

Data Path : Z:\HPCHEM1\BNA F\Data\BF011415\
 Data File : BF076862.D
 Acq On : 14 Jan 2015 16:34
 Operator : IZ / TP
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

Quant Time: Jan 14 23:53:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 23:27:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41312	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	174287	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	99286	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	162117	20.00	ng	0.00
75) Chrysene-d12	21.31	240	151341	20.00	ng	0.00
86) Perylene-d12	22.99	264	135996	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	194873	77.56	ng	0.00
7) Phenol-d6	7.42	99	247526	78.09	ng	0.00
23) Nitrobenzene-d5	9.33	82	251167	79.84	ng	0.01
41) 2,4,6-Tribromophenol	16.72	330	66999	83.13	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	516926	79.23	ng	0.00
78) Terphenyl-d14	20.04	244	533615	81.17	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	1.32	88	37385	34.75	ng	98
3) Pyridine	1.80	79	109837	39.45	ng	96
4) n-Nitrosodimethylamine	1.76	42	46385	33.63	ng	95
6) Aniline	7.30	93	169950	38.74	ng	98
8) 2-Chlorophenol	7.56	128	113326	39.12	ng	96
9) Benzaldehyde	7.03	77	74683	41.64	ng	98
10) Phenol	7.45	94	135625	40.29	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	105320	39.99	ng	98
12) 1,3-Dichlorobenzene	7.86	146	131948	40.04	ng	96
13) 1,4-Dichlorobenzene	8.06	146	135235	38.70	ng	95
14) 1,2-Dichlorobenzene	8.38	146	125440	38.96	ng	97
15) Benzyl Alcohol	8.45	79	104460	40.73	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.80	45	138124	39.02	ng	95
17) 2-Methylphenol	8.80	107	94291	39.83	ng	95
18) Hexachloroethane	9.12	117	49142	40.43	ng	97
19) n-Nitroso-di-n-propylamine	9.09	70	90912	40.97	ng	99
20) 3+4-Methylphenols	9.18	107	125337	39.99	ng	94
22) Acetophenone	9.01	105	178320	41.77	ng	99
24) Nitrobenzene	9.36	77	131406	41.00	ng	98
25) Isophorone	9.96	82	233839	40.81	ng	97
26) 2-Nitrophenol	10.10	139	62712	38.02	ng	96
27) 2,4-Dimethylphenol	10.37	122	103962	41.95	ng	98
28) bis(2-Chloroethoxy)methane	10.58	93	138166	42.43	ng	99
29) 2,4-Dichlorophenol	10.70	162	98438	42.62	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	106560	41.54	ng	96
31) Naphthalene	10.97	128	363498	40.51	ng	99
32) Benzoic acid	10.74	122	34992	25.49	ng	88
33) 4-Chloroaniline	11.21	127	146377	40.37	ng	98
34) Hexachlorobutadiene	11.34	225	62860	41.30	ng	94
35) Caprolactam	12.09	113	28166	41.42	ng	99
36) 4-Chloro-3-methylphenol	12.52	107	108908	41.18	ng	99
37) 2-Methylnaphthalene	12.63	142	253177	41.32	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	95257	38.81	ng	99
40) Hexachlorocyclopentadiene	13.03	237	51004	39.66	ng	98

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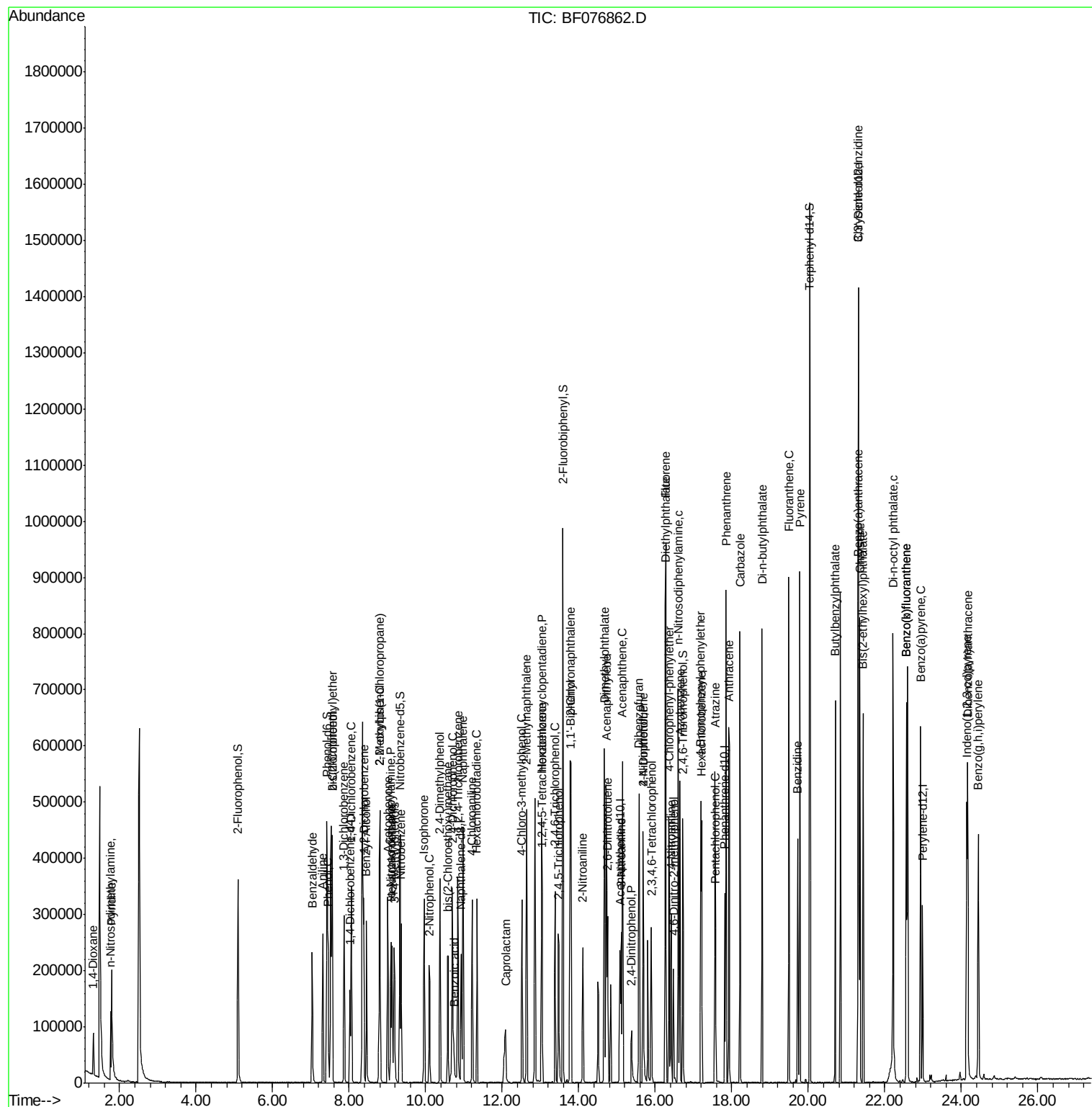
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	73409	41.04	ng	94
43) 2,4,5-Trichlorophenol	13.48	196	74206	40.68	ng	96
45) 1,1'-Biphenyl	13.80	154	296871	40.33	ng	99
46) 2-Chloronaphthalene	13.77	162	239218	39.49	ng	99
47) 2-Nitroaniline	14.11	65	76819	41.81	ng	96
48) Acenaphthylene	14.72	152	408089	39.94	ng	99
49) Dimethylphthalate	14.67	163	281532	39.98	ng	99
50) 2,6-Dinitrotoluene	14.76	165	59521	42.31	ng	89
51) Acenaphthene	15.15	154	230541	39.77	ng	98
52) 3-Nitroaniline	15.11	138	70040	37.92	ng	92
53) 2,4-Dinitrophenol	15.39	184	21201	34.68	ng	96
54) Dibenzofuran	15.57	168	339971	40.26	ng	98
55) 4-Nitrophenol	15.68	139	43695	39.59	ng	98
56) 2,4-Dinitrotoluene	15.68	165	82282	38.78	ng	# 92
57) Fluorene	16.28	166	286740	40.08	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.90	232	54371	40.94	ng	97
59) Diethylphthalate	16.27	149	291572	40.97	ng	100
60) 4-Chlorophenyl-phenylether	16.36	204	118984	40.65	ng	96
61) 4-Nitroaniline	16.41	138	70381	39.53	ng	93
62) Azobenzene	16.64	77	301012	40.60	ng	98
64) 4,6-Dinitro-2-methylphenol	16.48	198	39642	37.68	ng	90
65) n-Nitrosodiphenylamine	16.60	169	232474	40.22	ng	96
66) 4-Bromophenyl-phenylether	17.19	248	68552	41.74	ng	98
67) Hexachlorobenzene	17.21	284	71131	41.10	ng	98
68) Atrazine	17.56	200	73779	42.06	ng	97
69) Pentachlorophenol	17.57	266	28990	38.06	ng	97
70) Phenanthrene	17.85	178	403466	39.91	ng	100
71) Anthracene	17.93	178	407611	41.35	ng	98
72) Carbazole	18.21	167	383356	40.09	ng	99
73) Di-n-butylphthalate	18.79	149	469406	42.41	ng	99
74) Fluoranthene	19.49	202	414721	40.03	ng	99
76) Benzidine	19.72	184	220651	45.56	ng	96
77) Pyrene	19.77	202	440555	42.47	ng	99
79) Butylbenzylphthalate	20.70	149	206365	43.93	ng	99
80) Benzo(a)anthracene	21.29	228	379624	39.98	ng	99
81) 3,3'-Dichlorobenzidine	21.31	252	124060	41.11	ng	96
82) Chrysene	21.34	228	349992	40.42	ng	99
83) Bis(2-ethylhexyl)phthalate	21.43	149	281662	43.34	ng	# 97
84) Di-n-octyl phthalate	22.21	149	483953	42.90	ng	99
85) Indeno(1,2,3-cd)pyrene	22.14	276	364802	39.75	ng	# 83
87) Benzo(b)fluoranthene	22.56	252	409610	44.72	ng	98
88) Benzo(k)fluoranthene	22.56	252	409590	51.18	ng	99
89) Benzo(a)pyrene	22.93	252	318221	39.39	ng	98
90) Dibenzo(a,h)anthracene	24.16	278	300373	40.52	ng	# 94
91) Benzo(g,h,i)perylene	24.44	276	293799	39.87	ng	# 92

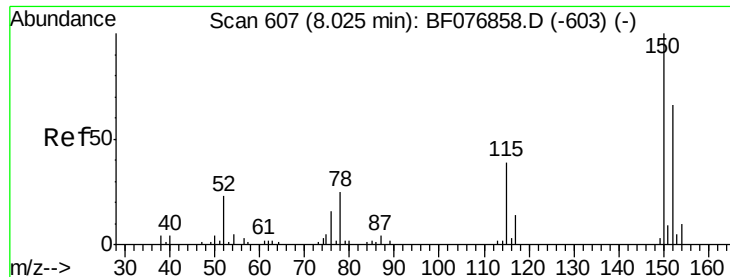
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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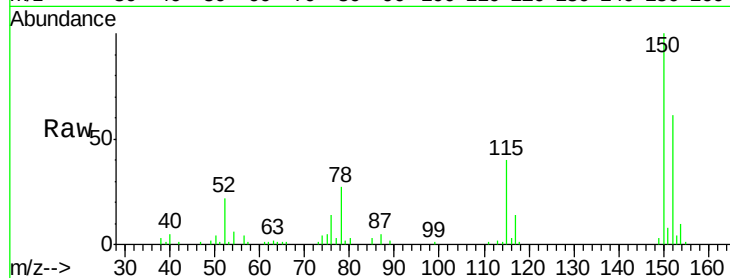


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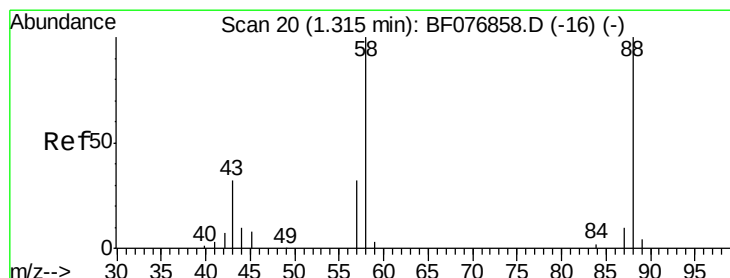
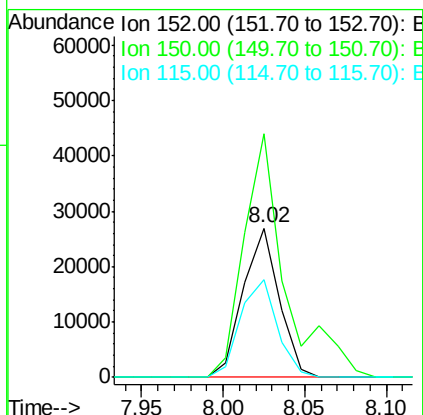
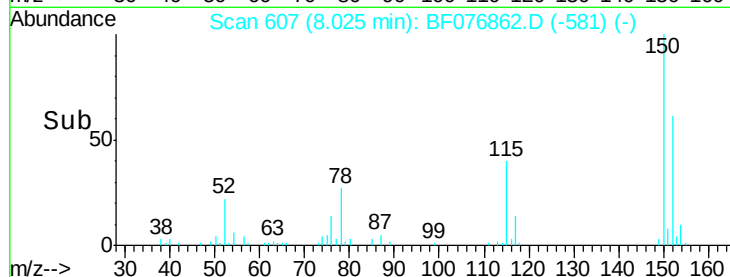
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011415

Tot Ion:152 Resp: 41312
Ion Ratio Lower Upper
152 100
150 163.4 121.7 182.5
115 65.5 47.0 70.6



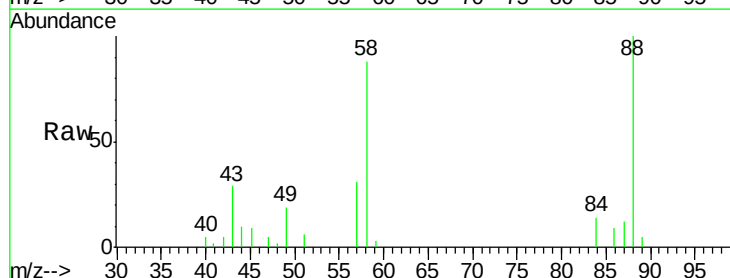
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



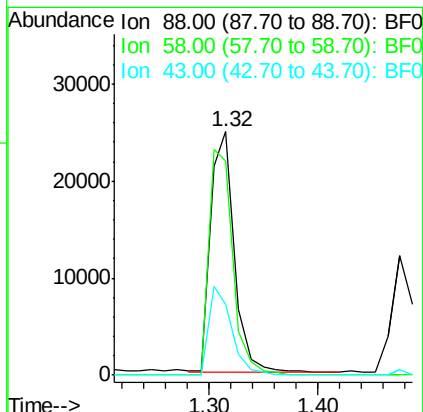
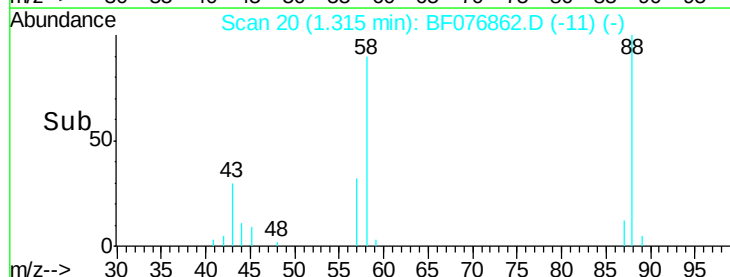
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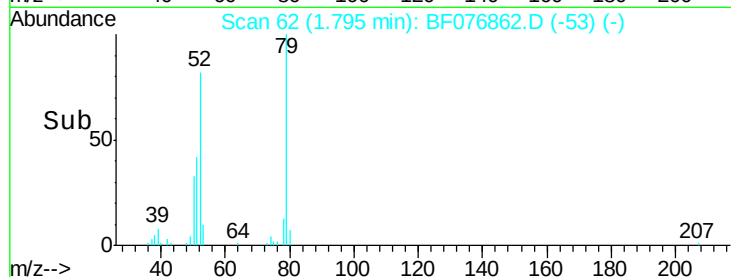
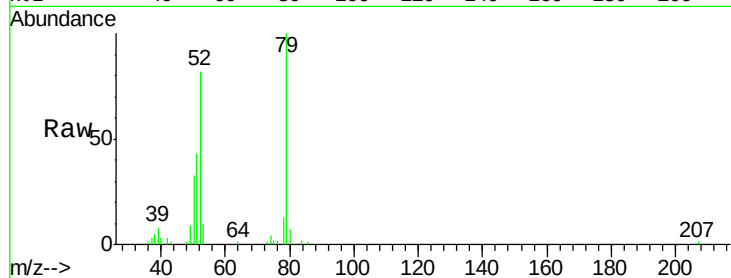
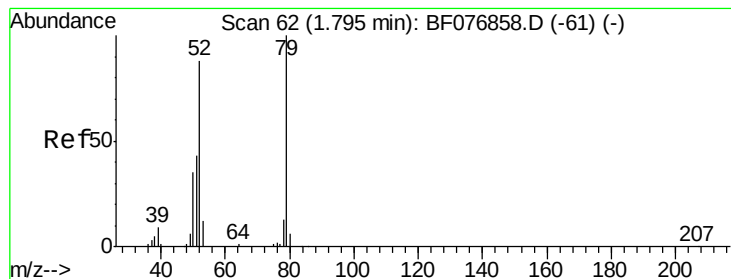
1,4-Dioxane
Concen: 34.75 ng
RT: 1.32 min Scan# 20
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion: 88 Resp: 37385
Ion Ratio Lower Upper
88 100
58 95.3 77.0 115.4
43 35.8 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: 39.45 ng

RT: 1.80 min Scan# 62

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

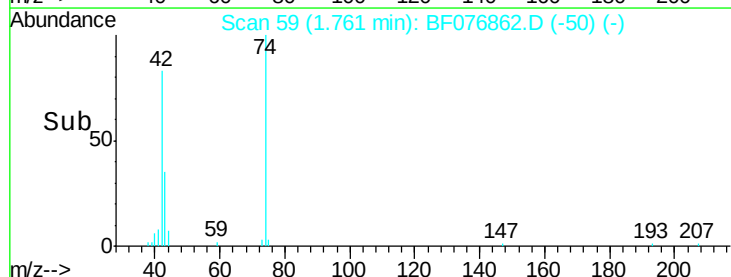
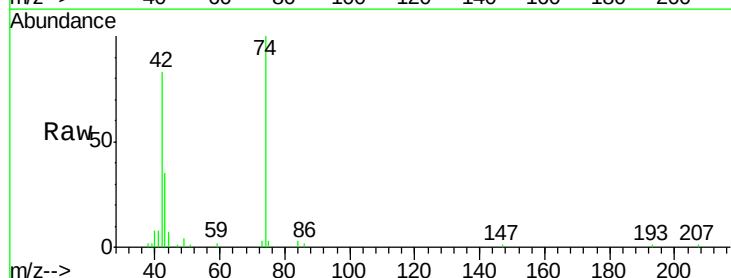
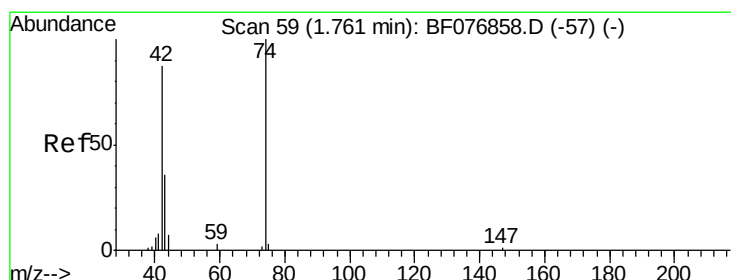
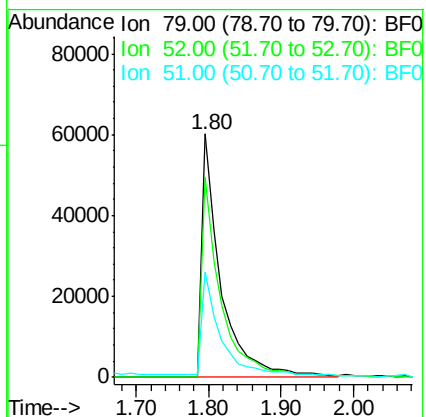
Tot Ion: 79 Resp: 109837

Ion Ratio Lower Upper

79 100

52 82.0 70.1 105.1

51 43.1 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 33.63 ng

RT: 1.76 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

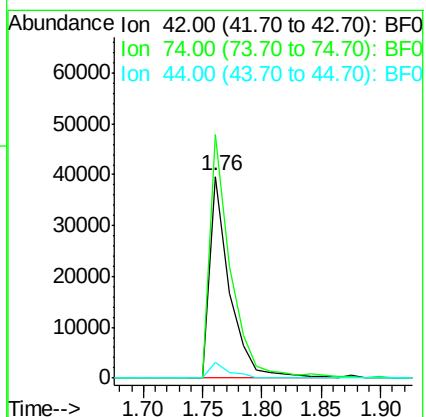
Tgt Ion: 42 Resp: 46385

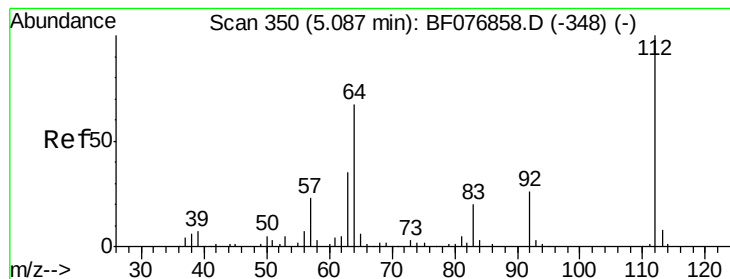
Ion Ratio Lower Upper

42 100

74 120.7 92.4 138.6

44 7.9 6.2 9.2





#5

2-Fluorophenol

Concen: 77.56 ng

RT: 5.09 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

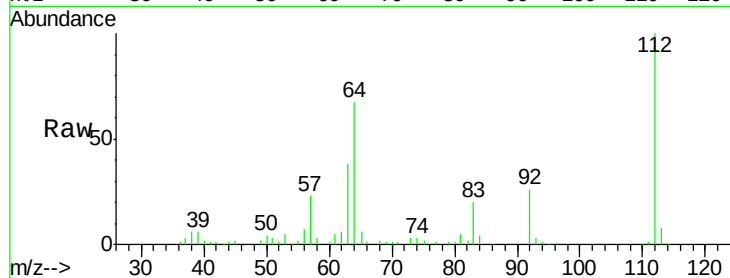
Tot Ion:112 Resp: 194873

Ion Ratio Lower Upper

112 100

64 67.0 54.2 81.4

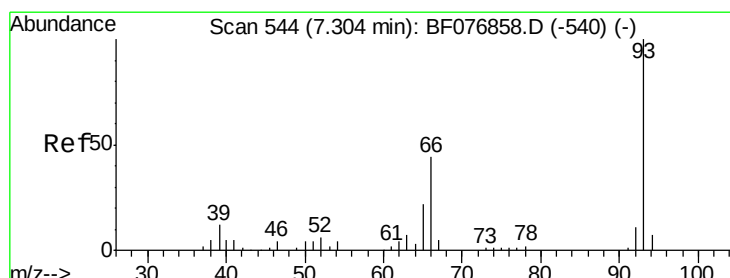
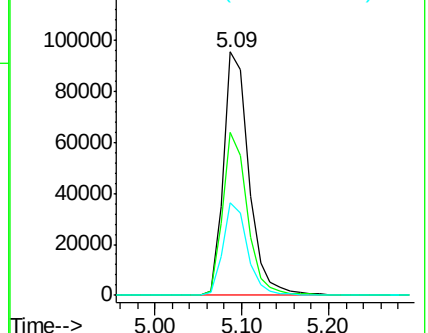
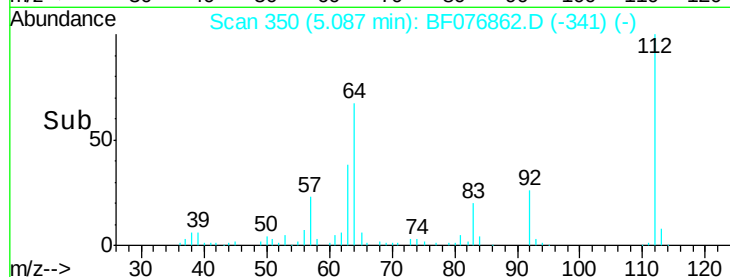
63 38.1 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.74 ng

RT: 7.30 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

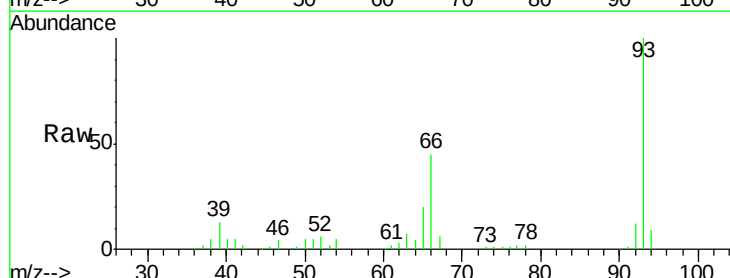
Tgt Ion: 93 Resp: 169950

Ion Ratio Lower Upper

93 100

66 44.9 35.0 52.4

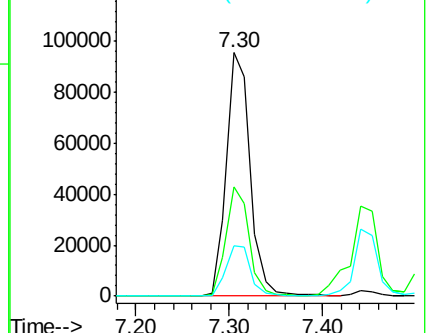
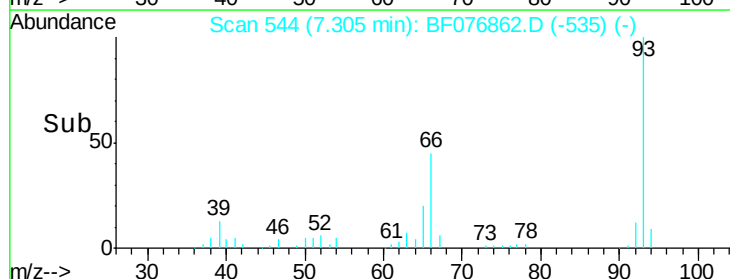
65 20.5 17.7 26.5

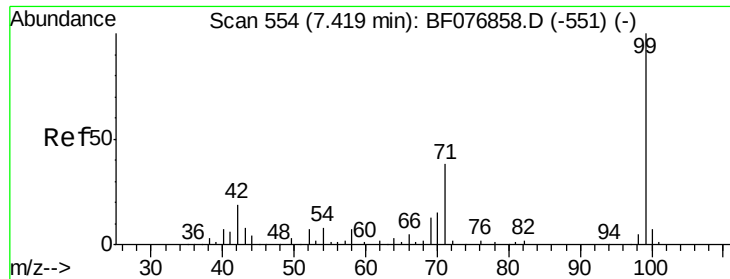


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.09 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

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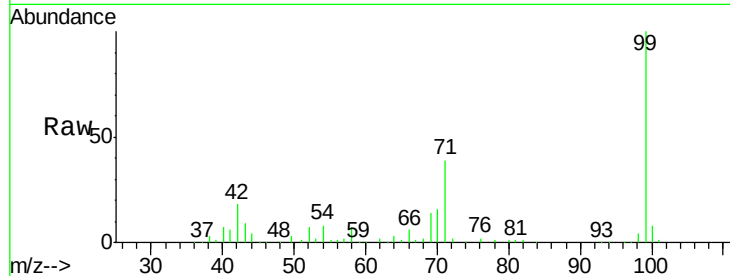
Tot Ion: 99 Resp: 247526

Ion Ratio Lower Upper

99 100

42 18.5 15.0 22.4

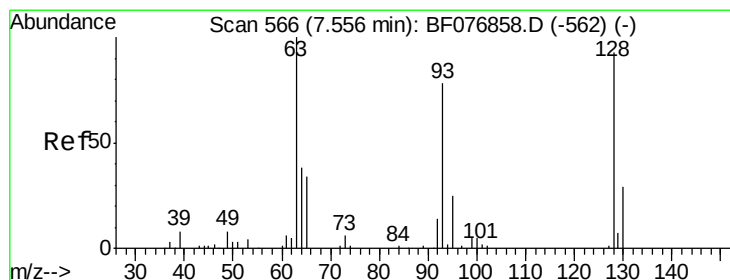
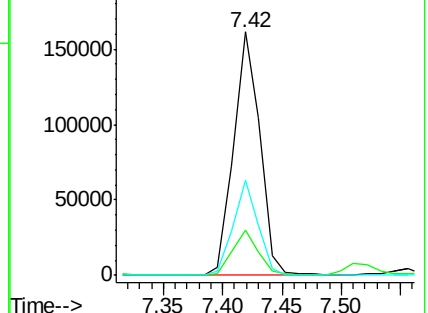
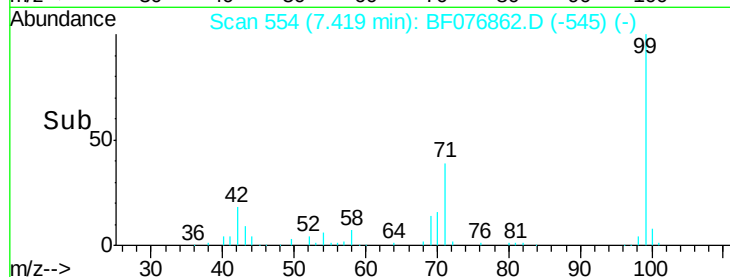
71 38.8 30.5 45.7



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: 39.12 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

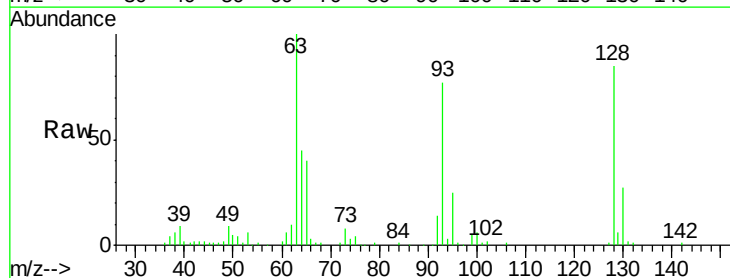
Tgt Ion: 128 Resp: 113326

Ion Ratio Lower Upper

128 100

130 32.3 11.0 51.0

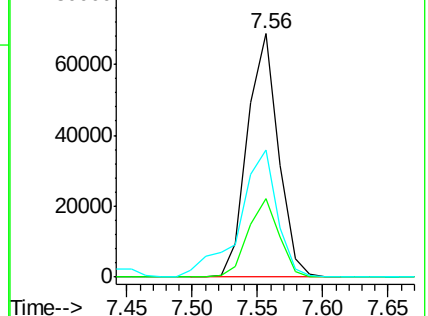
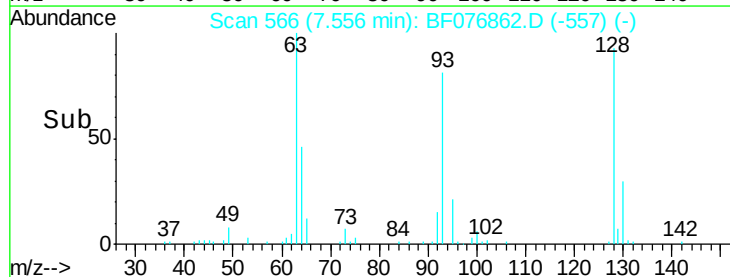
64 52.4 29.3 69.3

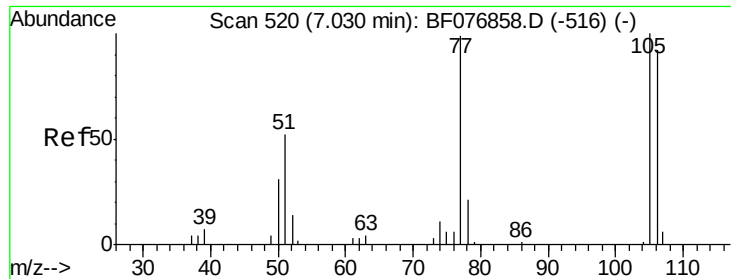


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

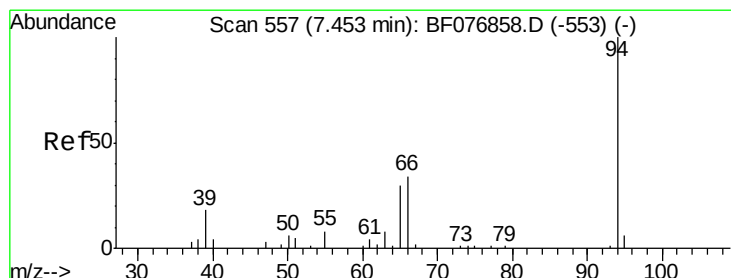
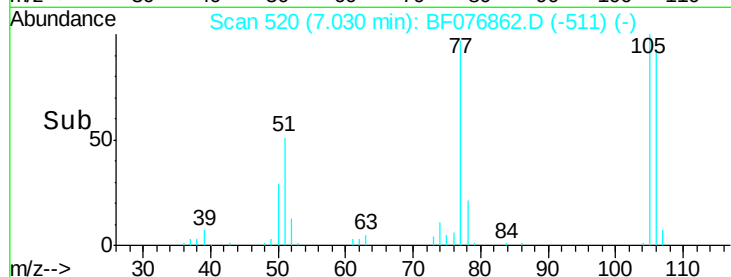
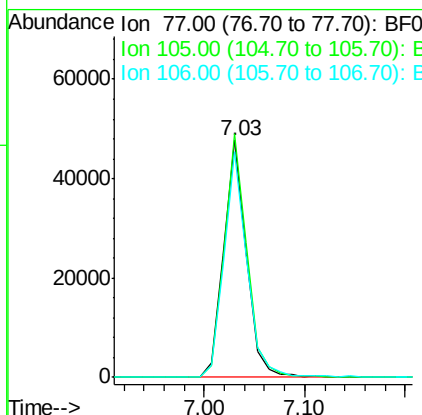
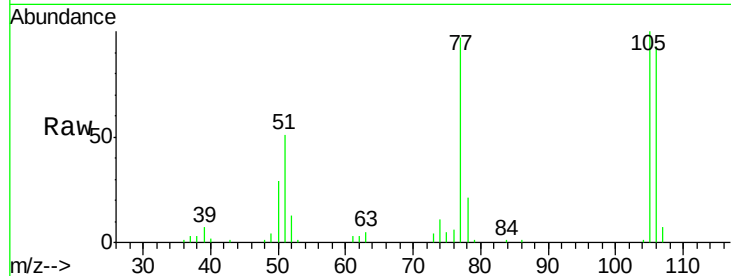




#9
Benzaldehyde
Concen: 41.64 ng
RT: 7.03 min Scan# 520
Delta R.T. 0.00 min
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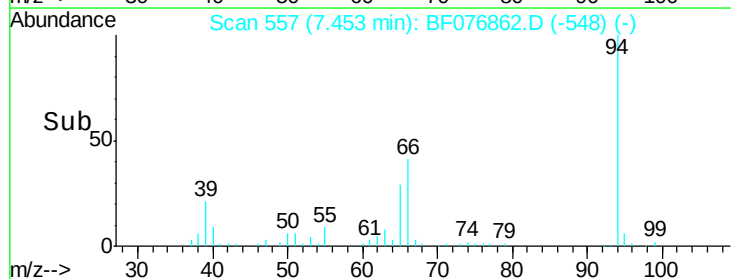
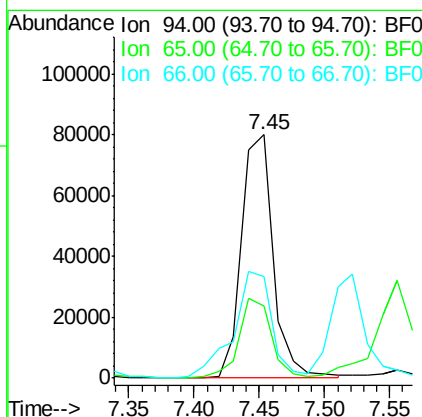
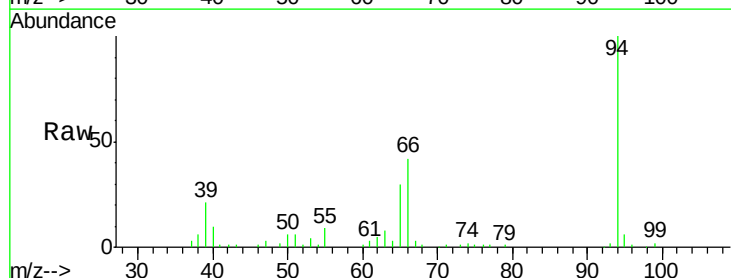
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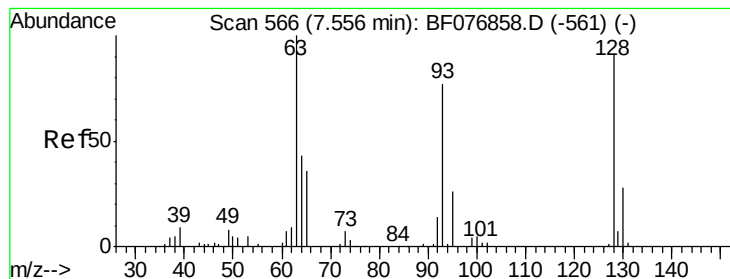
Tot Ion: 77 Resp: 74683
Ion Ratio Lower Upper
77 100
105 102.7 81.4 121.4
106 95.4 72.8 112.8



#10
Phenol
Concen: 40.29 ng
RT: 7.45 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion: 94 Resp: 135625
Ion Ratio Lower Upper
94 100
65 29.6 11.3 51.3
66 41.6 19.5 59.5

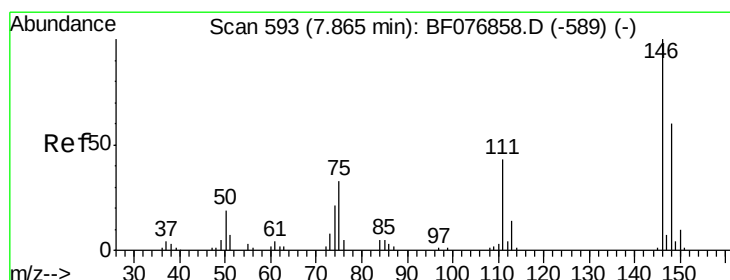
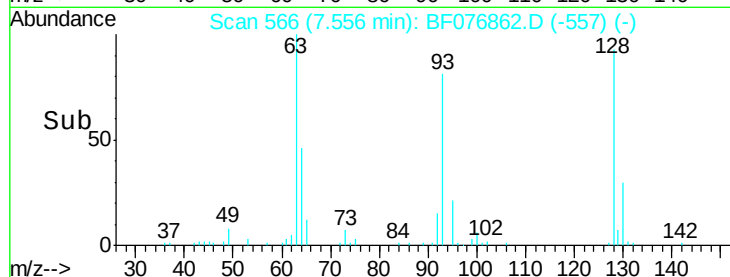
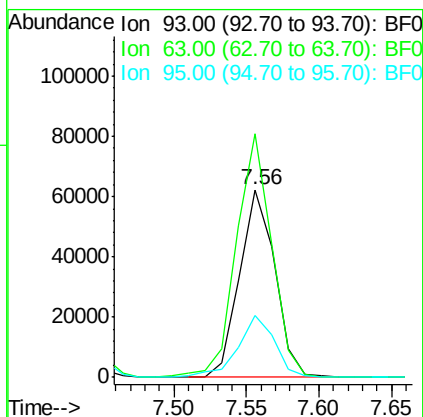
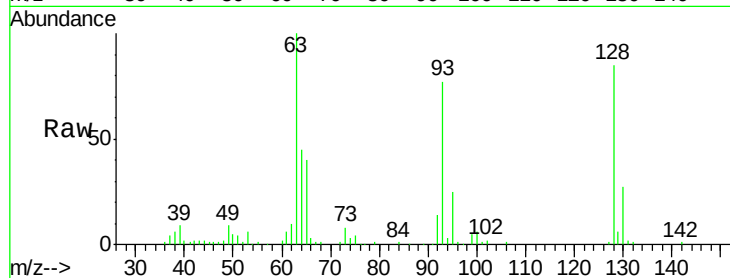




#11
bis(2-Chloroethyl)ether
Concen: 39.99 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

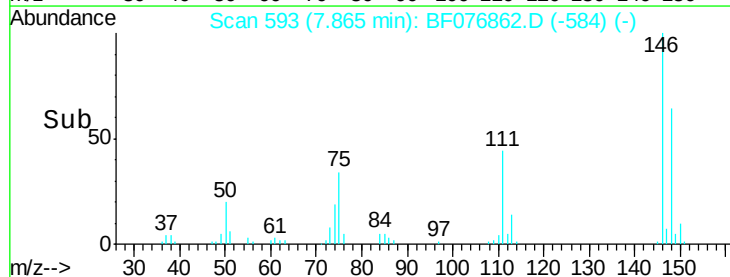
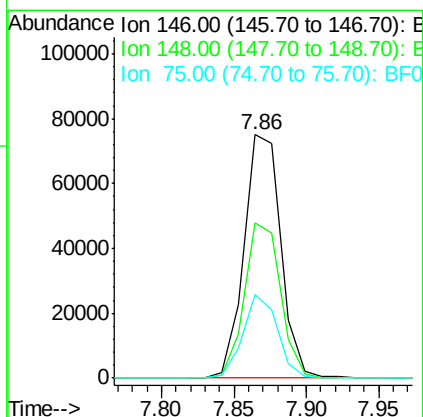
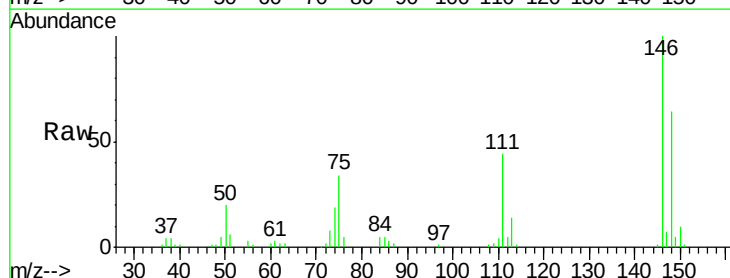
Instrument :
BNA_F
ClientSampleId :
ICVBF011415

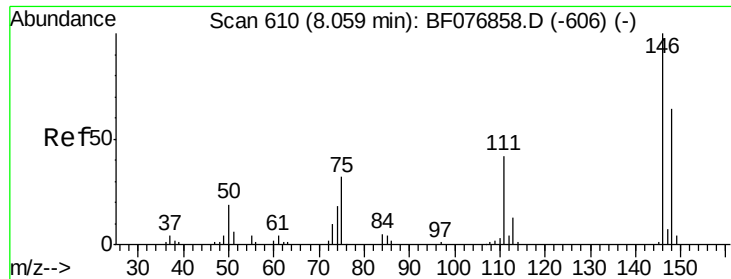
Tot Ion: 93 Resp: 105320
Ion Ratio Lower Upper
93 100
63 129.6 111.3 151.3
95 32.7 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 40.04 ng
RT: 7.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion: 146 Resp: 131948
Ion Ratio Lower Upper
146 100
148 63.9 48.1 72.1
75 34.1 26.8 40.2

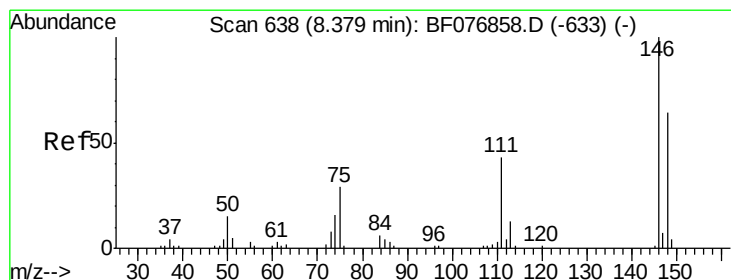
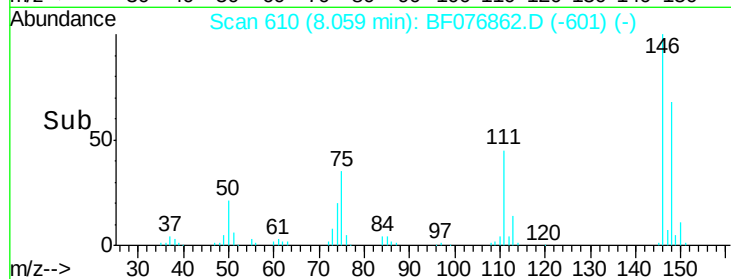
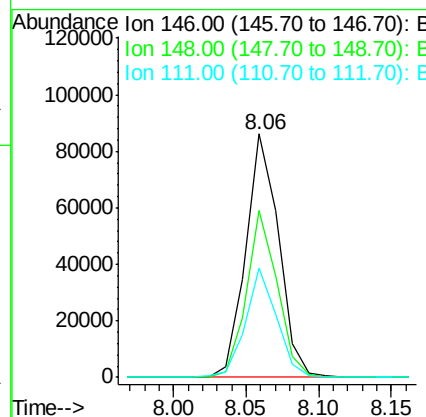
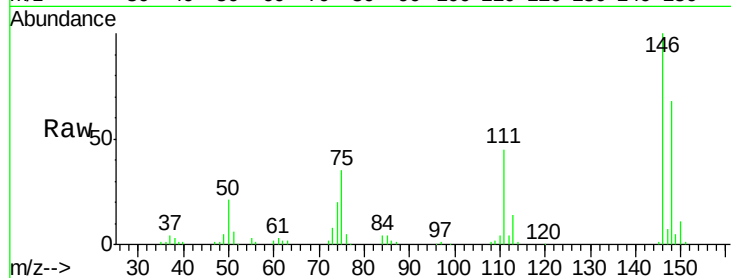




#13
 1,4-Dichlorobenzene
 Concen: 38.70 ng
 RT: 8.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

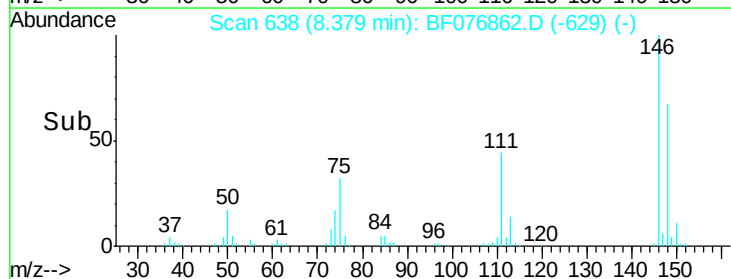
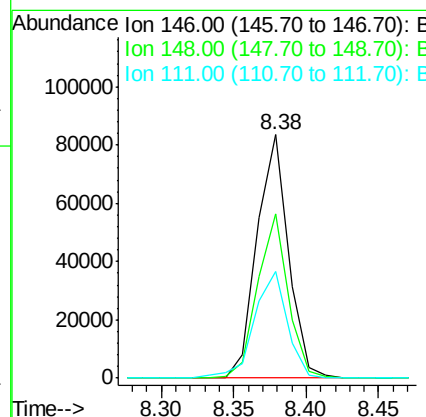
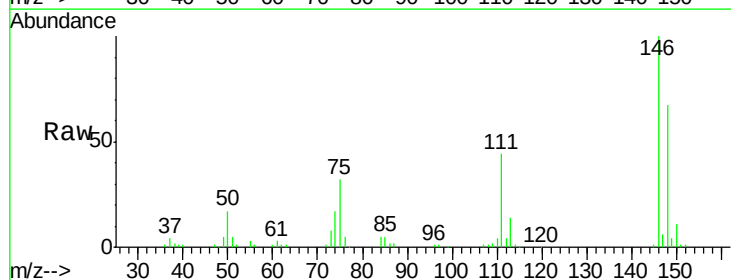
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

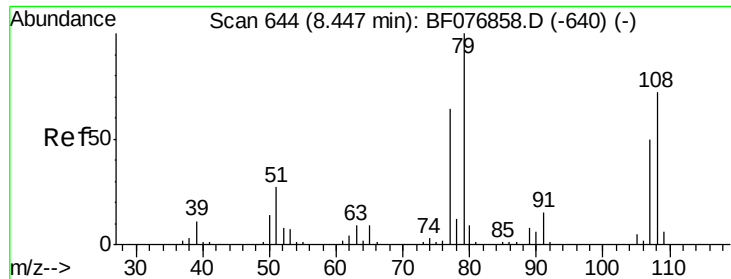
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.4	51.5	77.3
111	45.1	33.9	50.9



#14
 1,2-Dichlorobenzene
 Concen: 38.96 ng
 RT: 8.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.3	76.9
111	43.9	34.5	51.7





#15

Benzyl Alcohol

Concen: 40.73 ng

RT: 8.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

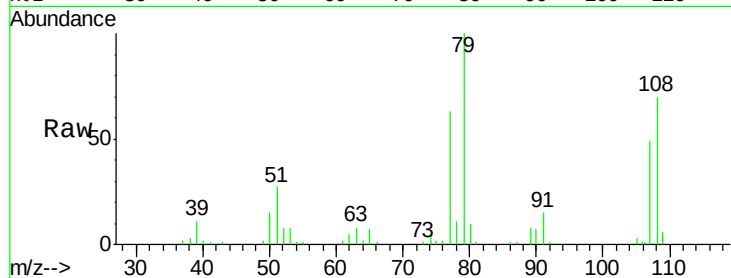
Tot Ion: 79 Resp: 104460

Ion Ratio Lower Upper

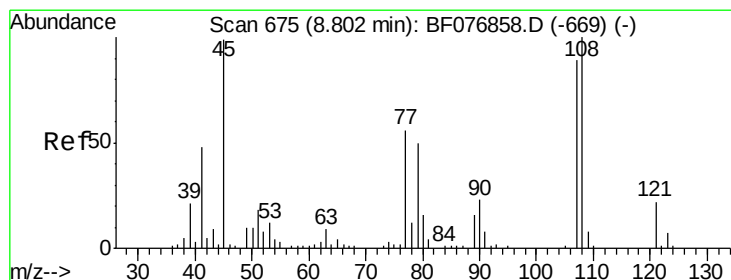
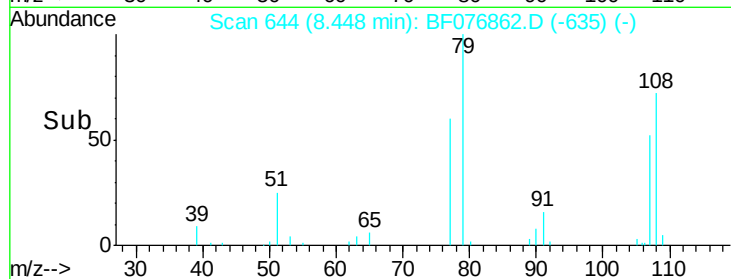
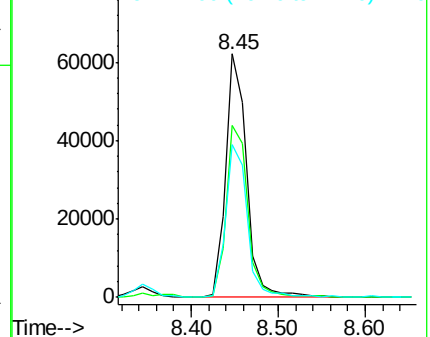
79 100

108 70.4 57.2 85.8

77 62.8 51.2 76.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.02 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

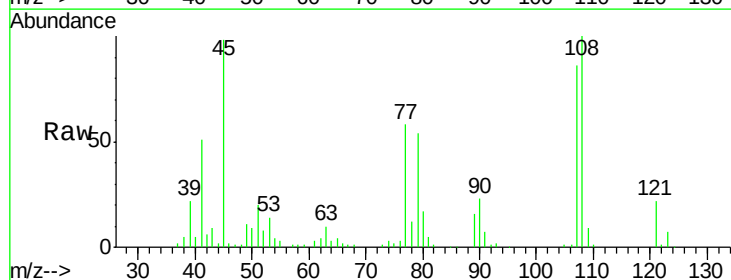
Tgt Ion: 45 Resp: 138124

Ion Ratio Lower Upper

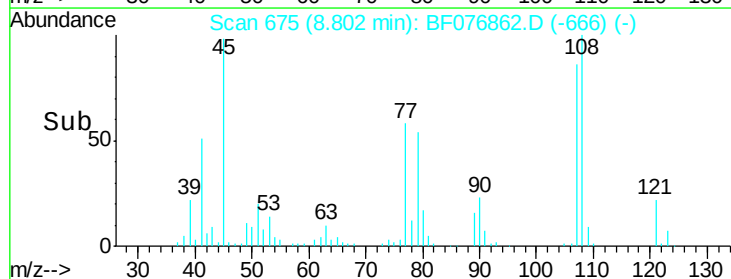
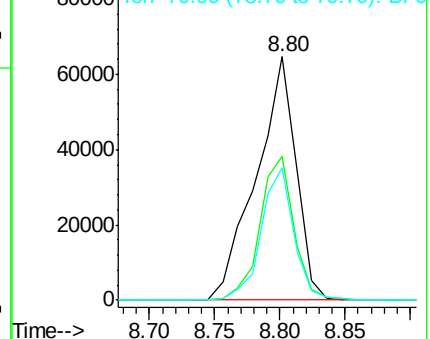
45 100

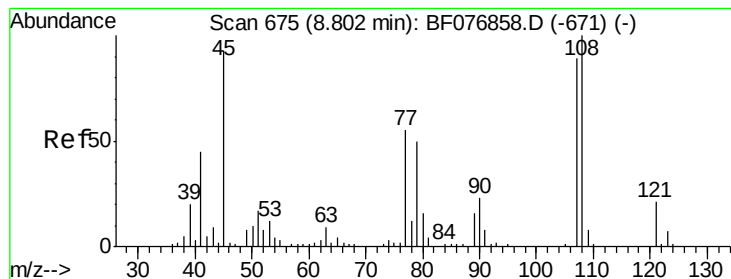
77 58.8 36.1 76.1

79 54.5 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.83 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

Tot Ion:107 Resp: 94291

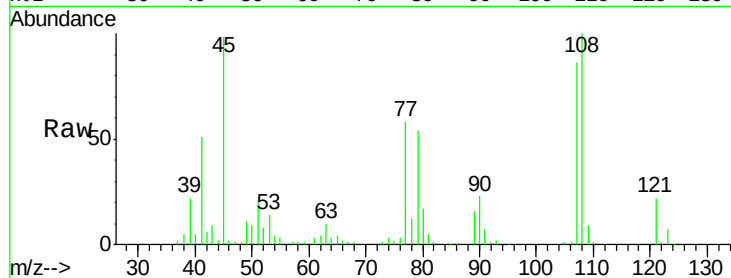
Ion Ratio Lower Upper

107 100

108 116.0 89.7 134.5

77 67.0 50.1 75.1

79 62.1 45.0 67.6

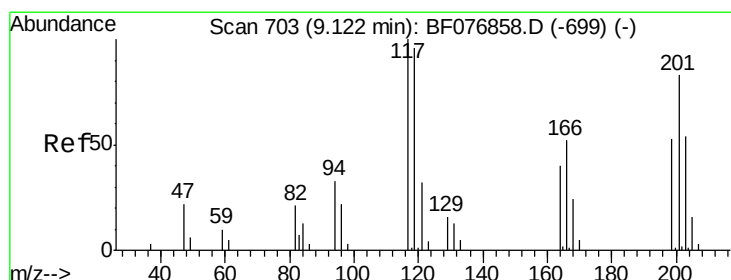
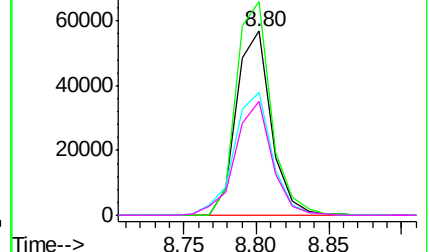
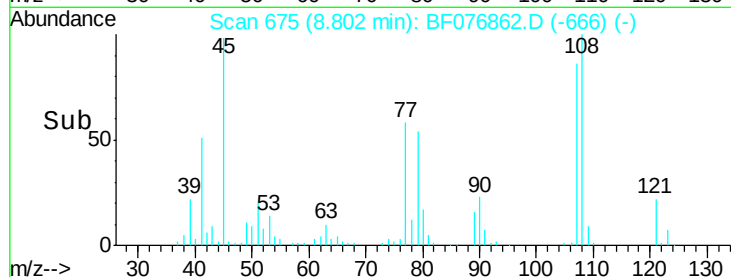


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.43 ng

RT: 9.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

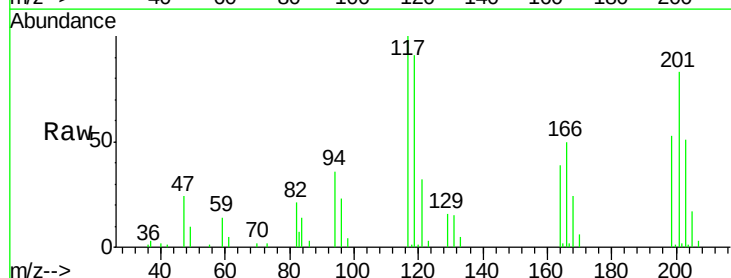
Tgt Ion:117 Resp: 49142

Ion Ratio Lower Upper

117 100

119 91.3 77.1 115.7

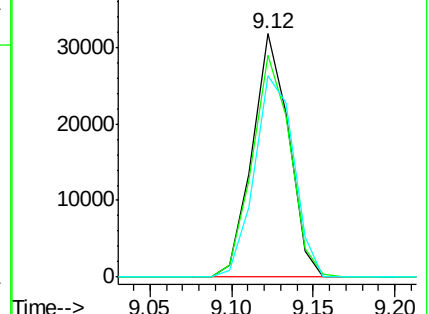
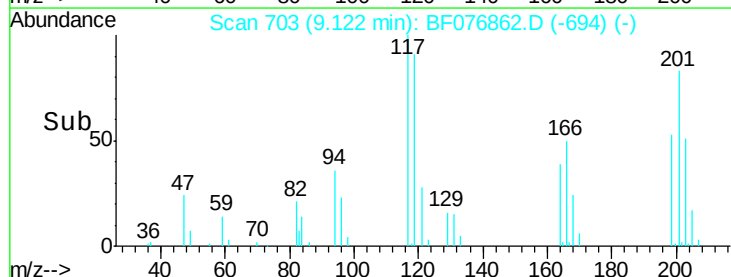
201 82.8 66.8 100.2

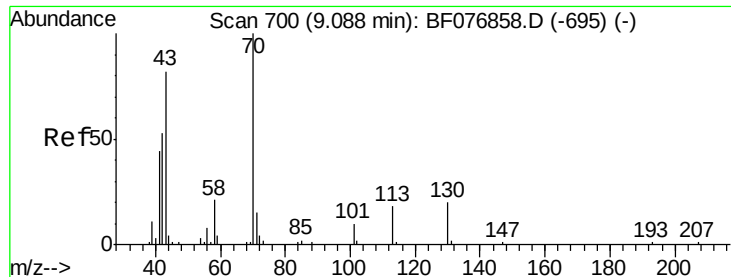


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

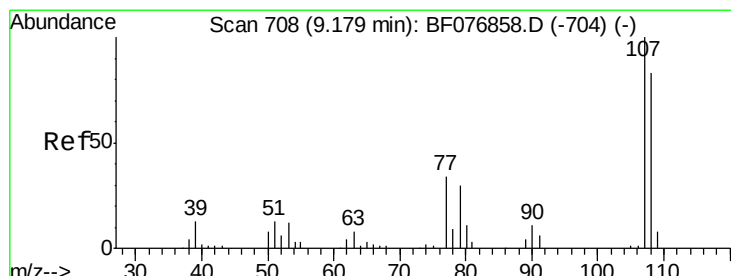
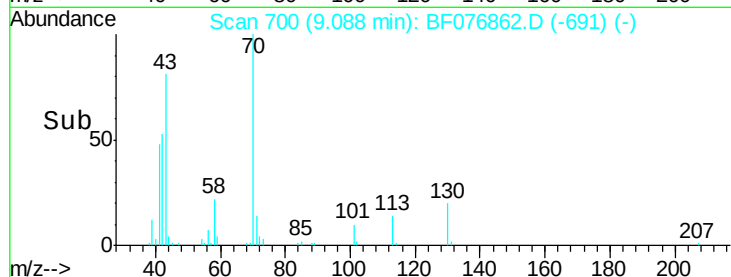
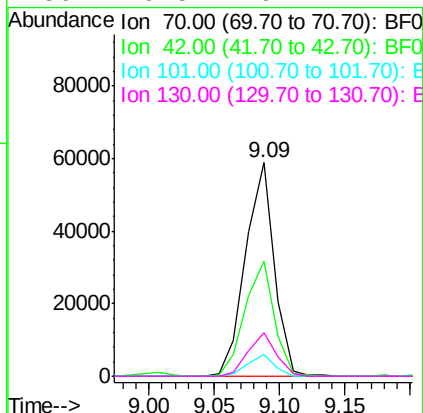
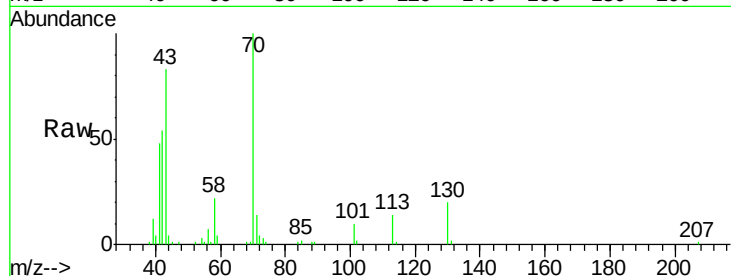




#19
n-Nitroso-di-n-propylamine
Concen: 40.97 ng
RT: 9.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

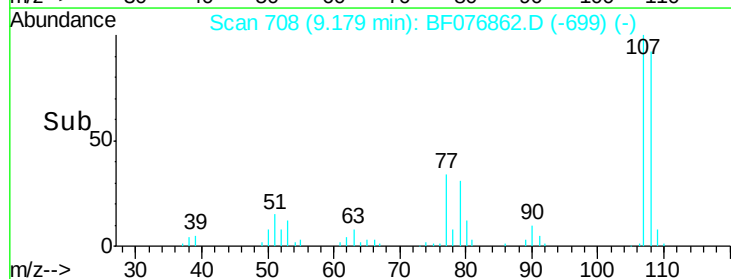
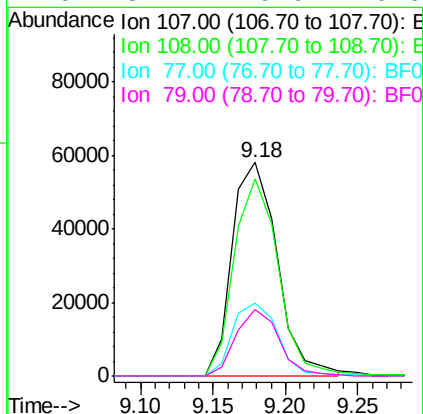
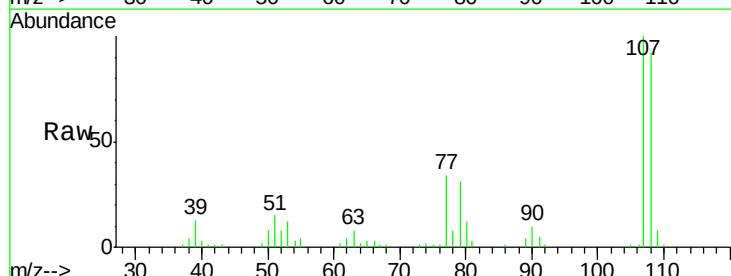
Instrument :
BNA_F
ClientSampleId :
ICVBF011415

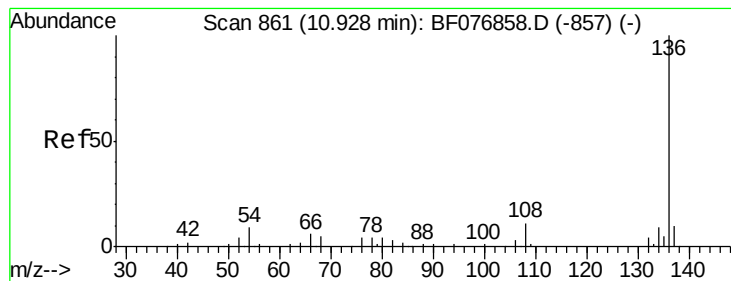
Tot Ion:	70	Resp:	90912
Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.1	63.1
101	9.9	7.8	11.8
130	20.5	16.2	24.4



#20
3+4-Methylphenols
Concen: 39.99 ng
RT: 9.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion:	107	Resp:	125337
Ion	Ratio	Lower	Upper
107	100		
108	92.3	63.5	103.5
77	34.0	14.0	54.0
79	31.1	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: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

Tot Ion:136 Resp: 174287

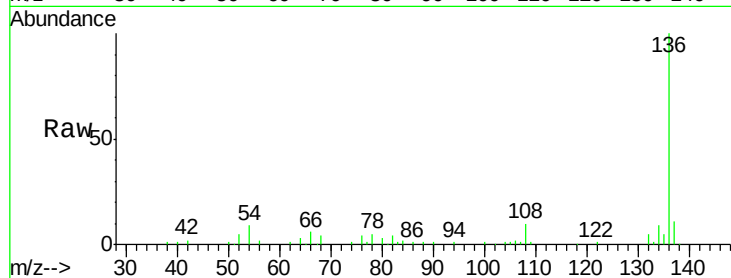
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 9.1 7.0 10.4

68 4.5 3.7 5.5

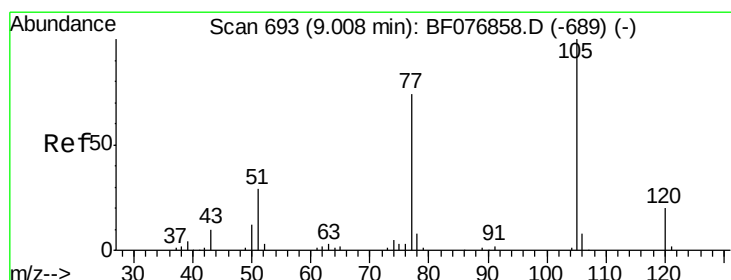
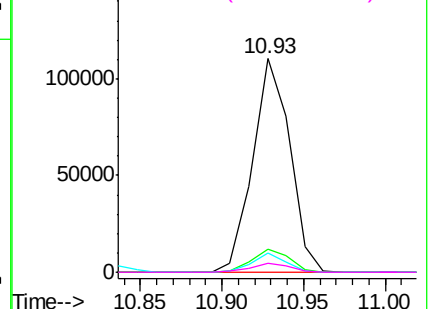
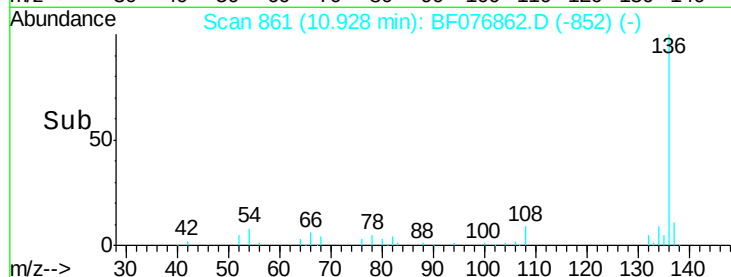


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.77 ng

RT: 9.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Tgt Ion:105 Resp: 178320

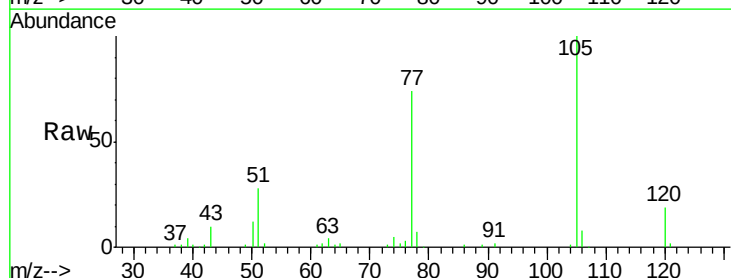
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 28.5 23.3 34.9

120 19.2 16.1 24.1

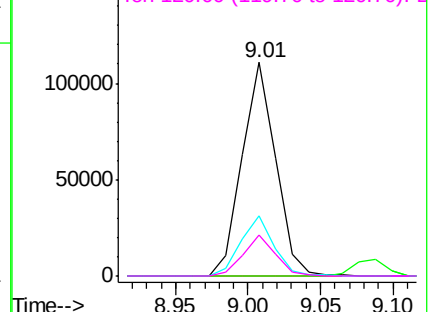
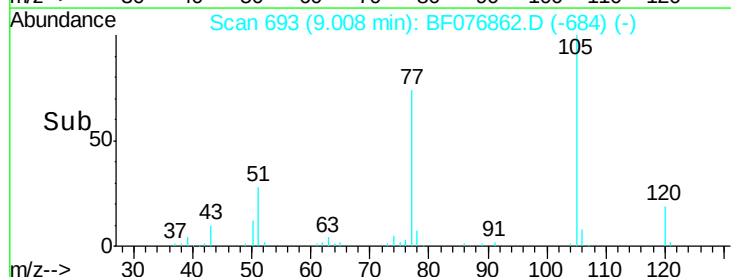


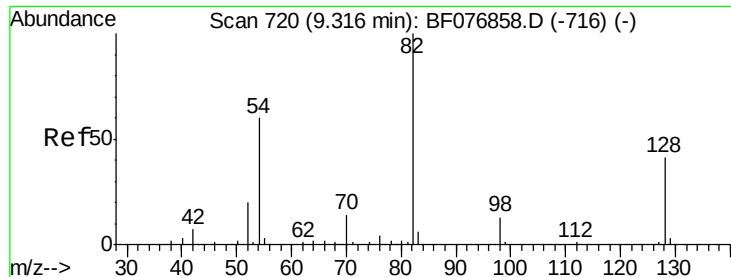
Abundance Ion 105.00 (104.70 to 105.70): E

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

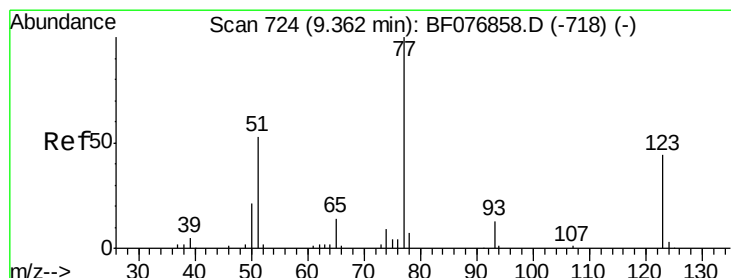
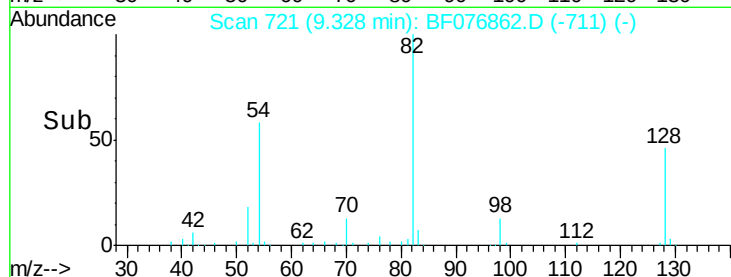
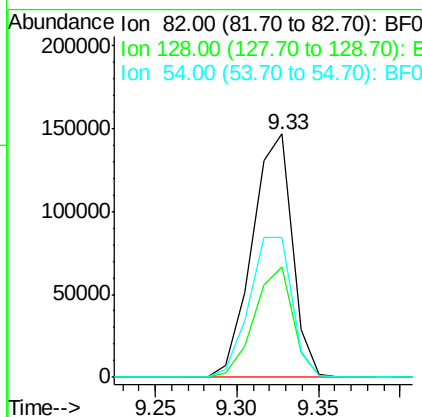
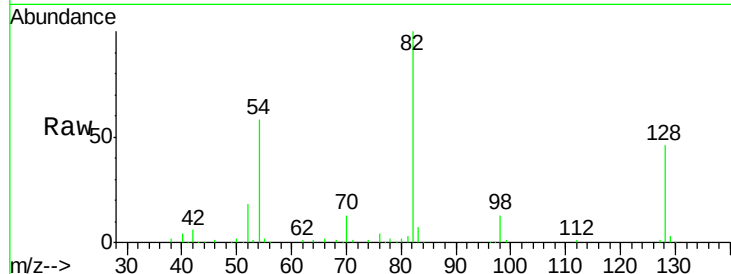




#23
 Nitrobenzene-d5
 Concen: 79.84 ng
 RT: 9.33 min Scan# 721
 Delta R.T. 0.01 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

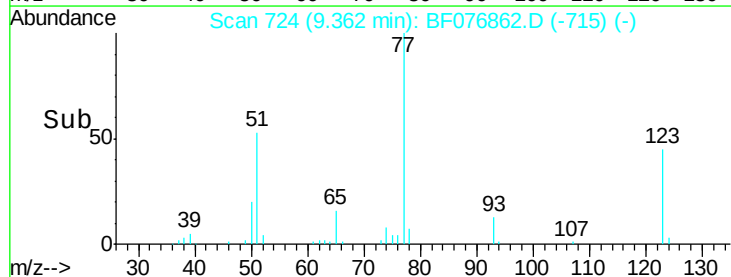
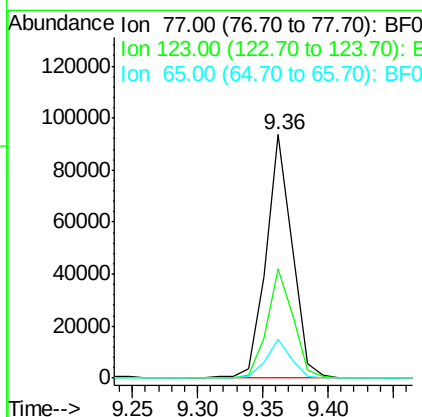
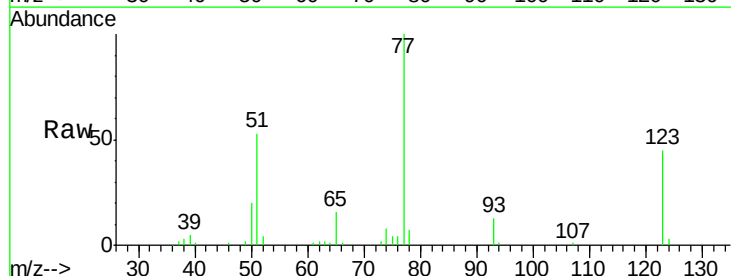
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

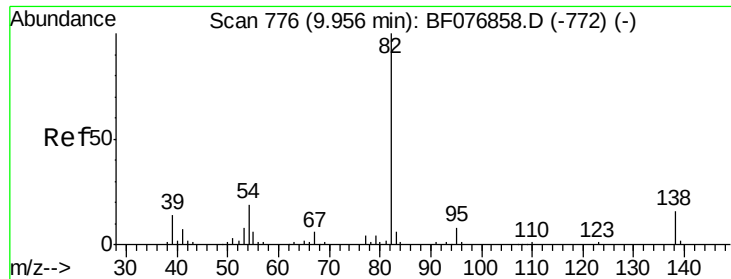
Tot Ion	82	Resp	251167
Ion Ratio	Lower	Upper	
82	100		
128	45.6	33.1	49.7
54	57.5	48.3	72.5



#24
 Nitrobenzene
 Concen: 41.00 ng
 RT: 9.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion	77	Resp	131406
Ion Ratio	Lower	Upper	
77	100		
123	45.1	35.2	52.8
65	15.9	11.4	17.2





#25

Isophorone

Concen: 40.81 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

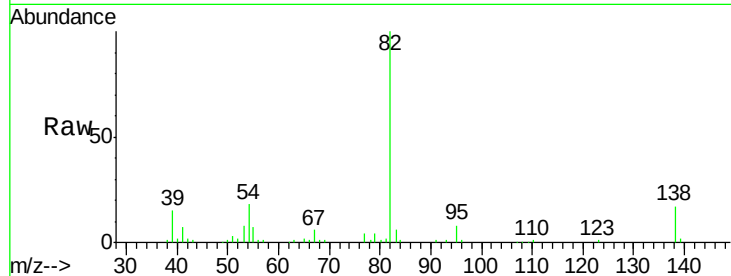
Tot Ion: 82 Resp: 233839

Ion Ratio Lower Upper

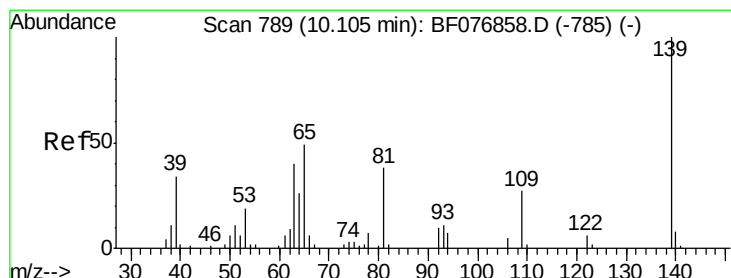
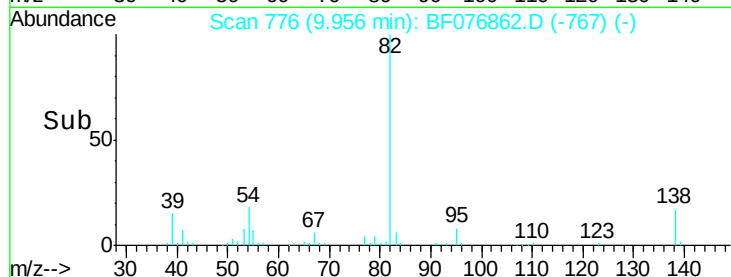
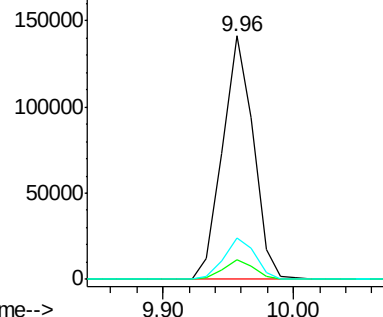
82 100

95 8.1 6.6 10.0

138 17.2 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.02 ng

RT: 10.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

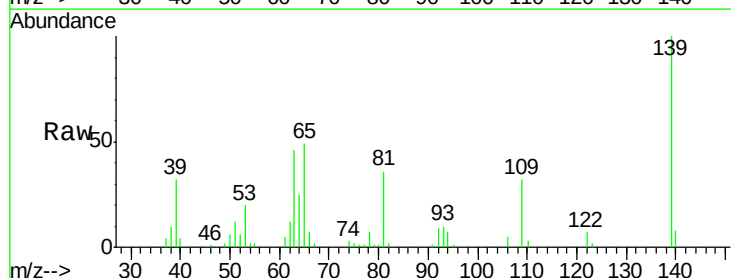
Tgt Ion: 139 Resp: 62712

Ion Ratio Lower Upper

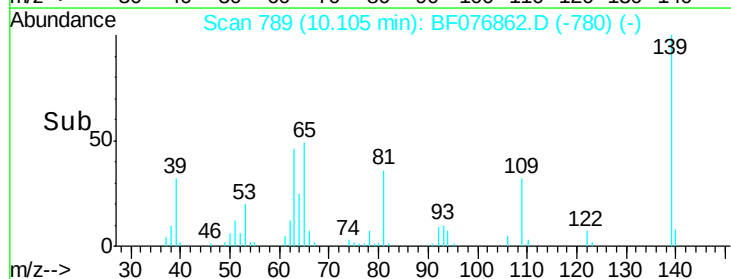
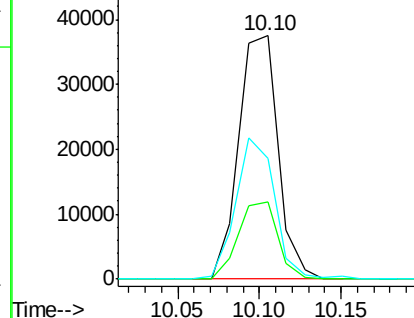
139 100

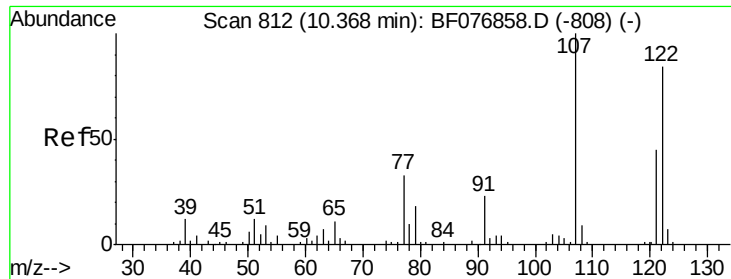
109 31.6 21.3 31.9

65 49.5 39.4 59.0



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

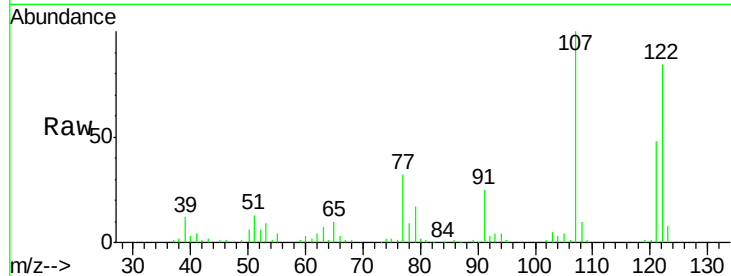




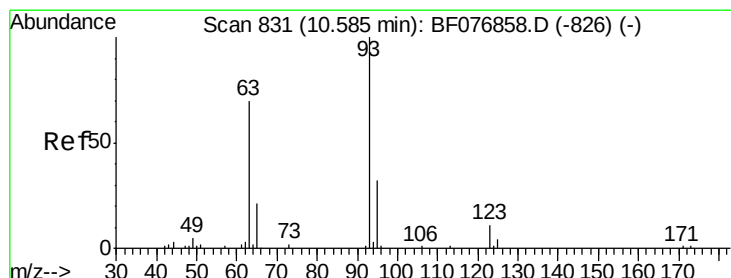
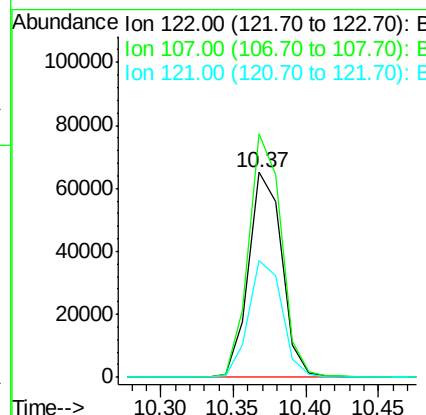
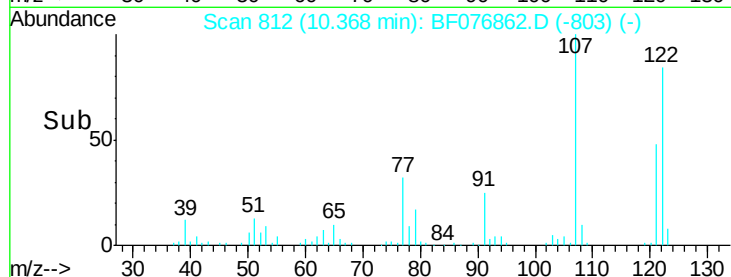
#27
 2,4-Dimethylphenol
 Concen: 41.95 ng
 RT: 10.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

Tot Ion:122 Resp: 103962
 Ion Ratio Lower Upper
 122 100
 107 118.7 95.2 142.8
 121 57.0 42.9 64.3

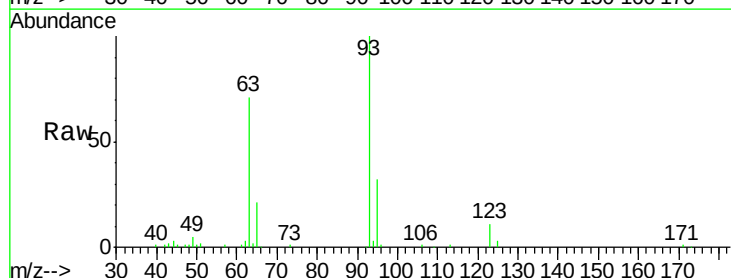


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

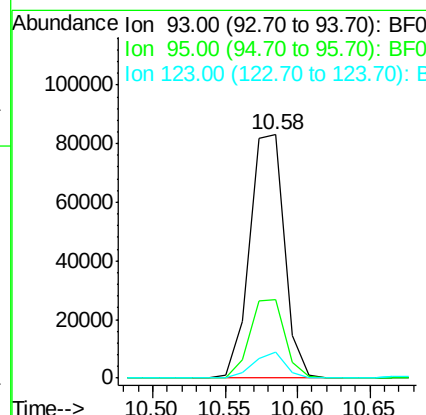
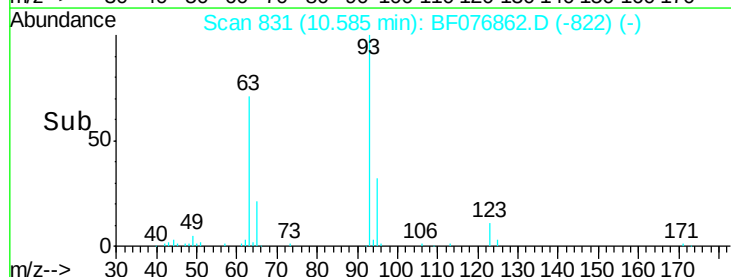


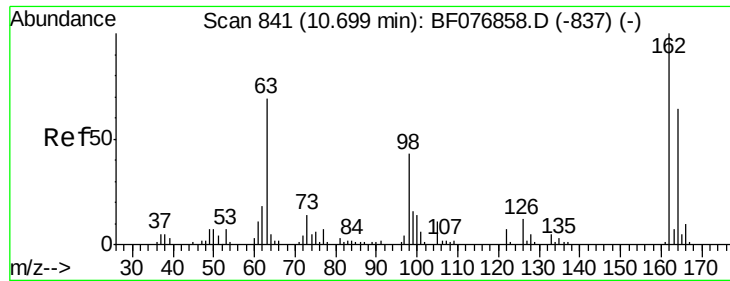
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.43 ng
 RT: 10.58 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion: 93 Resp: 138166
 Ion Ratio Lower Upper
 93 100
 95 32.3 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

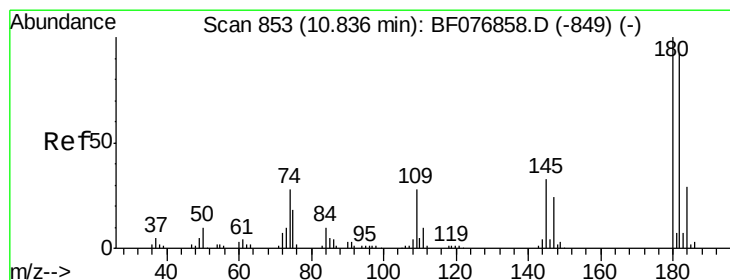
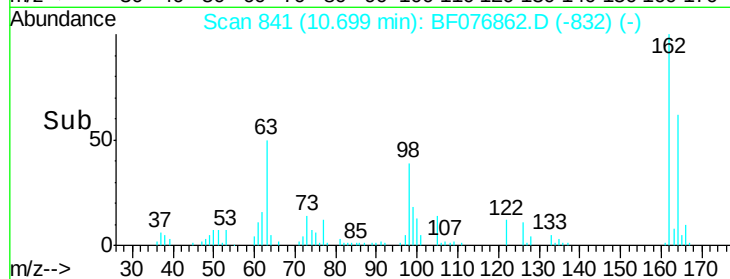
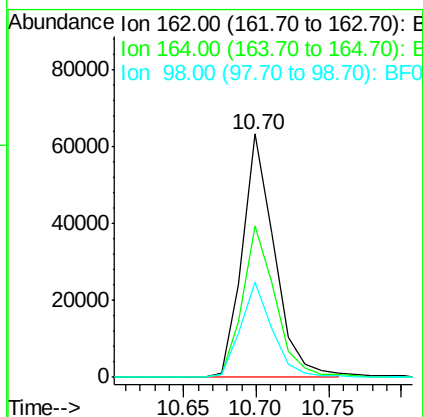
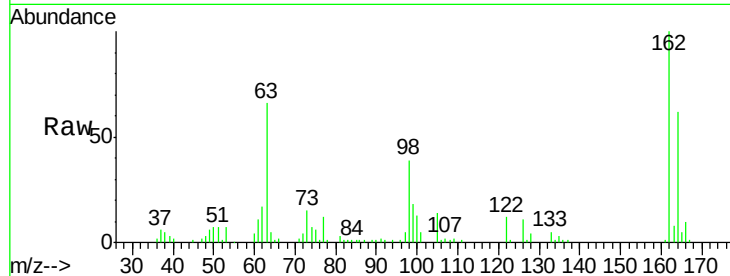




#29
2,4-Dichlorophenol
Concen: 42.62 ng
RT: 10.70 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

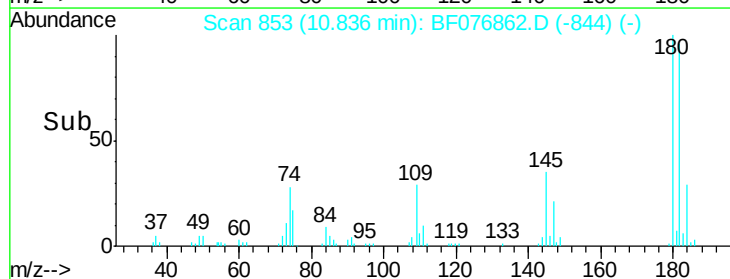
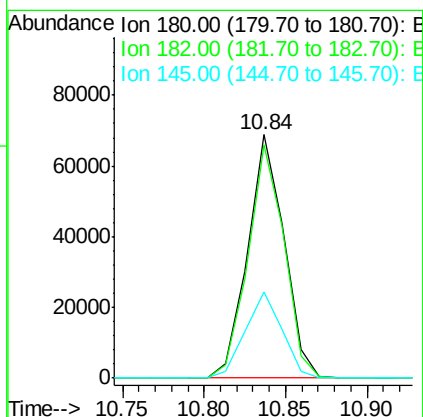
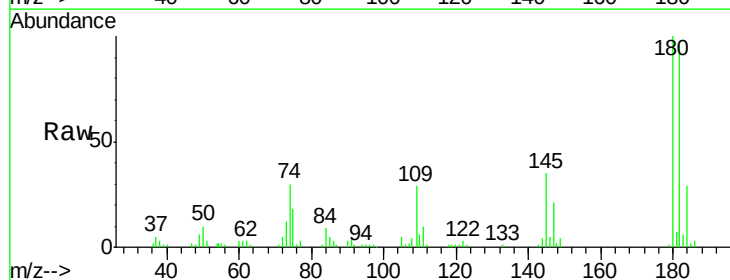
Instrument :
BNA_F
ClientSampleId :
ICVBF011415

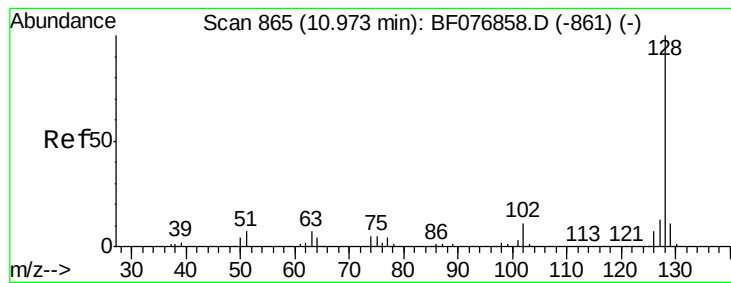
Tot Ion:162 Resp: 98438
Ion Ratio Lower Upper
162 100
164 62.1 43.8 83.8
98 38.8 22.5 62.5



#30
1,2,4-Trichlorobenzene
Concen: 41.54 ng
RT: 10.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion:180 Resp: 106560
Ion Ratio Lower Upper
180 100
182 96.0 73.6 110.4
145 35.2 26.6 39.8





#31

Naphthalene

Concen: 40.51 ng

RT: 10.97 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

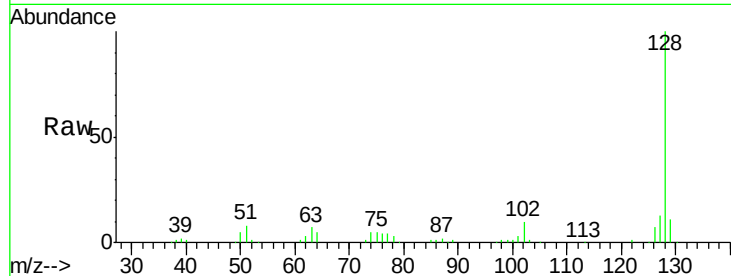
Tot Ion:128 Resp: 363498

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

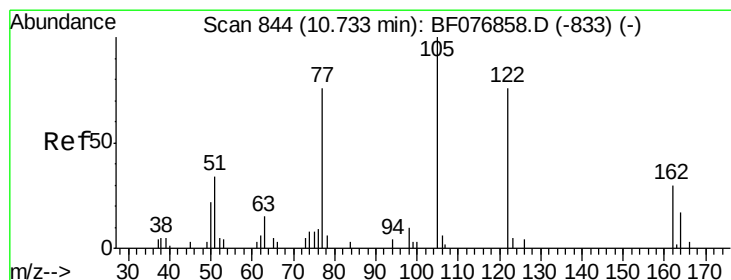
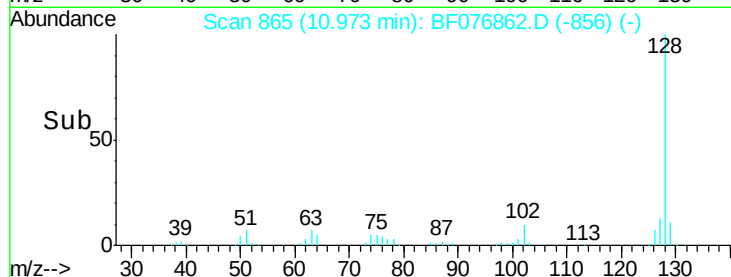
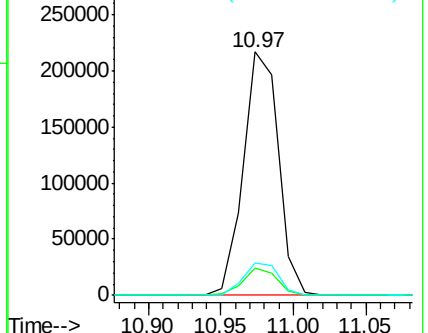
127 13.2 10.2 15.2



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



#32

Benzoic acid

Concen: 25.49 ng

RT: 10.74 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

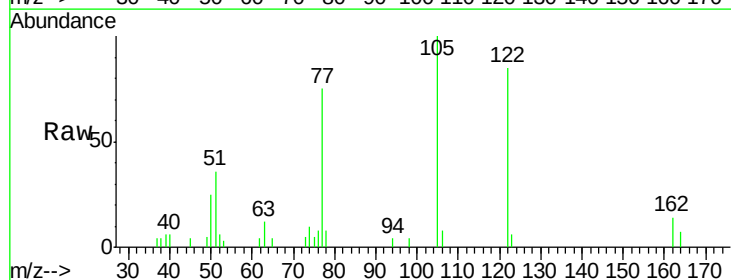
Tgt Ion:122 Resp: 34992

Ion Ratio Lower Upper

122 100

105 117.2 111.3 151.3

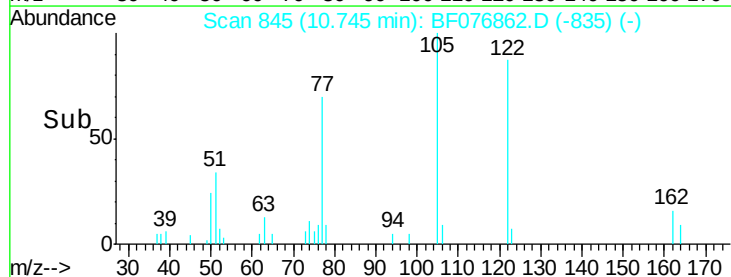
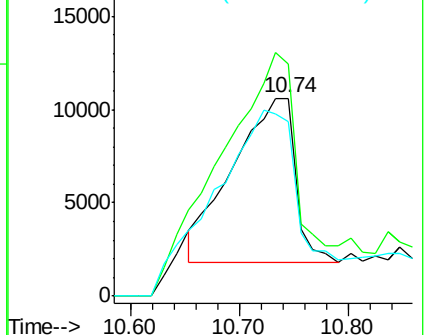
77 88.4 79.2 119.2

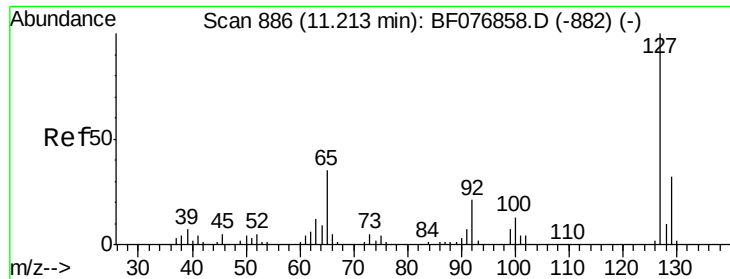


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

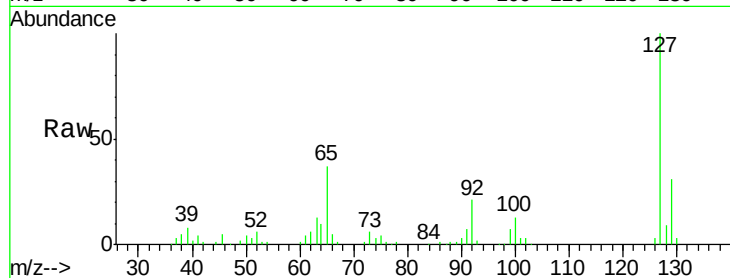




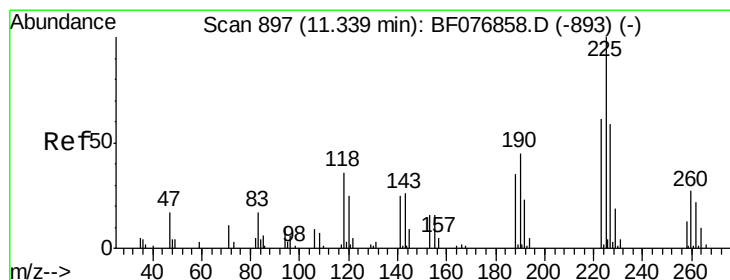
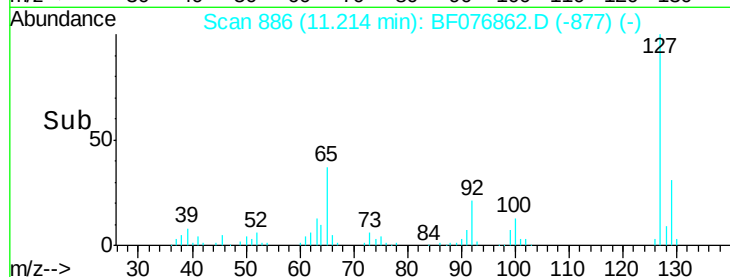
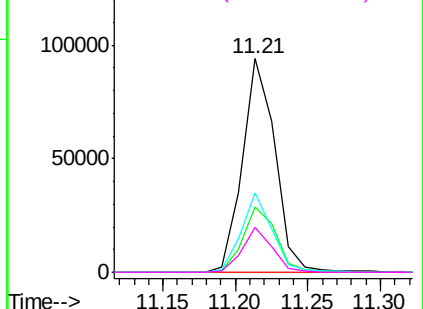
#33
4-Chloroaniline
Concen: 40.37 ng
RT: 11.21 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011415

Tot Ion:	127	Resp:	146377
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.3	37.9
65	37.3	27.8	41.6
92	20.7	16.5	24.7

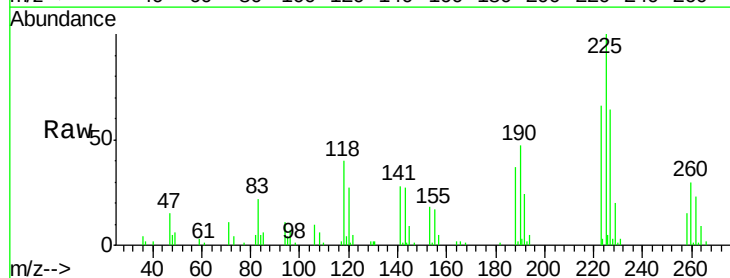


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

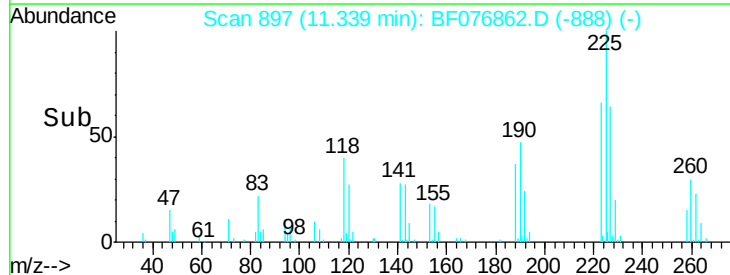
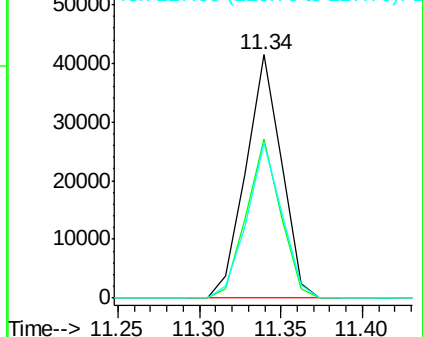


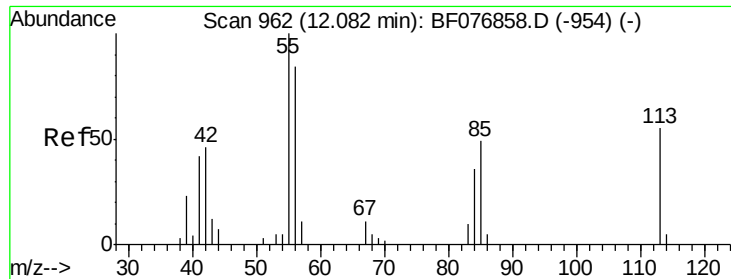
#34
Hexachlorobutadiene
Concen: 41.30 ng
RT: 11.34 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion:	225	Resp:	62860
Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.1	73.7
227	64.0	47.5	71.3



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

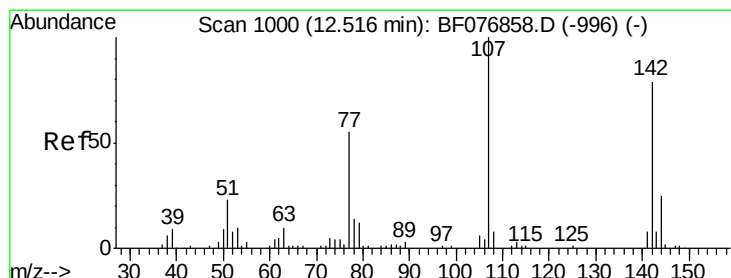
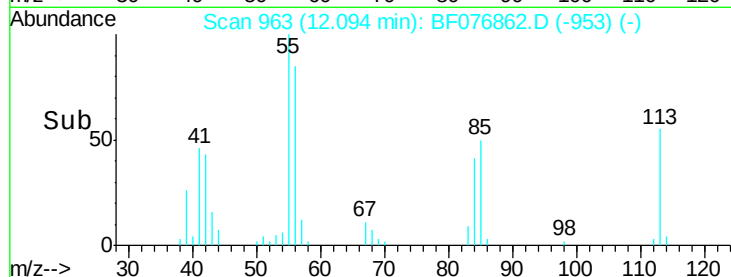
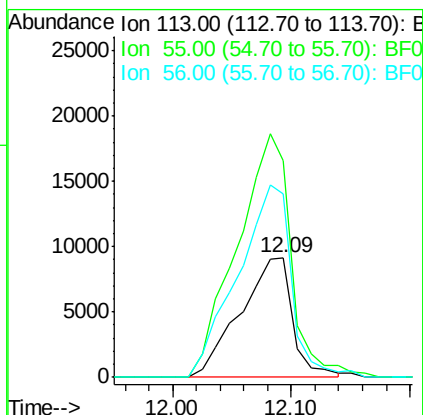
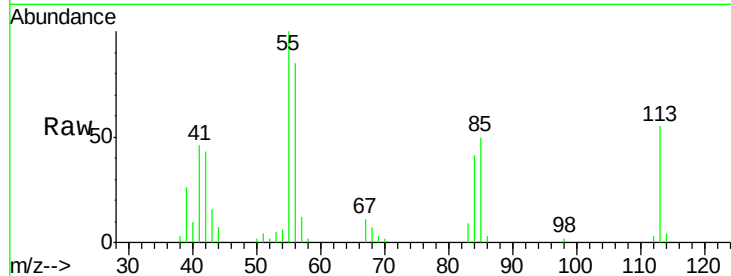




#35
 Caprolactam
 Concen: 41.42 ng
 RT: 12.09 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

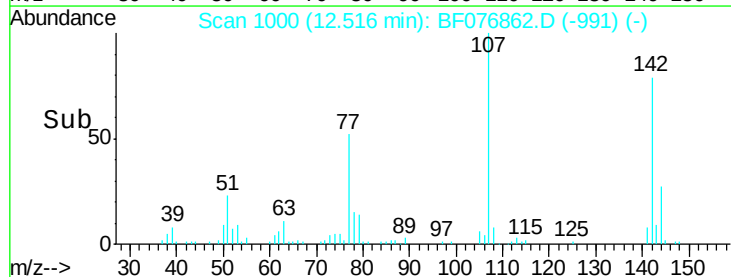
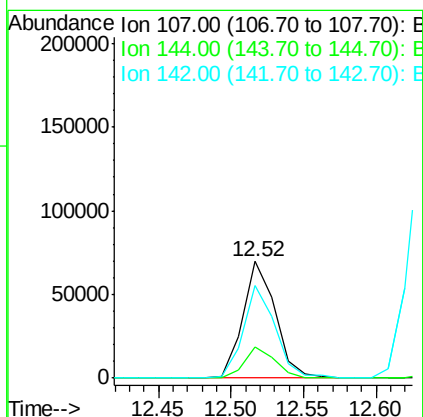
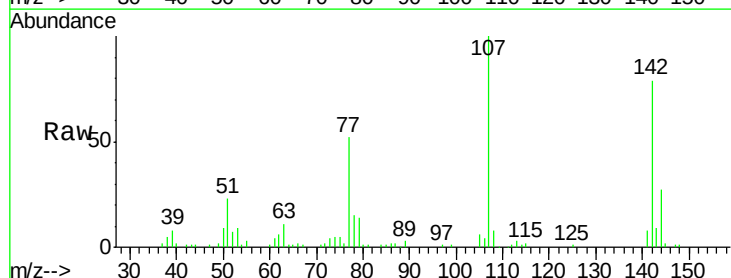
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

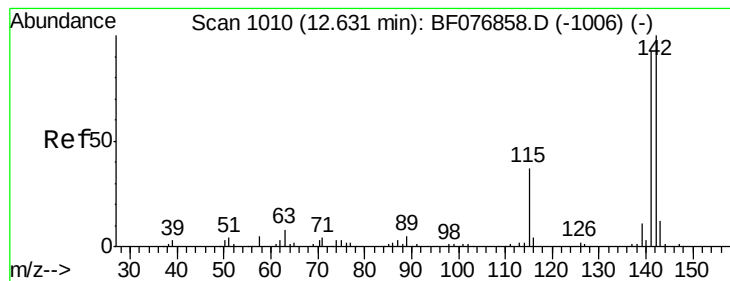
Tot Ion:113 Resp: 28166
 Ion Ratio Lower Upper
 113 100
 55 181.0 162.1 202.1
 56 153.1 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.18 ng
 RT: 12.52 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion:107 Resp: 108908
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.0 30.0
 142 79.0 63.5 95.3





#37

2-Methylnaphthalene

Concen: 41.32 ng

RT: 12.63 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

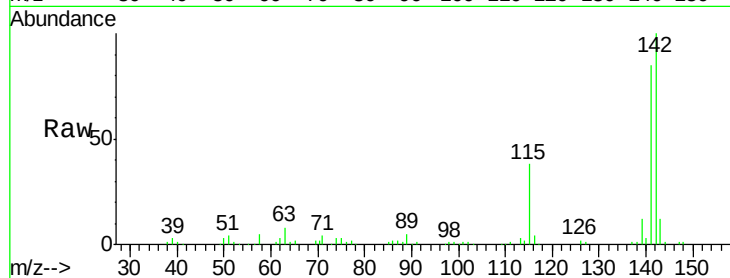
Tot Ion:142 Resp: 253177

Ion Ratio Lower Upper

142 100

141 85.2 74.5 111.7

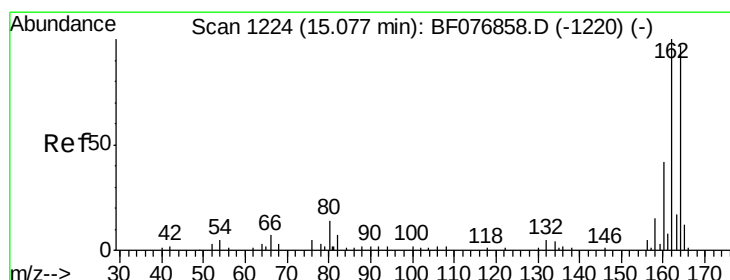
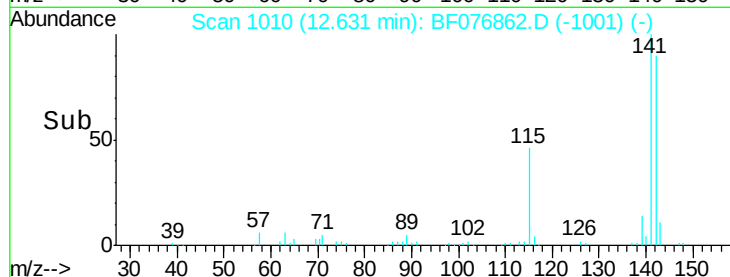
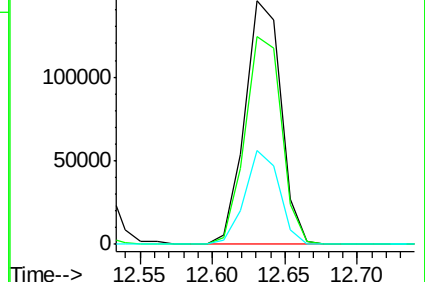
115 38.3 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.08 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

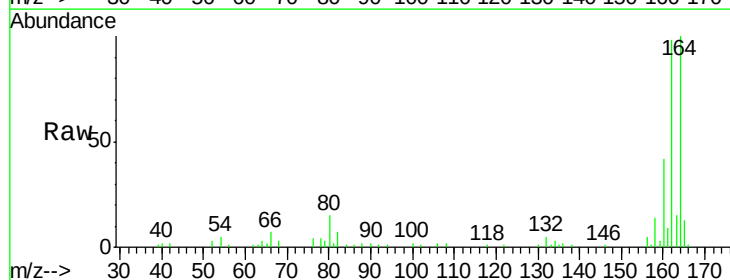
Tgt Ion:164 Resp: 99286

Ion Ratio Lower Upper

164 100

162 98.3 82.4 123.6

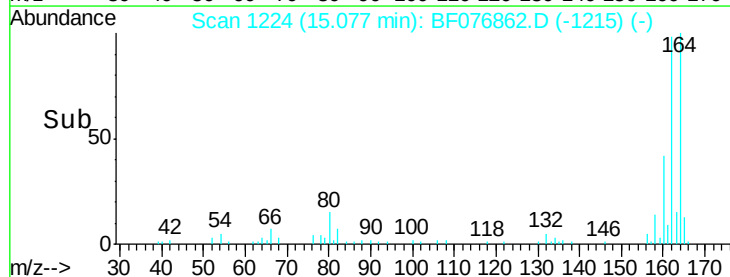
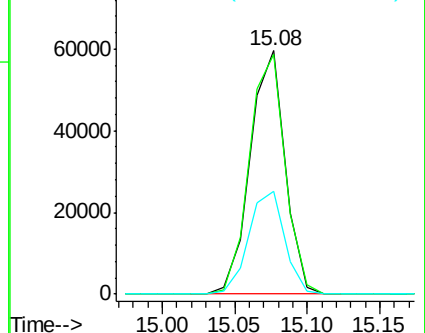
160 42.3 34.8 52.2

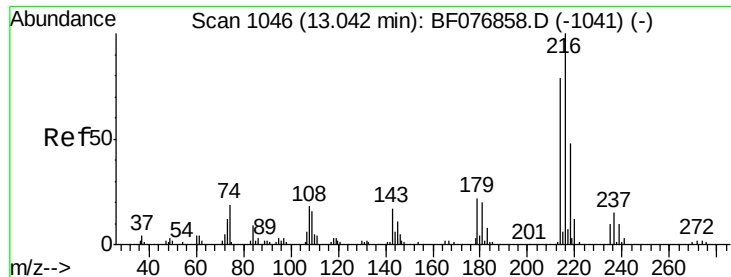


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.81 ng

RT: 13.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

Tot Ion:216 Resp: 95257

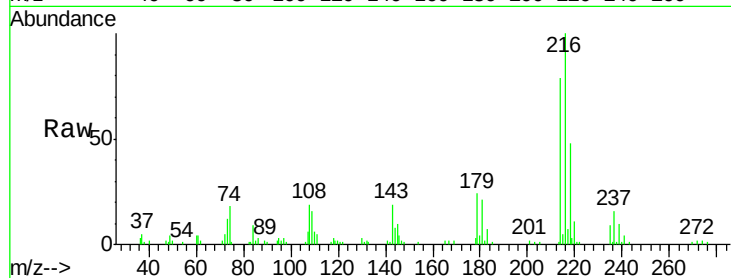
Ion Ratio Lower Upper

216 100

214 79.5 64.9 97.3

179 23.7 18.6 28.0

108 22.9 18.1 27.1

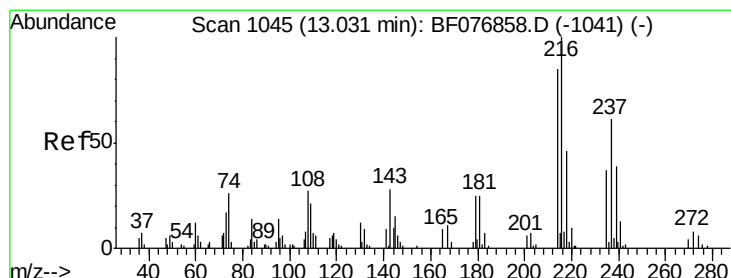
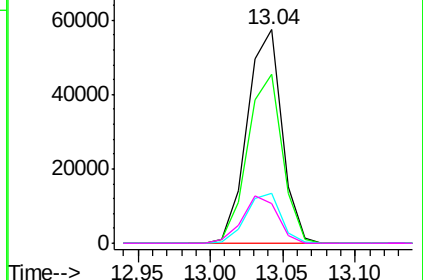
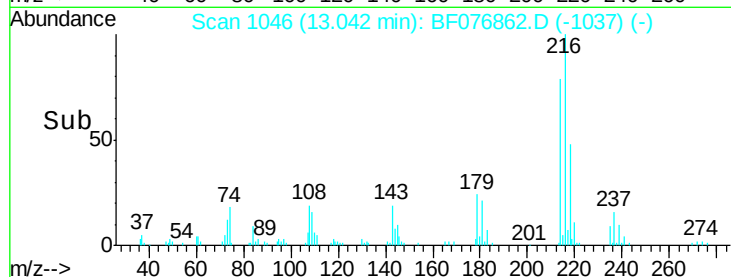


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.66 ng

RT: 13.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

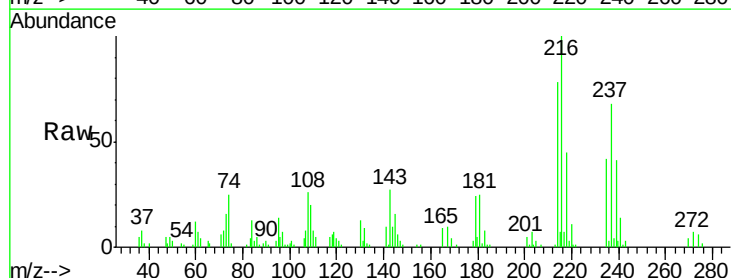
Tgt Ion:237 Resp: 51004

Ion Ratio Lower Upper

237 100

235 61.2 40.4 80.4

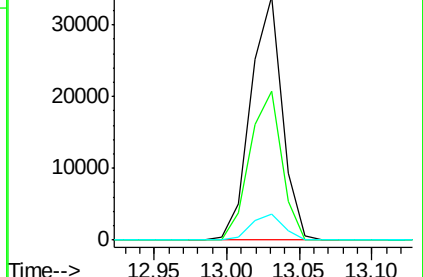
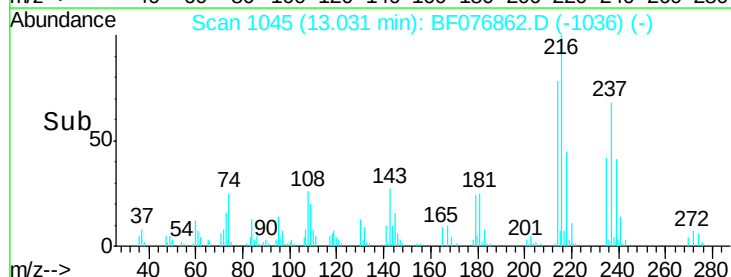
272 10.8 0.0 33.2

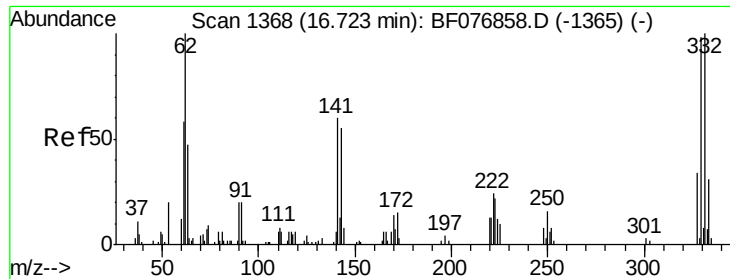


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 83.13 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

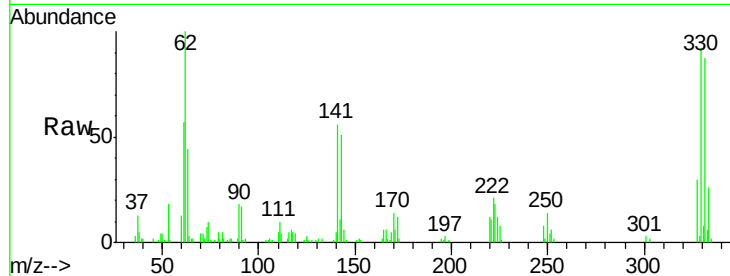
Tot Ion:330 Resp: 66999

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

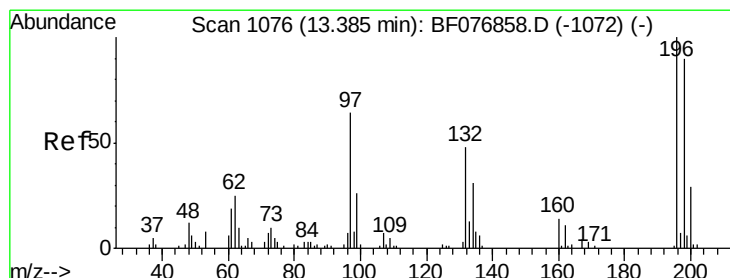
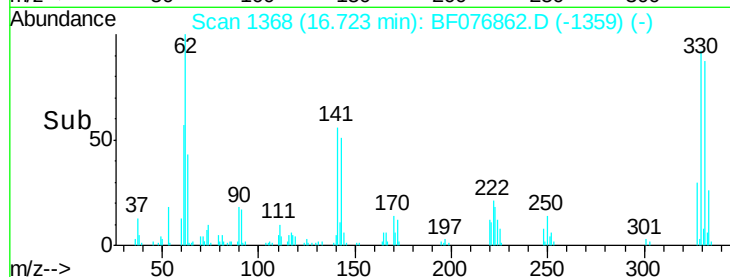
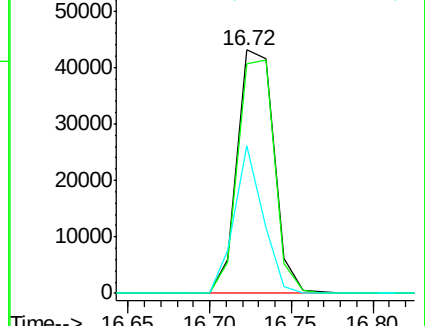
141 47.7 38.5 57.7



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: 41.04 ng

RT: 13.39 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

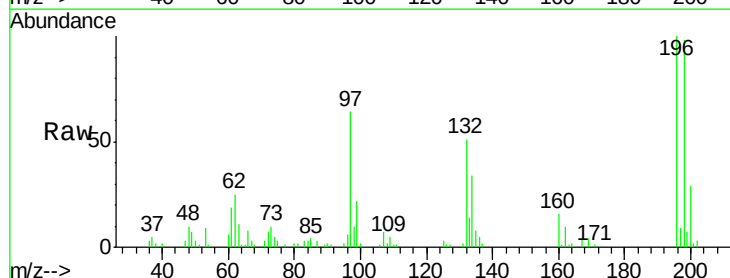
Tgt Ion:196 Resp: 73409

Ion Ratio Lower Upper

196 100

198 97.8 72.0 108.0

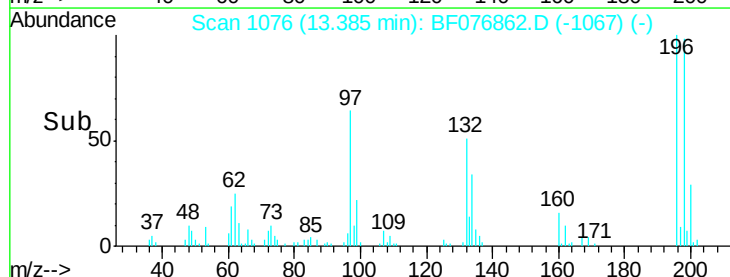
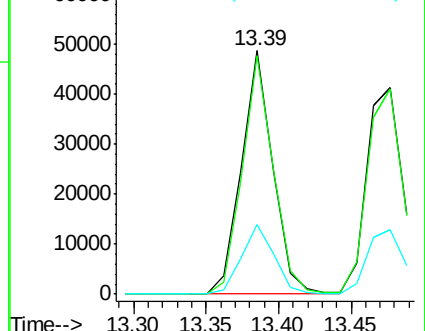
200 28.7 23.4 35.2

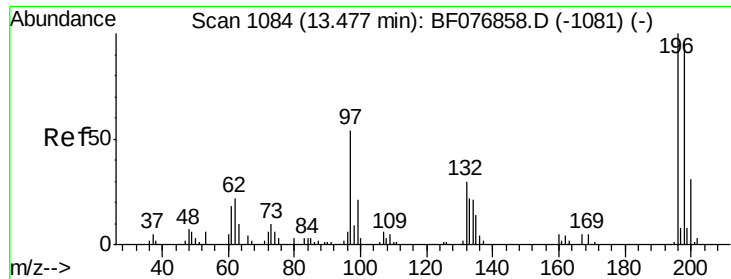


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

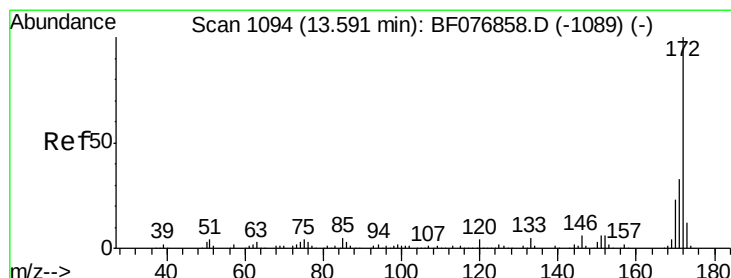
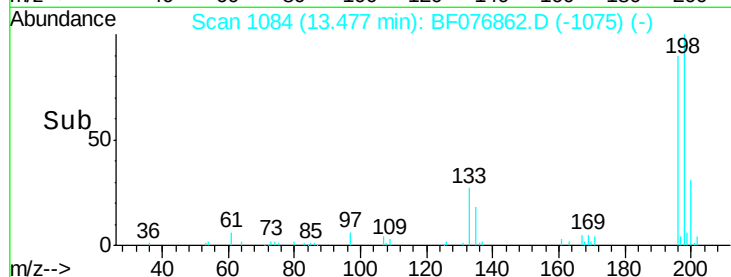
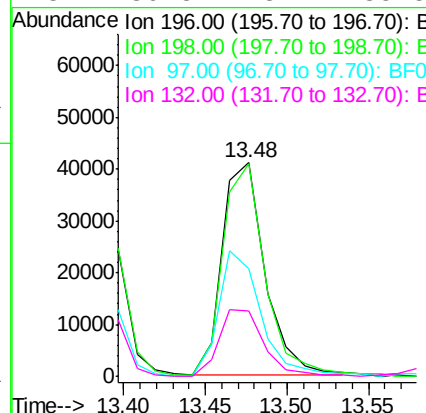
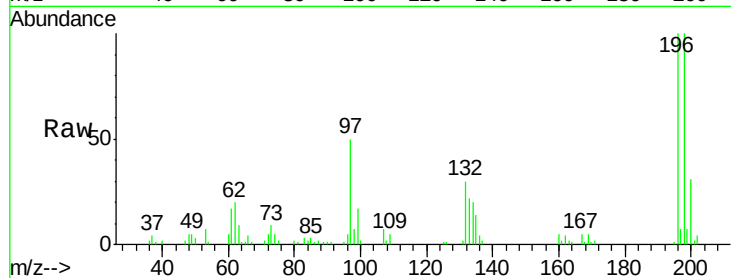




#43
 2,4,5-Trichlorophenol
 Concen: 40.68 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

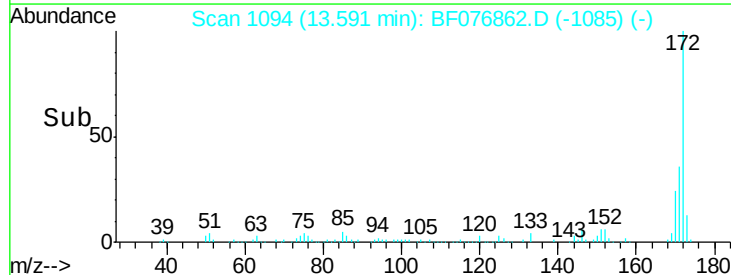
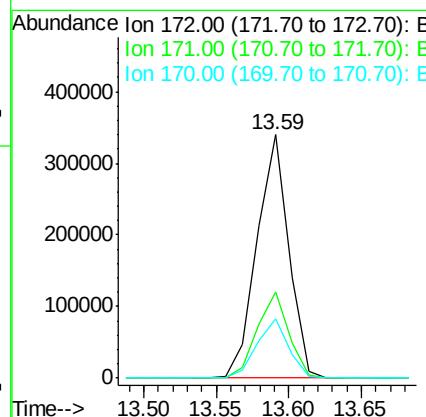
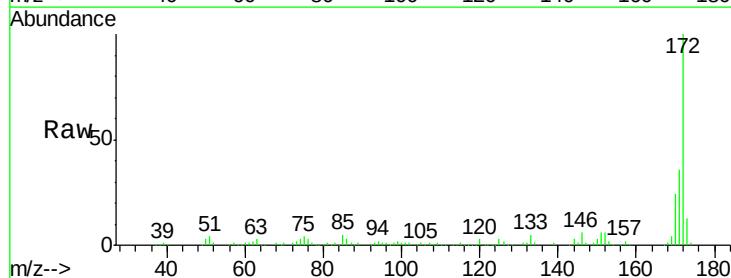
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

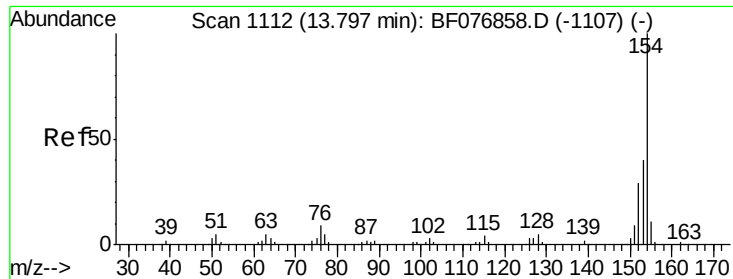
Tot Ion:196	Resp:	74206
Ion Ratio	Lower	Upper
196 100		
198 99.7	76.6	115.0
97 50.1	43.4	65.0
132 30.3	23.7	35.5



#44
 2-Fluorobiphenyl
 Concen: 79.23 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion	172	Resp:	516926
	Ratio	Lower	Upper
172	100		
171	35.5	26.6	40.0
170	24.4	18.0	27.0

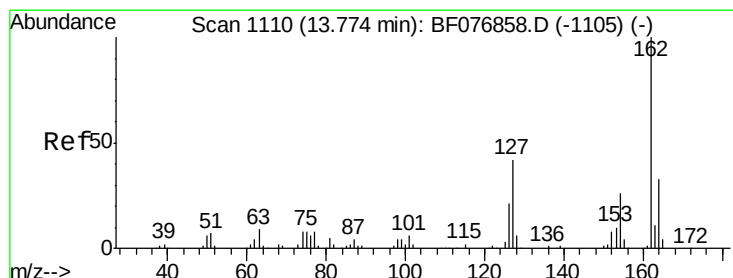
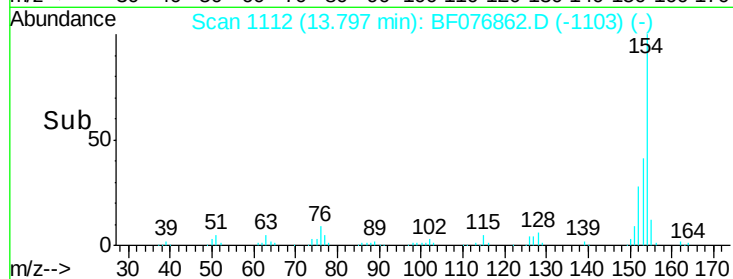
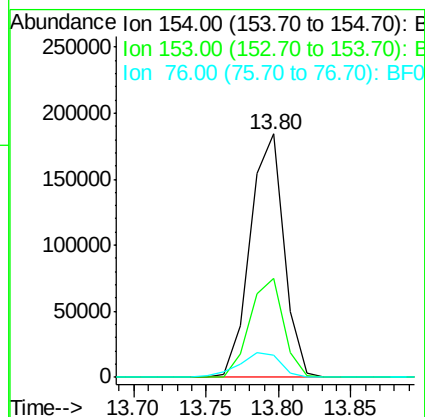
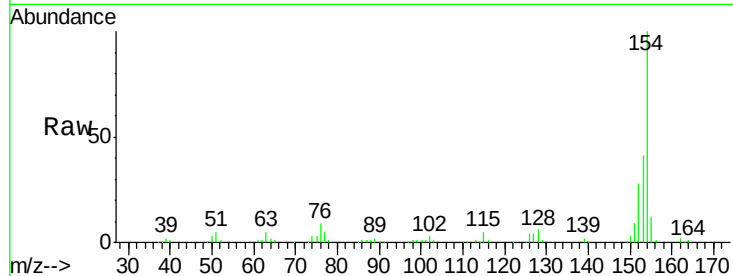




#45
 1,1'-Biphenyl
 Concen: 40.33 ng
 RT: 13.80 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

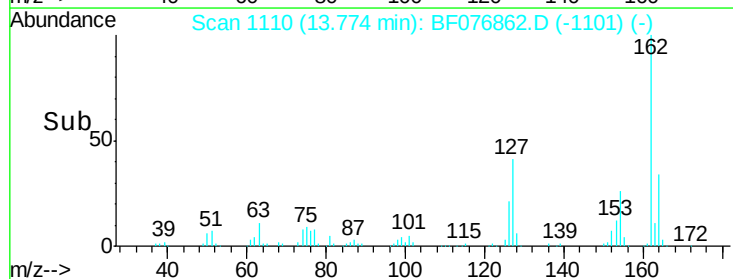
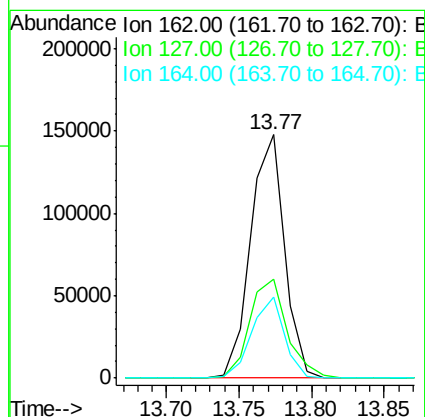
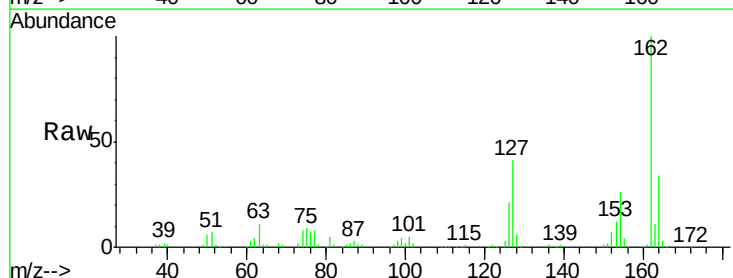
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

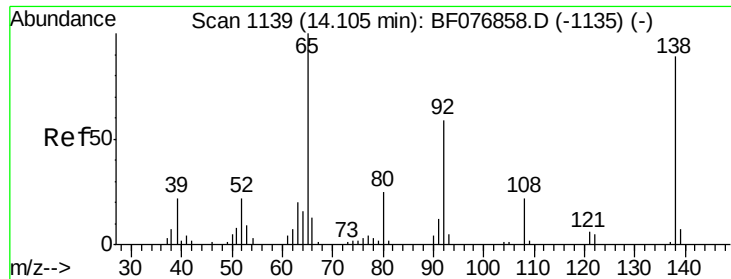
Tot Ion:154 Resp: 296871
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.2 60.2
 76 9.4 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 39.49 ng
 RT: 13.77 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion:162 Resp: 239218
 Ion Ratio Lower Upper
 162 100
 127 40.8 33.8 50.6
 164 33.5 26.8 40.2

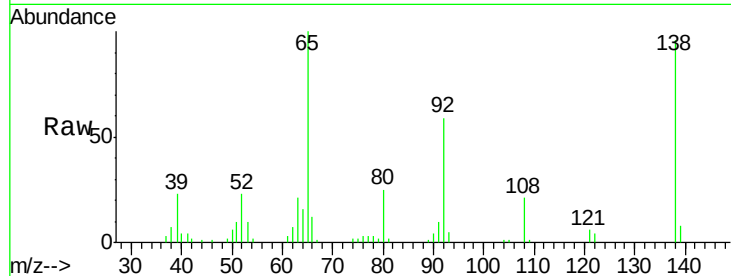




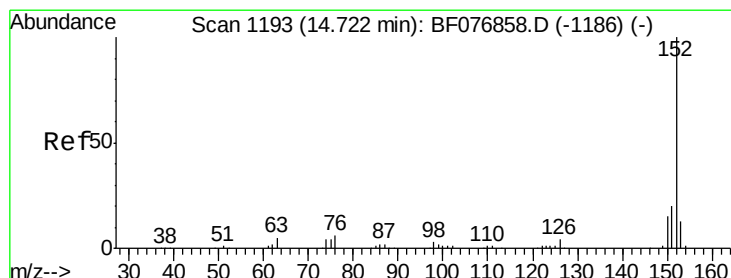
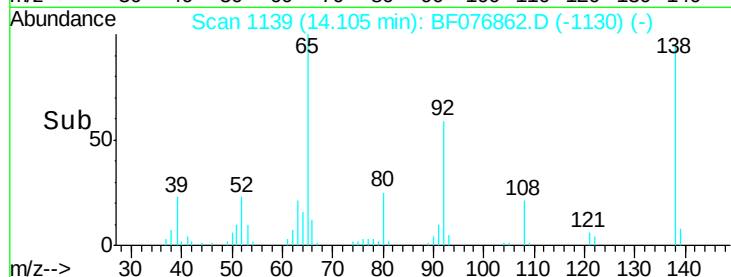
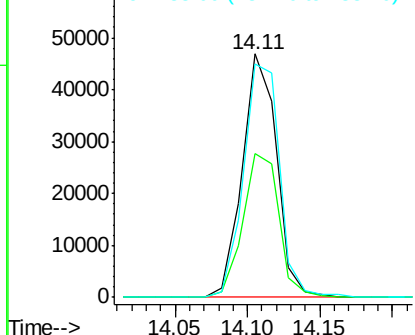
#47
2-Nitroaniline
Concen: 41.81 ng
RT: 14.11 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011415

Tot Ion: 65 Resp: 76819
Ion Ratio Lower Upper
65 100
92 59.1 47.3 70.9
138 95.6 71.4 107.2

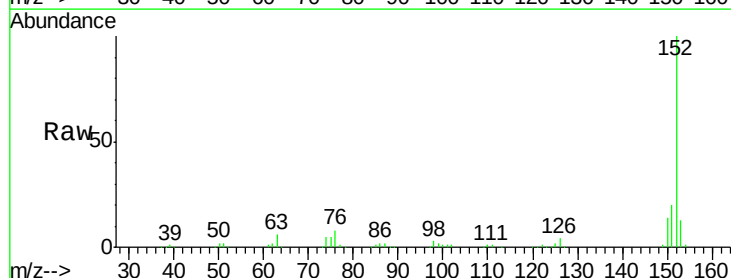


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

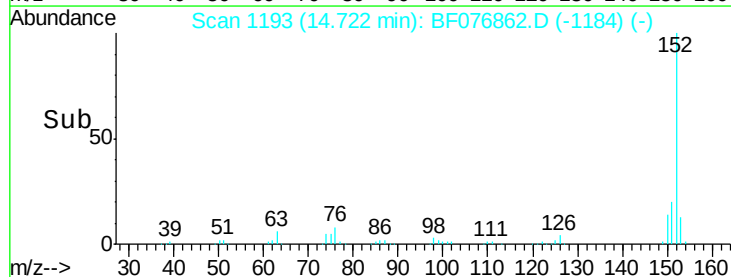
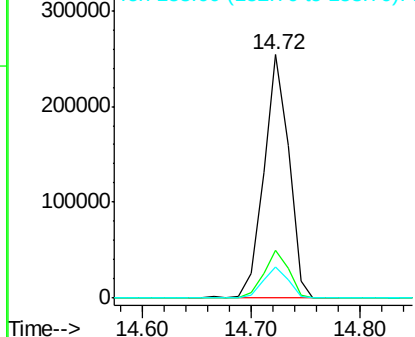


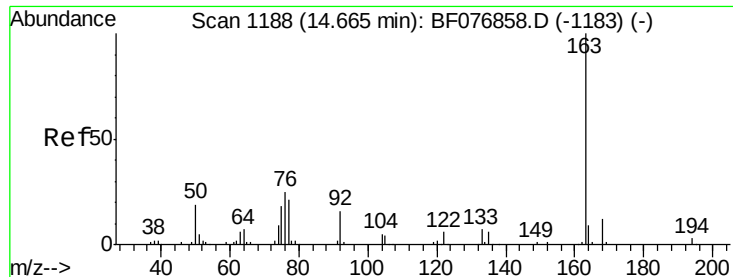
#48
Acenaphthylene
Concen: 39.94 ng
RT: 14.72 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion: 152 Resp: 408089
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 12.7 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: 39.98 ng

RT: 14.67 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

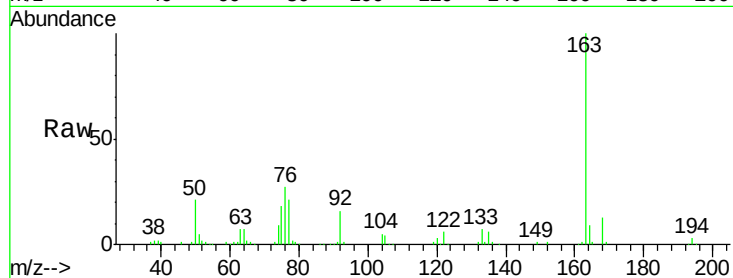
Tot Ion:163 Resp: 281532

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

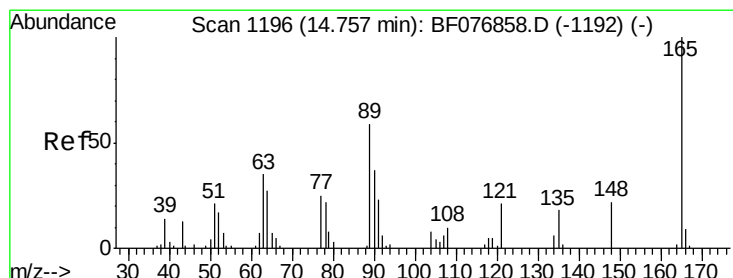
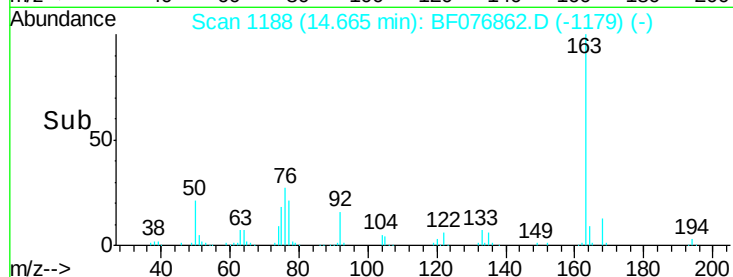
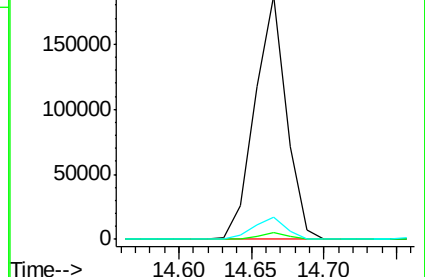
164 9.3 7.5 11.3



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: 42.31 ng

RT: 14.76 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

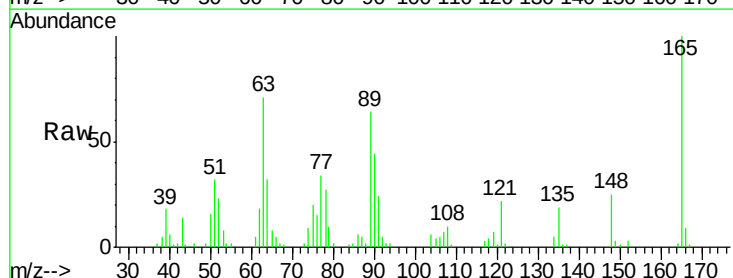
Tgt Ion:165 Resp: 59521

Ion Ratio Lower Upper

165 100

63 71.4 48.1 72.1

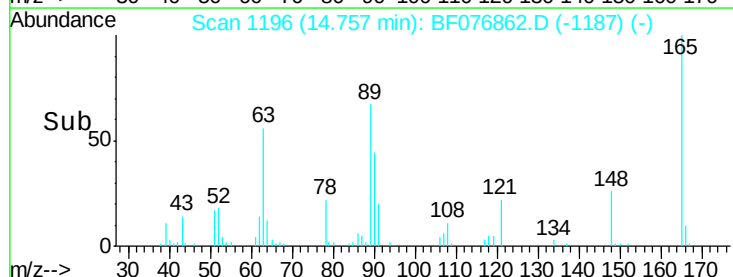
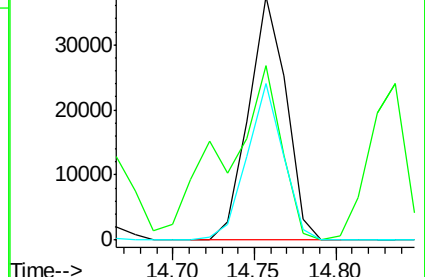
89 64.4 47.2 70.8

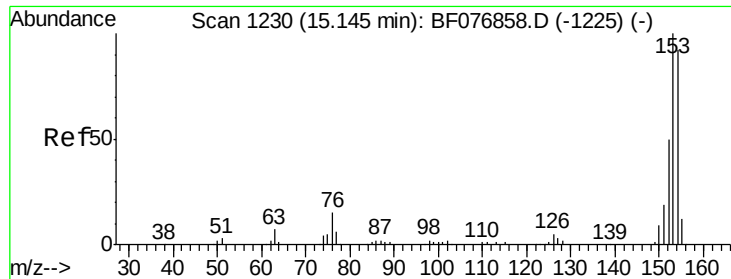


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.77 ng

RT: 15.15 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

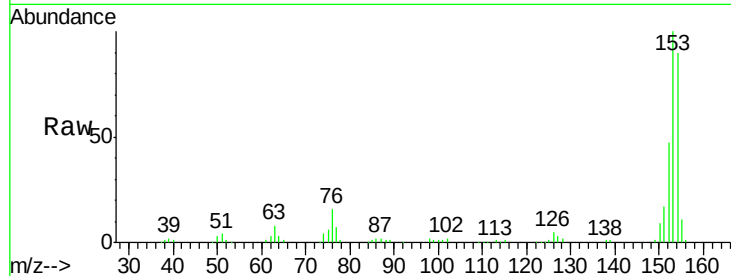
Tot Ion:154 Resp: 230541

Ion Ratio Lower Upper

154 100

153 110.9 87.0 130.6

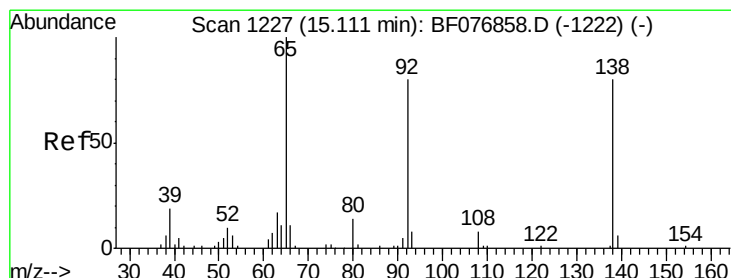
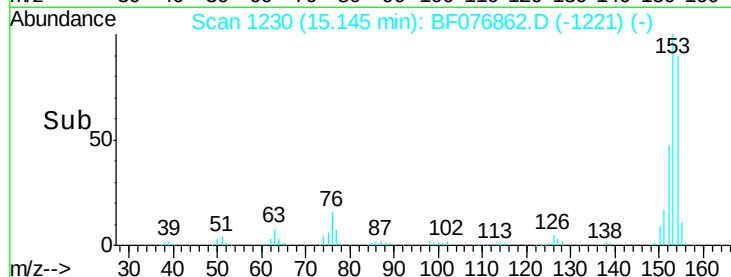
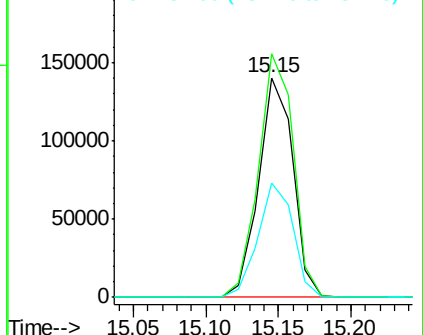
152 51.9 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.92 ng

RT: 15.11 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

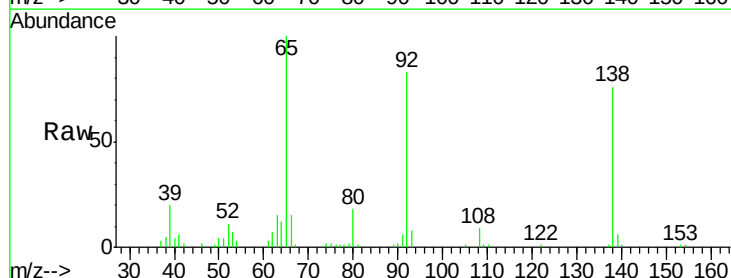
Tgt Ion:138 Resp: 70040

Ion Ratio Lower Upper

138 100

108 11.8 8.3 12.5

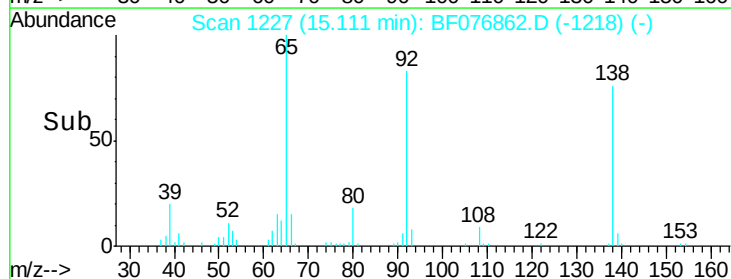
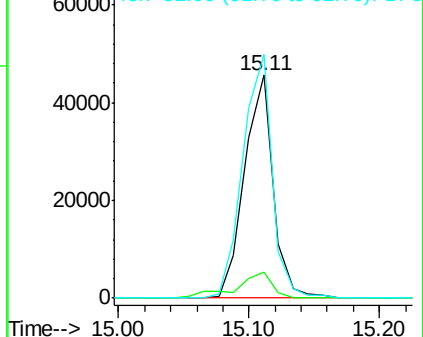
92 109.4 80.9 121.3

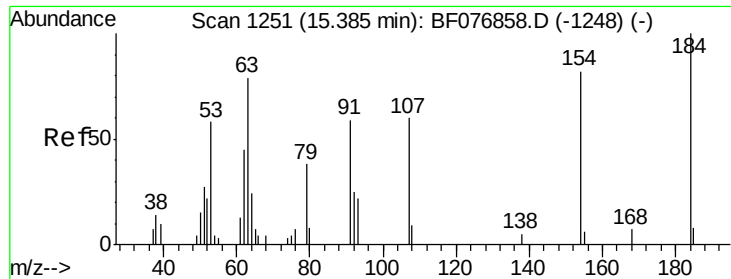


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

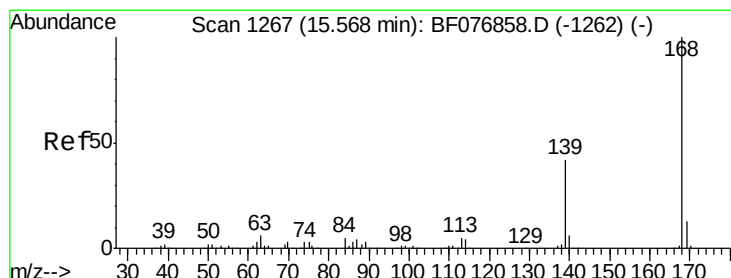
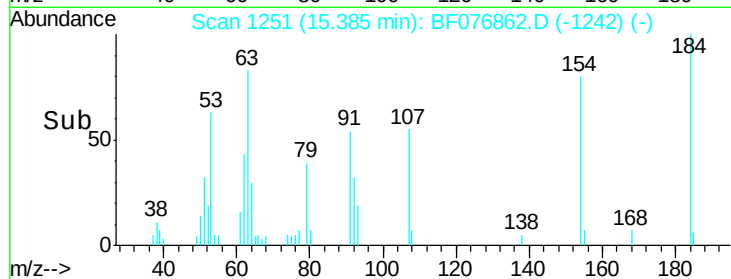
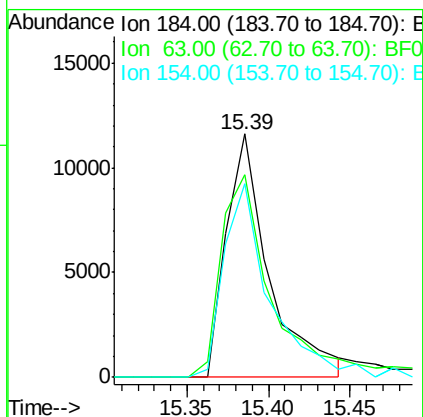
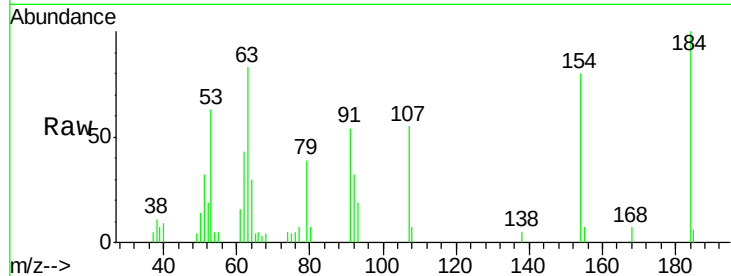




#53
 2,4-Dinitrophenol
 Concen: 34.68 ng
 RT: 15.39 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

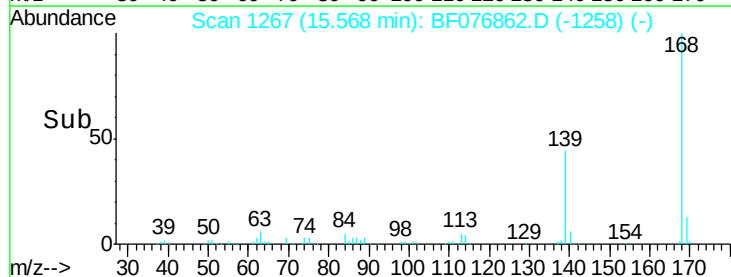
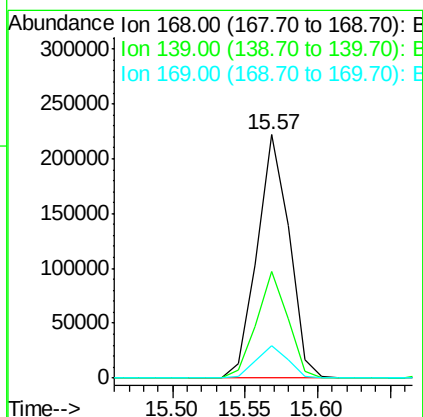
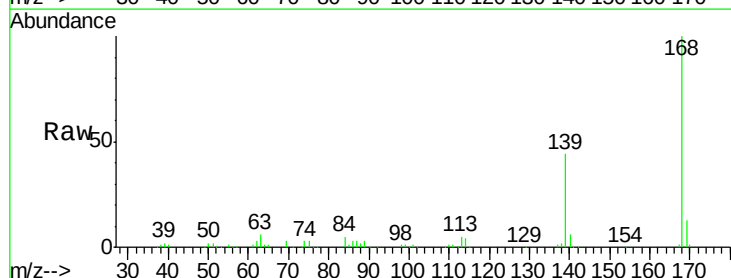
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

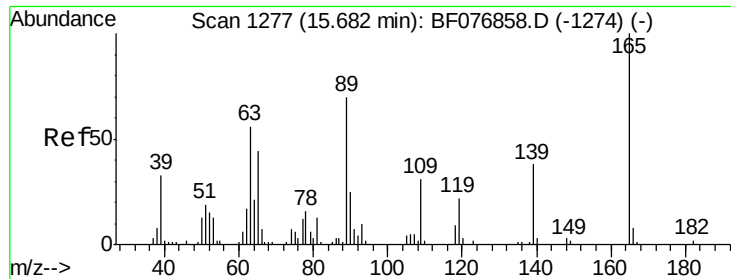
Tot Ion:184 Resp: 21201
 Ion Ratio Lower Upper
 184 100
 63 83.4 63.0 94.6
 154 79.7 65.5 98.3



#54
 Dibenzofuran
 Concen: 40.26 ng
 RT: 15.57 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion:168 Resp: 339971
 Ion Ratio Lower Upper
 168 100
 139 43.6 33.4 50.2
 169 13.2 10.6 15.8

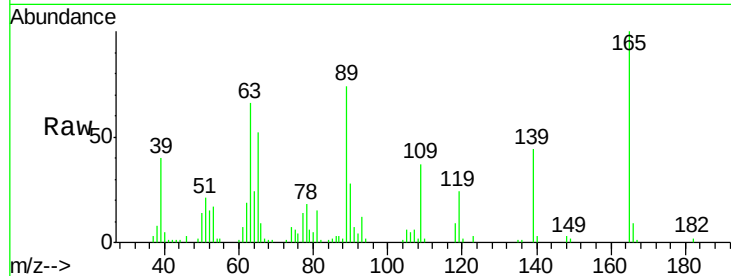




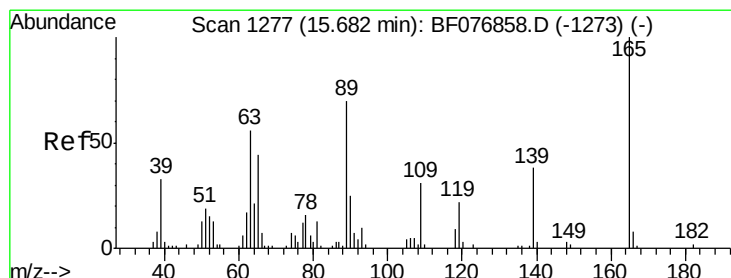
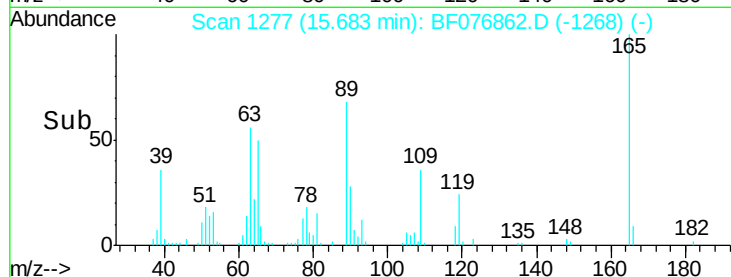
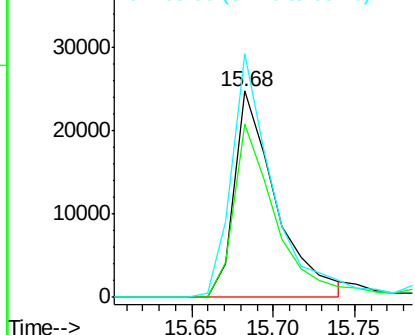
#55
4-Nitrophenol
Concen: 39.59 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011415

Tot Ion:139 Resp: 43695
Ion Ratio Lower Upper
139 100
109 84.1 61.0 101.0
65 118.2 96.6 136.6

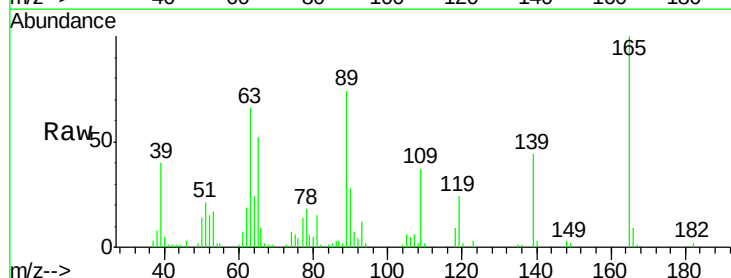


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

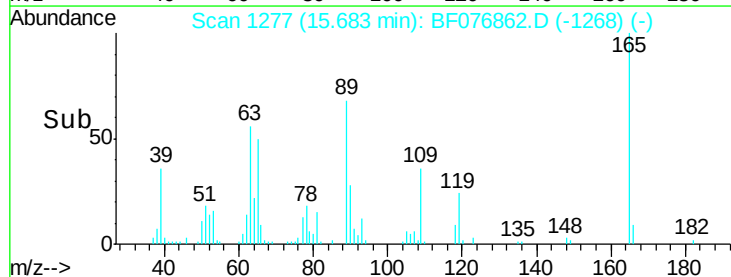
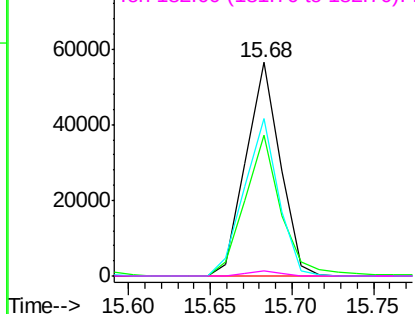


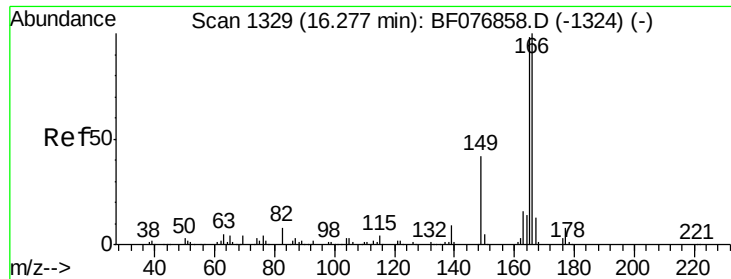
#56
2,4-Dinitrotoluene
Concen: 38.78 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion:165 Resp: 82282
Ion Ratio Lower Upper
165 100
63 65.9 44.8 67.2
89 73.7 56.2 84.2
182 2.3 1.5 2.3#



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

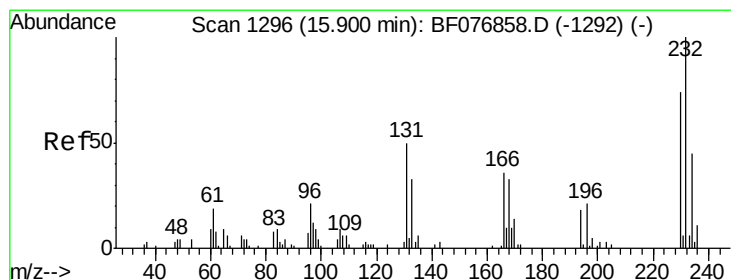
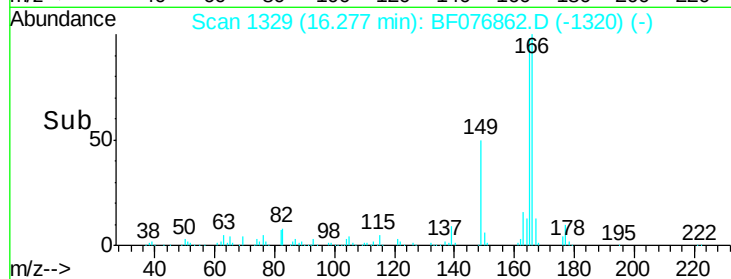
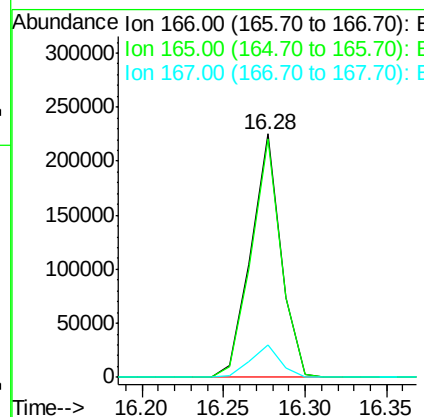
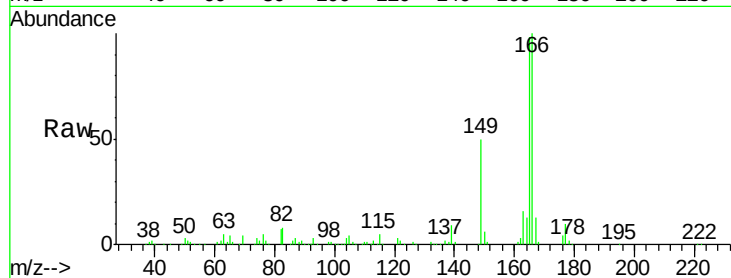




#57
 Fluorene
 Concen: 40.08 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

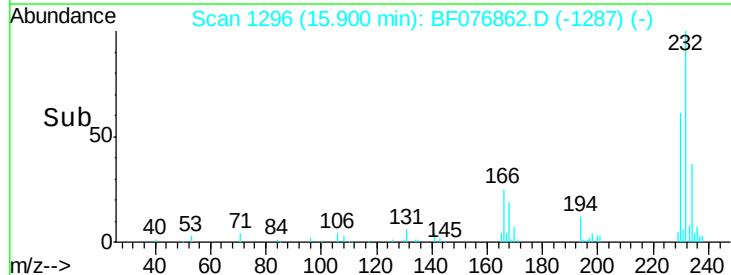
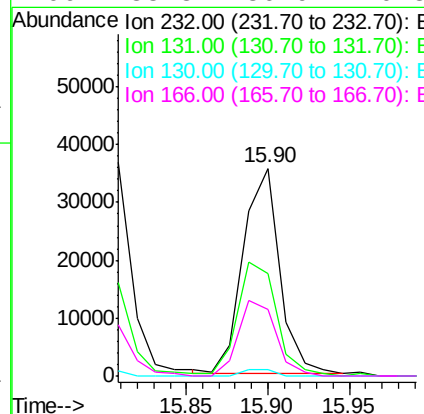
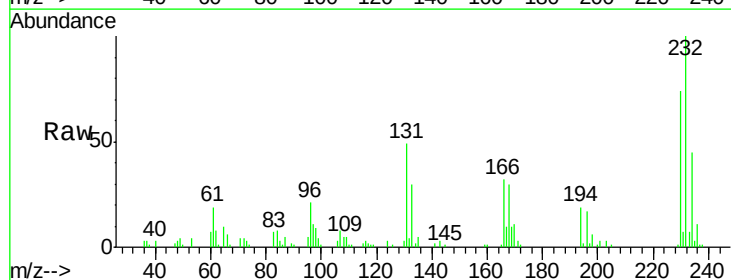
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

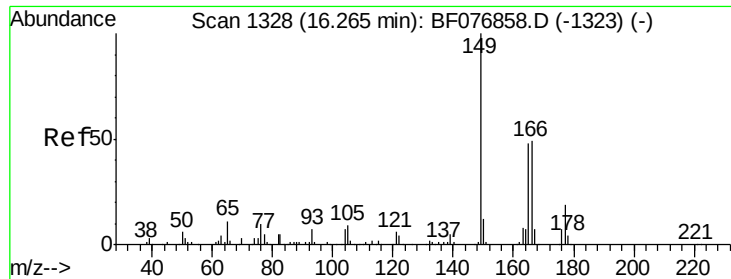
Tot Ion:166 Resp: 286740
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.5 117.7
 167 13.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.94 ng
 RT: 15.90 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion:232 Resp: 54371
 Ion Ratio Lower Upper
 232 100
 131 60.4 45.0 67.6
 130 2.7 2.6 3.8
 166 38.3 30.9 46.3

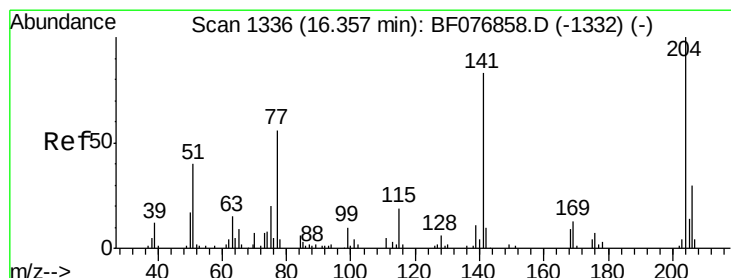
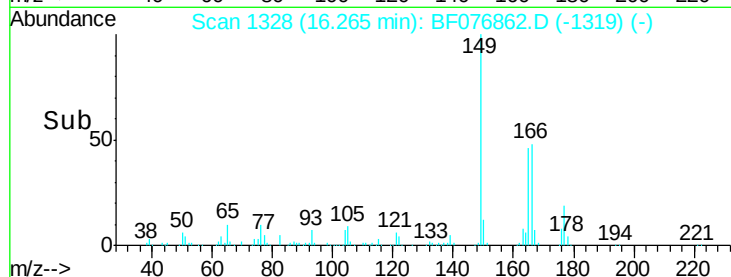
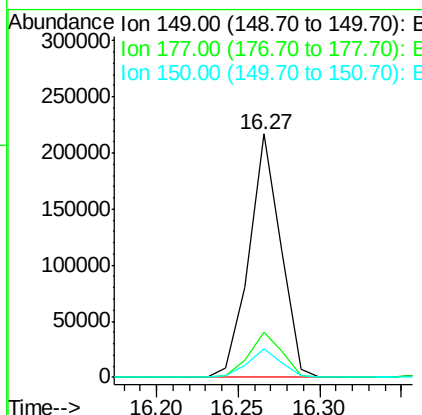
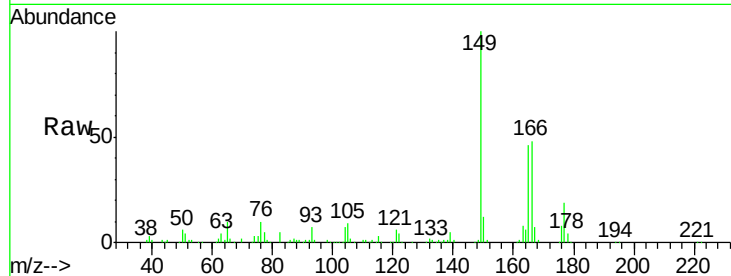




#59
Diethylphthalate
Concen: 40.97 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

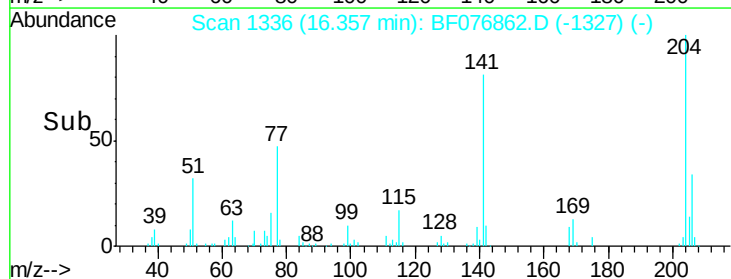
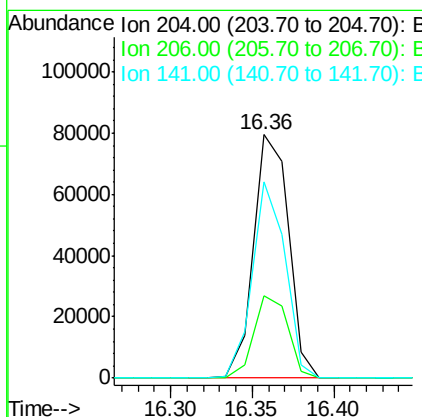
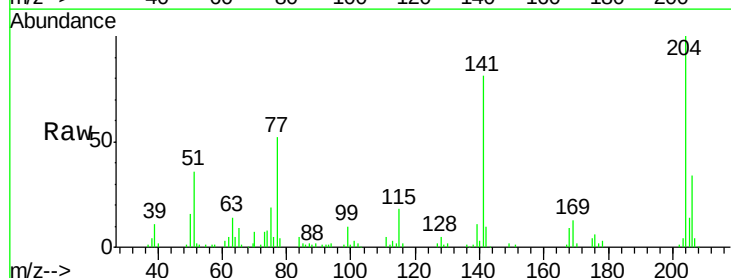
Instrument :
BNA_F
ClientSampleId :
ICVBF011415

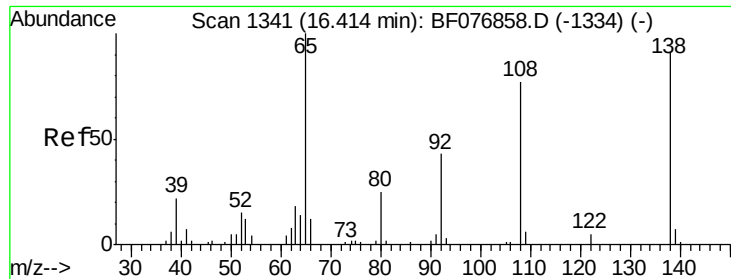
Tot Ion:149 Resp: 291572
Ion Ratio Lower Upper
149 100
177 18.5 15.0 22.6
150 11.8 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 40.65 ng
RT: 16.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion:204 Resp: 118984
Ion Ratio Lower Upper
204 100
206 33.7 24.2 36.2
141 80.7 66.7 100.1

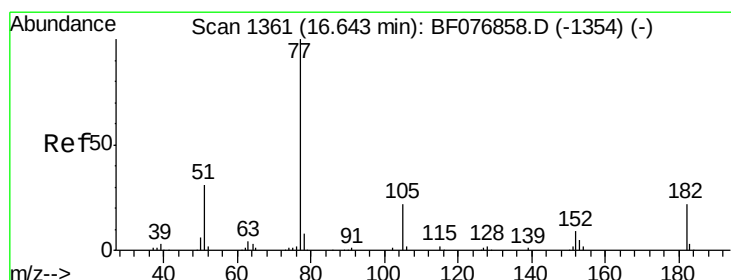
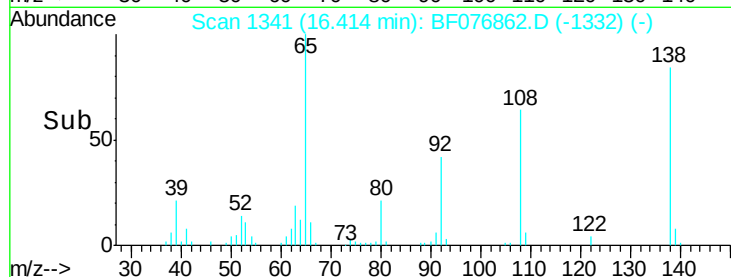
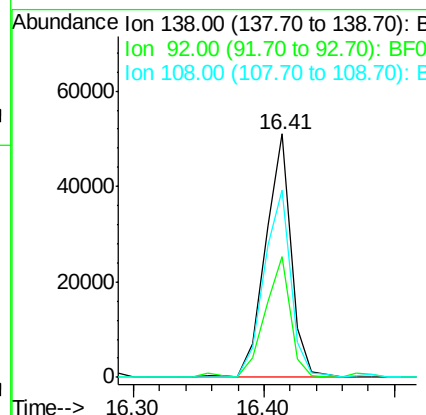
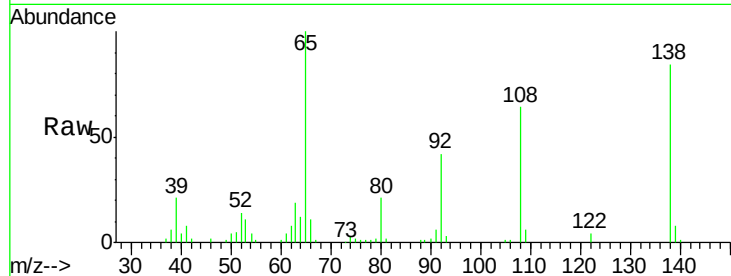




#61
4-Nitroaniline
Concen: 39.53 ng
RT: 16.41 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

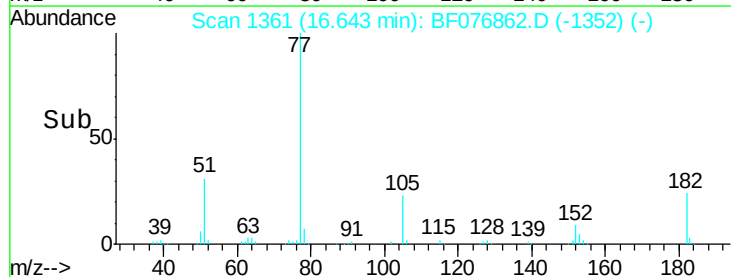
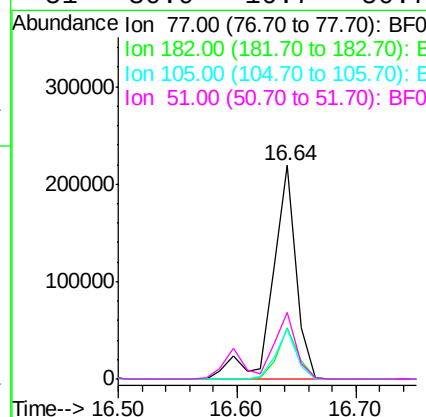
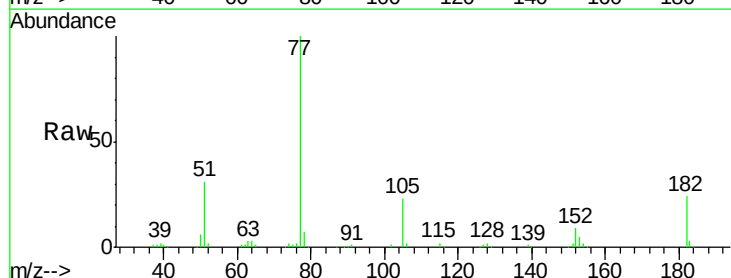
Instrument :
BNA_F
ClientSampleId :
ICVBF011415

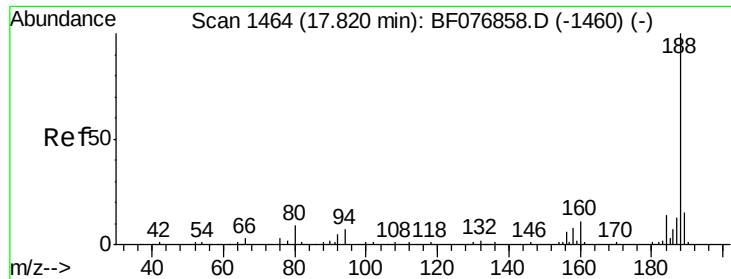
Tot Ion:138 Resp: 70381
Ion Ratio Lower Upper
138 100
92 49.6 26.7 66.7
108 76.9 64.5 104.5



#62
Azobenzene
Concen: 40.60 ng
RT: 16.64 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion: 77 Resp: 301012
Ion Ratio Lower Upper
77 100
182 24.1 2.0 42.0
105 23.5 2.3 42.3
51 30.9 10.7 50.7

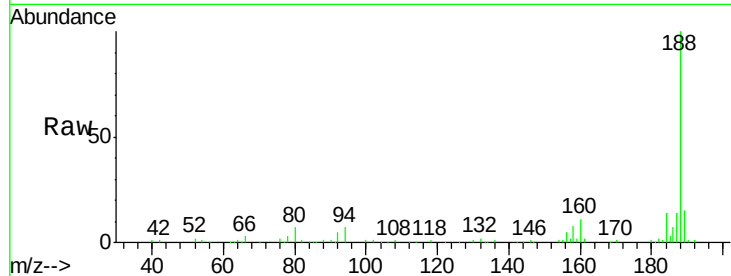




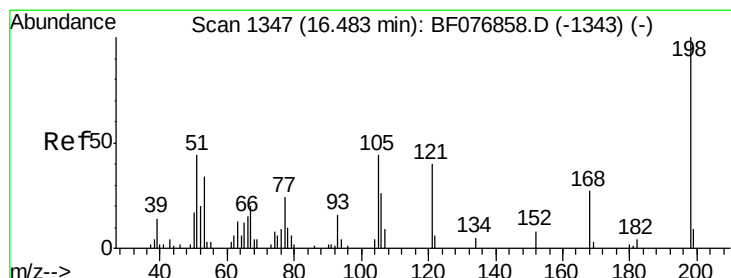
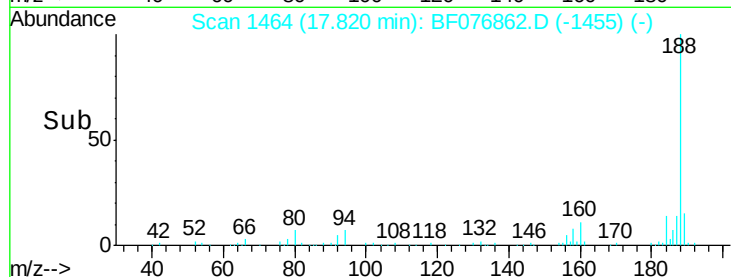
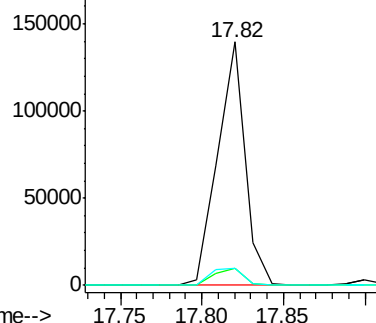
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

Tot Ion:188 Resp: 162117
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.0 9.0
 80 7.2 6.9 10.3

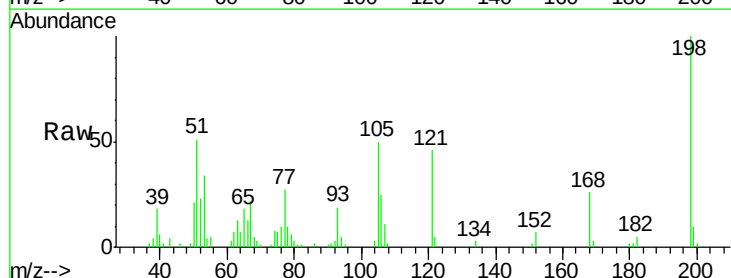


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

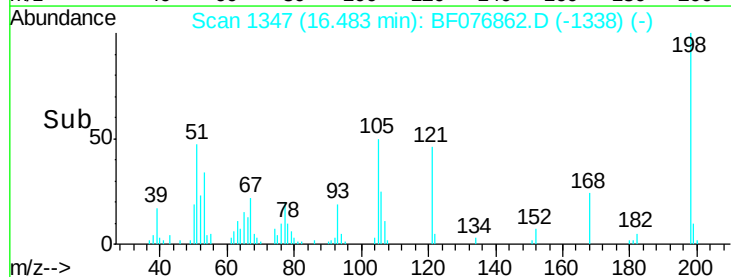
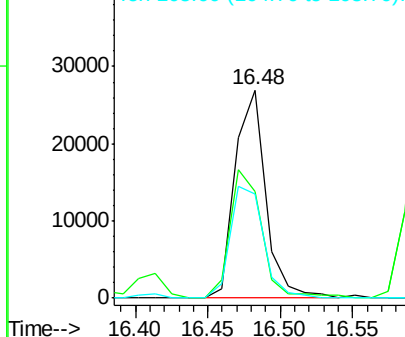


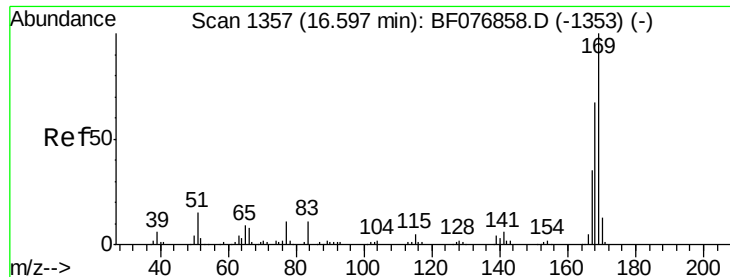
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.68 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion:198 Resp: 39642
 Ion Ratio Lower Upper
 198 100
 51 51.0 24.2 64.2
 105 50.0 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

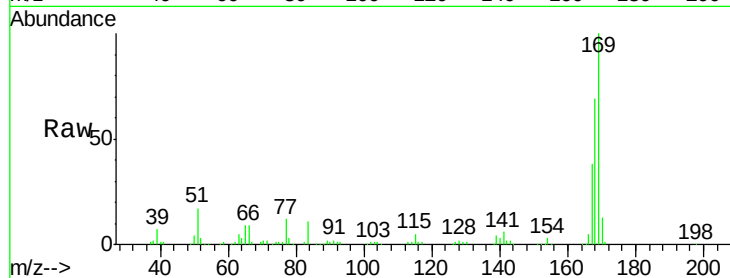




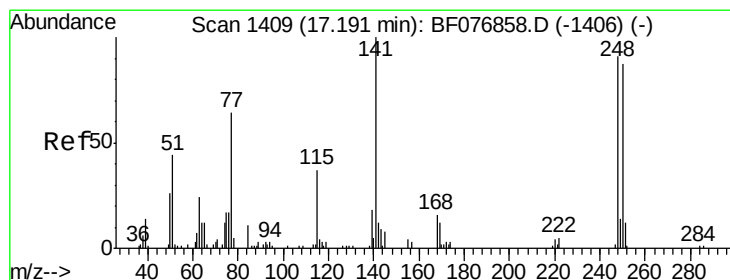
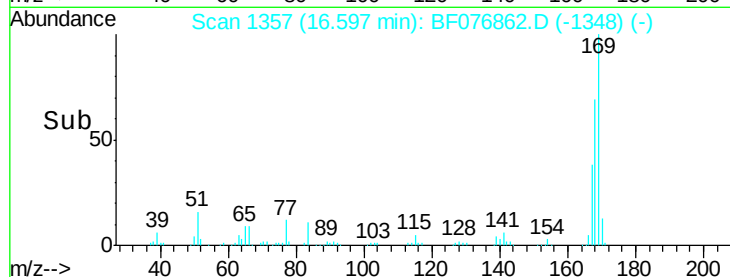
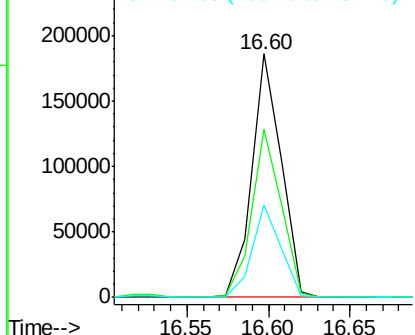
#65
 n-Nitrosodiphenylamine
 Concen: 40.22 ng
 RT: 16.60 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.2	53.8	80.6
167	38.0	27.8	41.6

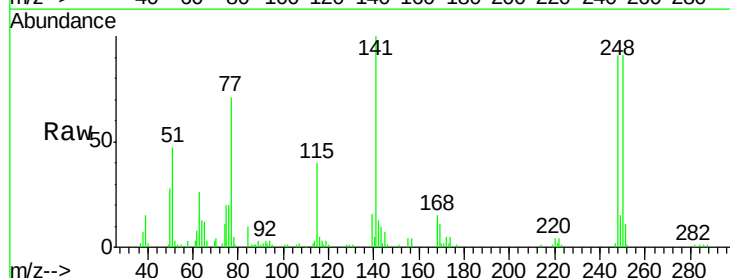


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

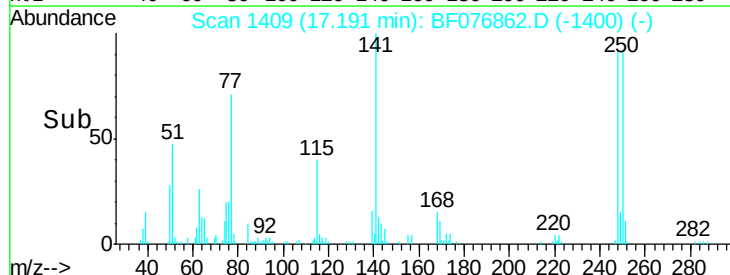
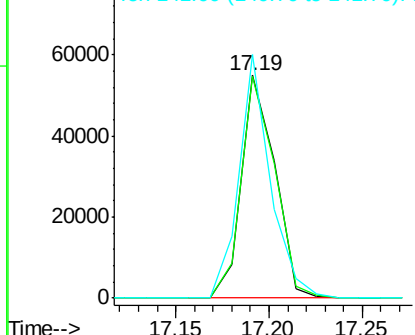


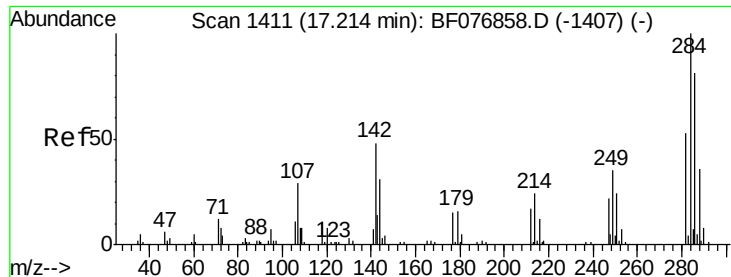
#66
 4-Bromophenyl-phenylether
 Concen: 41.74 ng
 RT: 17.19 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.4	77.1	115.7
141	109.3	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: 41.10 ng

RT: 17.21 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

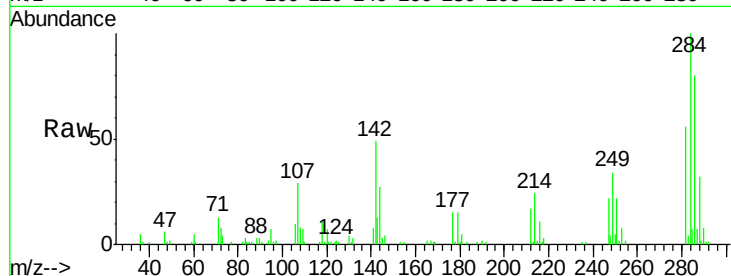
Tot Ion:284 Resp: 71131

Ion Ratio Lower Upper

284 100

142 49.2 38.2 57.4

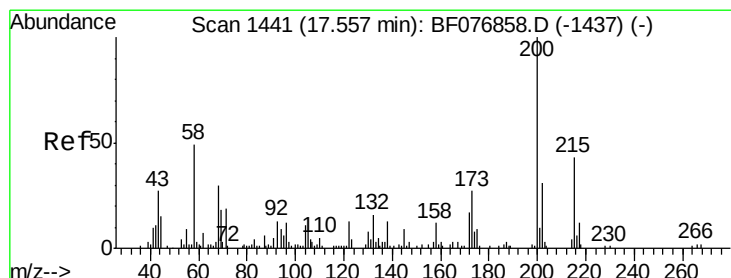
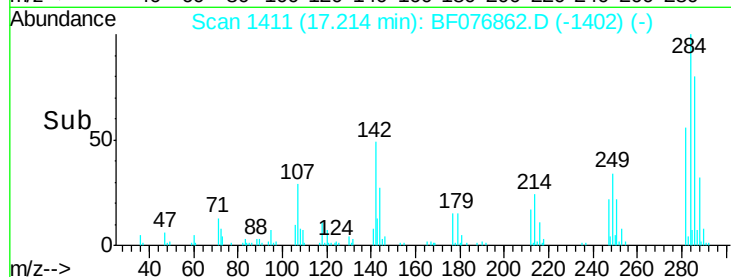
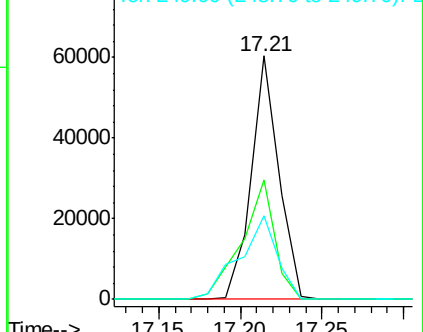
249 34.4 28.2 42.2



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: 42.06 ng

RT: 17.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

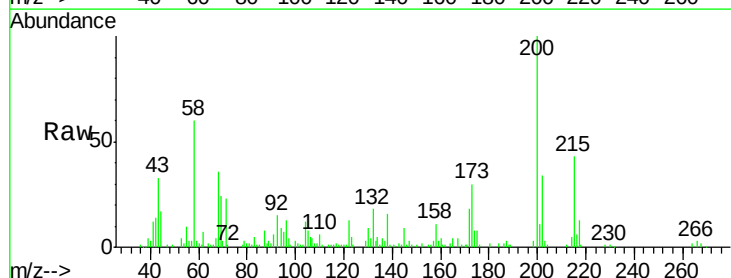
Tgt Ion:200 Resp: 73779

Ion Ratio Lower Upper

200 100

173 29.9 6.6 46.6

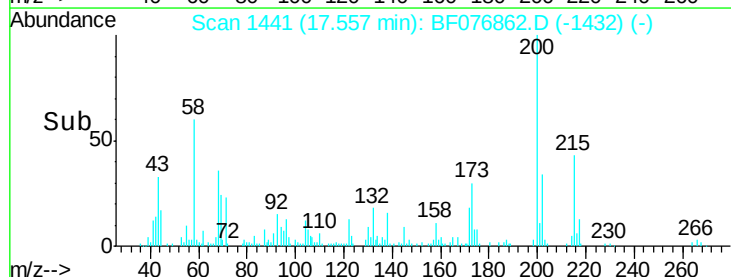
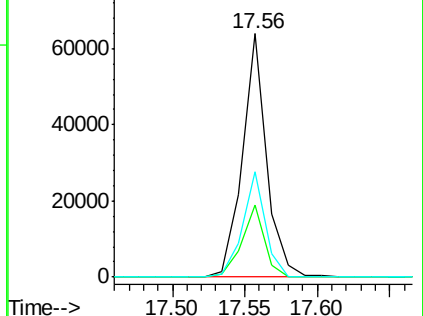
215 43.1 22.9 62.9

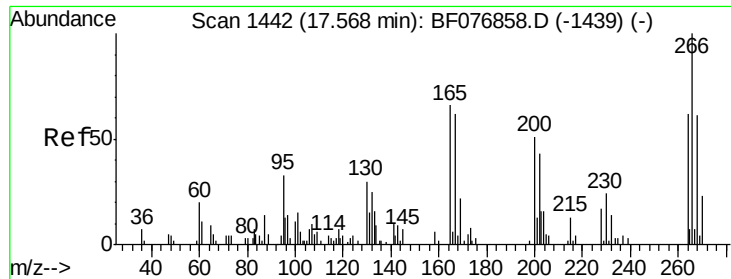


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

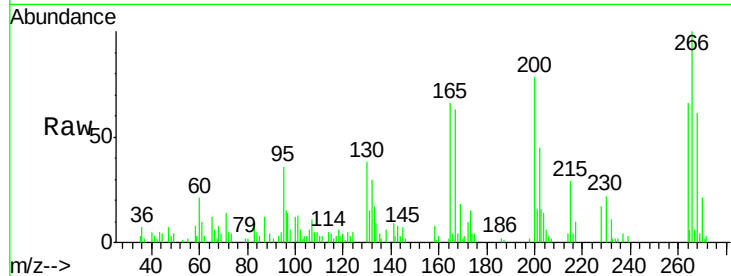




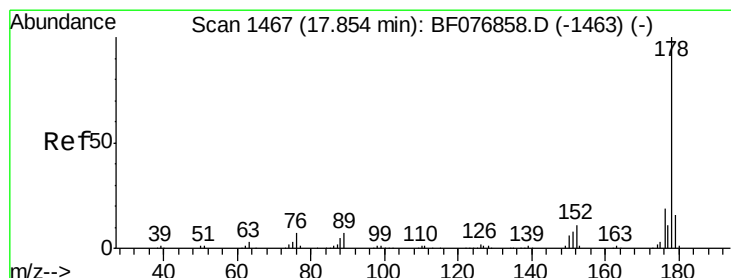
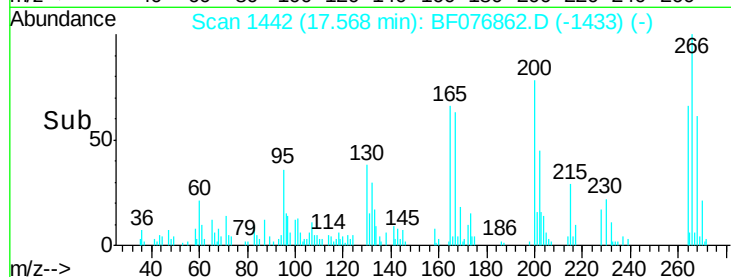
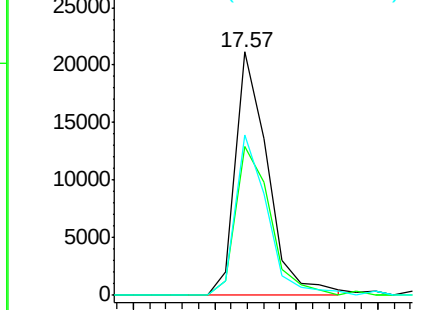
#69
 Pentachlorophenol
 Concen: 38.06 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

Tot Ion:266 Resp: 28990
 Ion Ratio Lower Upper
 266 100
 268 61.3 48.6 72.8
 264 65.8 49.5 74.3

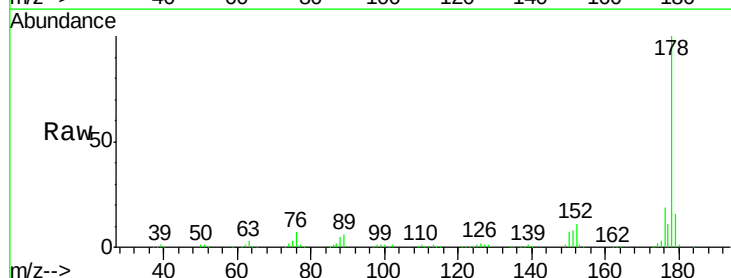


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

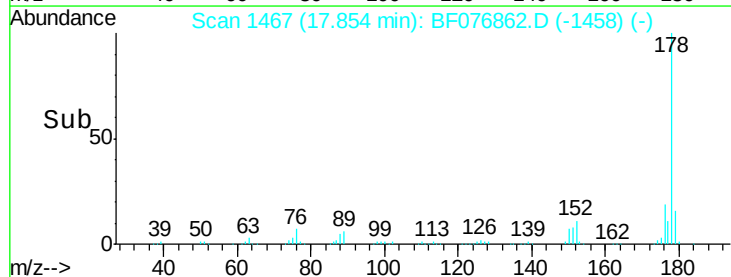
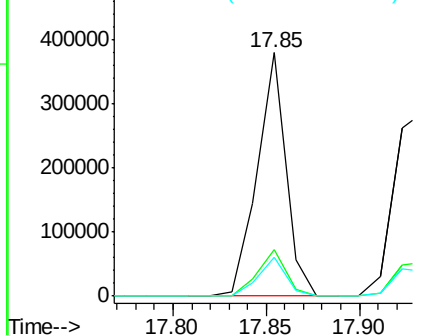


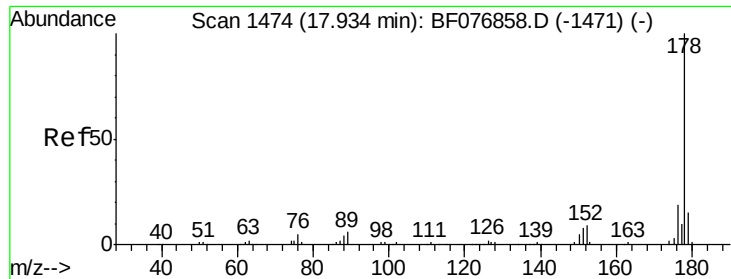
#70
 Phenanthrene
 Concen: 39.91 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion:178 Resp: 403466
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.8 12.7 19.1



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

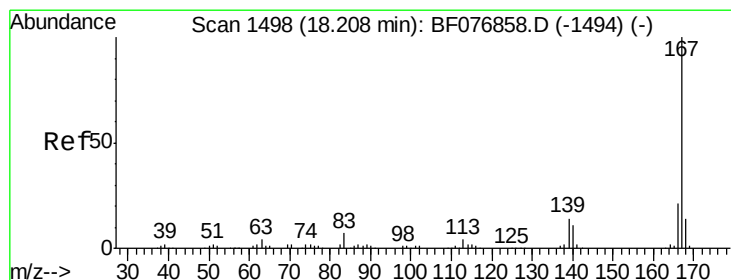
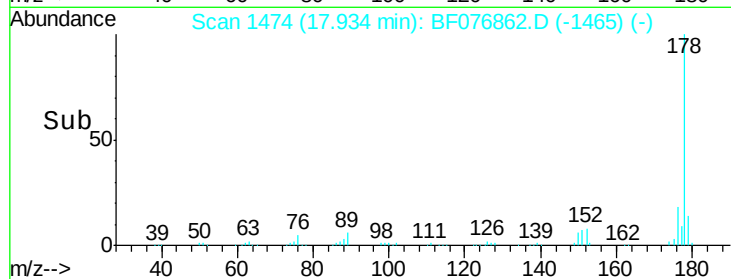
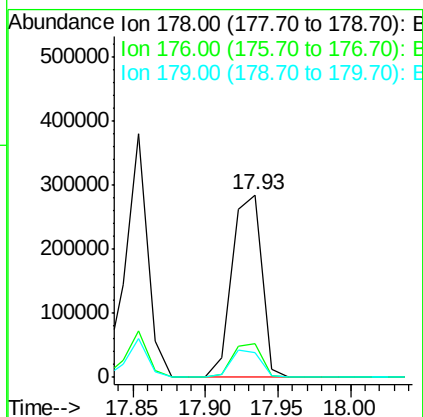
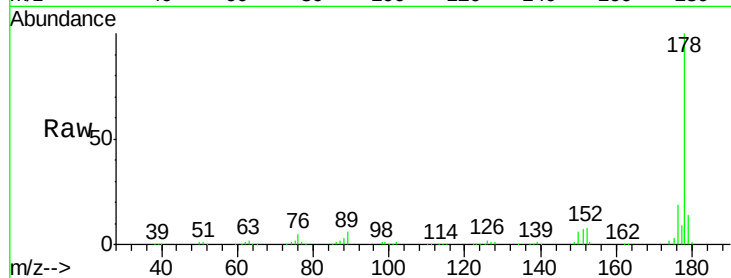




#71
 Anthracene
 Concen: 41.35 ng
 RT: 17.93 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

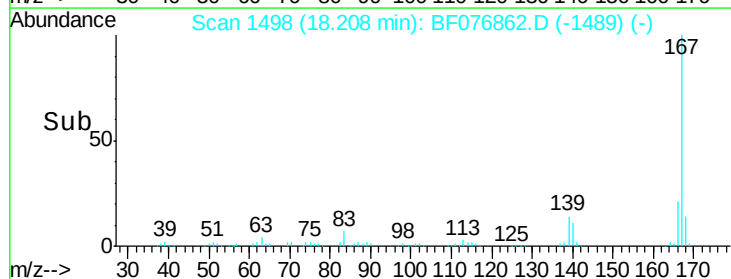
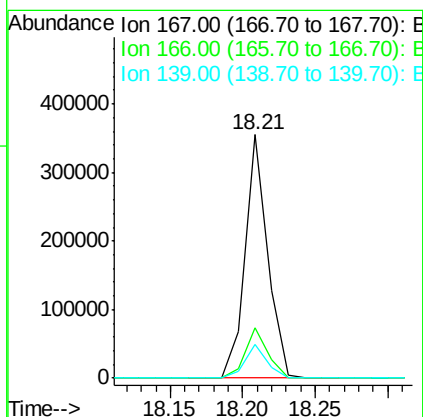
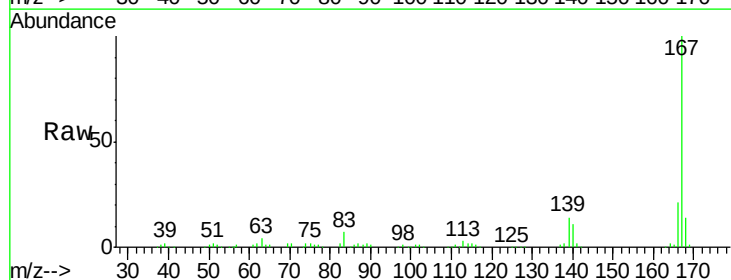
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

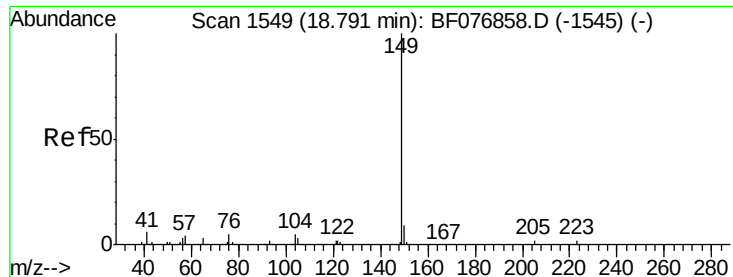
Tot Ion:178 Resp: 407611
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.0
 179 13.8 11.9 17.9



#72
 Carbazole
 Concen: 40.09 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion:167 Resp: 383356
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.0 25.6
 139 14.1 11.3 16.9





#73

Di-n-butylphthalate

Concen: 42.41 ng

RT: 18.79 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

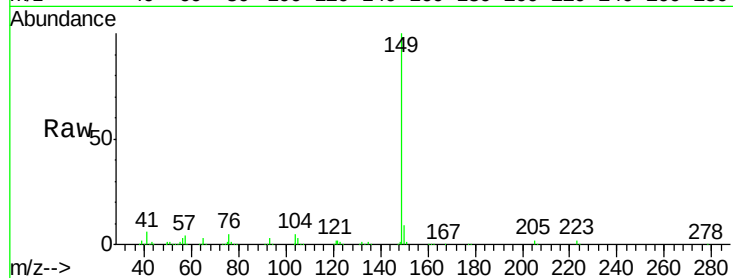
Tot Ion:149 Resp: 469406

Ion Ratio Lower Upper

149 100

150 9.0 6.9 10.3

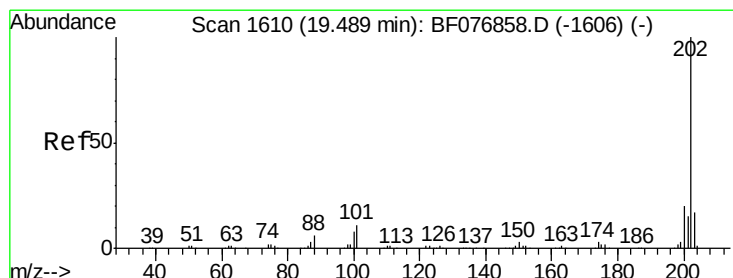
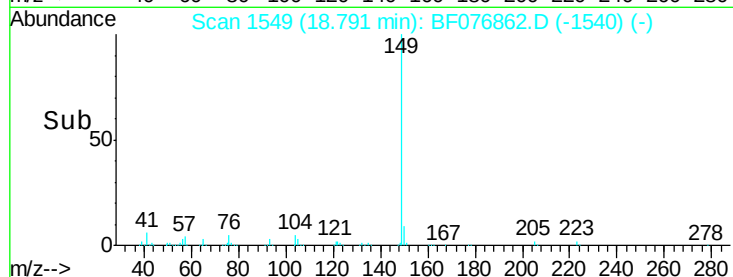
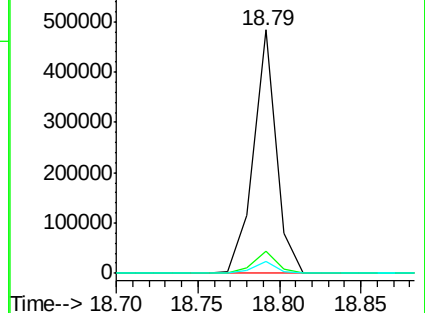
104 4.9 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.03 ng

RT: 19.49 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

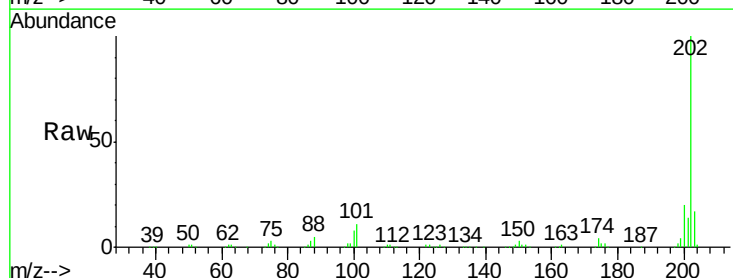
Tgt Ion:202 Resp: 414721

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.7

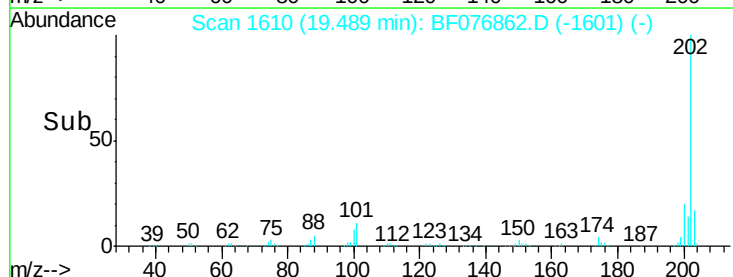
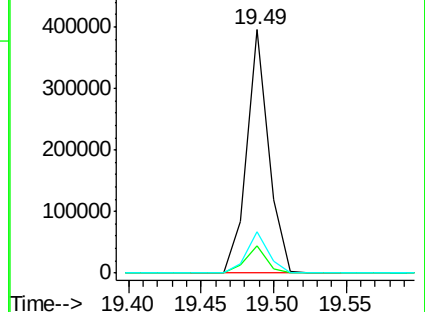
203 17.2 0.0 36.9

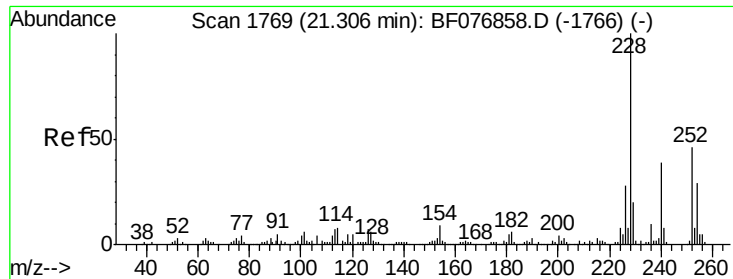


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

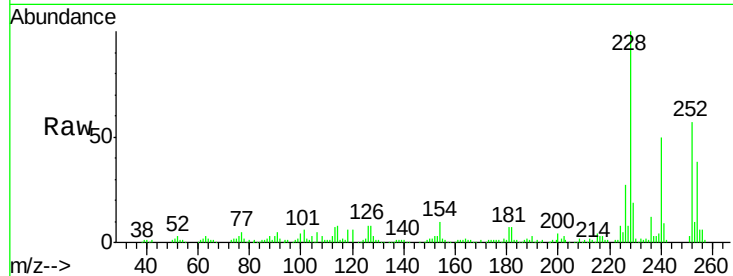
Tot Ion:240 Resp: 151341

Ion Ratio Lower Upper

240 100

120 13.1 10.4 15.6

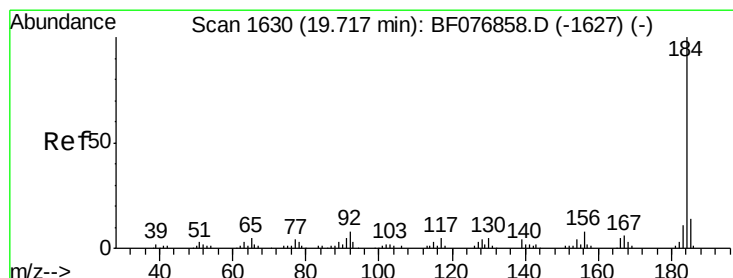
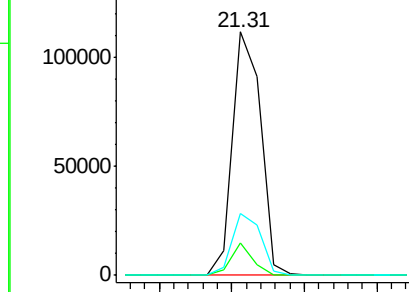
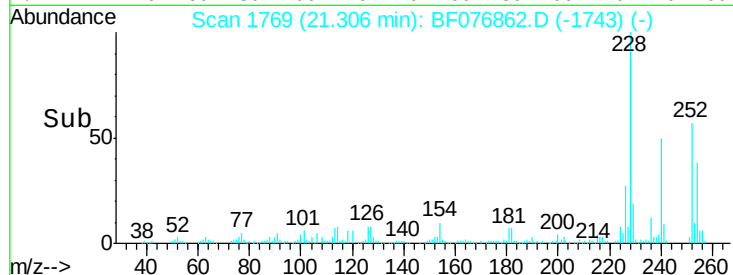
236 25.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.56 ng

RT: 19.72 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

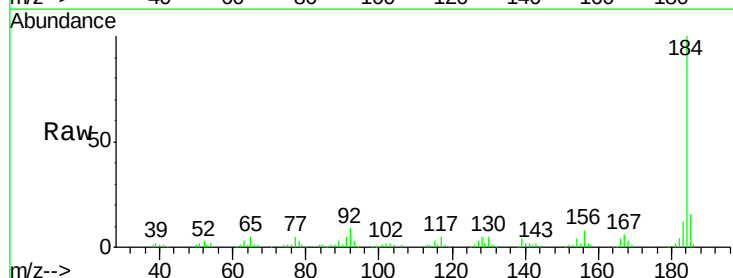
Tgt Ion:184 Resp: 220651

Ion Ratio Lower Upper

184 100

185 16.2 11.4 17.2

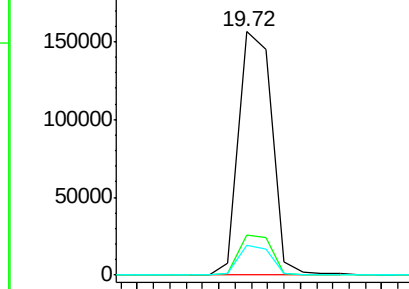
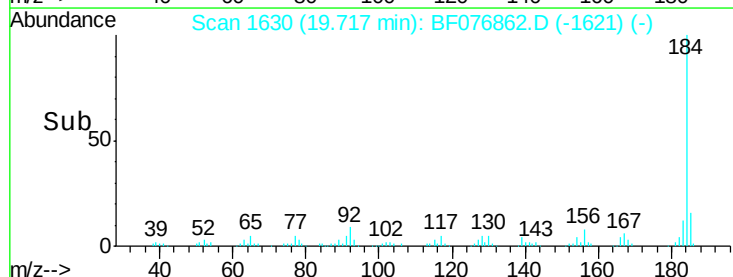
183 12.1 9.0 13.6

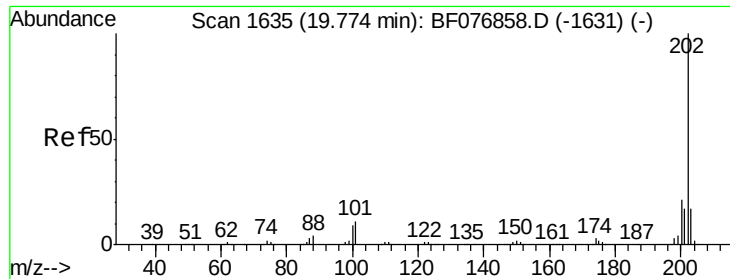


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

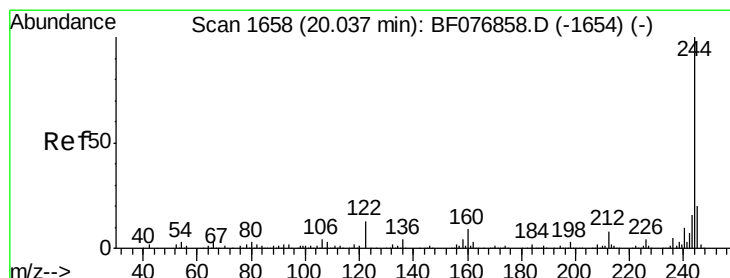
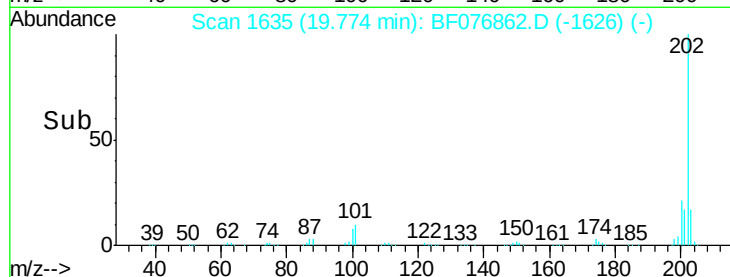
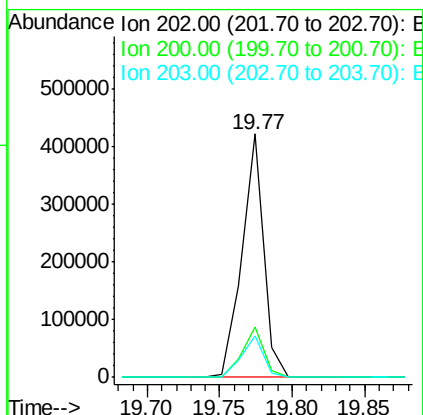
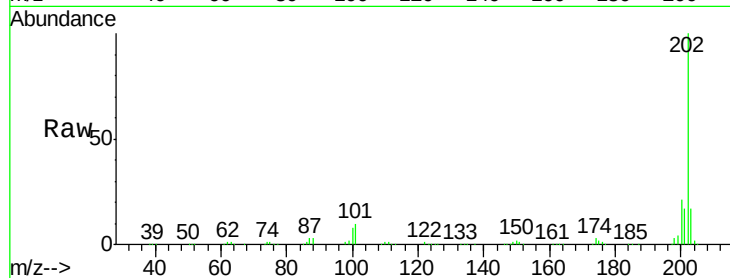




#77
 Pvrene
 Concen: 42.47 ng
 RT: 19.77 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

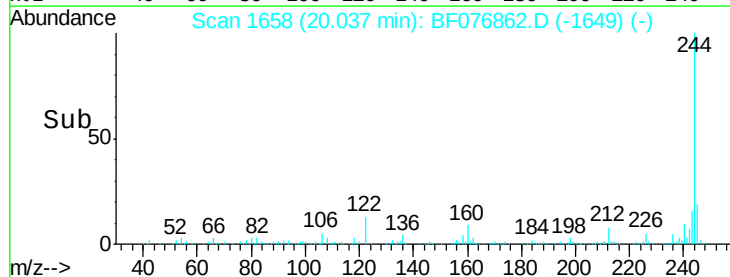
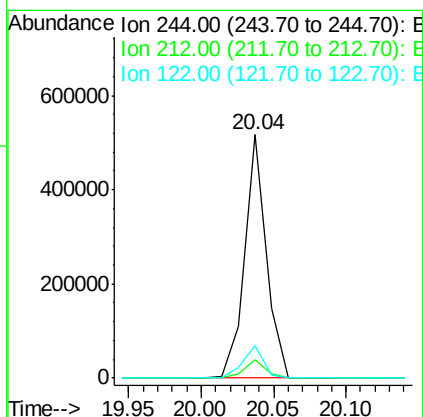
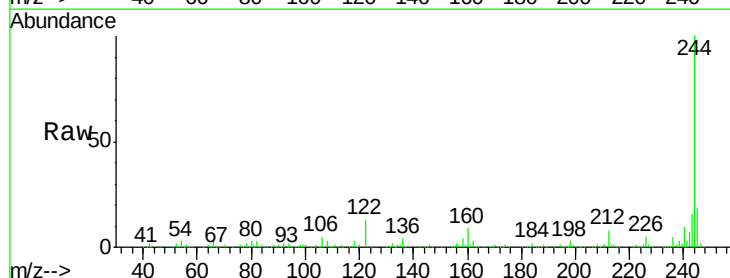
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

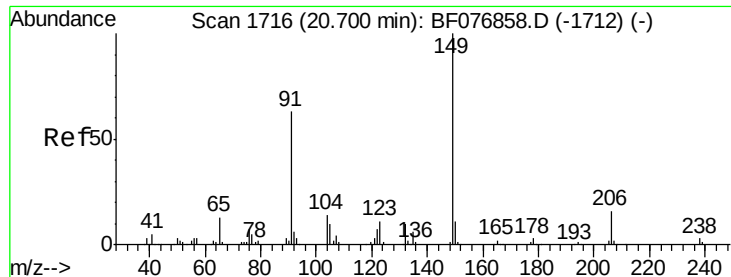
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.2	14.0	21.0



#78
 Terphenyl-d14
 Concen: 81.17 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	13.3	10.1	15.1





#79

Butylbenzylphthalate

Concen: 43.93 ng

RT: 20.70 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

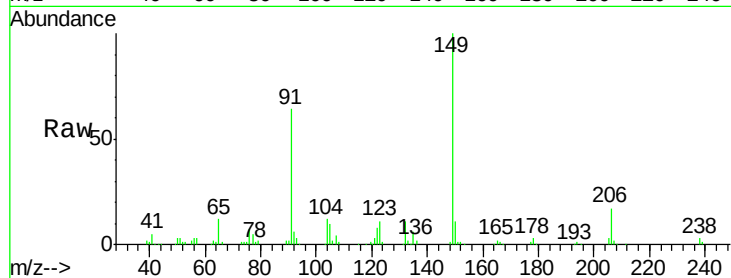
Tot Ion:149 Resp: 206365

Ion Ratio Lower Upper

149 100

91 64.3 50.6 76.0

206 17.0 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

20.70

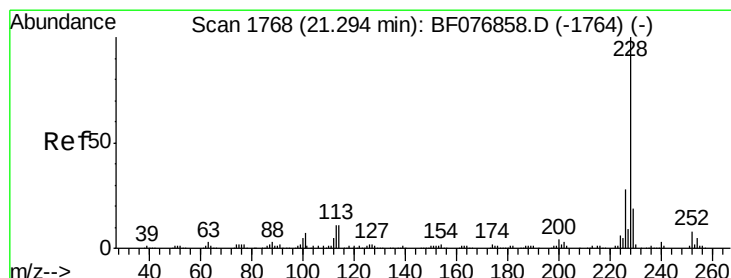
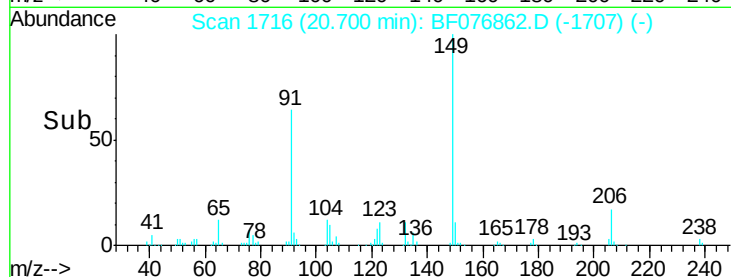
150000

100000

50000

0

Time-->



#80

Benzo(a)anthracene

Concen: 39.98 ng

RT: 21.29 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

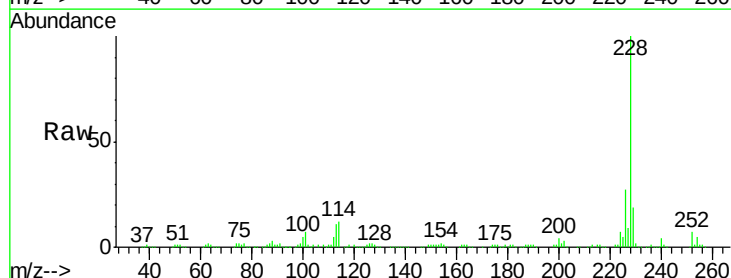
Tgt Ion:228 Resp: 379624

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

229 19.0 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.29

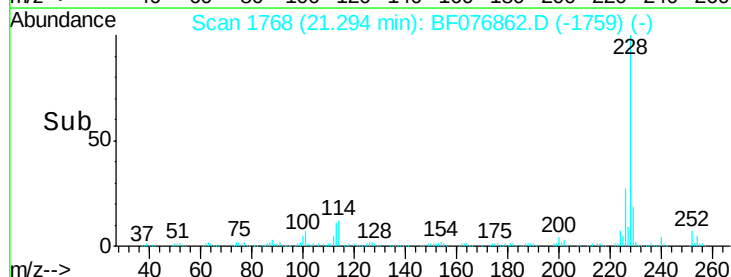
300000

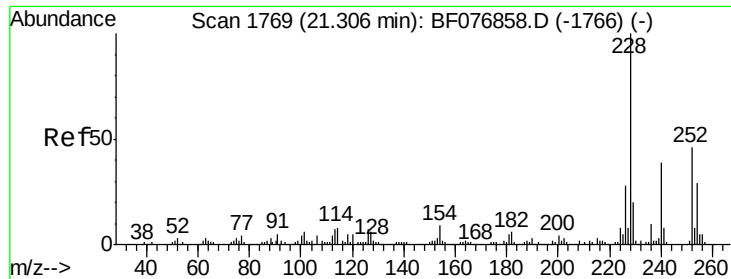
200000

100000

0

Time-->

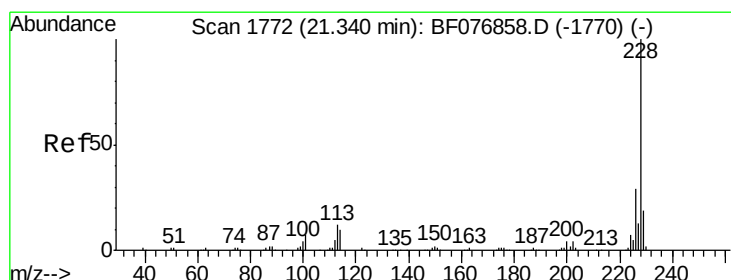
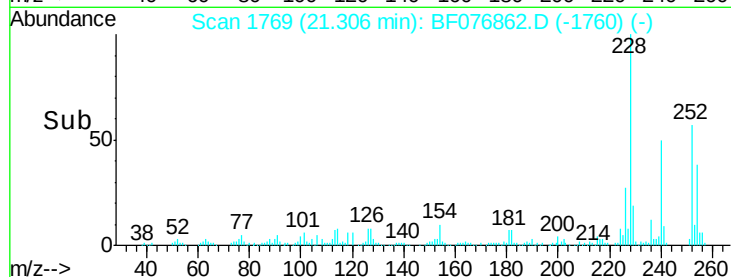
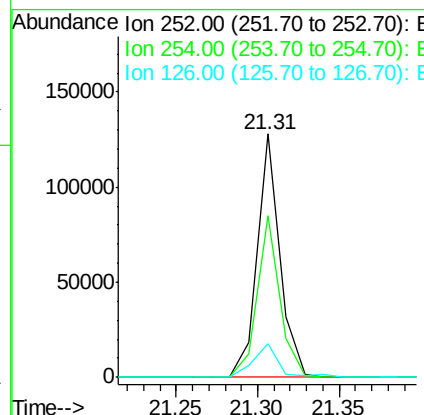
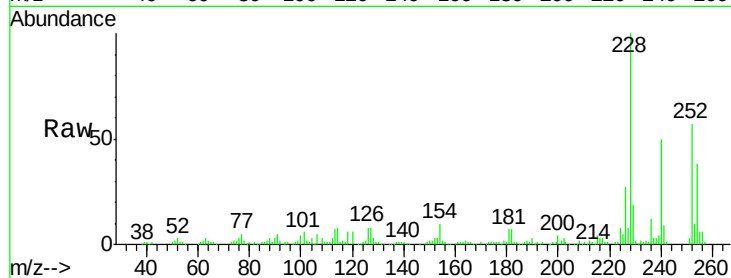




#81
 3,3'-Dichlorobenzidine
 Concen: 41.11 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

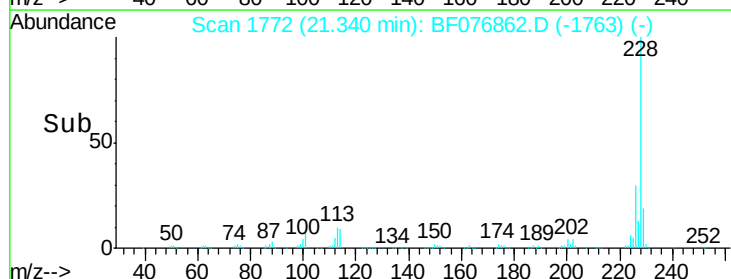
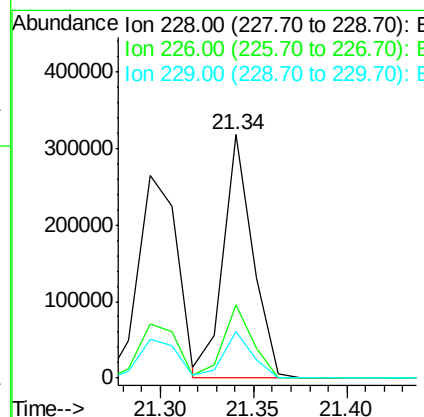
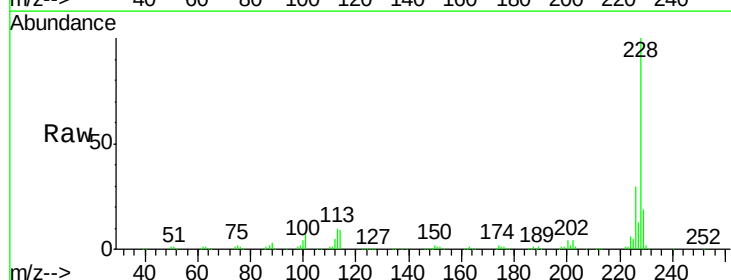
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011415

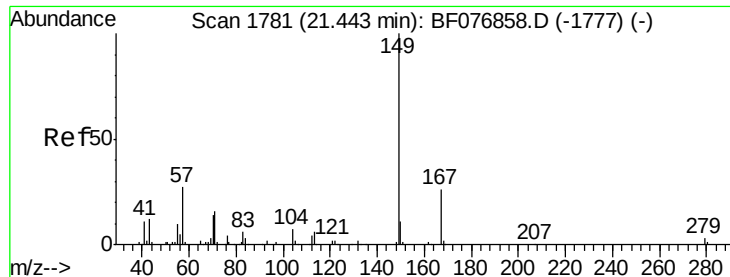
Tot Ion:252 Resp: 124060
 Ion Ratio Lower Upper
 252 100
 254 66.3 50.2 75.4
 126 13.6 11.5 17.3



#82
 Chrysene
 Concen: 40.42 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF076862.D
 Acq: 14 Jan 2015 16:34

Tgt Ion:228 Resp: 349992
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.4 35.0
 229 19.1 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.34 ng

RT: 21.43 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

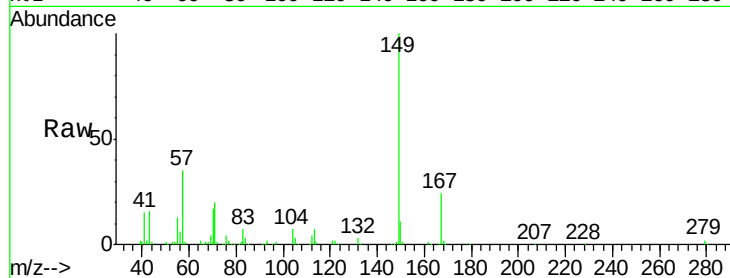
Tot Ion:149 Resp: 281662

Ion Ratio Lower Upper

149 100

167 24.3 20.6 30.8

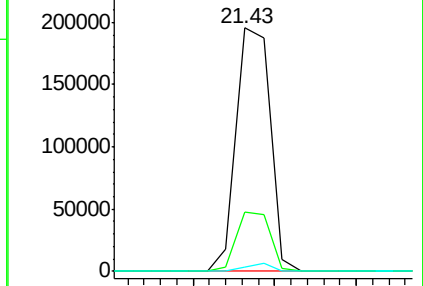
279 1.8 2.2 3.2#



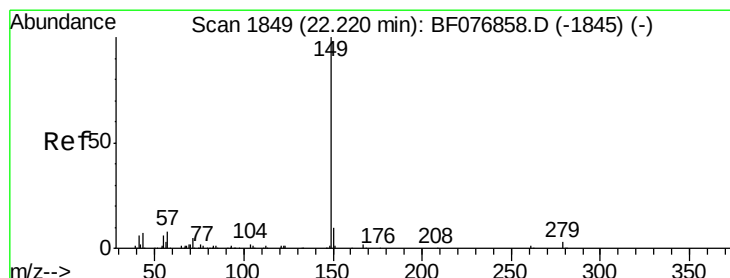
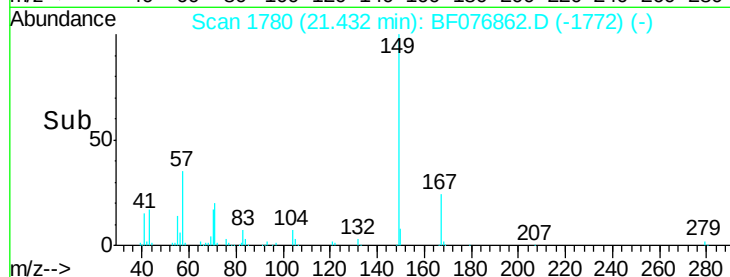
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 42.90 ng

RT: 22.21 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

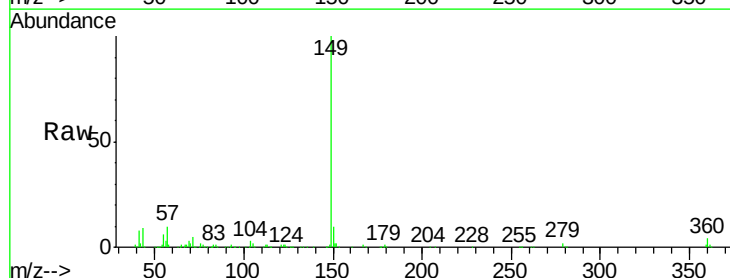
Tgt Ion:149 Resp: 483953

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

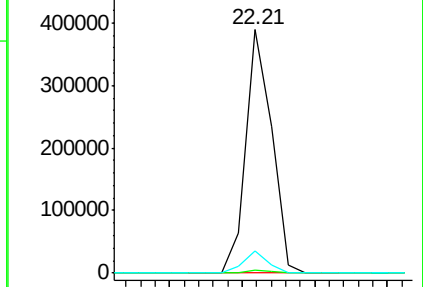
43 8.5 6.6 10.0



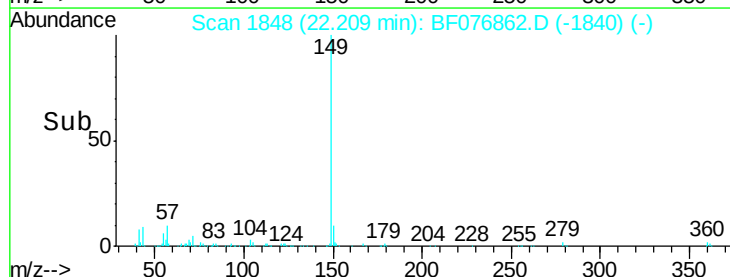
Abundance Ion 149.00 (148.70 to 149.70): E

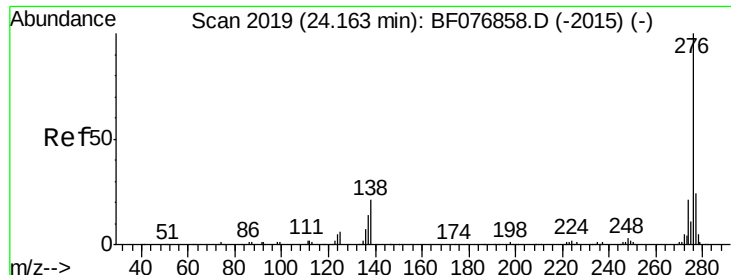
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time-->

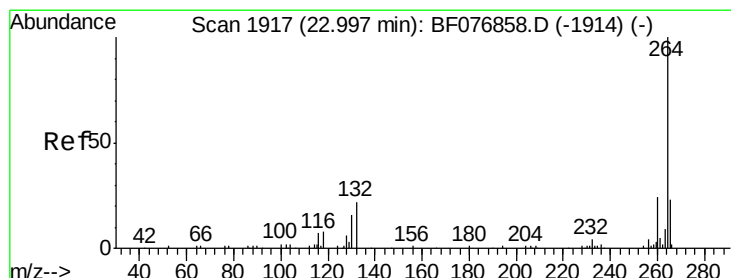
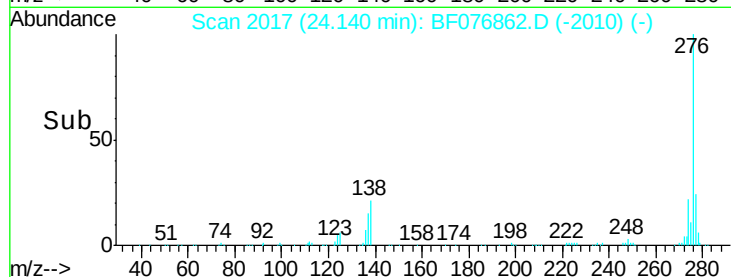
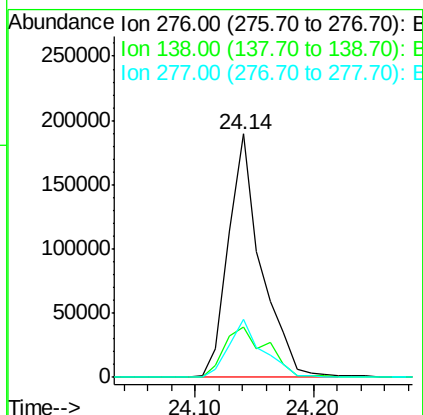
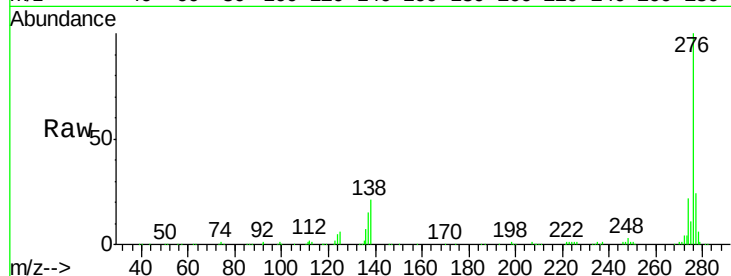




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.75 ng
RT: 24.14 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

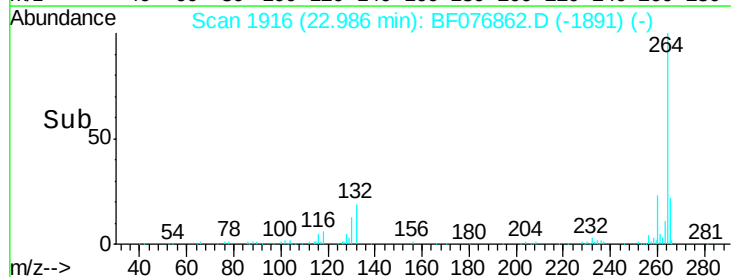
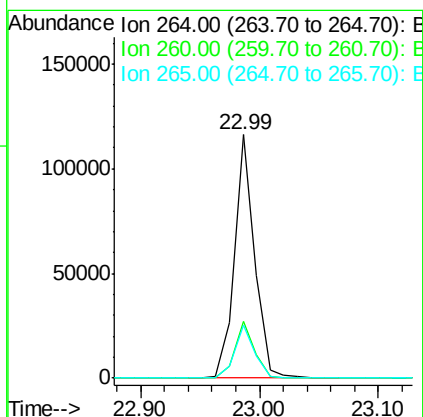
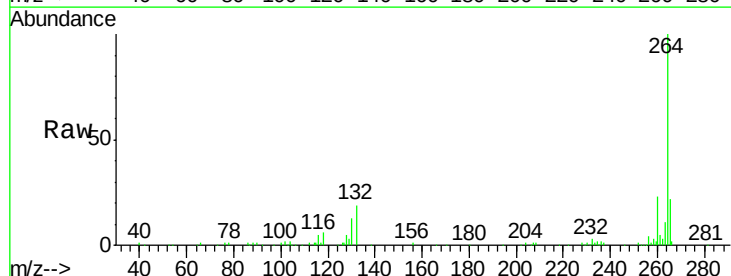
Instrument :
BNA_F
ClientSampleId :
ICVBF011415

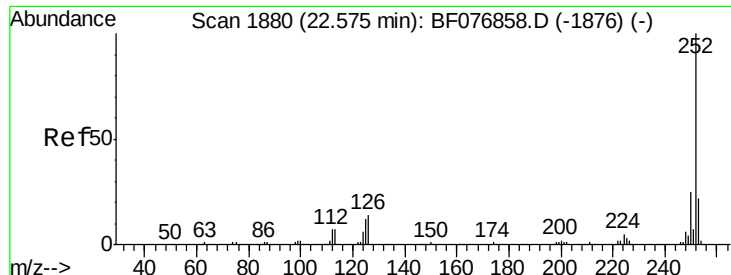
Tot Ion:276 Resp: 364802
Ion Ratio Lower Upper
276 100
138 27.3 14.6 22.0#
277 24.8 14.8 22.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.99 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion:264 Resp: 135996
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 21.6 18.1 27.1

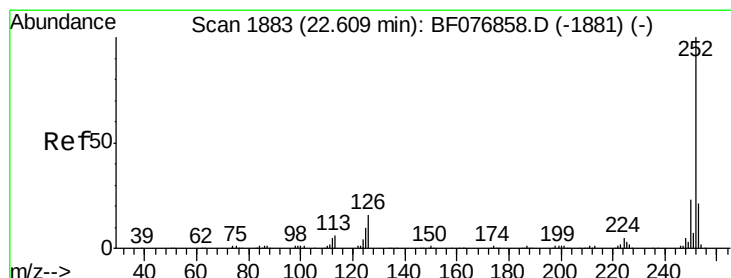
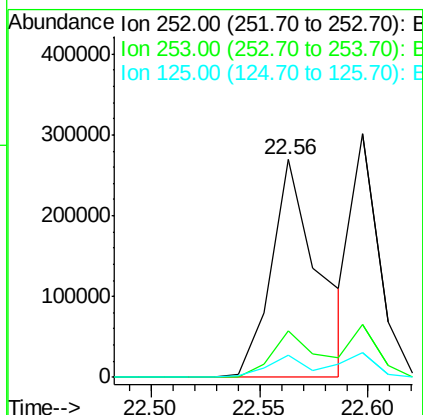
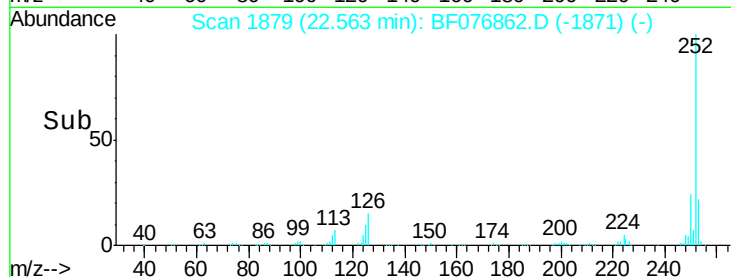
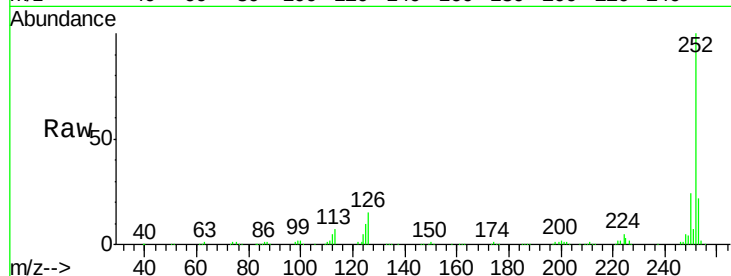




#87
Benzo(b)fluoranthene
Concen: 44.72 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

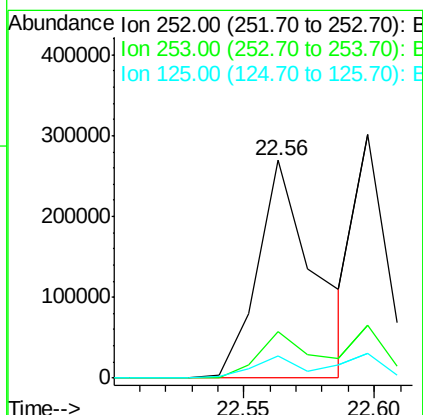
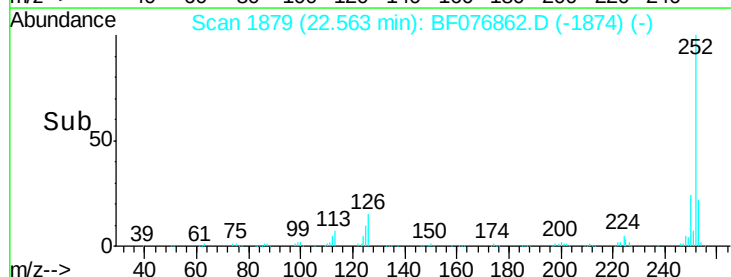
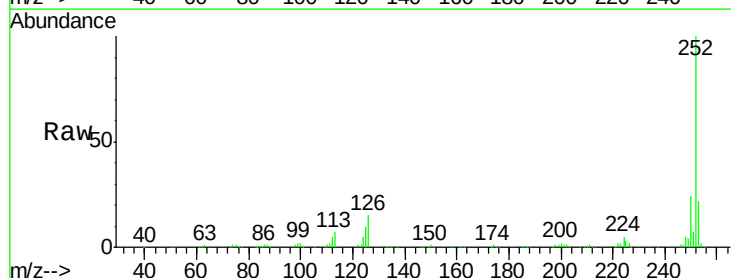
Instrument :
BNA_F
ClientSampleId :
ICVBF011415

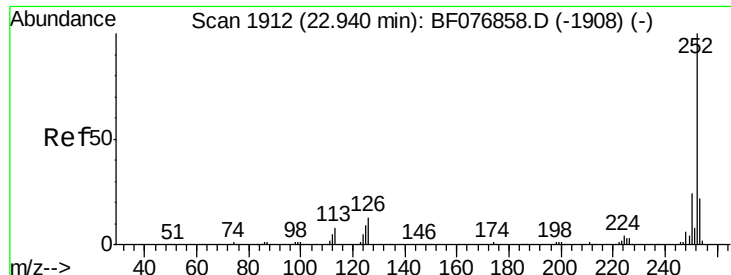
Tot Ion:252 Resp: 409610
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.0 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 51.18 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.05 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion:252 Resp: 409590
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.0 7.1 10.7

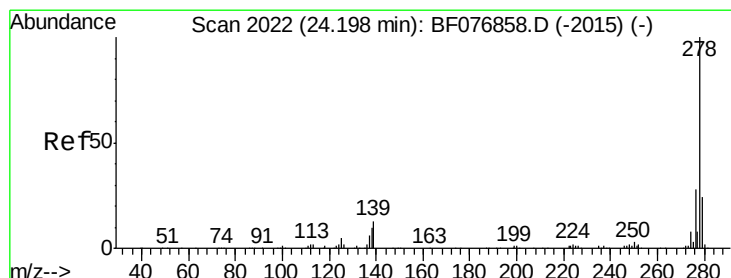
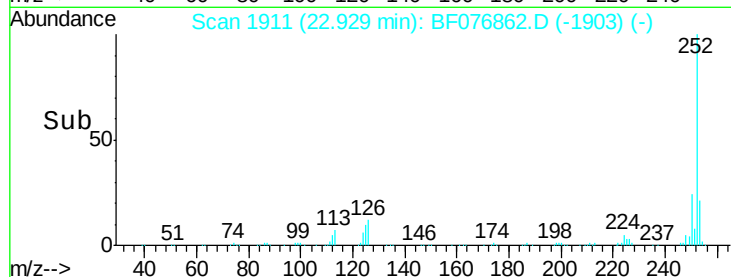
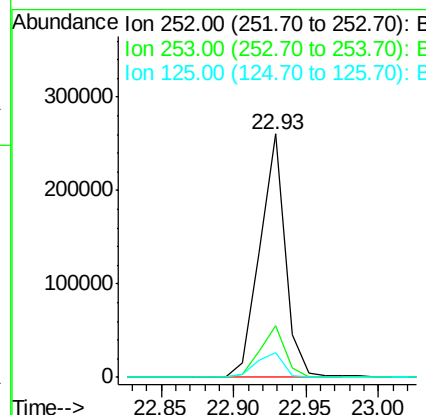
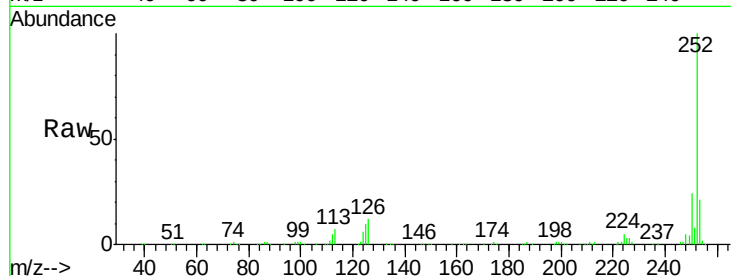




#89
Benzo(a)pyrene
Concen: 39.39 ng
RT: 22.93 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

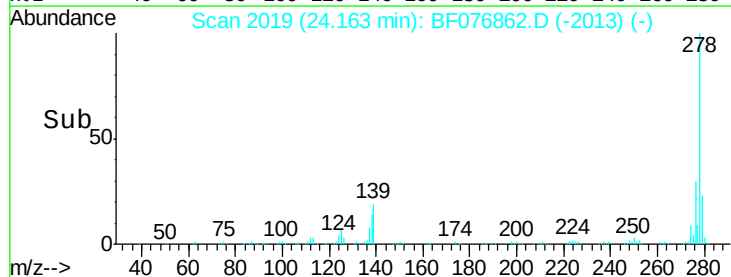
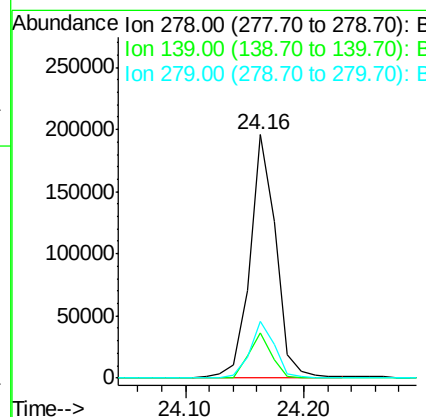
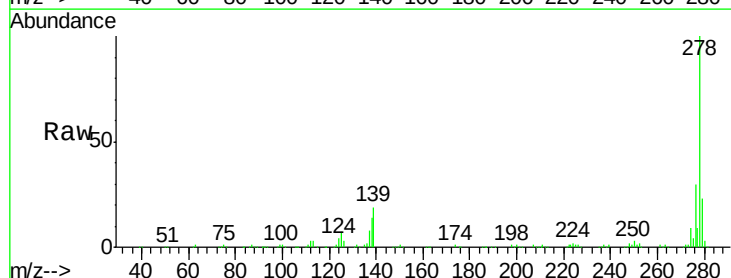
Instrument :
BNA_F
ClientSampleId :
ICVBF011415

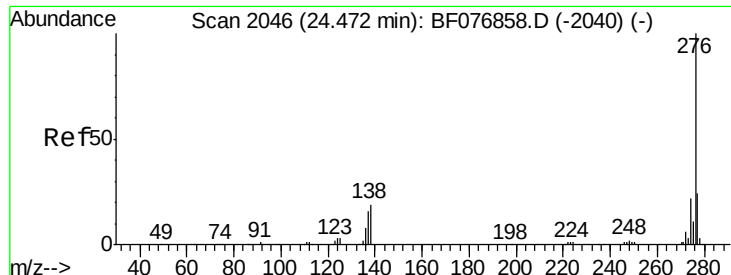
Tot Ion:252 Resp: 318221
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 10.0 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 40.52 ng
RT: 24.16 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF076862.D
Acq: 14 Jan 2015 16:34

Tgt Ion:278 Resp: 300373
Ion Ratio Lower Upper
278 100
139 18.8 10.5 15.7#
279 23.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 39.87 ng

RT: 24.44 min Scan# 2043

Delta R.T. -0.03 min

Lab File: BF076862.D

Acq: 14 Jan 2015 16:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011415

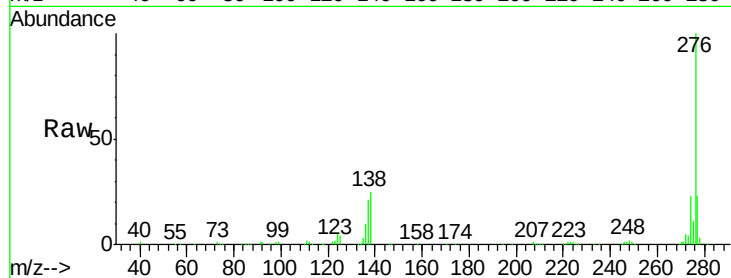
Tot Ion:276 Resp: 293799

Ion Ratio Lower Upper

276 100

277 22.8 19.5 29.3

138 25.3 15.0 22.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

