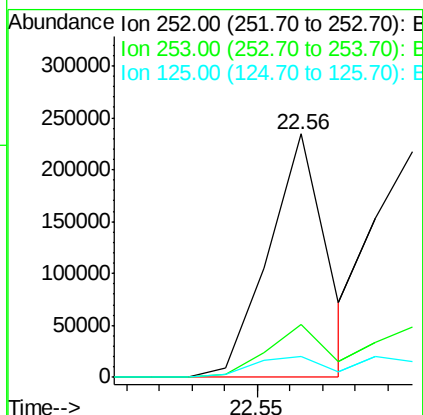
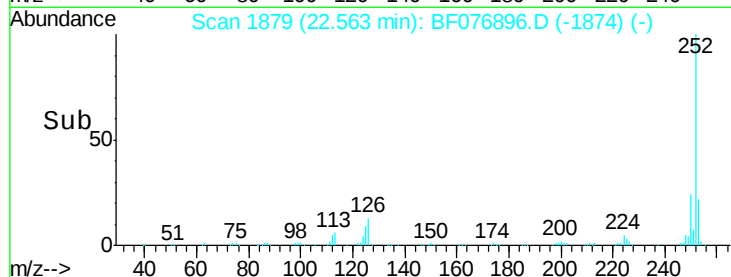
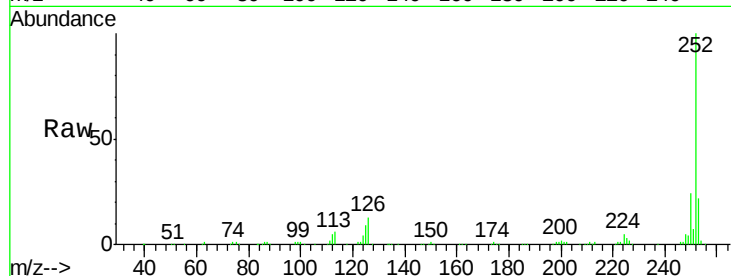




#88
Benzo(k)fluoranthene
Concen: 48.79 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.05 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

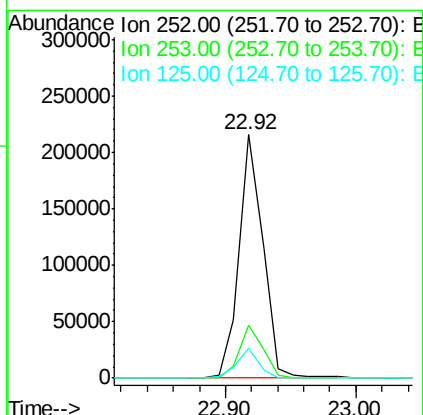
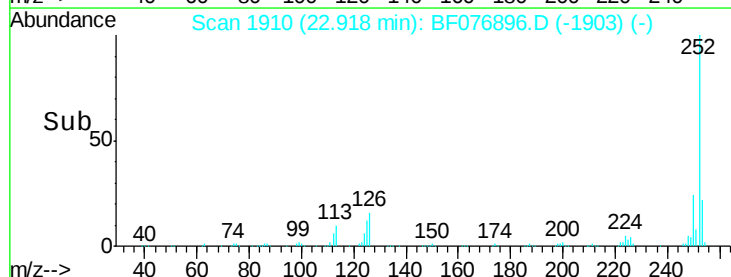
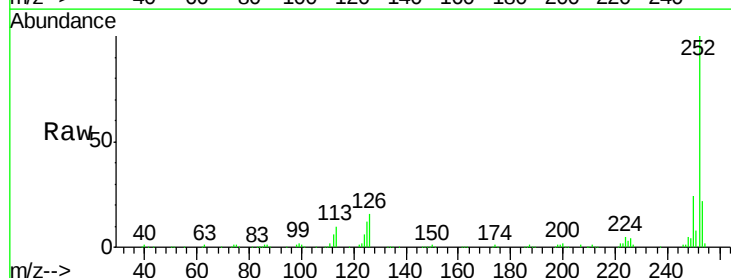
Instrument :
BNA_F
ClientSampleId :

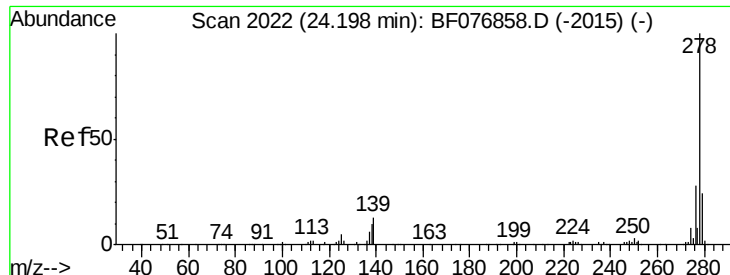
Tot Ion:252 Resp: 288005
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.8 7.1 10.7



#89
Benzo(a)pyrene
Concen: 45.87 ng
RT: 22.92 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:252 Resp: 273367
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 12.1 7.2 10.8#

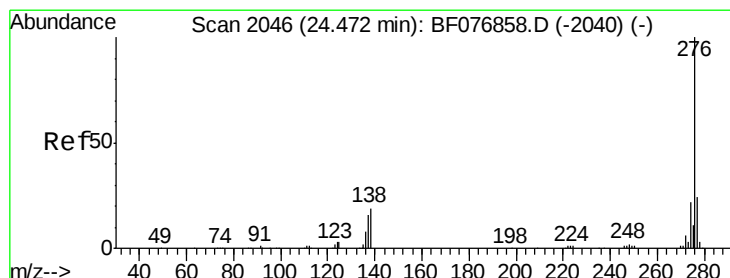
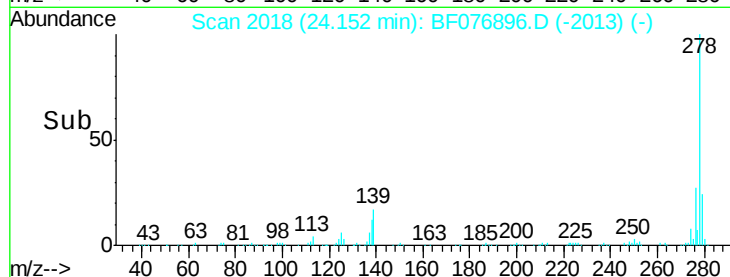
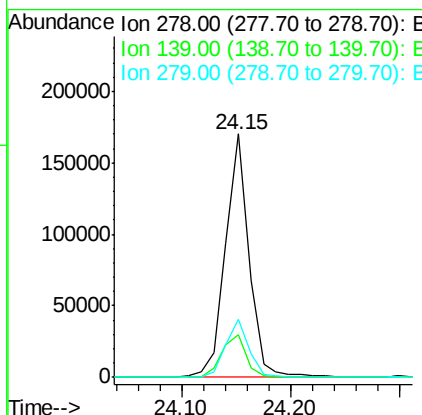
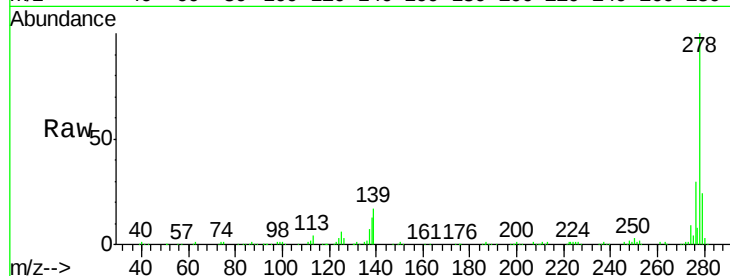




#90
Dibenzo(a,h)anthracene
Concen: 45.51 ng
RT: 24.15 min Scan# 2018
Delta R.T. -0.05 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 248855
Ion Ratio Lower Upper
278 100
139 17.4 10.5 15.7#
279 23.8 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 47.90 ng
RT: 24.43 min Scan# 2042
Delta R.T. -0.05 min
Lab File: BF076896.D
Acq: 16 Jan 2015 00:06

Tgt Ion:276 Resp: 260361
Ion Ratio Lower Upper
276 100
277 23.8 19.5 29.3
138 24.5 15.0 22.6#

