

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
 Data File : BF076983.D
 Acq On : 21 Jan 2015 4:13
 Operator : IZ / TP
 Sample : G1101-10MSD
 Misc : W
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 05:00:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 04:28:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	34155	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	141189	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	76912	20.00	ng	0.00
63) Phenanthrene-d10	17.74	188	136078	20.00	ng	0.00
75) Chrysene-d12	21.24	240	135056	20.00	ng	0.00
86) Perylene-d12	22.89	264	117242	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.96	112	112686	54.24	ng	0.00
7) Phenol-d6	7.32	99	87471	33.38	ng	0.00
23) Nitrobenzene-d5	9.21	82	221927	87.08	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	73890	118.35	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	448136	88.67	ng	0.00
78) Terphenyl-d14	19.97	244	479708	81.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.25	88	11199	12.59	ng	96
3) Pyridine	1.75	79	24715	10.74	ng	90
4) n-Nitrosodimethylamine	1.68	42	19323	16.95	ng	98
6) Aniline	7.20	93	19846	5.47	ng	# 92
8) 2-Chlorophenol	7.44	128	76482	31.94	ng	96
9) Benzaldehyde	6.92	77	32253	19.49	ng	95
10) Phenol	7.34	94	32999	11.86	ng	91
11) bis(2-Chloroethyl)ether	7.44	93	93297	42.85	ng	87
12) 1,3-Dichlorobenzene	7.75	146	107853	39.58	ng	99
13) 1,4-Dichlorobenzene	7.94	146	108902	37.69	ng	99
14) 1,2-Dichlorobenzene	8.26	146	103255	38.79	ng	99
15) Benzyl Alcohol	8.34	79	53010	25.00	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	121286	41.44	ng	79
17) 2-Methylphenol	8.70	107	45145	23.07	ng	# 88
18) Hexachloroethane	9.01	117	39810	39.61	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	74099	40.39	ng	96
20) 3+4-Methylphenols	9.09	107	51648	19.93	ng	99
22) Acetophenone	8.89	105	151088	43.69	ng	99
24) Nitrobenzene	9.25	77	113087	43.56	ng	95
25) Isophorone	9.85	82	200497	43.20	ng	97
26) 2-Nitrophenol	9.99	139	50870	38.62	ng	# 87
27) 2,4-Dimethylphenol	10.28	122	45730	22.78	ng	95
28) bis(2-Chloroethoxy)methane	10.48	93	121873	46.20	ng	99
29) 2,4-Dichlorophenol	10.60	162	73741	39.41	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	88268	42.47	ng	94
31) Naphthalene	10.87	128	298326	41.04	ng	100
32) Benzoic acid	10.57	122	12757	11.47	ng	# 69
33) 4-Chloroaniline	11.12	127	25916	8.82	ng	97
34) Hexachlorobutadiene	11.23	225	49824	40.40	ng	96
35) Caprolactam	11.96	113	2886	5.24	ng	# 70
36) 4-Chloro-3-methylphenol	12.40	107	71512	33.38	ng	95
37) 2-Methylnaphthalene	12.53	142	219595	44.24	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	83314	43.81	ng	97
40) Hexachlorocyclopentadiene	12.92	237	91606	88.95	ng	98

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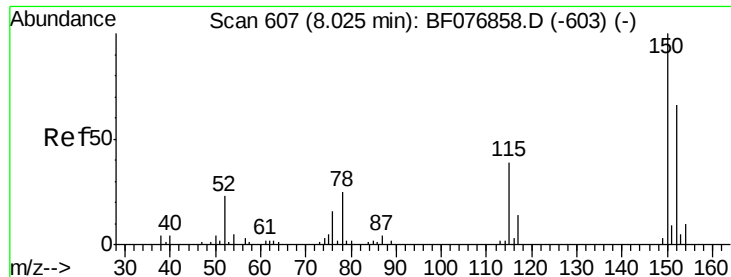
Instrument :
 BNA_F
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Quant Time: Jan 21 05:00:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.27	196	54072	39.03	nq	98
43) 2,4,5-Trichlorophenol	13.36	196	57865	40.95	nq	97
45) 1,1'-Biphenyl	13.68	154	258229	45.29	nq	99
46) 2-Chloronaphthalene	13.65	162	207832	44.29	nq	97
47) 2-Nitroaniline	13.99	65	65862	46.27	nq	98
48) Acenaphthylene	14.61	152	331064	41.83	nq	99
49) Dimethylphthalate	14.55	163	260013	47.67	nq	100
50) 2,6-Dinitrotoluene	14.64	165	51147	46.93	nq	90
51) Acenaphthene	15.03	154	183827	40.94	nq	92
52) 3-Nitroaniline	15.00	138	25733	19.21	nq	99
53) 2,4-Dinitrophenol	15.27	184	43370	84.10	nq	92
54) Dibenzofuran	15.45	168	295161	45.12	nq	100
55) 4-Nitrophenol	15.60	139	25483	29.80	nq	# 82
56) 2,4-Dinitrotoluene	15.58	165	72298	44.42	nq	92
57) Fluorene	16.17	166	239733	43.26	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.80	232	40714	39.57	nq	96
59) Diethylphthalate	16.17	149	263522	47.80	nq	98
60) 4-Chlorophenyl-phenylether	16.27	204	108153	47.70	nq	92
61) 4-Nitroaniline	16.32	138	50716	37.25	nq	94
62) Azobenzene	16.55	77	249737	43.48	nq	98
64) 4,6-Dinitro-2-methylphenol	16.39	198	32430	37.84	nq	96
65) n-Nitrosodiphenylamine	16.51	169	86948	17.92	nq	99
66) 4-Bromophenyl-phenylether	17.11	248	64823	47.02	nq	# 81
67) Hexachlorobenzene	17.13	284	62704	43.16	nq	# 82
68) Atrazine	17.49	200	71600	48.63	nq	96
69) Pentachlorophenol	17.49	266	44884	68.44	nq	90
70) Phenanthrene	17.77	178	349029	41.13	nq	99
71) Anthracene	17.84	178	349826	42.27	nq	98
72) Carbazole	18.13	167	310359	38.67	nq	99
73) Di-n-butylphthalate	18.72	149	434184	46.73	nq	99
74) Fluoranthene	19.42	202	370380	42.59	nq	96
77) Pyrene	19.69	202	385698	41.67	nq	99
79) Butylbenzylphthalate	20.63	149	200949	47.94	nq	97
80) Benzo(a)anthracene	21.23	228	344947	40.71	nq	99
81) 3,3'-Dichlorobenzidine	21.24	252	23759	8.82	nq	99
82) Chrysene	21.27	228	327249	42.35	nq	100
83) Bis(2-ethylhexyl)phthalate	21.37	149	278667	48.05	nq	# 98
84) Di-n-octyl phthalate	22.14	149	486210	48.30	nq	100
85) Indeno(1,2,3-cd)pyrene	24.03	276	308415	37.66	nq	# 83
87) Benzo(b)fluoranthene	22.48	252	317418	40.20	nq	# 96
88) Benzo(k)fluoranthene	22.48	252	317418	46.01	nq	99
89) Benzo(a)pyrene	22.84	252	296130	42.52	nq	99
90) Dibenzo(a,h)anthracene	24.05	278	258538	40.45	nq	# 97
91) Benzo(g,h,i)perylene	24.31	276	260796	41.05	nq	# 92

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

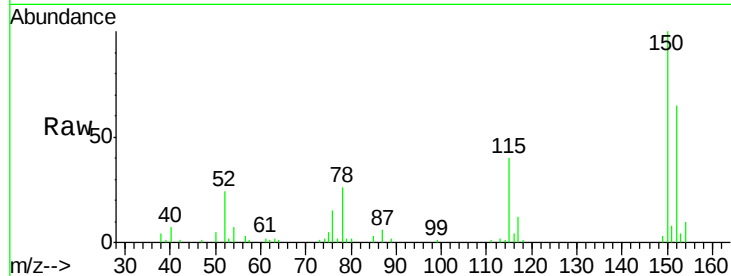


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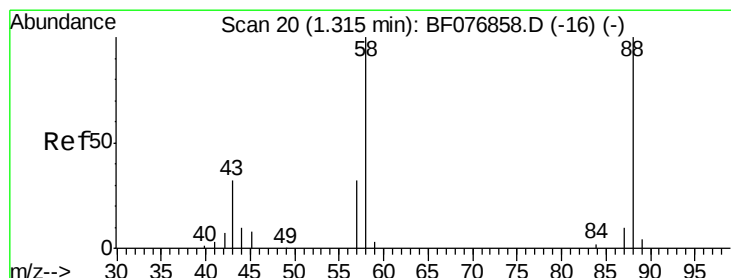
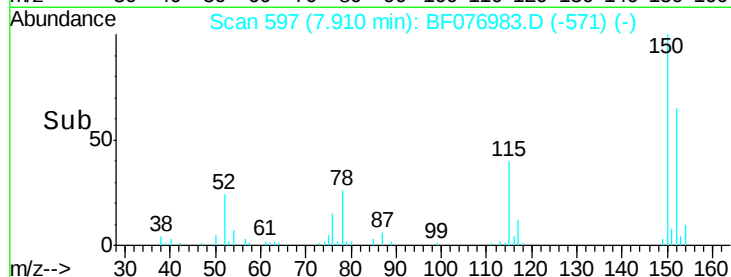
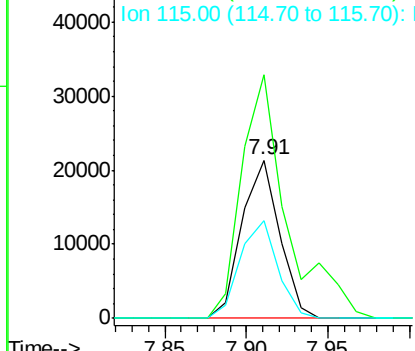
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 34155
Ion Ratio Lower Upper
152 100
150 154.0 121.7 182.5
115 61.7 47.0 70.6



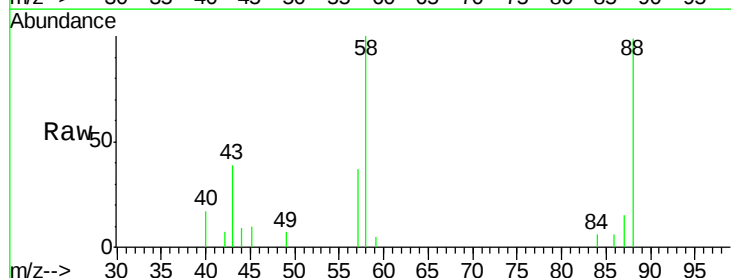
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



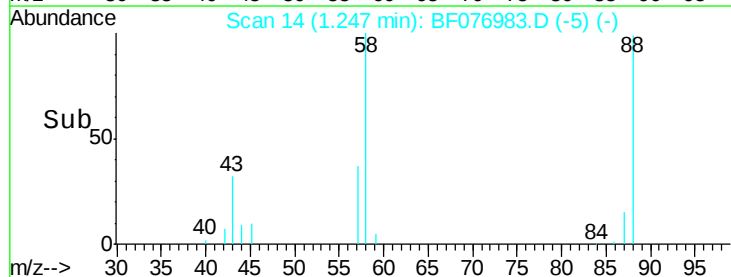
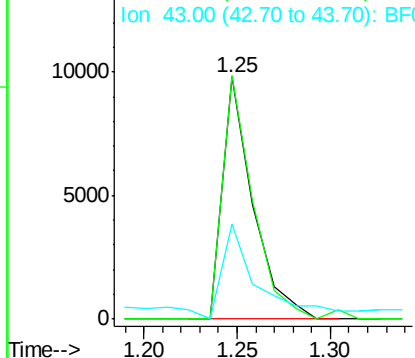
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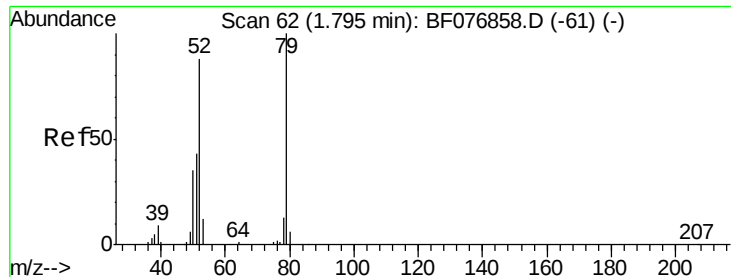
1,4-Dioxane
Concen: 12.59 ng
RT: 1.25 min Scan# 14
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion: 88 Resp: 11199
Ion Ratio Lower Upper
88 100
58 101.7 77.0 115.4
43 31.7 25.6 38.4



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





#3

Pvridine

Concen: 10.74 ng

RT: 1.75 min Scan# 58

Delta R.T. -0.01 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

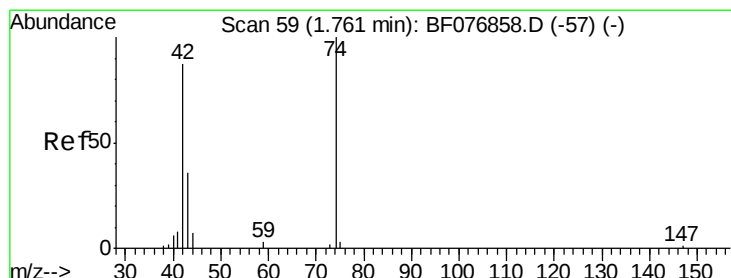
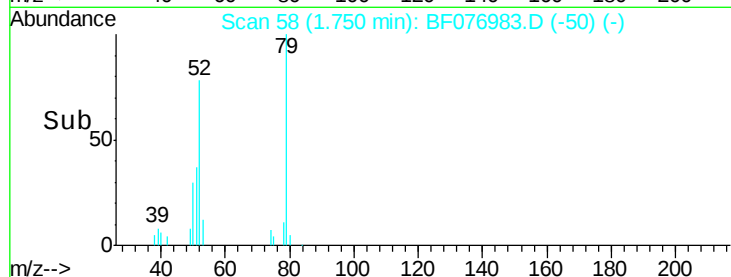
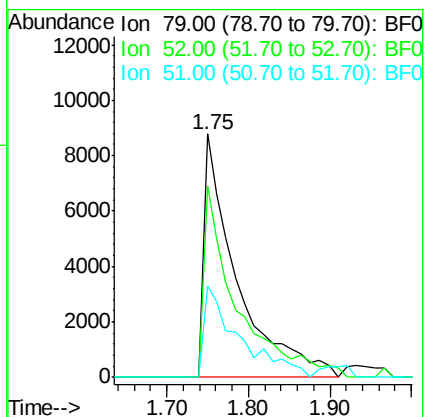
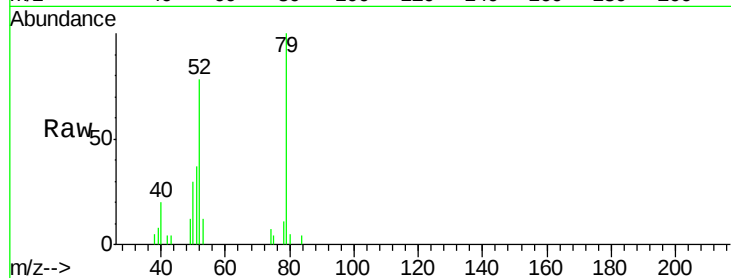
Tot Ion: 79 Resp: 24715

Ion Ratio Lower Upper

79 100

52 78.4 70.1 105.1

51 37.4 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 16.95 ng

RT: 1.68 min Scan# 52

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

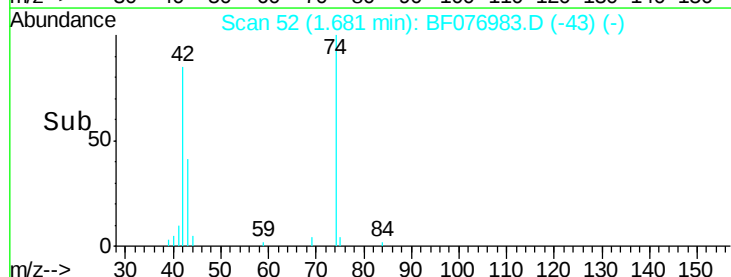
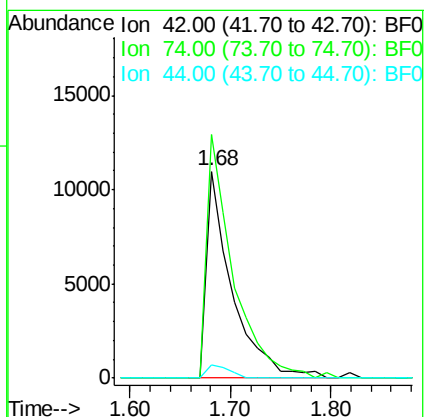
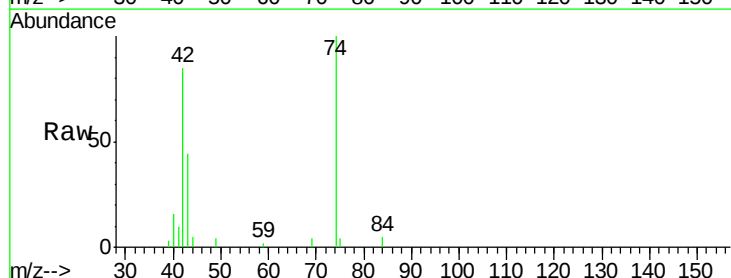
Tgt Ion: 42 Resp: 19323

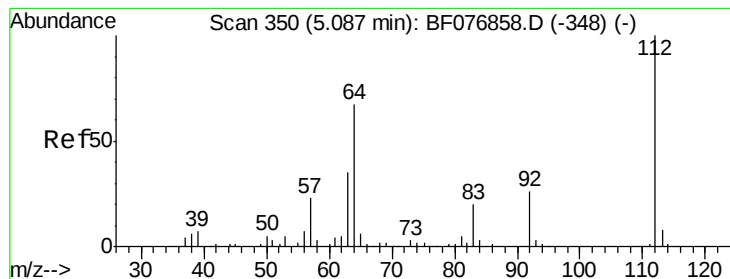
Ion Ratio Lower Upper

42 100

74 117.8 92.4 138.6

44 6.4 6.2 9.2





#5

2-Fluorophenol

Concen: 54.24 ng

RT: 4.96 min Scan# 339

Delta R.T. 0.00 min

Lab File: BF076983.D

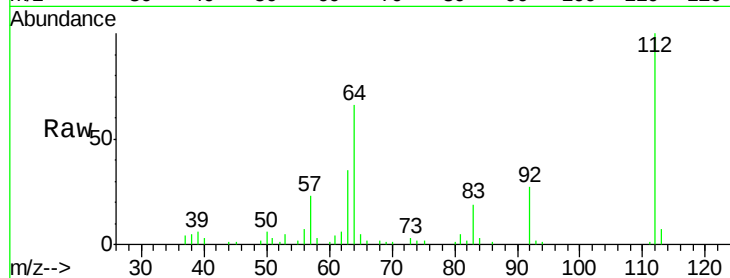
Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampled :

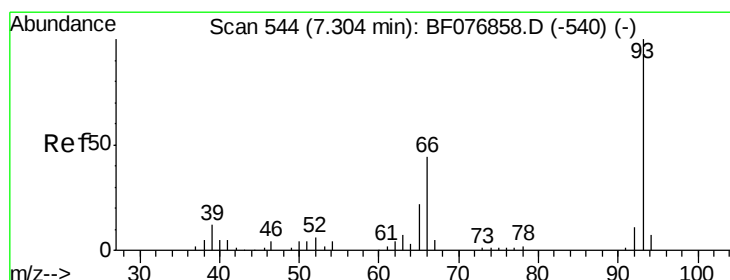
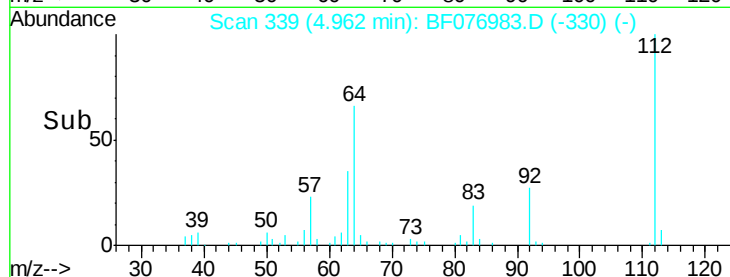
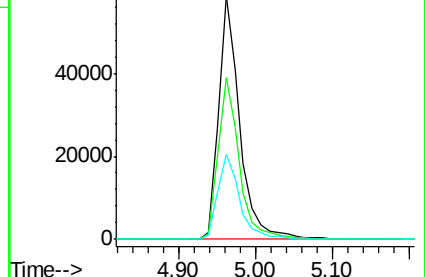
Tot Ion:	112	Resp:	112686
Ion	Ratio	Lower	Upper
112	100		
64	66.3	54.2	81.4
63	34.9	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.47 ng

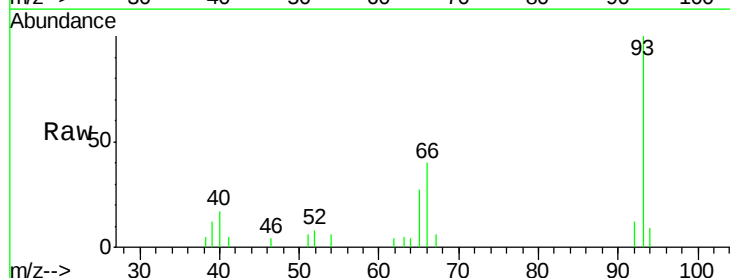
RT: 7.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

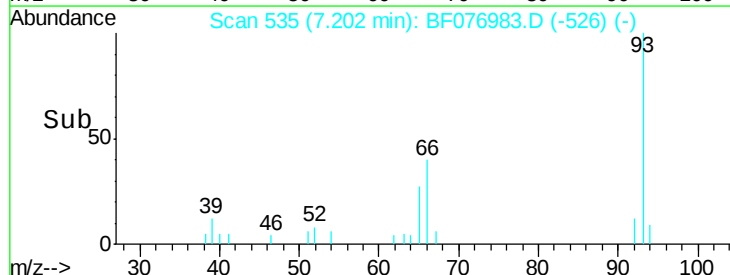
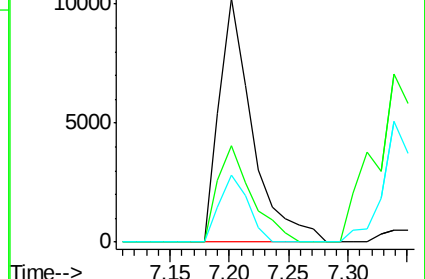
Tgt Ion:	93	Resp:	19846
Ion	Ratio	Lower	Upper
93	100		
66	39.8	35.0	52.4
65	27.3	17.7	26.5#

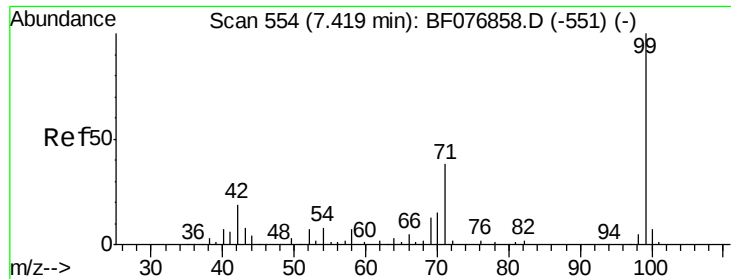


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 33.38 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

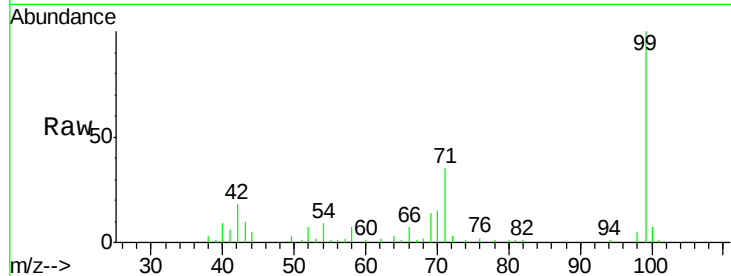
Tot Ion: 99 Resp: 87471

Ion Ratio Lower Upper

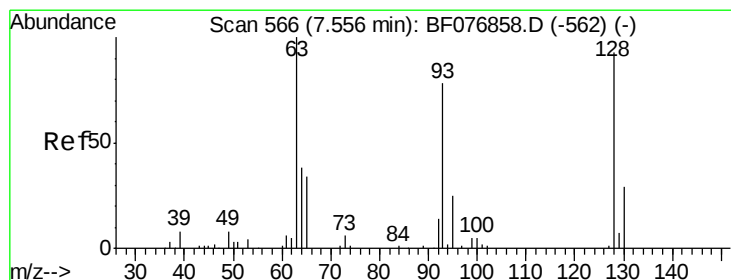
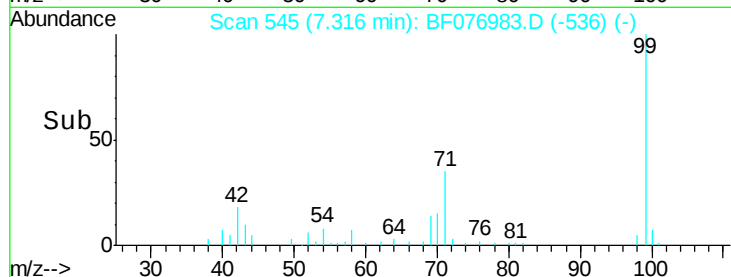
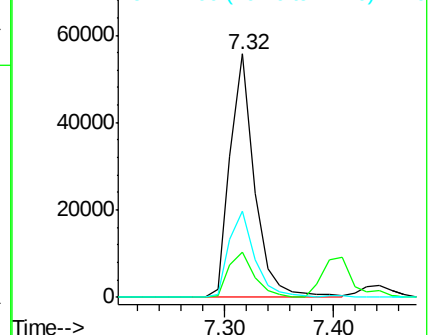
99 100

42 18.3 15.0 22.4

71 35.1 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.94 ng

RT: 7.44 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

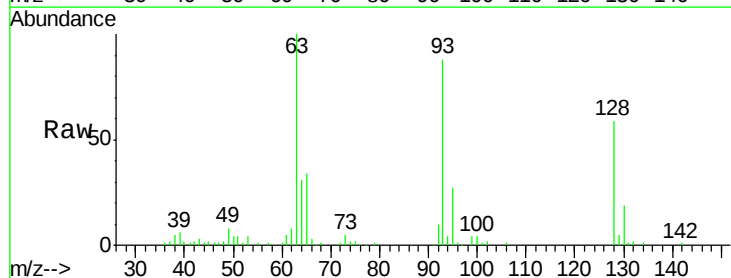
Tgt Ion: 128 Resp: 76482

Ion Ratio Lower Upper

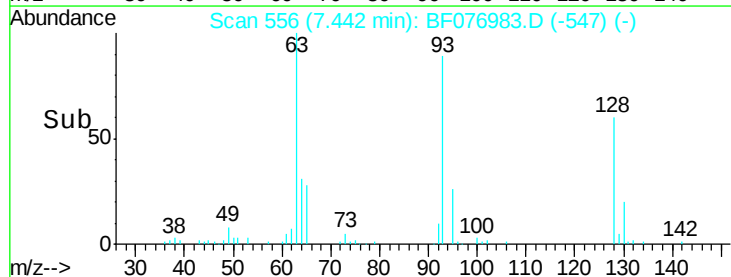
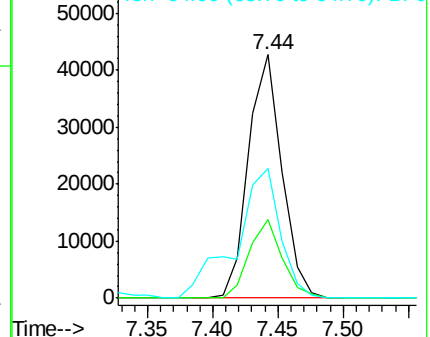
128 100

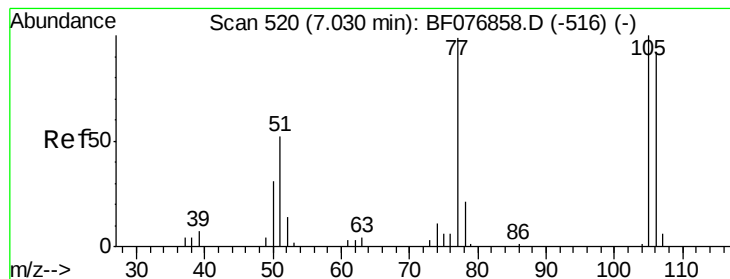
130 32.5 11.0 51.0

64 53.1 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: 19.49 ng

RT: 6.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

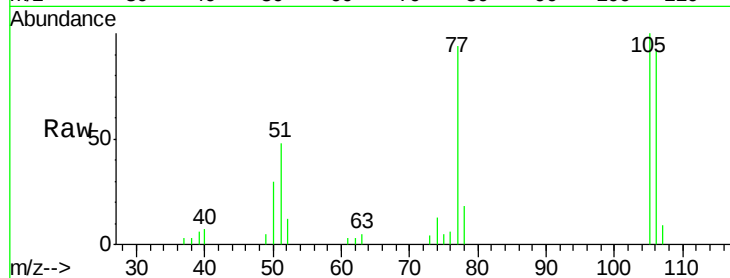
Tot Ion: 77 Resp: 32253

Ion Ratio Lower Upper

77 100

105 106.3 81.4 121.4

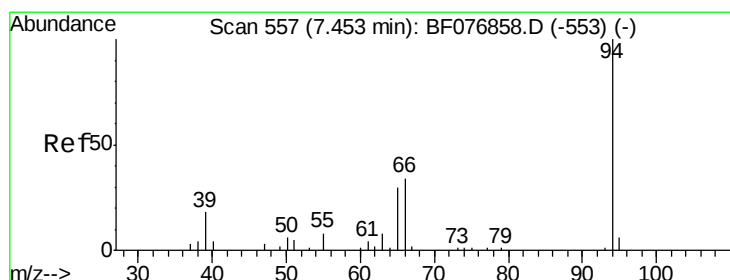
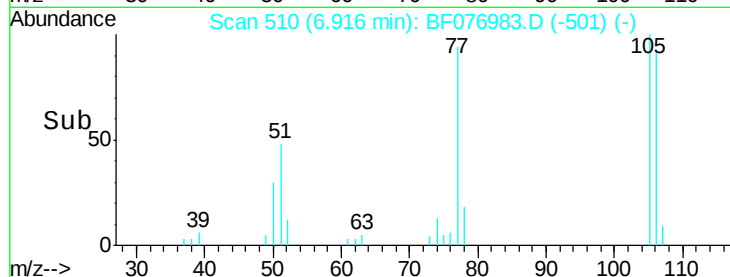
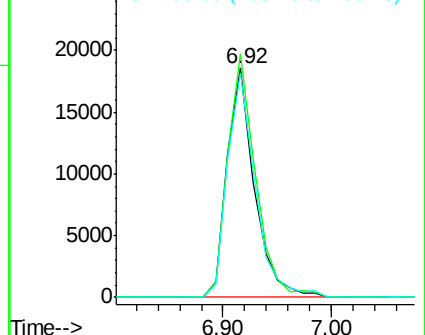
106 98.1 72.8 112.8



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: 11.86 ng

RT: 7.34 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

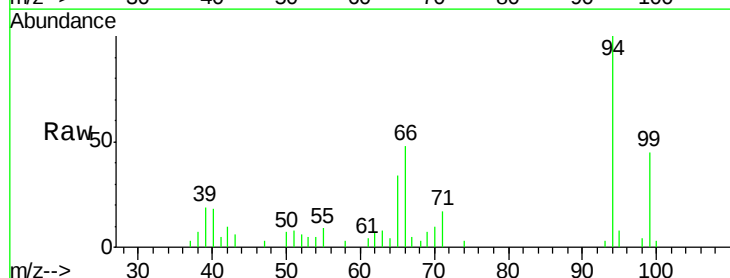
Tgt Ion: 94 Resp: 32999

Ion Ratio Lower Upper

94 100

65 34.0 11.3 51.3

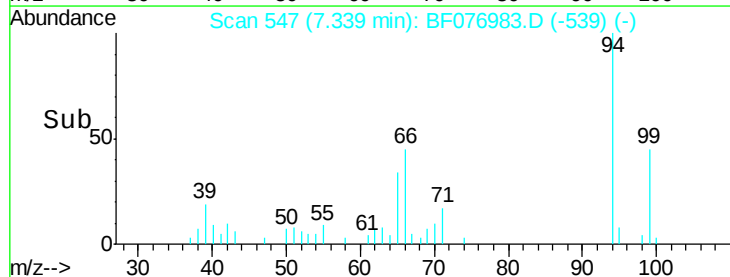
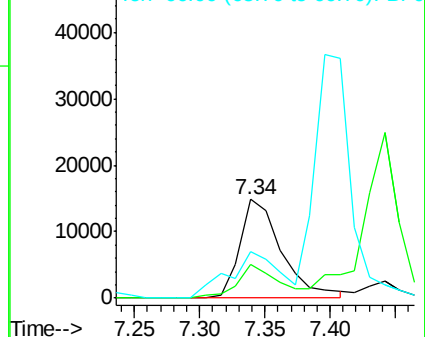
66 47.5 19.5 59.5

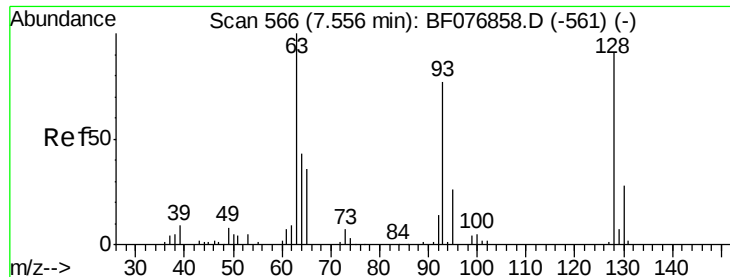


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

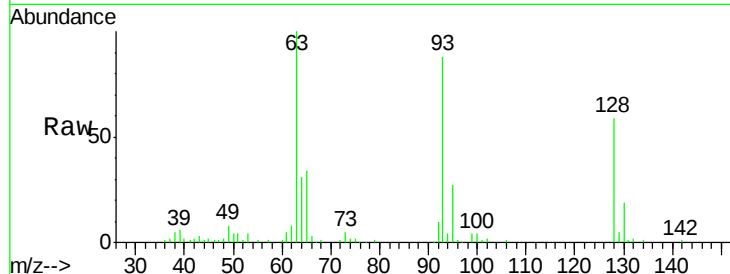




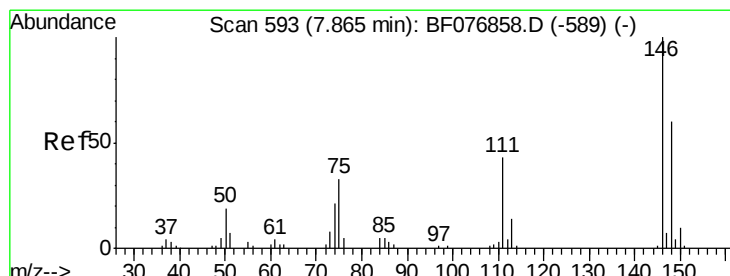
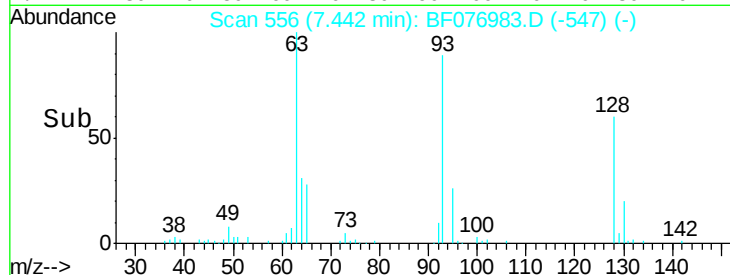
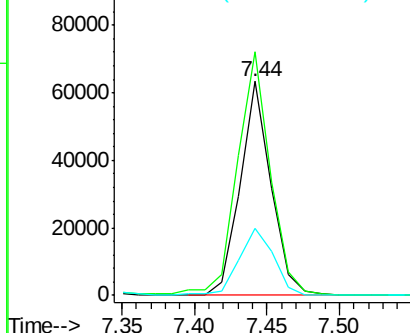
#11
bis(2-Chloroethyl)ether
Concen: 42.85 ng
RT: 7.44 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 93297
Ion Ratio Lower Upper
93 100
63 113.9 111.3 151.3
95 31.1 13.8 53.8

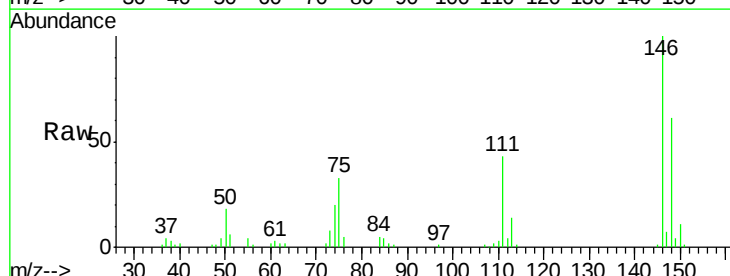


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

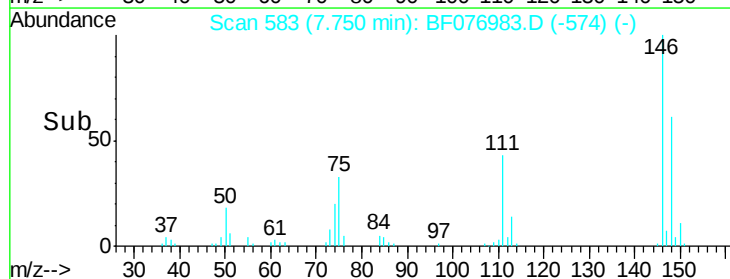
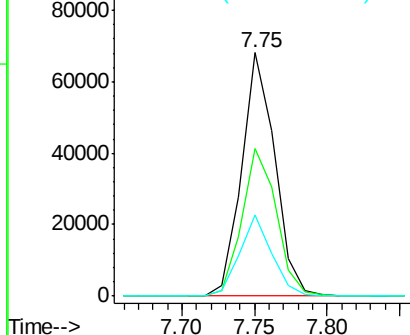


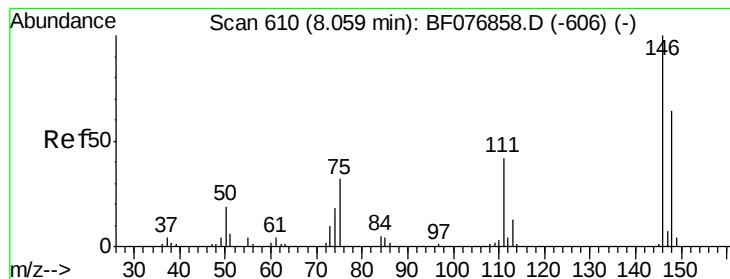
#12
1,3-Dichlorobenzene
Concen: 39.58 ng
RT: 7.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion: 146 Resp: 107853
Ion Ratio Lower Upper
146 100
148 60.8 48.1 72.1
75 33.2 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: 37.69 ng

RT: 7.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

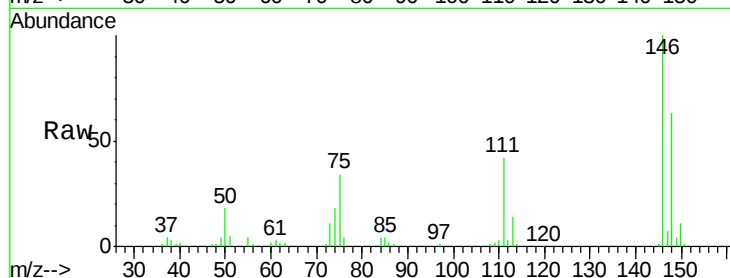
Tot Ion:146 Resp: 108902

Ion Ratio Lower Upper

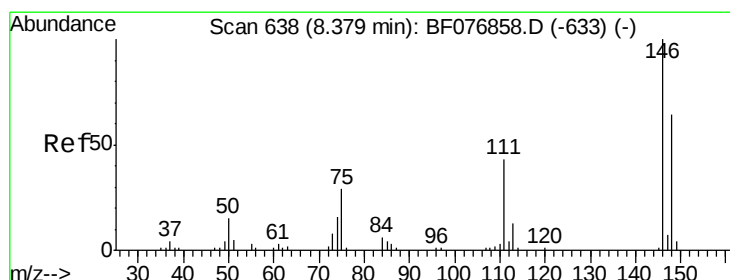
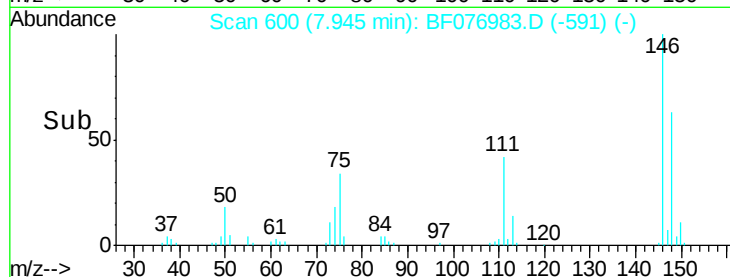
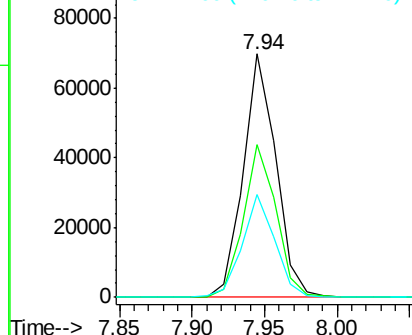
146 100

148 62.8 51.5 77.3

111 42.4 33.9 50.9



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



#14

1,2-Dichlorobenzene

Concen: 38.79 ng

RT: 8.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

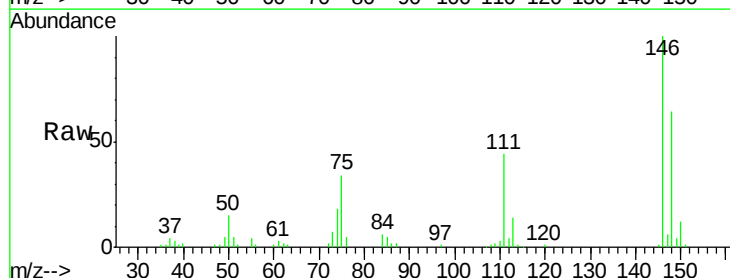
Tgt Ion:146 Resp: 103255

Ion Ratio Lower Upper

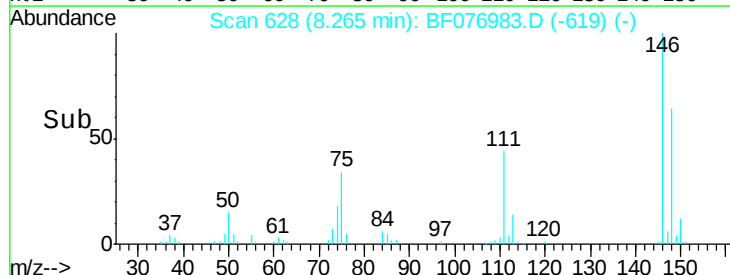
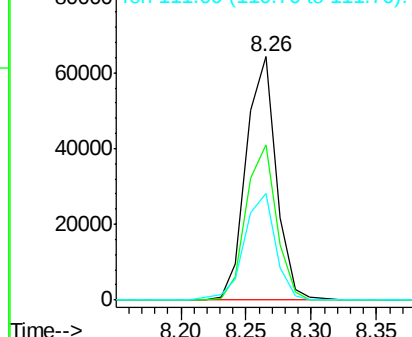
146 100

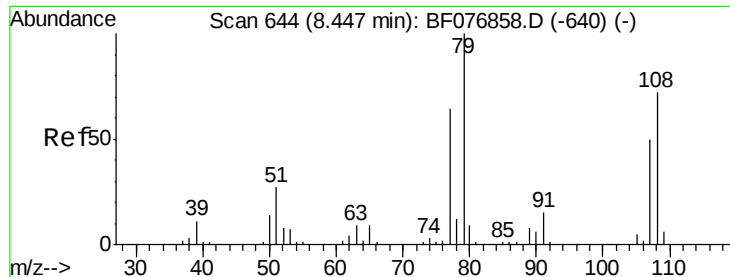
148 63.9 51.3 76.9

111 44.0 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: 25.00 ng

RT: 8.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :
BNA_F
ClientSampled :

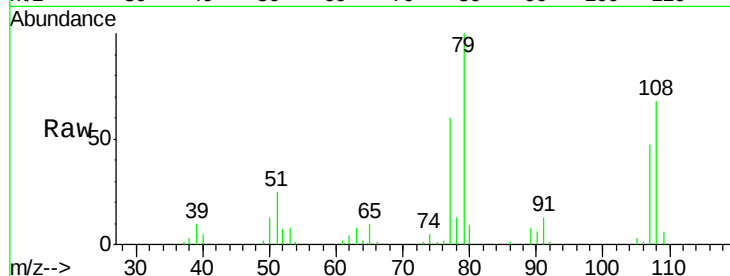
Tot Ion: 79 Resp: 53010

Ion Ratio Lower Upper

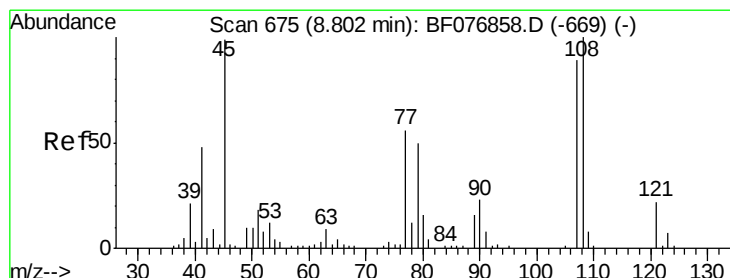
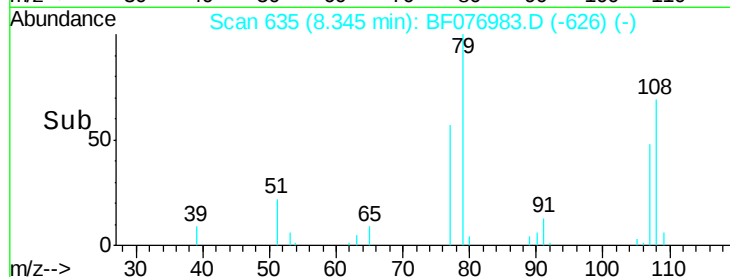
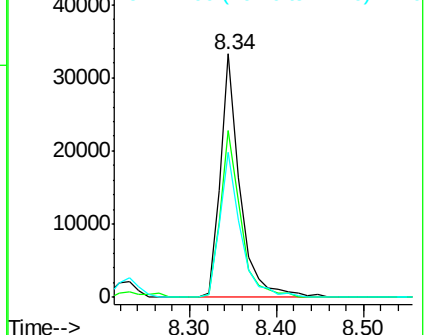
79 100

108 68.3 57.2 85.8

77 59.6 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: 41.44 ng

RT: 8.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

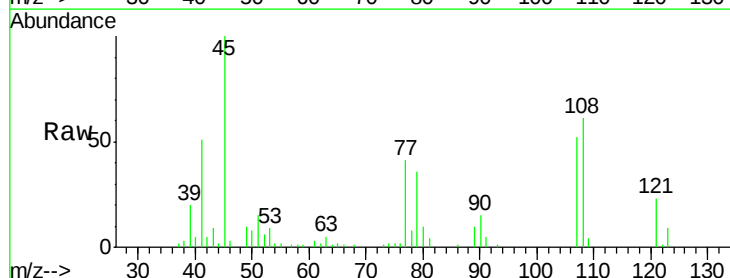
Tgt Ion: 45 Resp: 121286

Ion Ratio Lower Upper

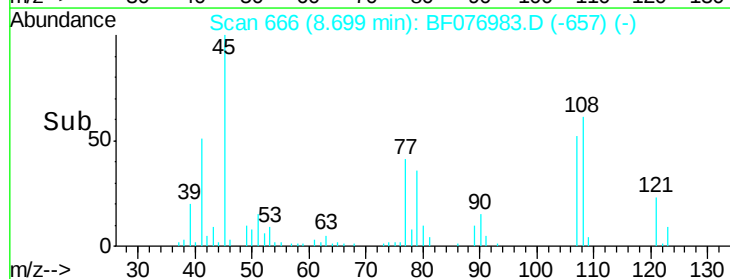
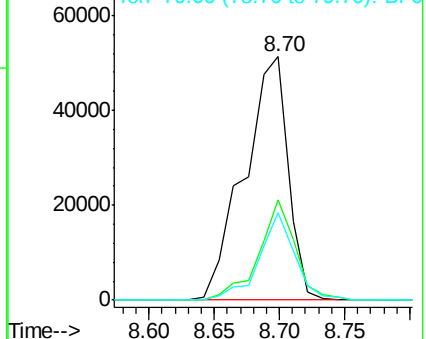
45 100

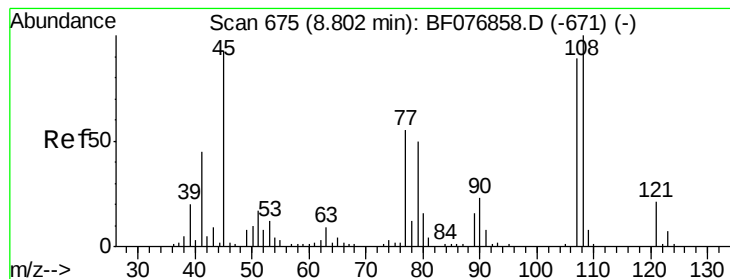
77 40.9 36.1 76.1

79 36.1 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

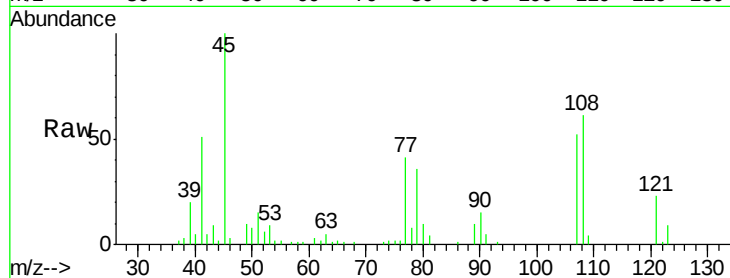




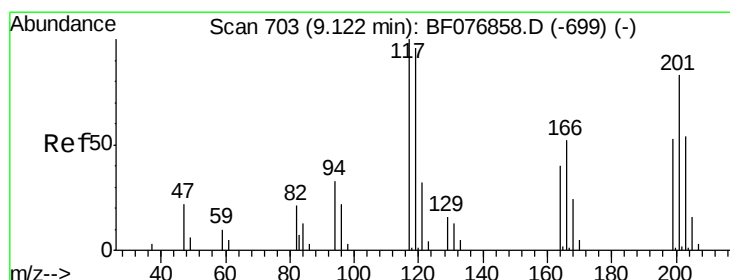
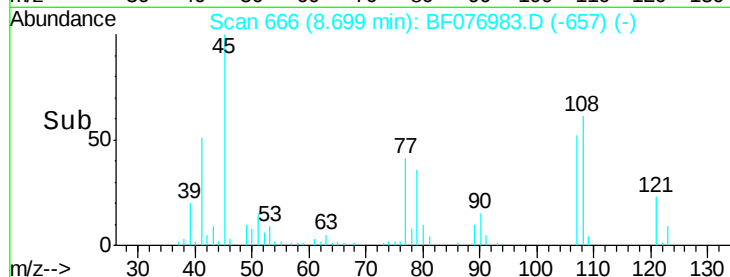
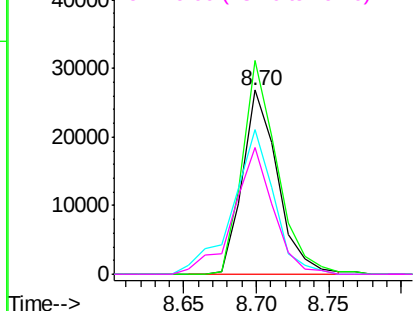
#17
2-Methylphenol
Concen: 23.07 ng
RT: 8.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 45145
Ion Ratio Lower Upper
107 100
108 116.2 89.7 134.5
77 78.4 50.1 75.1#
79 69.1 45.0 67.6#

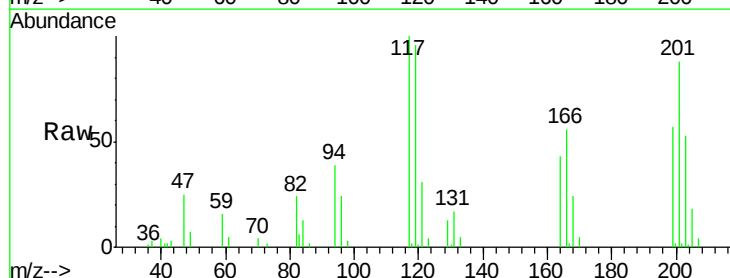


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

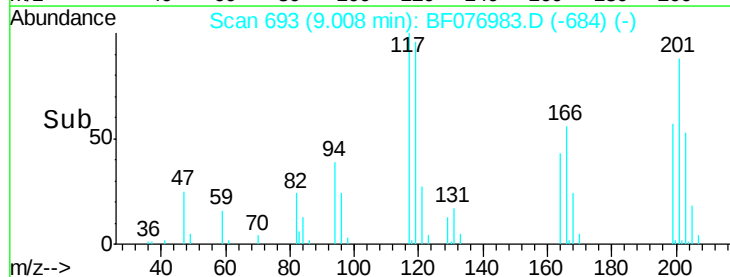
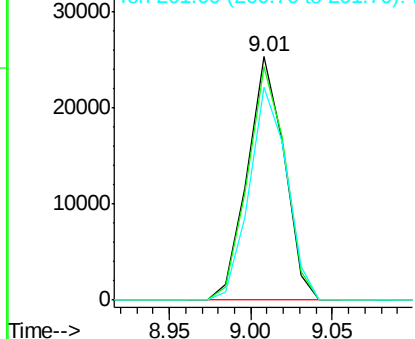


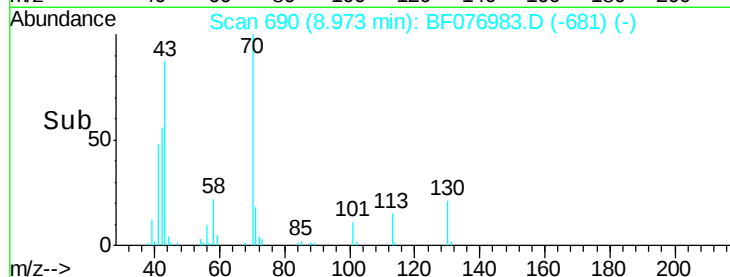
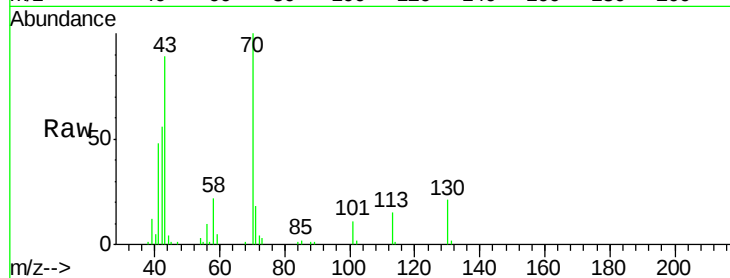
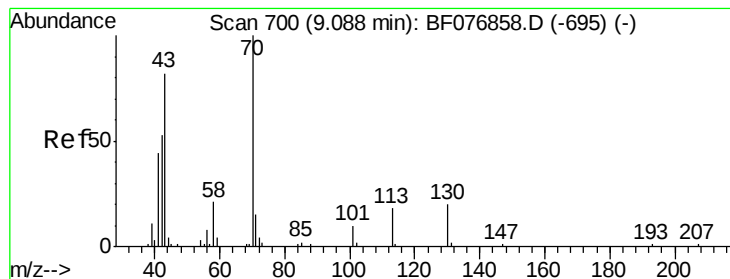
#18
Hexachloroethane
Concen: 39.61 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:117 Resp: 39810
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7
201 87.6 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: 40.39 ng

RT: 8.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 74099

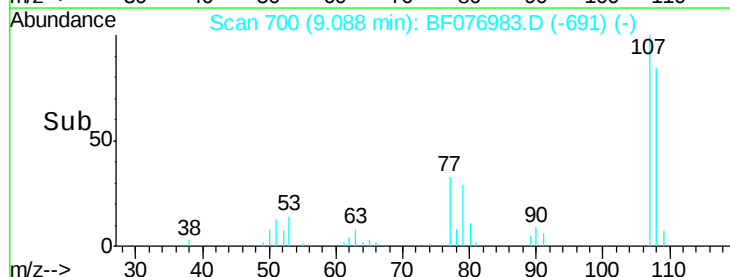
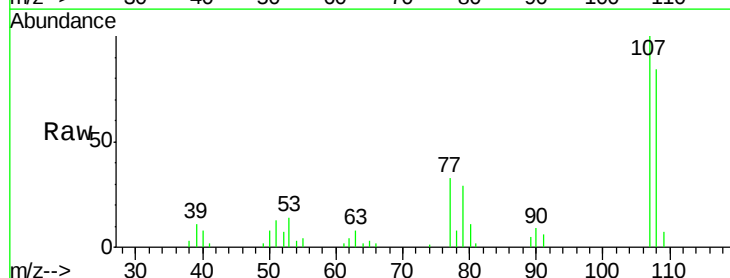
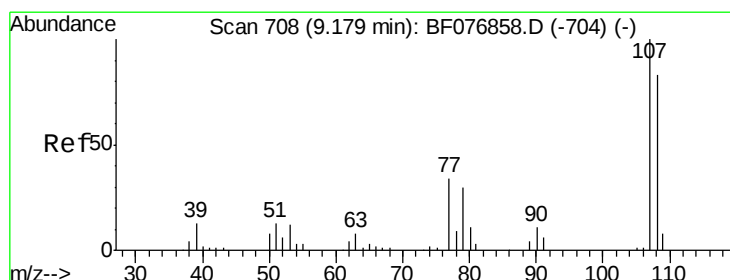
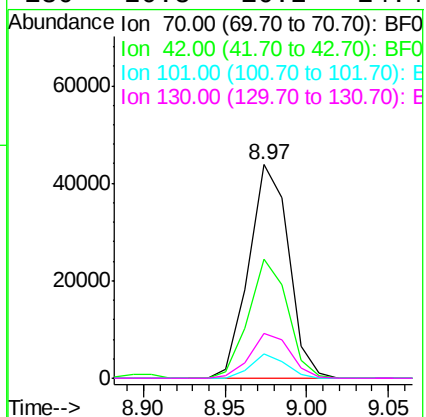
Ion Ratio Lower Upper

70 100

42 55.9 42.1 63.1

101 11.3 7.8 11.8

130 20.8 16.2 24.4



#20

3+4-Methylphenols

Concen: 19.93 ng

RT: 9.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Tgt Ion: 107 Resp: 51648

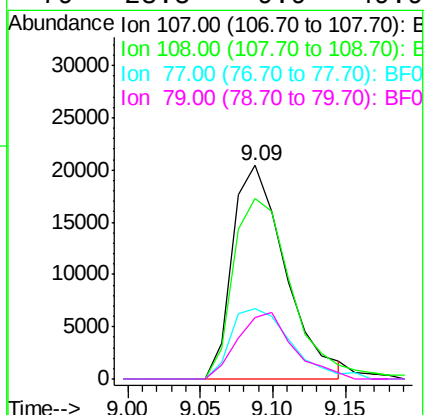
Ion Ratio Lower Upper

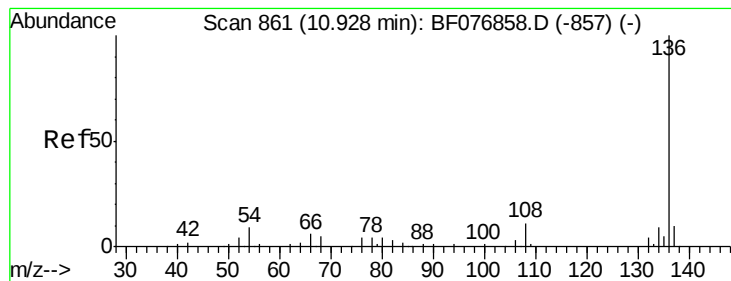
107 100

108 84.3 63.5 103.5

77 33.1 14.0 54.0

79 28.5 9.9 49.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 141189

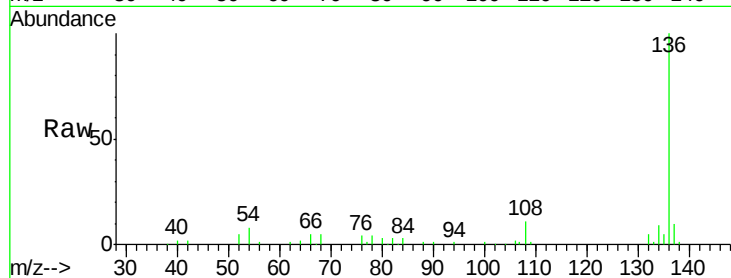
Ion Ratio Lower Upper

136 100

137 10.0 8.1 12.1

54 7.5 7.0 10.4

68 4.8 3.7 5.5

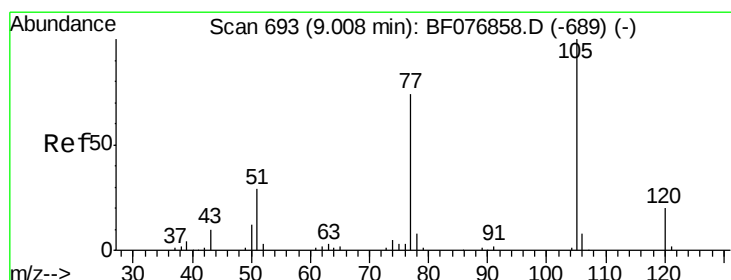
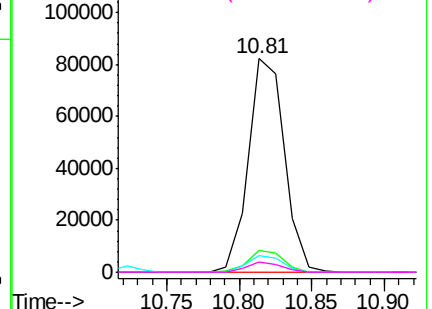
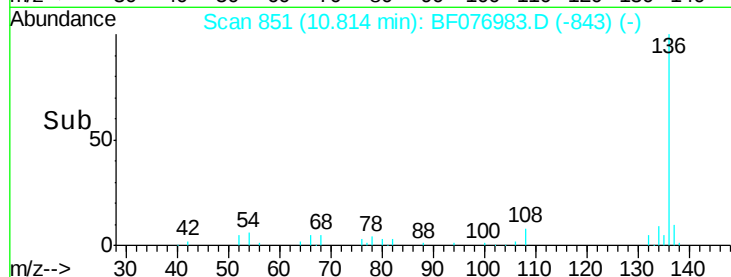


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.69 ng

RT: 8.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Tgt Ion:105 Resp: 151088

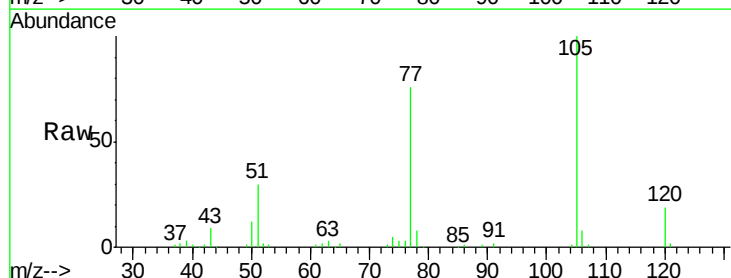
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 29.5 23.3 34.9

120 19.3 16.1 24.1

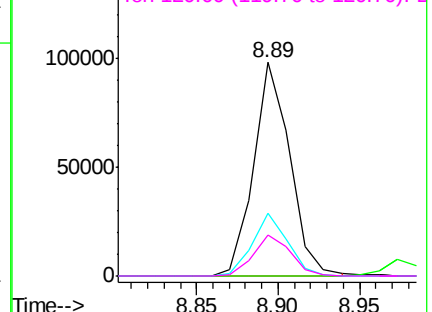
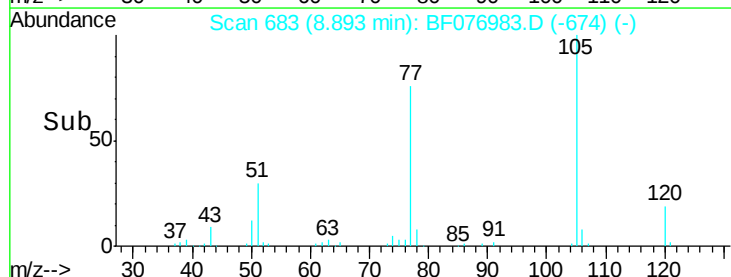


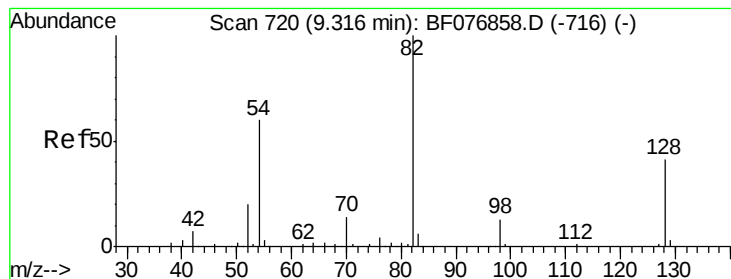
Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.08 ng

RT: 9.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

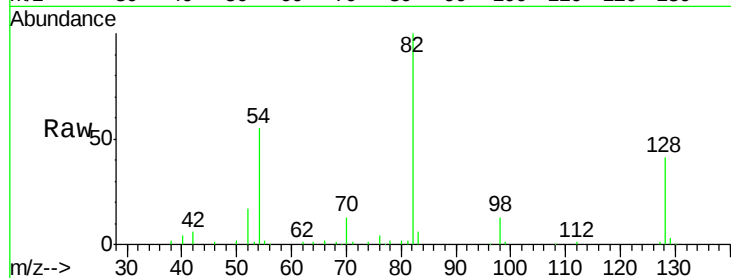
Tot Ion: 82 Resp: 221927

Ion Ratio Lower Upper

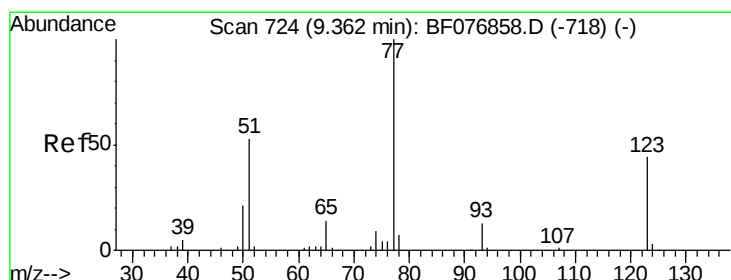
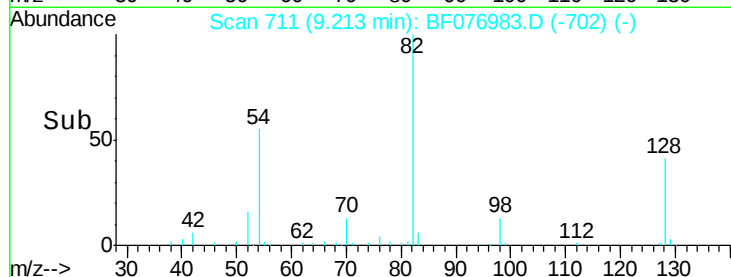
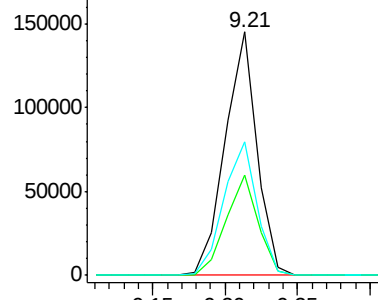
82 100

128 41.3 33.1 49.7

54 54.9 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: 43.56 ng

RT: 9.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

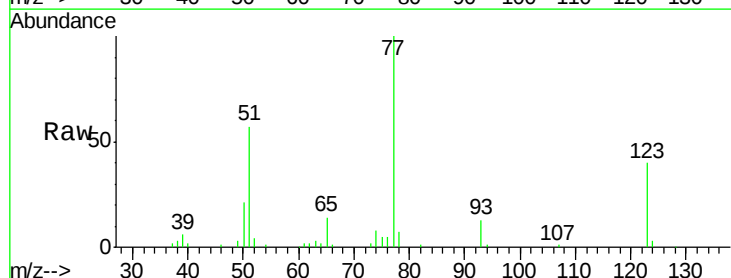
Tgt Ion: 77 Resp: 113087

Ion Ratio Lower Upper

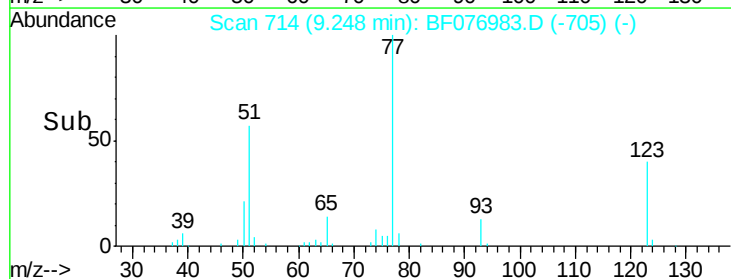
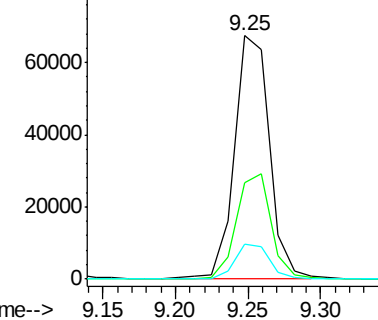
77 100

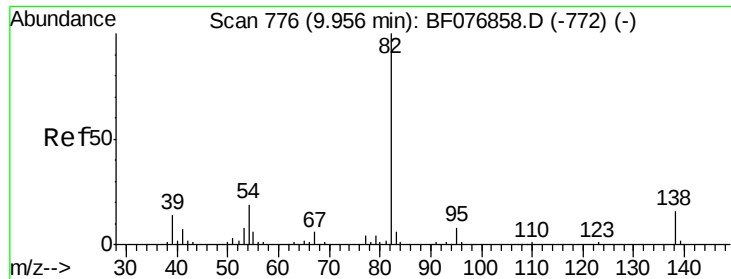
123 39.6 35.2 52.8

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: 43.20 ng

RT: 9.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

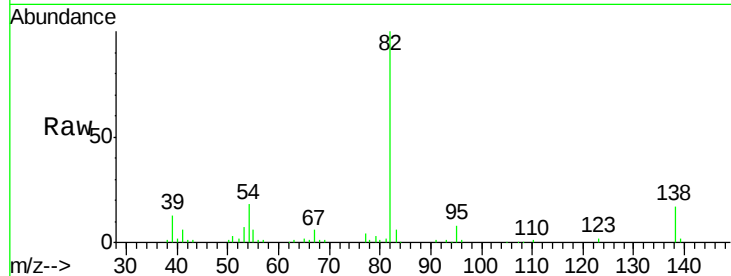
Tot Ion: 82 Resp: 200497

Ion Ratio Lower Upper

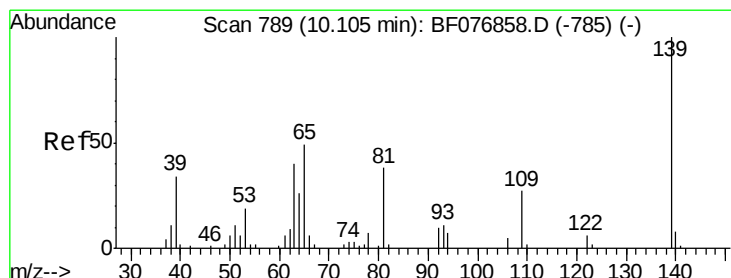
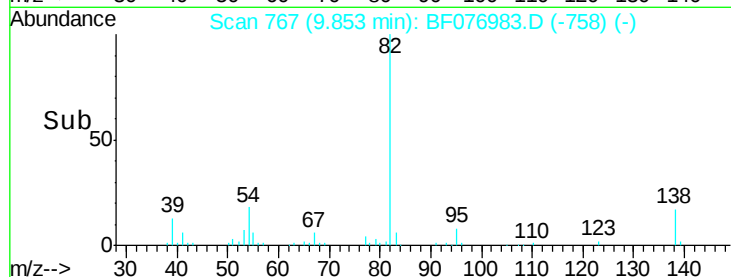
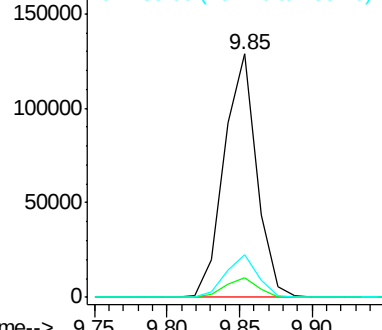
82 100

95 7.9 6.6 10.0

138 17.3 12.6 18.8



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



#26

2-Nitrophenol

Concen: 38.62 ng

RT: 9.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

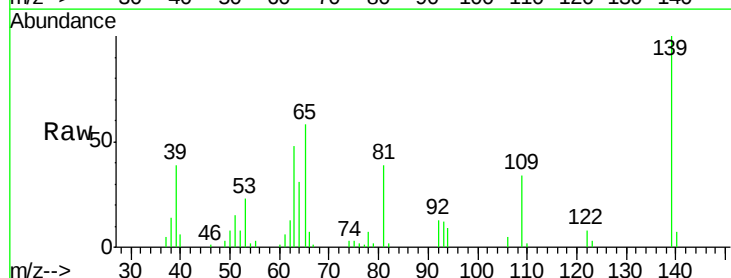
Tgt Ion: 139 Resp: 50870

Ion Ratio Lower Upper

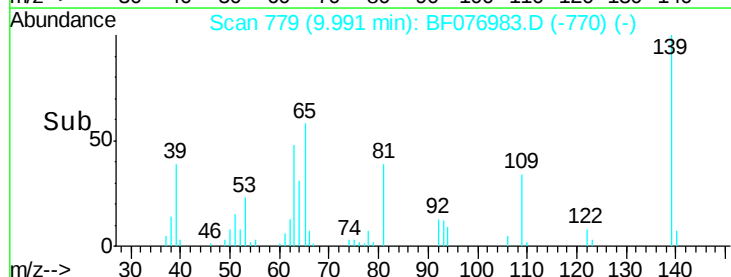
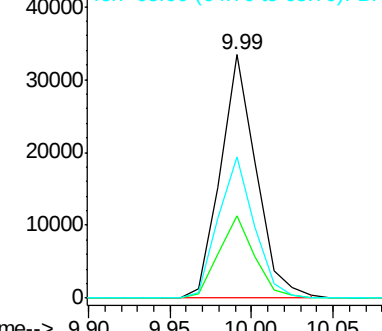
139 100

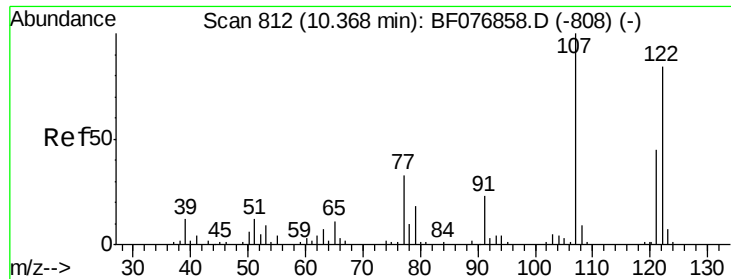
109 33.8 21.3 31.9#

65 57.9 39.4 59.0



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

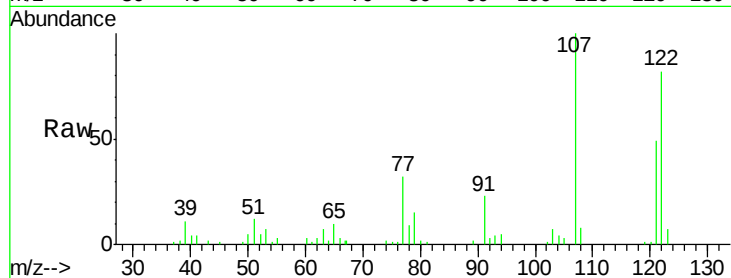




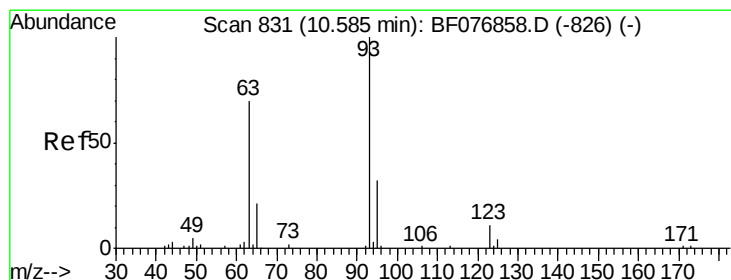
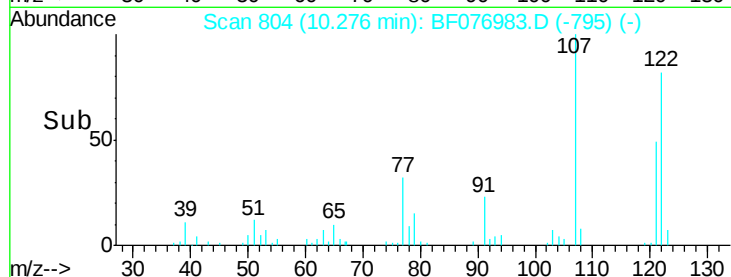
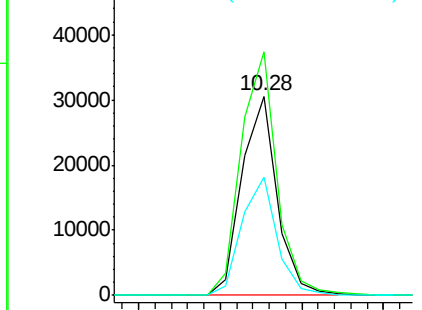
#27
 2,4-Dimethylphenol
 Concen: 22.78 ng
 RT: 10.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 45730
 Ion Ratio Lower Upper
 122 100
 107 122.2 95.2 142.8
 121 59.5 42.9 64.3

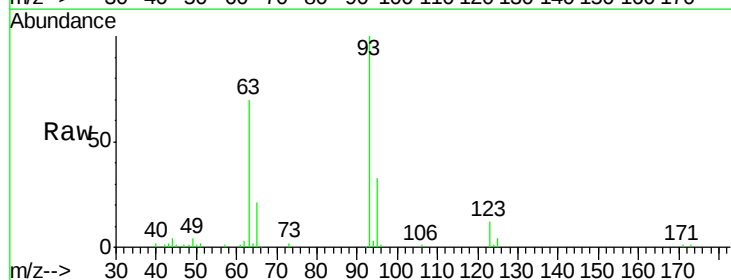


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

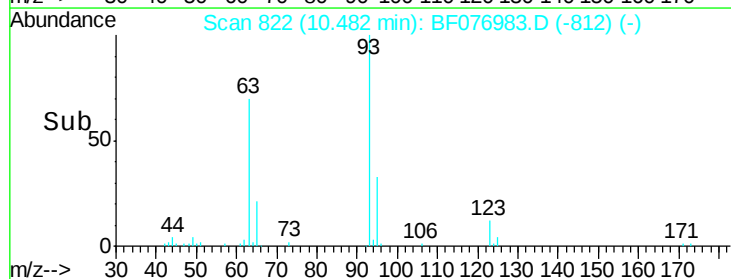
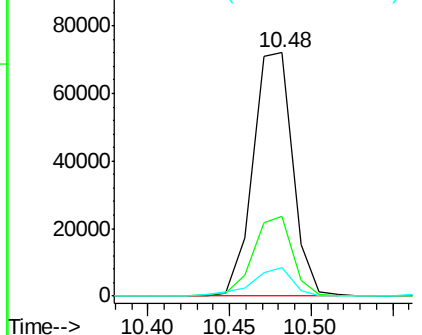


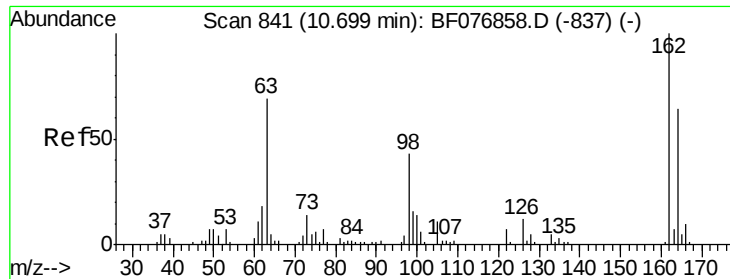
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.20 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Tgt Ion: 93 Resp: 121873
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.6 38.4
 123 11.6 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

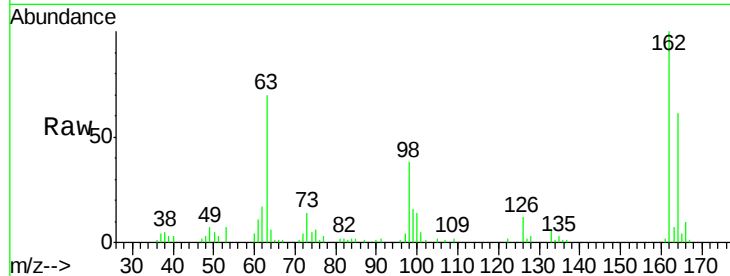




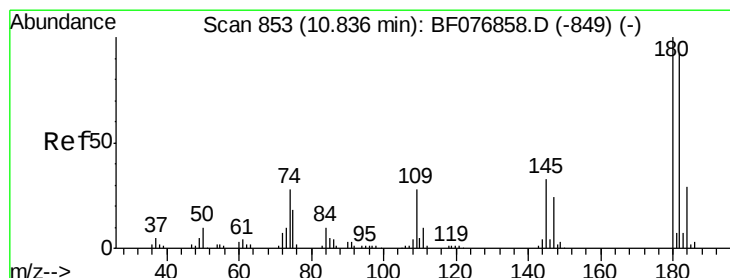
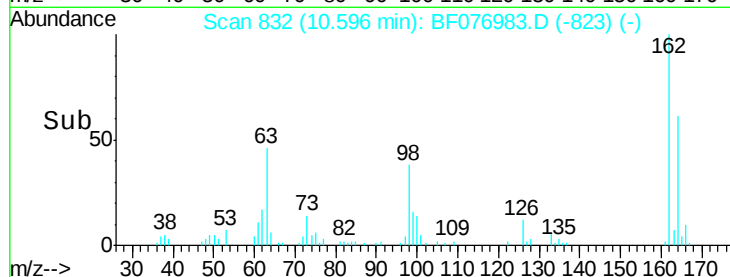
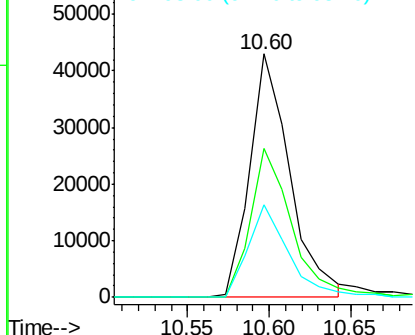
#29
 2,4-Dichlorophenol
 Concen: 39.41 ng
 RT: 10.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 73741
 Ion Ratio Lower Upper
 162 100
 164 61.1 43.8 83.8
 98 38.3 22.5 62.5

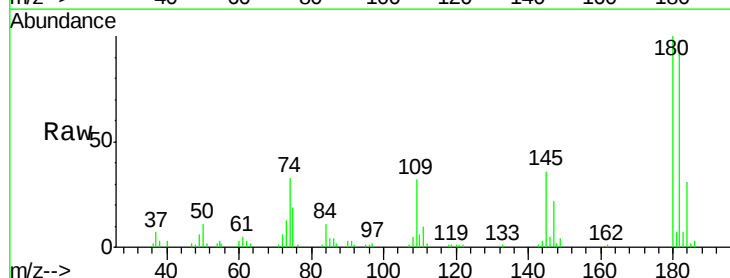


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

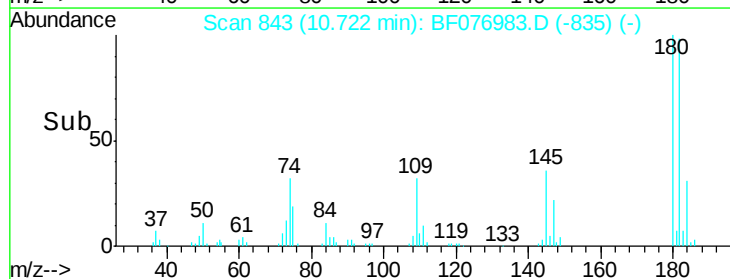
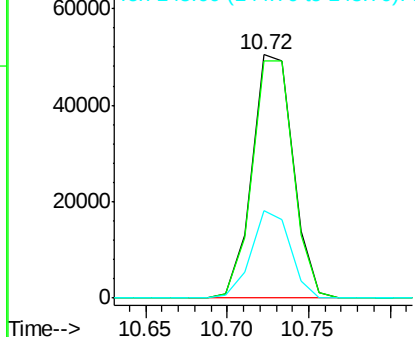


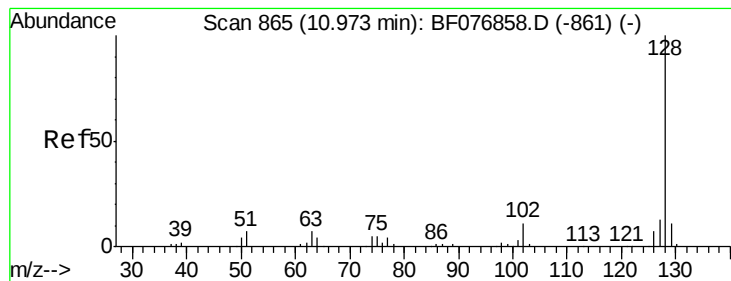
#30
 1,2,4-Trichlorobenzene
 Concen: 42.47 ng
 RT: 10.72 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Tgt Ion:180 Resp: 88268
 Ion Ratio Lower Upper
 180 100
 182 97.6 73.6 110.4
 145 35.8 26.6 39.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.04 ng

RT: 10.87 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

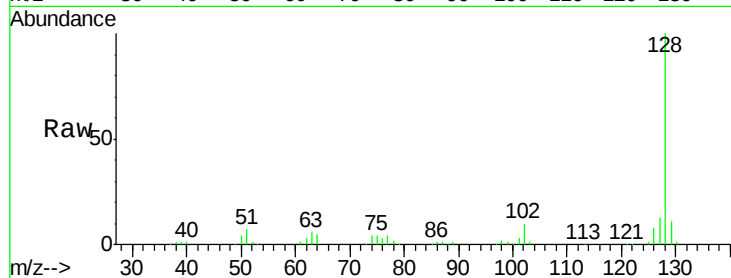
Tot Ion:128 Resp: 298326

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

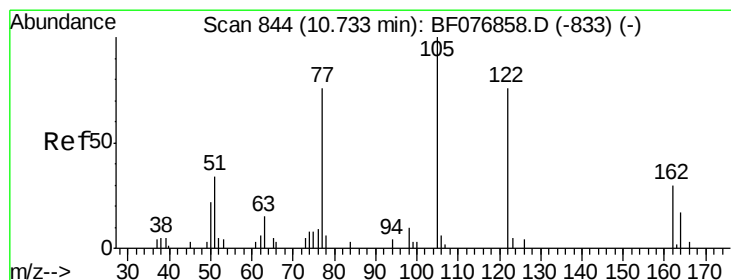
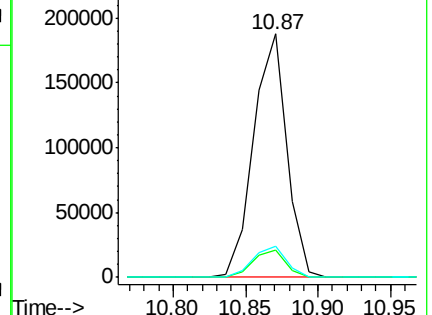
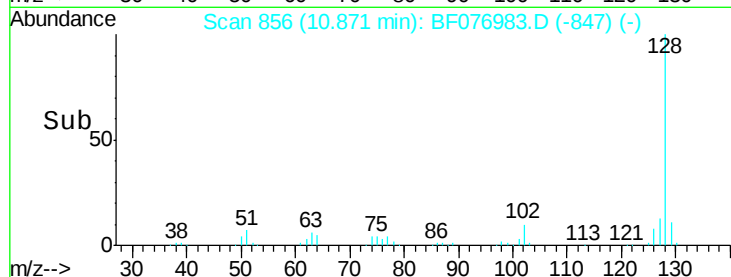
127 12.7 10.2 15.2



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: 11.47 ng

RT: 10.57 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

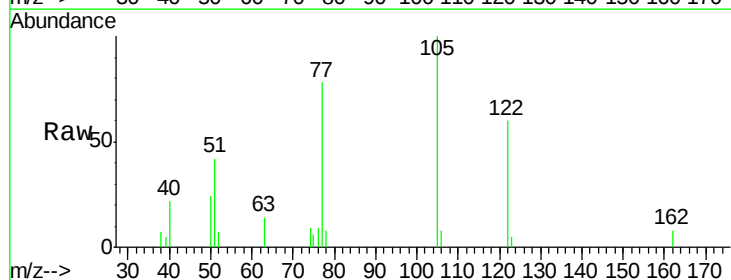
Tgt Ion:122 Resp: 12757

Ion Ratio Lower Upper

122 100

105 167.3 111.3 151.3#

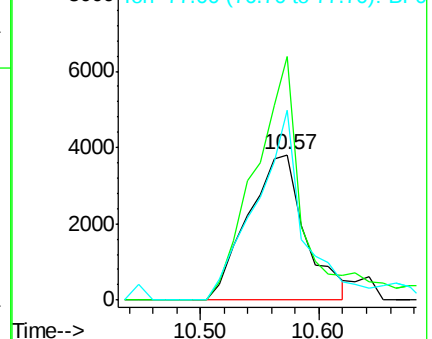
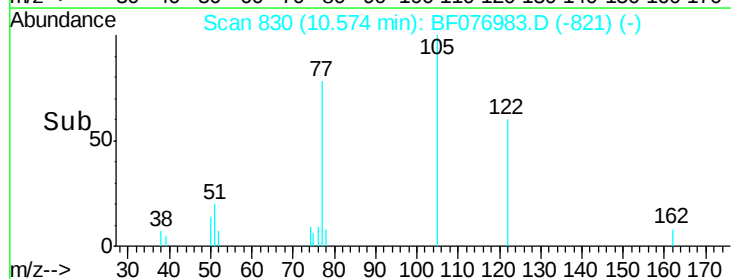
77 130.3 79.2 119.2#

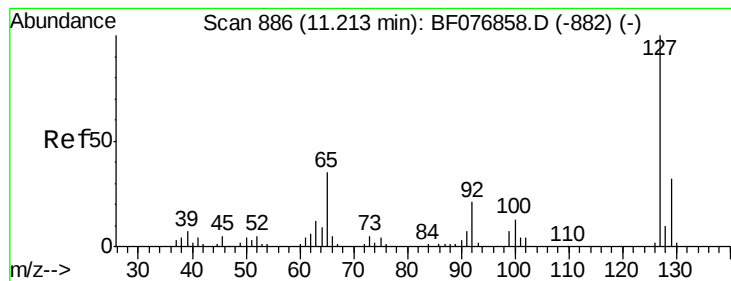


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

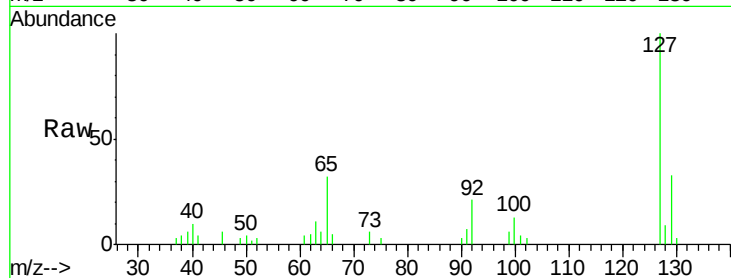




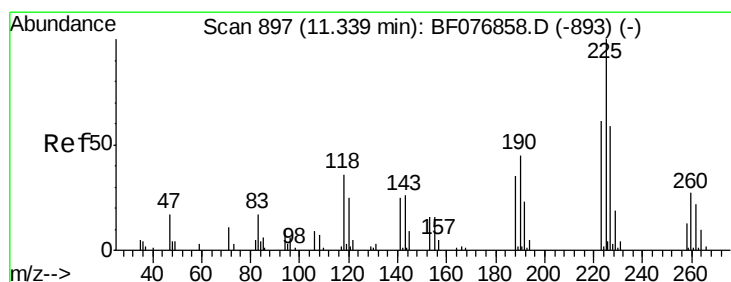
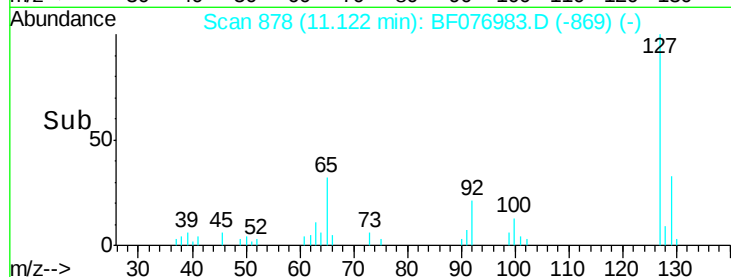
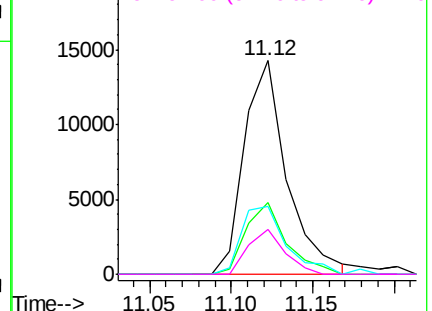
#33
4-Chloroaniline
Concen: 8.82 ng
RT: 11.12 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 25916
Ion Ratio Lower Upper
127 100
129 33.4 25.3 37.9
65 32.0 27.8 41.6
92 21.1 16.5 24.7

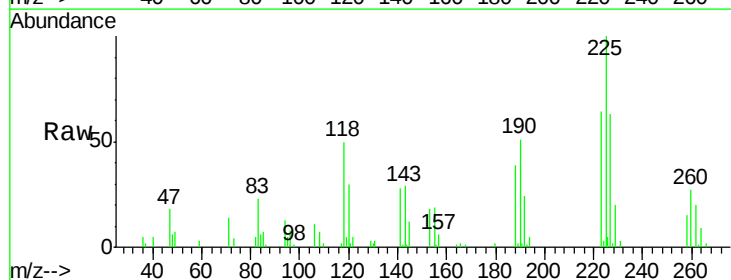


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

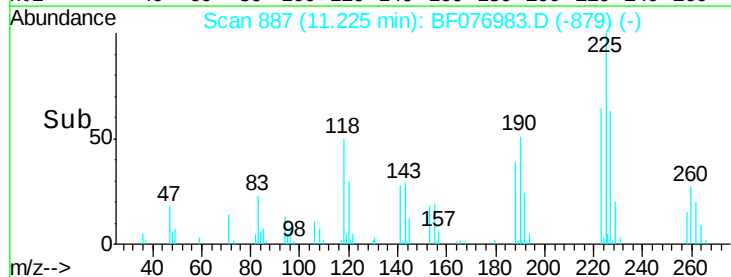
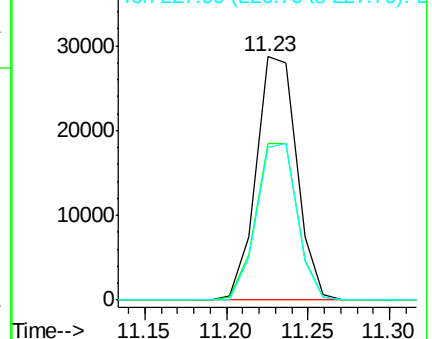


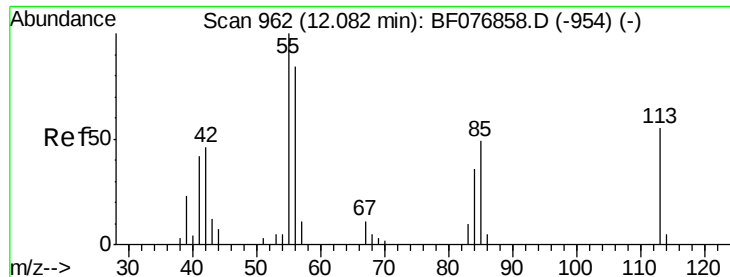
#34
Hexachlorobutadiene
Concen: 40.40 ng
RT: 11.23 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:225 Resp: 49824
Ion Ratio Lower Upper
225 100
223 64.3 49.1 73.7
227 63.0 47.5 71.3



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

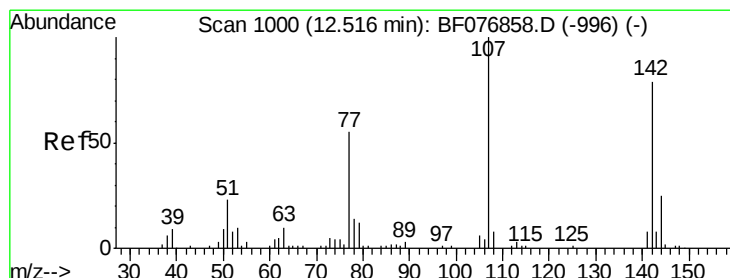
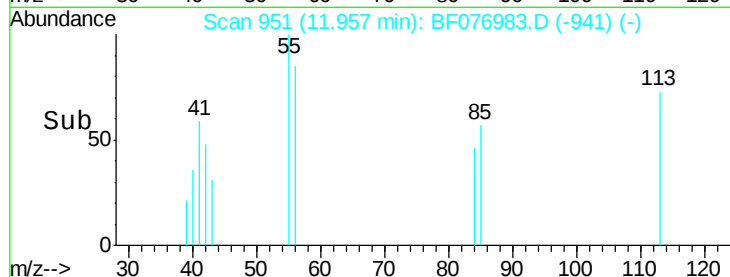
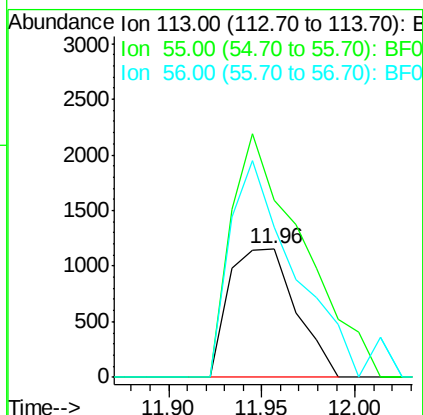
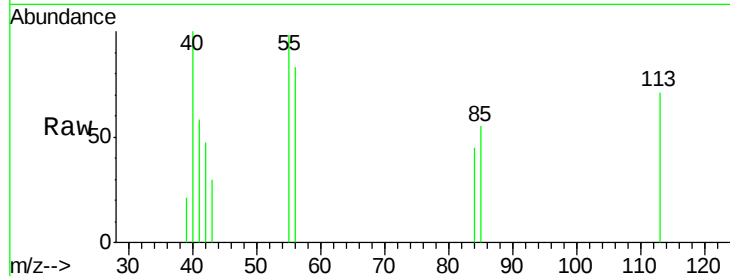




#35
 Caprolactam
 Concen: 5.24 ng
 RT: 11.96 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

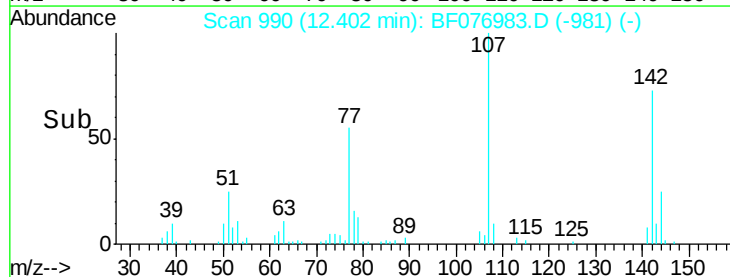
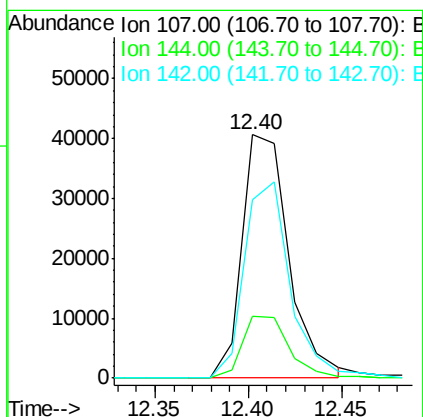
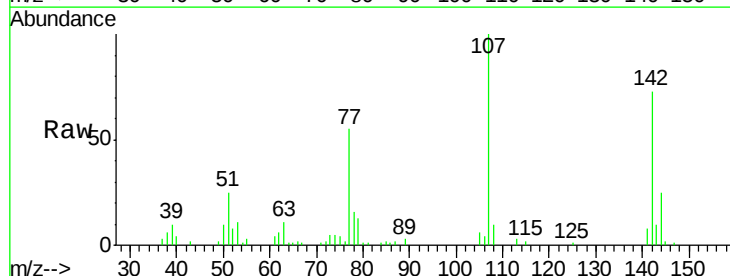
Instrument :
 BNA_F
 ClientSampled :

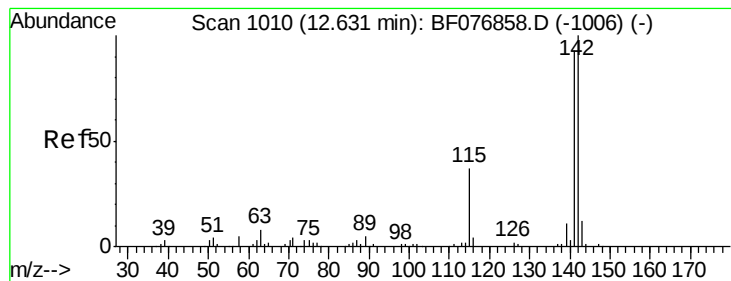
Tot Ion:113 Resp: 2886
 Ion Ratio Lower Upper
 113 100
 55 137.8 162.1 202.1#
 56 116.6 133.7 173.7#



#36
 4-Chloro-3-methylphenol
 Concen: 33.38 ng
 RT: 12.40 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Tgt Ion:107 Resp: 71512
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.0 30.0
 142 73.3 63.5 95.3





#37

2-Methylnaphthalene

Concen: 44.24 ng

RT: 12.53 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

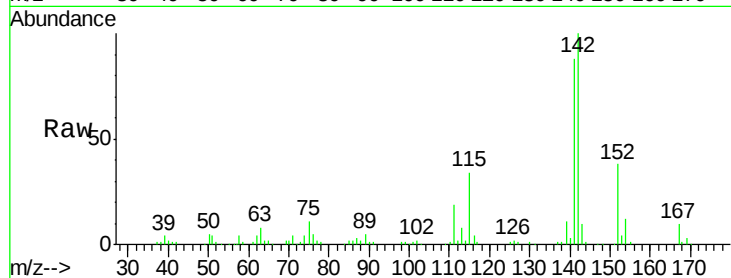
Tot Ion:142 Resp: 219595

Ion Ratio Lower Upper

142 100

141 87.7 74.5 111.7

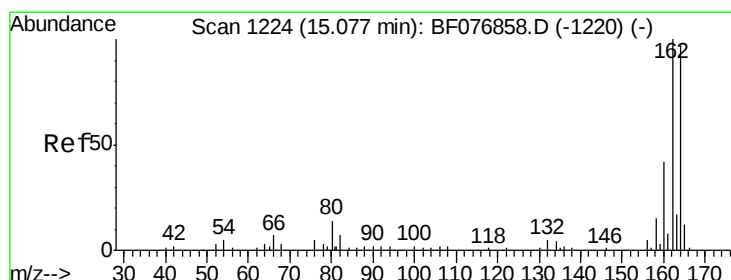
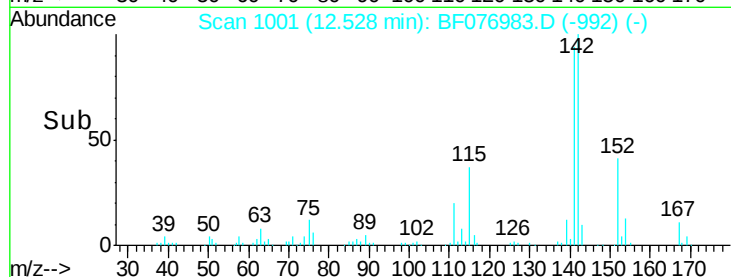
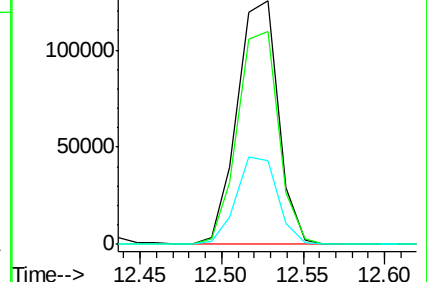
115 34.3 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.95 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

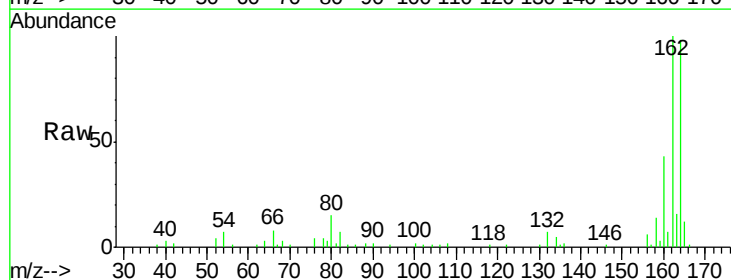
Tgt Ion:164 Resp: 76912

Ion Ratio Lower Upper

164 100

162 102.1 82.4 123.6

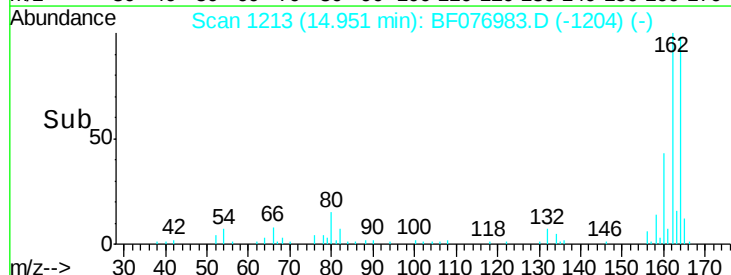
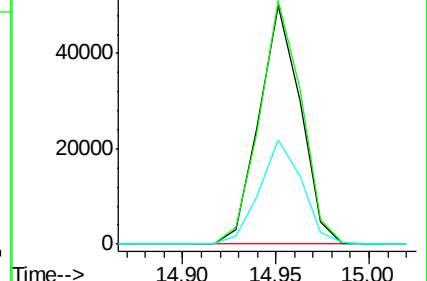
160 43.9 34.8 52.2

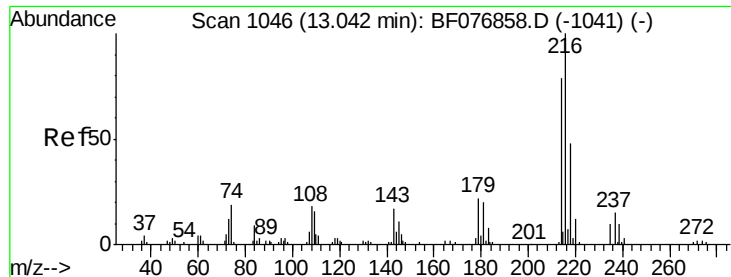


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.81 ng

RT: 12.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 83314

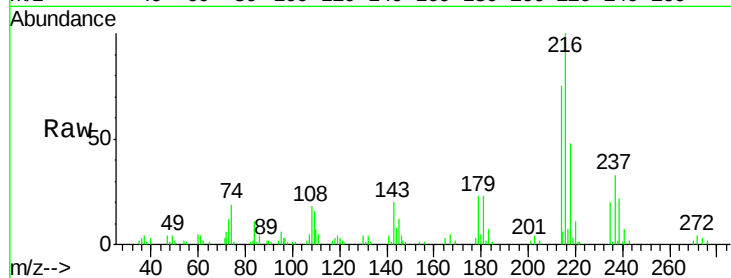
Ion Ratio Lower Upper

216 100

214 78.1 64.9 97.3

179 24.4 18.6 28.0

108 24.1 18.1 27.1

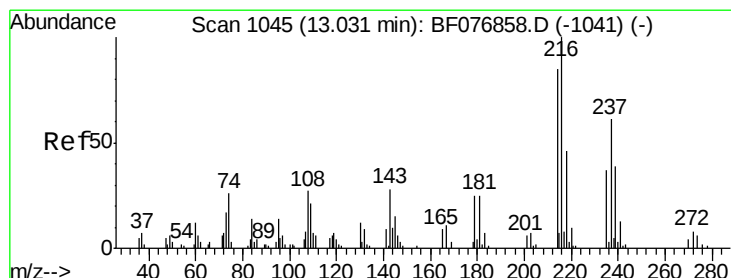
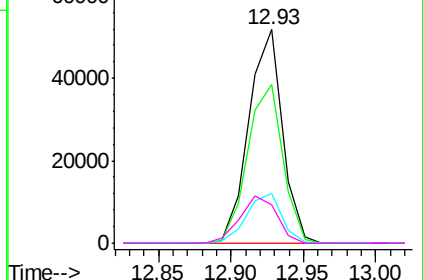
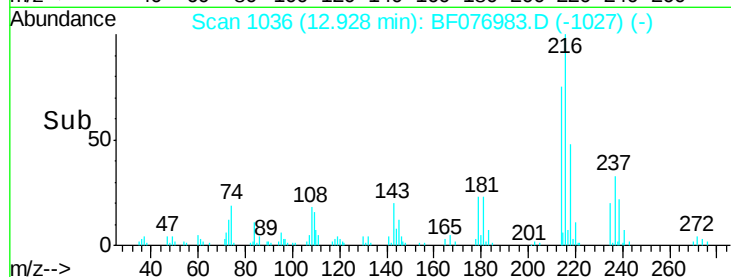


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.95 ng

RT: 12.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

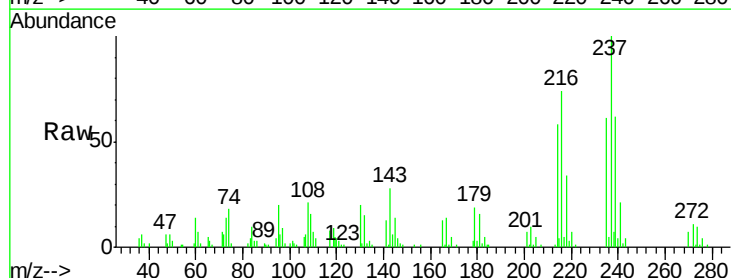
Tgt Ion:237 Resp: 91606

Ion Ratio Lower Upper

237 100

235 61.0 40.4 80.4

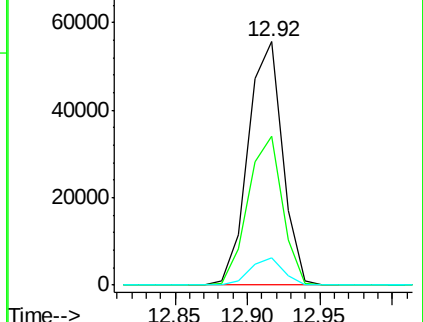
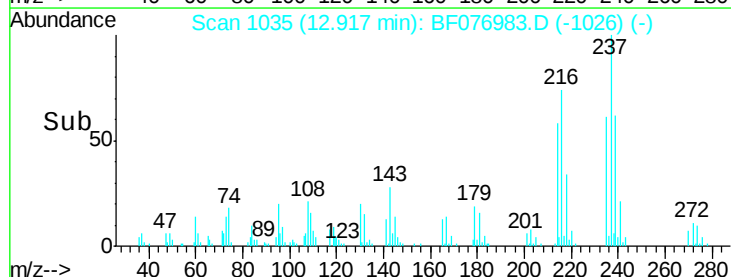
272 11.0 0.0 33.2

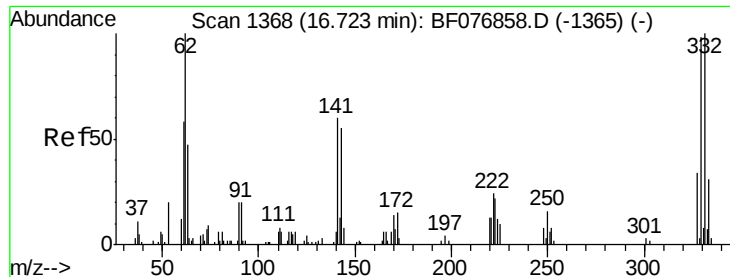


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 118.35 ng

RT: 16.64 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

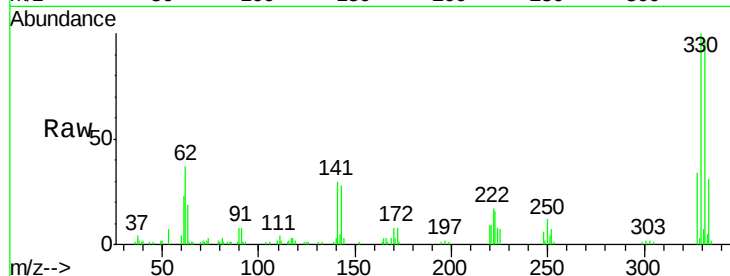
Tot Ion:330 Resp: 73890

Ion Ratio Lower Upper

330 100

332 95.0 77.8 116.6

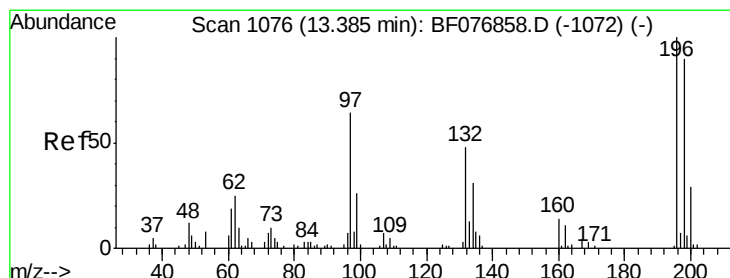
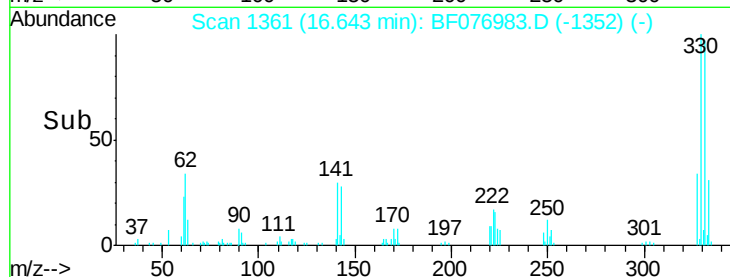
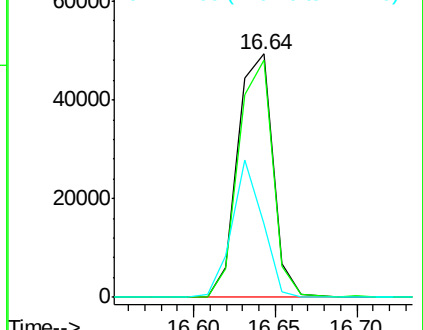
141 49.0 38.5 57.7



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.03 ng

RT: 13.27 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

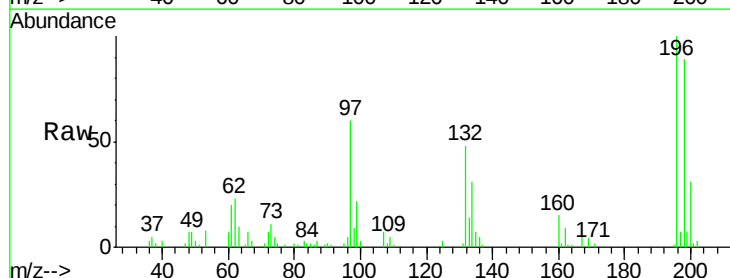
Tgt Ion:196 Resp: 54072

Ion Ratio Lower Upper

196 100

198 88.8 72.0 108.0

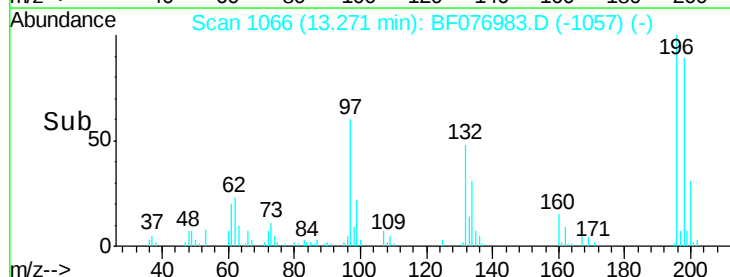
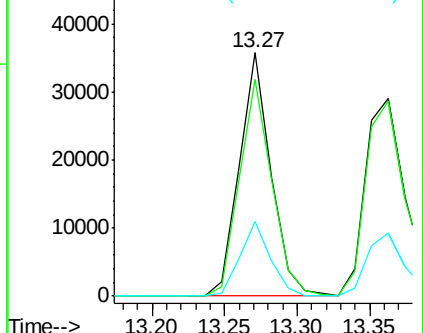
200 30.7 23.4 35.2

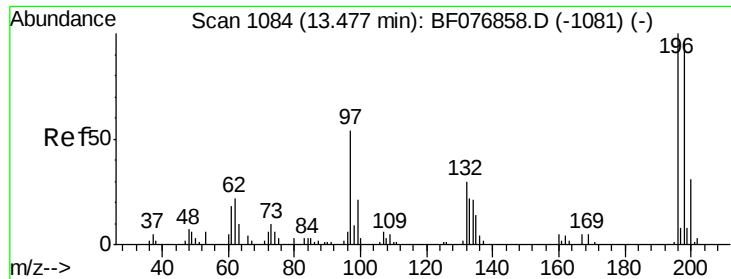


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

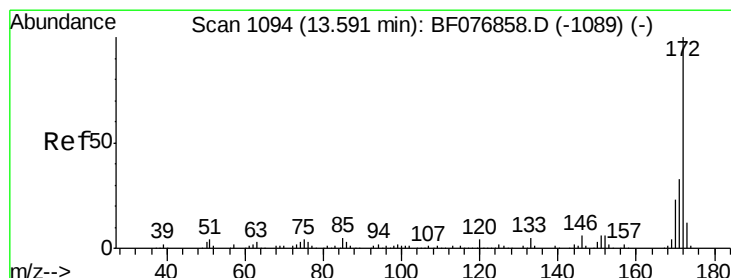
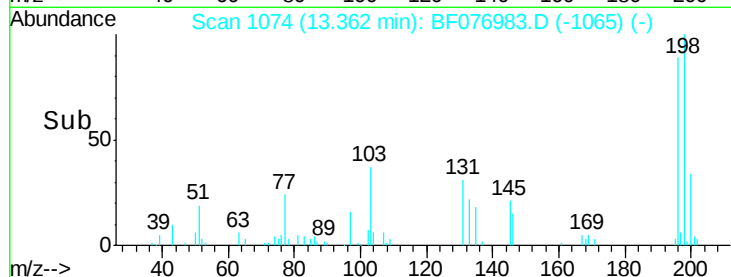
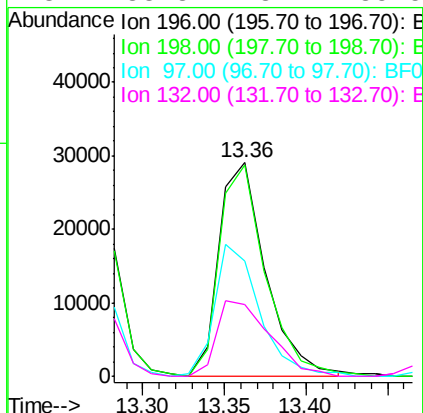
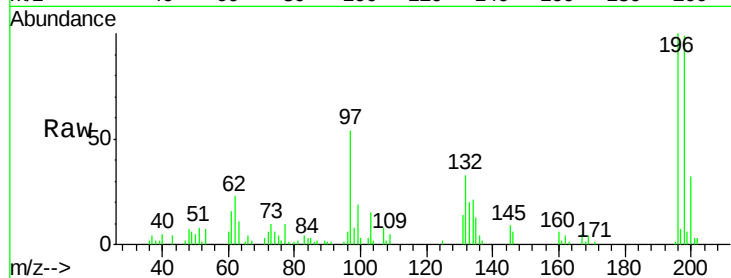




#43
 2,4,5-Trichlorophenol
 Concen: 40.95 ng
 RT: 13.36 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

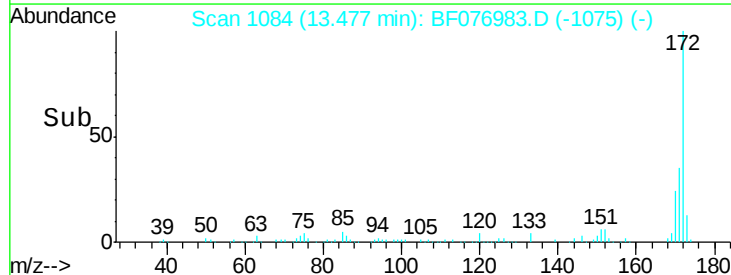
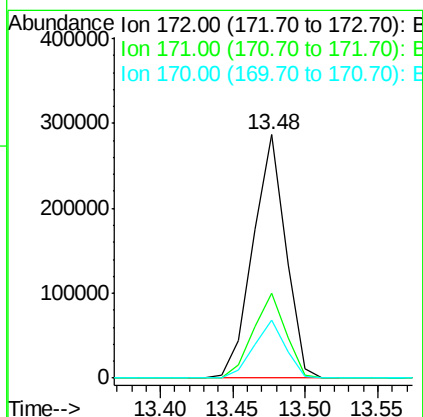
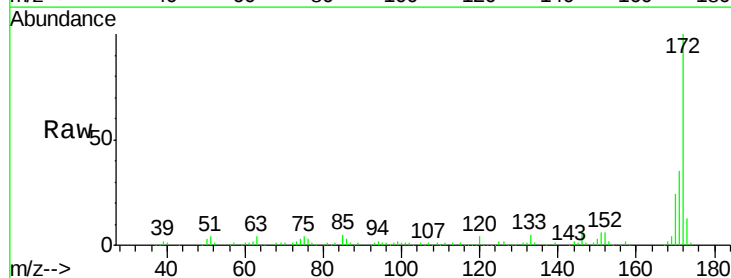
Instrument :
 BNA_F
 ClientSampled :

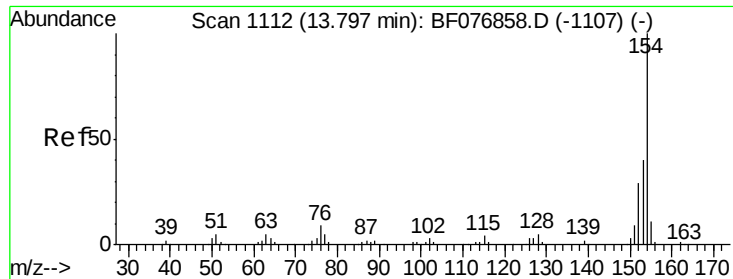
Tot Ion:196	Resp:	57865
Ion Ratio	Lower	Upper
196	100	
198	98.6	76.6 115.0
97	53.7	43.4 65.0
132	33.3	23.7 35.5



#44
 2-Fluorobiphenyl
 Concen: 88.67 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Tgt Ion:172	Resp:	448136
Ion Ratio	Lower	Upper
172	100	
171	35.0	26.6 40.0
170	23.8	18.0 27.0

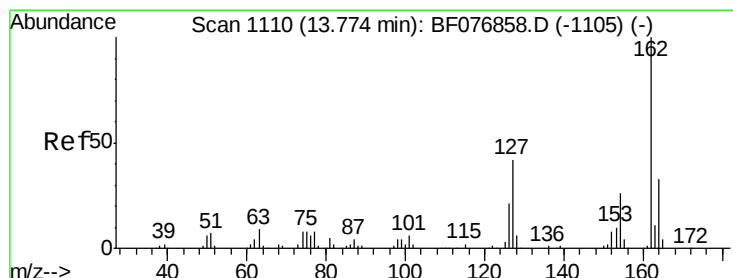
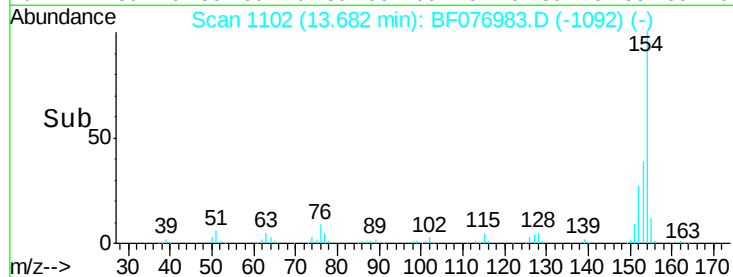
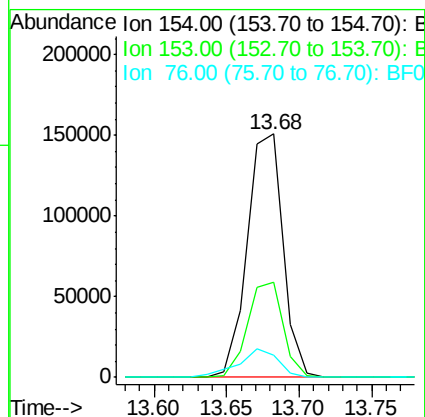
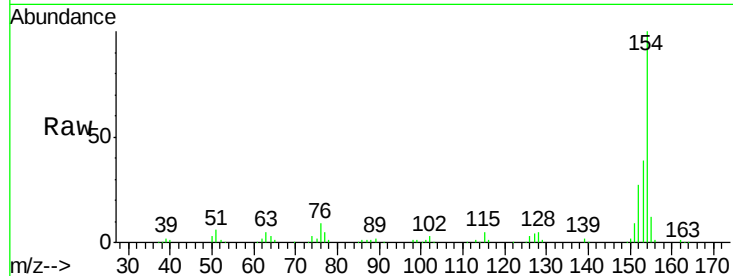




#45
 1,1'-Biphenyl
 Concen: 45.29 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

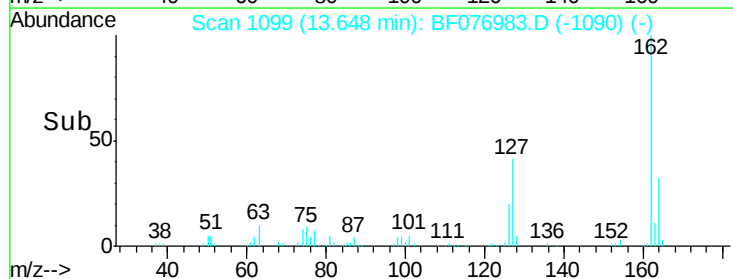
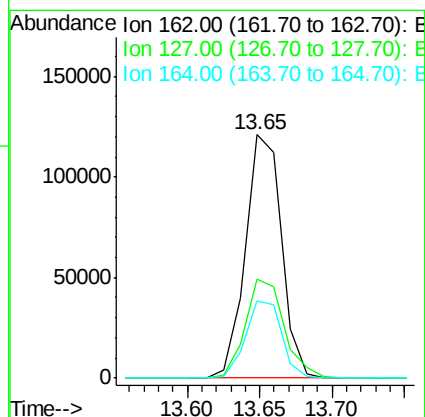
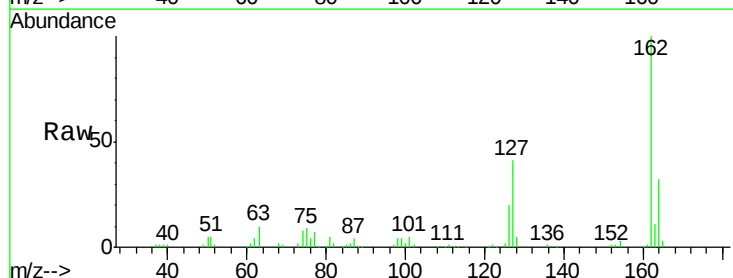
Instrument :
 BNA_F
 ClientSampleId :

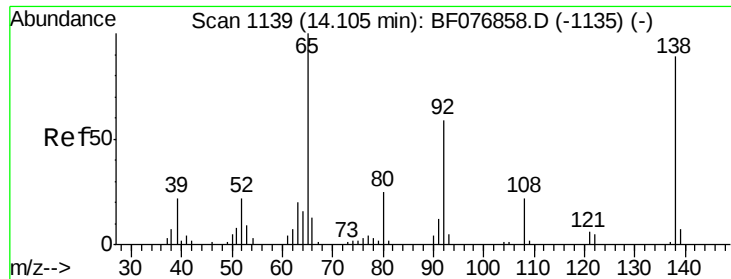
Tot Ion:154 Resp: 258229
 Ion Ratio Lower Upper
 154 100
 153 39.1 20.2 60.2
 76 8.9 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 44.29 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Tgt Ion:162 Resp: 207832
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.8 50.6
 164 31.5 26.8 40.2





#47

2-Nitroaniline

Concen: 46.27 ng

RT: 13.99 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

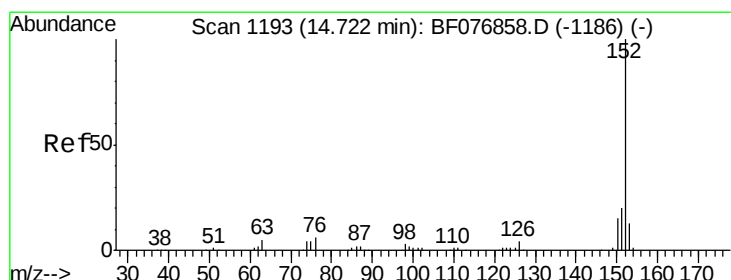
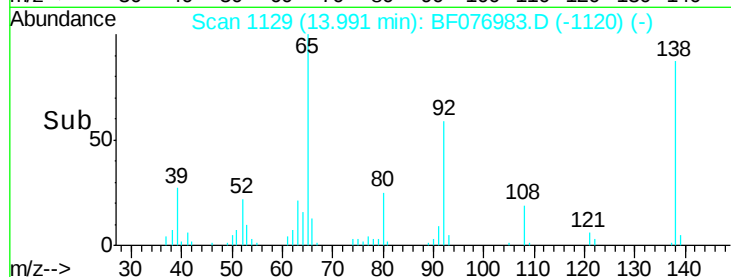
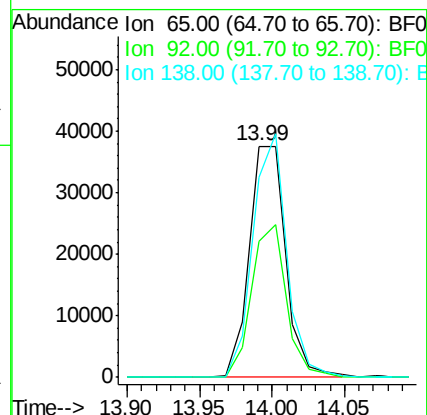
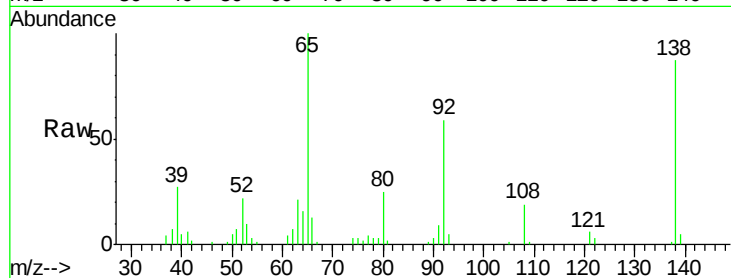
Tot Ion: 65 Resp: 65862

Ion Ratio Lower Upper

65 100

92 58.8 47.3 70.9

138 86.9 71.4 107.2



#48

Acenaphthylene

Concen: 41.83 ng

RT: 14.61 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

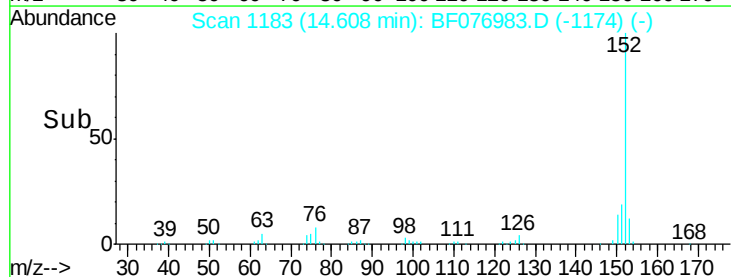
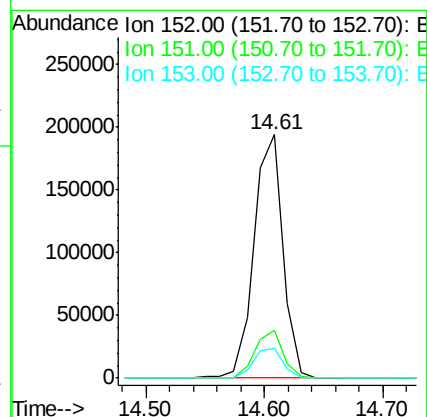
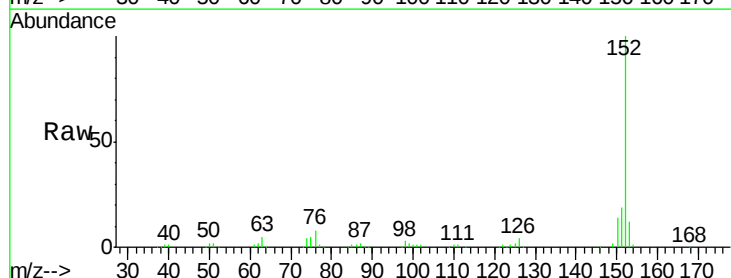
Tgt Ion: 152 Resp: 331064

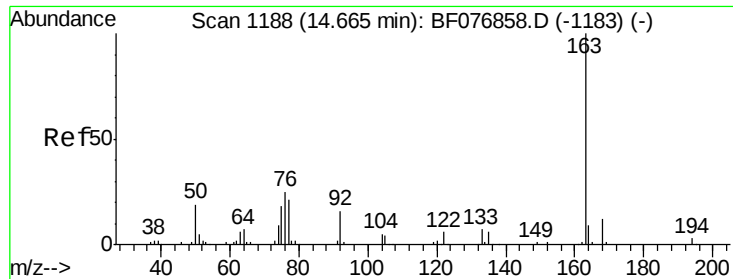
Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 12.3 10.2 15.4

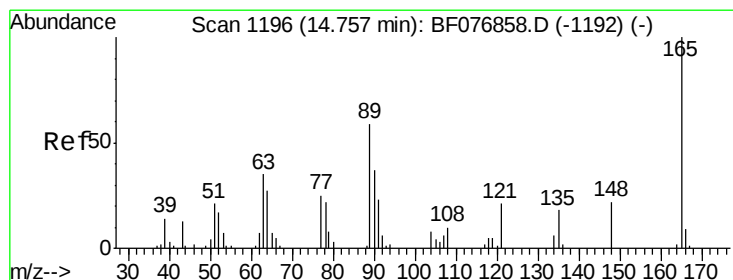
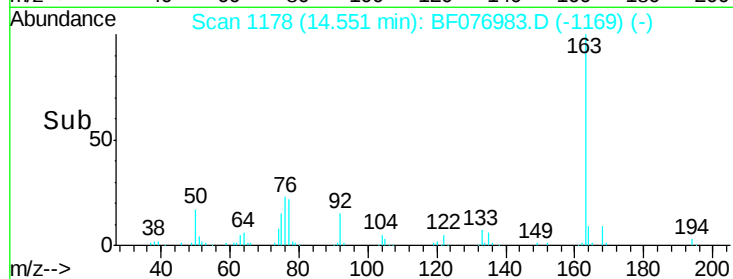
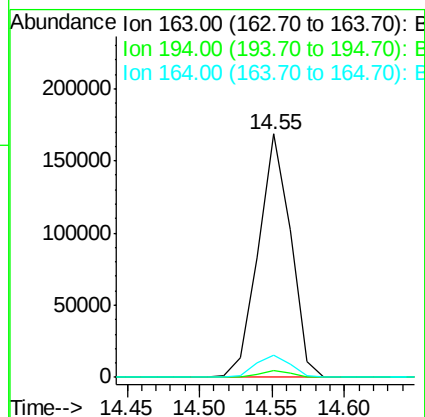
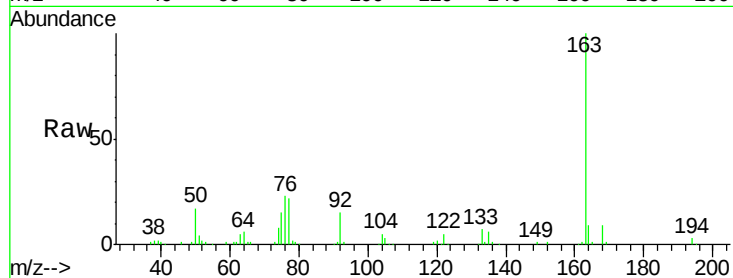




#49
Dimethylphthalate
Concen: 47.67 ng
RT: 14.55 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

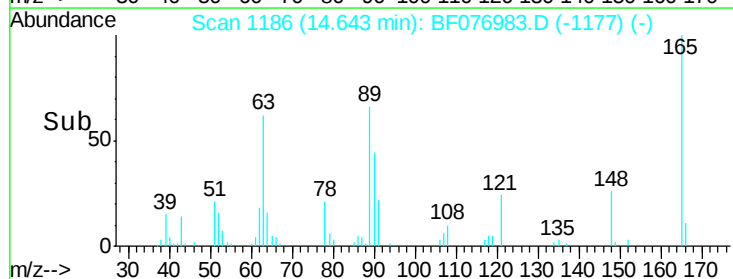
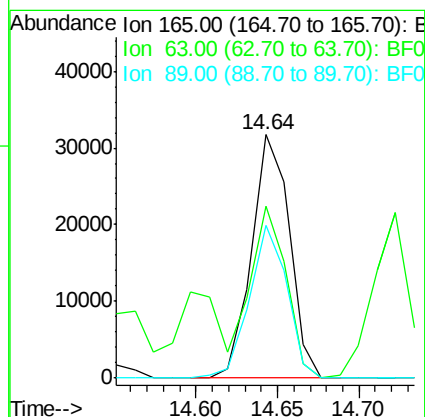
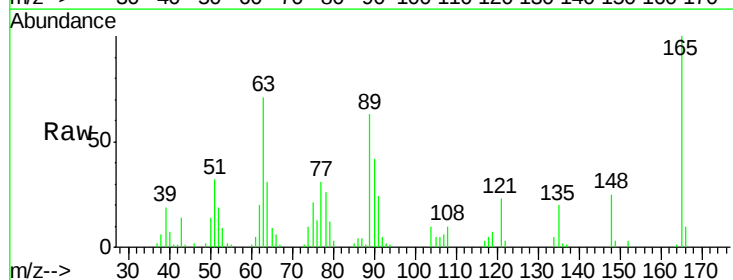
Instrument :
BNA_F
ClientSampleId :

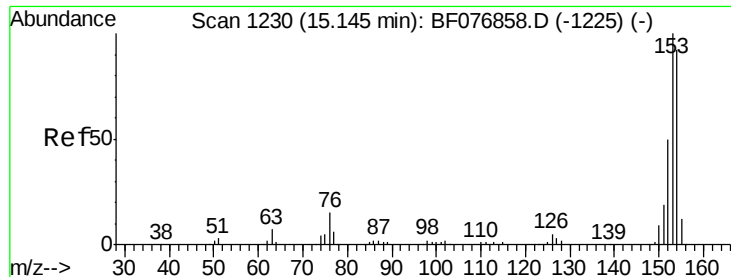
Tot Ion:163 Resp: 260013
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.4 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 46.93 ng
RT: 14.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:165 Resp: 51147
Ion Ratio Lower Upper
165 100
63 70.7 48.1 72.1
89 63.0 47.2 70.8





#51

Acenaphthene

Concen: 40.94 ng

RT: 15.03 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

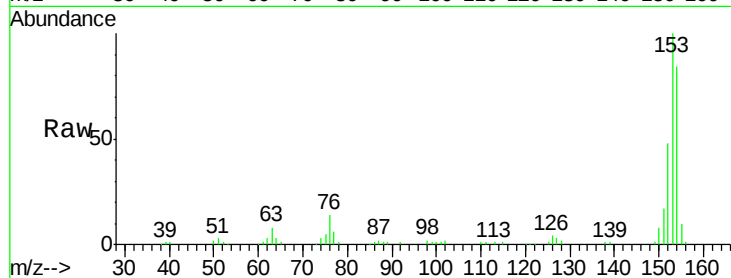
Tot Ion:154 Resp: 183827

Ion Ratio Lower Upper

154 100

153 119.2 87.0 130.6

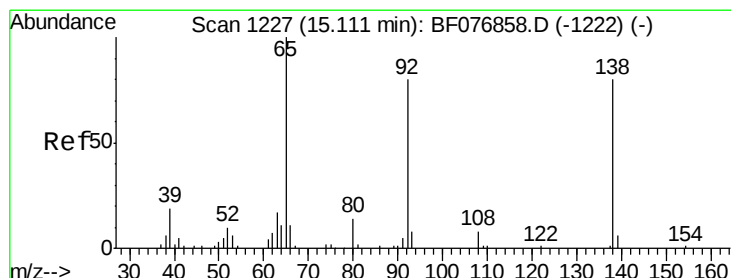
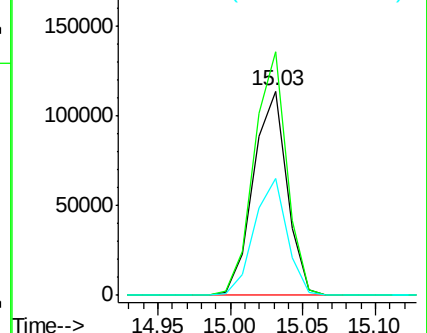
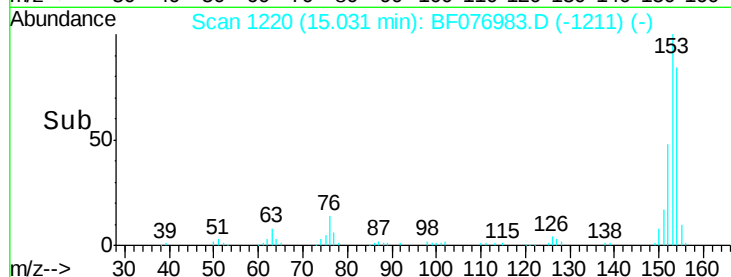
152 57.3 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.21 ng

RT: 15.00 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

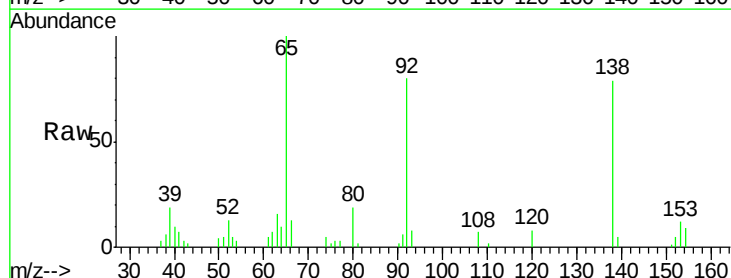
Tgt Ion:138 Resp: 25733

Ion Ratio Lower Upper

138 100

108 8.5 8.3 12.5

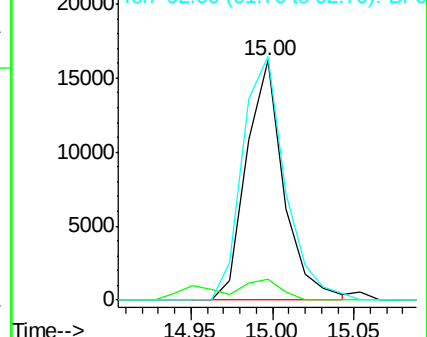
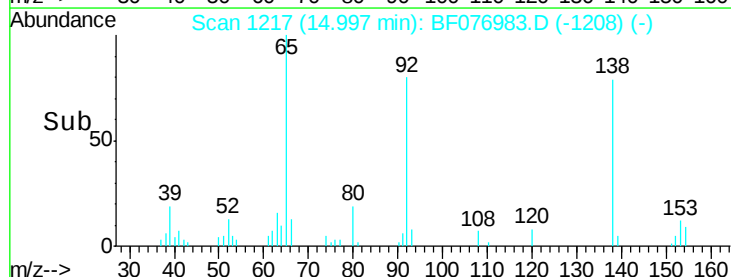
92 101.6 80.9 121.3

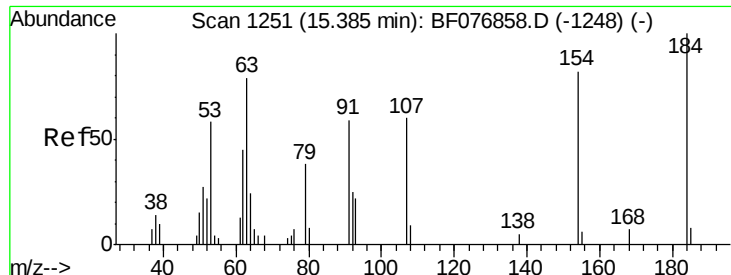


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

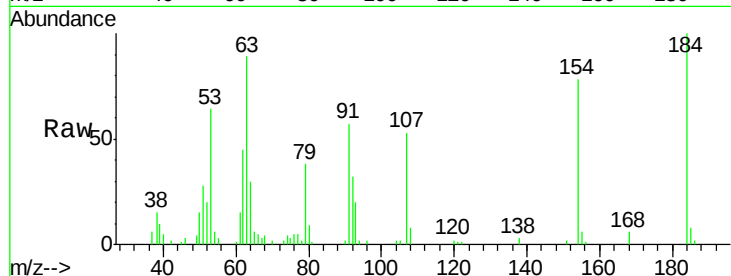




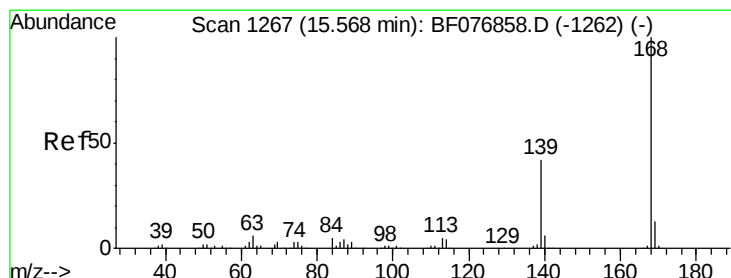
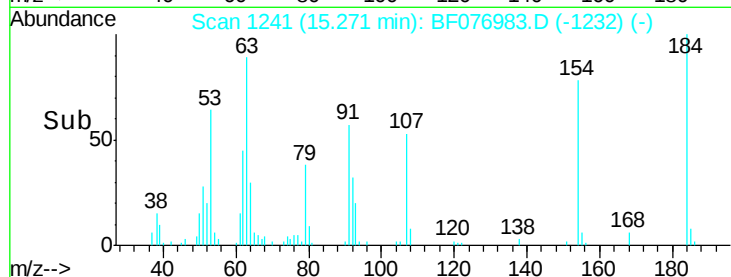
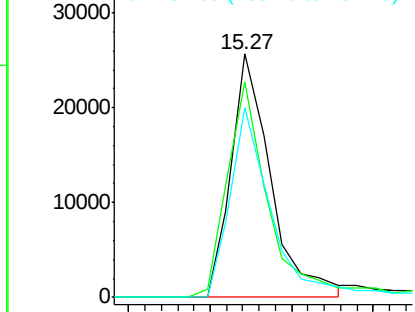
#53
2,4-Dinitrophenol
Concen: 84.10 ng
RT: 15.27 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 43370
Ion Ratio Lower Upper
184 100
63 88.7 63.0 94.6
154 77.9 65.5 98.3

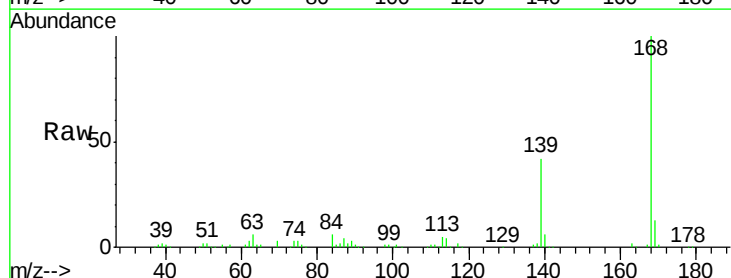


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

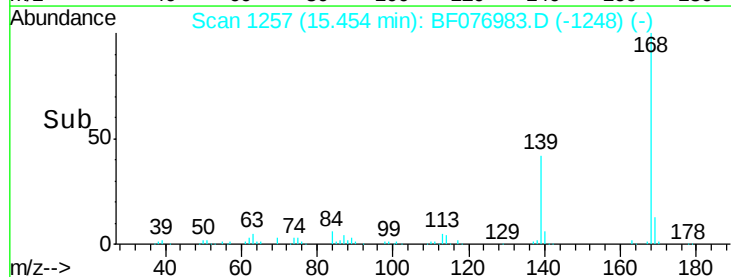
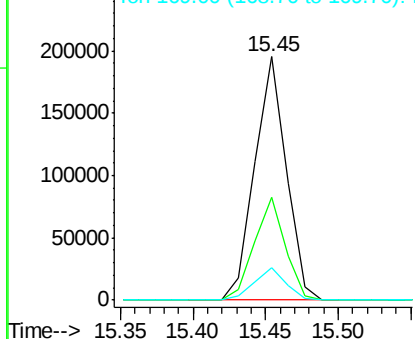


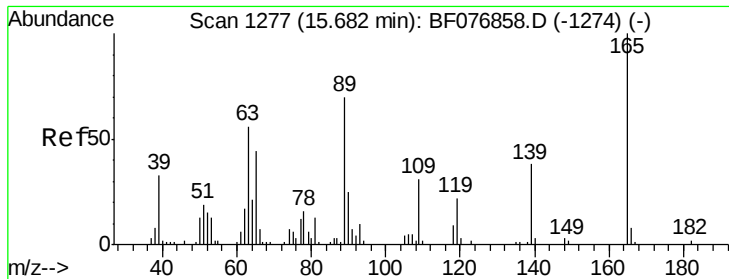
#54
Dibenzofuran
Concen: 45.12 ng
RT: 15.45 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:168 Resp: 295161
Ion Ratio Lower Upper
168 100
139 42.1 33.4 50.2
169 13.2 10.6 15.8



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

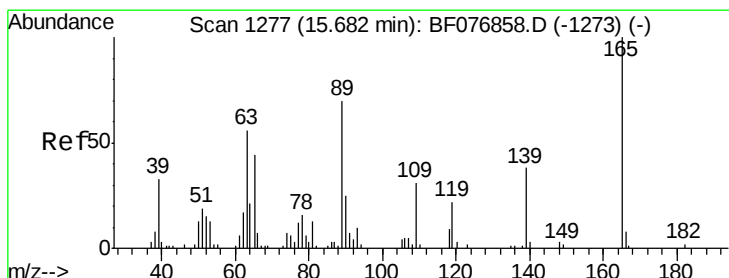
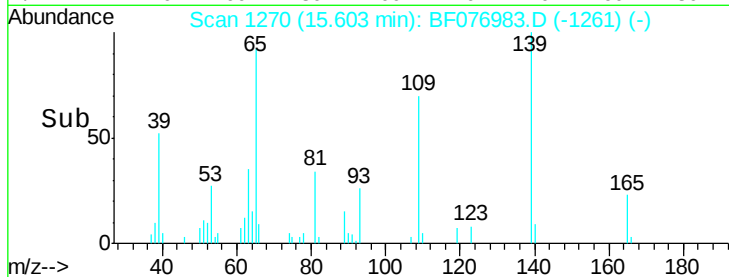
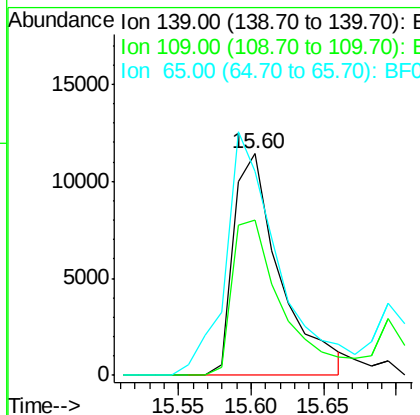
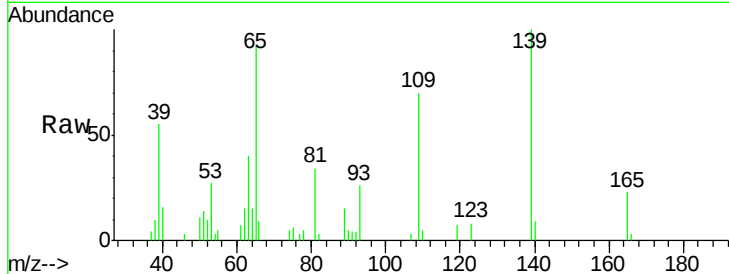




#55
4-Nitrophenol
Concen: 29.80 ng
RT: 15.60 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

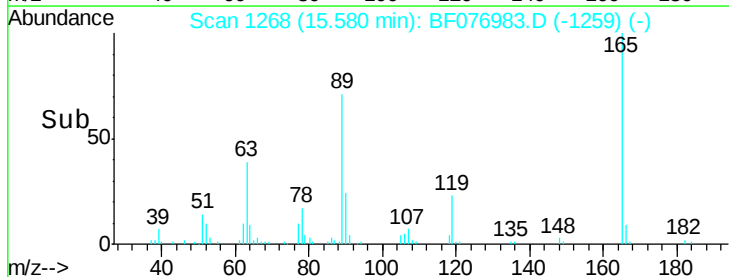
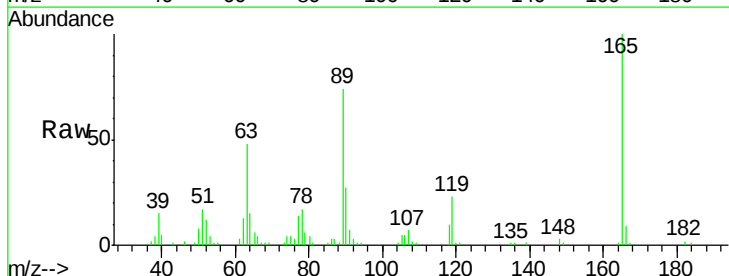
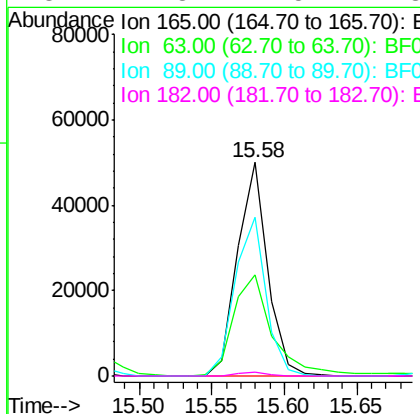
Instrument :
BNA_F
ClientSampleId :

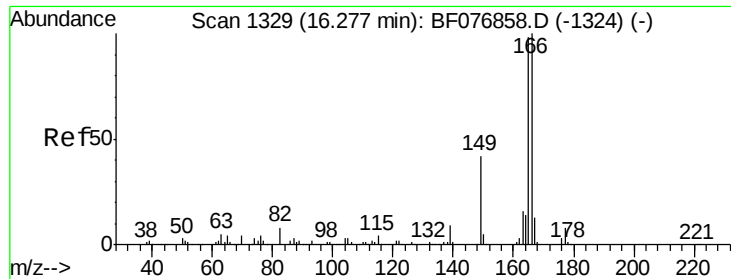
Tot Ion:139 Resp: 25483
Ion Ratio Lower Upper
139 100
109 70.1 61.0 101.0
65 92.2 96.6 136.6#



#56
2,4-Dinitrotoluene
Concen: 44.42 ng
RT: 15.58 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:165 Resp: 72298
Ion Ratio Lower Upper
165 100
63 47.6 44.8 67.2
89 74.2 56.2 84.2
182 1.8 1.5 2.3

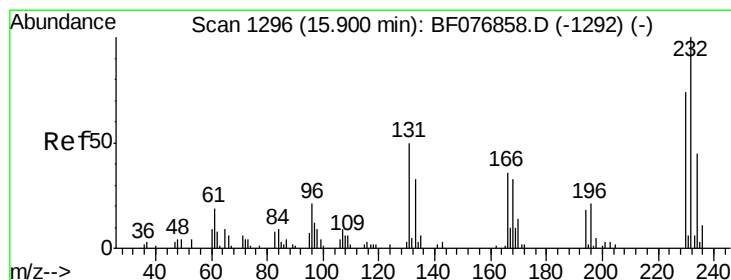
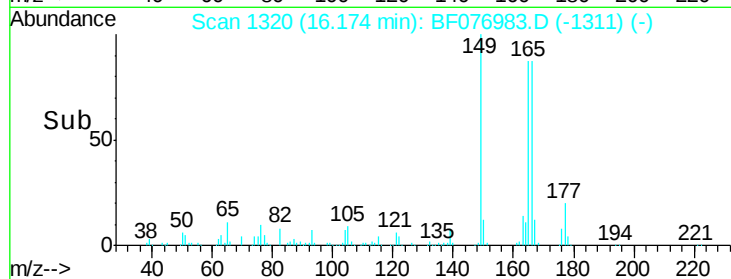
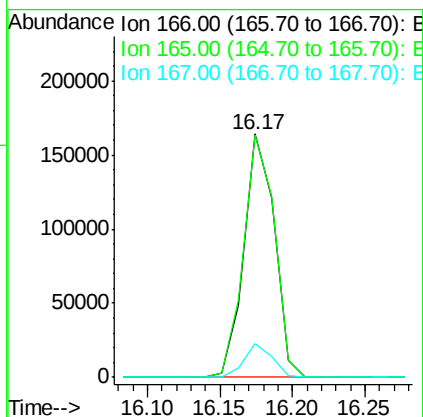
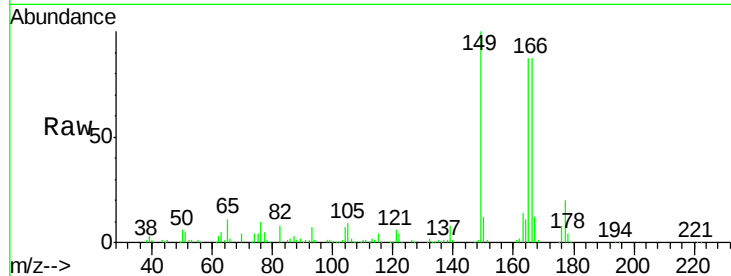




#57
 Fluorene
 Concen: 43.26 ng
 RT: 16.17 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

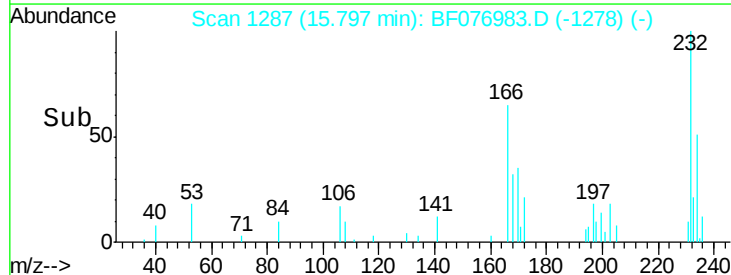
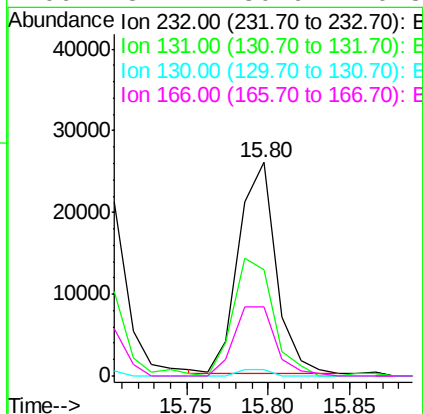
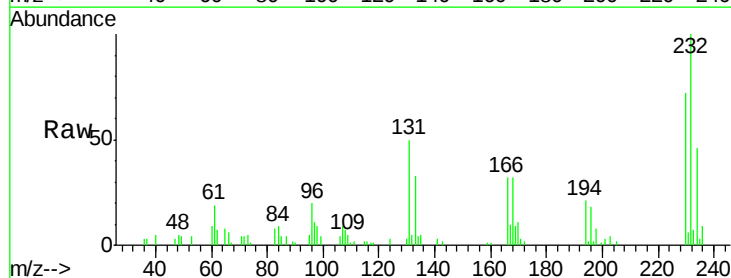
Instrument :
 BNA_F
 ClientSampleId :

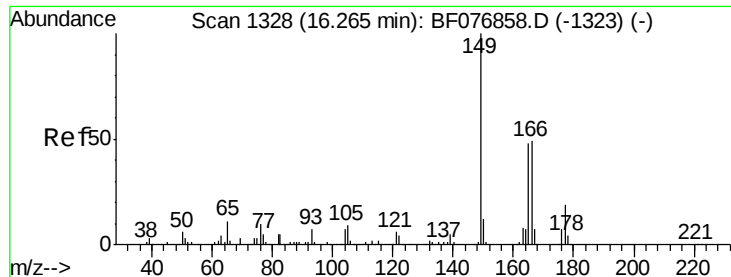
Tot Ion:166 Resp: 239733
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.5 117.7
 167 13.6 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.57 ng
 RT: 15.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Tgt Ion:232 Resp: 40714
 Ion Ratio Lower Upper
 232 100
 131 60.5 45.0 67.6
 130 2.8 2.6 3.8
 166 37.1 30.9 46.3

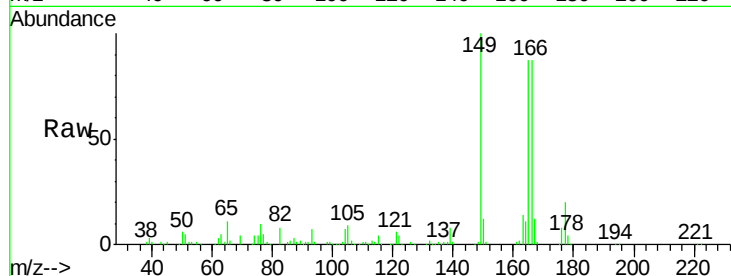




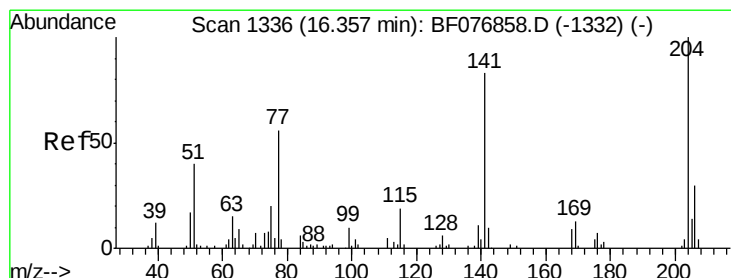
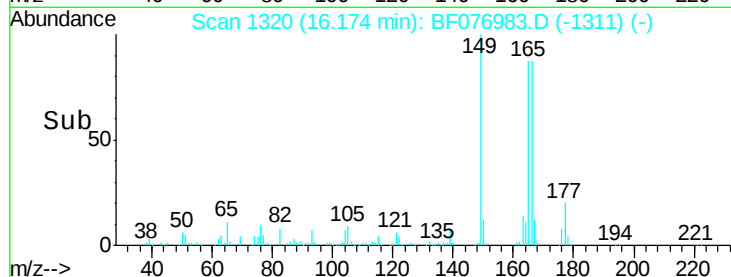
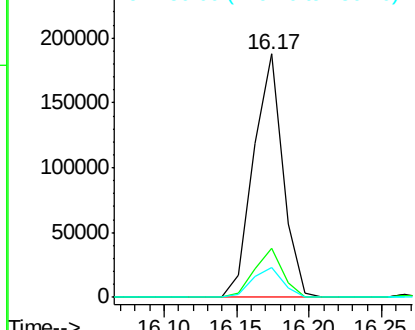
#59
Diethylphthalate
Concen: 47.80 ng
RT: 16.17 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 263522
Ion Ratio Lower Upper
149 100
177 20.0 15.0 22.6
150 12.3 9.4 14.0

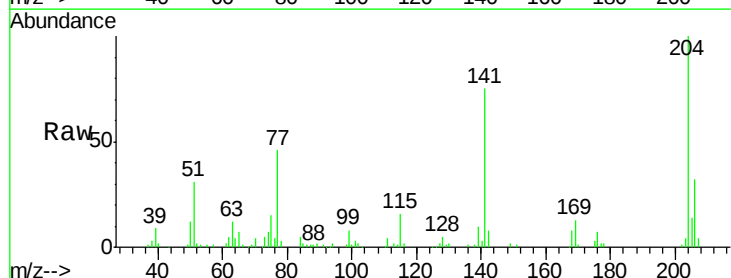


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

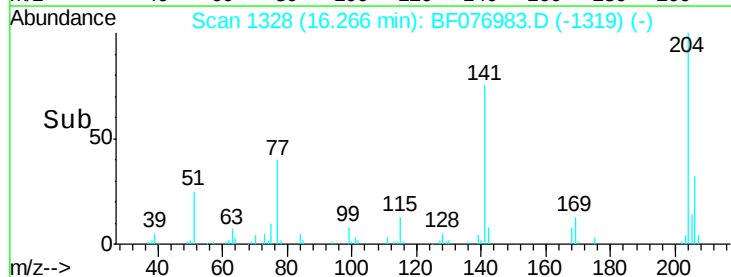
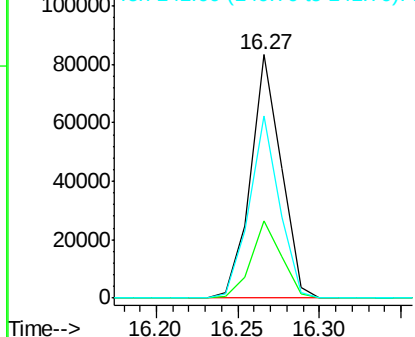


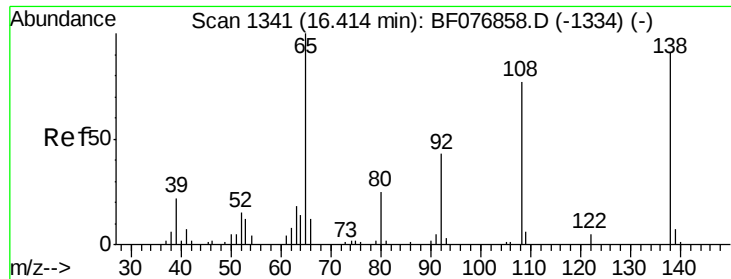
#60
4-Chlorophenyl-phenylether
Concen: 47.70 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:204 Resp: 108153
Ion Ratio Lower Upper
204 100
206 31.8 24.2 36.2
141 74.6 66.7 100.1



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

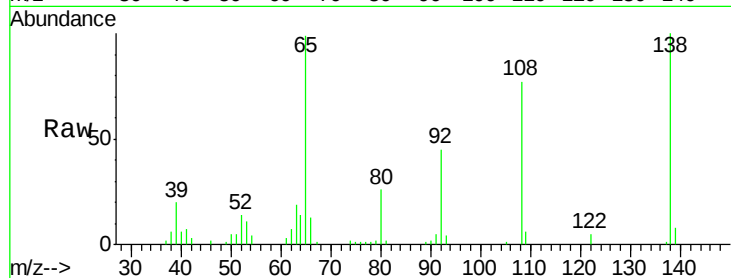




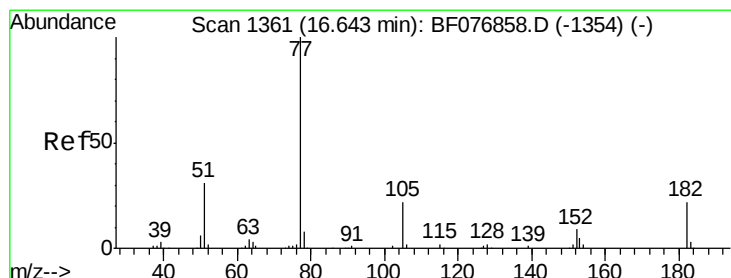
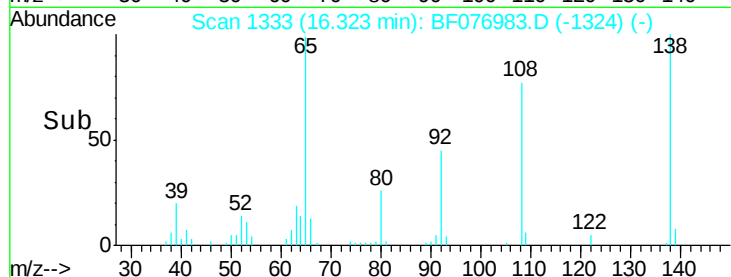
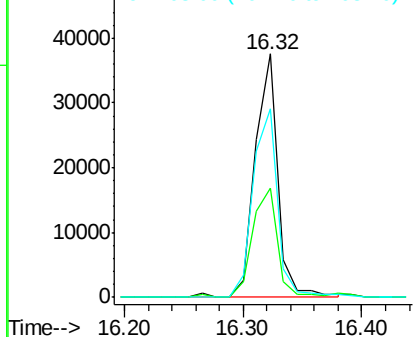
#61
4-Nitroaniline
Concen: 37.25 ng
RT: 16.32 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 50716
Ion Ratio Lower Upper
138 100
92 44.9 26.7 66.7
108 77.4 64.5 104.5

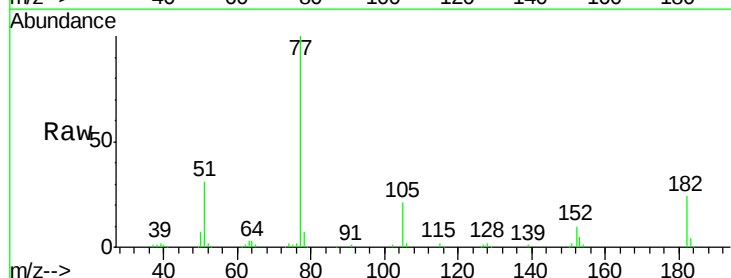


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

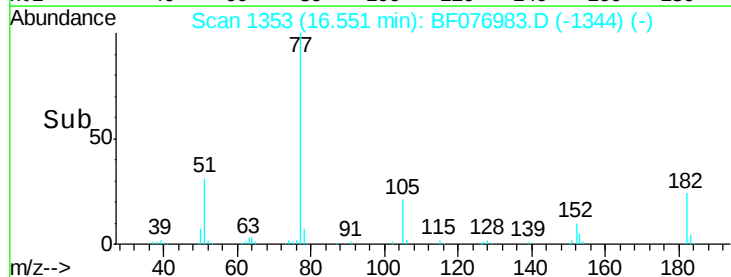
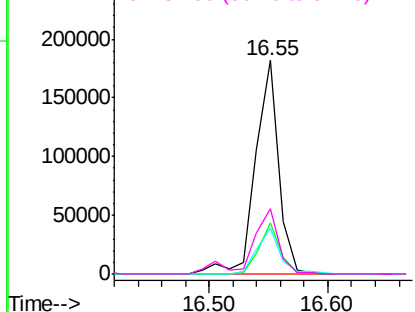


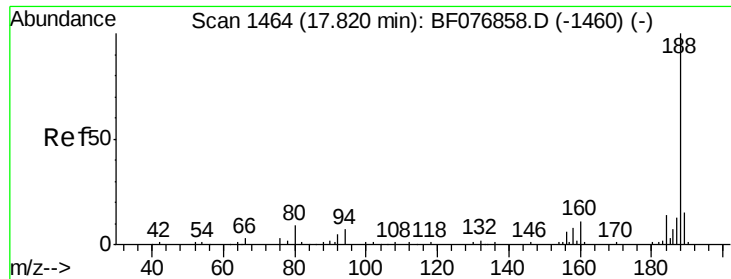
#62
Azobenzene
Concen: 43.48 ng
RT: 16.55 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion: 77 Resp: 249737
Ion Ratio Lower Upper
77 100
182 23.9 2.0 42.0
105 21.4 2.3 42.3
51 30.5 10.7 50.7



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

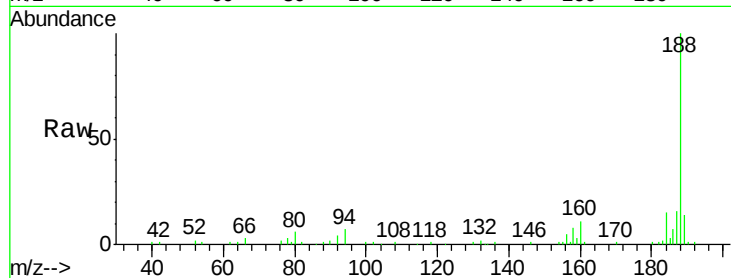




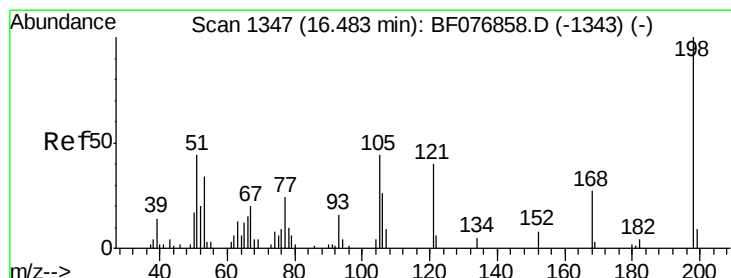
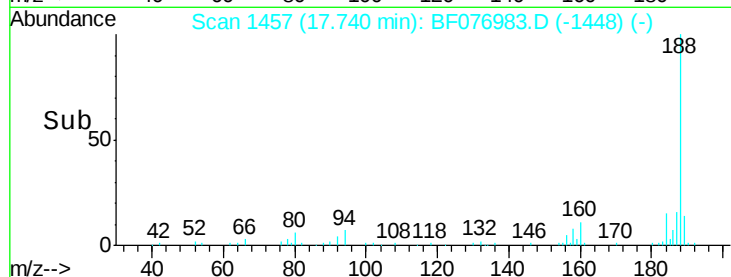
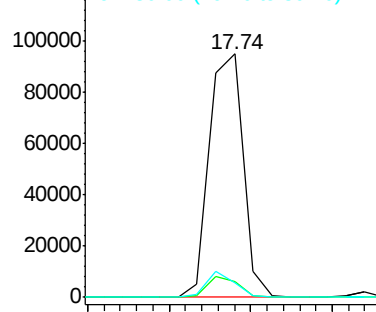
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.74 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 136078
Ion Ratio Lower Upper
188 100
94 6.5 6.0 9.0
80 6.0 6.9 10.3#

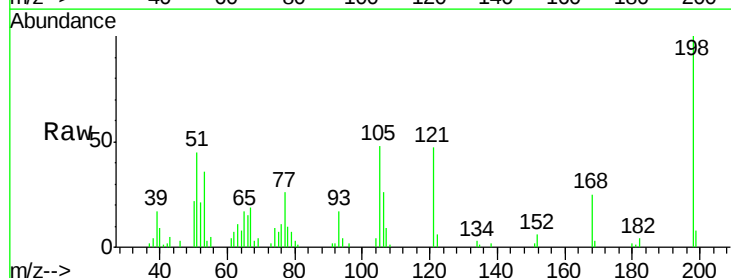


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

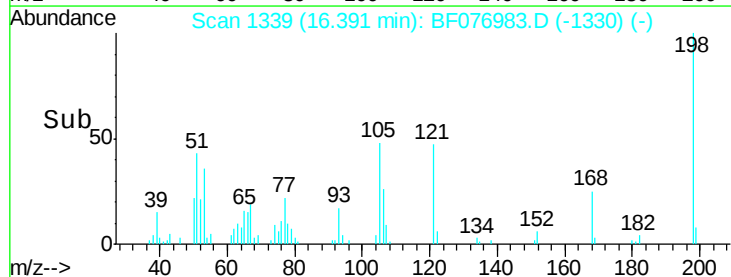
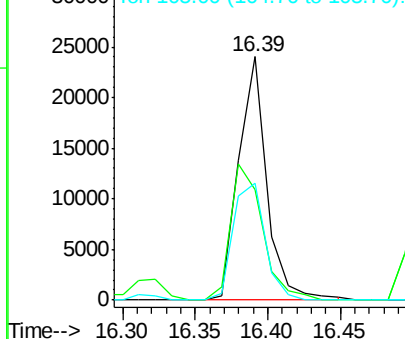


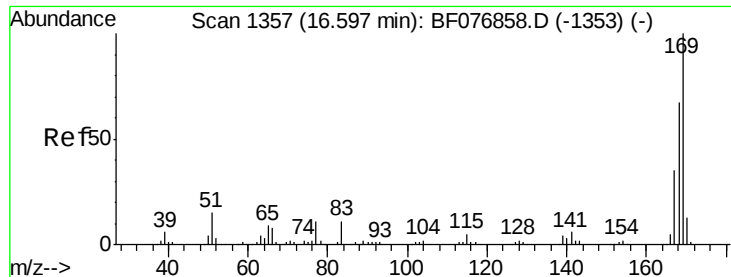
#64
4,6-Dinitro-2-methylphenol
Concen: 37.84 ng
RT: 16.39 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:198 Resp: 32430
Ion Ratio Lower Upper
198 100
51 45.3 24.2 64.2
105 48.0 24.0 64.0



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

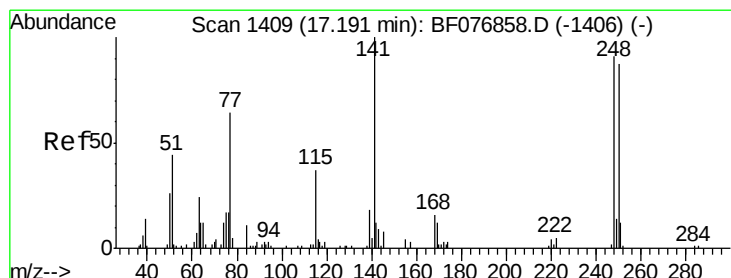
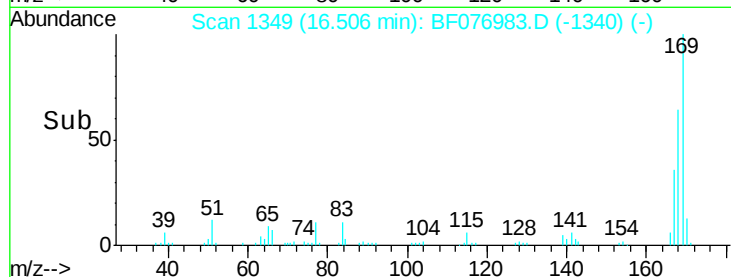
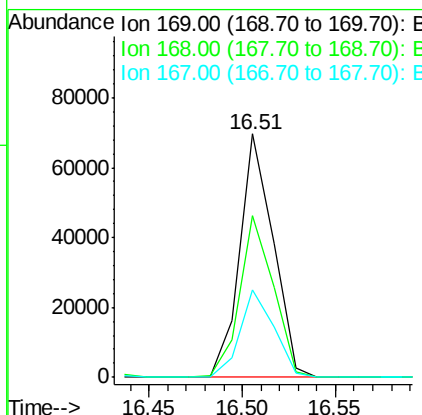
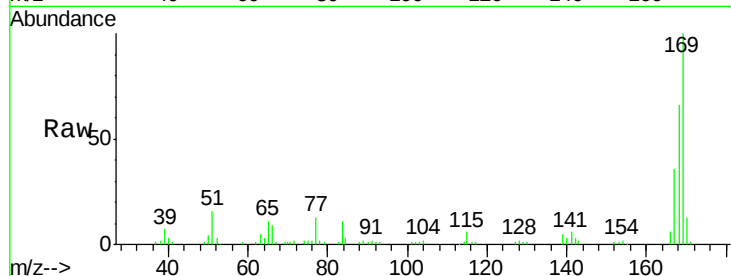




#65
 n-Nitrosodiphenylamine
 Concen: 17.92 ng
 RT: 16.51 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

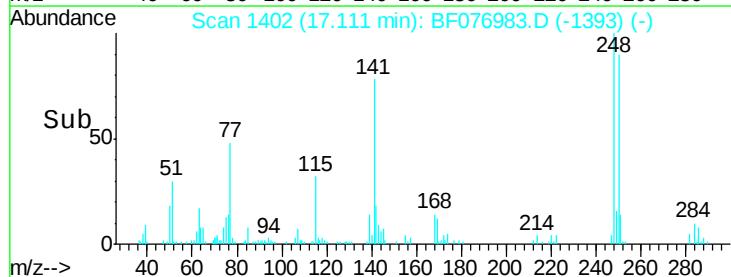
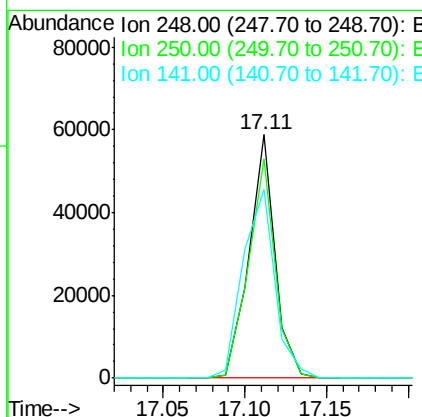
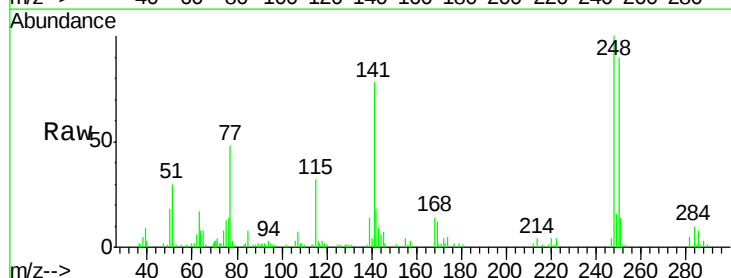
Instrument :
 BNA_F
 ClientSampleId :

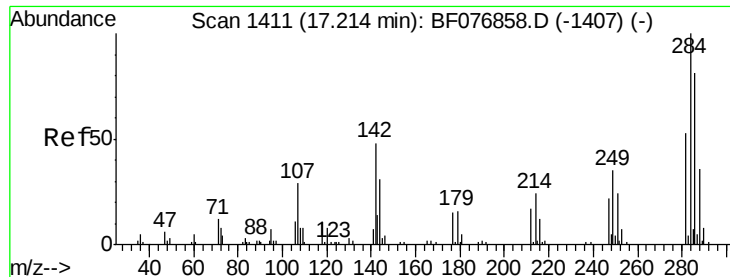
Tot Ion:169 Resp: 86948
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.8 80.6
 167 35.8 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.02 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Tgt Ion:248 Resp: 64823
 Ion Ratio Lower Upper
 248 100
 250 90.3 77.1 115.7
 141 77.6 88.2 132.4#

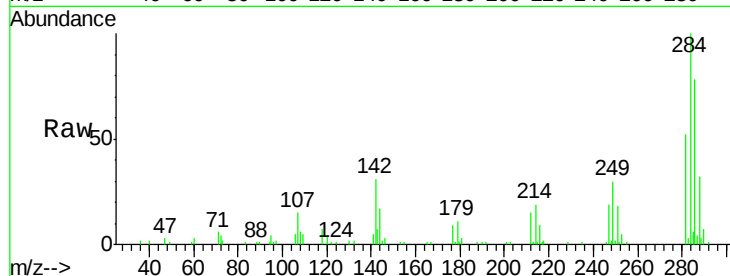




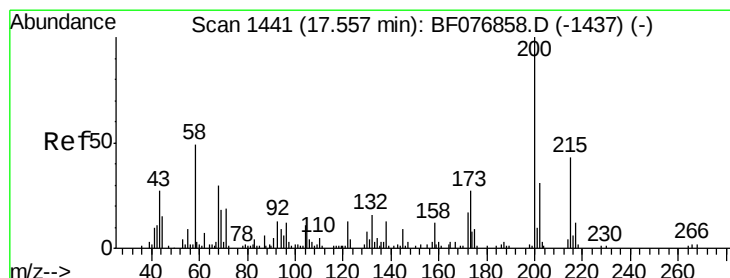
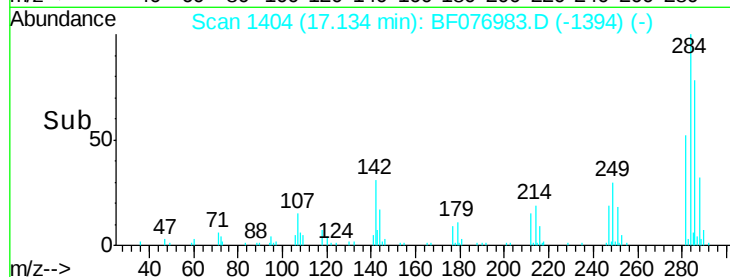
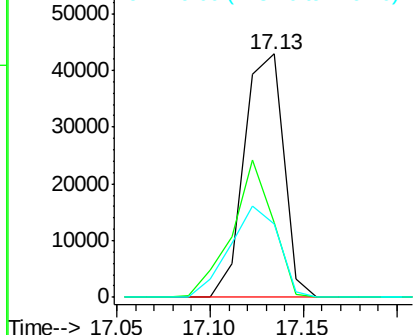
#67
Hexachlorobenzene
Concen: 43.16 ng
RT: 17.13 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 62704
Ion Ratio Lower Upper
284 100
142 30.9 38.2 57.4#
249 30.2 28.2 42.2

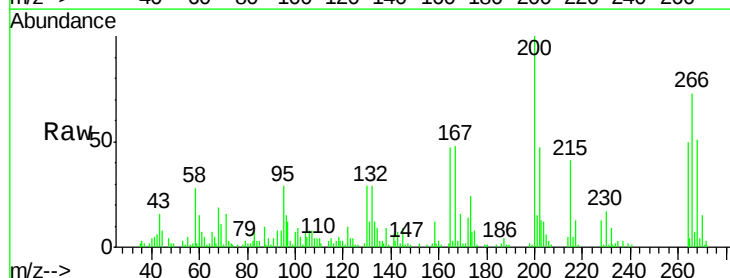


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

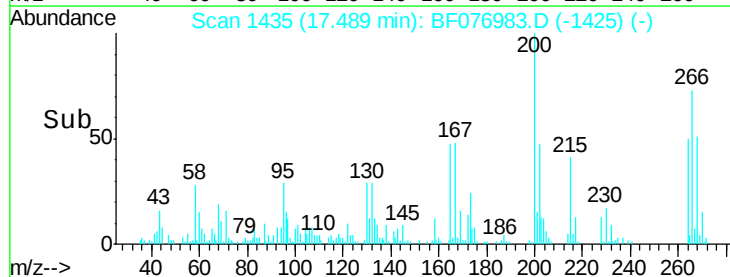
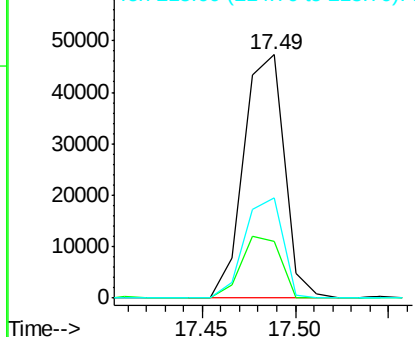


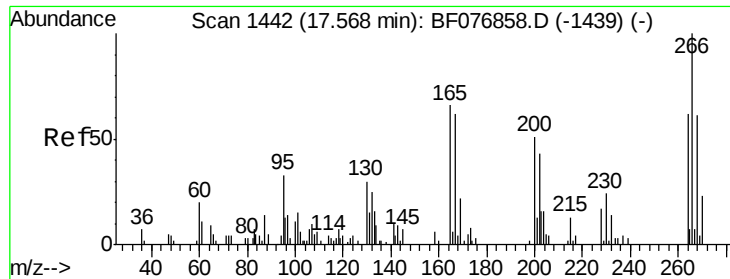
#68
Atrazine
Concen: 48.63 ng
RT: 17.49 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:200 Resp: 71600
Ion Ratio Lower Upper
200 100
173 23.6 6.6 46.6
215 41.0 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

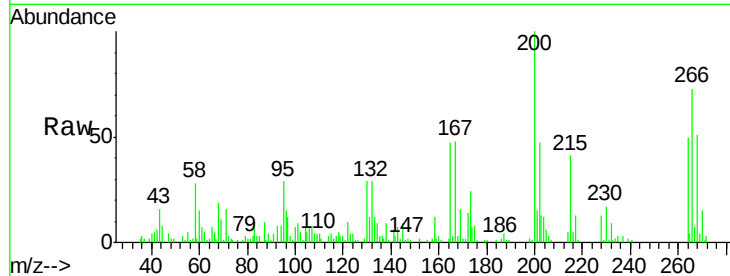




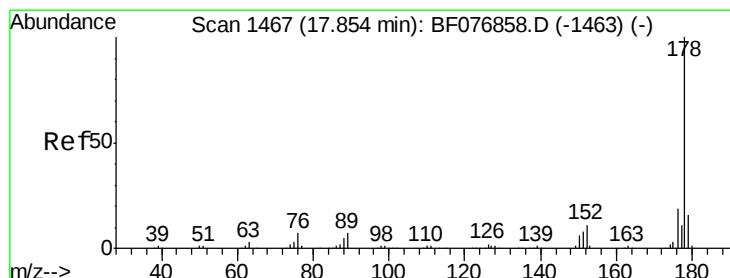
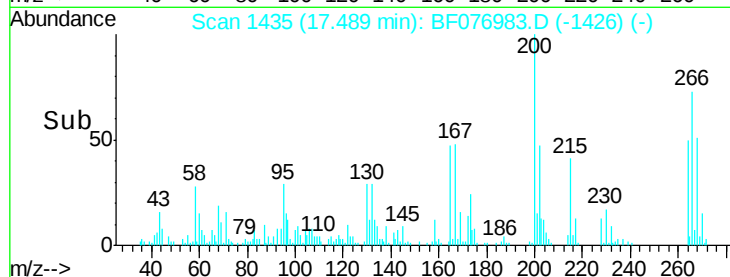
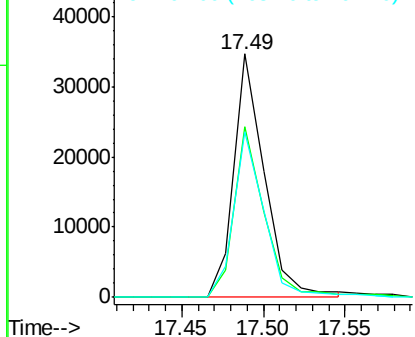
#69
 Pentachlorophenol
 Concen: 68.44 ng
 RT: 17.49 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 44884
 Ion Ratio Lower Upper
 266 100
 268 70.3 48.6 72.8
 264 67.7 49.5 74.3

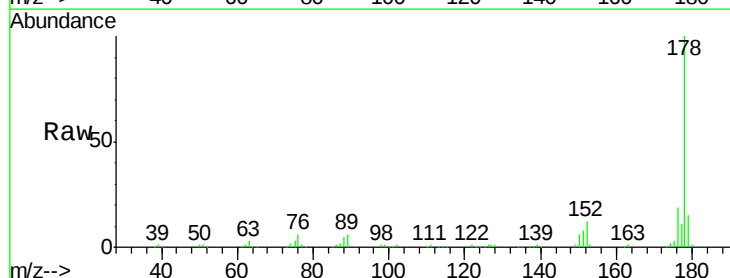


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

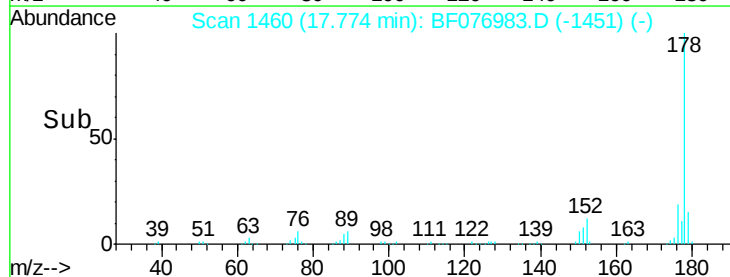
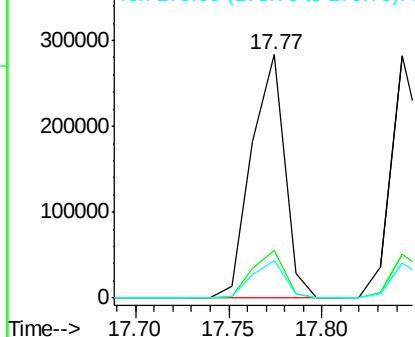


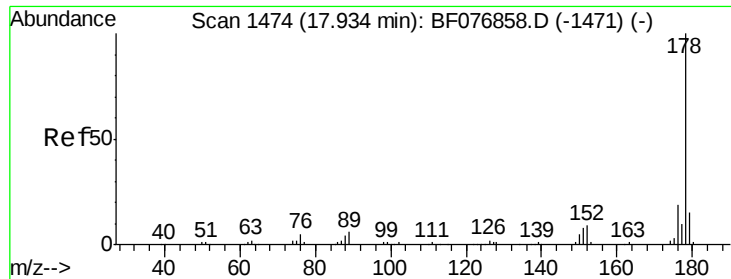
#70
 Phenanthrene
 Concen: 41.13 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Tgt Ion:178 Resp: 349029
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.1 22.7
 179 15.5 12.7 19.1



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

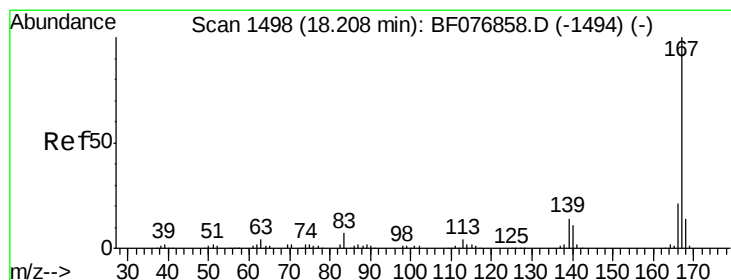
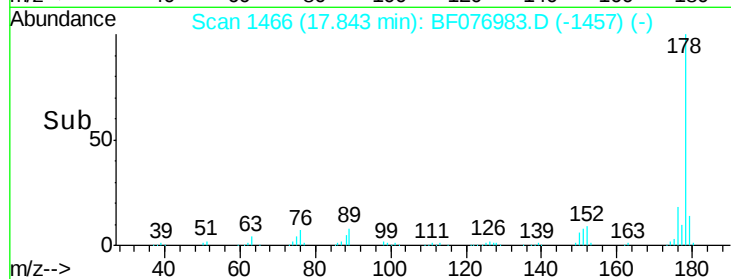
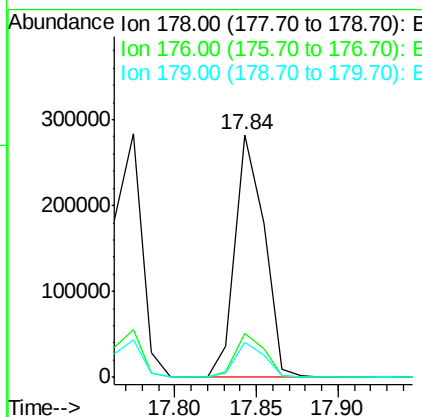
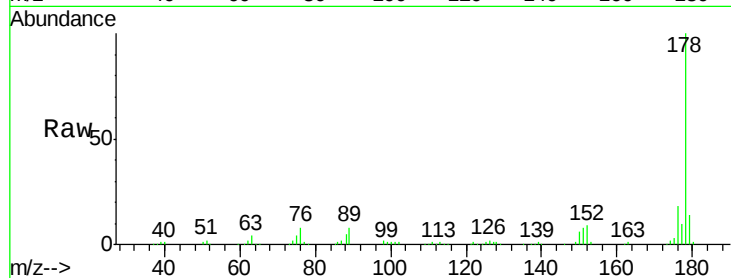




#71
 Anthracene
 Concen: 42.27 ng
 RT: 17.84 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

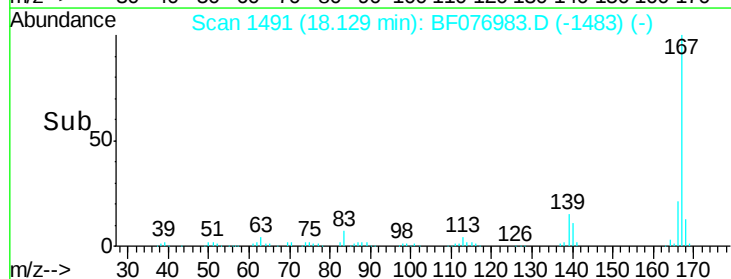
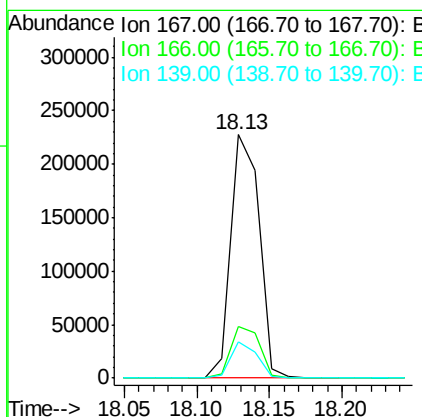
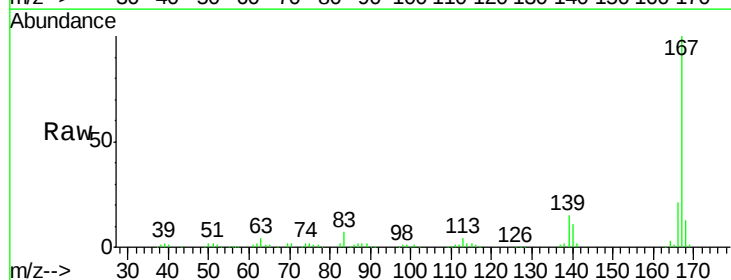
Instrument :
 BNA_F
 ClientSampleId :

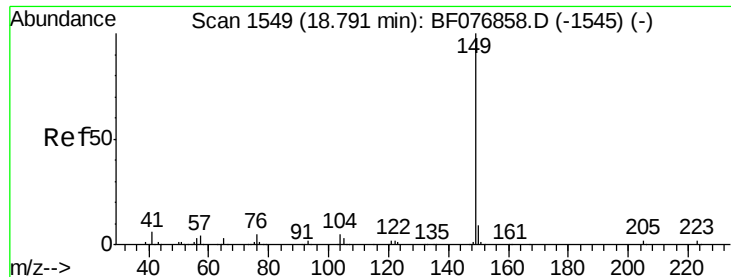
Tot Ion:178 Resp: 349826
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.0
 179 14.4 11.9 17.9



#72
 Carbazole
 Concen: 38.67 ng
 RT: 18.13 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF076983.D
 Acq: 21 Jan 2015 4:13

Tgt Ion:167 Resp: 310359
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 14.7 11.3 16.9





#73

Di-n-butylphthalate

Concen: 46.73 ng

RT: 18.72 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

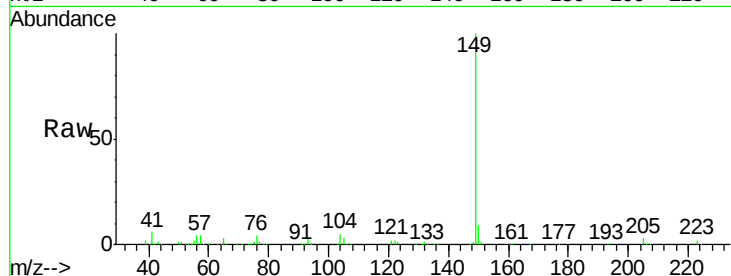
Tot Ion:149 Resp: 434184

Ion Ratio Lower Upper

149 100

150 9.0 6.9 10.3

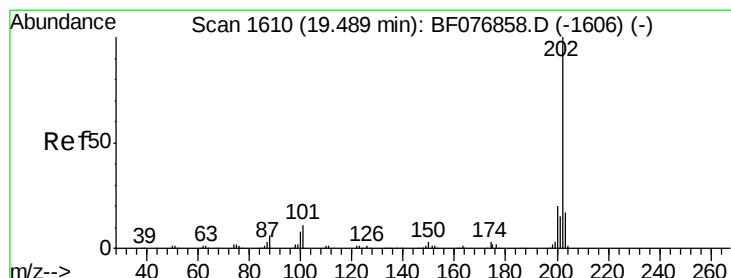
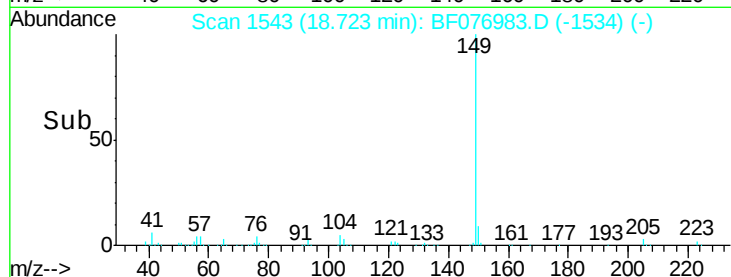
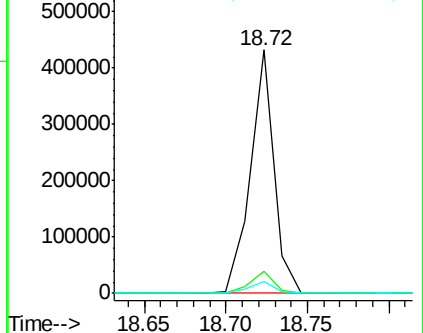
104 5.0 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.59 ng

RT: 19.42 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

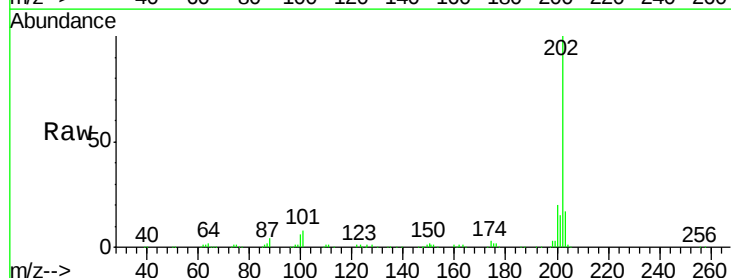
Tgt Ion:202 Resp: 370380

Ion Ratio Lower Upper

202 100

101 7.7 0.0 30.7

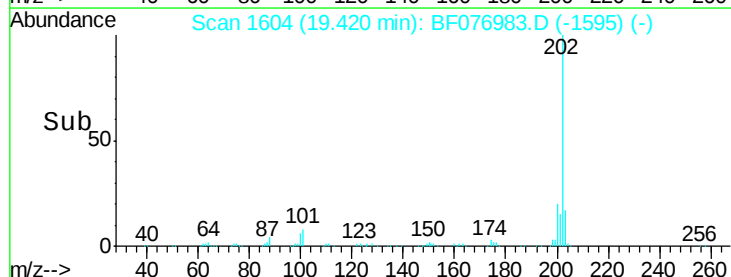
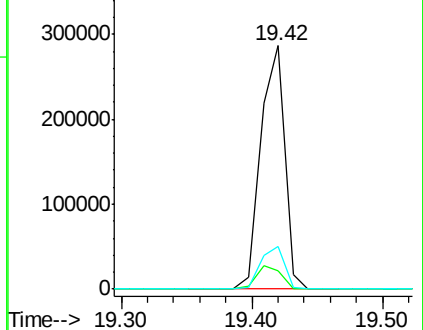
203 17.3 0.0 36.9

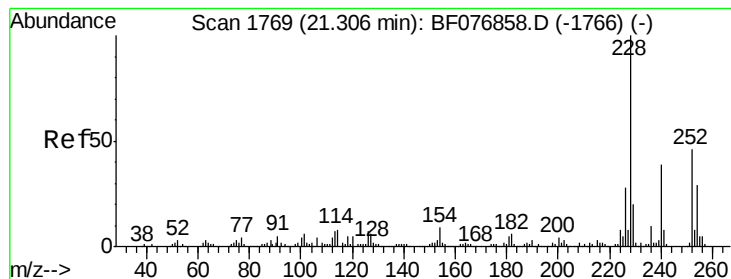


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

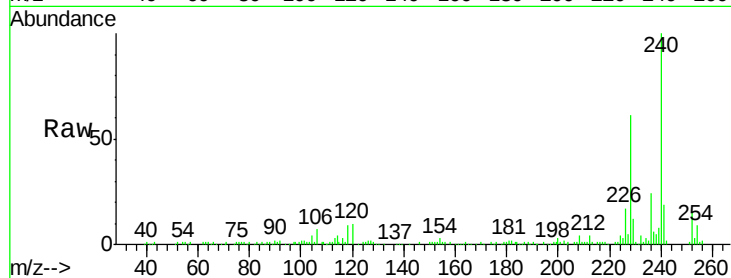
Tot Ion:240 Resp: 135056

Ion Ratio Lower Upper

240 100

120 10.1 10.4 15.6#

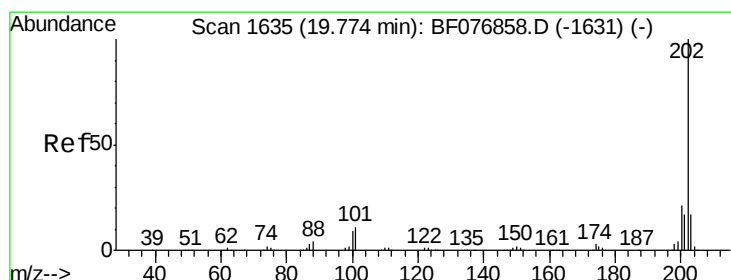
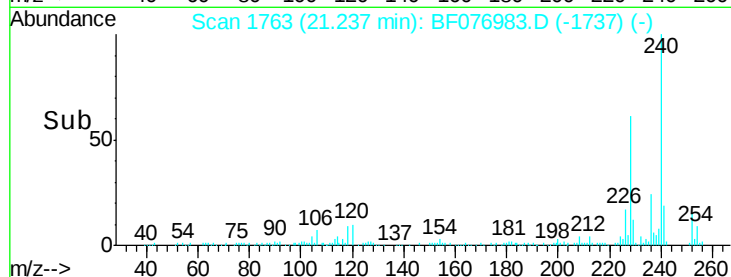
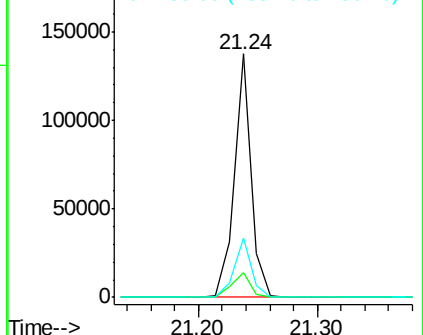
236 24.3 20.2 30.2



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



#77

Pyrene

Concen: 41.67 ng

RT: 19.69 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

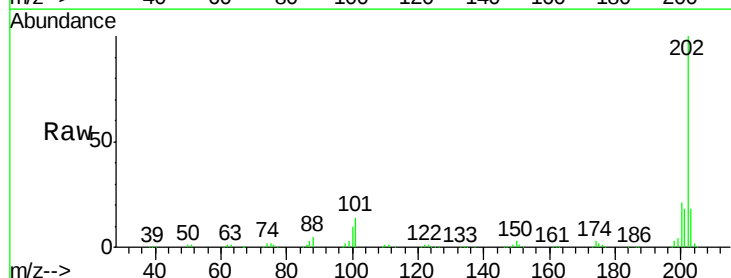
Tgt Ion:202 Resp: 385698

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

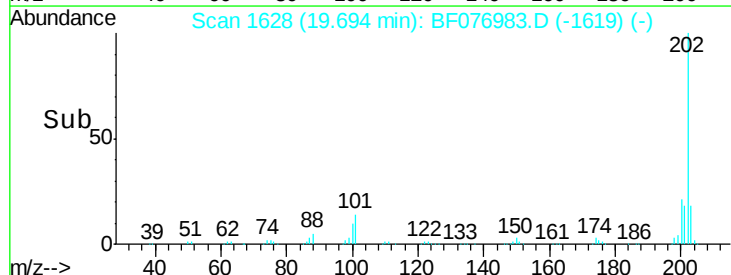
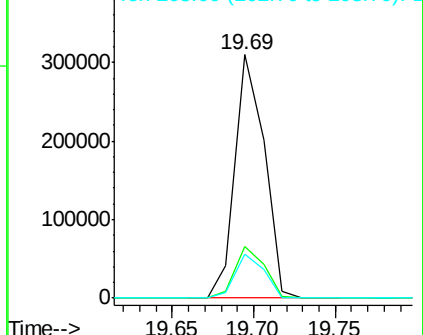
203 17.8 14.0 21.0

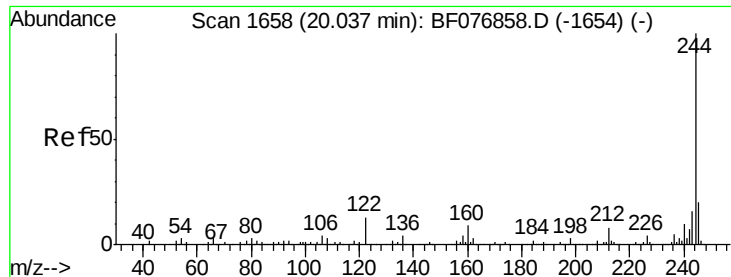


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.77 ng

RT: 19.97 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

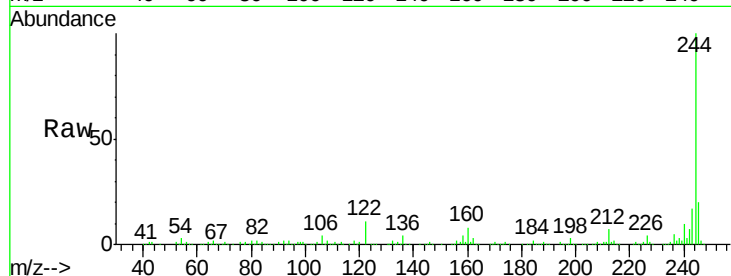
Tot Ion:244 Resp: 479708

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

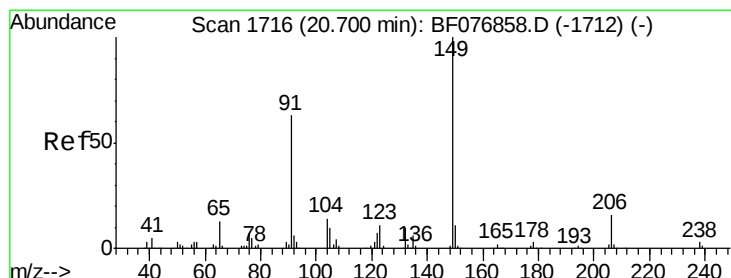
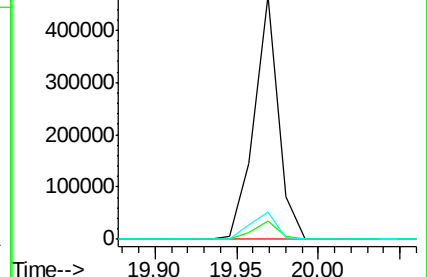
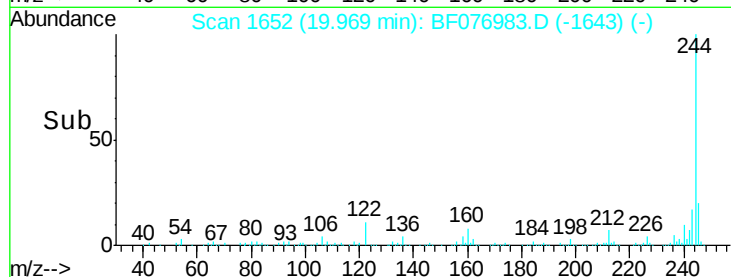
122 11.1 10.1 15.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.94 ng

RT: 20.63 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

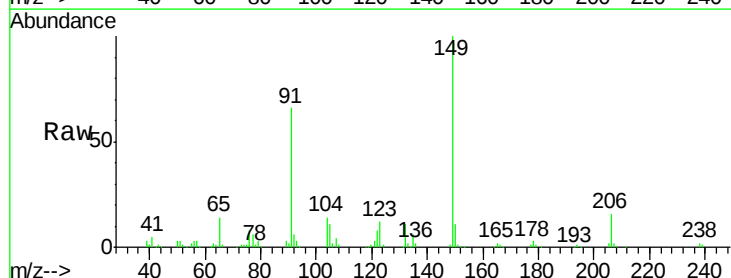
Tgt Ion:149 Resp: 200949

Ion Ratio Lower Upper

149 100

91 66.4 50.6 76.0

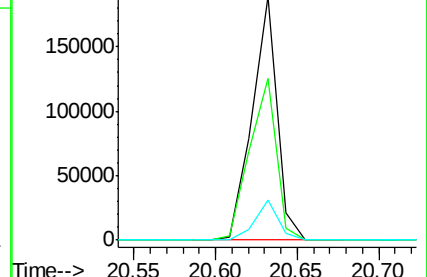
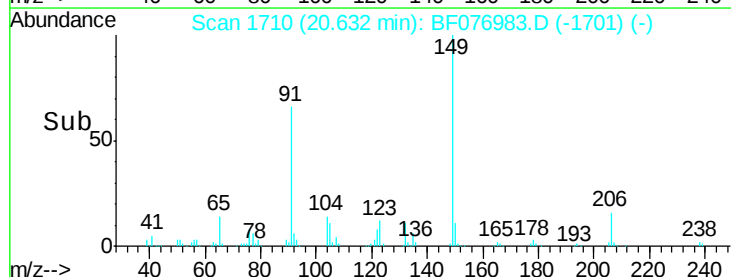
206 16.5 12.8 19.2

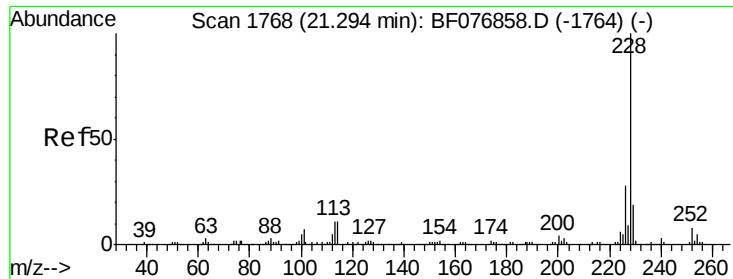


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

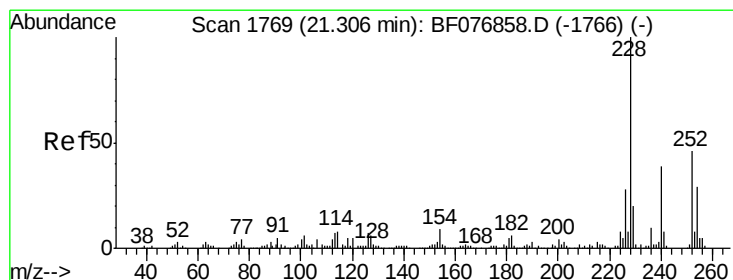
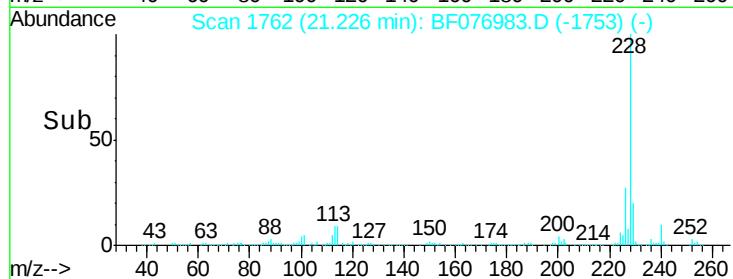
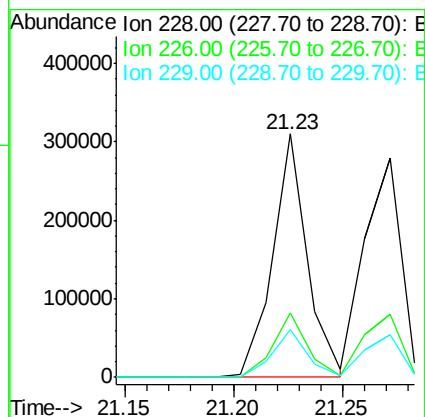
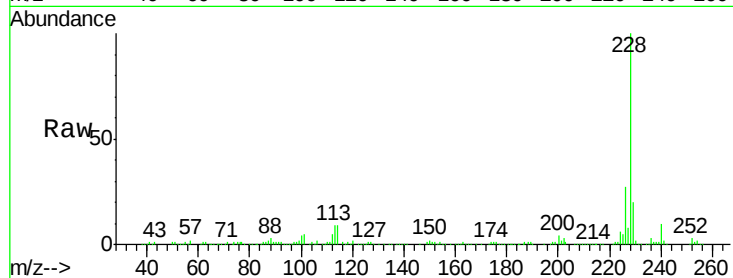




#80
Benzo(a)anthracene
Concen: 40.71 ng
RT: 21.23 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

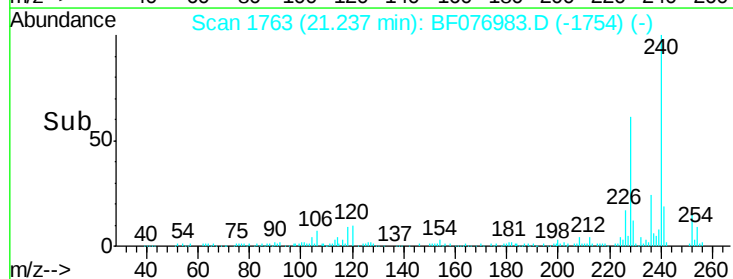
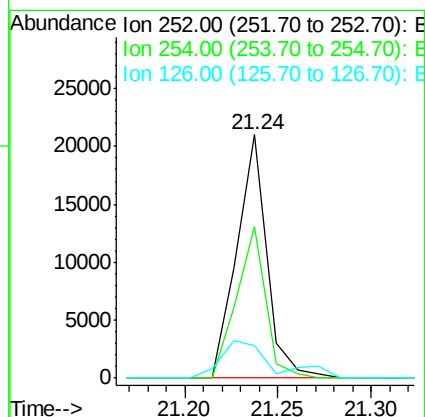
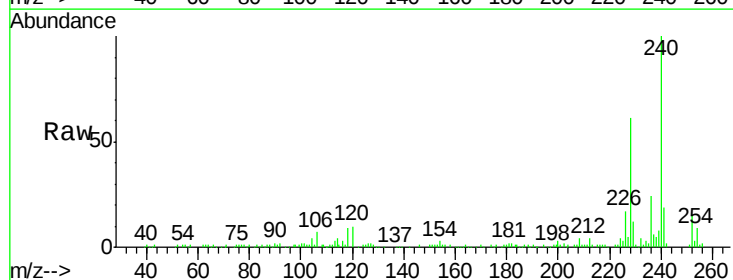
Instrument :
BNA_F
ClientSampleId :

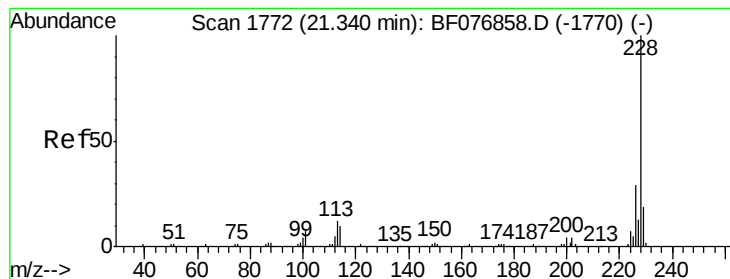
Tot Ion:228 Resp: 344947
Ion Ratio Lower Upper
228 100
226 26.5 22.1 33.1
229 19.6 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 8.82 ng
RT: 21.24 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:252 Resp: 23759
Ion Ratio Lower Upper
252 100
254 62.0 50.2 75.4
126 13.2 11.5 17.3





#82

Chrysene

Concen: 42.35 ng

RT: 21.27 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

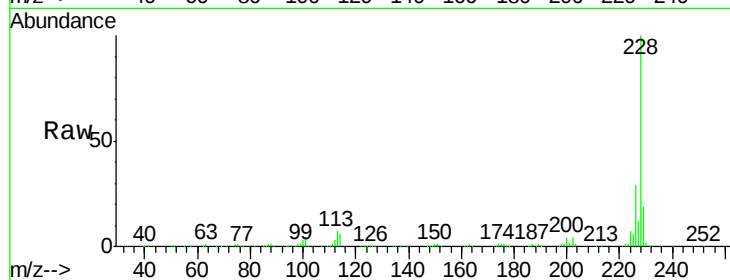
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 327249

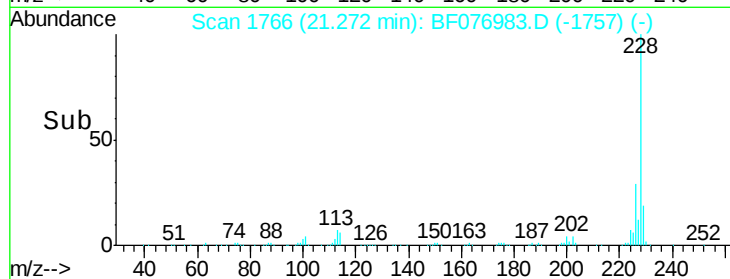
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.0
229	19.4	15.4	23.0



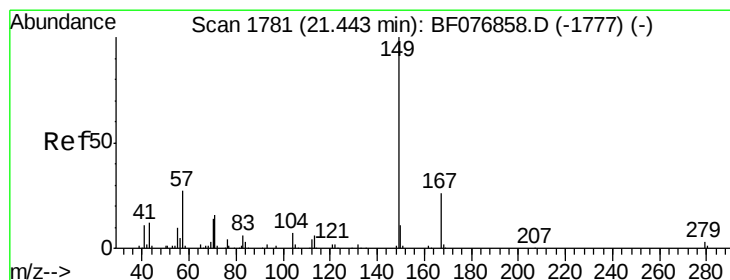
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.05 ng

RT: 21.37 min Scan# 1775

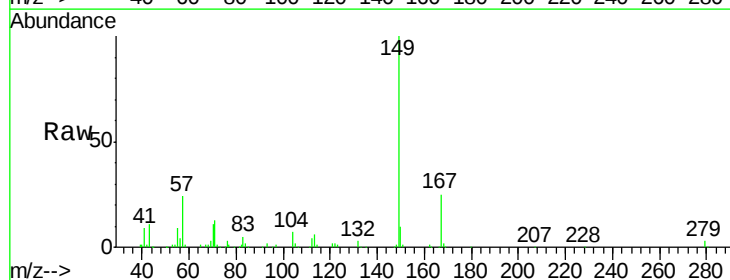
Delta R.T. 0.00 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Tgt Ion:149 Resp: 278667

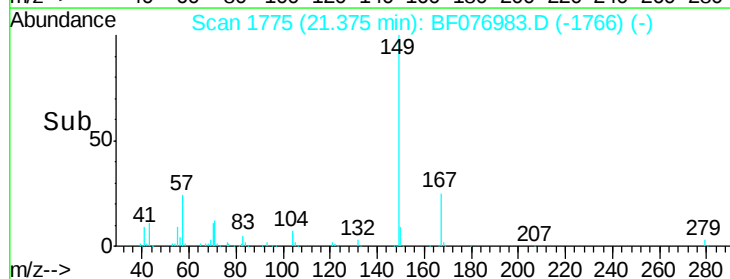
Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.6	30.8
279	3.3	2.2	3.2#



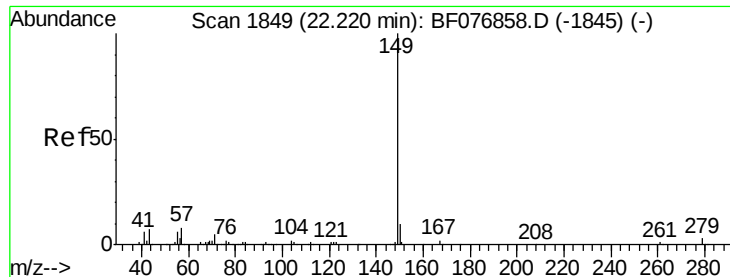
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



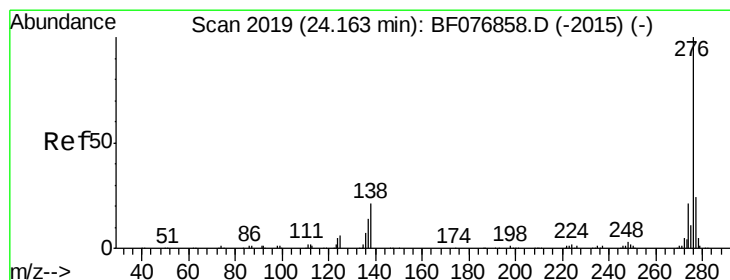
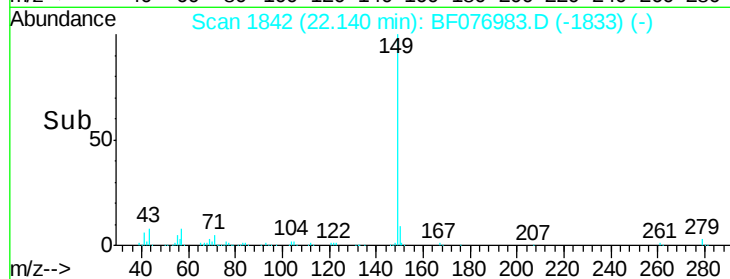
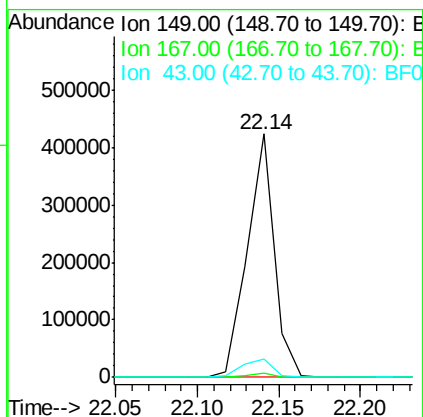
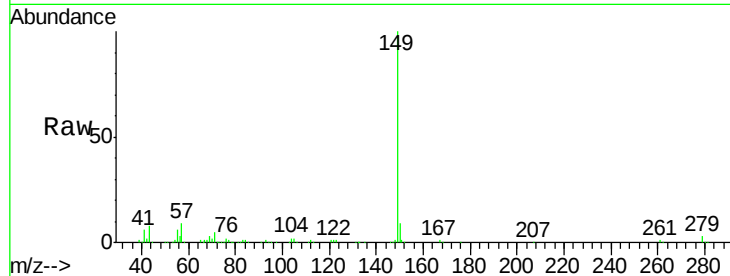
Time-->



#84
Di-n-octyl phthalate
Concen: 48.30 ng
RT: 22.14 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

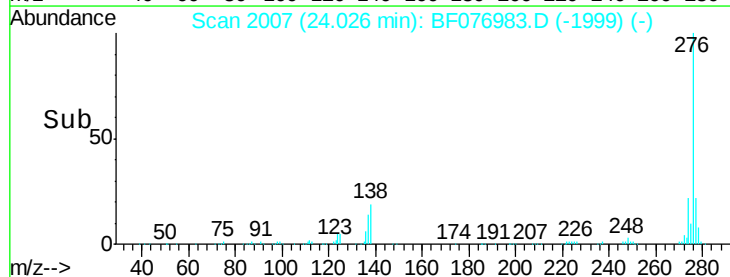
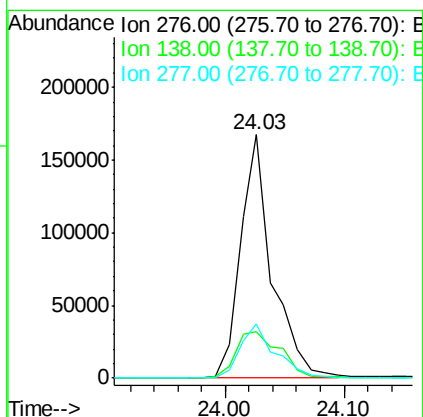
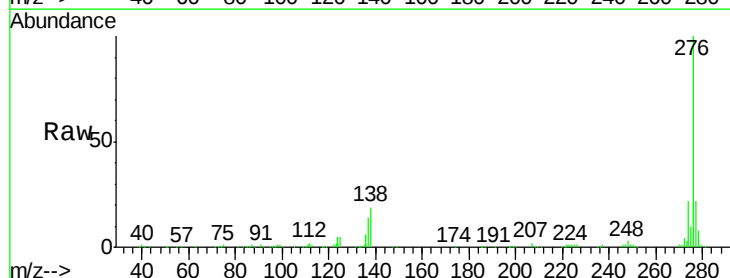
Instrument :
BNA_F
ClientSampleId :

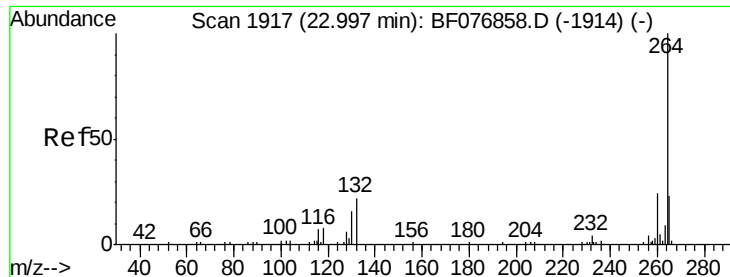
Tot Ion:149 Resp: 486210
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 8.4 6.6 10.0



#85
Indeno(1,2,3-cd)pyrene
Concen: 37.66 ng
RT: 24.03 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:276 Resp: 308415
Ion Ratio Lower Upper
276 100
138 27.0 14.6 22.0#
277 24.7 14.8 22.2#

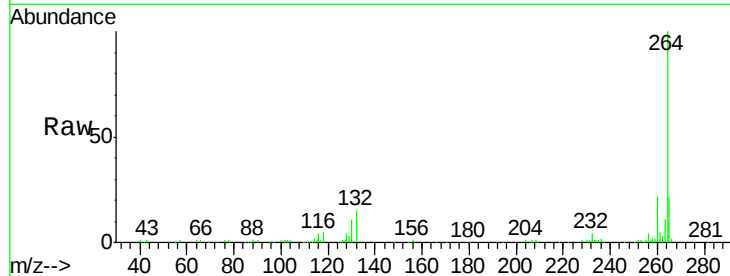




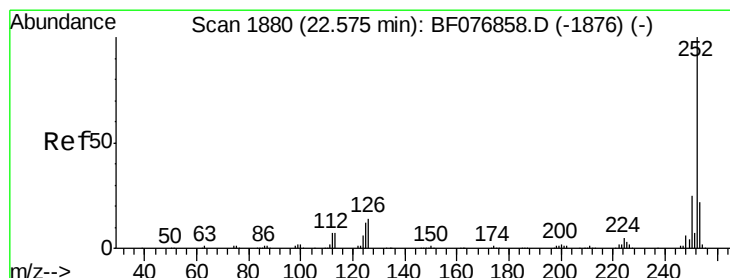
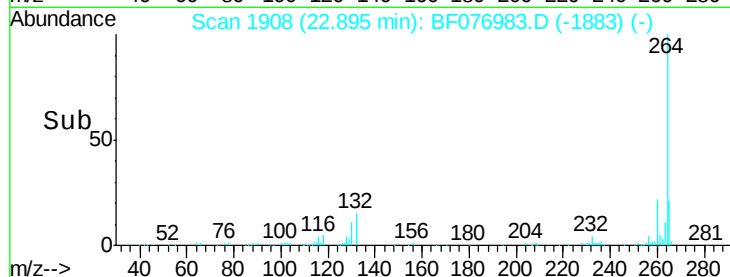
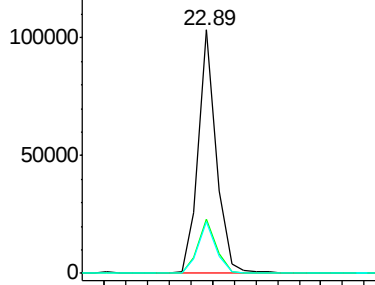
#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.89 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 117242
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 21.0 18.1 27.1

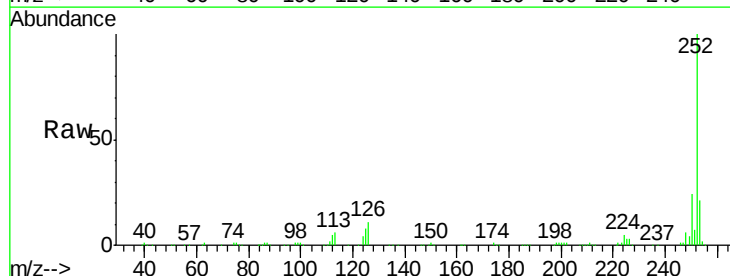


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

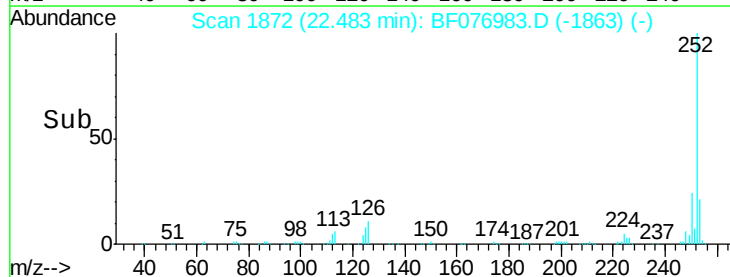
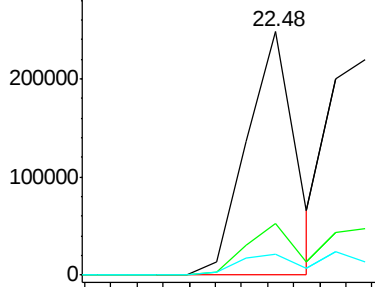


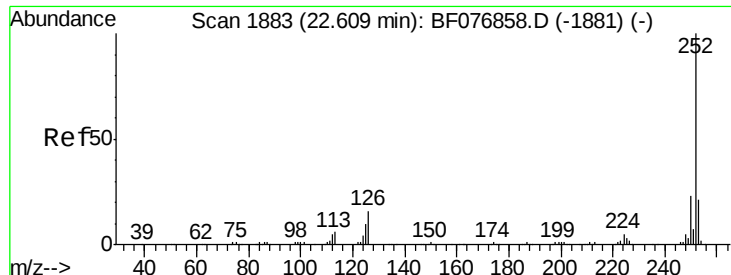
#87
Benzo(b)fluoranthene
Concen: 40.20 ng
RT: 22.48 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:252 Resp: 317418
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 8.4 9.4 14.0#



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

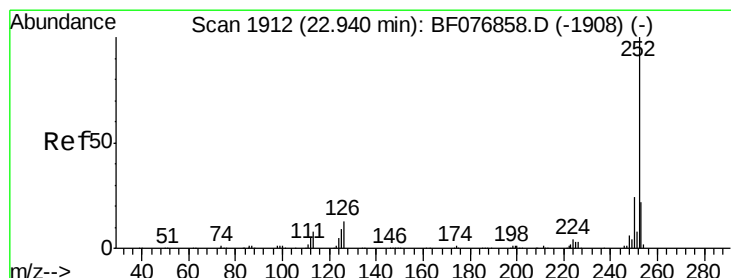
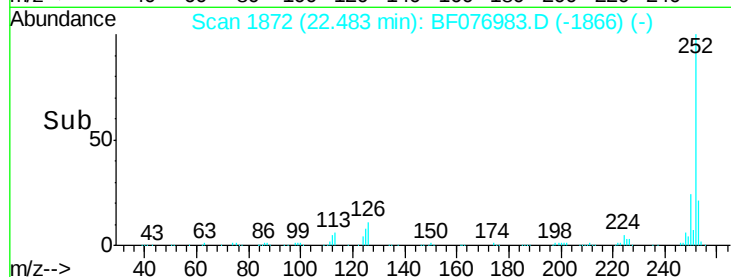
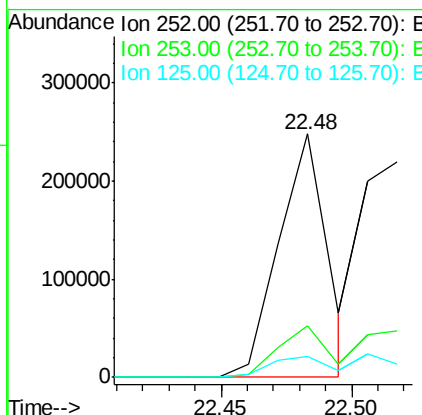
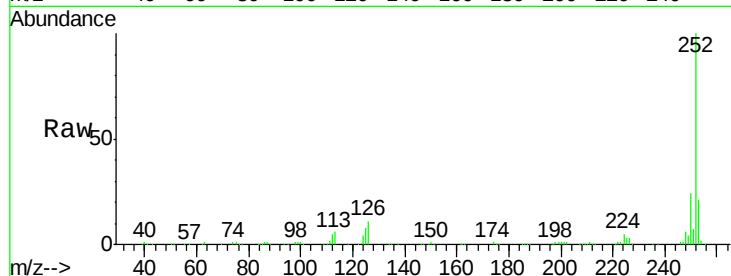




#88
Benzo(k)fluoranthene
Concen: 46.01 ng
RT: 22.48 min Scan# 1872
Delta R.T. -0.03 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

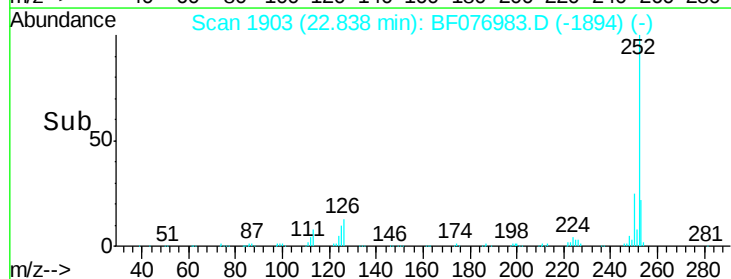
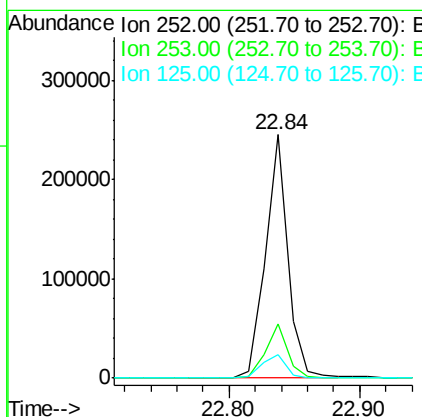
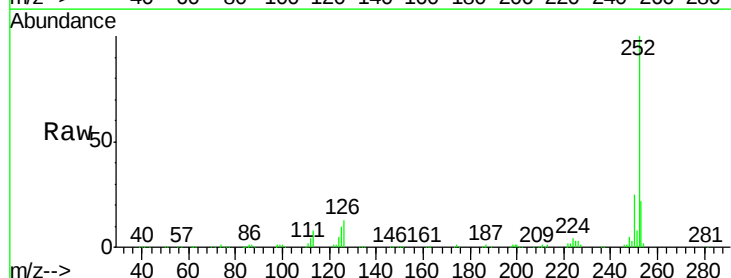
Instrument :
BNA_F
ClientSampleId :

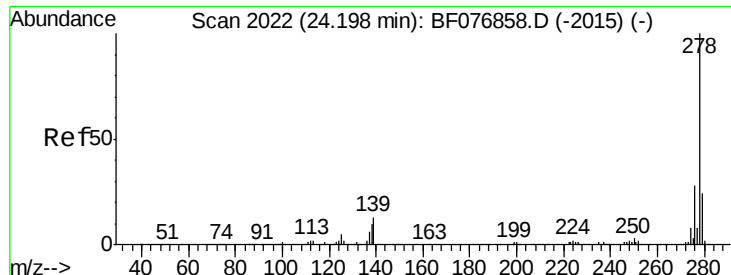
Tot Ion:252 Resp: 317418
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 8.4 7.1 10.7



#89
Benzo(a)pyrene
Concen: 42.52 ng
RT: 22.84 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BF076983.D
Acq: 21 Jan 2015 4:13

Tgt Ion:252 Resp: 296130
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.7 7.2 10.8





#90

Dibenzo(a,h)anthracene

Concen: 40.45 ng

RT: 24.05 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

Instrument :

BNA_F

ClientSampleId :

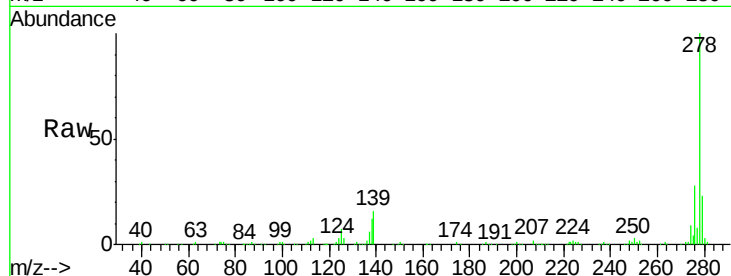
Tot Ion:278 Resp: 258538

Ion Ratio Lower Upper

278 100

139 15.8 10.5 15.7#

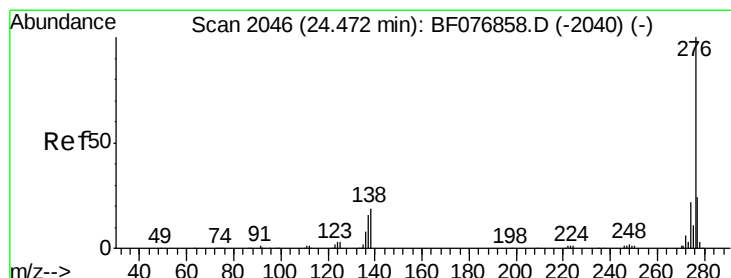
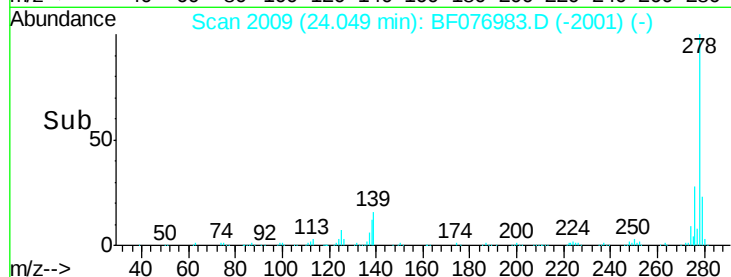
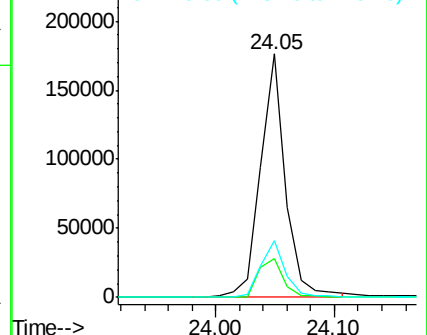
279 23.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 41.05 ng

RT: 24.31 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF076983.D

Acq: 21 Jan 2015 4:13

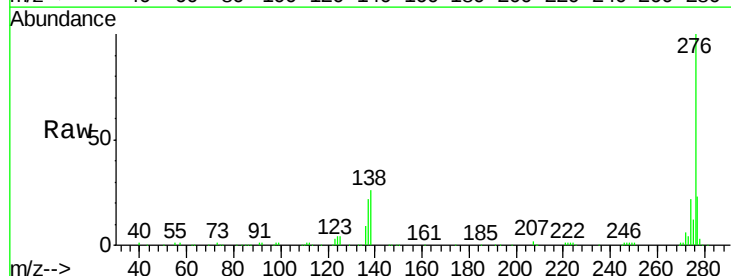
Tgt Ion:276 Resp: 260796

Ion Ratio Lower Upper

276 100

277 23.0 19.5 29.3

138 25.6 15.0 22.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

