

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076860.D
 Acq On : 14 Jan 2015 15:25
 Operator : IZ / TP
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 22:51:11 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 22:41:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35300	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	158209	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	88138	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	145895	20.00	ng	0.00
75) Chrysene-d12	21.32	240	144460	20.00	ng	0.01
86) Perylene-d12	23.07	264	125265	20.00	ng	0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	271561	128.59	ng	0.01
7) Phenol-d6	7.43	99	338782	127.17	ng	0.01
23) Nitrobenzene-d5	9.33	82	349006	122.41	ng	0.01
41) 2,4,6-Tribromophenol	16.73	330	90699	123.73	ng	0.01
44) 2-Fluorobiphenyl	13.59	172	678988	114.19	ng	0.00
78) Terphenyl-d14	20.04	244	735804	111.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.30	88	54706	61.71	ng	97
3) Pyridine	1.80	79	129573	51.43	ng	91
4) n-Nitrosodimethylamine	1.76	42	70255	59.37	ng	98
6) Aniline	7.32	93	236259	64.21	ng	99
8) 2-Chlorophenol	7.56	128	155999	62.25	ng	96
9) Benzaldehyde	7.03	77	86191	54.56	ng	95
10) Phenol	7.45	94	178913	61.46	ng	94
11) bis(2-Chloroethyl)ether	7.56	93	139338	60.32	ng	99
12) 1,3-Dichlorobenzene	7.88	146	173465	62.36	ng	95
13) 1,4-Dichlorobenzene	8.06	146	183053	62.85	ng	99
14) 1,2-Dichlorobenzene	8.38	146	174838	64.31	ng	98
15) Benzyl Alcohol	8.46	79	142989	64.71	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.80	45	185232	59.53	ng	83
17) 2-Methylphenol	8.80	107	128369	63.81	ng	97
18) Hexachloroethane	9.12	117	65749	62.61	ng	99
19) n-Nitroso-di-n-propylamine	9.09	70	120872	63.80	ng	96
20) 3+4-Methylphenols	9.18	107	167596	63.27	ng	95
22) Acetophenone	9.01	105	231568	59.52	ng	99
24) Nitrobenzene	9.37	77	177014	61.45	ng	92
25) Isophorone	9.97	82	316484	60.97	ng	97
26) 2-Nitrophenol	10.10	139	87834	63.36	ng	96
27) 2,4-Dimethylphenol	10.38	122	142634	63.49	ng	98
28) bis(2-Chloroethoxy)methane	10.58	93	177827	58.18	ng	98
29) 2,4-Dichlorophenol	10.70	162	132243	62.50	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	142617	59.34	ng	97
31) Naphthalene	10.98	128	483688	59.32	ng	98
32) Benzoic acid	10.77	122	38809	34.00	ng	94
33) 4-Chloroaniline	11.22	127	197777	61.85	ng	96
34) Hexachlorobutadiene	11.34	225	80703	58.51	ng	97
35) Caprolactam	12.12	113	36652	57.62	ng	98
36) 4-Chloro-3-methylphenol	12.53	107	151824	64.41	ng	99
37) 2-Methylnaphthalene	12.64	142	333078	58.56	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	129232	59.39	ng	99
40) Hexachlorocyclopentadiene	13.03	237	68314	63.29	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	99784	62.94	nq	98
43) 2,4,5-Trichlorophenol	13.48	196	102645	61.85	nq	98
45) 1,1'-Biphenyl	13.80	154	389725	57.73	nq	99
46) 2-Chloronaphthalene	13.77	162	316368	58.62	nq	99
47) 2-Nitroaniline	14.12	65	104495	64.30	nq	90
48) Acenaphthylene	14.72	152	549747	59.75	nq	99
49) Dimethylphthalate	14.67	163	378686	59.73	nq	98
50) 2,6-Dinitrotoluene	14.77	165	80295	59.43	nq	94
51) Acenaphthene	15.16	154	305433	58.91	nq	97
52) 3-Nitroaniline	15.11	138	94977	60.80	nq	87
53) 2,4-Dinitrophenol	15.39	184	32079	90.44	nq	89
54) Dibenzofuran	15.58	168	441229	58.12	nq	99
55) 4-Nitrophenol	15.69	139	61848	61.21	nq	90
56) 2,4-Dinitrotoluene	15.68	165	110895	64.27	nq	# 86
57) Fluorene	16.28	166	385896	60.85	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.90	232	76707	63.55	nq	99
59) Diethylphthalate	16.28	149	373626	57.38	nq	98
60) 4-Chlorophenyl-phenylether	16.37	204	155532	57.43	nq	89
61) 4-Nitroaniline	16.43	138	96060	67.08	nq	97
62) Azobenzene	16.64	77	387205	57.76	nq	98
64) 4,6-Dinitro-2-methylphenol	16.48	198	57152	68.13	nq	84
65) n-Nitrosodiphenylamine	16.61	169	310764	58.68	nq	98
66) 4-Bromophenyl-phenylether	17.19	248	91114	60.49	nq	97
67) Hexachlorobenzene	17.21	284	93476	59.24	nq	92
68) Atrazine	17.56	200	95892	59.43	nq	97
69) Pentachlorophenol	17.57	266	41389	76.06	nq	100
70) Phenanthrene	17.85	178	547313	60.25	nq	99
71) Anthracene	17.93	178	538991	61.26	nq	99
72) Carbazole	18.21	167	509599	58.94	nq	98
73) Di-n-butylphthalate	18.79	149	601513	58.77	nq	98
74) Fluoranthene	19.49	202	568468	60.64	nq	98
76) Benzidine	19.73	184	276017	60.09	nq	99
77) Pyrene	19.77	202	584507	56.04	nq	99
79) Butylbenzylphthalate	20.70	149	268801	55.72	nq	89
80) Benzo(a)anthracene	21.31	228	525407	56.77	nq	99
81) 3,3'-Dichlorobenzidine	21.32	252	176379	59.62	nq	98
82) Chrysene	21.35	228	477791	57.03	nq	99
83) Bis(2-ethylhexyl)phthalate	21.45	149	369252	55.31	nq	99
84) Di-n-octyl phthalate	22.25	149	664149	58.72	nq	99
87) Benzo(b)fluoranthene	22.65	252	392455	46.82	nq	98
88) Benzo(k)fluoranthene	22.65	252	397133	51.49	nq	98
89) Benzo(a)pyrene	23.00	252	456117	61.59	nq	# 97
90) Dibenzo(a,h)anthracene	24.31	278	423911	62.56	nq	97
91) Benzo(q,h,i)perylene	24.59	276	394496	57.18	nq	# 94

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

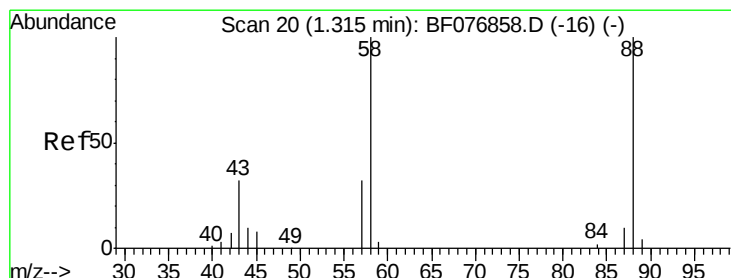
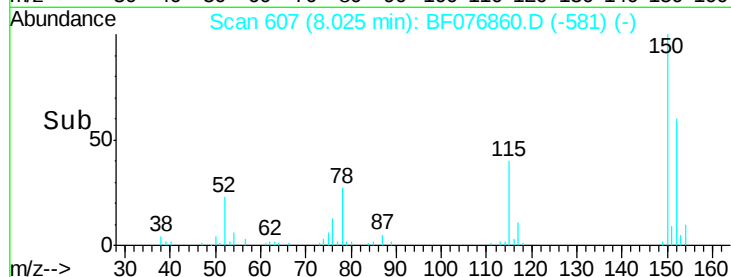
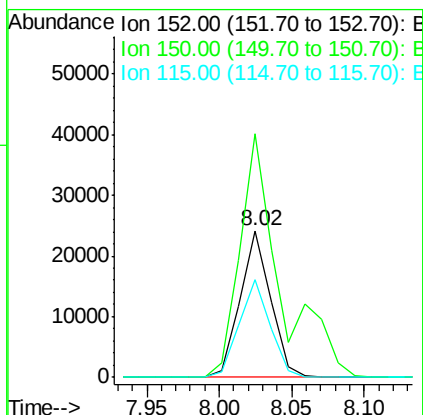
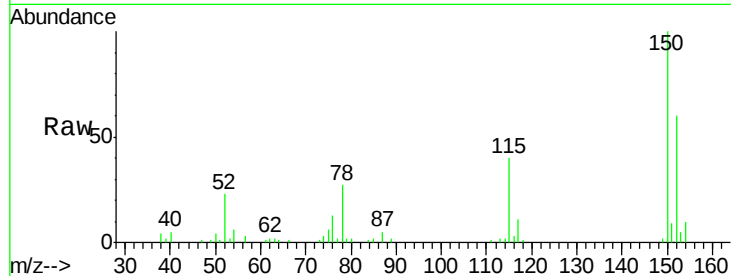


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampled :

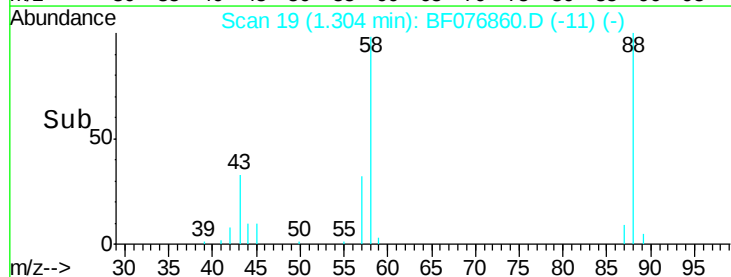
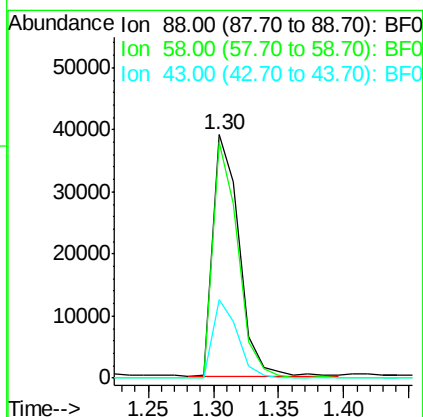
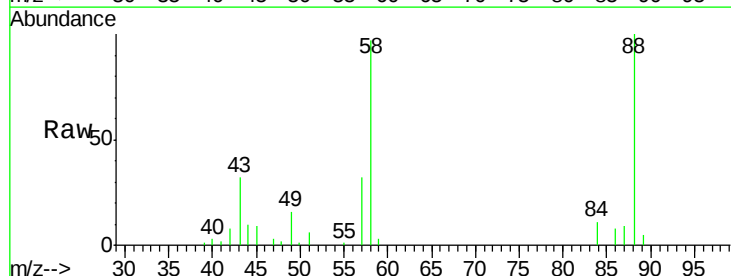
Tot Ion:152 Resp: 35300
Ion Ratio Lower Upper
152 100
150 166.0 121.7 182.5
115 66.5 47.0 70.6

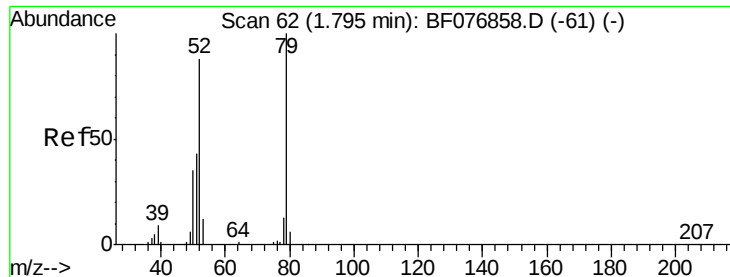


#2

1,4-Dioxane
Concen: 61.71 ng
RT: 1.30 min Scan# 19
Delta R.T. -0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion: 88 Resp: 54706
Ion Ratio Lower Upper
88 100
58 92.7 77.0 115.4
43 30.3 25.6 38.4





#3

Pvridine

Concen: 51.43 ng

RT: 1.80 min Scan# 62

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampleId :

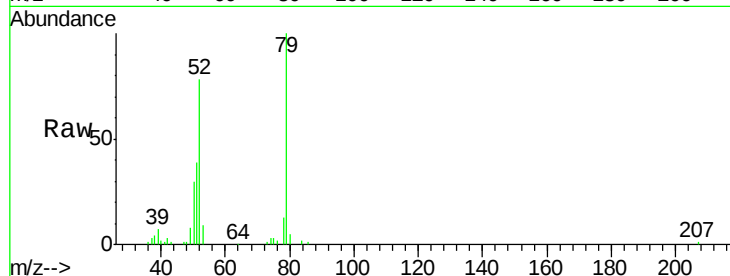
Tot Ion: 79 Resp: 129573

Ion Ratio Lower Upper

79 100

52 78.1 70.1 105.1

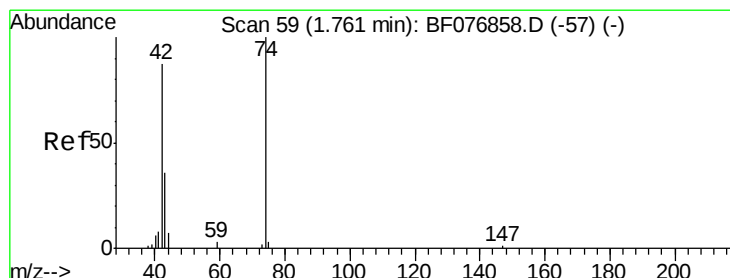
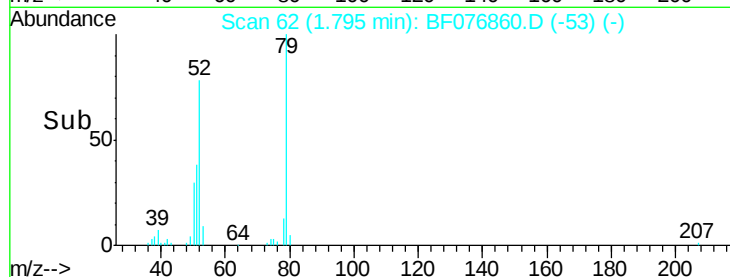
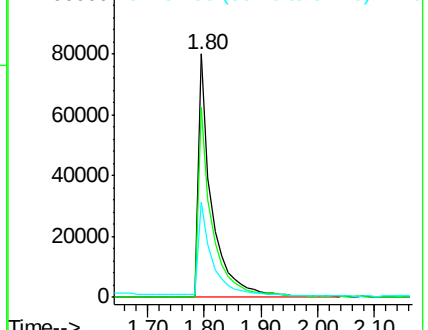
51 39.2 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 59.37 ng

RT: 1.76 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

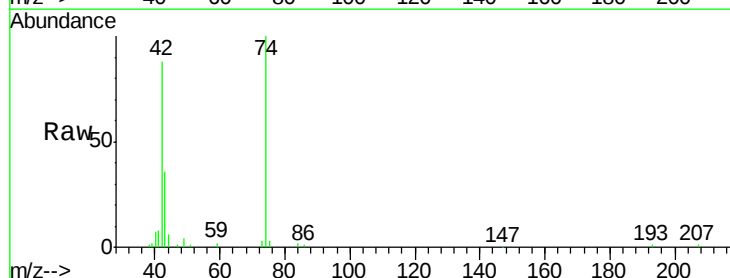
Tgt Ion: 42 Resp: 70255

Ion Ratio Lower Upper

42 100

74 113.7 92.4 138.6

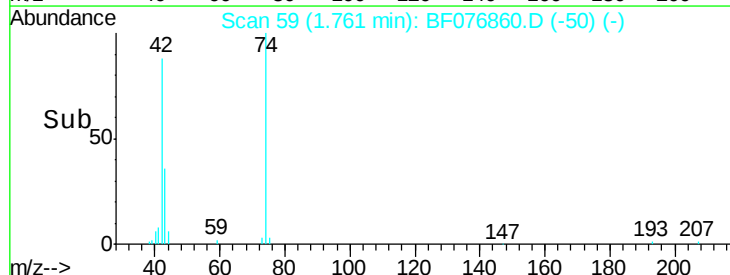
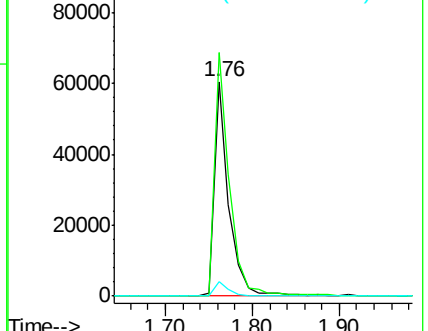
44 7.0 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 128.59 ng

RT: 5.10 min Scan# 351

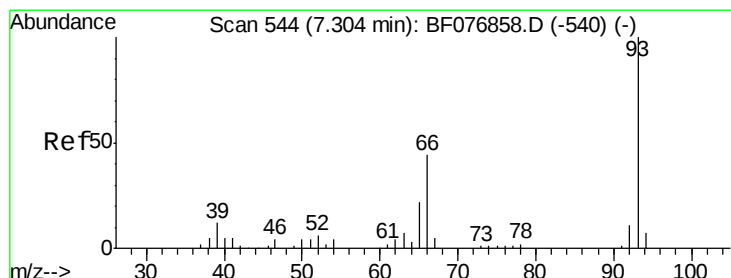
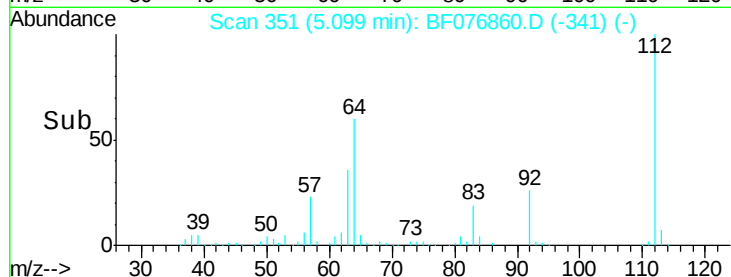
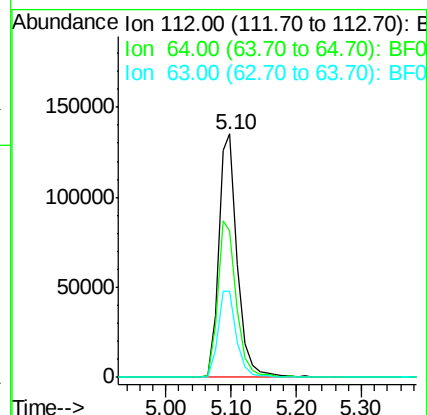
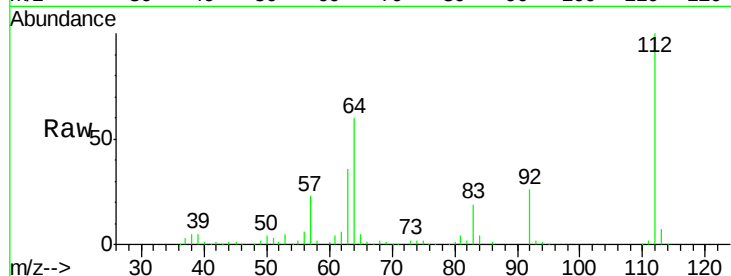
Delta R.T. 0.01 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	271561
Ion	Ratio	Lower	Upper
112	100		
64	60.1	54.2	81.4
63	35.5	28.4	42.6



#6

Aniline

Concen: 64.21 ng

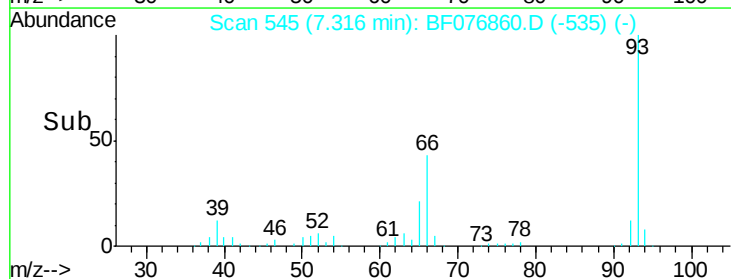
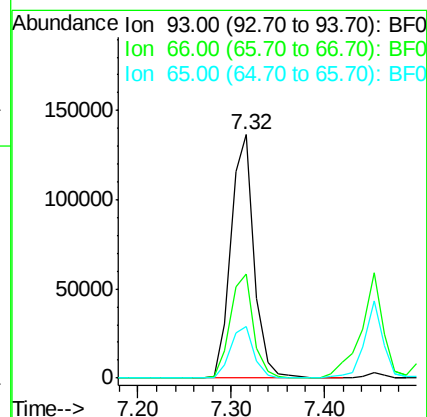
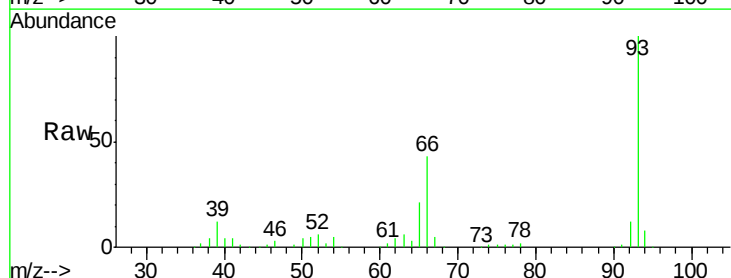
RT: 7.32 min Scan# 545

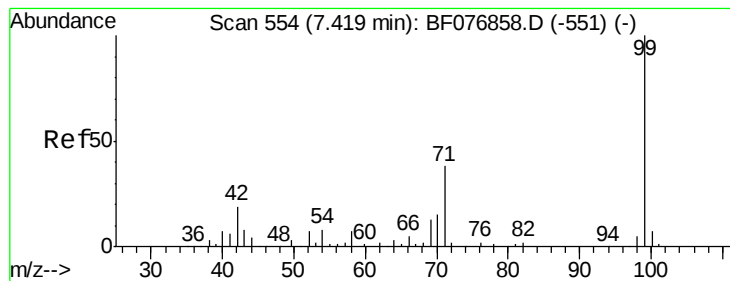
Delta R.T. 0.01 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Tgt Ion:	93	Resp:	236259
Ion	Ratio	Lower	Upper
93	100		
66	42.8	35.0	52.4
65	21.4	17.7	26.5





#7

Phenol-d6

Concen: 127.17 ng

RT: 7.43 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampled :

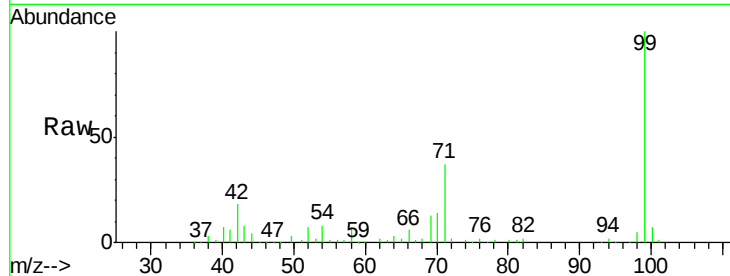
Tot Ion: 99 Resp: 338782

Ion Ratio Lower Upper

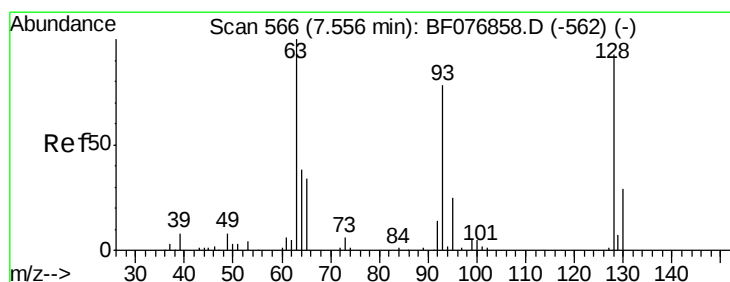
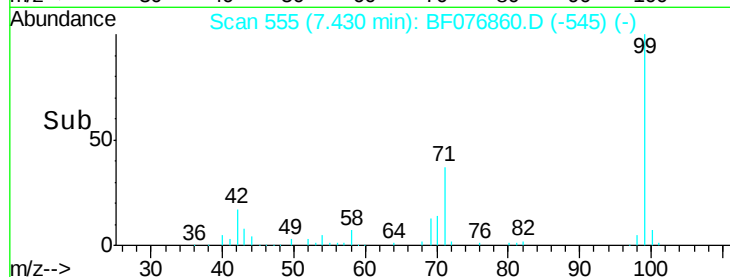
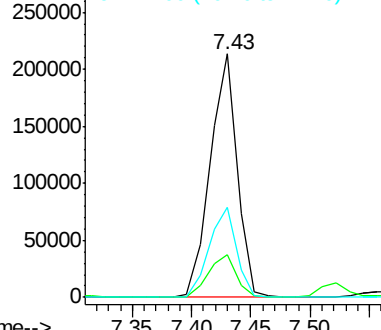
99 100

42 17.8 15.0 22.4

71 36.8 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: 62.25 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

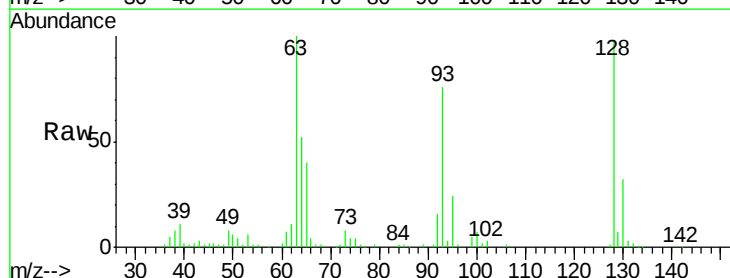
Tgt Ion: 128 Resp: 155999

Ion Ratio Lower Upper

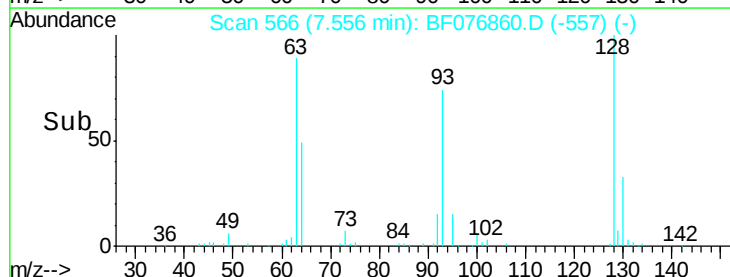
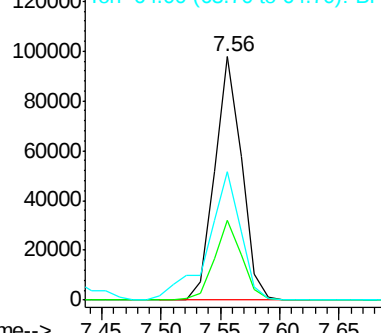
128 100

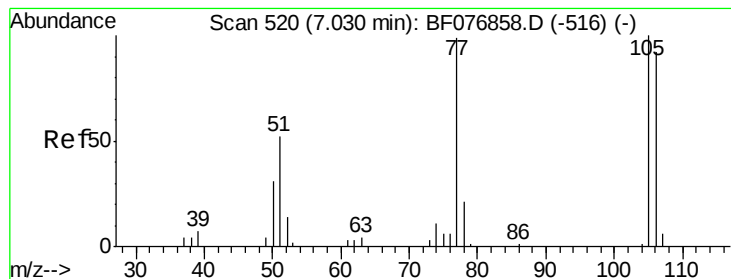
130 32.7 11.0 51.0

64 52.8 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: 54.56 ng

RT: 7.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampled :

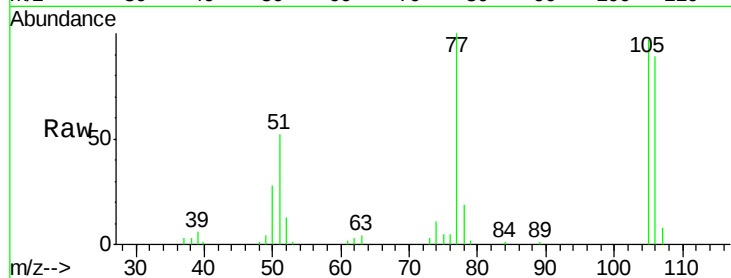
Tot Ion: 77 Resp: 86191

Ion Ratio Lower Upper

77 100

105 96.6 81.4 121.4

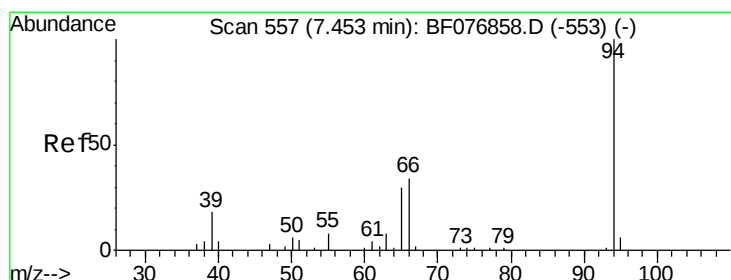
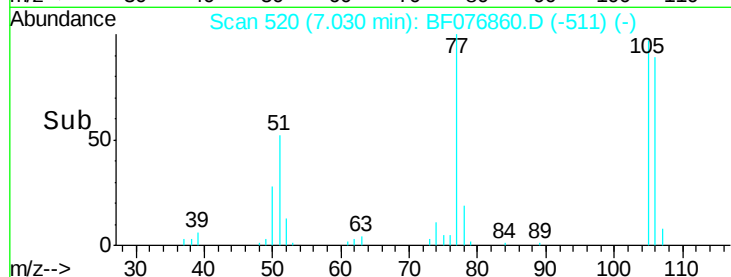
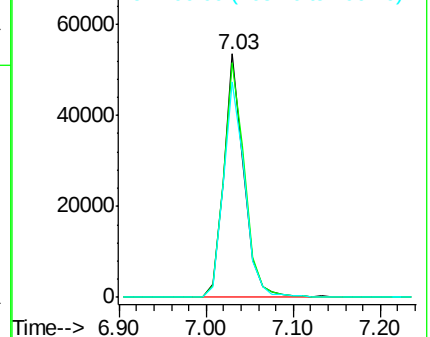
106 88.7 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 61.46 ng

RT: 7.45 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

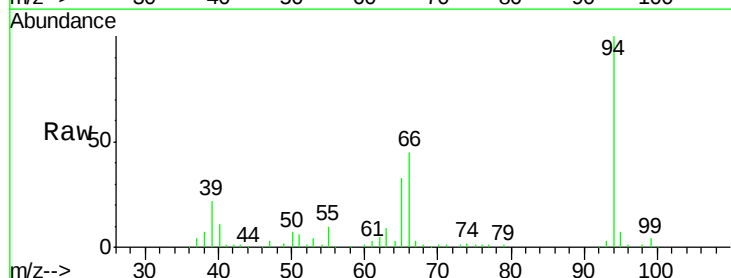
Tgt Ion: 94 Resp: 178913

Ion Ratio Lower Upper

94 100

65 33.1 11.3 51.3

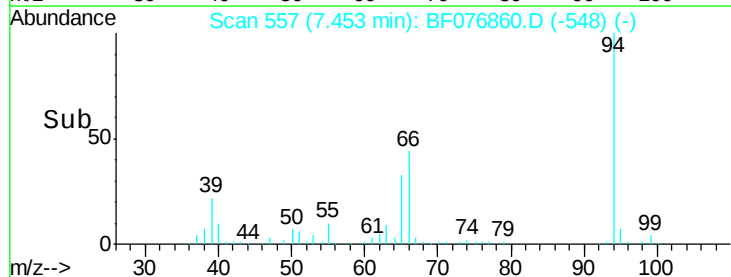
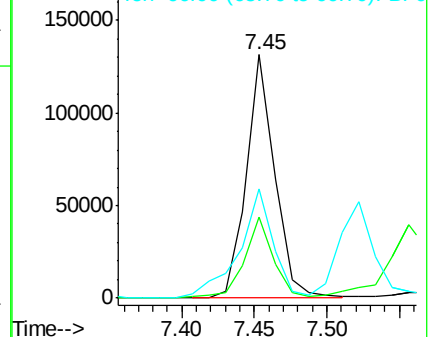
66 45.0 19.5 59.5

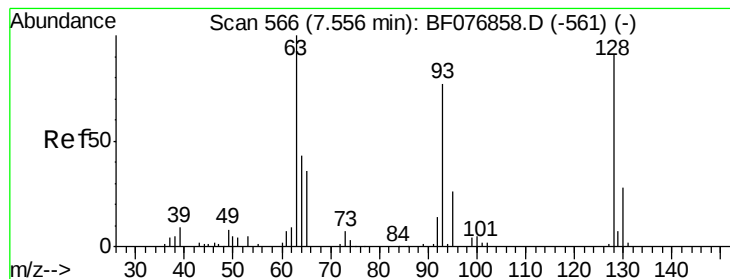


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

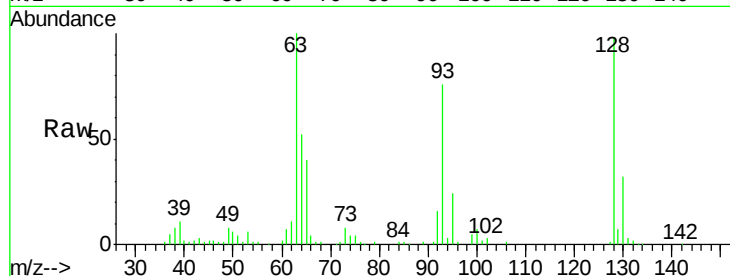




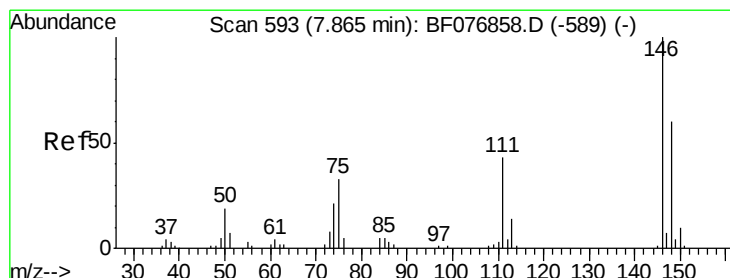
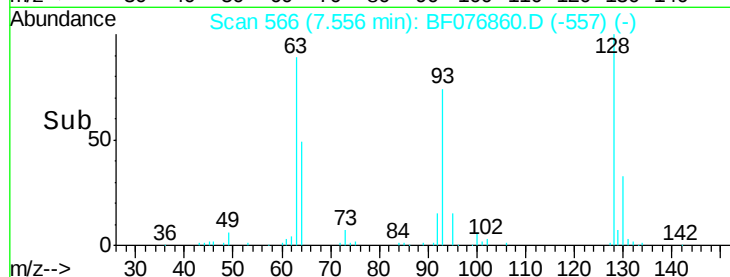
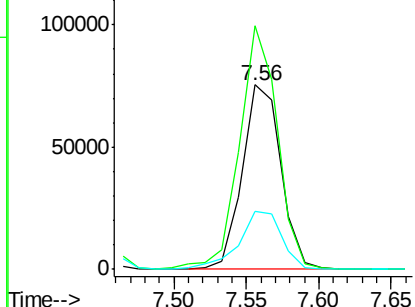
#11
bis(2-Chloroethyl)ether
Concen: 60.32 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 139338
Ion Ratio Lower Upper
93 100
63 131.9 111.3 151.3
95 31.6 13.8 53.8

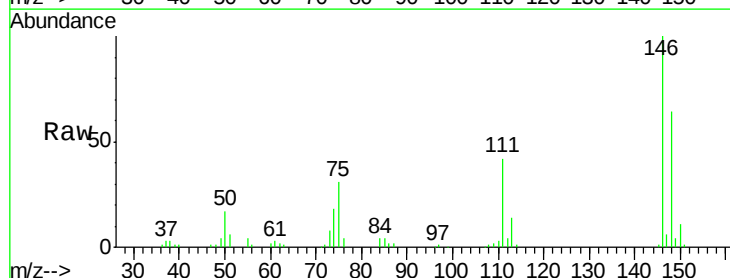


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

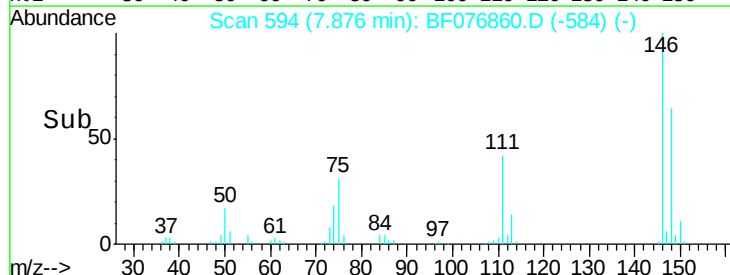
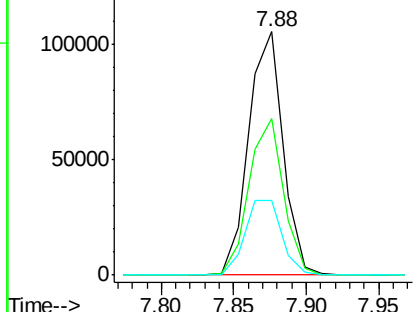


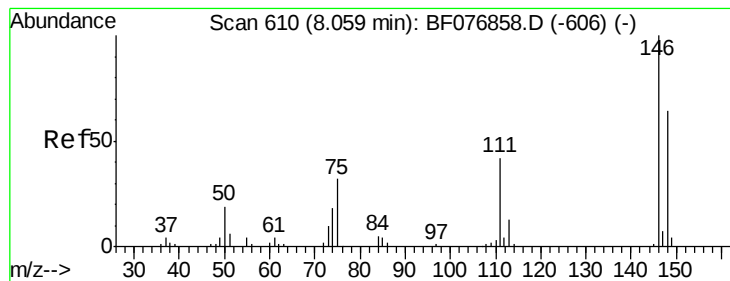
#12
1,3-Dichlorobenzene
Concen: 62.36 ng
RT: 7.88 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion: 146 Resp: 173465
Ion Ratio Lower Upper
146 100
148 64.5 48.1 72.1
75 30.7 26.8 40.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 62.85 ng

RT: 8.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampled :

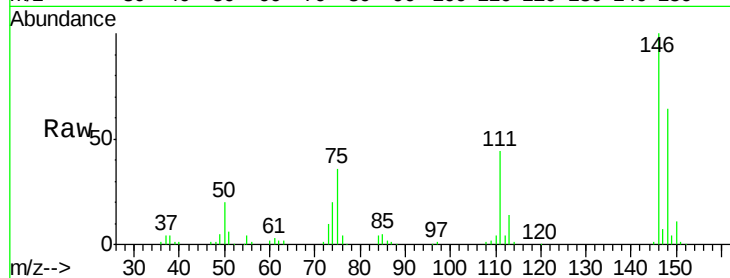
Tot Ion:146 Resp: 183053

Ion Ratio Lower Upper

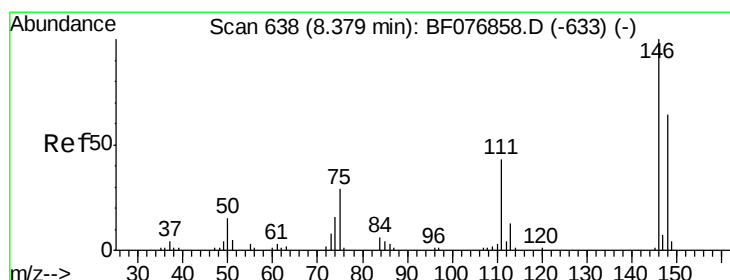
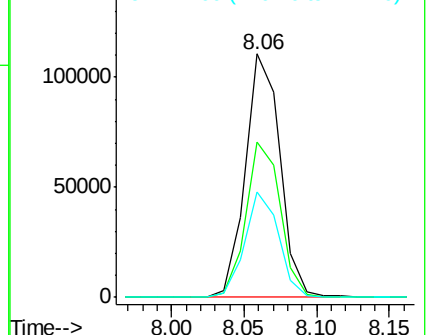
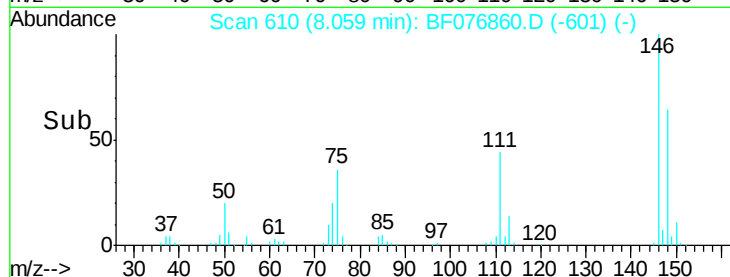
146 100

148 63.7 51.5 77.3

111 43.5 33.9 50.9



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



#14

1,2-Dichlorobenzene

Concen: 64.31 ng

RT: 8.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

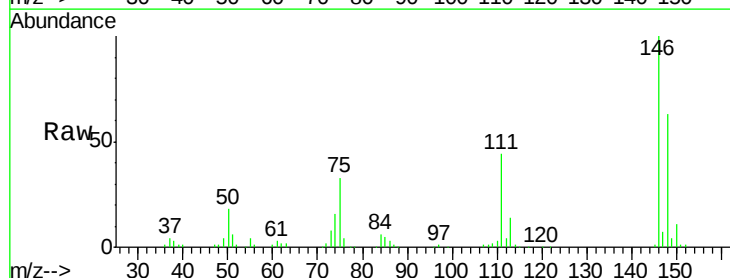
Tgt Ion:146 Resp: 174838

Ion Ratio Lower Upper

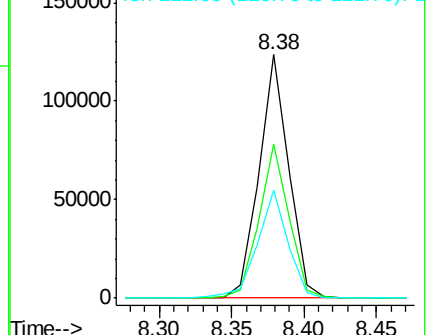
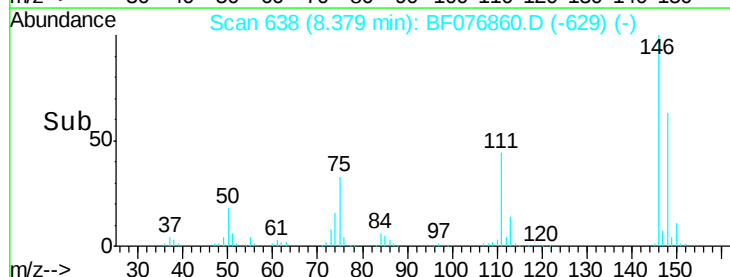
146 100

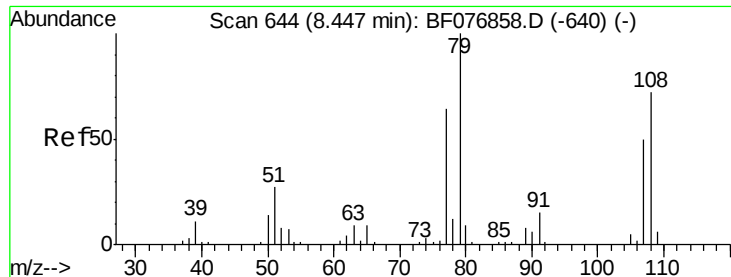
148 63.1 51.3 76.9

111 44.4 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 64.71 ng

RT: 8.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampleId :

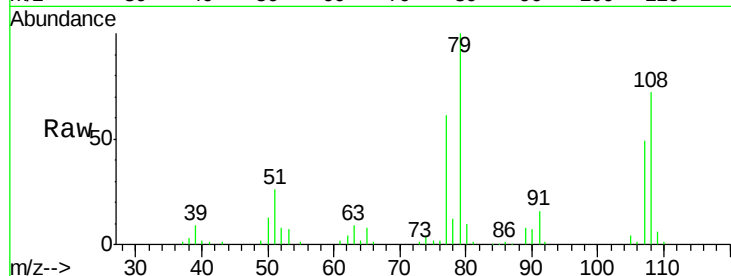
Tot Ion: 79 Resp: 142989

Ion Ratio Lower Upper

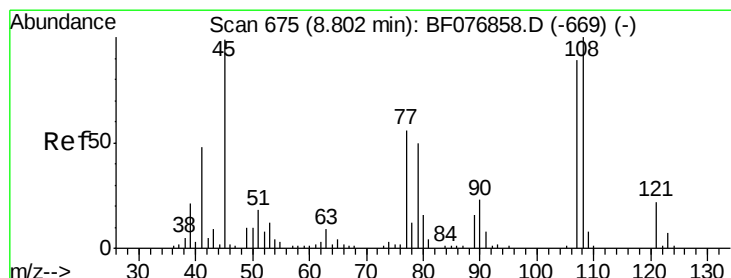
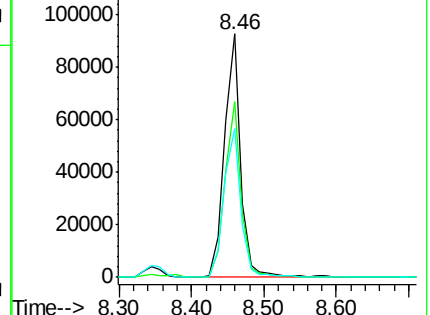
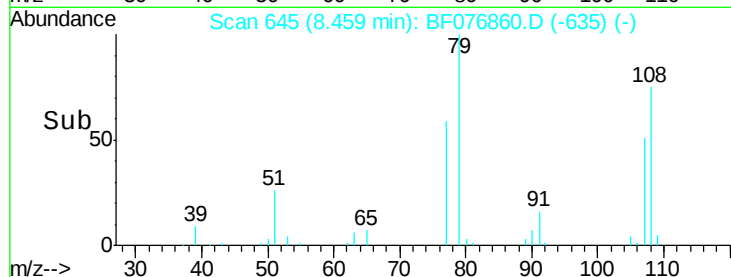
79 100

108 72.4 57.2 85.8

77 61.3 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: 59.53 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

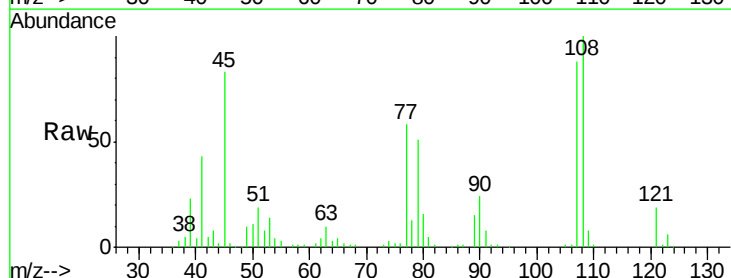
Tgt Ion: 45 Resp: 185232

Ion Ratio Lower Upper

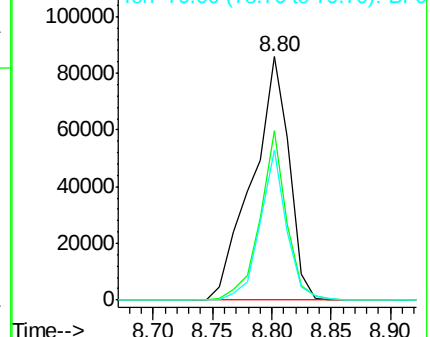
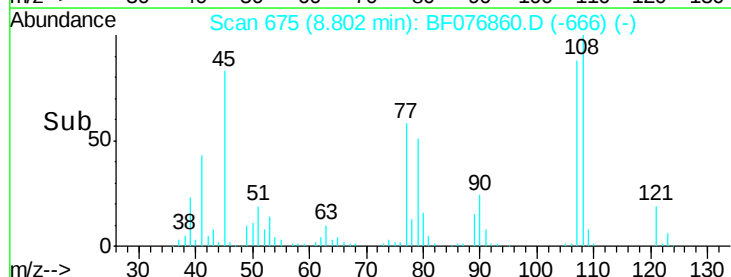
45 100

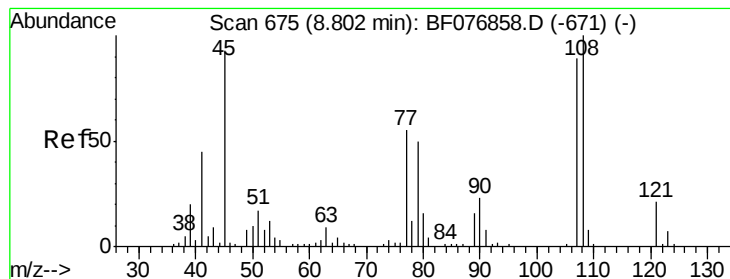
77 69.4 36.1 76.1

79 61.6 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

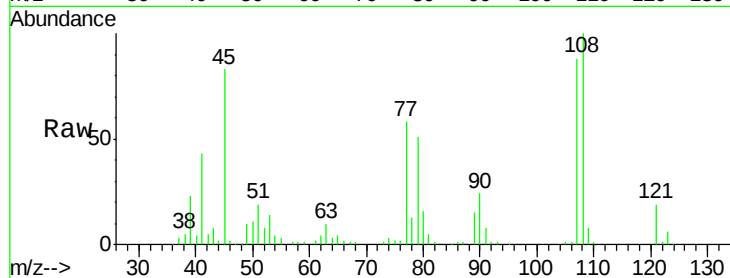




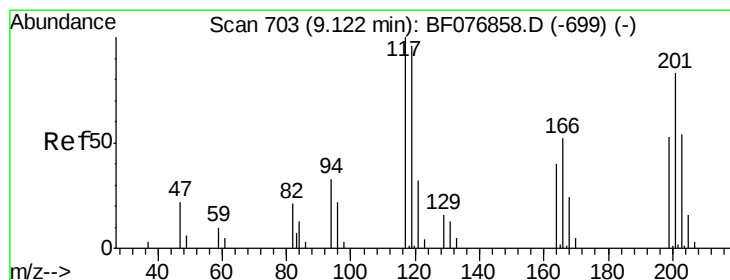
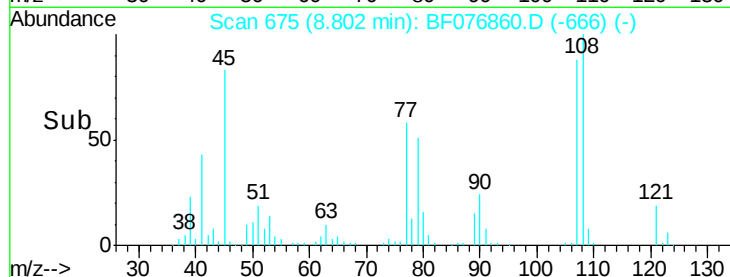
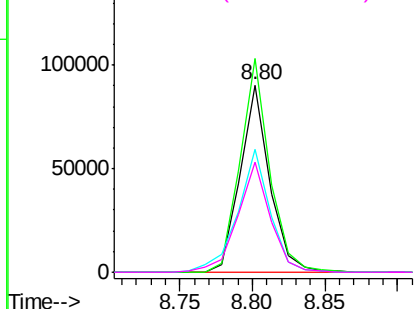
#17
2-Methylphenol
Concen: 63.81 ng
RT: 8.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 128369
Ion Ratio Lower Upper
107 100
108 114.0 89.7 134.5
77 65.9 50.1 75.1
79 58.5 45.0 67.6

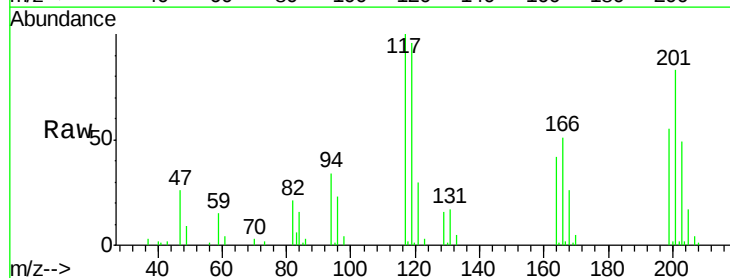


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

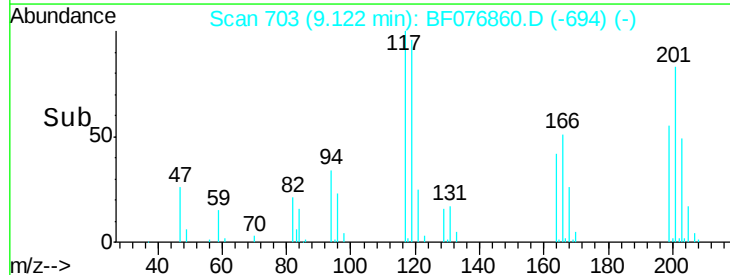
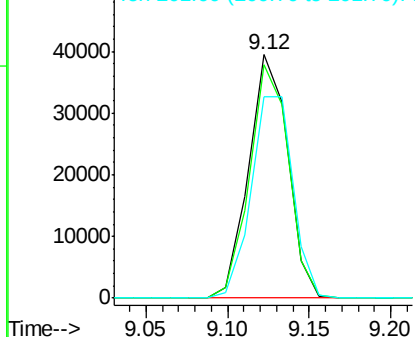


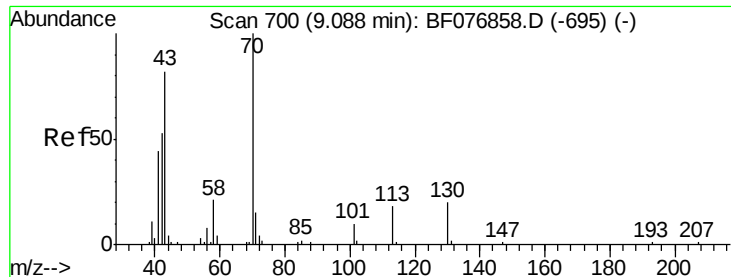
#18
Hexachloroethane
Concen: 62.61 ng
RT: 9.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:117 Resp: 65749
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7
201 82.6 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

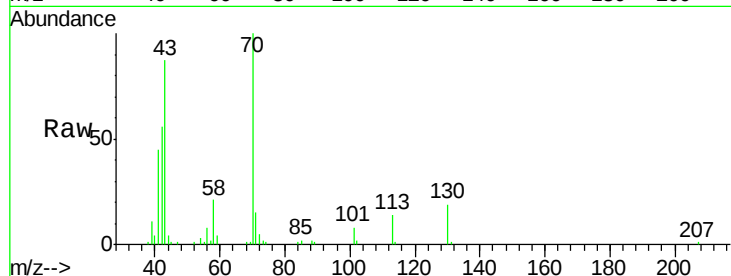




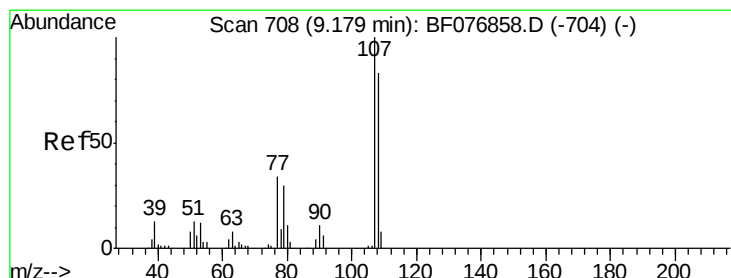
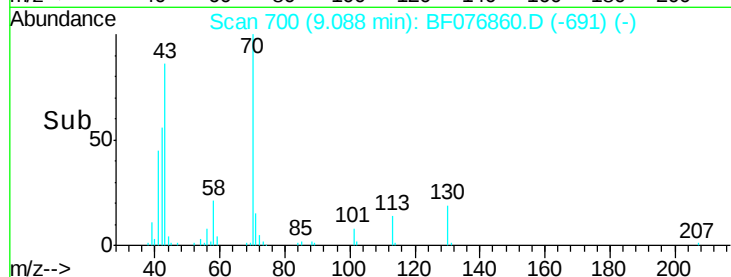
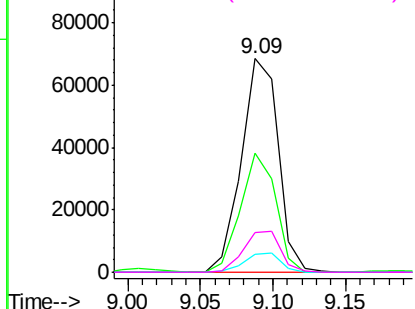
#19
n-Nitroso-di-n-propylamine
Concen: 63.80 ng
RT: 9.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	120872
Ion	Ratio	Lower	Upper
70	100		
42	55.6	42.1	63.1
101	8.2	7.8	11.8
130	18.7	16.2	24.4

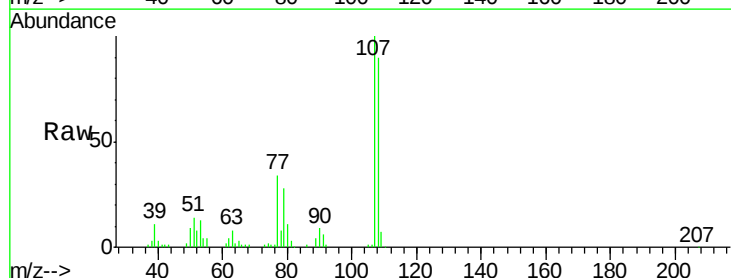


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

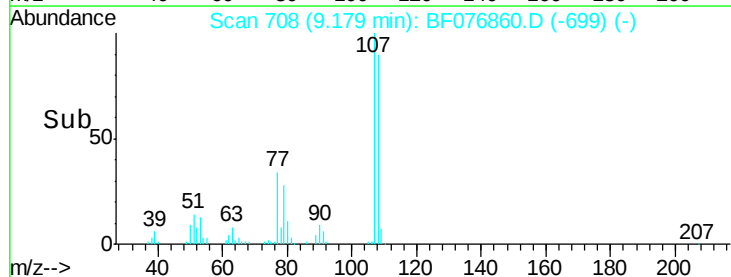
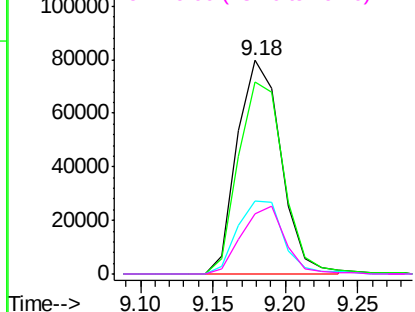


#20
3+4-Methylphenols
Concen: 63.27 ng
RT: 9.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:	107	Resp:	167596
Ion	Ratio	Lower	Upper
107	100		
108	89.9	63.5	103.5
77	34.1	14.0	54.0
79	28.4	9.9	49.9



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

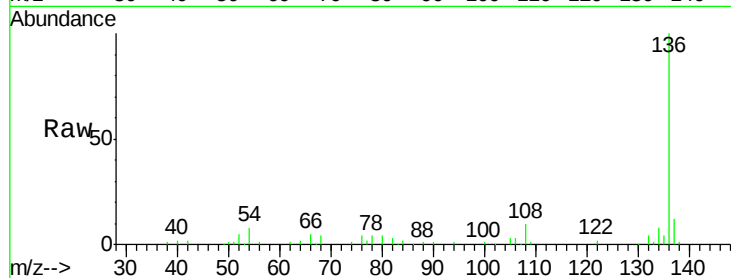




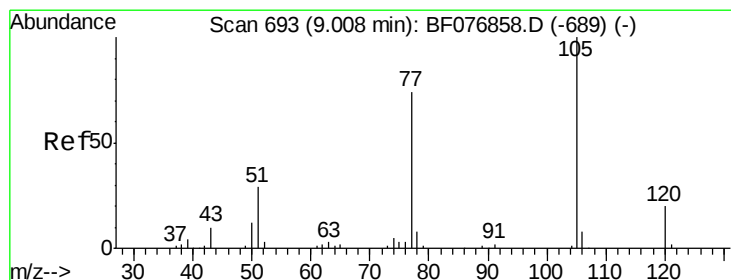
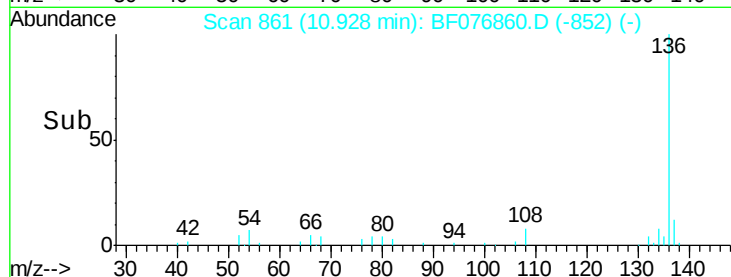
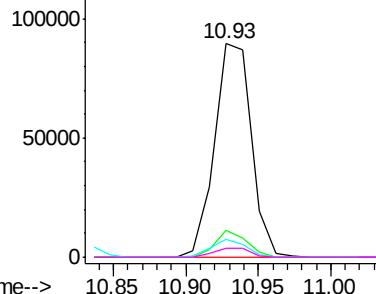
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	158209
Ion Ratio	Lower	Upper
136	100	
137	12.4	8.1 12.1#
54	8.3	7.0 10.4
68	4.3	3.7 5.5

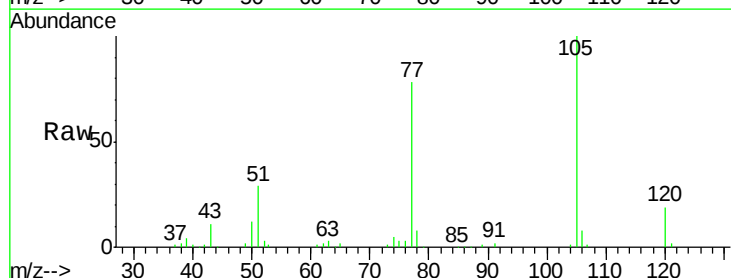


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

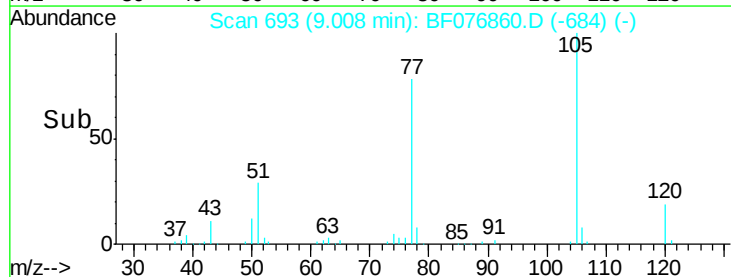
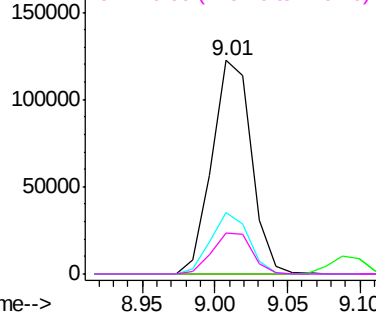


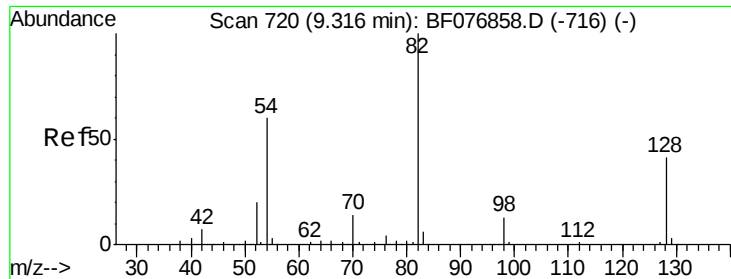
#22
Acetophenone
Concen: 59.52 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:105	Resp:	231568
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

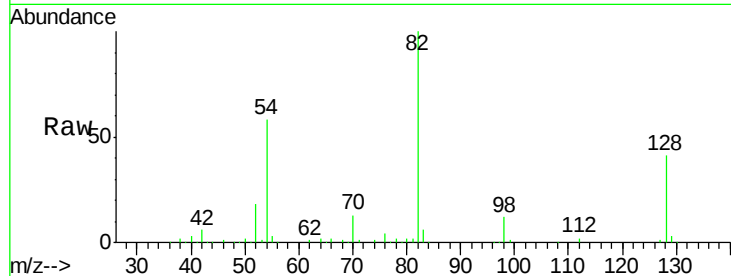




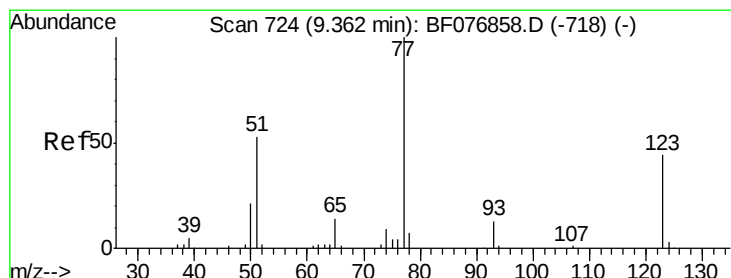
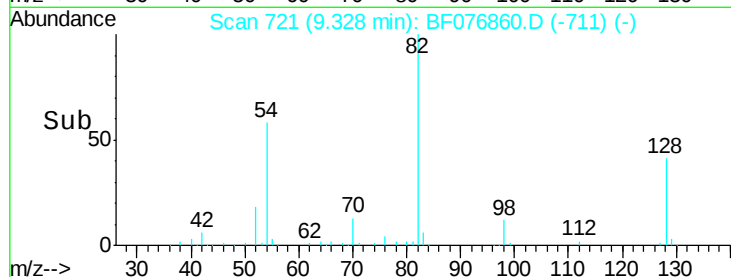
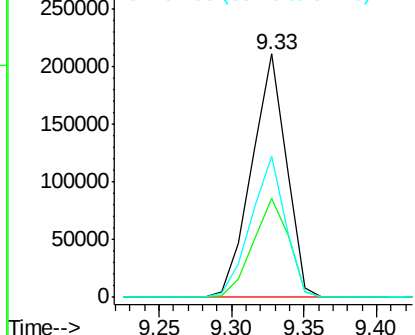
#23
Nitrobenzene-d5
Concen: 122.41 ng
RT: 9.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 349006
Ion Ratio Lower Upper
82 100
128 40.8 33.1 49.7
54 57.8 48.3 72.5

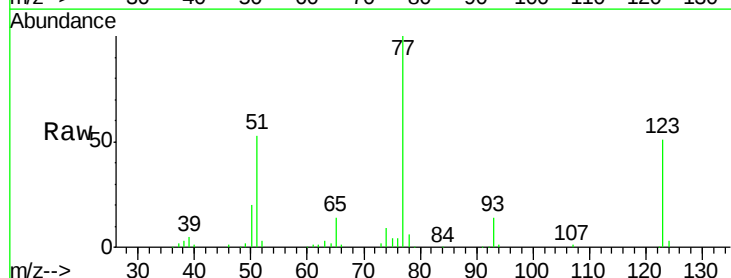


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

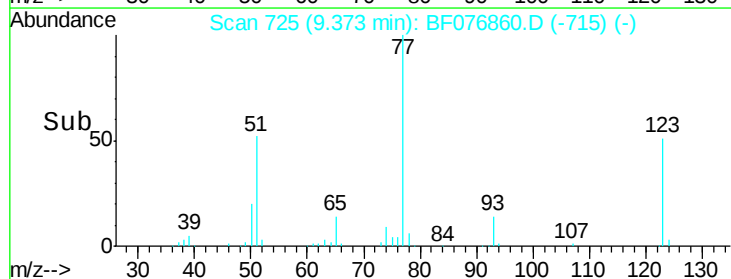
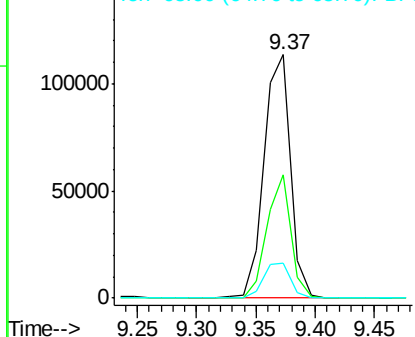


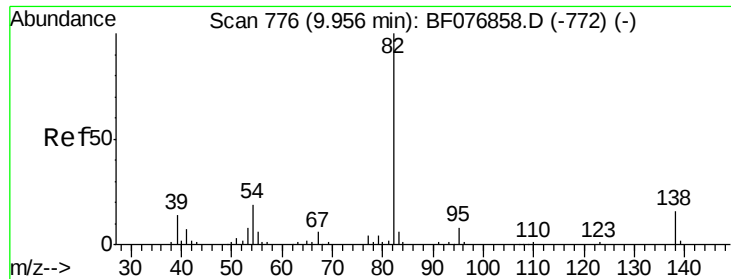
#24
Nitrobenzene
Concen: 61.45 ng
RT: 9.37 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion: 77 Resp: 177014
Ion Ratio Lower Upper
77 100
123 50.7 35.2 52.8
65 14.2 11.4 17.2



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





#25

Isophorone

Concen: 60.97 ng

RT: 9.97 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampleId :

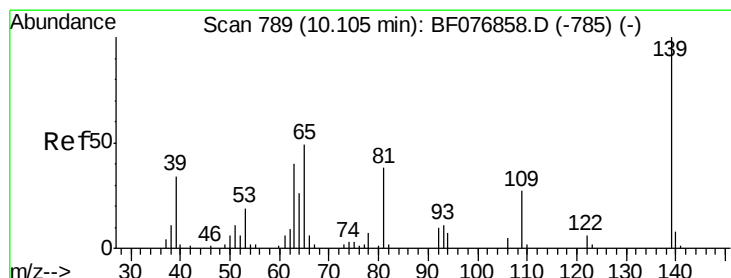
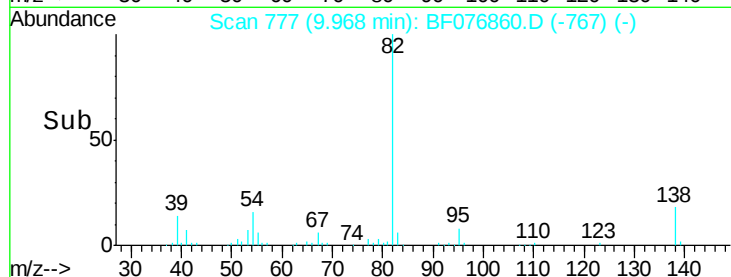
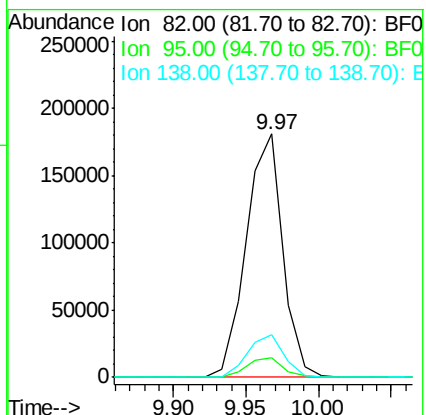
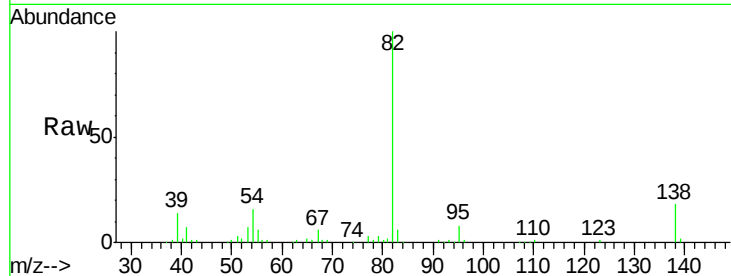
Tot Ion: 82 Resp: 316484

Ion Ratio Lower Upper

82 100

95 8.2 6.6 10.0

138 17.6 12.6 18.8



#26

2-Nitrophenol

Concen: 63.36 ng

RT: 10.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

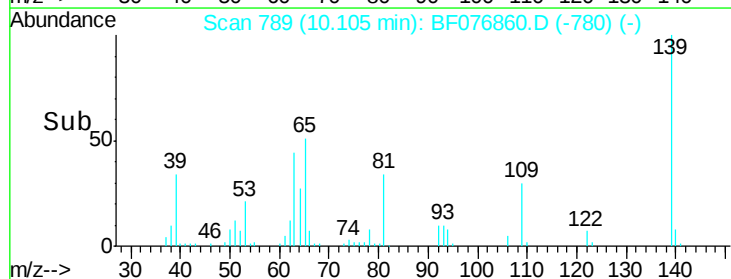
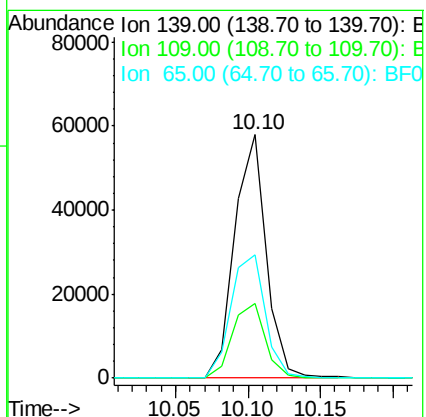
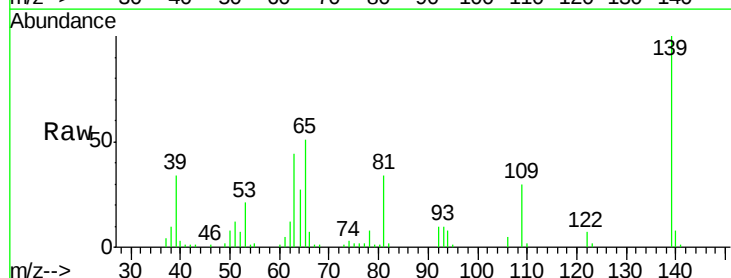
Tgt Ion: 139 Resp: 87834

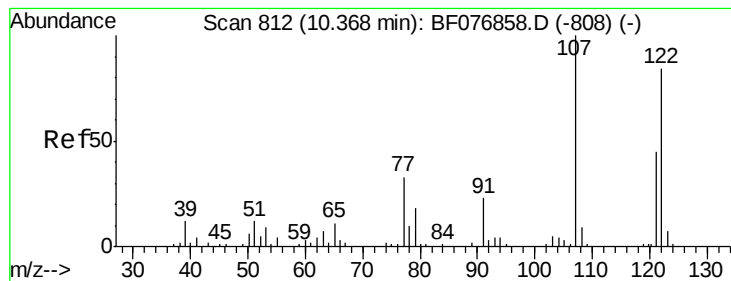
Ion Ratio Lower Upper

139 100

109 30.5 21.3 31.9

65 50.7 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 63.49 ng

RT: 10.38 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampled :

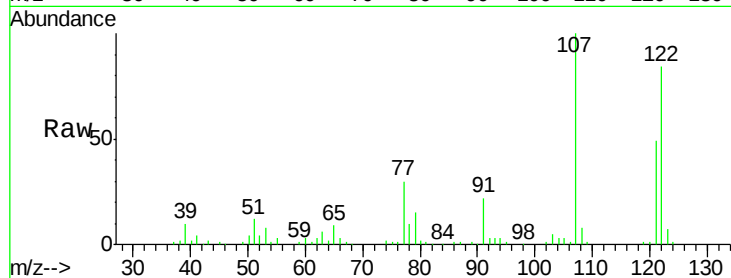
Tot Ion:122 Resp: 142634

Ion Ratio Lower Upper

122 100

107 119.4 95.2 142.8

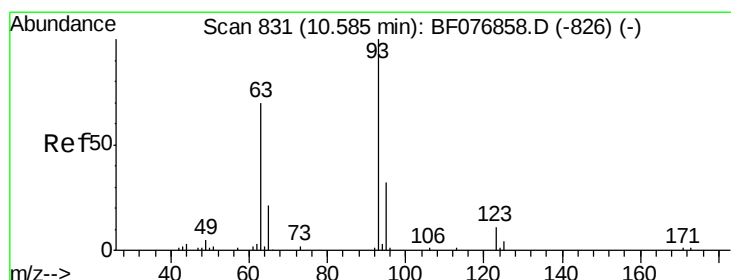
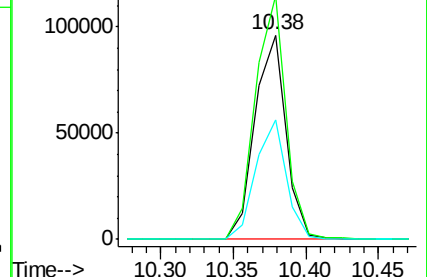
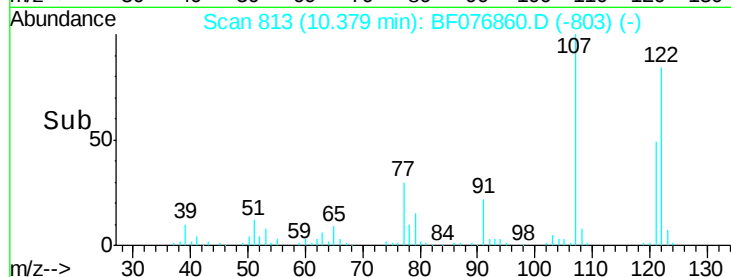
121 58.4 42.9 64.3



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: 58.18 ng

RT: 10.58 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

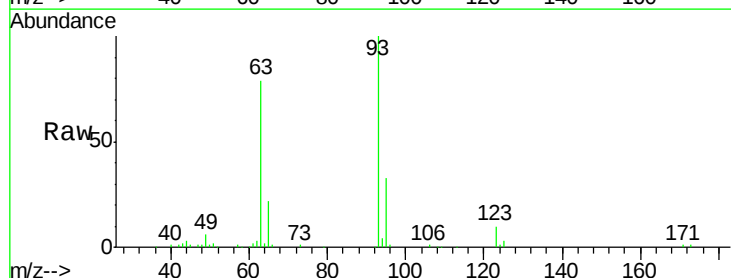
Tgt Ion: 93 Resp: 177827

Ion Ratio Lower Upper

93 100

95 33.0 25.6 38.4

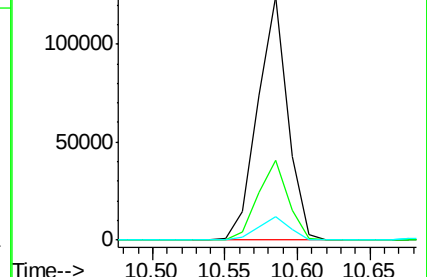
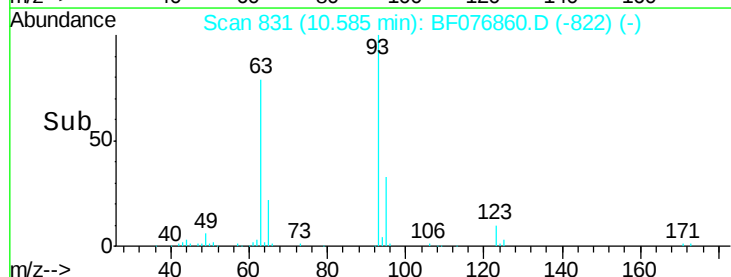
123 9.7 8.9 13.3

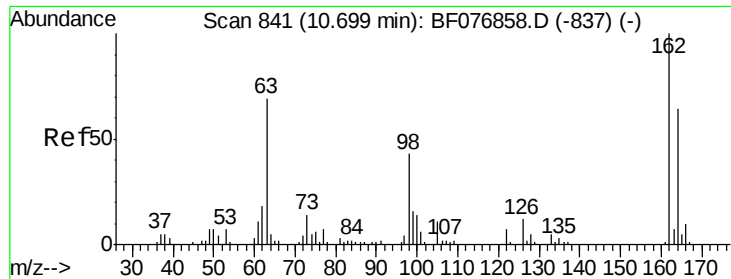


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

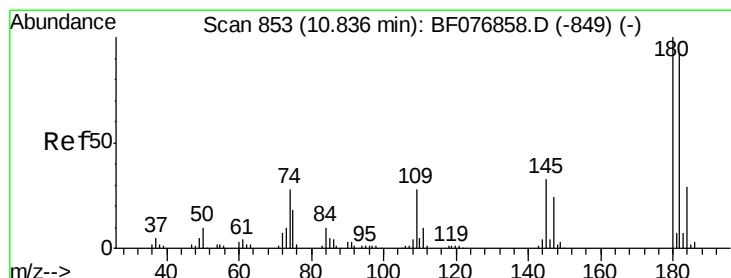
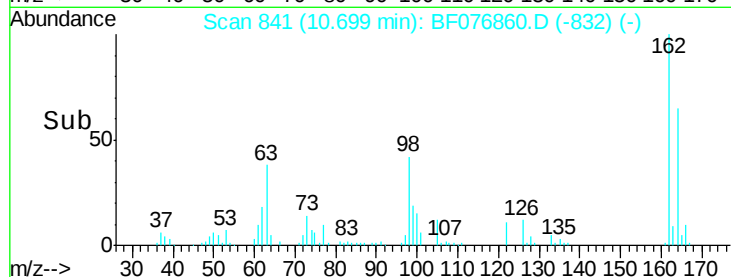
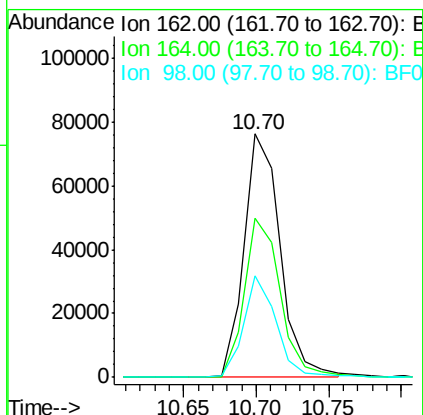
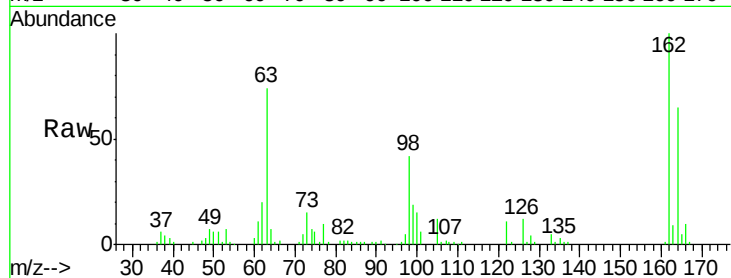




#29
 2,4-Dichlorophenol
 Concen: 62.50 ng
 RT: 10.70 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

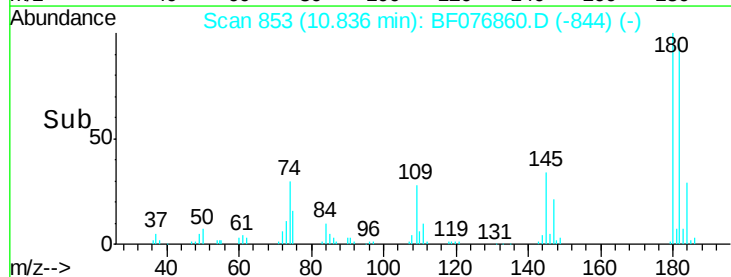
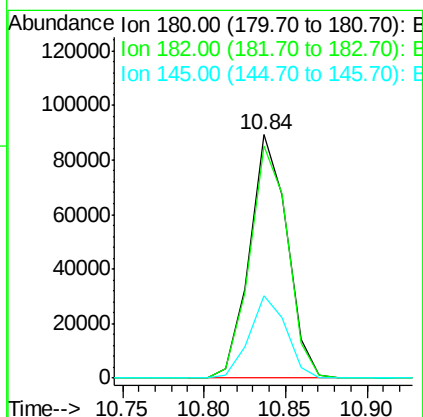
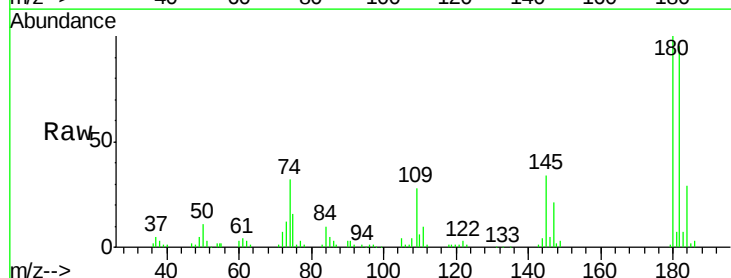
Instrument :
 BNA_F
 ClientSampled :

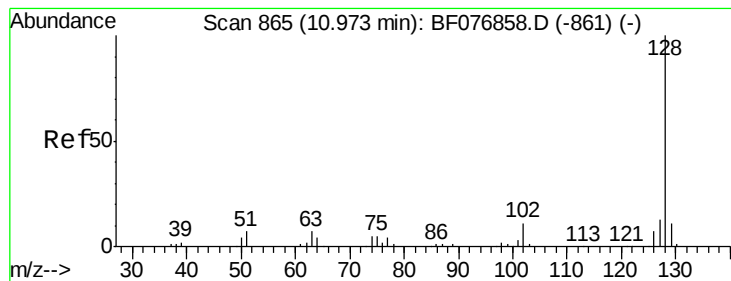
Tot Ion:162 Resp: 132243
 Ion Ratio Lower Upper
 162 100
 164 65.4 43.8 83.8
 98 41.9 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 59.34 ng
 RT: 10.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:180 Resp: 142617
 Ion Ratio Lower Upper
 180 100
 182 95.4 73.6 110.4
 145 33.6 26.6 39.8





#31

Naphthalene

Concen: 59.32 ng

RT: 10.98 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampleId :

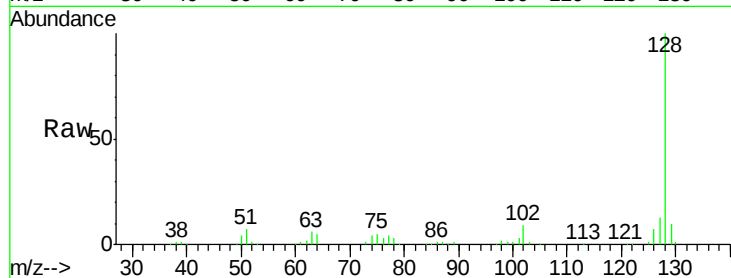
Tot Ion:128 Resp: 483688

Ion Ratio Lower Upper

128 100

129 10.2 9.0 13.6

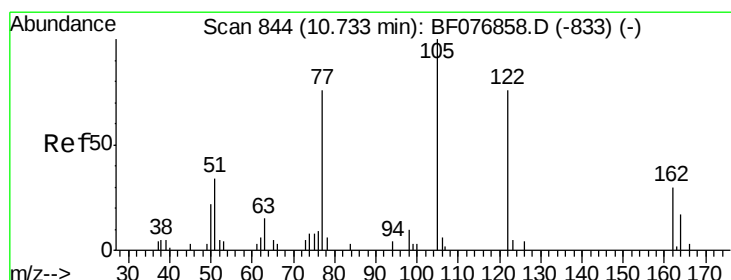
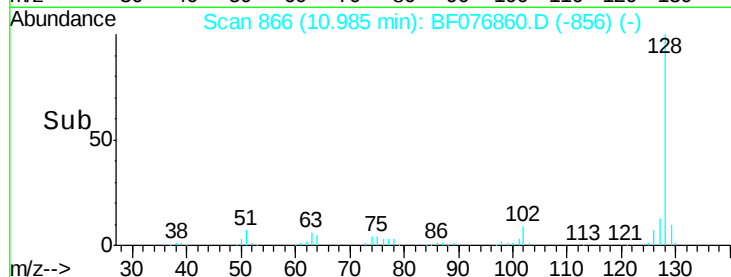
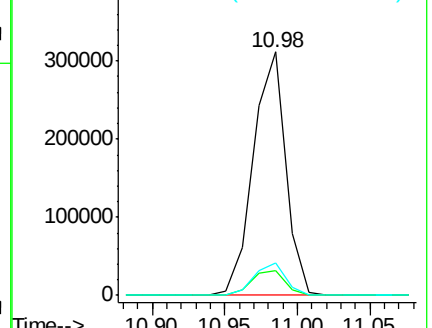
127 13.2 10.2 15.2



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: 34.00 ng

RT: 10.77 min Scan# 847

Delta R.T. 0.03 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

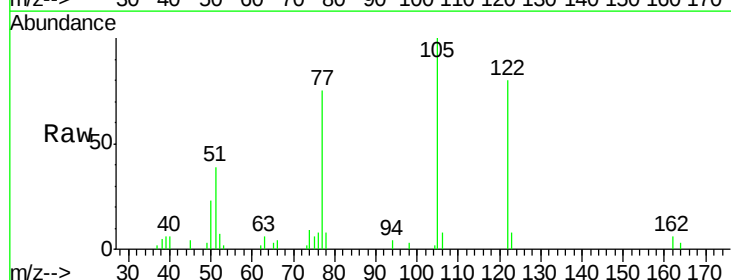
Tgt Ion:122 Resp: 38809

Ion Ratio Lower Upper

122 100

105 124.3 111.3 151.3

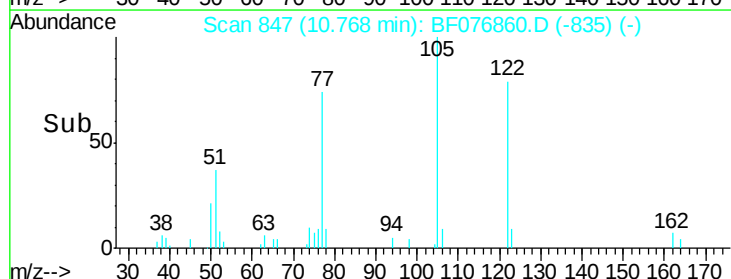
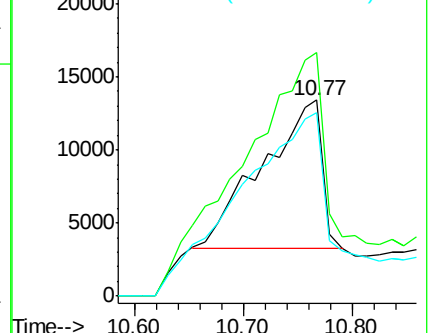
77 93.5 79.2 119.2



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

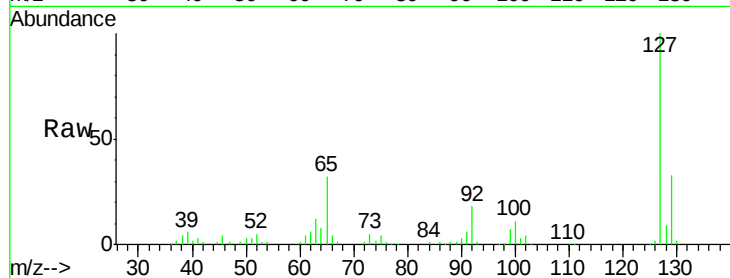




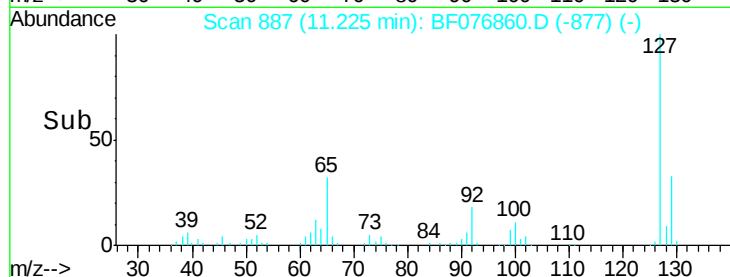
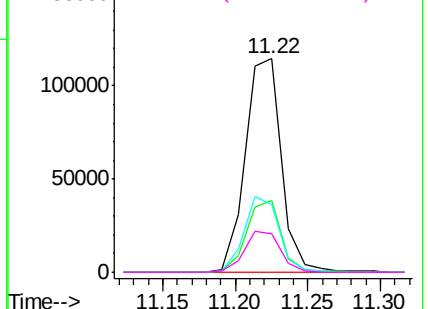
#33
4-Chloroaniline
Concen: 61.85 ng
RT: 11.22 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 197777
Ion Ratio Lower Upper
127 100
129 33.4 25.3 37.9
65 32.0 27.8 41.6
92 18.0 16.5 24.7

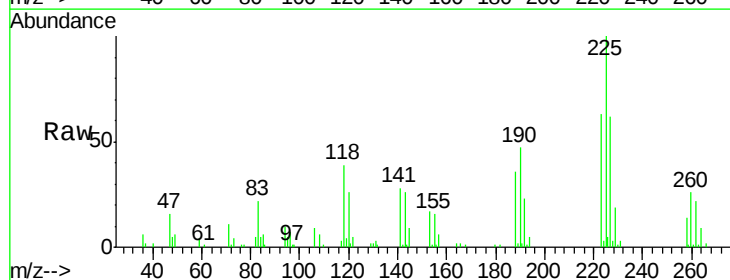


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

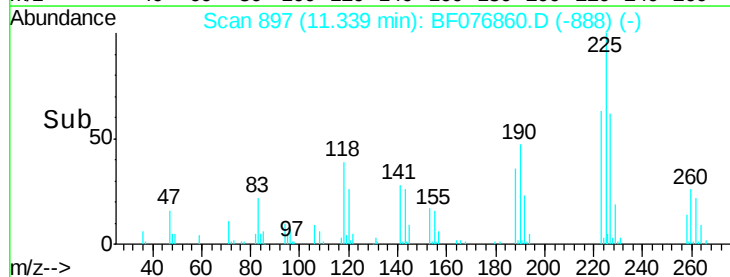
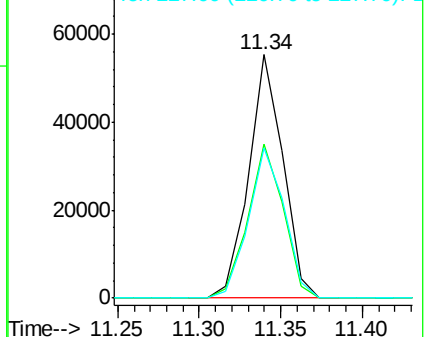


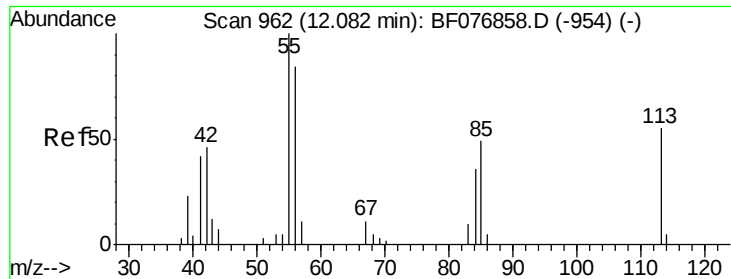
#34
Hexachlorobutadiene
Concen: 58.51 ng
RT: 11.34 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:225 Resp: 80703
Ion Ratio Lower Upper
225 100
223 63.1 49.1 73.7
227 61.7 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

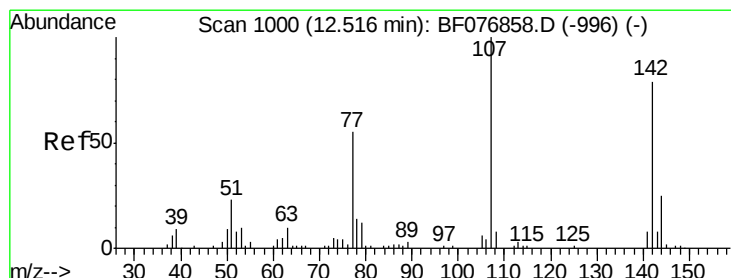
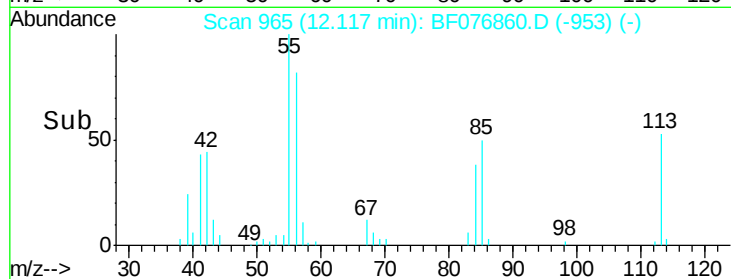
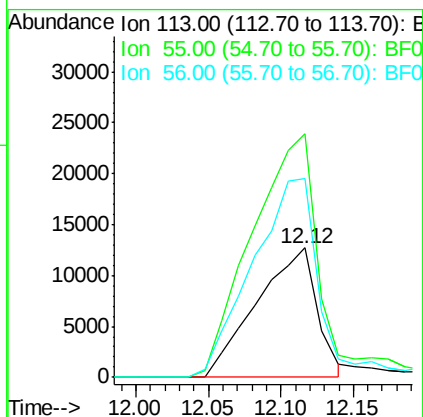
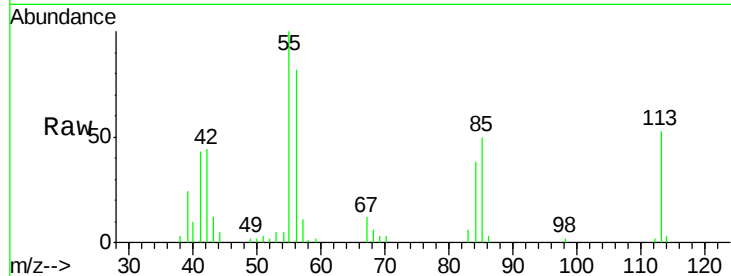




#35
 Caprolactam
 Concen: 57.62 ng
 RT: 12.12 min Scan# 965
 Delta R.T. 0.03 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

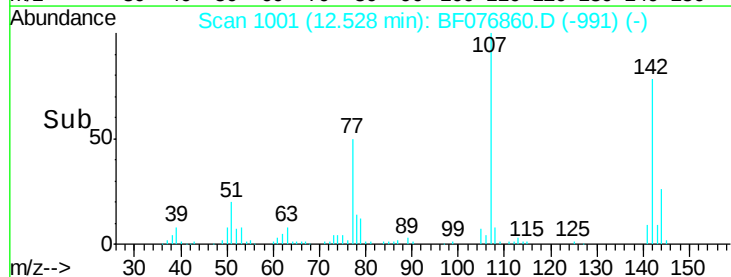
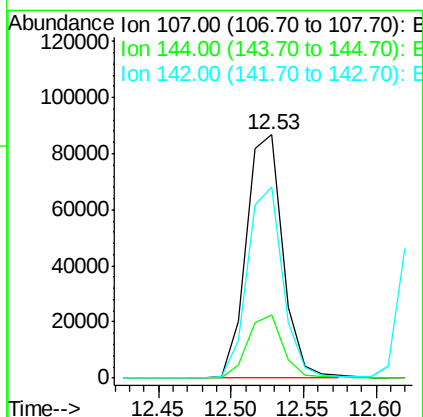
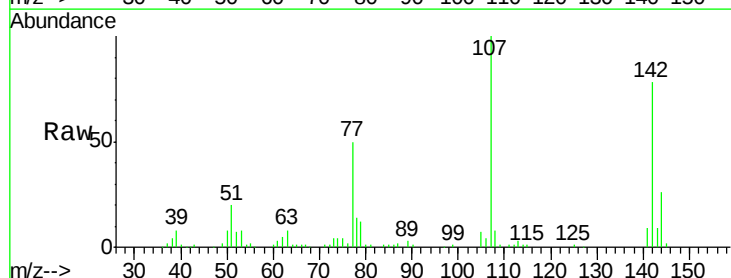
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 36652
 Ion Ratio Lower Upper
 113 100
 55 187.9 162.1 202.1
 56 153.7 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 64.41 ng
 RT: 12.53 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:107 Resp: 151824
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.0 30.0
 142 78.4 63.5 95.3

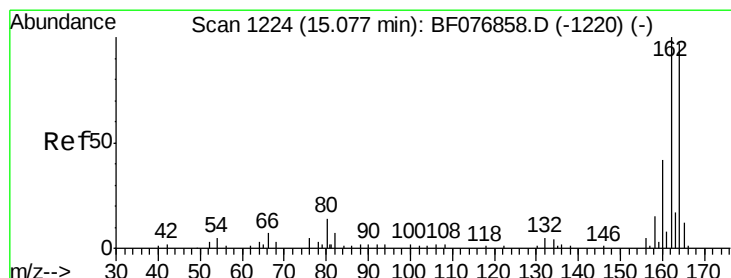
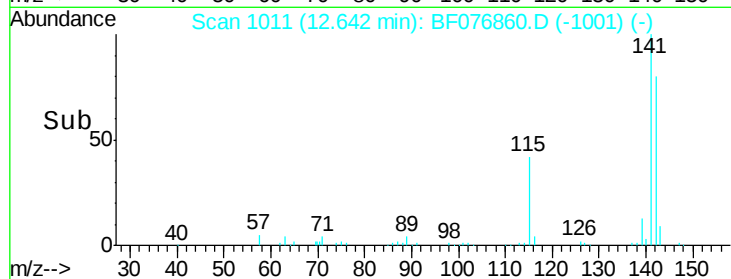
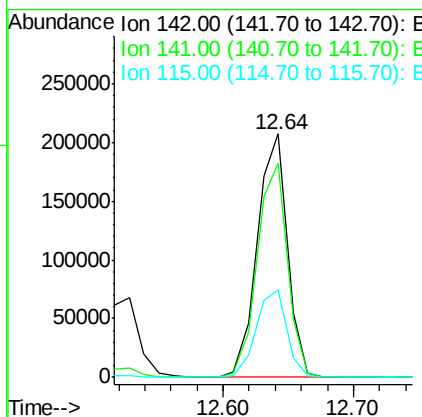
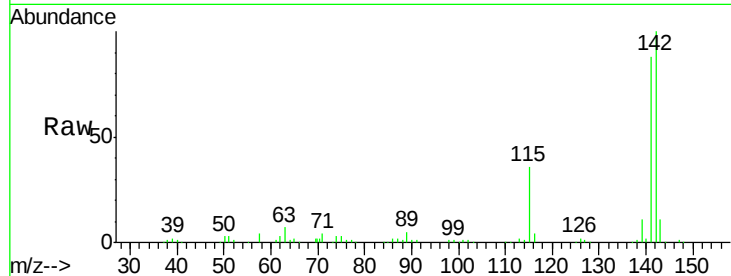




#37
 2-Methylnaphthalene
 Concen: 58.56 ng
 RT: 12.64 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

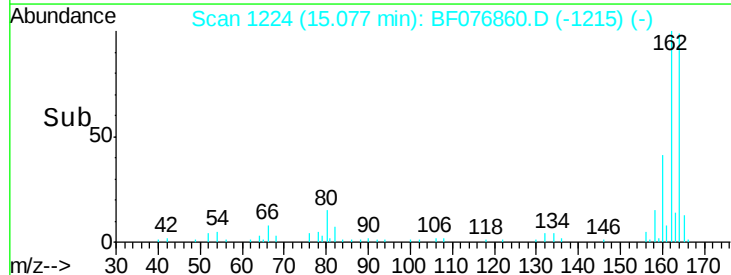
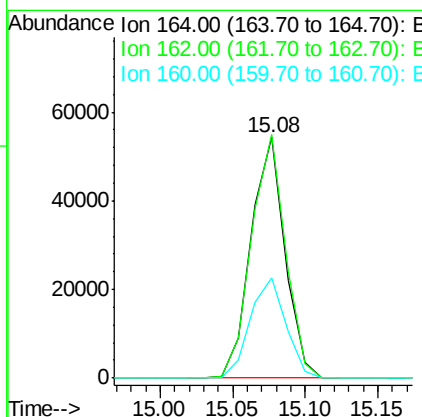
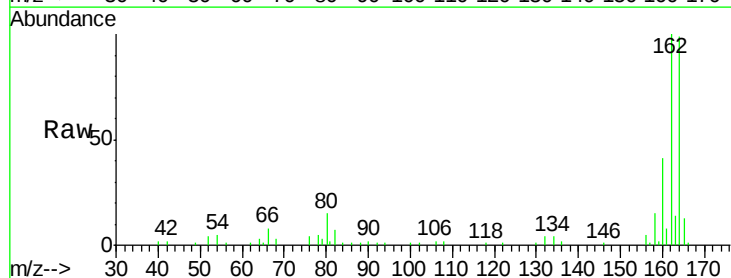
Instrument :
 BNA_F
 ClientSampled :

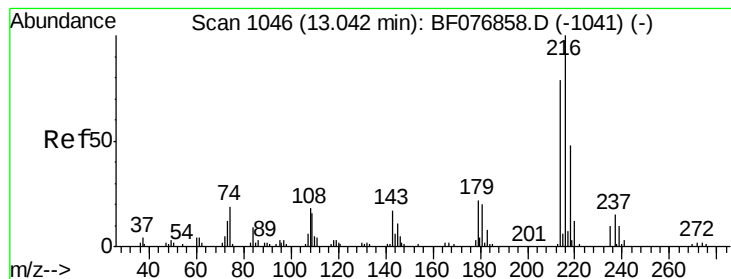
Tot Ion:142 Resp: 333078
 Ion Ratio Lower Upper
 142 100
 141 88.2 74.5 111.7
 115 36.0 29.7 44.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.08 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:164 Resp: 88138
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.4 123.6
 160 41.9 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 59.39 ng

RT: 13.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 129232

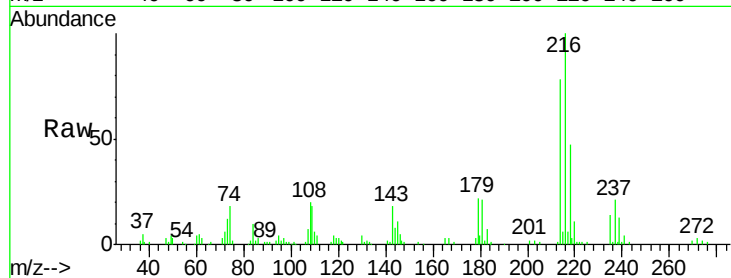
Ion Ratio Lower Upper

216 100

214 79.2 64.9 97.3

179 23.3 18.6 28.0

108 22.9 18.1 27.1

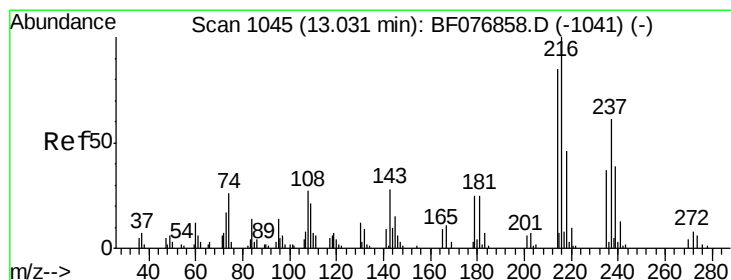
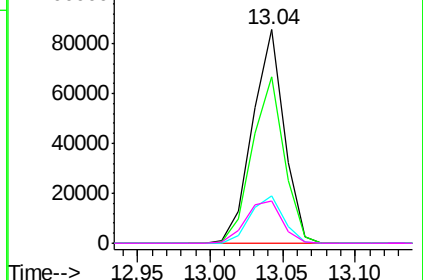
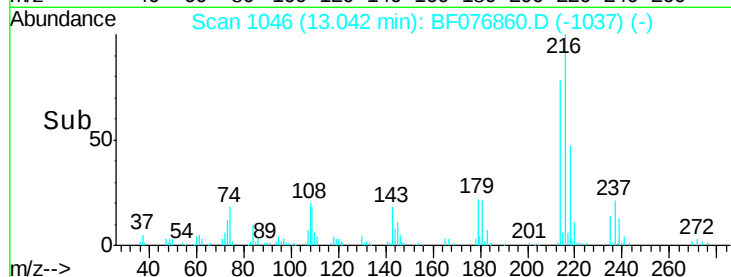


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.29 ng

RT: 13.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

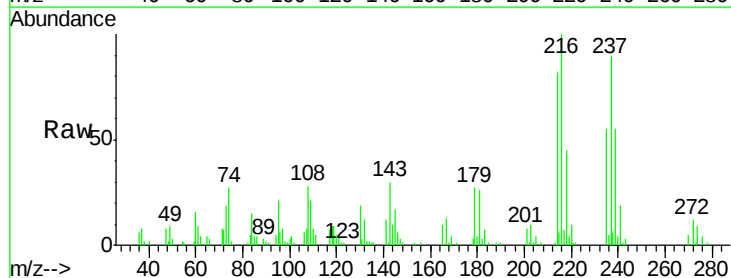
Tgt Ion:237 Resp: 68314

Ion Ratio Lower Upper

237 100

235 61.5 40.4 80.4

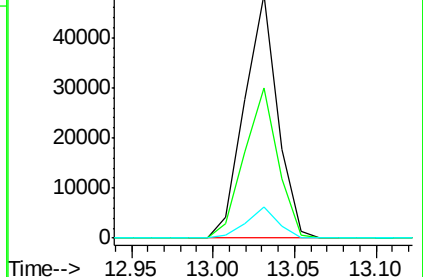
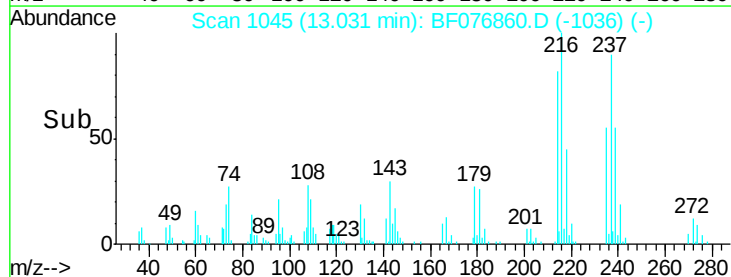
272 12.9 0.0 33.2



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

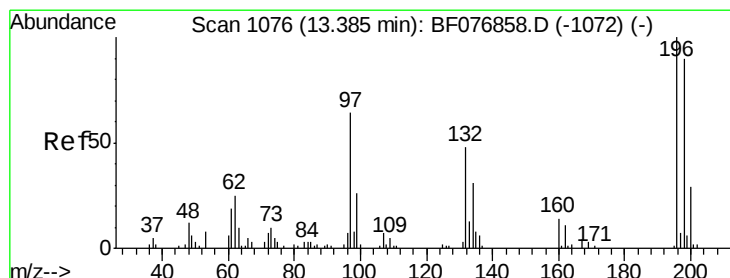
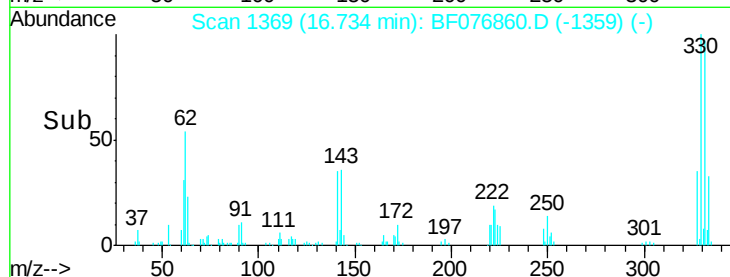
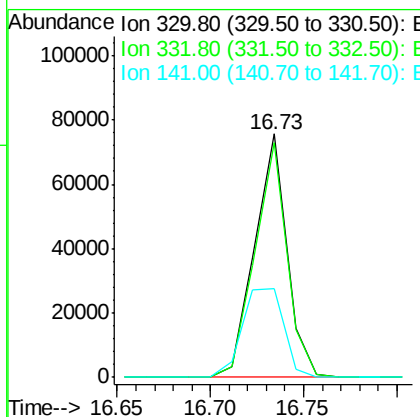
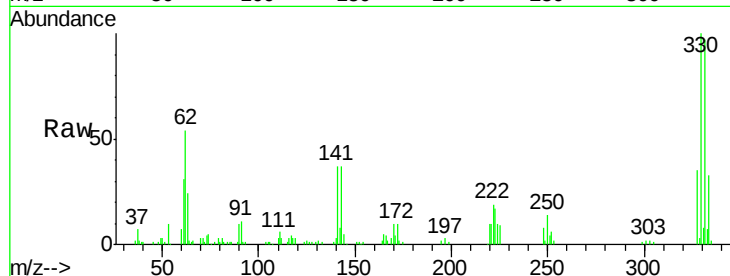




#41
 2,4,6-Tribromophenol
 Concen: 123.73 ng
 RT: 16.73 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

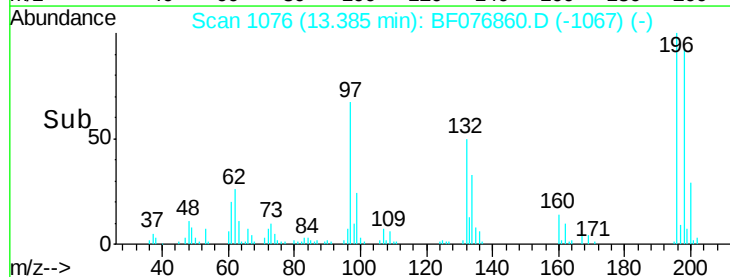
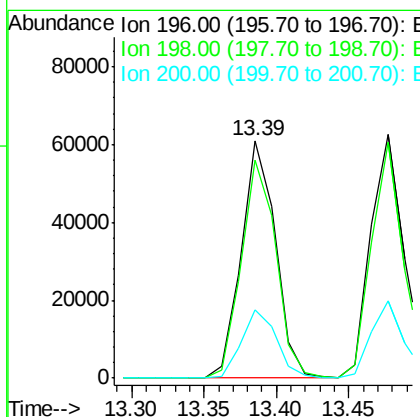
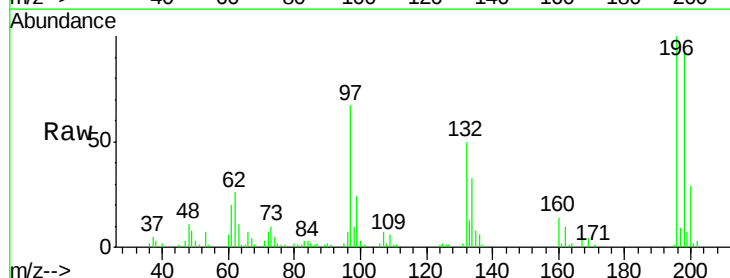
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 90699
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 47.3 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 62.94 ng
 RT: 13.39 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:196 Resp: 99784
 Ion Ratio Lower Upper
 196 100
 198 91.9 72.0 108.0
 200 29.0 23.4 35.2

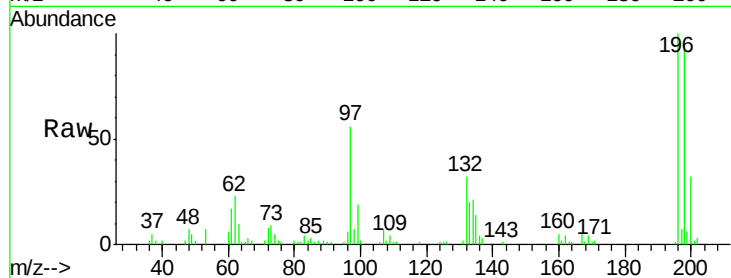




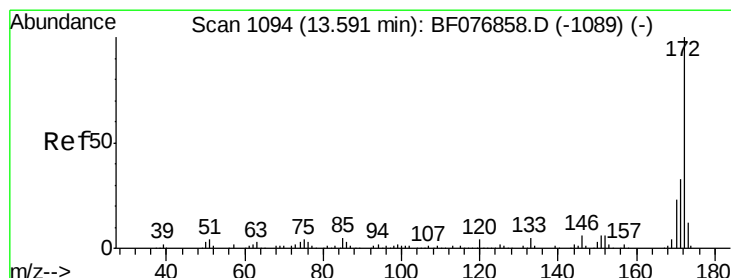
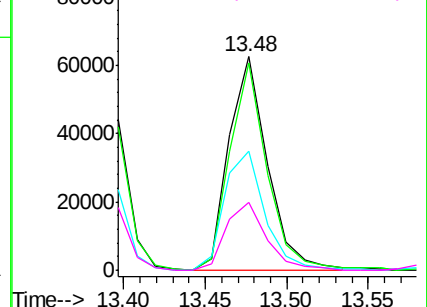
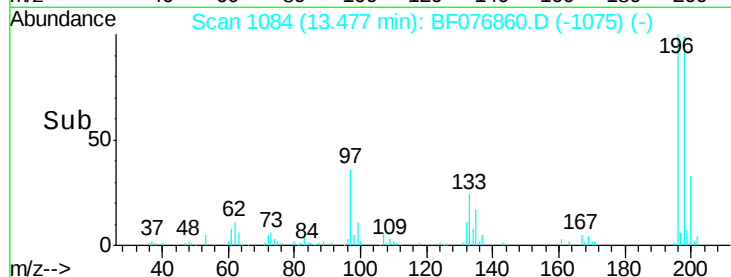
#43
 2,4,5-Trichlorophenol
 Concen: 61.85 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 102645
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.6 115.0
 97 56.0 43.4 65.0
 132 31.8 23.7 35.5

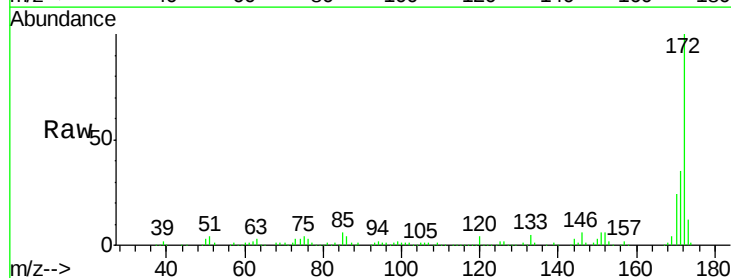


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

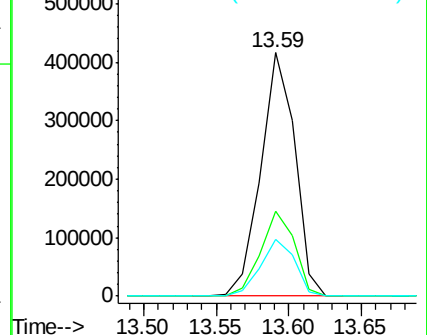
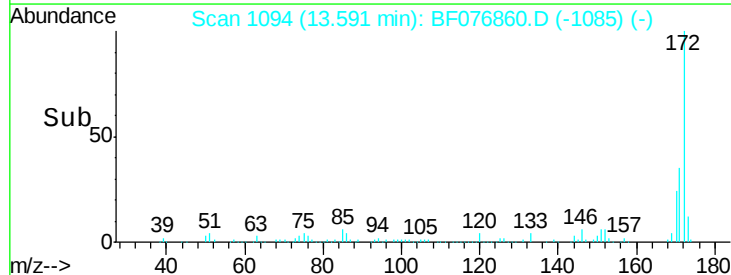


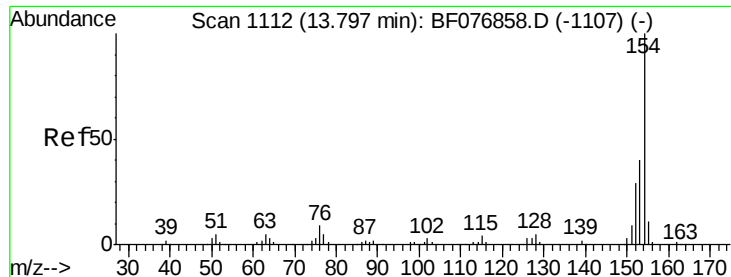
#44
 2-Fluorobiphenyl
 Concen: 114.19 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:172 Resp: 678988
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 40.0
 170 23.6 18.0 27.0



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

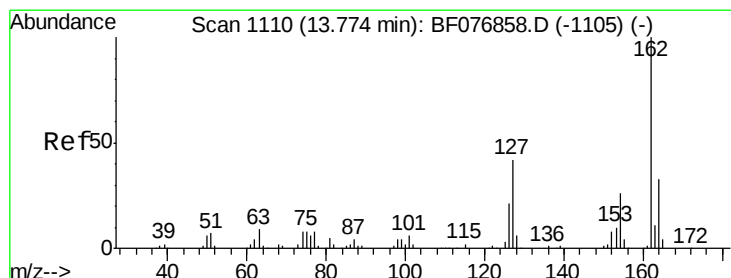
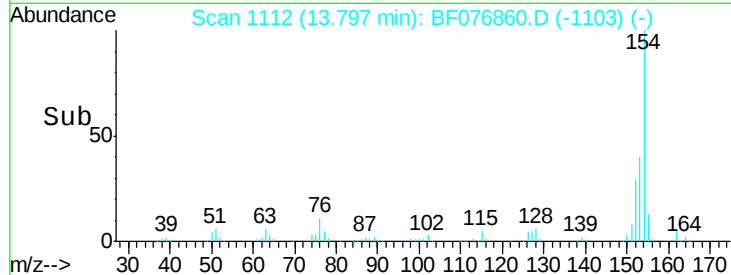
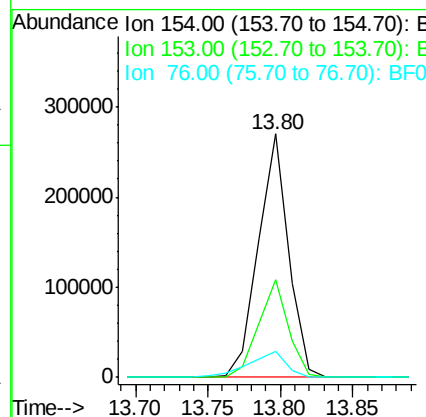
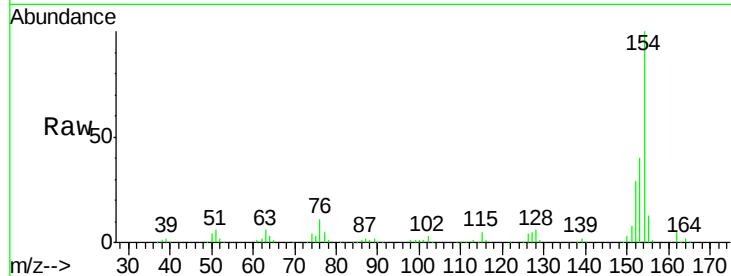




#45
 1,1'-Biphenyl
 Concen: 57.73 ng
 RT: 13.80 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

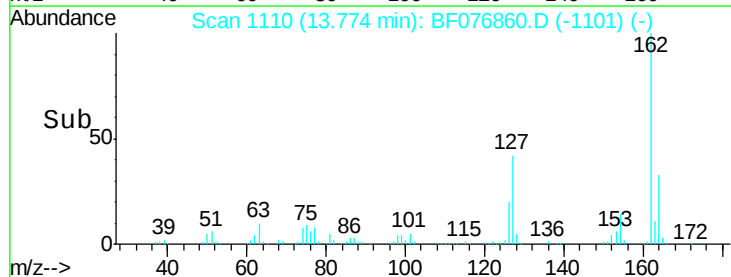
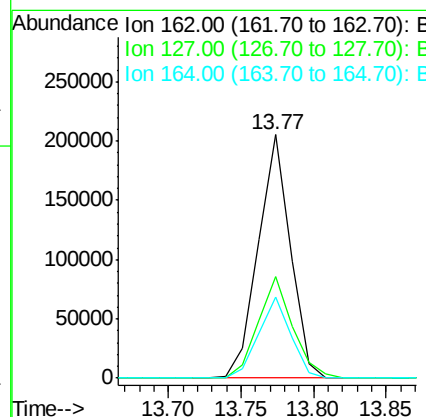
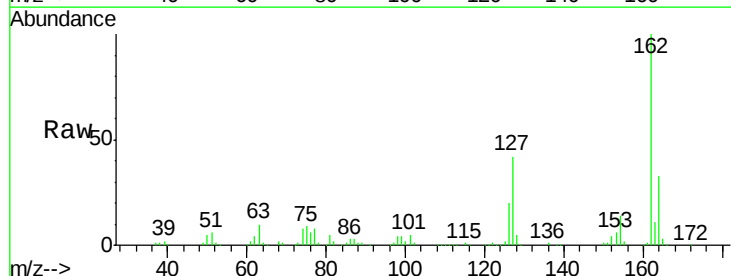
Instrument :
 BNA_F
 ClientSampleId :

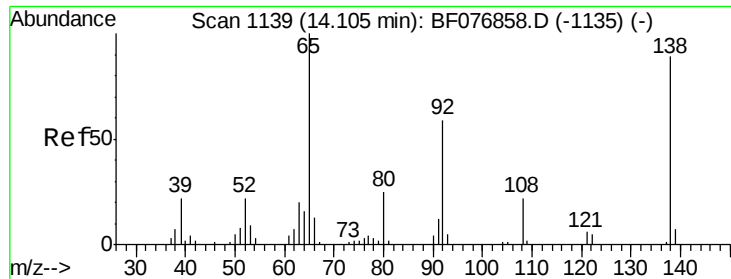
Tot Ion:154 Resp: 389725
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.2 60.2
 76 10.8 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 58.62 ng
 RT: 13.77 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:162 Resp: 316368
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.8 50.6
 164 33.0 26.8 40.2

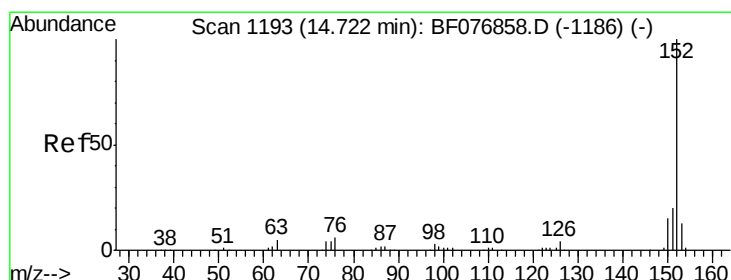
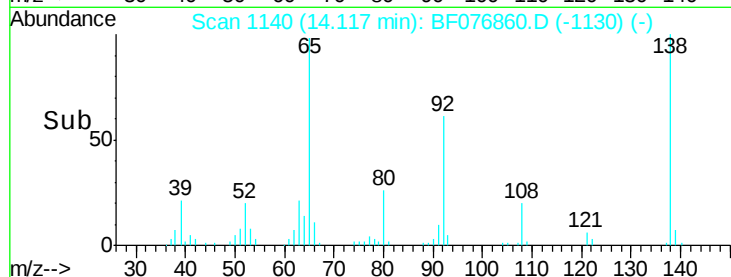
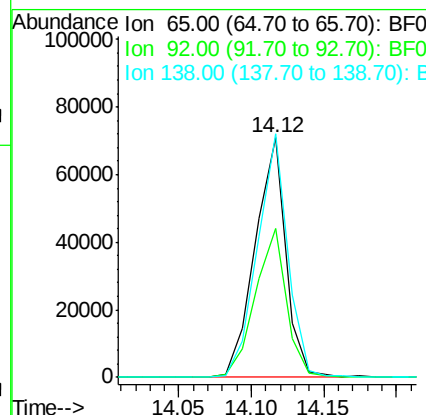
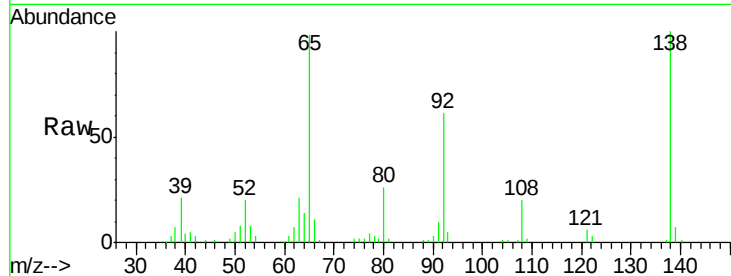




#47
2-Nitroaniline
Concen: 64.30 ng
RT: 14.12 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

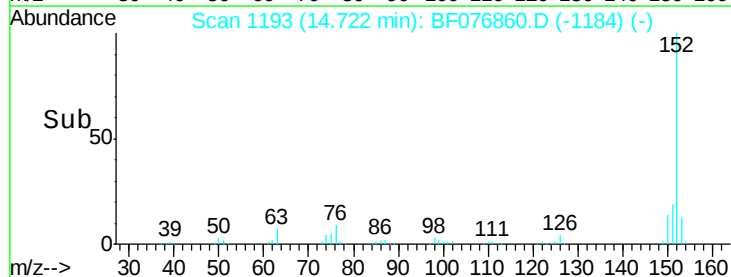
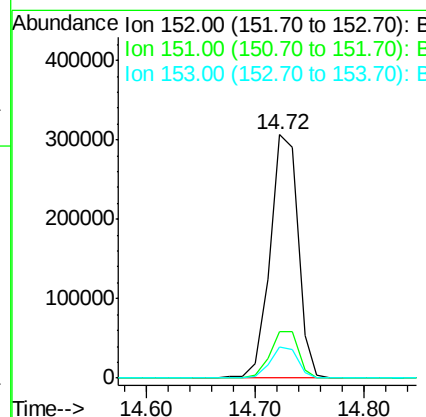
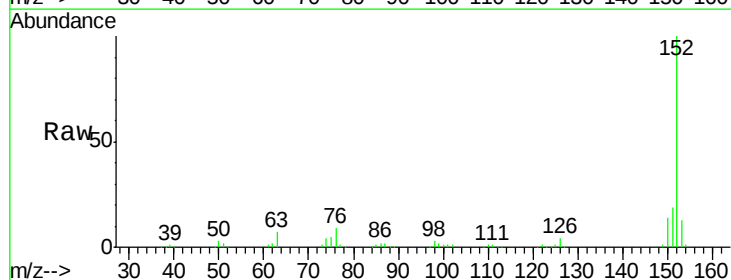
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 104495
Ion Ratio Lower Upper
65 100
92 62.0 47.3 70.9
138 101.7 71.4 107.2



#48
Acenaphthylene
Concen: 59.75 ng
RT: 14.72 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion: 152 Resp: 549747
Ion Ratio Lower Upper
152 100
151 19.1 15.9 23.9
153 12.8 10.2 15.4

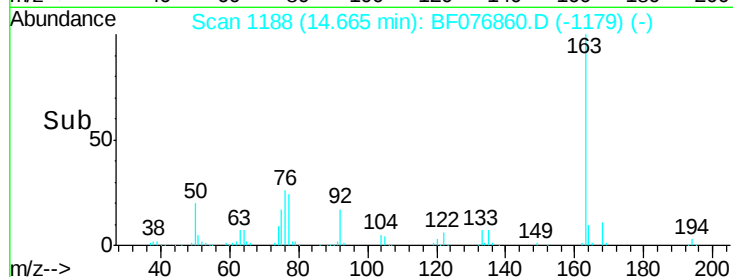
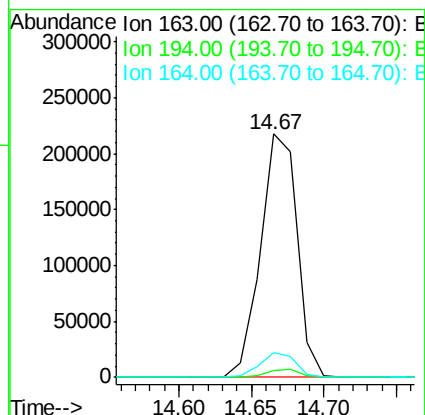
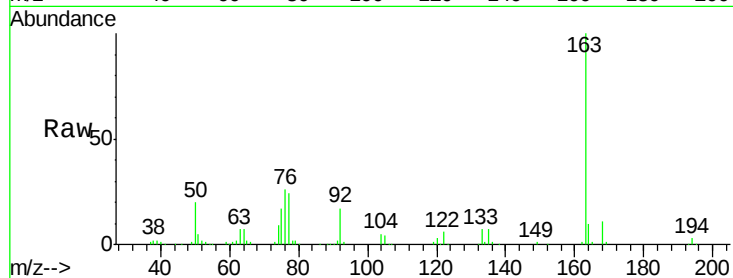




#49
Dimethylphthalate
Concen: 59.73 ng
RT: 14.67 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

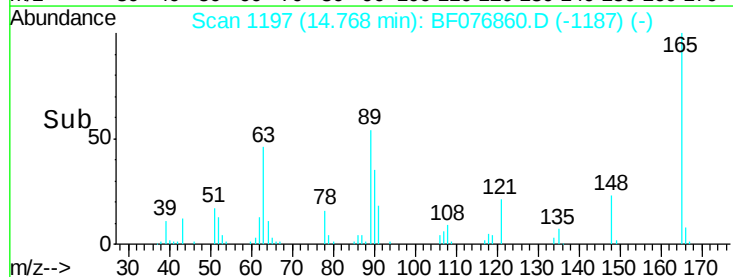
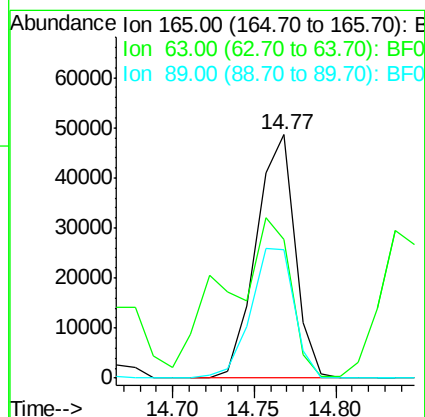
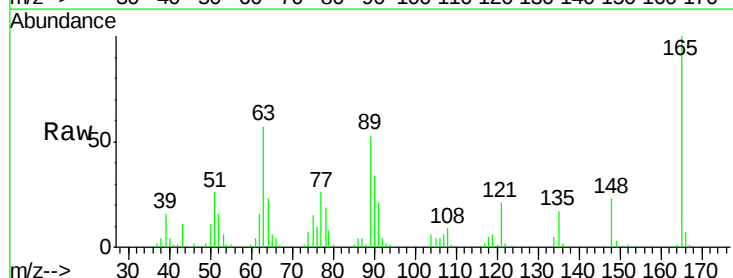
Instrument :
BNA_F
ClientSampleId :

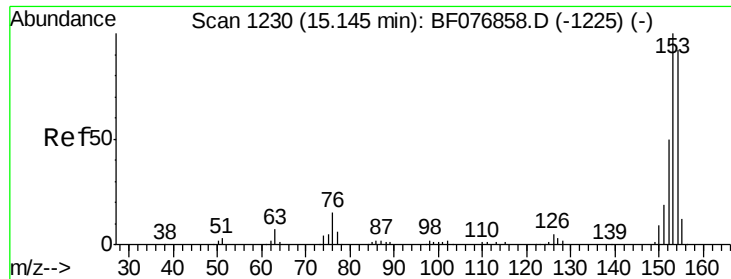
Tot Ion:163 Resp: 378686
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.3 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 59.43 ng
RT: 14.77 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:165 Resp: 80295
Ion Ratio Lower Upper
165 100
63 57.1 48.1 72.1
89 53.0 47.2 70.8

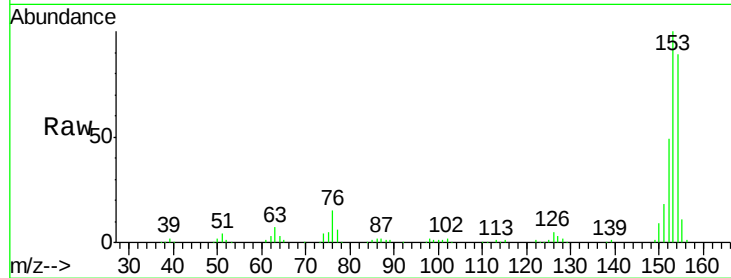




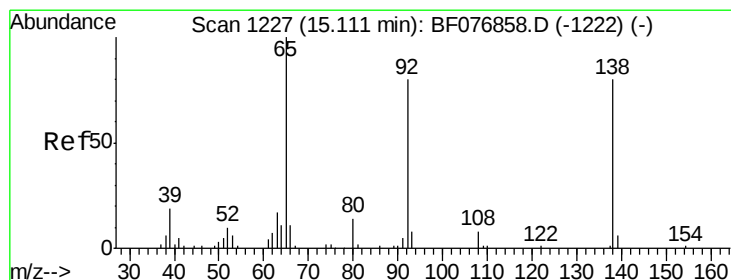
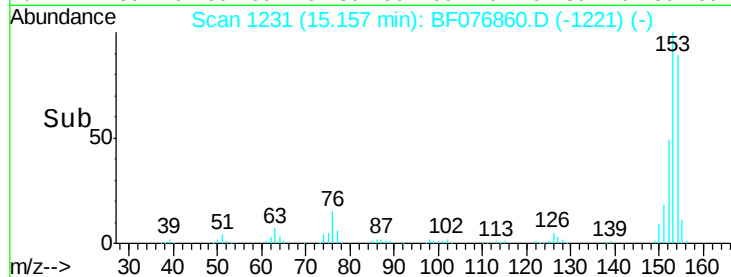
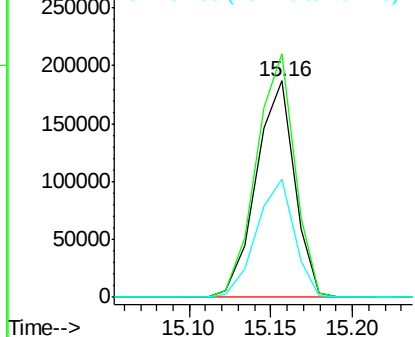
#51
Acenaphthene
Concen: 58.91 ng
RT: 15.16 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 305433
Ion Ratio Lower Upper
154 100
153 112.6 87.0 130.6
152 54.6 43.5 65.3

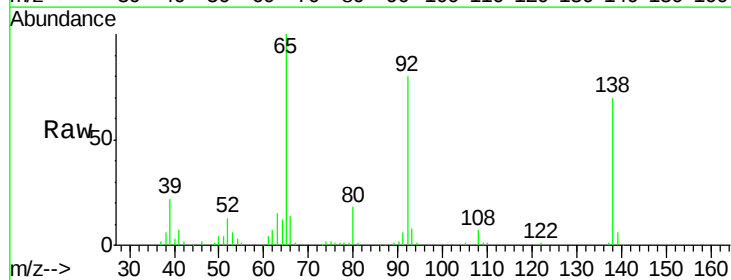


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

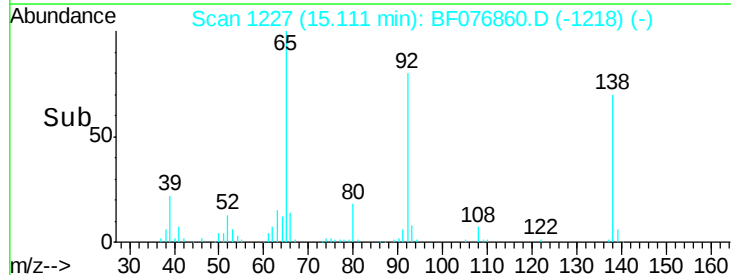
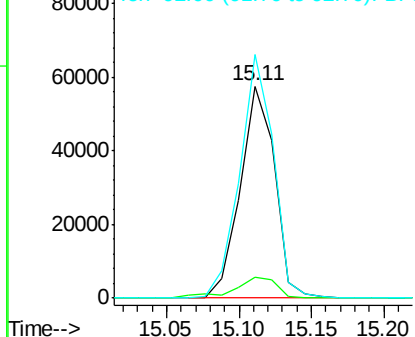


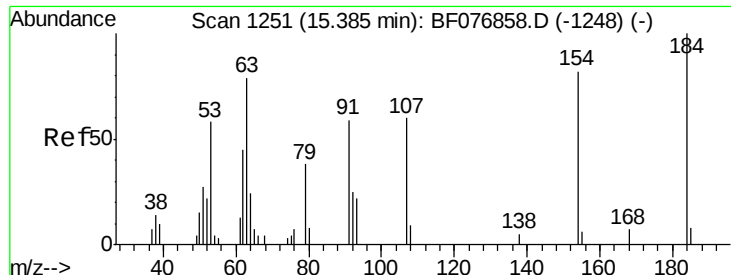
#52
3-Nitroaniline
Concen: 60.80 ng
RT: 15.11 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:138 Resp: 94977
Ion Ratio Lower Upper
138 100
108 9.6 8.3 12.5
92 114.9 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

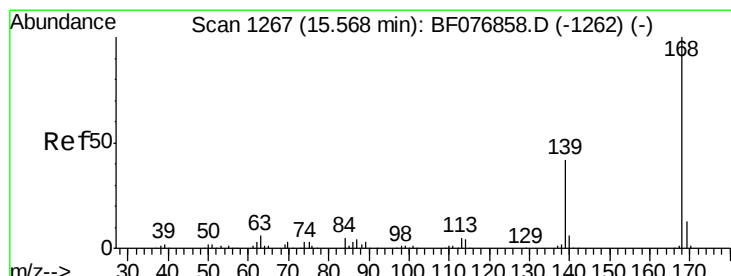
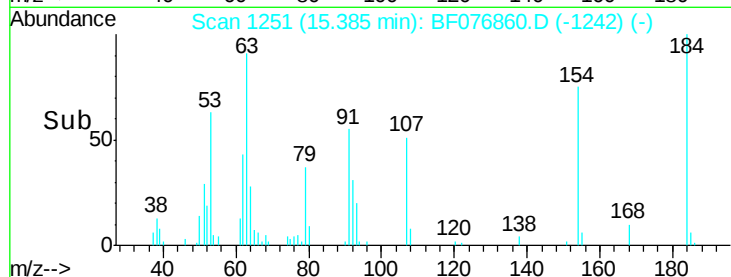
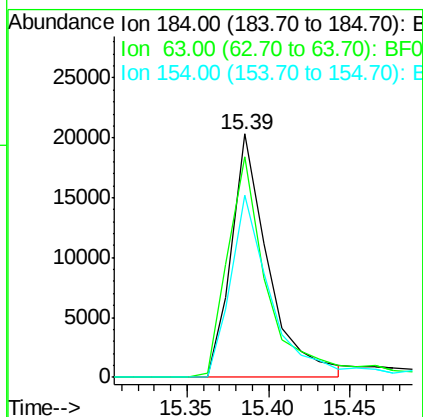
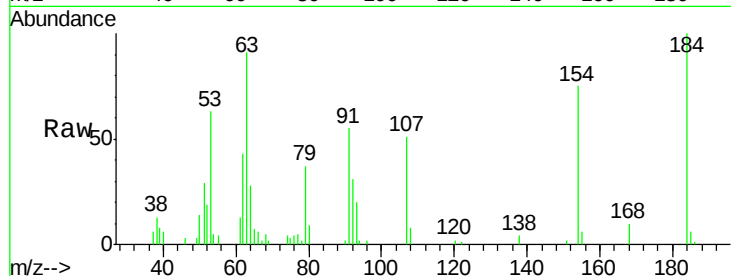




#53
 2,4-Dinitrophenol
 Concen: 90.44 ng
 RT: 15.39 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

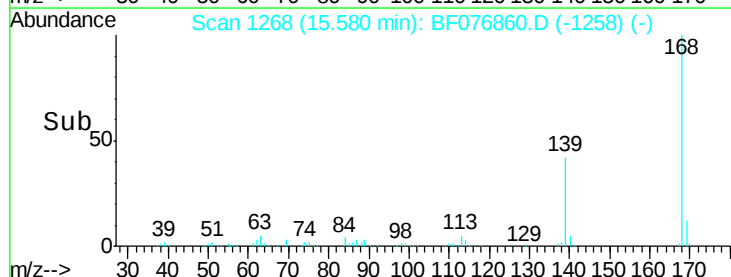
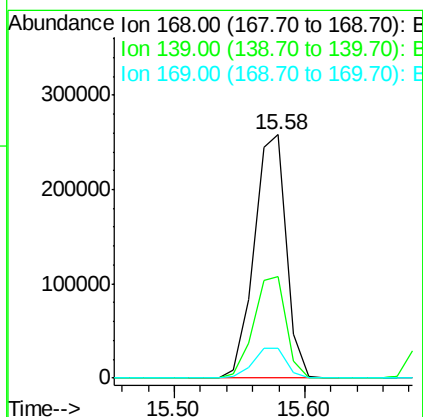
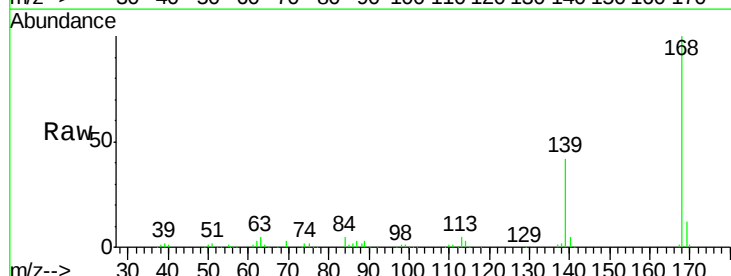
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 32079
 Ion Ratio Lower Upper
 184 100
 63 90.8 63.0 94.6
 154 75.0 65.5 98.3



#54
 Dibenzofuran
 Concen: 58.12 ng
 RT: 15.58 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:168 Resp: 441229
 Ion Ratio Lower Upper
 168 100
 139 41.7 33.4 50.2
 169 12.5 10.6 15.8

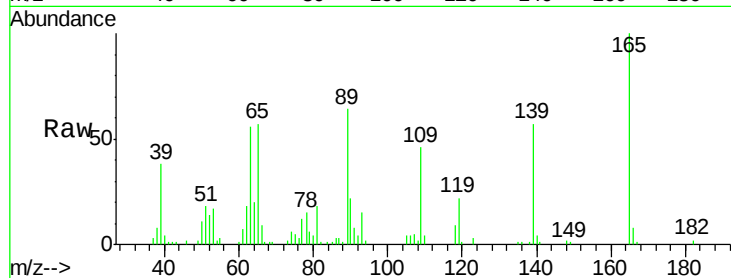




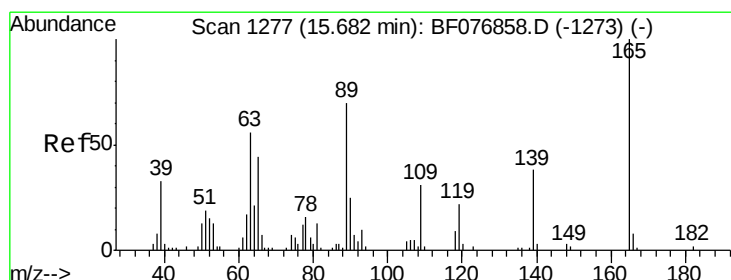
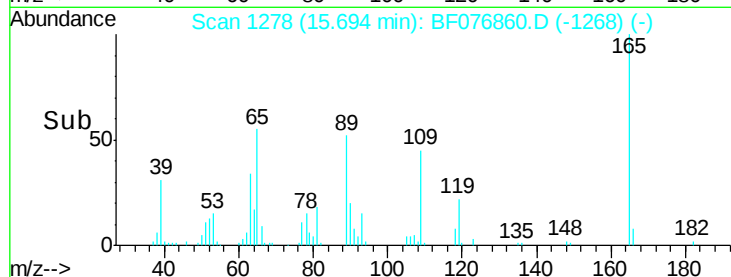
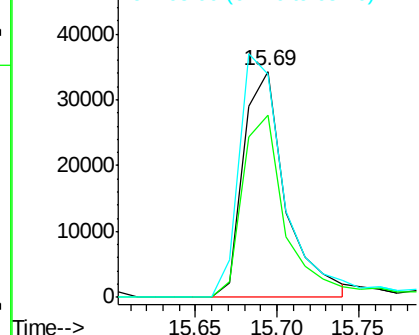
#55
4-Nitrophenol
Concen: 61.21 ng
RT: 15.69 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 61848
Ion Ratio Lower Upper
139 100
109 80.6 61.0 101.0
65 98.6 96.6 136.6

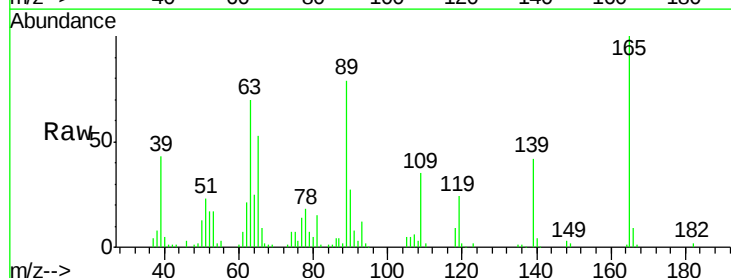


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

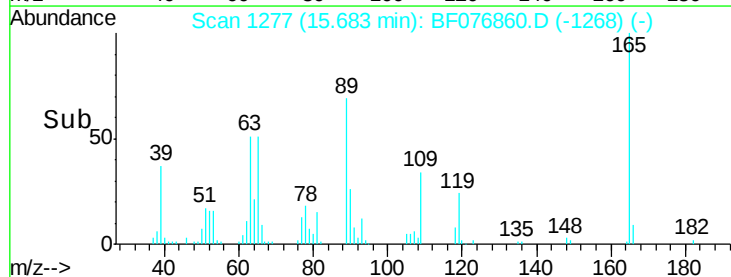
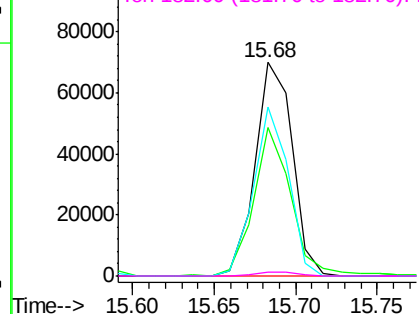


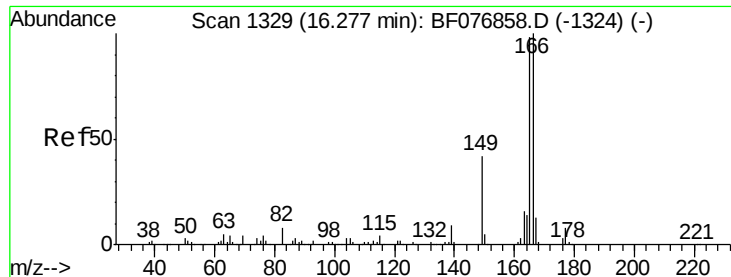
#56
2,4-Dinitrotoluene
Concen: 64.27 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:165 Resp: 110895
Ion Ratio Lower Upper
165 100
63 69.6 44.8 67.2#
89 79.1 56.2 84.2
182 2.0 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

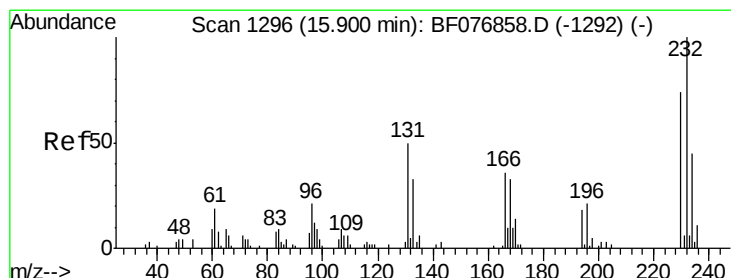
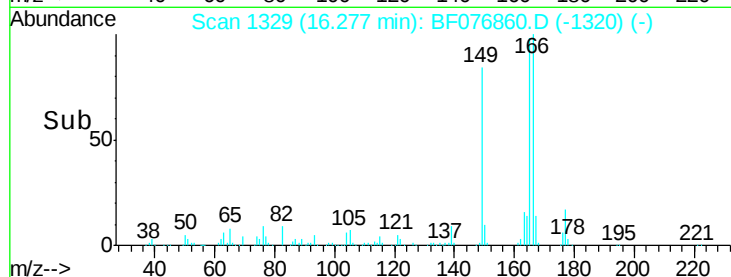
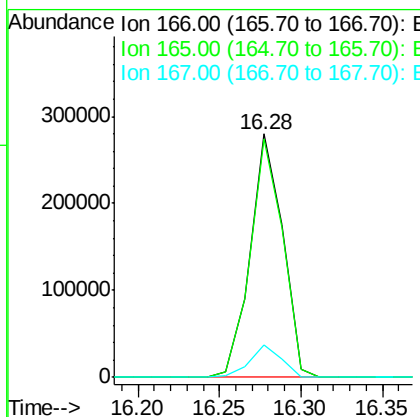
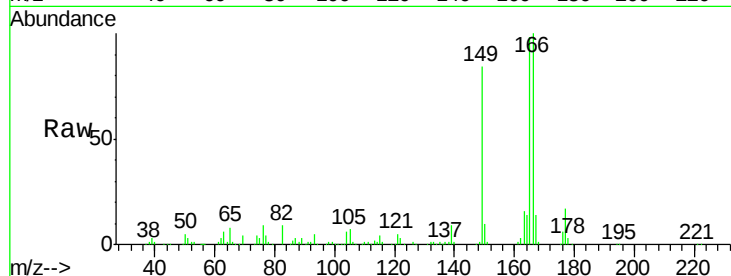




#57
 Fluorene
 Concen: 60.85 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

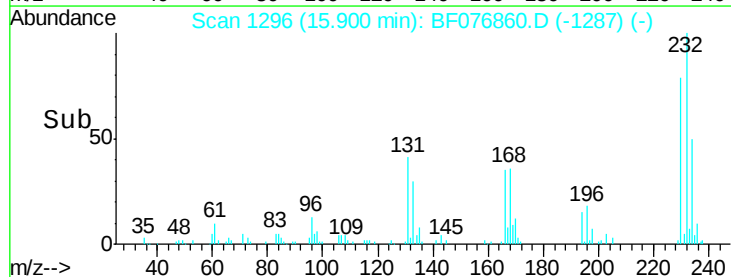
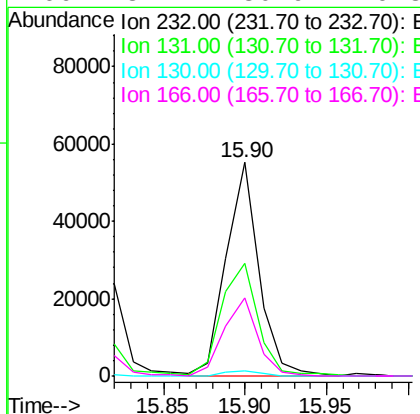
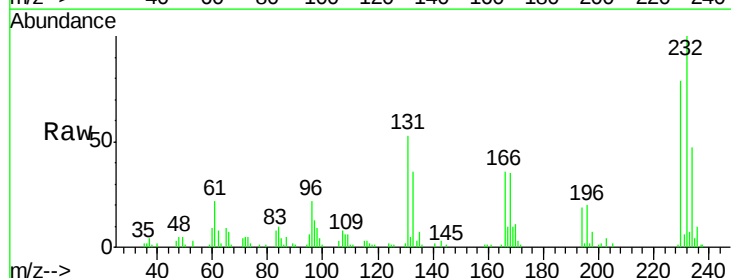
Instrument :
 BNA_F
 ClientSampleId :

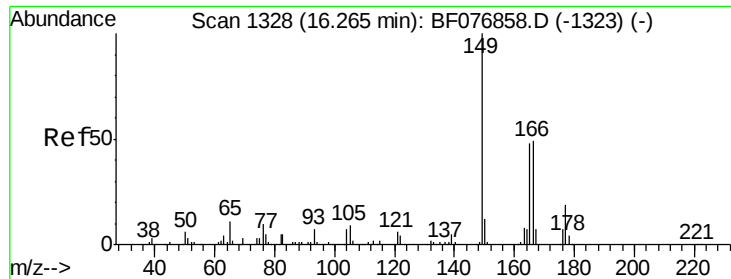
Tot Ion:166 Resp: 385896
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.5 117.7
 167 13.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 63.55 ng
 RT: 15.90 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:232 Resp: 76707
 Ion Ratio Lower Upper
 232 100
 131 56.9 45.0 67.6
 130 2.6 2.6 3.8
 166 37.7 30.9 46.3

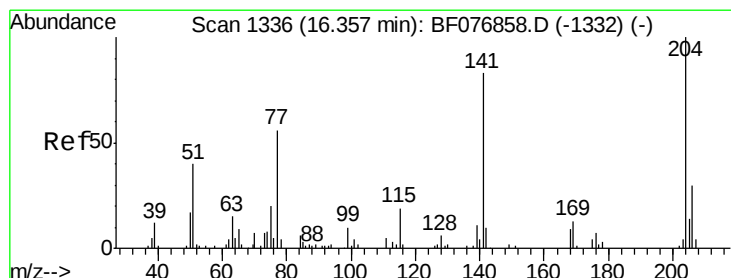
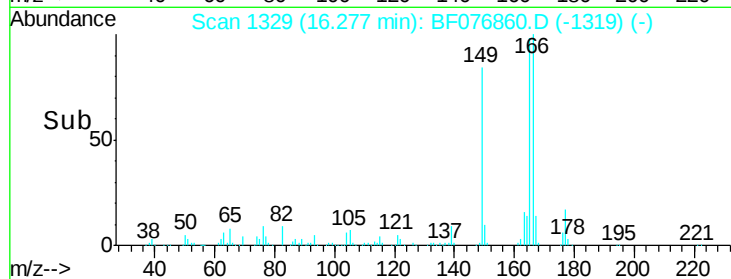
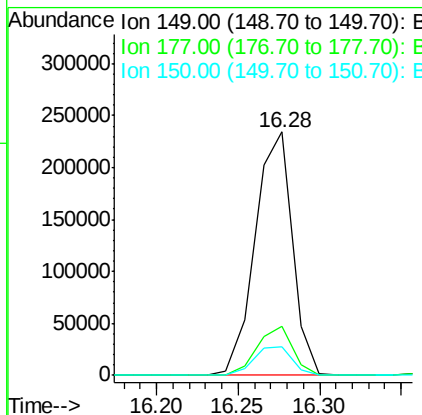
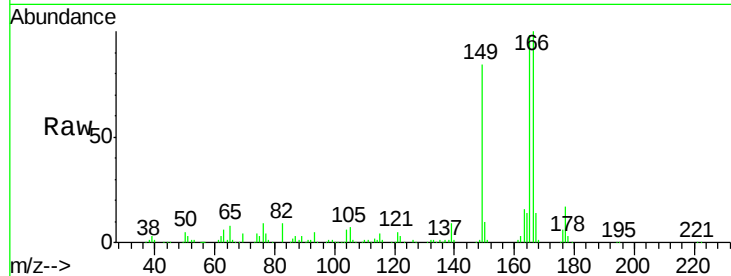




#59
Diethylphthalate
Concen: 57.38 ng
RT: 16.28 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

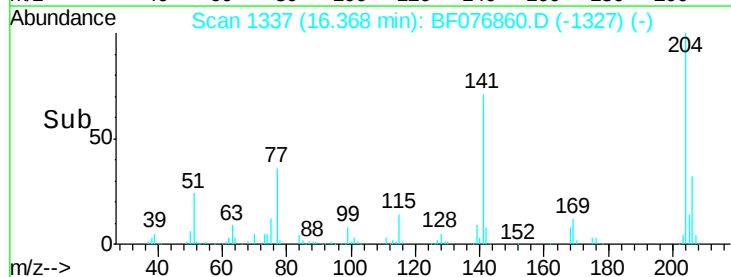
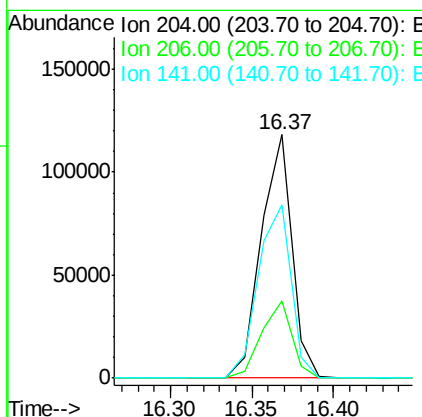
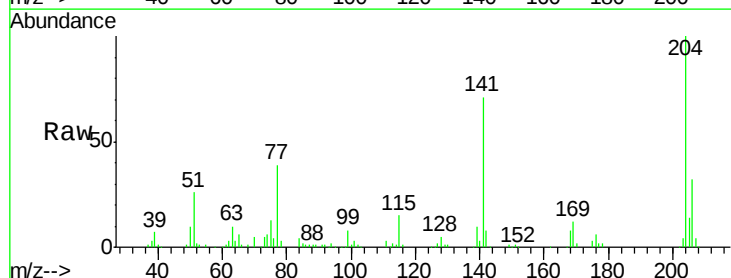
Instrument :
BNA_F
ClientSampleId :

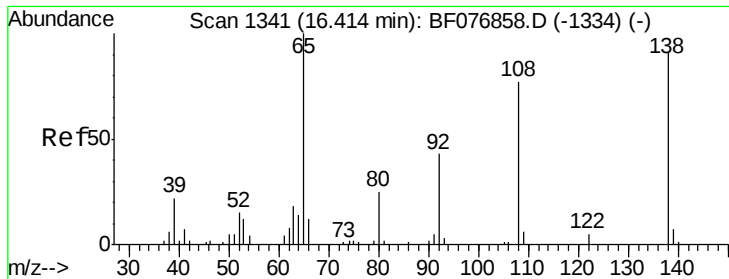
Tot Ion:149 Resp: 373626
Ion Ratio Lower Upper
149 100
177 20.4 15.0 22.6
150 11.9 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 57.43 ng
RT: 16.37 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:204 Resp: 155532
Ion Ratio Lower Upper
204 100
206 31.7 24.2 36.2
141 71.1 66.7 100.1

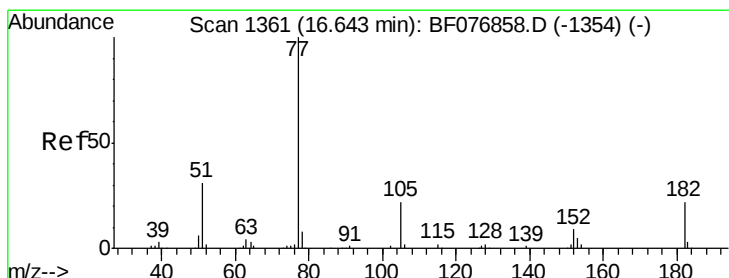
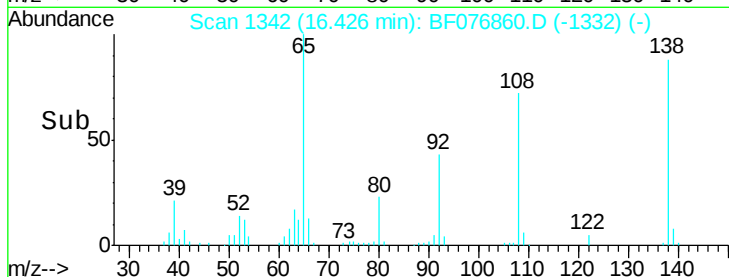
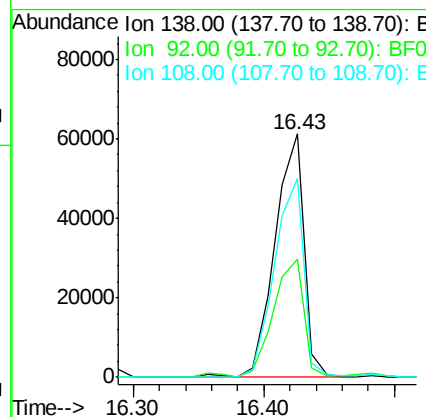
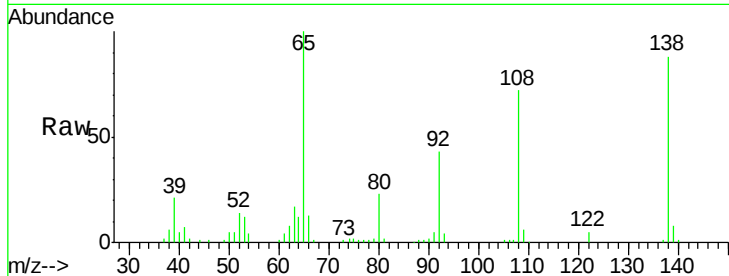




#61
4-Nitroaniline
Concen: 67.08 ng
RT: 16.43 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

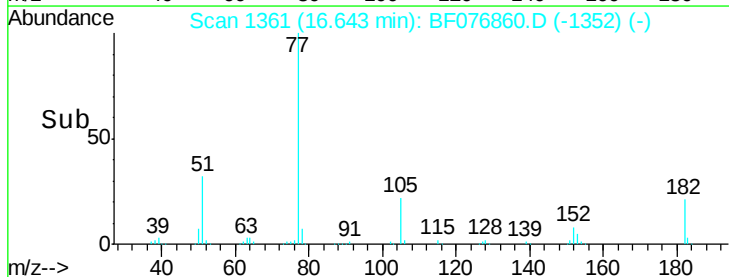
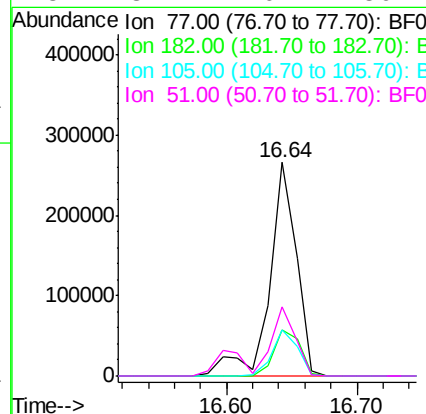
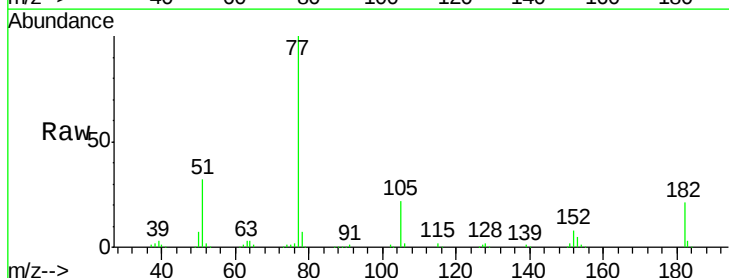
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 96060
Ion Ratio Lower Upper
138 100
92 48.8 26.7 66.7
108 81.6 64.5 104.5



#62
Azobenzene
Concen: 57.76 ng
RT: 16.64 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion: 77 Resp: 387205
Ion Ratio Lower Upper
77 100
182 21.5 2.0 42.0
105 21.7 2.3 42.3
51 32.2 10.7 50.7

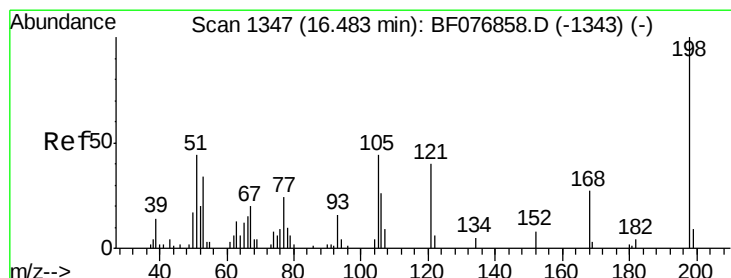
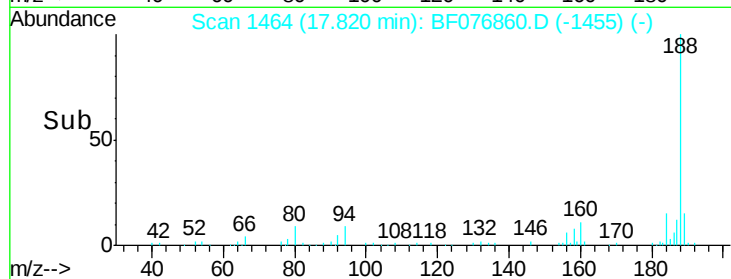
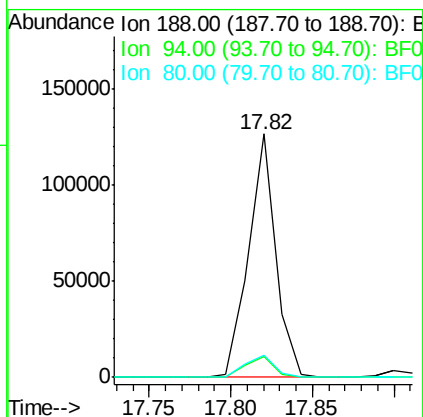
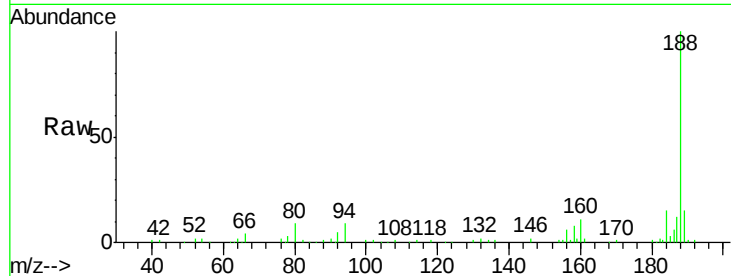




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

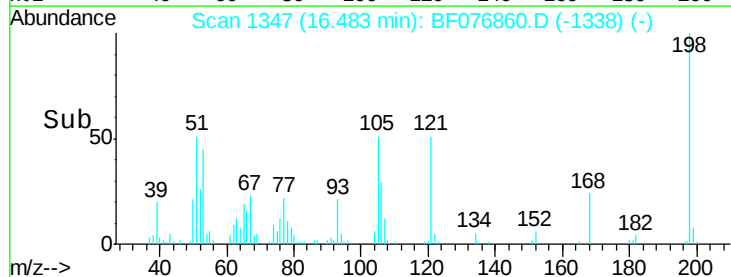
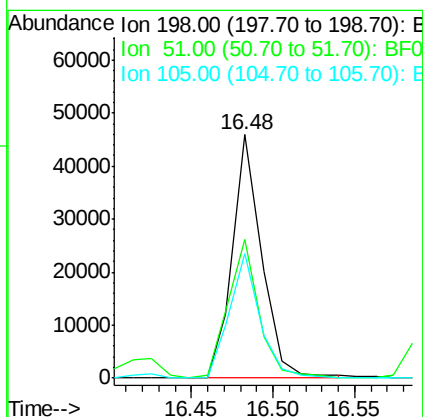
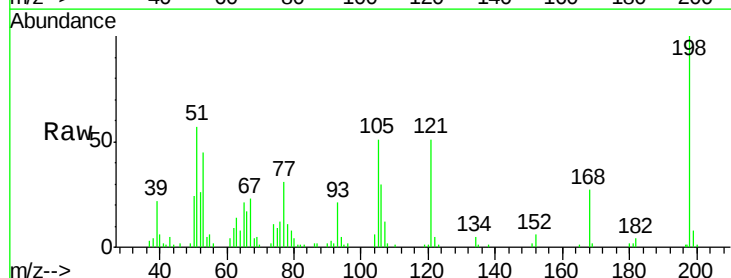
Instrument :
 BNA_F
 ClientSampleId :

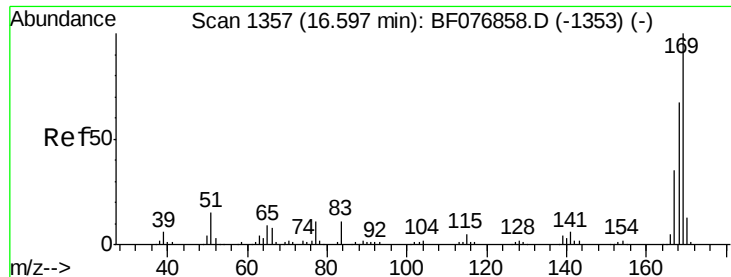
Tot Ion:188 Resp: 145895
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.0 9.0
 80 9.0 6.9 10.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 68.13 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:198 Resp: 57152
 Ion Ratio Lower Upper
 198 100
 51 57.2 24.2 64.2
 105 51.3 24.0 64.0





#65

n-Nitrosodiphenylamine

Concen: 58.68 ng

RT: 16.61 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampleId :

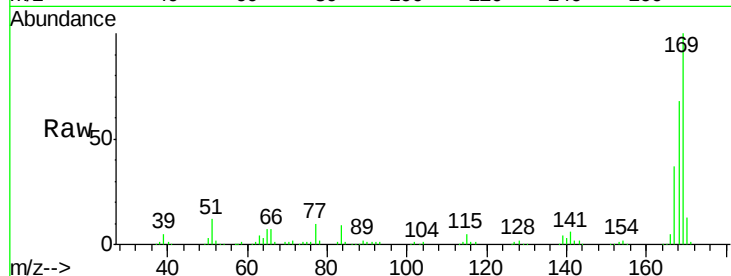
Tot Ion:169 Resp: 310764

Ion Ratio Lower Upper

169 100

168 68.2 53.8 80.6

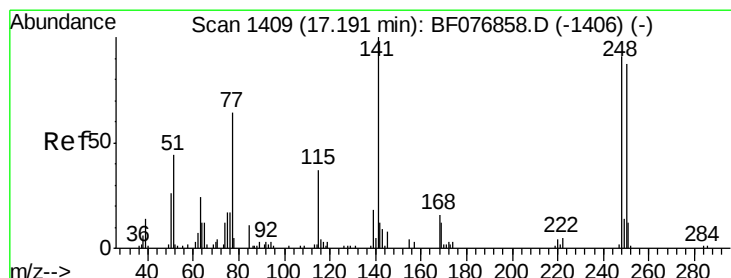
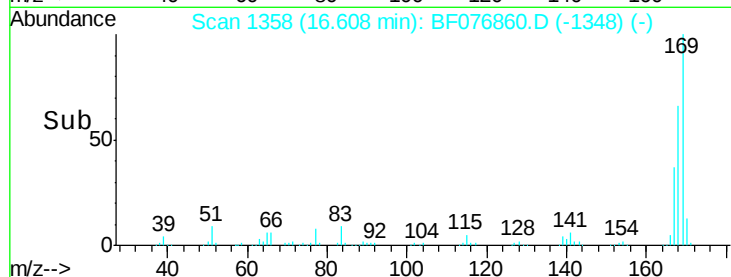
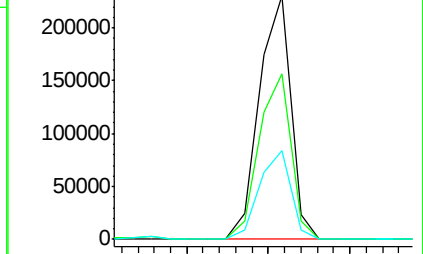
167 36.7 27.8 41.6



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: 60.49 ng

RT: 17.19 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

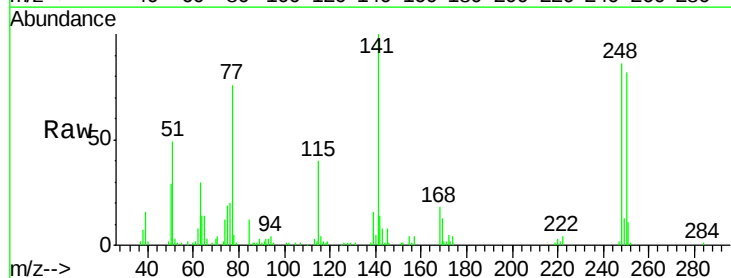
Tgt Ion:248 Resp: 91114

Ion Ratio Lower Upper

248 100

250 95.8 77.1 115.7

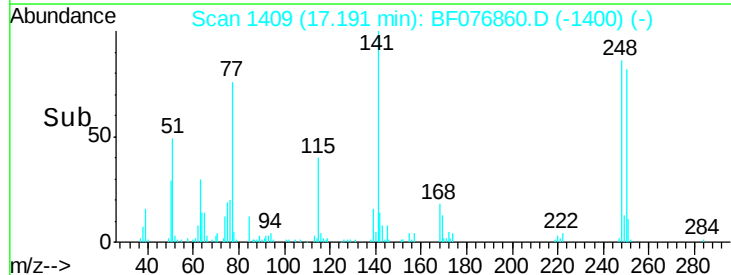
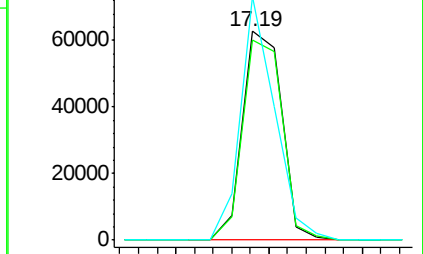
141 116.5 88.2 132.4

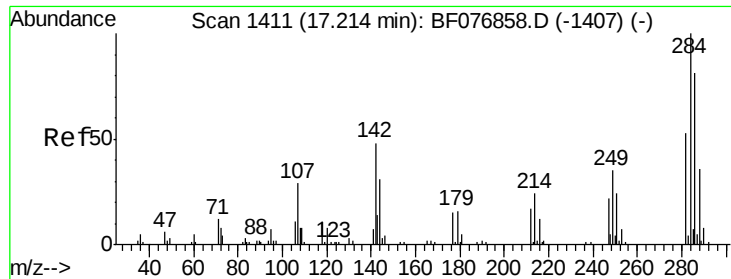


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

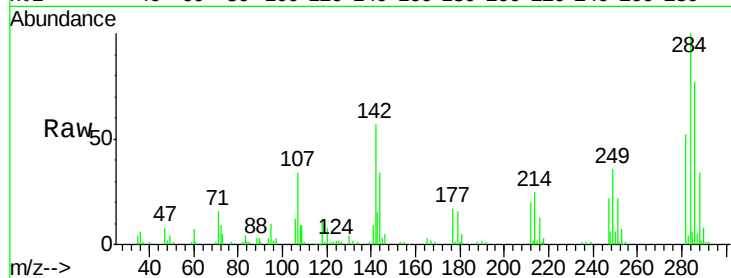




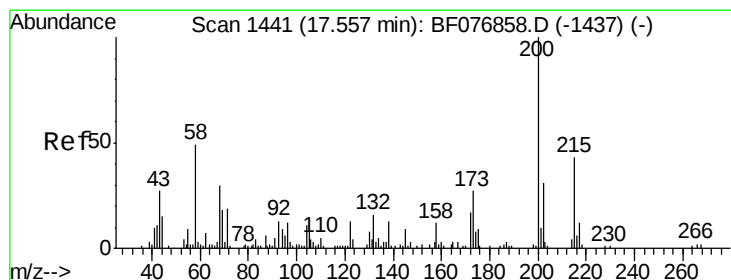
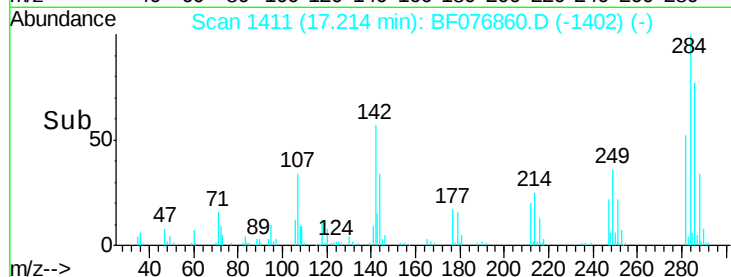
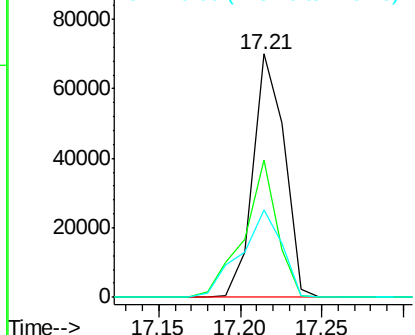
#67
Hexachlorobenzene
Concen: 59.24 ng
RT: 17.21 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 93476
Ion Ratio Lower Upper
284 100
142 56.6 38.2 57.4
249 36.1 28.2 42.2

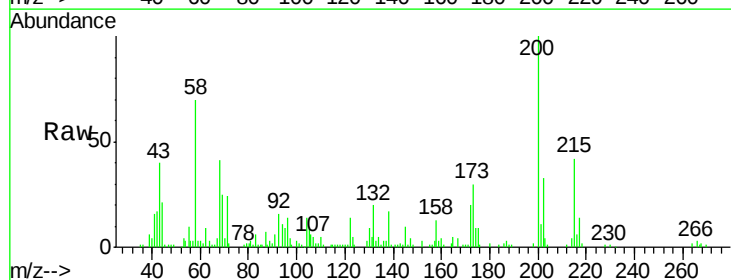


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

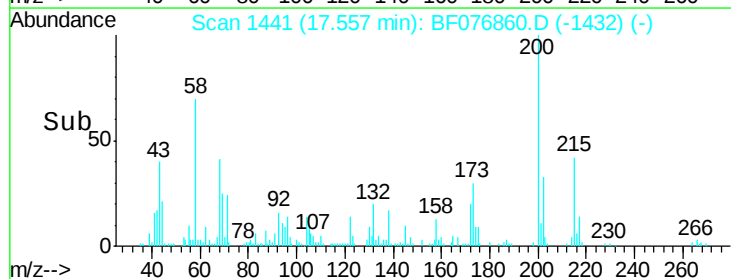
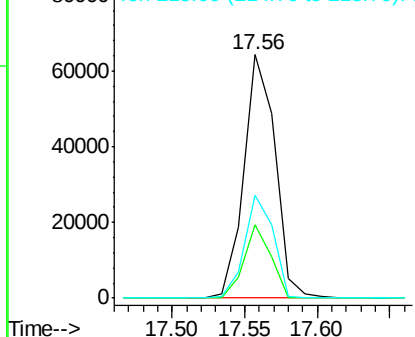


#68
Atrazine
Concen: 59.43 ng
RT: 17.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:200 Resp: 95892
Ion Ratio Lower Upper
200 100
173 30.1 6.6 46.6
215 42.1 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

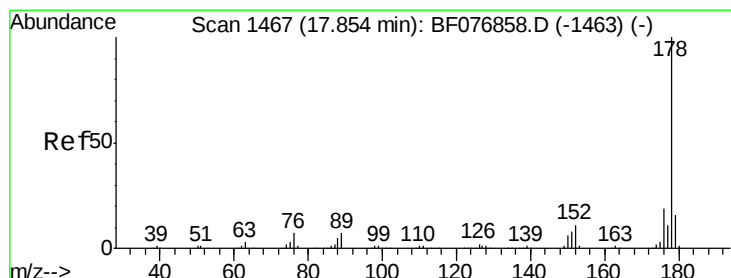
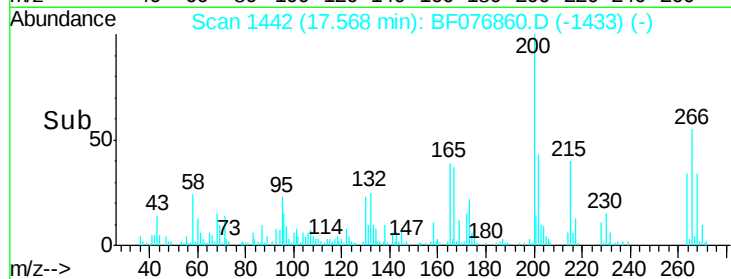
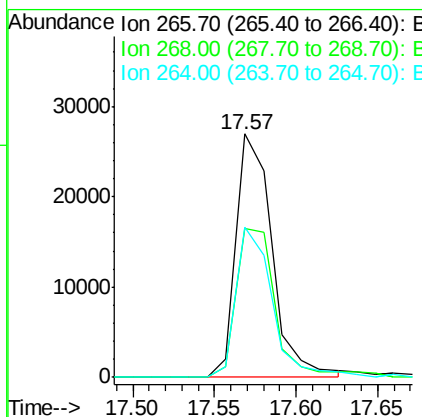
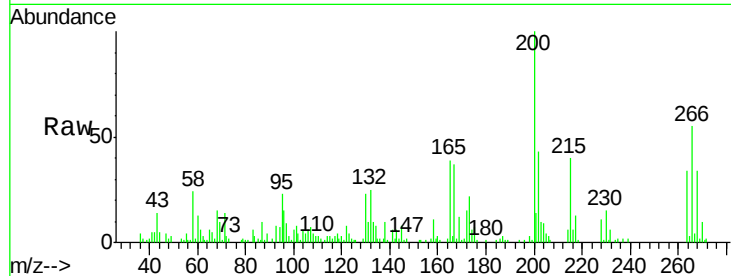




#69
 Pentachlorophenol
 Concen: 76.06 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

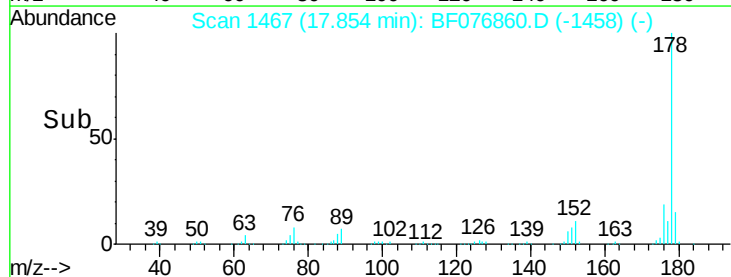
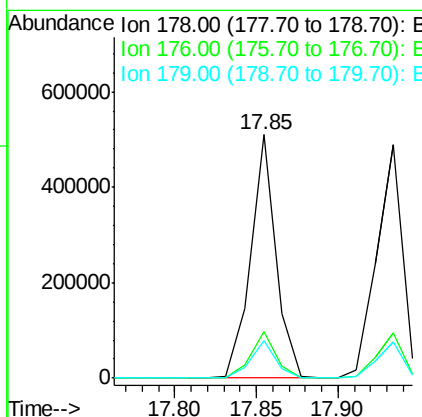
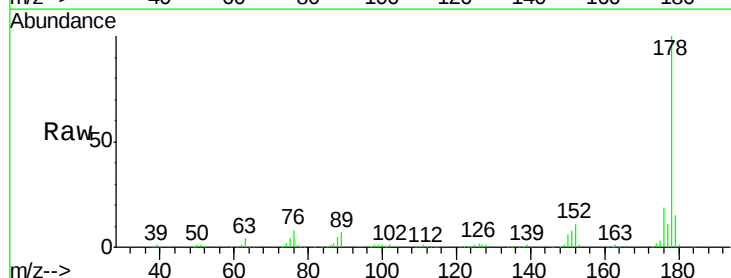
Instrument :
 BNA_F
 ClientSampleId :

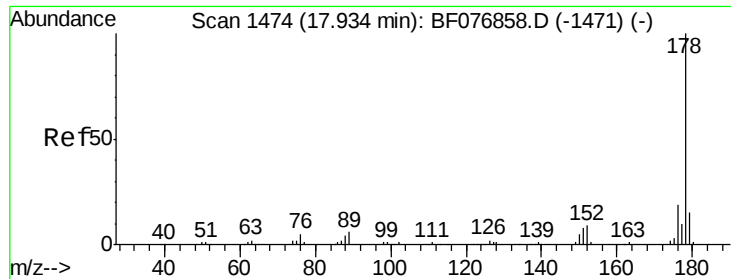
Tot Ion:266 Resp: 41389
 Ion Ratio Lower Upper
 266 100
 268 61.3 48.6 72.8
 264 61.9 49.5 74.3



#70
 Phenanthrene
 Concen: 60.25 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:178 Resp: 547313
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 15.3 12.7 19.1

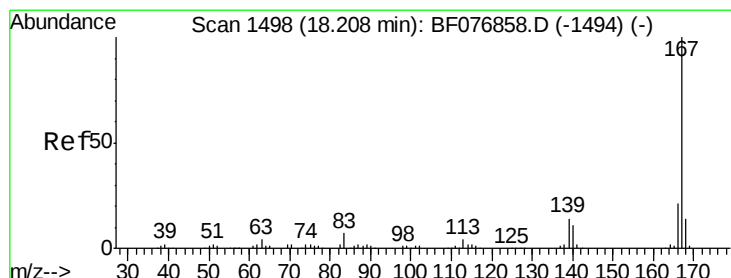
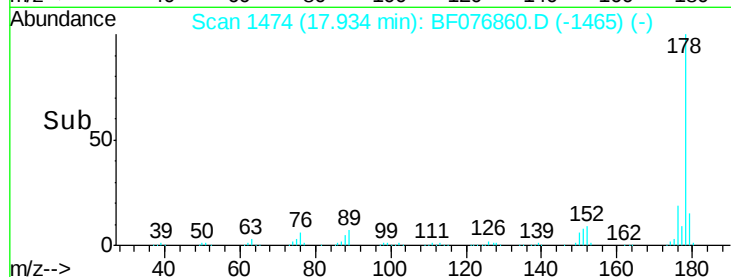
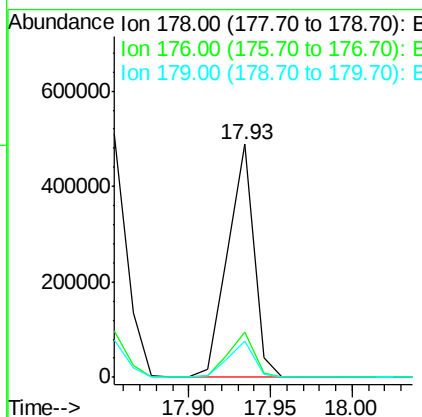
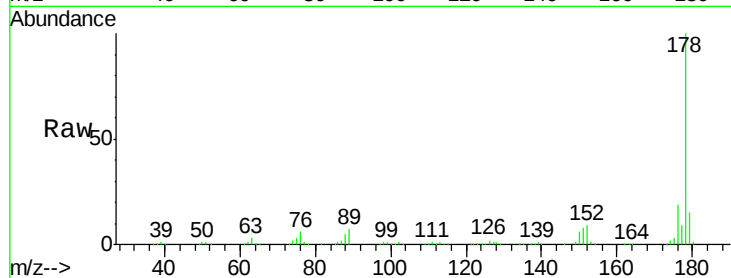




#71
 Anthracene
 Concen: 61.26 ng
 RT: 17.93 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

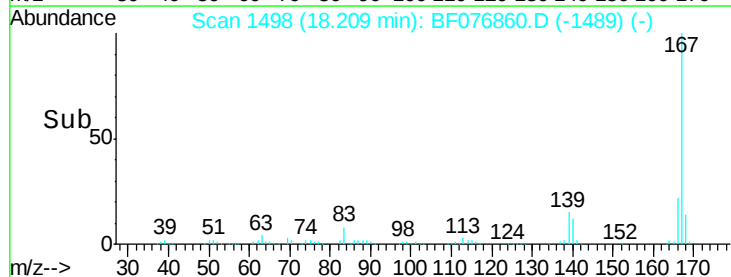
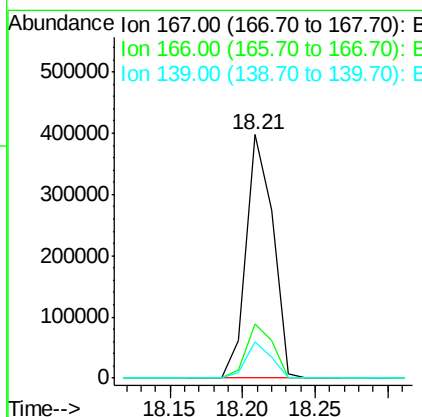
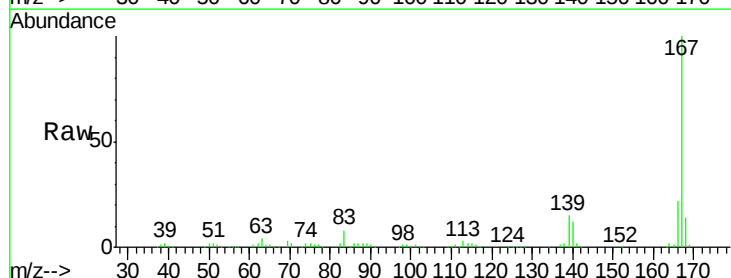
Instrument :
 BNA_F
 ClientSampleId :

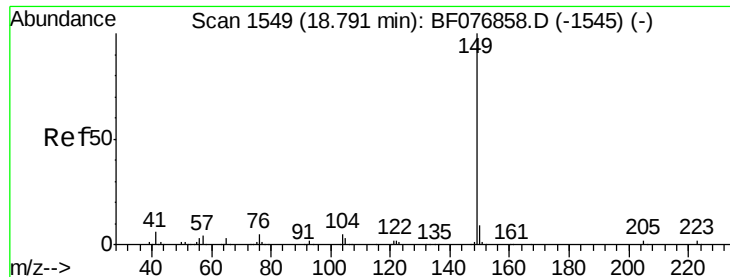
Tot Ion:178 Resp: 538991
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.4 11.9 17.9



#72
 Carbazole
 Concen: 58.94 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:167 Resp: 509599
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.0 25.6
 139 14.7 11.3 16.9





#73

Di-n-butylphthalate

Concen: 58.77 ng

RT: 18.79 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampleId :

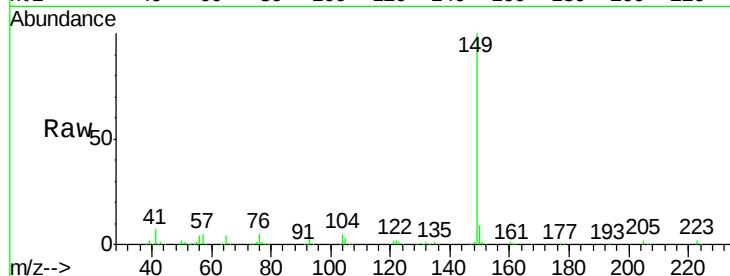
Tot Ion:149 Resp: 601513

Ion Ratio Lower Upper

149 100

150 9.1 6.9 10.3

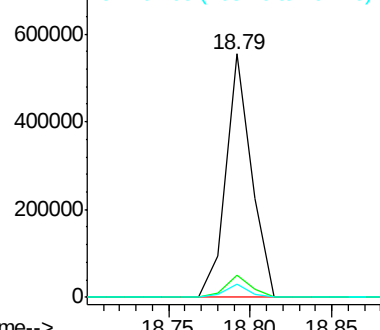
104 5.2 3.7 5.5



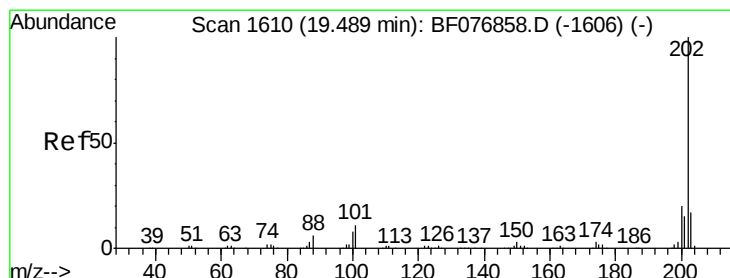
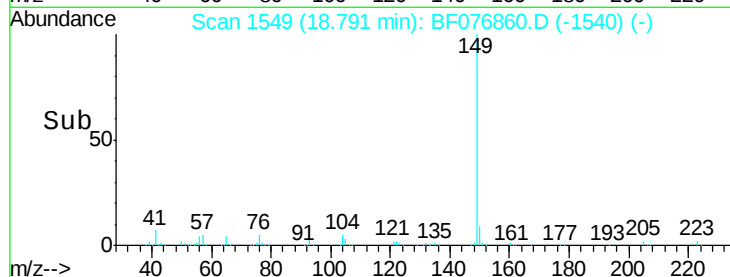
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 60.64 ng

RT: 19.49 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

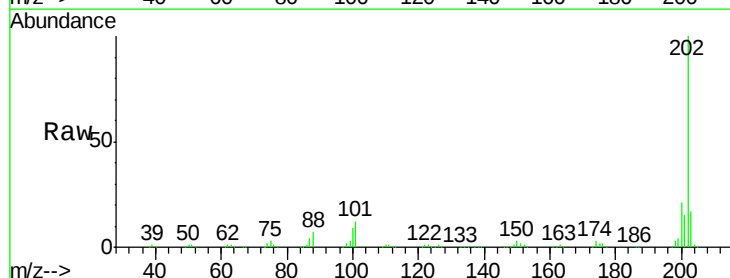
Tgt Ion:202 Resp: 568468

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.7

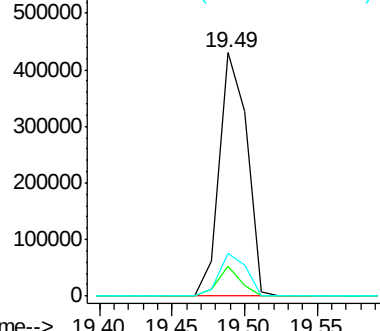
203 17.3 0.0 36.9



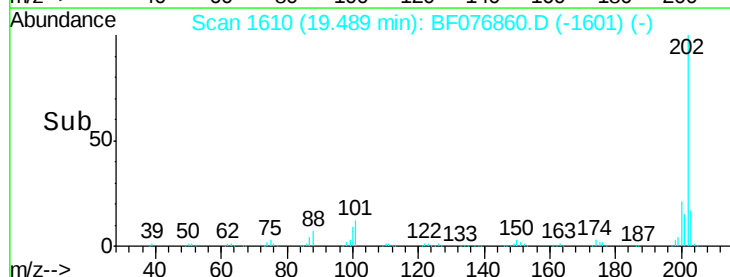
Abundance Ion 202.00 (201.70 to 202.70): E

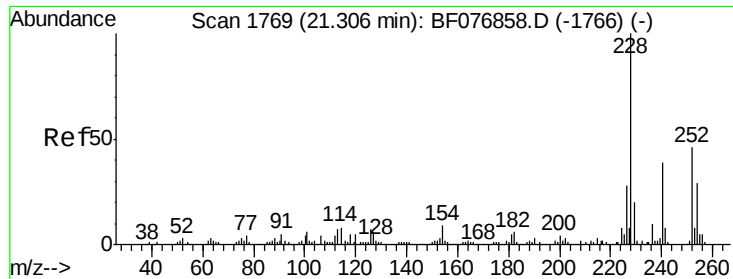
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampleId :

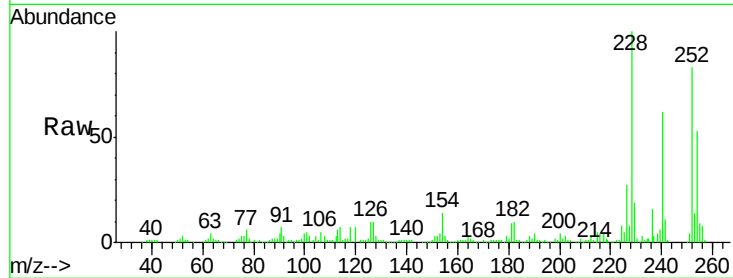
Tot Ion:240 Resp: 144460

Ion Ratio Lower Upper

240 100

120 11.3 10.4 15.6

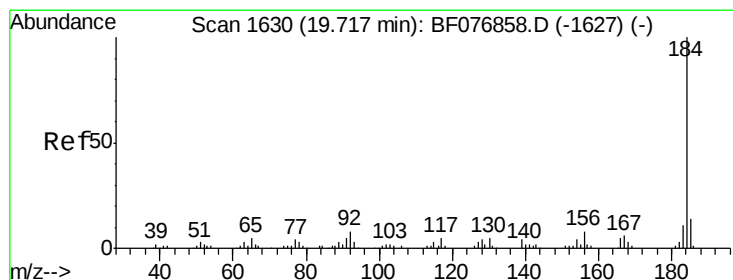
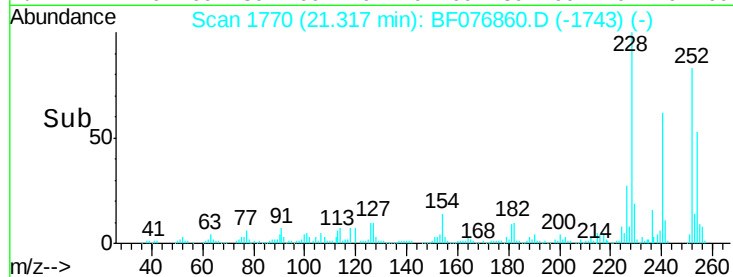
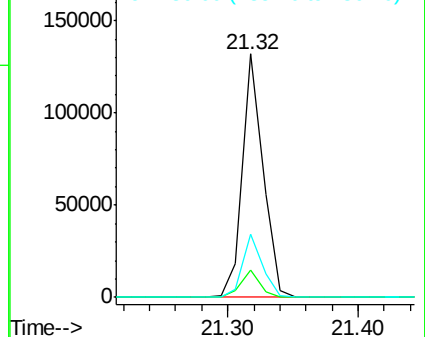
236 25.9 20.2 30.2



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: 60.09 ng

RT: 19.73 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

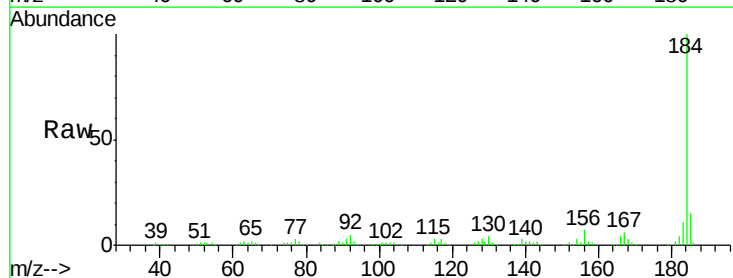
Tgt Ion:184 Resp: 276017

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

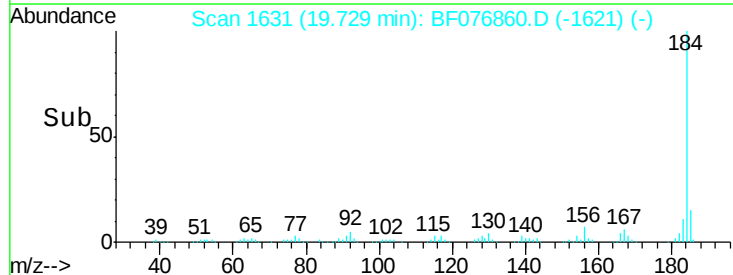
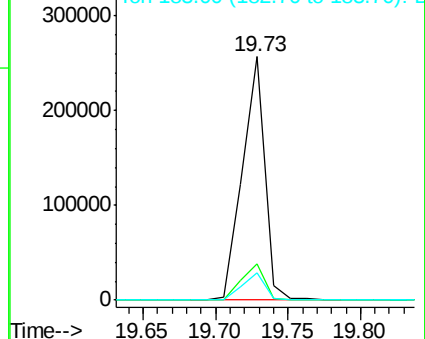
183 11.1 9.0 13.6

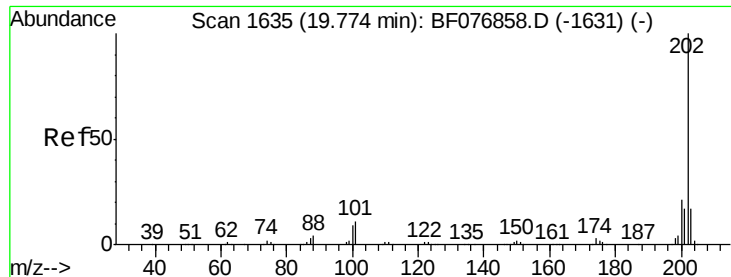


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

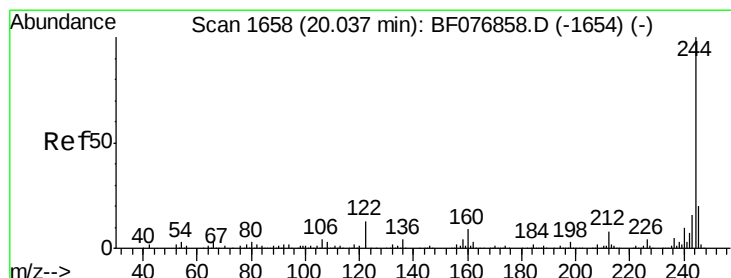
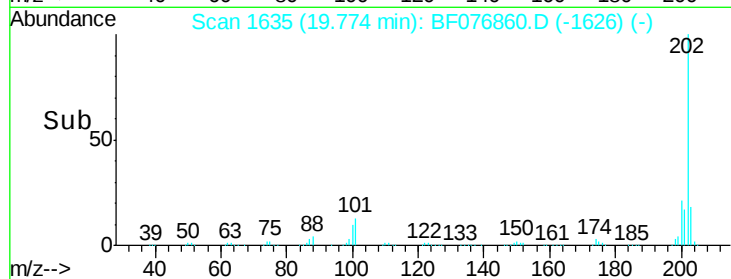
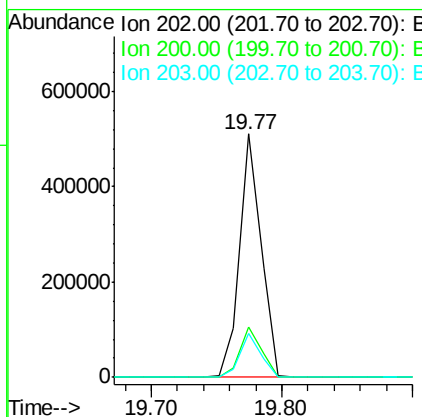
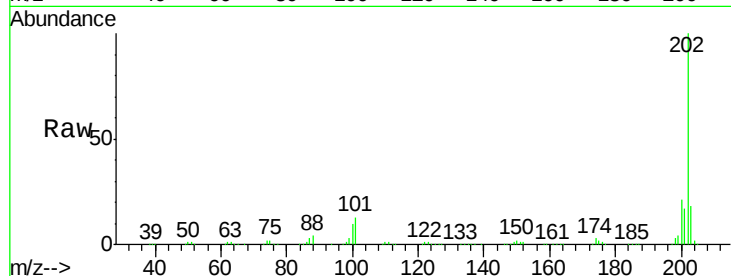




#77
Pvrene
Concen: 56.04 ng
RT: 19.77 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

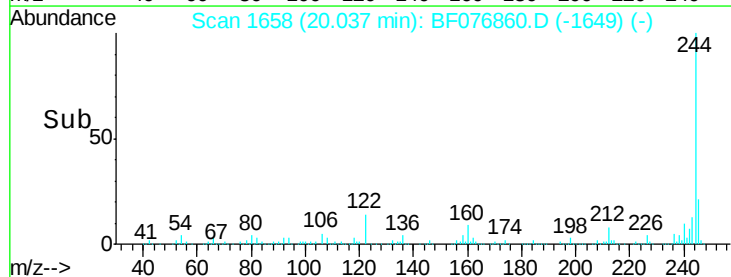
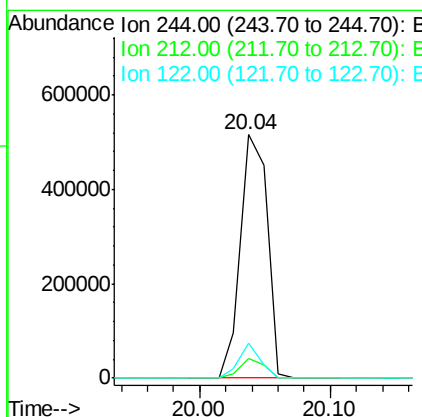
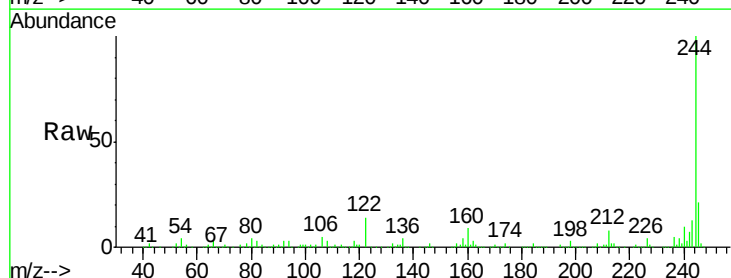
Instrument :
BNA_F
ClientSampleId :

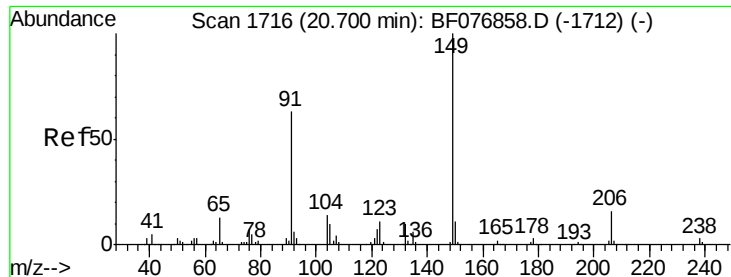
Tot Ion:202 Resp: 584507
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 18.2 14.0 21.0



#78
Terphenyl-d14
Concen: 111.64 ng
RT: 20.04 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:244 Resp: 735804
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 14.5 10.1 15.1

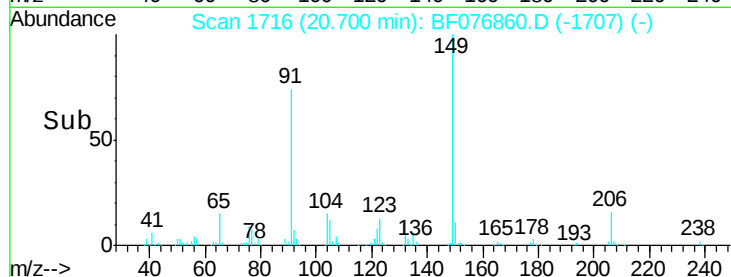
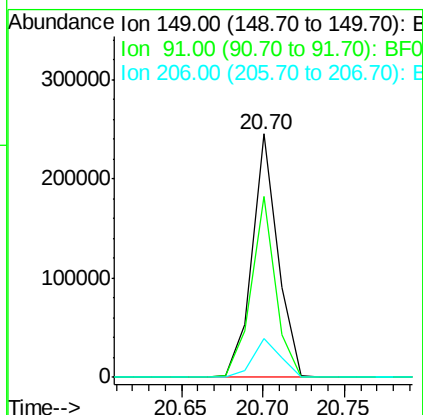
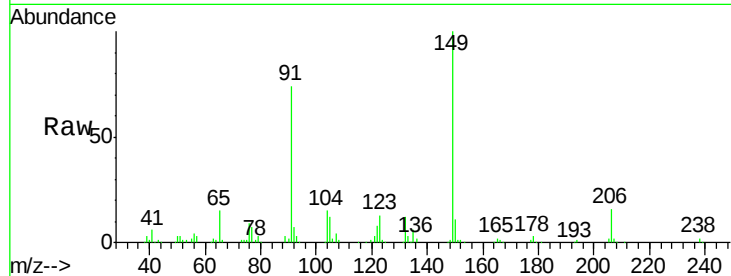




#79
Butylbenzylphthalate
Concen: 55.72 ng
RT: 20.70 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

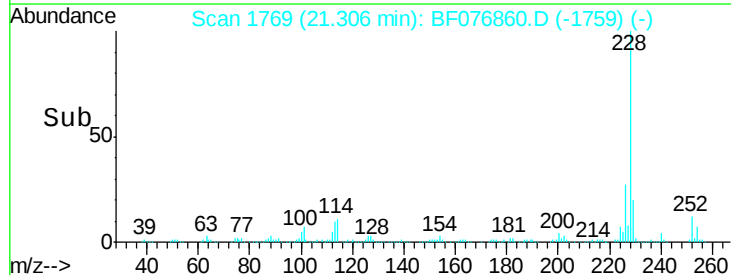
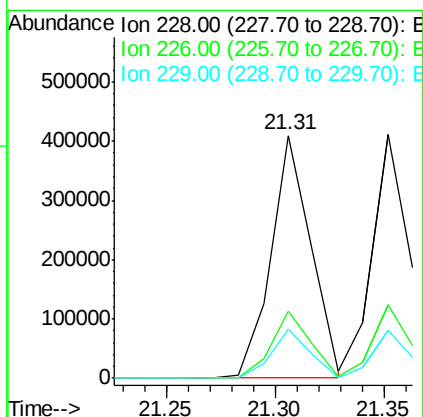
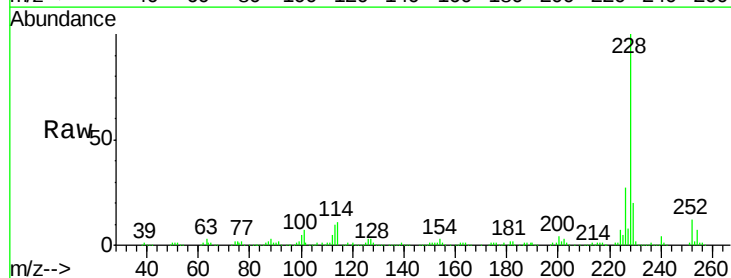
Instrument :
BNA_F
ClientSampleId :

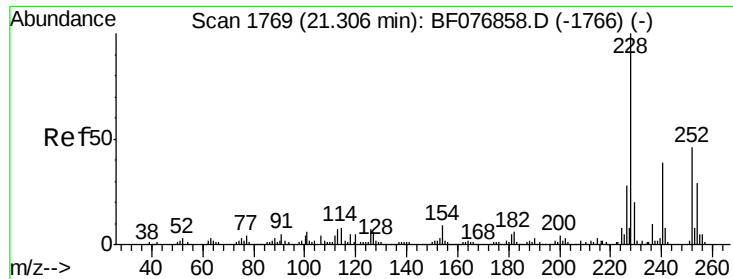
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	50.6	76.0
206	15.7	12.8	19.2



#80
Benzo(a)anthracene
Concen: 56.77 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.2	15.5	23.3

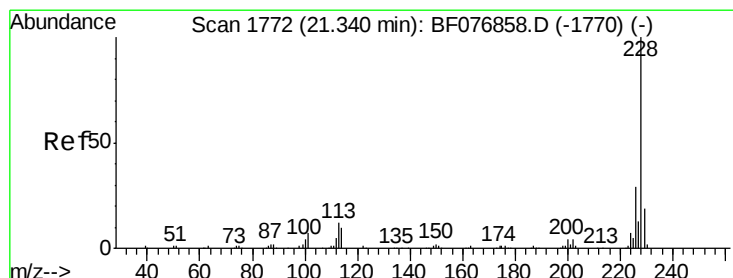
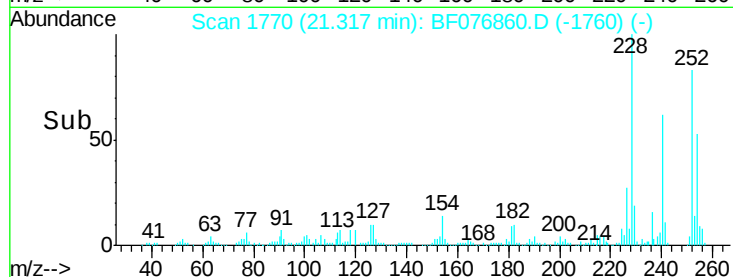
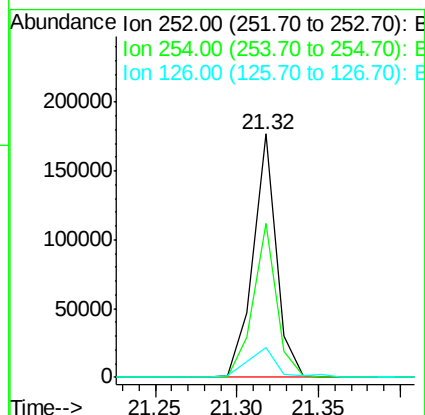
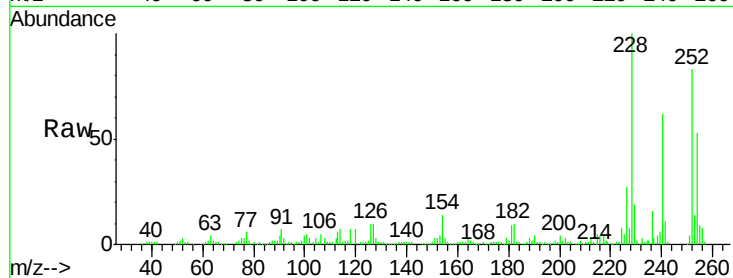




#81
 3,3'-Dichlorobenzidine
 Concen: 59.62 ng
 RT: 21.32 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

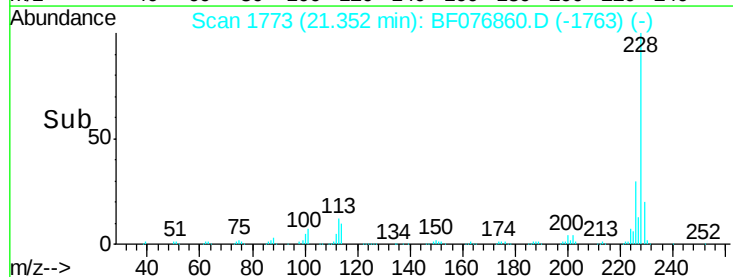
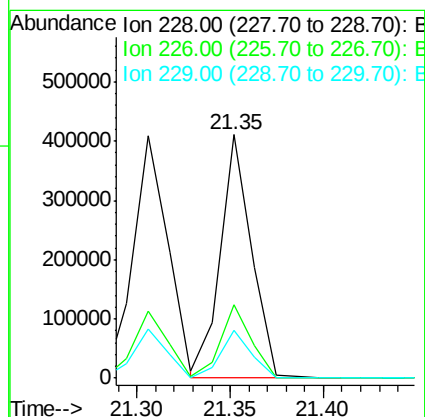
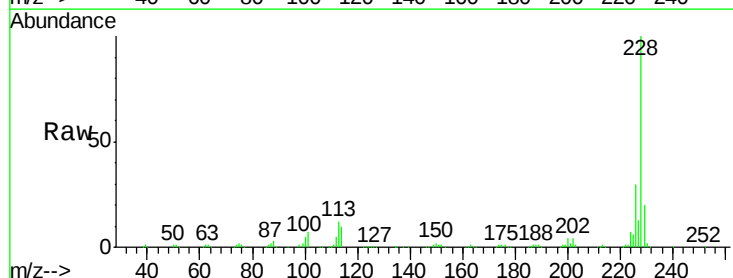
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 176379
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.2 75.4
 126 12.5 11.5 17.3



#82
 Chrysene
 Concen: 57.03 ng
 RT: 21.35 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BF076860.D
 Acq: 14 Jan 2015 15:25

Tgt Ion:228 Resp: 477791
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.4 35.0
 229 19.5 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.31 ng

RT: 21.45 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

Instrument :

BNA_F

ClientSampleId :

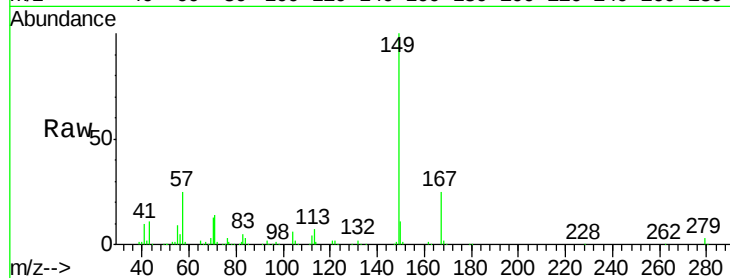
Tot Ion:149 Resp: 369252

Ion Ratio Lower Upper

149 100

167 25.3 20.6 30.8

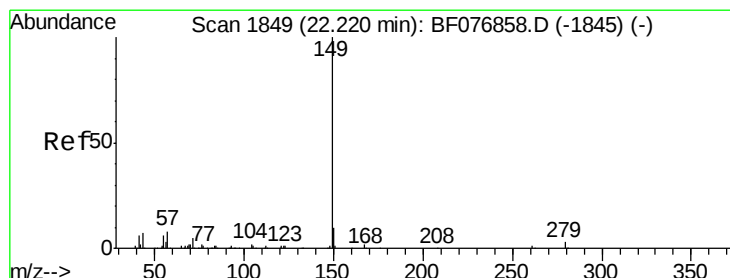
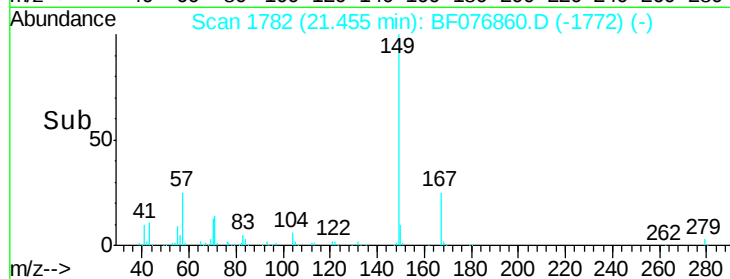
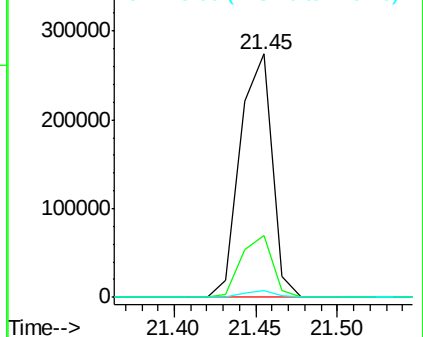
279 2.8 2.2 3.2



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



#84

Di-n-octyl phthalate

Concen: 58.72 ng

RT: 22.25 min Scan# 1852

Delta R.T. 0.03 min

Lab File: BF076860.D

Acq: 14 Jan 2015 15:25

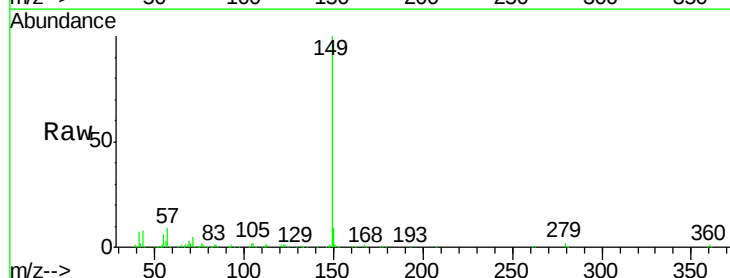
Tgt Ion:149 Resp: 664149

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

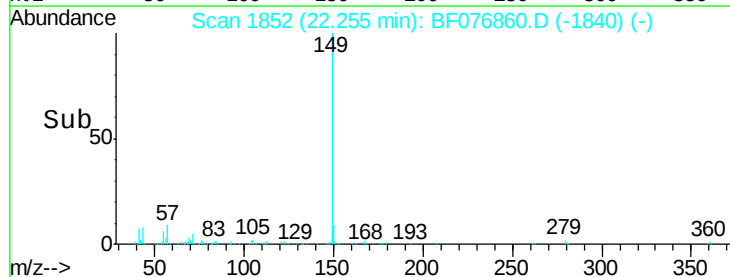
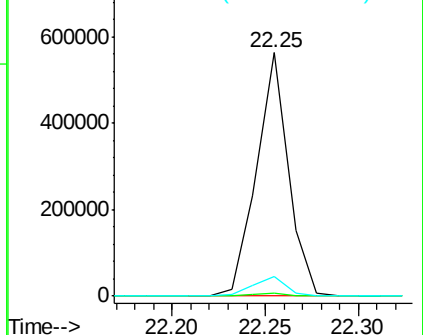
43 8.7 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

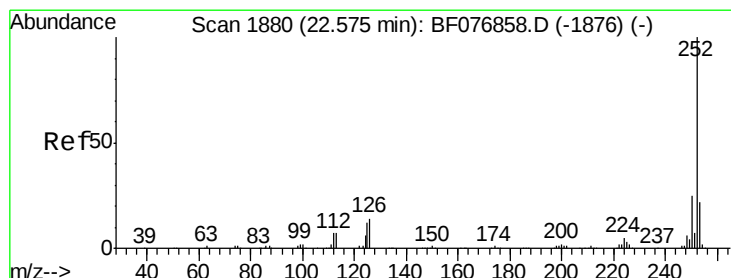
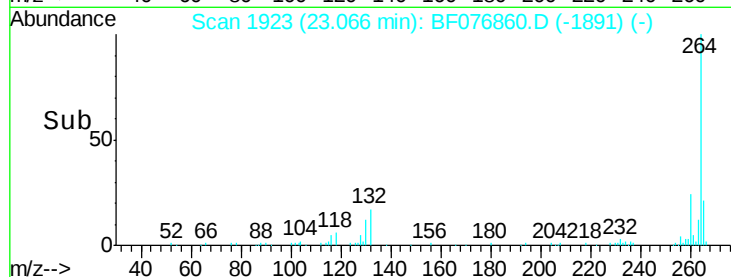
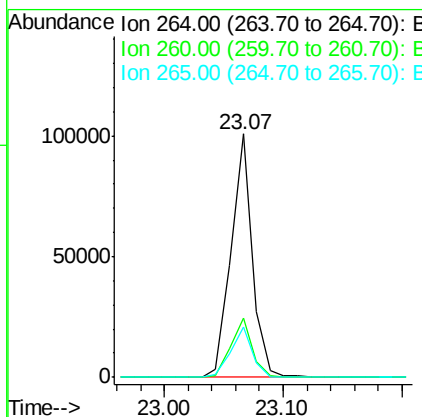
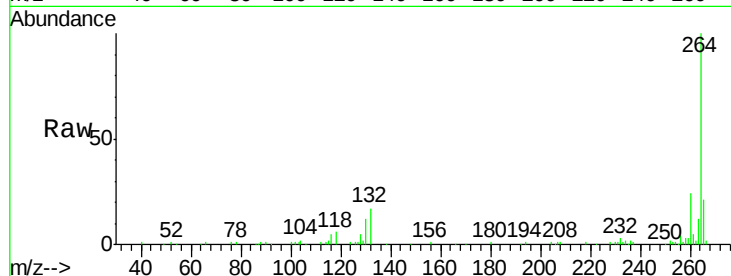




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.07 min Scan# 1923
Delta R.T. 0.07 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

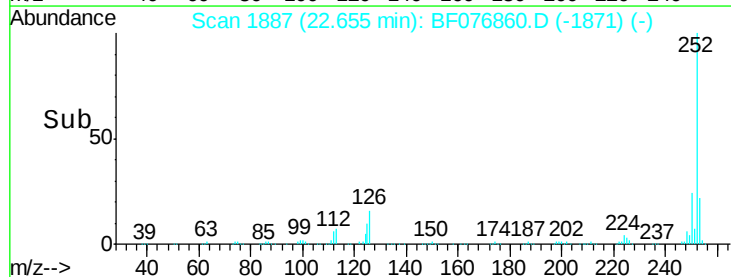
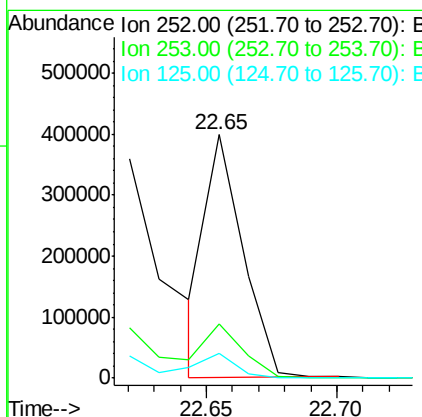
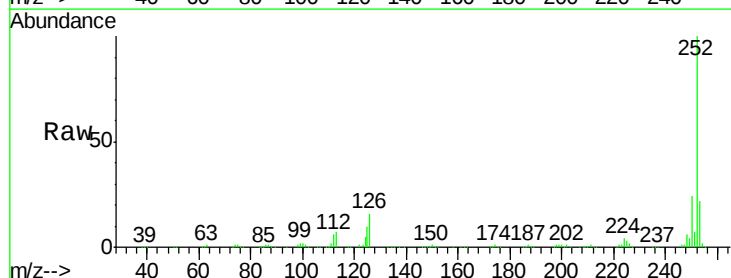
Instrument :
BNA_F
ClientSampled :

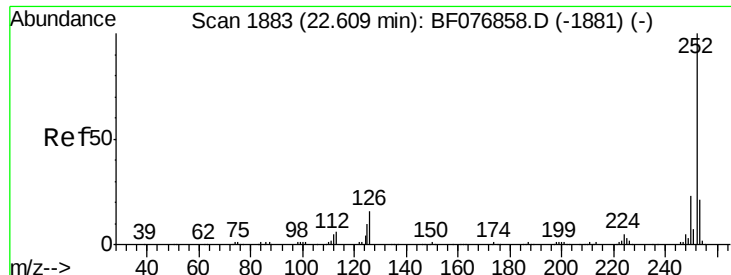
Tot Ion:264 Resp: 125265
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 20.9 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 46.82 ng
RT: 22.65 min Scan# 1887
Delta R.T. 0.08 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:252 Resp: 392455
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.2 9.4 14.0

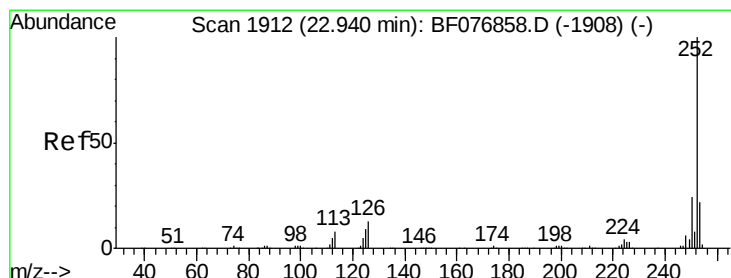
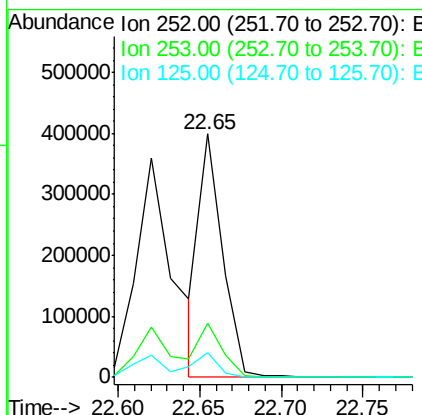
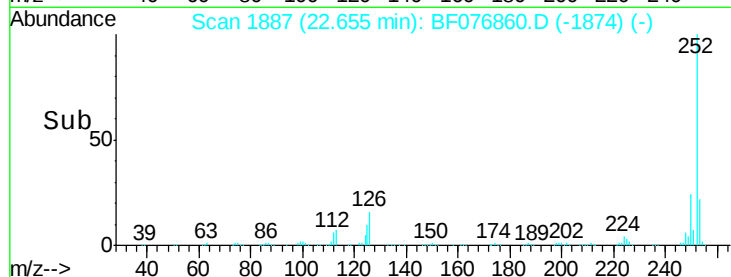
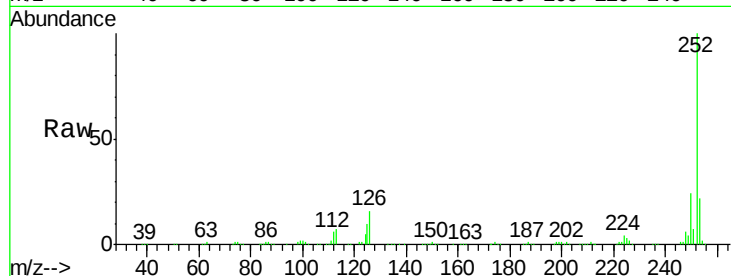




#88
Benzo(k)fluoranthene
Concen: 51.49 ng
RT: 22.65 min Scan# 1887
Delta R.T. 0.05 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

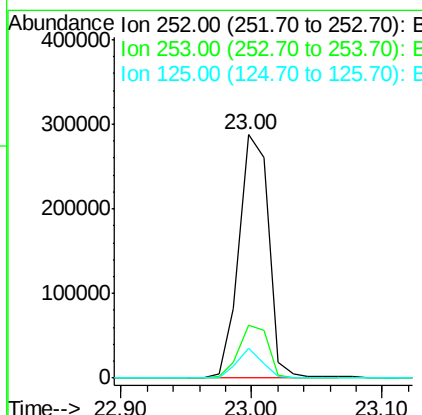
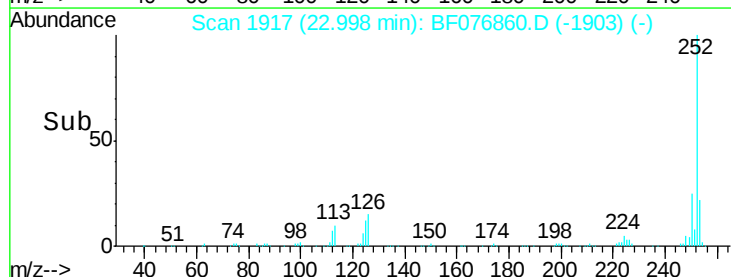
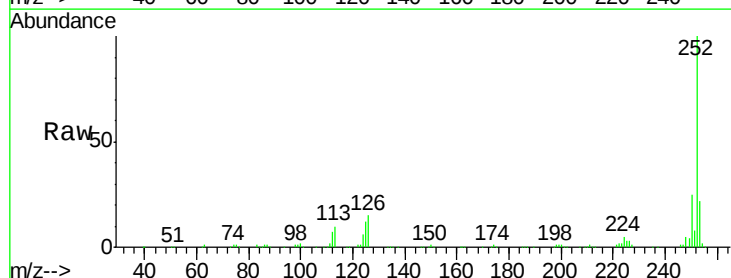
Instrument :
BNA_F
ClientSampled :

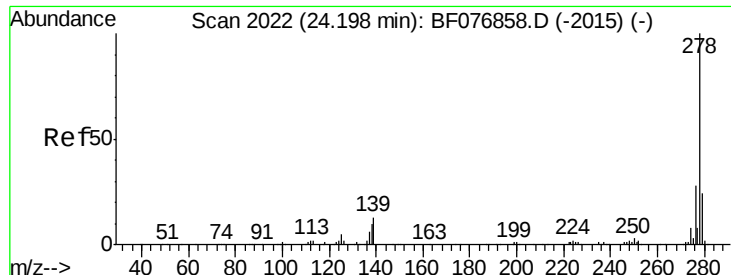
Tot Ion:252 Resp: 397133
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 10.2 7.1 10.7



#89
Benzo(a)pyrene
Concen: 61.59 ng
RT: 23.00 min Scan# 1917
Delta R.T. 0.06 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:252 Resp: 456117
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.2 7.2 10.8#

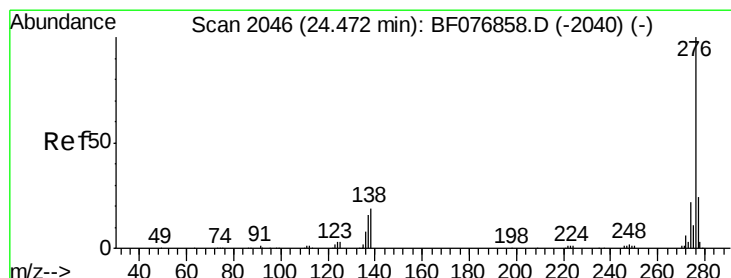
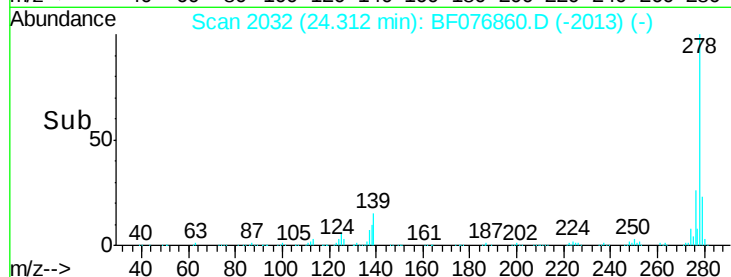
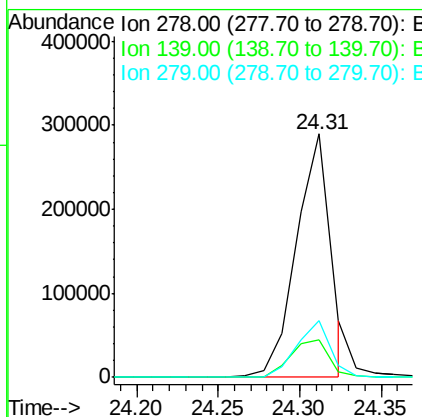
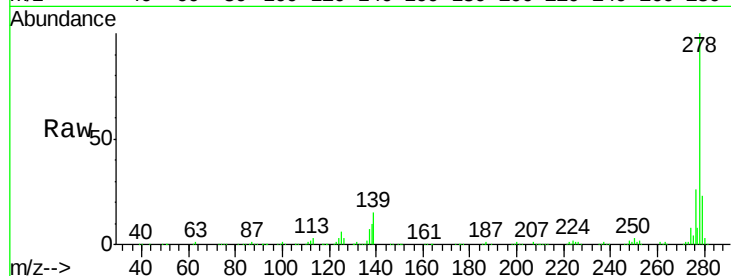




#90
Dibenzo(a,h)anthracene
Concen: 62.56 ng
RT: 24.31 min Scan# 2032
Delta R.T. 0.11 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 423911
Ion Ratio Lower Upper
278 100
139 15.4 10.5 15.7
279 23.4 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 57.18 ng
RT: 24.59 min Scan# 2056
Delta R.T. 0.11 min
Lab File: BF076860.D
Acq: 14 Jan 2015 15:25

Tgt Ion:276 Resp: 394496
Ion Ratio Lower Upper
276 100
277 24.5 19.5 29.3
138 24.7 15.0 22.6#

