

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076949.D
 Acq On : 20 Jan 2015 4:35
 Operator : IZ / TP
 Sample : G1078-01MSD
 Misc : W
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Quant Time: Jan 20 06:04:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 05:54:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	37244	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	147716	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	81213	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	133319	20.00	ng	0.00
75) Chrysene-d12	21.28	240	129659	20.00	ng	0.00
86) Perylene-d12	22.96	264	116119	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.04	112	116276	51.33	ng	0.00
7) Phenol-d6	7.37	99	87576	30.65	ng	0.00
23) Nitrobenzene-d5	9.27	82	214956	80.62	ng	0.00
41) 2,4,6-Tribromophenol	16.69	330	74958	113.71	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	431514	80.86	ng	0.00
78) Terphenyl-d14	20.00	244	397646	70.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.29	88	13955	14.39	ng	97
3) Pyridine	1.80	79	36575	14.57	ng	95
4) n-Nitrosodimethylamine	1.74	42	19861	15.97	ng	# 97
6) Aniline	7.26	93	44982	11.37	ng	94
8) 2-Chlorophenol	7.50	128	75186	28.79	ng	93
9) Benzaldehyde	6.98	77	37423	20.90	ng	96
10) Phenol	7.40	94	33331	10.98	ng	85
11) bis(2-Chloroethyl)ether	7.51	93	92299	38.87	ng	# 85
12) 1,3-Dichlorobenzene	7.82	146	106168	35.73	ng	96
13) 1,4-Dichlorobenzene	8.01	146	107747	34.20	ng	98
14) 1,2-Dichlorobenzene	8.33	146	104558	36.02	ng	98
15) Benzyl Alcohol	8.40	79	53046	22.94	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.76	45	117925	36.95	ng	85
17) 2-Methylphenol	8.76	107	50006	23.43	ng	# 89
18) Hexachloroethane	9.08	117	42249	38.55	ng	97
19) n-Nitroso-di-n-propylamine	9.04	70	72598	36.29	ng	98
20) 3+4-Methylphenols	9.13	107	55103	19.50	ng	93
22) Acetophenone	8.96	105	169922	46.96	ng	95
24) Nitrobenzene	9.32	77	112399	41.38	ng	99
25) Isophorone	9.91	82	190918	39.32	ng	99
26) 2-Nitrophenol	10.06	139	47399	34.59	ng	96
27) 2,4-Dimethylphenol	10.33	122	72520	34.53	ng	98
28) bis(2-Chloroethoxy)methane	10.54	93	116771	42.31	ng	98
29) 2,4-Dichlorophenol	10.65	162	72227	36.89	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	84421	38.83	ng	93
31) Naphthalene	10.93	128	424396	55.80	ng	98
32) Benzoic acid	10.62	122	11025	9.47	ng	# 80
33) 4-Chloroaniline	11.18	127	46659	15.18	ng	95
34) Hexachlorobutadiene	11.29	225	49864	38.65	ng	96
35) Caprolactam	12.01	113	3113	5.40	ng	# 78
36) 4-Chloro-3-methylphenol	12.46	107	83891	37.43	ng	93
37) 2-Methylnaphthalene	12.59	142	385079	74.14	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	82179	40.93	ng	97
40) Hexachlorocyclopentadiene	12.97	237	86005	79.59	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

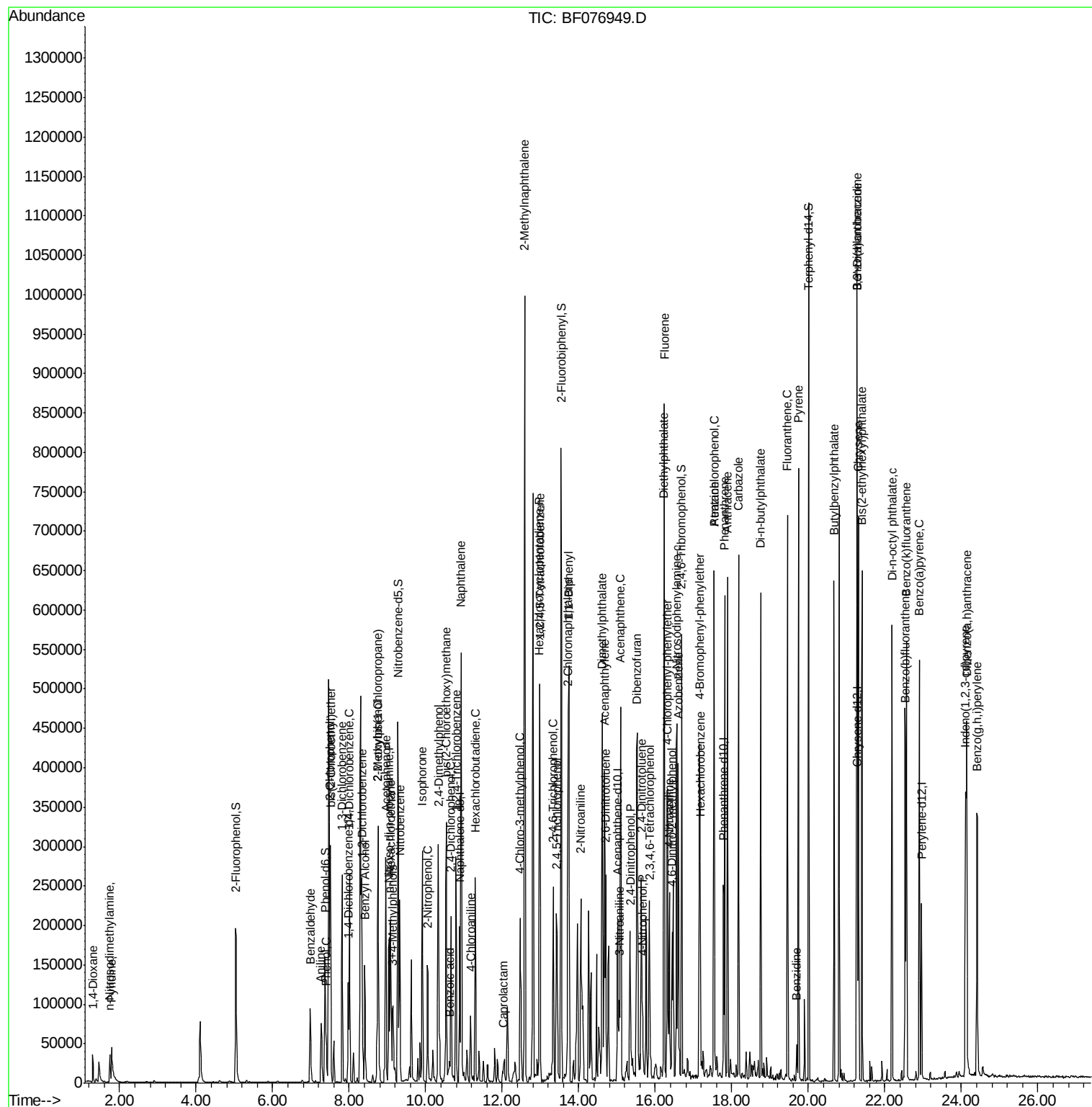
42) 2,4,6-Trichlorophenol	13.33	196	52895	36.16	nq	93
43) 2,4,5-Trichlorophenol	13.42	196	53863	36.10	nq	# 96
45) 1,1'-Biphenyl	13.74	154	272079	45.19	nq	96
46) 2-Chloronaphthalene	13.72	162	193615	39.08	nq	99
47) 2-Nitroaniline	14.06	65	63330	42.14	nq	89
48) Acenaphthylene	14.67	152	309000	36.98	nq	98
49) Dimethylphthalate	14.61	163	229878	39.91	nq	100
50) 2,6-Dinitrotoluene	14.71	165	47356	41.15	nq	95
51) Acenaphthene	15.09	154	182069	38.40	nq	96
52) 3-Nitroaniline	15.05	138	24731	17.65	nq	# 94
53) 2,4-Dinitrophenol	15.34	184	39785	74.60	nq	97
54) Dibenzofuran	15.51	168	284193	41.15	nq	97
55) 4-Nitrophenol	15.66	139	23425	25.95	nq	94
56) 2,4-Dinitrotoluene	15.64	165	69186	40.45	nq	93
57) Fluorene	16.23	166	243700	41.64	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.85	232	43486	40.03	nq	97
59) Diethylphthalate	16.22	149	237682	40.83	nq	99
60) 4-Chlorophenyl-phenylether	16.32	204	95469	39.88	nq	91
61) 4-Nitroaniline	16.37	138	45641	31.96	nq	95
62) Azobenzene	16.60	77	241236	39.78	nq	98
64) 4,6-Dinitro-2-methylphenol	16.44	198	28899	34.71	nq	75
65) n-Nitrosodiphenylamine	16.56	169	183069	38.51	nq	97
66) 4-Bromophenyl-phenylether	17.16	248	54985	40.71	nq	92
67) Hexachlorobenzene	17.18	284	57054	40.08	nq	# 87
68) Atrazine	17.53	200	66715	46.25	nq	98
69) Pentachlorophenol	17.53	266	48121	74.25	nq	97
70) Phenanthrene	17.82	178	354933	42.69	nq	98
71) Anthracene	17.89	178	314383	38.78	nq	100
72) Carbazole	18.17	167	310005	39.42	nq	98
73) Di-n-butylphthalate	18.76	149	399471	43.89	nq	98
74) Fluoranthene	19.45	202	337022	39.56	nq	99
76) Benzidine	19.69	184	23810	5.74	nq	99
77) Pyrene	19.74	202	342811	38.58	nq	99
79) Butylbenzylphthalate	20.67	149	166764	41.44	nq	91
80) Benzo(a)anthracene	21.27	228	309065	37.99	nq	100
81) 3,3'-Dichlorobenzidine	21.27	252	62468	24.16	nq	100
82) Chrysene	21.31	228	276624	37.29	nq	97
83) Bis(2-ethylhexyl)phthalate	21.41	149	268058	48.14	nq	100
84) Di-n-octyl phthalate	22.19	149	416921	43.14	nq	99
85) Indeno(1,2,3-cd)pyrene	24.11	276	294176	37.42	nq	# 84
87) Benzo(b)fluoranthene	22.54	252	305730	39.09	nq	# 95
88) Benzo(k)fluoranthene	22.56	252	263401m	38.55	nq	
89) Benzo(a)pyrene	22.89	252	271234	39.32	nq	# 97
90) Dibenzo(a,h)anthracene	24.14	278	247782	39.15	nq	98
91) Benzo(g,h,i)perylene	24.41	276	246386	39.15	nq	99

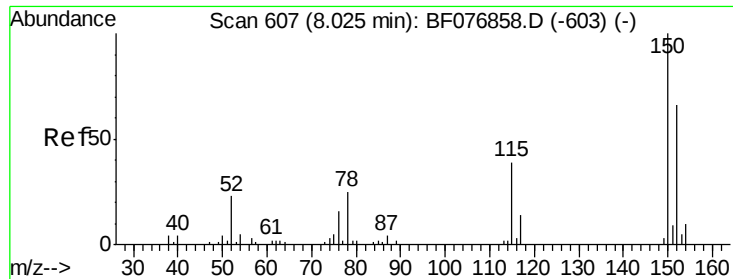
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

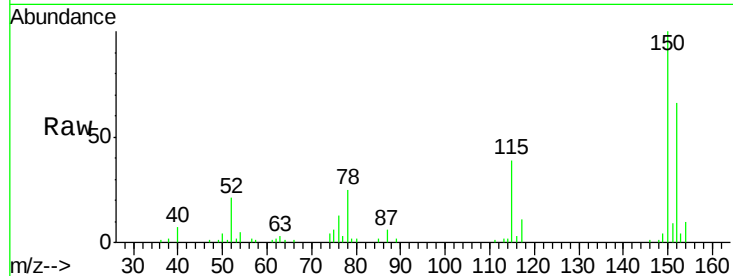
Tot Ion:152 Resp: 37244

Ion Ratio Lower Upper

152 100

150 151.4 121.7 182.5

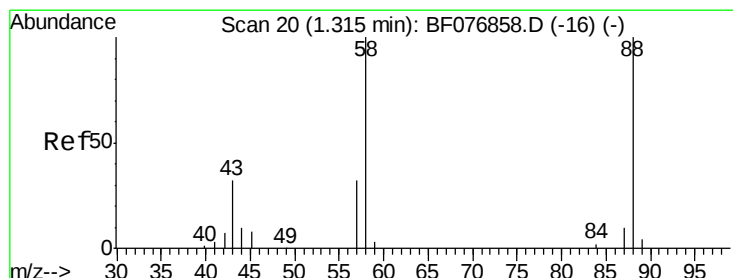
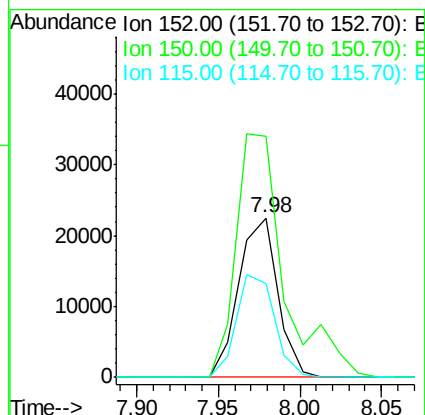
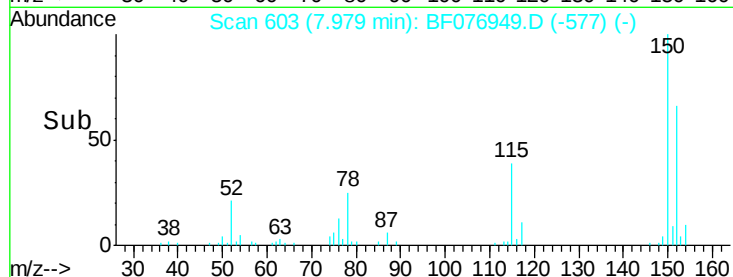
115 58.7 47.0 70.6



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



#2

1,4-Dioxane

Concen: 14.39 ng

RT: 1.29 min Scan# 18

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

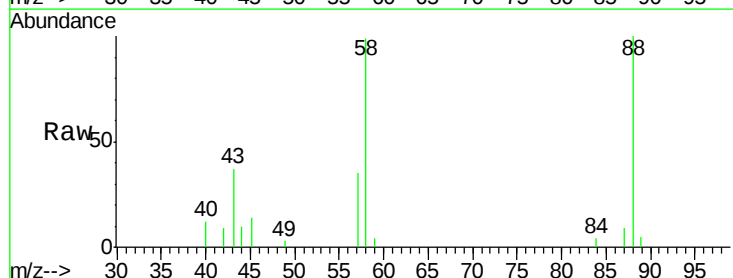
Tgt Ion: 88 Resp: 13955

Ion Ratio Lower Upper

88 100

58 95.5 77.0 115.4

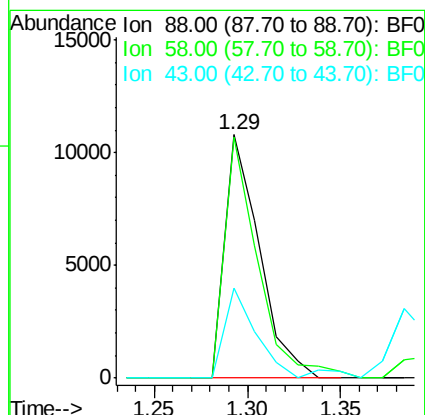
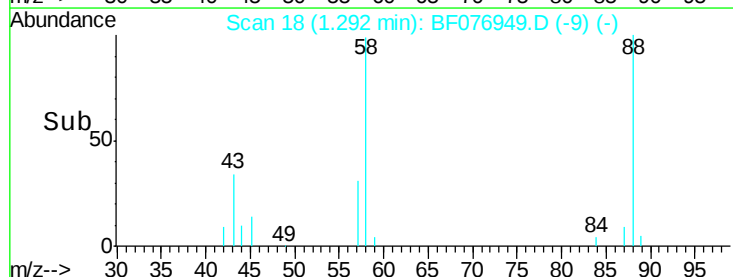
43 36.4 25.6 38.4



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: 14.57 ng

RT: 1.80 min Scan# 62

Delta R.T. 0.00 min

Lab File: BF076949.D

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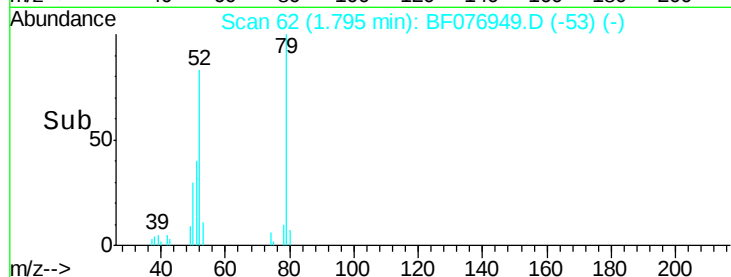
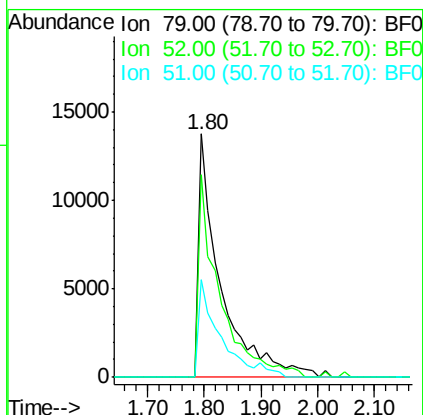
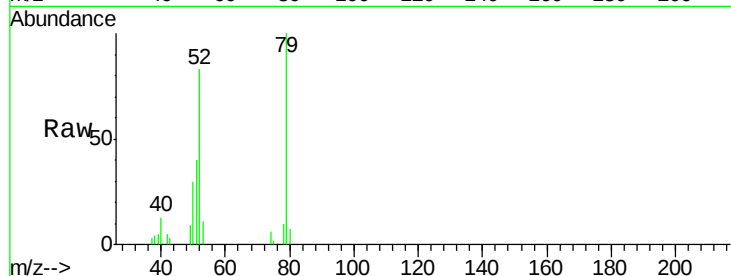
Tot Ion: 79 Resp: 36575

Ion Ratio Lower Upper

79 100

52 83.5 70.1 105.1

51 40.2 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 15.97 ng

RT: 1.74 min Scan# 57

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

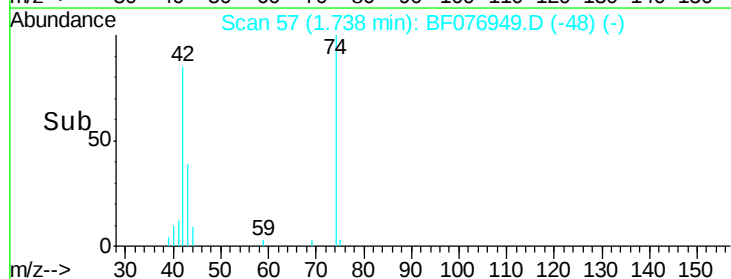
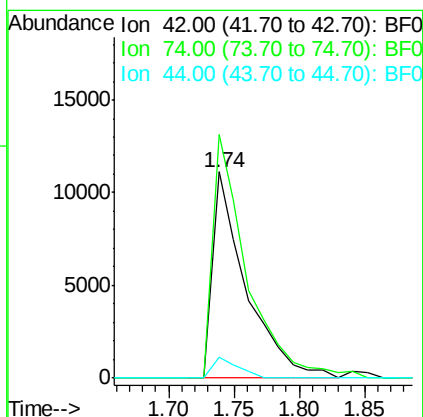
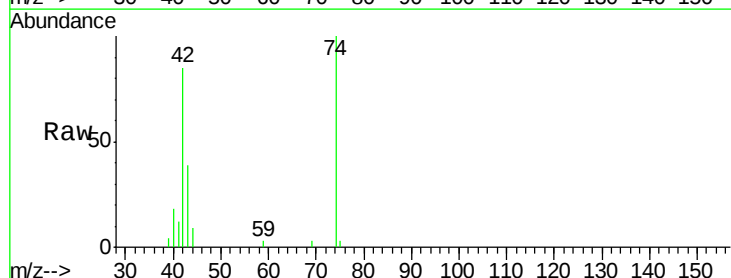
Tgt Ion: 42 Resp: 19861

Ion Ratio Lower Upper

42 100

74 118.1 92.4 138.6

44 10.4 6.2 9.2#





#5

2-Fluorophenol

Concen: 51.33 ng

RT: 5.04 min Scan# 346

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

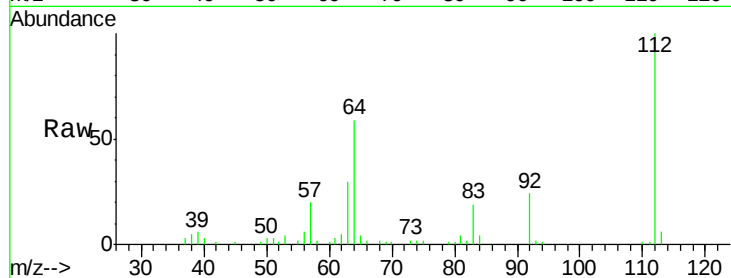
Tot Ion:112 Resp: 116276

Ion Ratio Lower Upper

112 100

64 59.4 54.2 81.4

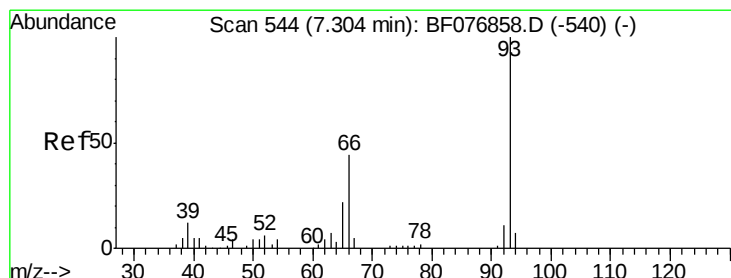
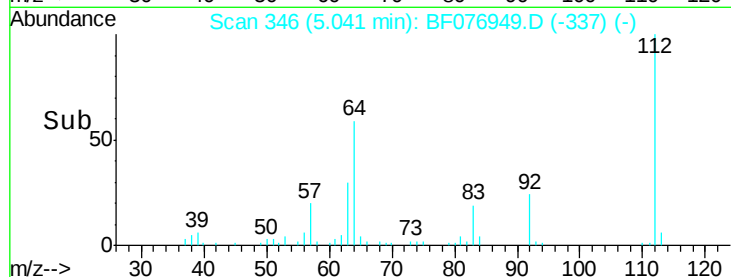
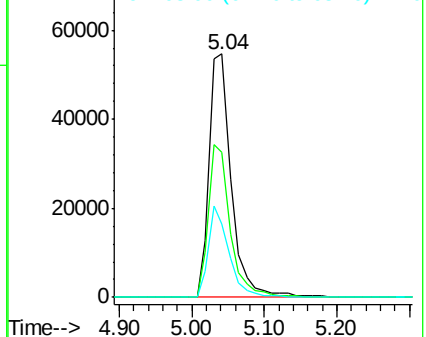
63 30.0 28.4 42.6



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: 11.37 ng

RT: 7.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

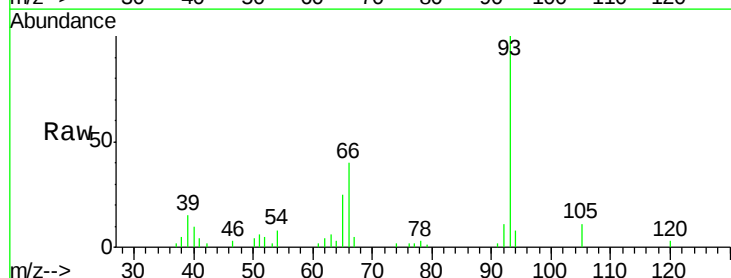
Tgt Ion: 93 Resp: 44982

Ion Ratio Lower Upper

93 100

66 39.5 35.0 52.4

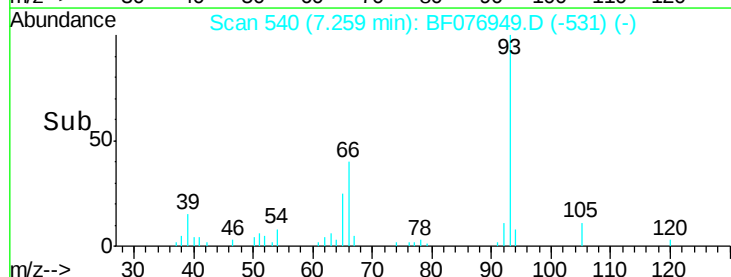
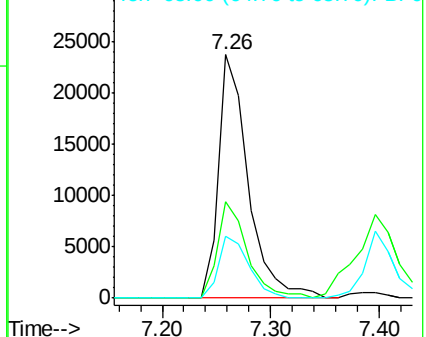
65 25.2 17.7 26.5

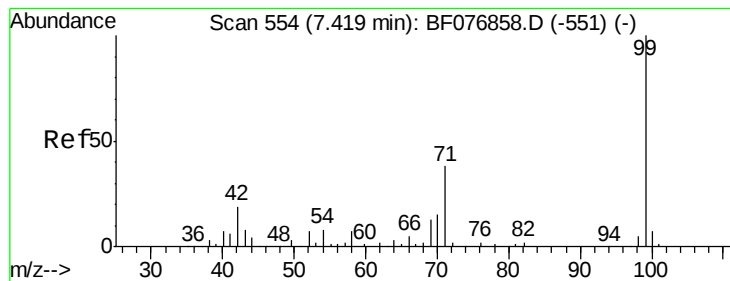


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 30.65 ng

RT: 7.37 min Scan# 550

Delta R.T. 0.00 min

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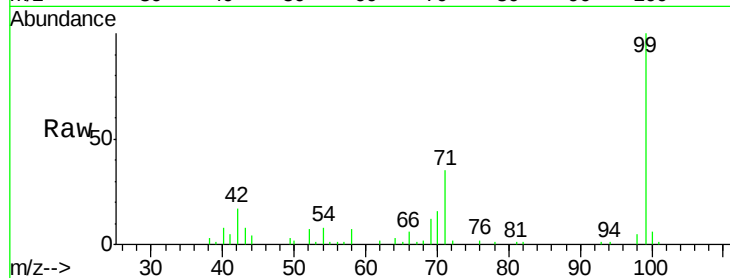
Tot Ion: 99 Resp: 87576

Ion Ratio Lower Upper

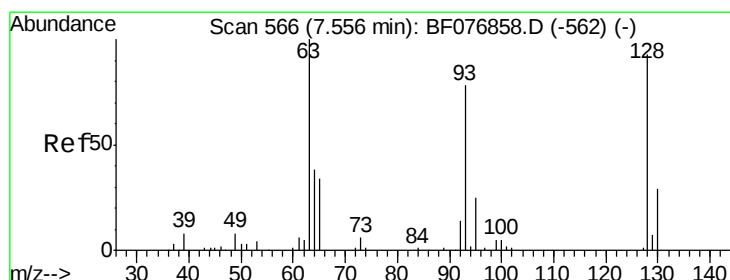
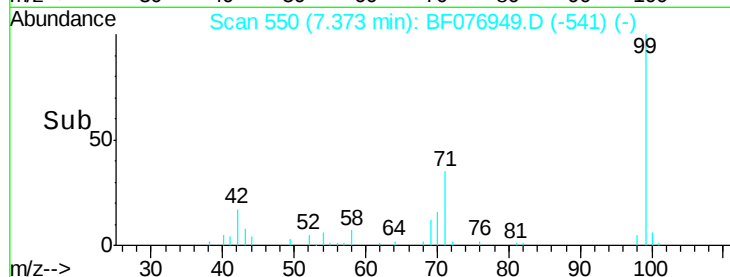
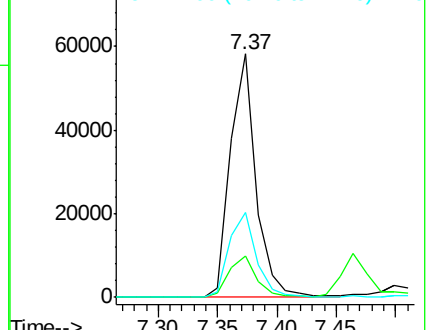
99 100

42 16.9 15.0 22.4

71 34.8 30.5 45.7



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



#8

2-Chlorophenol

Concen: 28.79 ng

RT: 7.50 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF076949.D

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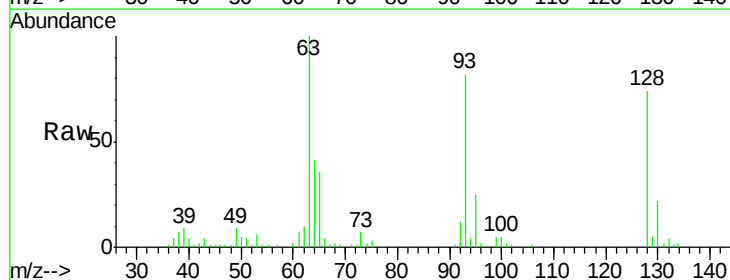
Tgt Ion: 128 Resp: 75186

Ion Ratio Lower Upper

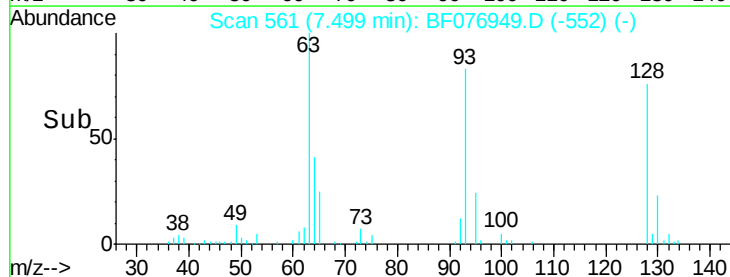
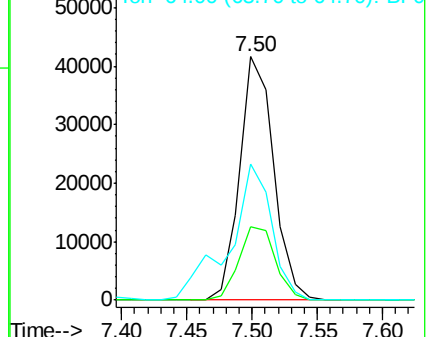
128 100

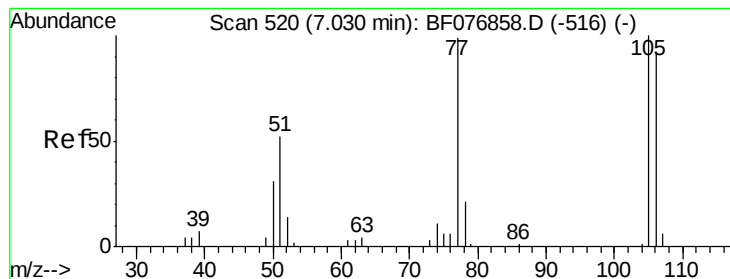
130 30.2 11.0 51.0

64 56.2 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.90 ng

RT: 6.98 min Scan# 516

Delta R.T. 0.00 min

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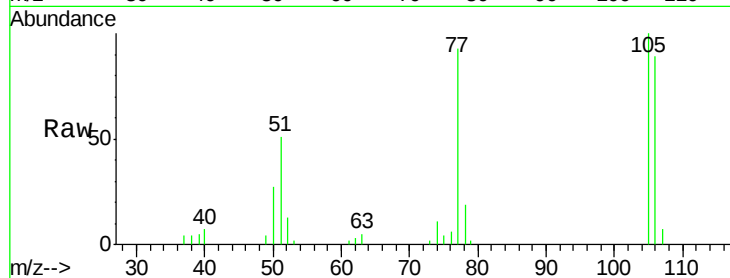
Tot Ion: 77 Resp: 37423

Ion Ratio Lower Upper

77 100

105 107.0 81.4 121.4

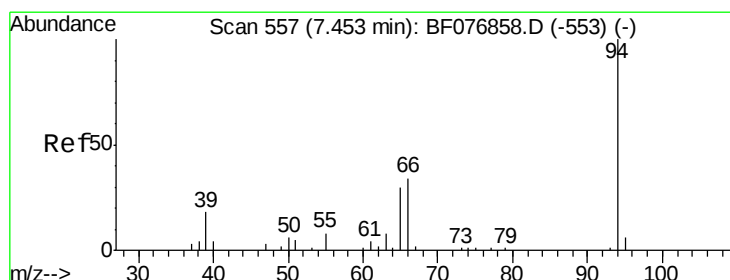
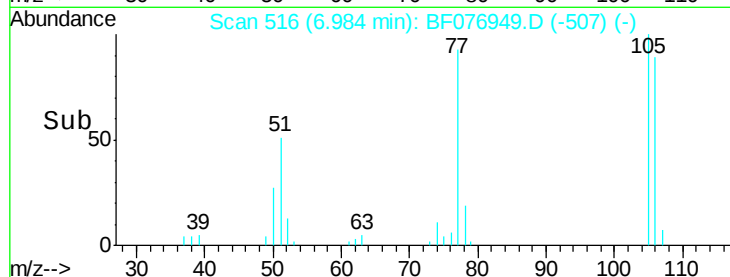
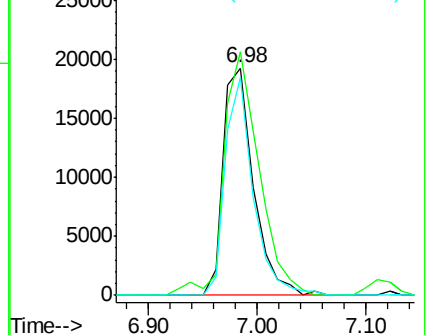
106 95.5 72.8 112.8



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: 10.98 ng

RT: 7.40 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

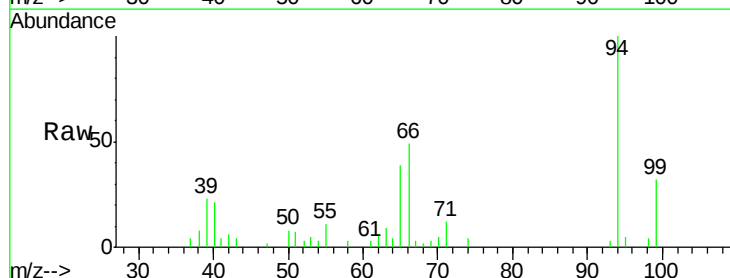
Tgt Ion: 94 Resp: 33331

Ion Ratio Lower Upper

94 100

65 39.3 11.3 51.3

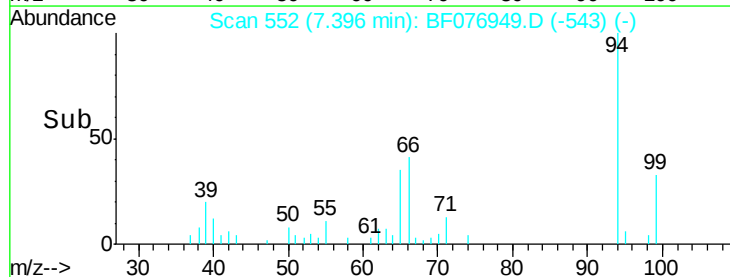
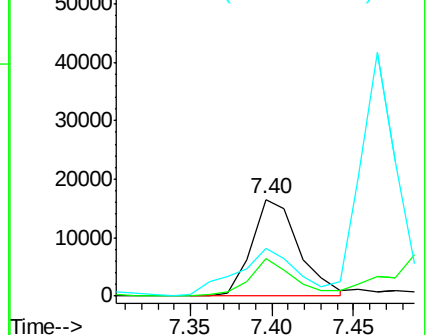
66 48.9 19.5 59.5

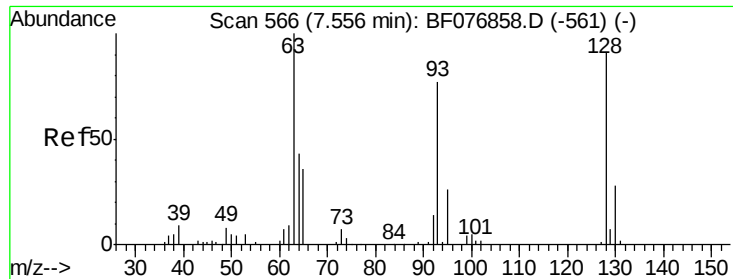


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

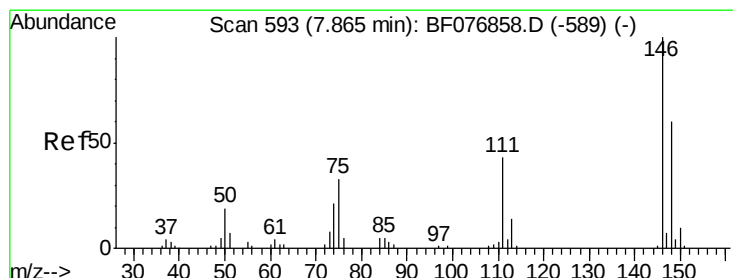
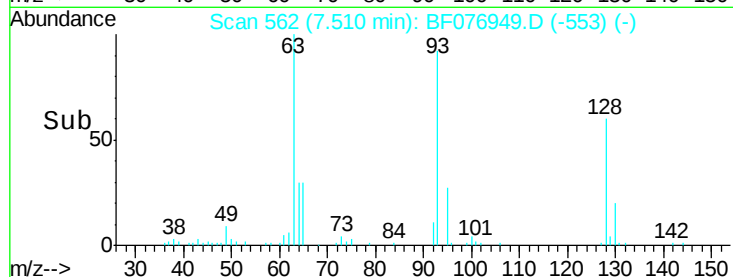
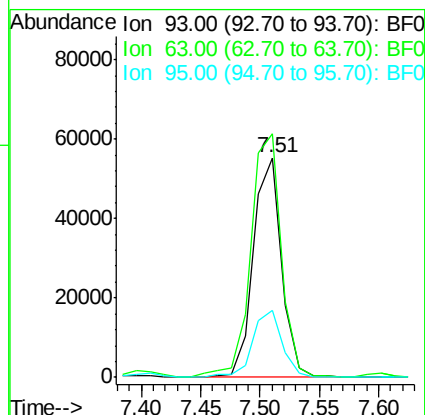
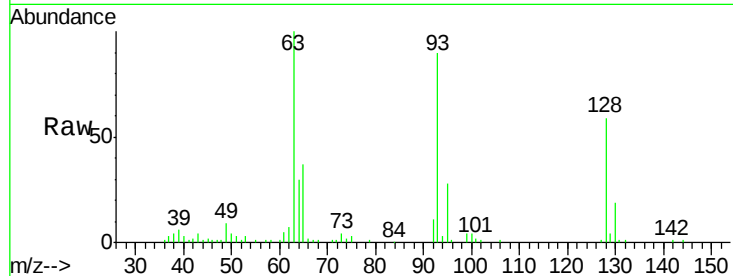




#11
bis(2-Chloroethyl)ether
Concen: 38.87 ng
RT: 7.51 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

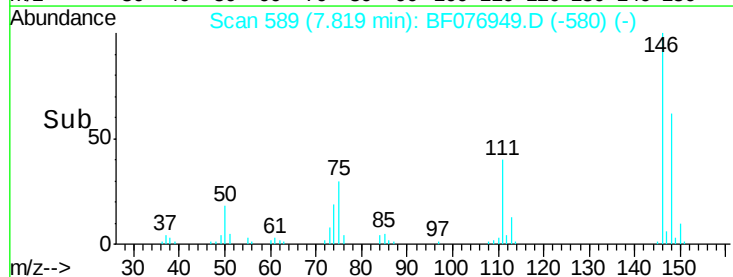
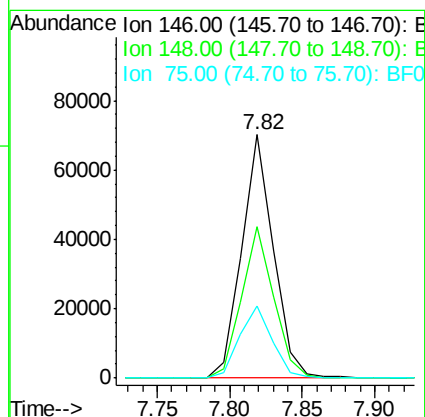
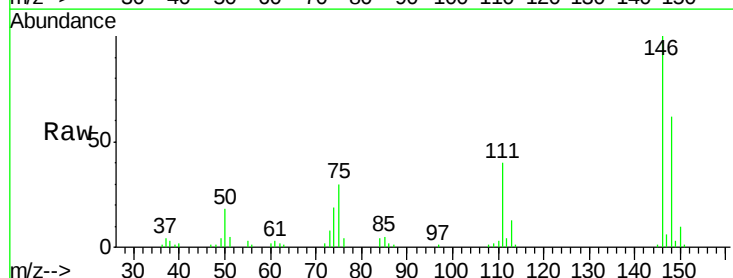
Instrument :
BNA_F
ClientSampleId :
S-1MSD

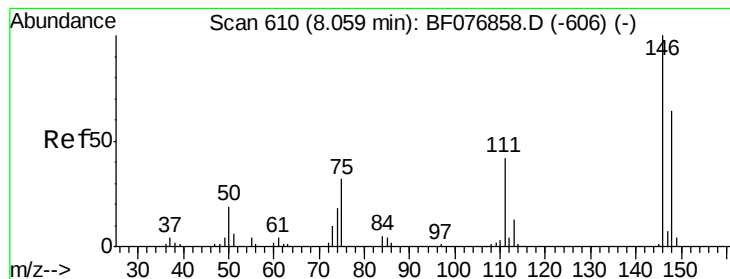
Tot Ion: 93 Resp: 92299
Ion Ratio Lower Upper
93 100
63 111.0 111.3 151.3#
95 30.7 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 35.73 ng
RT: 7.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Tgt Ion: 146 Resp: 106168
Ion Ratio Lower Upper
146 100
148 62.1 48.1 72.1
75 29.6 26.8 40.2





#13

1,4-Dichlorobenzene

Concen: 34.20 ng

RT: 8.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

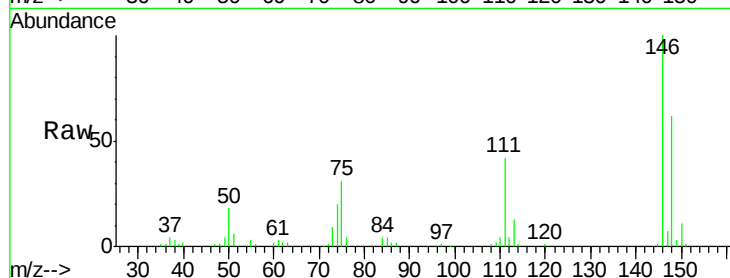
Tot Ion:146 Resp: 107747

Ion Ratio Lower Upper

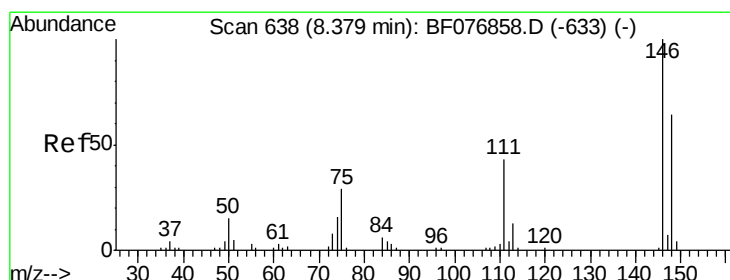
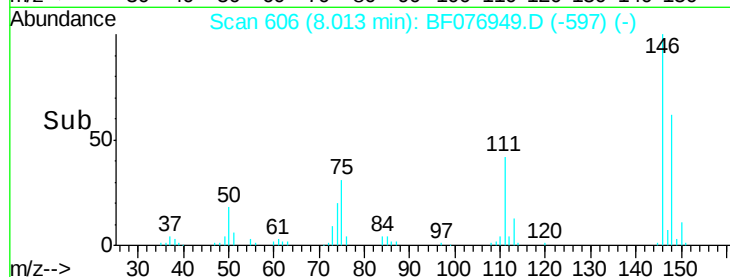
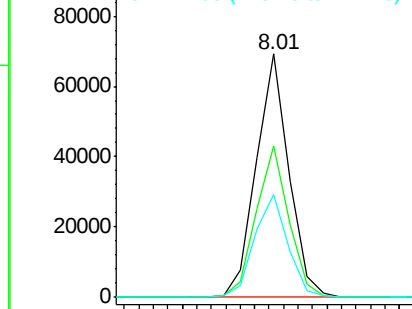
146 100

148 62.2 51.5 77.3

111 42.0 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: 36.02 ng

RT: 8.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

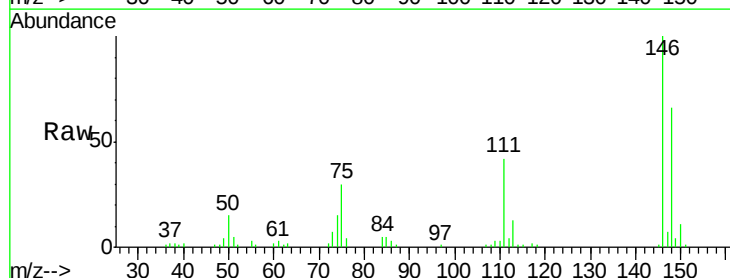
Tgt Ion:146 Resp: 104558

Ion Ratio Lower Upper

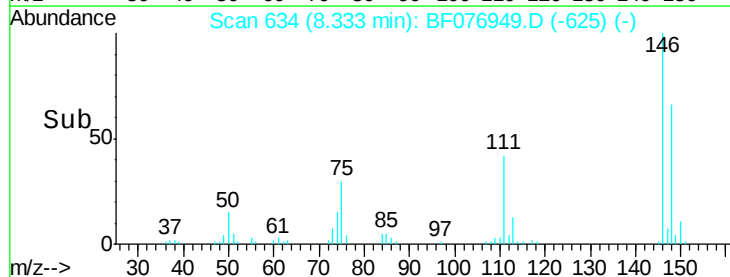
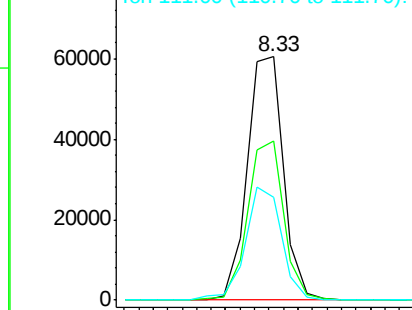
146 100

148 65.5 51.3 76.9

111 42.2 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: 22.94 ng

RT: 8.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

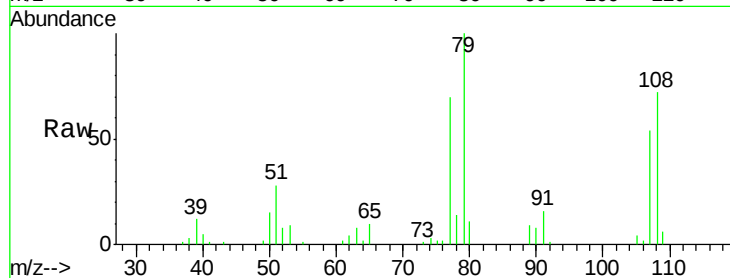
Tot Ion: 79 Resp: 53046

Ion Ratio Lower Upper

79 100

108 71.8 57.2 85.8

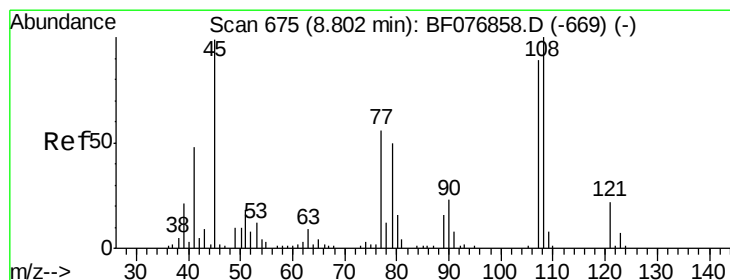
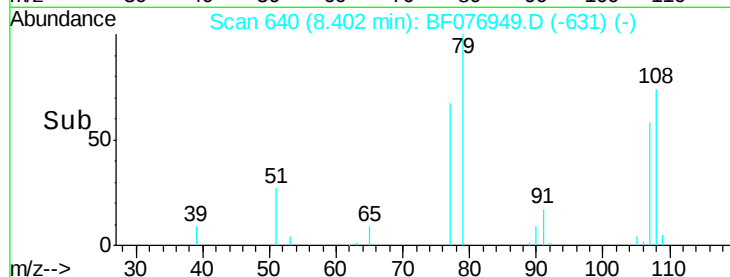
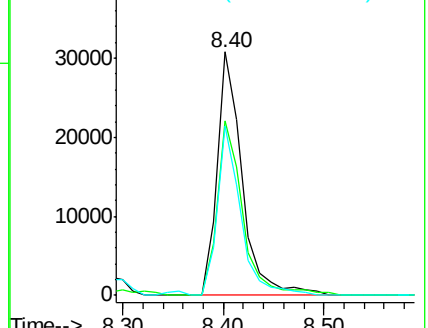
77 69.5 51.2 76.8



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: 36.95 ng

RT: 8.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

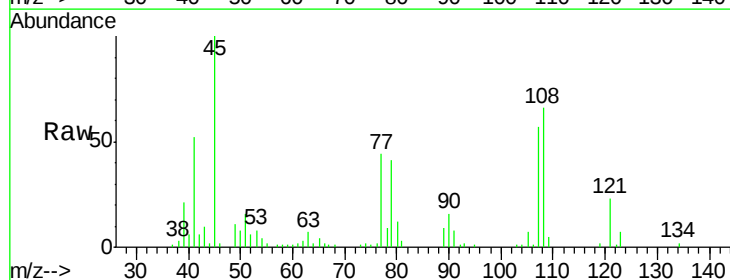
Tgt Ion: 45 Resp: 117925

Ion Ratio Lower Upper

45 100

77 44.5 36.1 76.1

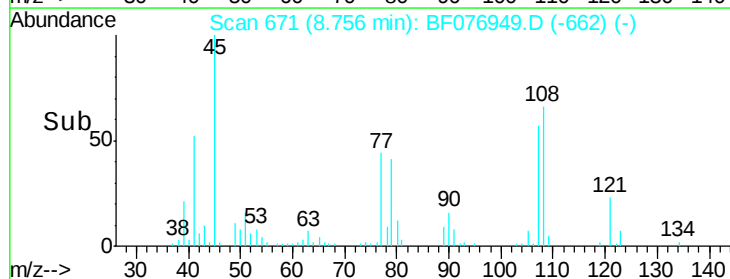
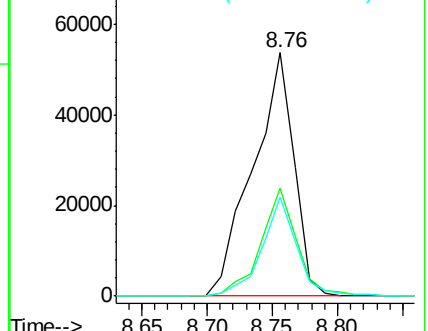
79 40.8 30.5 70.5

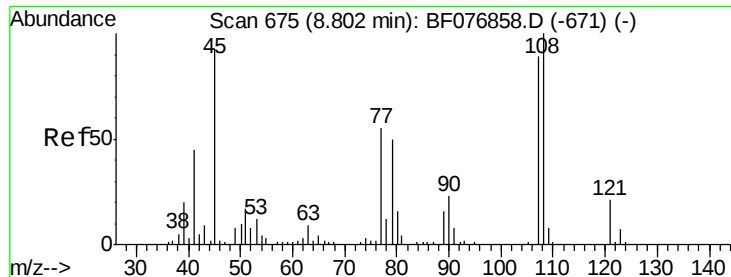


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 23.43 ng

RT: 8.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tot Ion:107 Resp: 50006

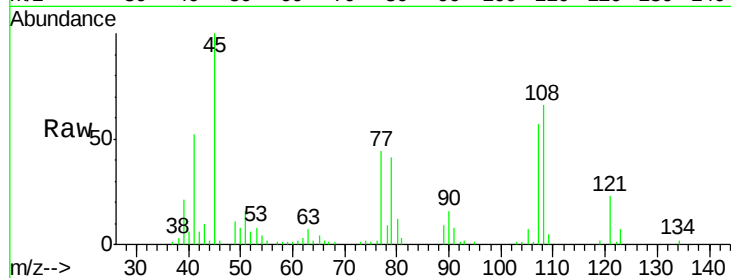
Ion Ratio Lower Upper

107 100

108 114.8 89.7 134.5

77 77.5 50.1 75.1#

79 71.0 45.0 67.6#

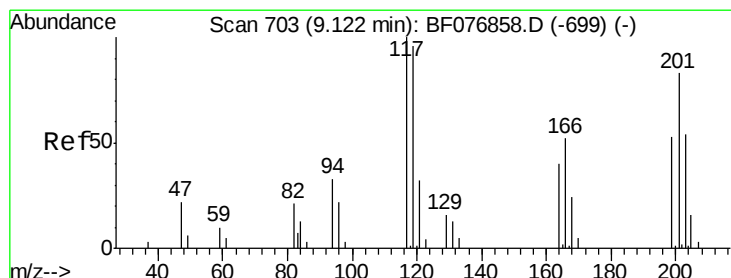
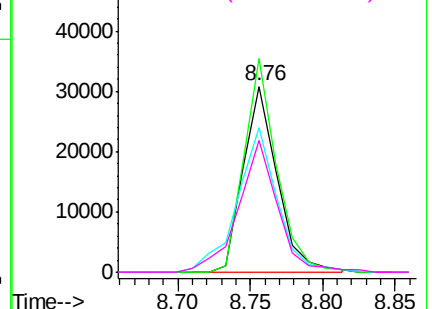
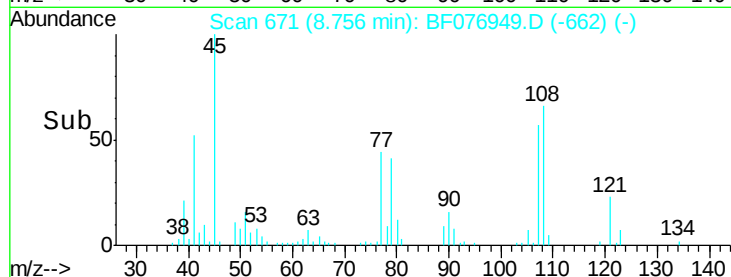


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.55 ng

RT: 9.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

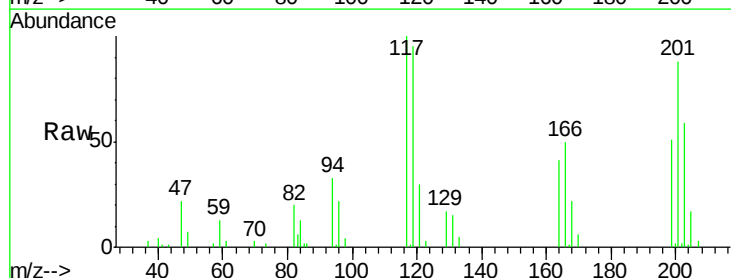
Tgt Ion:117 Resp: 42249

Ion Ratio Lower Upper

117 100

119 94.9 77.1 115.7

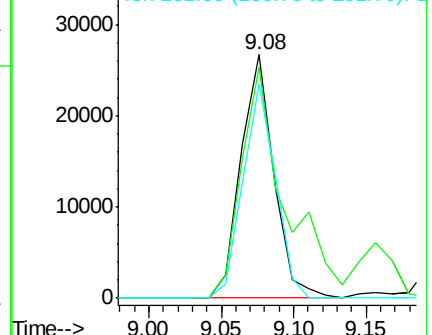
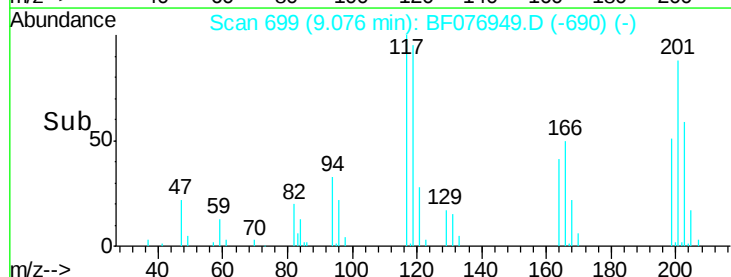
201 87.8 66.8 100.2

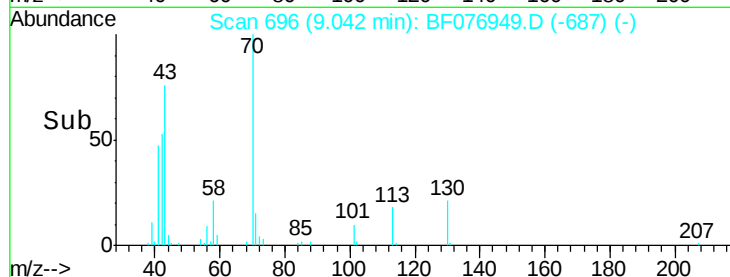
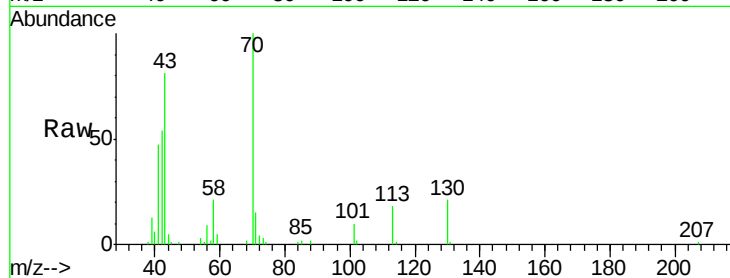
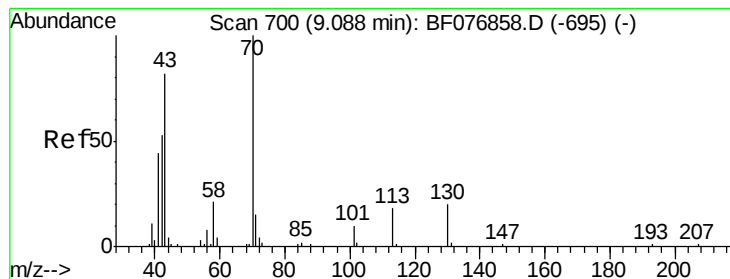


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.29 ng

RT: 9.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tot Ion: 70 Resp: 72598

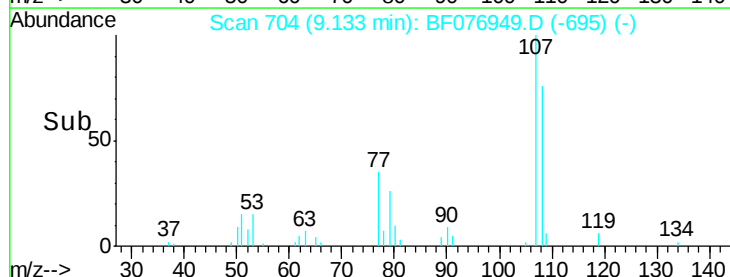
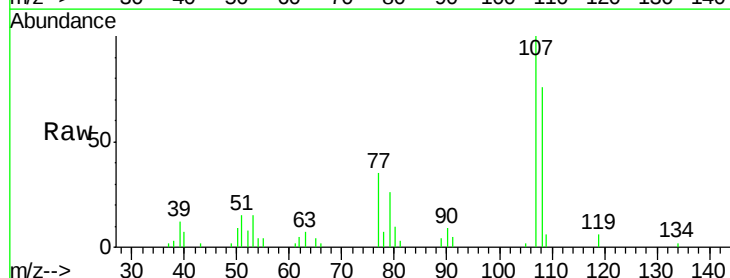
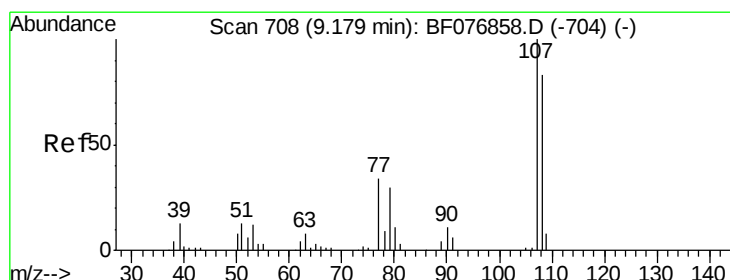
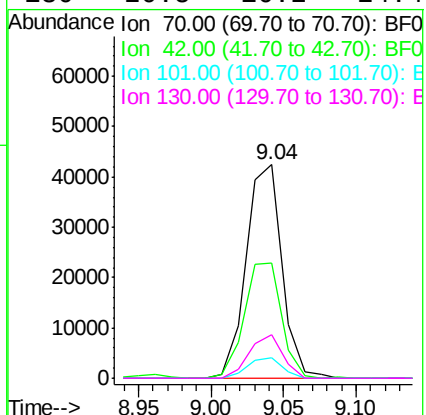
Ion Ratio Lower Upper

70 100

42 54.1 42.1 63.1

101 9.6 7.8 11.8

130 20.5 16.2 24.4



#20

3+4-Methylphenols

Concen: 19.50 ng

RT: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Tgt Ion: 107 Resp: 55103

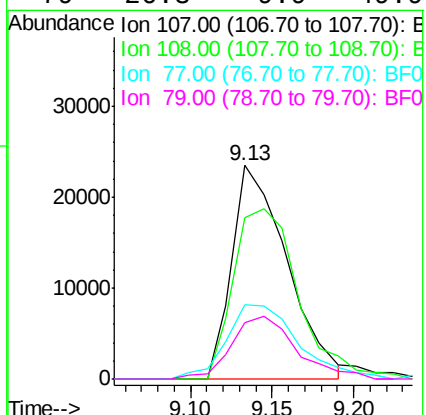
Ion Ratio Lower Upper

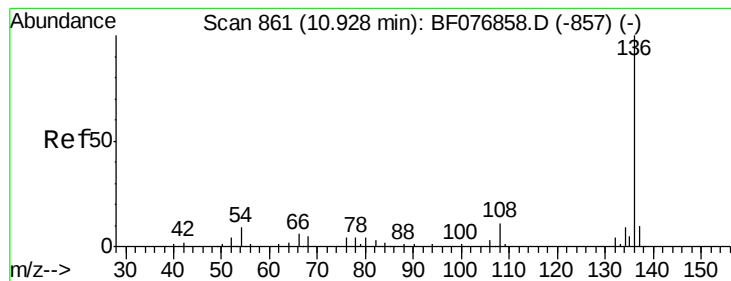
107 100

108 75.6 63.5 103.5

77 34.5 14.0 54.0

79 26.3 9.9 49.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tot Ion:136 Resp: 147716

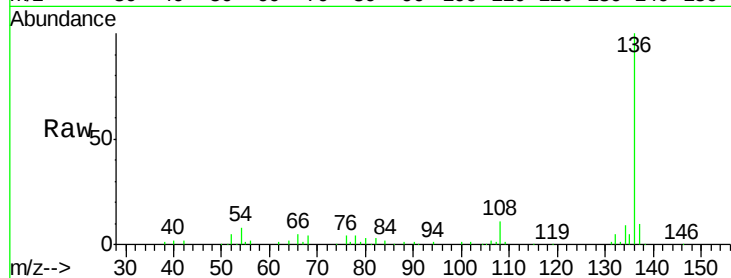
Ion Ratio Lower Upper

136 100

137 10.2 8.1 12.1

54 7.6 7.0 10.4

68 4.1 3.7 5.5

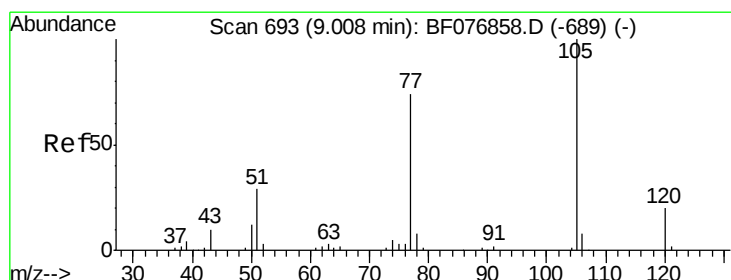
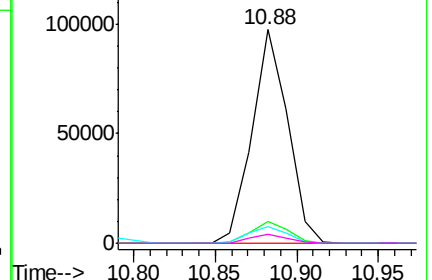
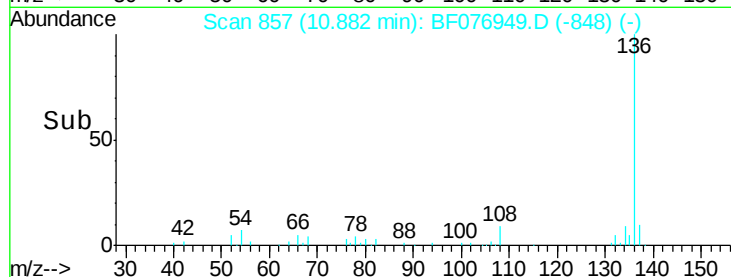


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.96 ng

RT: 8.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Tgt Ion:105 Resp: 169922

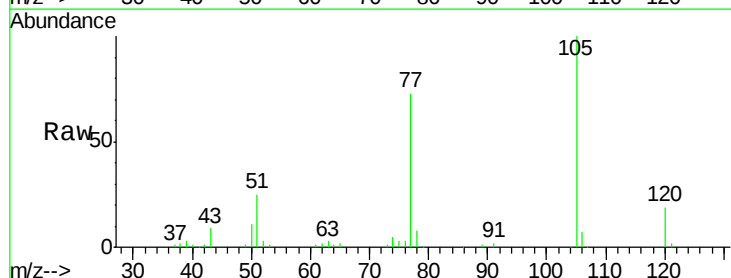
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 25.0 23.3 34.9

120 19.4 16.1 24.1

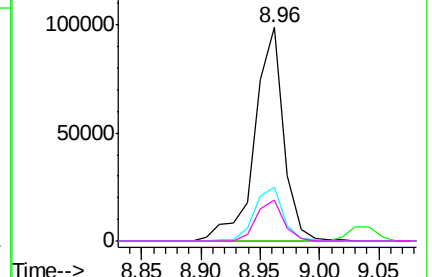
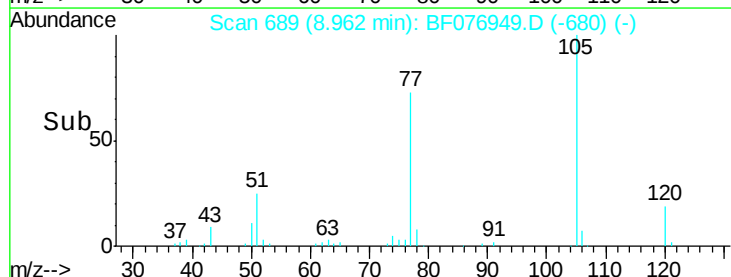


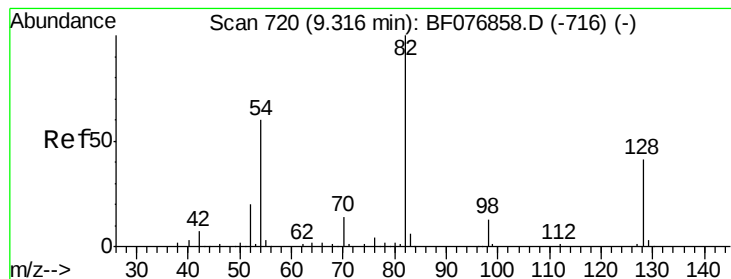
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.62 ng

RT: 9.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

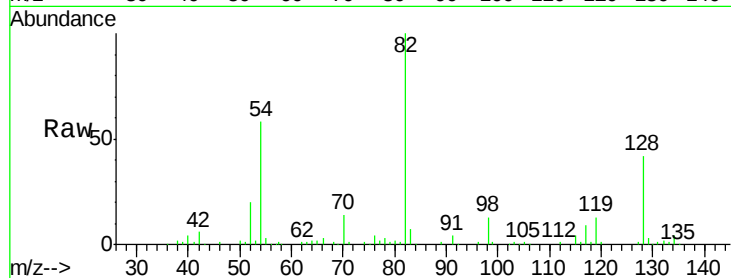
Tot Ion: 82 Resp: 214956

Ion Ratio Lower Upper

82 100

128 41.9 33.1 49.7

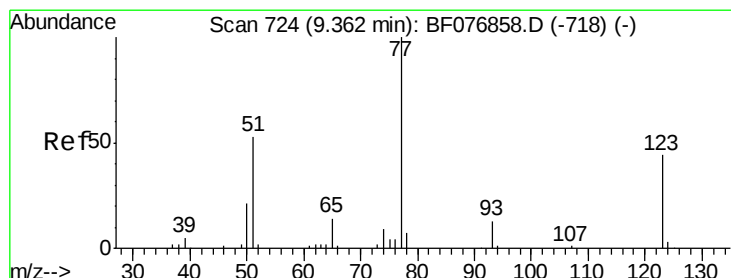
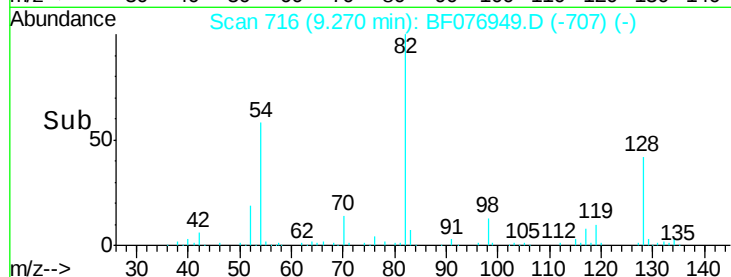
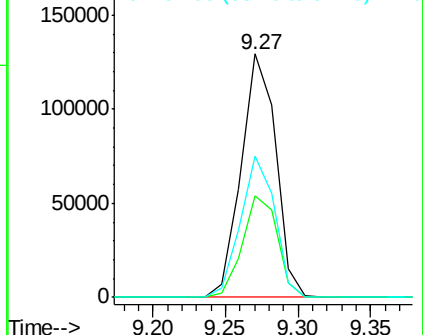
54 58.2 48.3 72.5



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: 41.38 ng

RT: 9.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

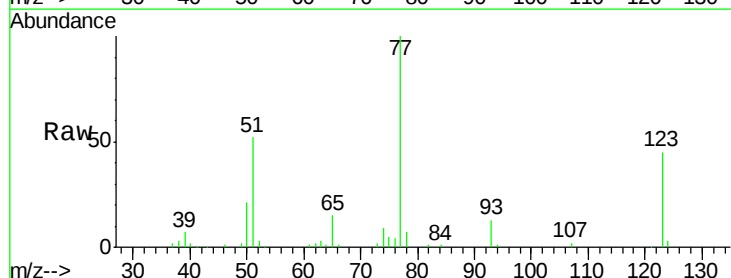
Tgt Ion: 77 Resp: 112399

Ion Ratio Lower Upper

77 100

123 44.6 35.2 52.8

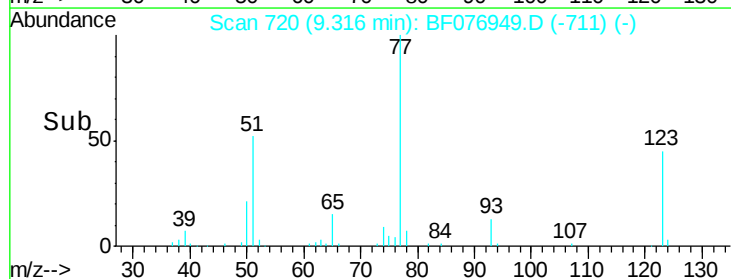
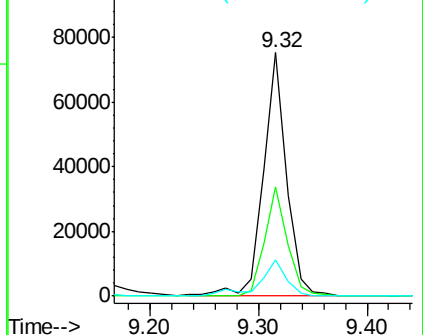
65 14.8 11.4 17.2



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: 39.32 ng

RT: 9.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

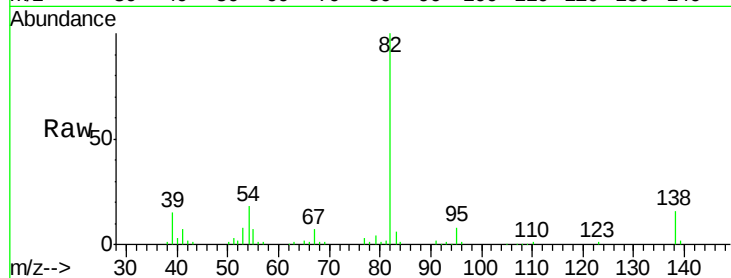
Tot Ion: 82 Resp: 190918

Ion Ratio Lower Upper

82 100

95 8.0 6.6 10.0

138 16.0 12.6 18.8

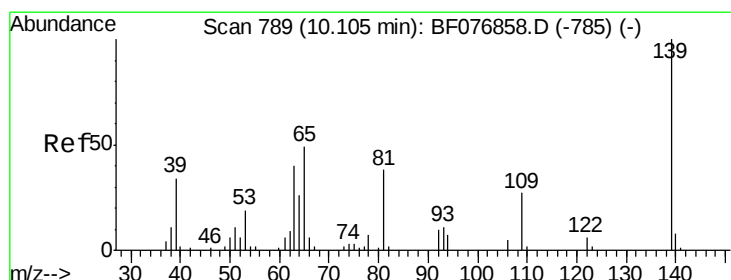
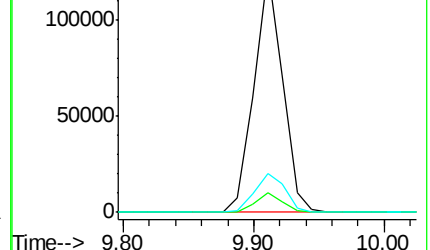
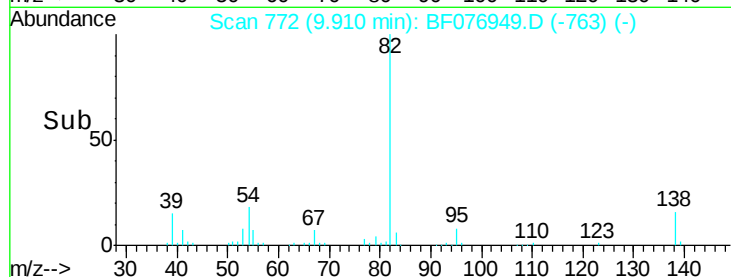


Abundance Ion 82.00 (81.70 to 82.70): BF076858.D (-772) (-)

Ion 95.00 (94.70 to 95.70): BF076858.D (-772) (-)

Ion 138.00 (137.70 to 138.70): BF076858.D (-772) (-)

Time-->



#26

2-Nitrophenol

Concen: 34.59 ng

RT: 10.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

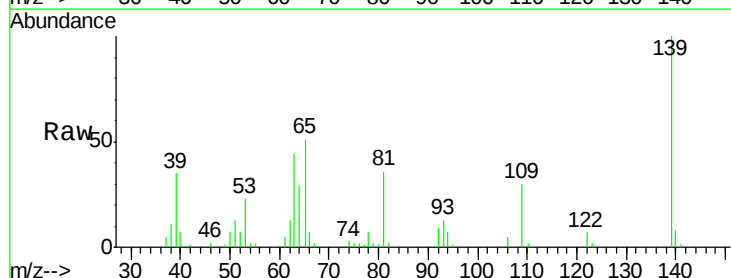
Tgt Ion: 139 Resp: 47399

Ion Ratio Lower Upper

139 100

109 30.1 21.3 31.9

65 51.0 39.4 59.0

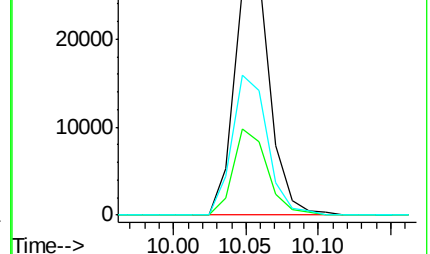
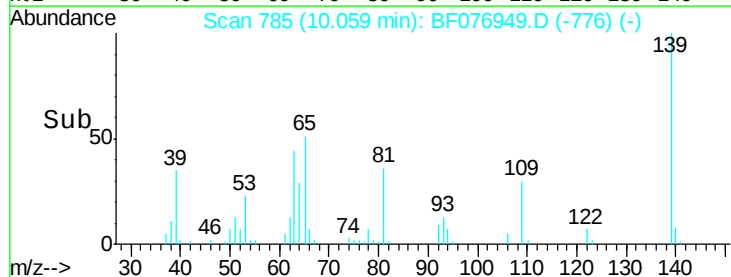


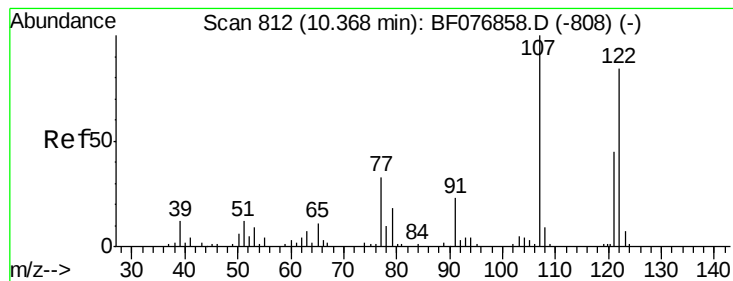
Abundance Ion 139.00 (138.70 to 139.70): BF076858.D (-785) (-)

Ion 109.00 (108.70 to 109.70): BF076858.D (-785) (-)

Ion 65.00 (64.70 to 65.70): BF076858.D (-785) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 34.53 ng

RT: 10.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

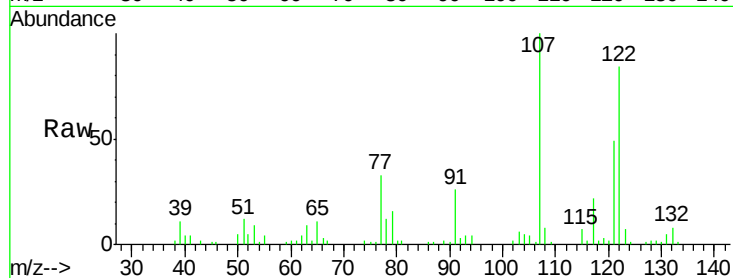
Tot Ion:122 Resp: 72520

Ion Ratio Lower Upper

122 100

107 119.0 95.2 142.8

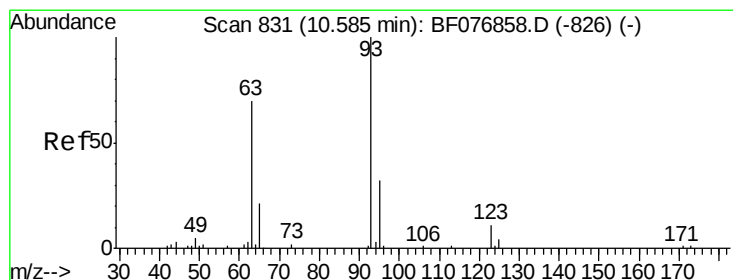
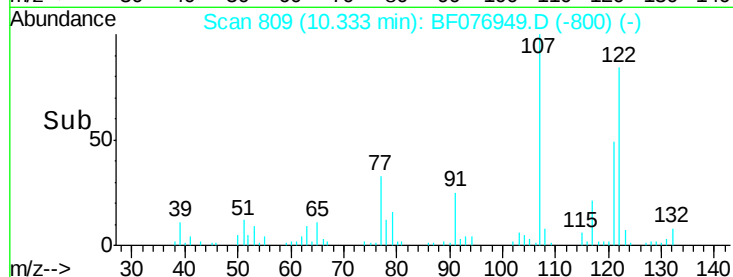
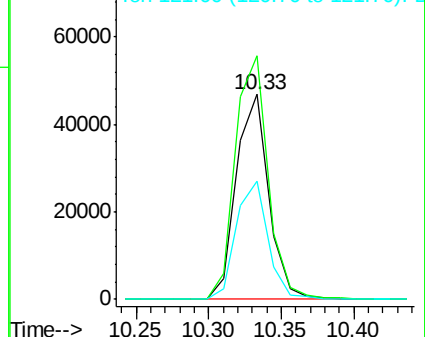
121 57.9 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.31 ng

RT: 10.54 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

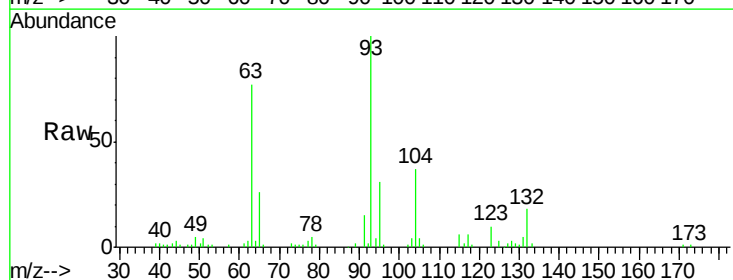
Tgt Ion: 93 Resp: 116771

Ion Ratio Lower Upper

93 100

95 31.2 25.6 38.4

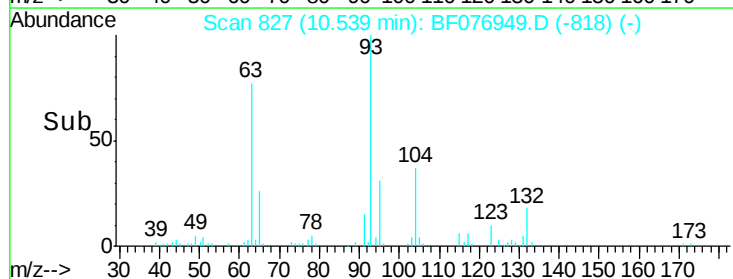
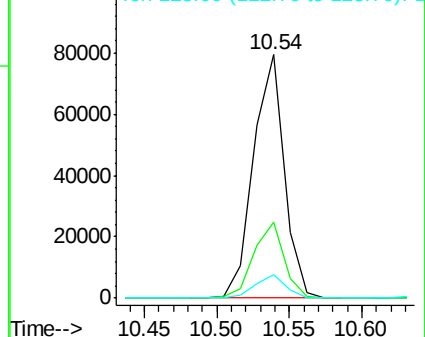
123 9.7 8.9 13.3

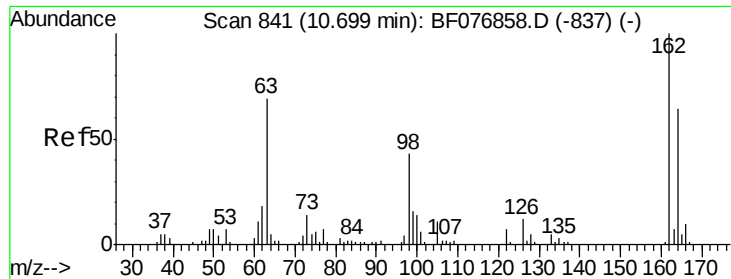


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

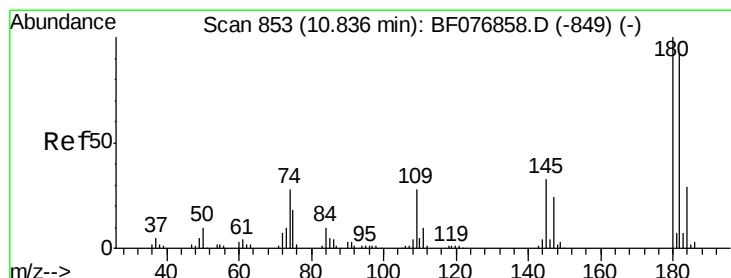
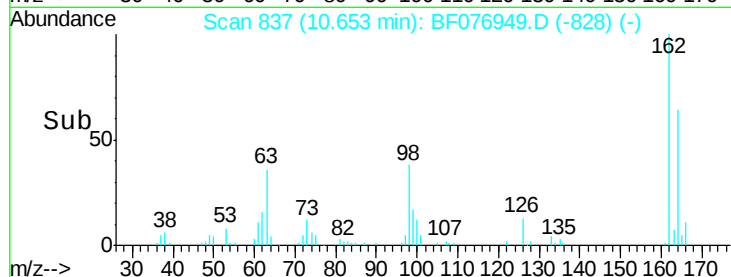
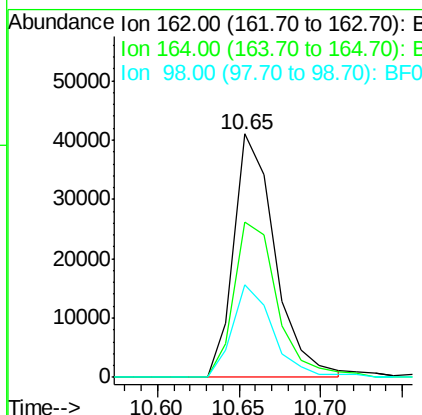
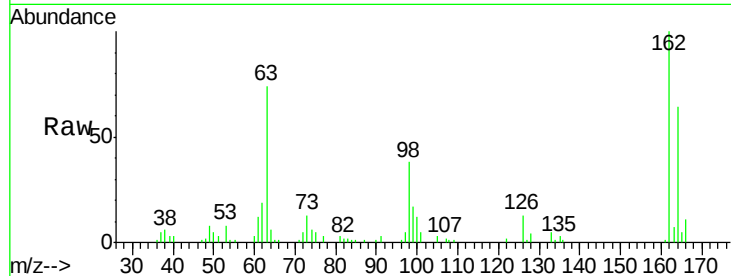




#29
2,4-Dichlorophenol
Concen: 36.89 ng
RT: 10.65 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

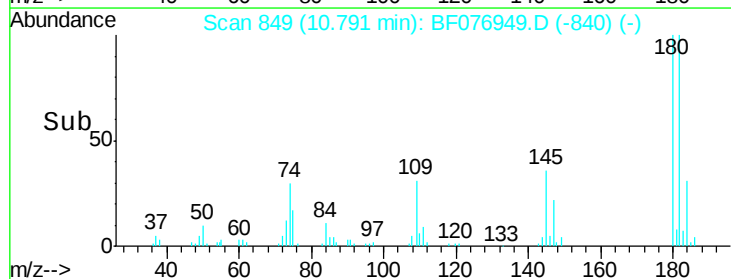
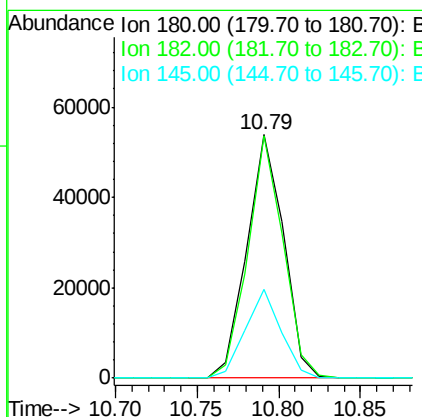
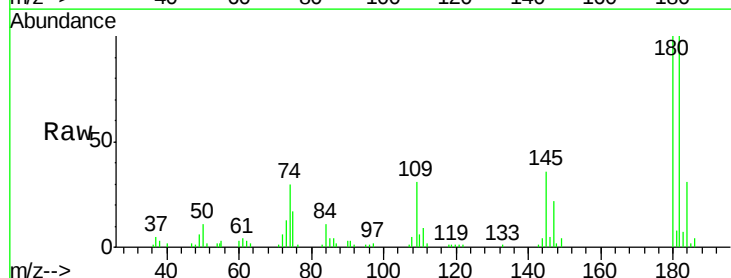
Instrument :
BNA_F
ClientSampleId :
S-1MSD

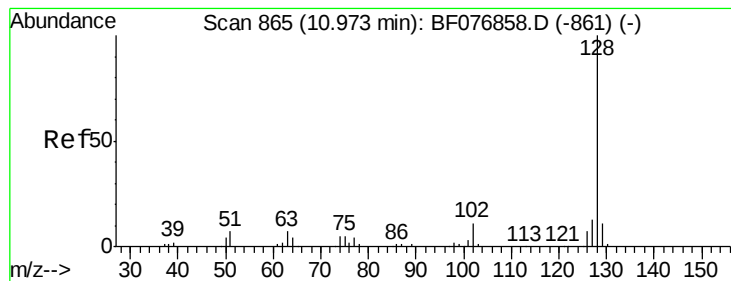
Tot Ion:162 Resp: 72227
Ion Ratio Lower Upper
162 100
164 63.8 43.8 83.8
98 38.2 22.5 62.5



#30
1,2,4-Trichlorobenzene
Concen: 38.83 ng
RT: 10.79 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Tgt Ion:180 Resp: 84421
Ion Ratio Lower Upper
180 100
182 99.6 73.6 110.4
145 36.2 26.6 39.8





#31

Naphthalene

Concen: 55.80 ng

RT: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

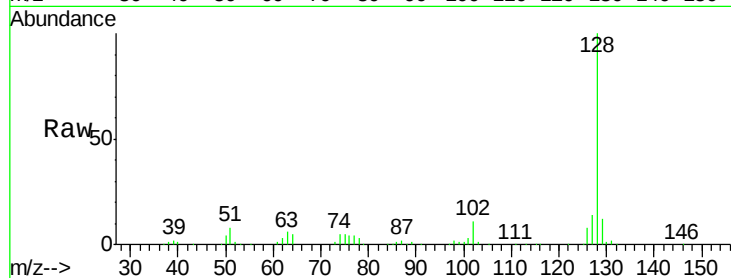
Tot Ion:128 Resp: 424396

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

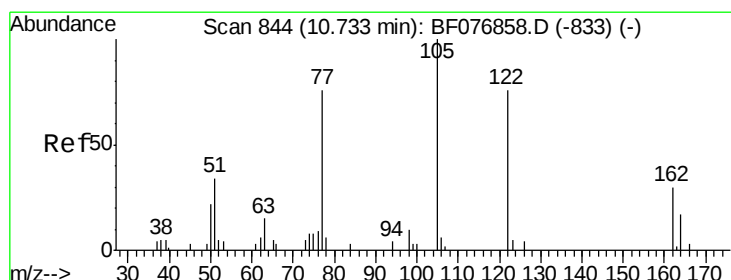
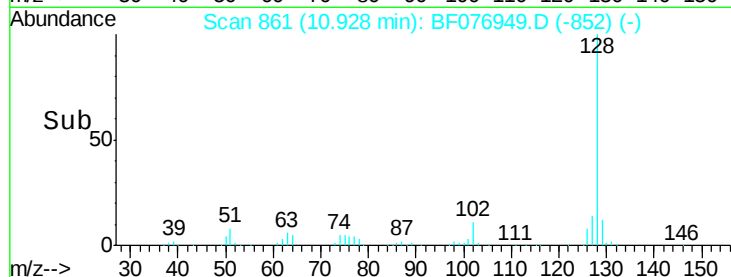
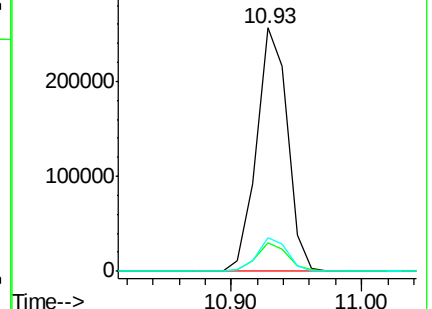
127 13.9 10.2 15.2



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: 9.47 ng

RT: 10.62 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

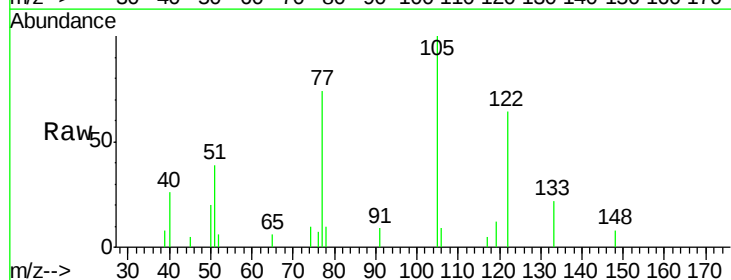
Tgt Ion:122 Resp: 11025

Ion Ratio Lower Upper

122 100

105 157.1 111.3 151.3#

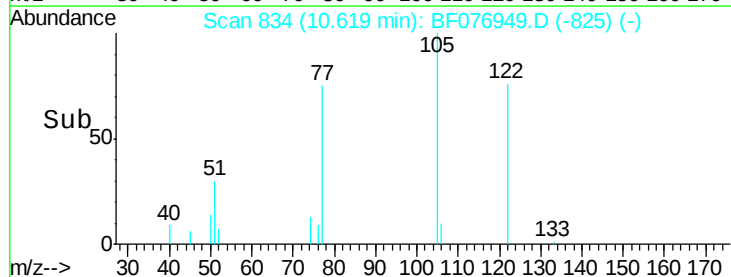
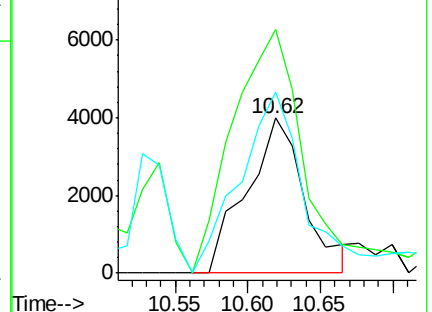
77 116.7 79.2 119.2

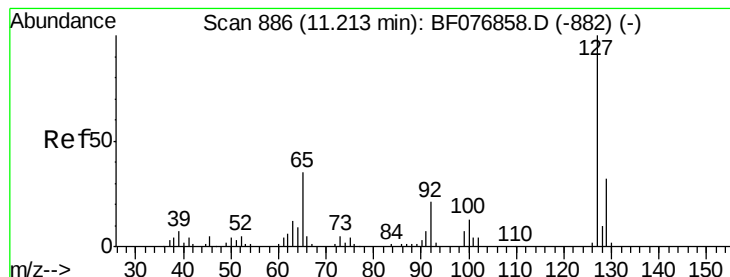


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 15.18 ng

RT: 11.18 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tot Ion:127 Resp: 46659

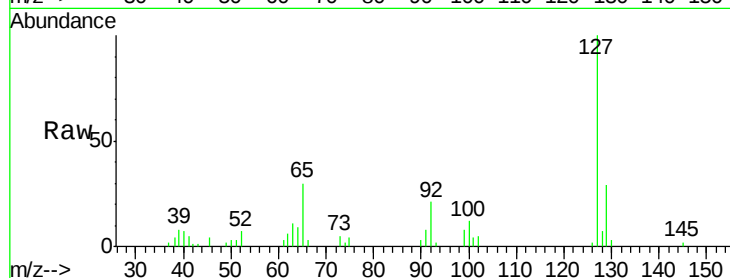
Ion Ratio Lower Upper

127 100

129 28.7 25.3 37.9

65 30.4 27.8 41.6

92 20.5 16.5 24.7

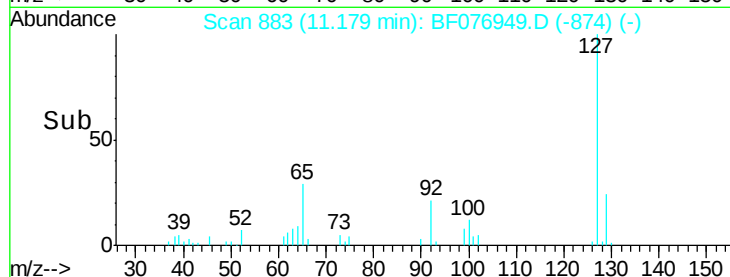


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

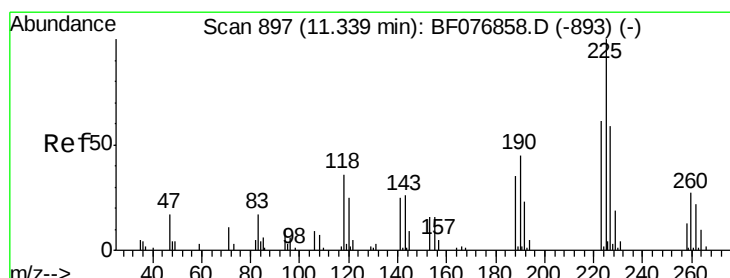
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->

11.18



#34

Hexachlorobutadiene

Concen: 38.65 ng

RT: 11.29 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

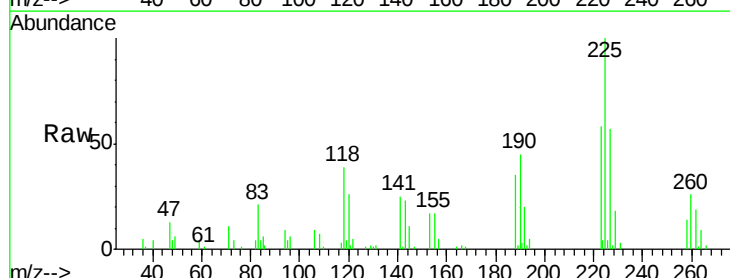
Tgt Ion:225 Resp: 49864

Ion Ratio Lower Upper

225 100

223 58.3 49.1 73.7

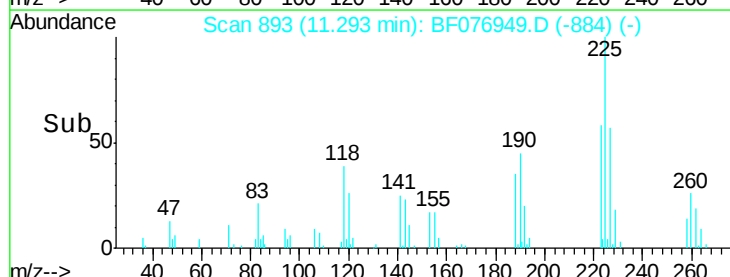
227 57.0 47.5 71.3



Abundance Ion 225.00 (224.70 to 225.70): E

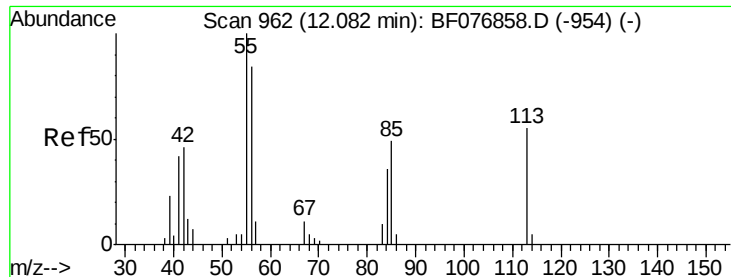
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

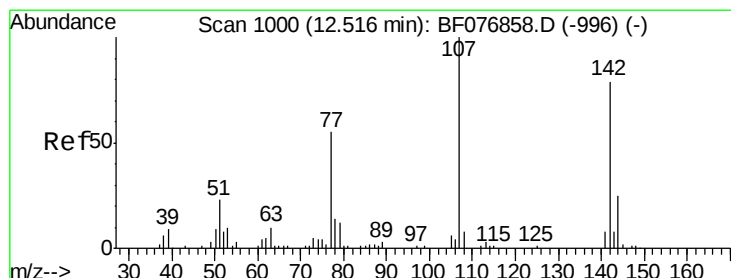
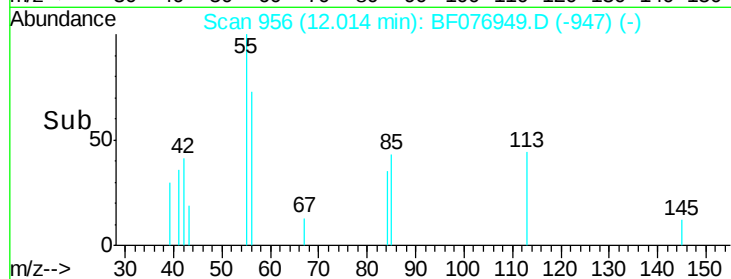
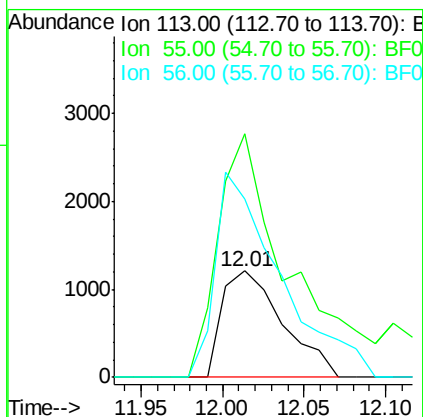
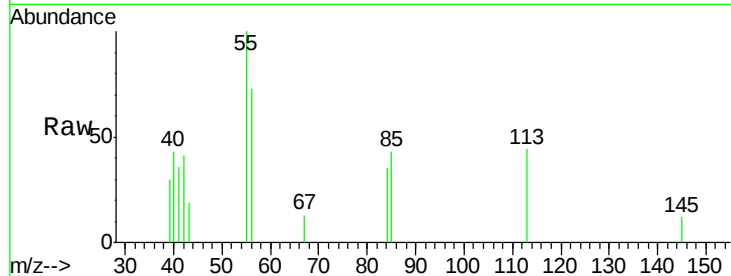
11.29



#35
 Caprolactam
 Concen: 5.40 ng
 RT: 12.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

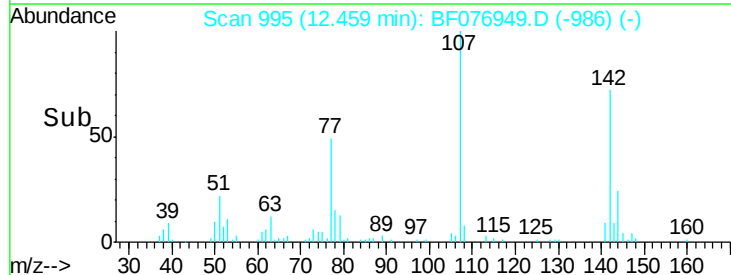
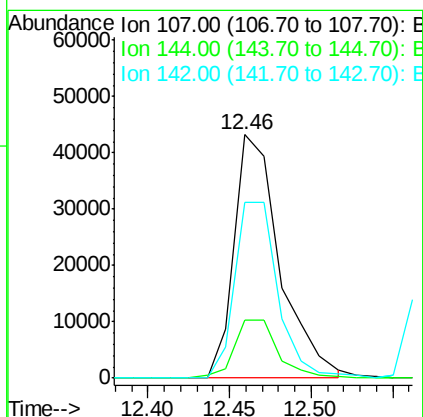
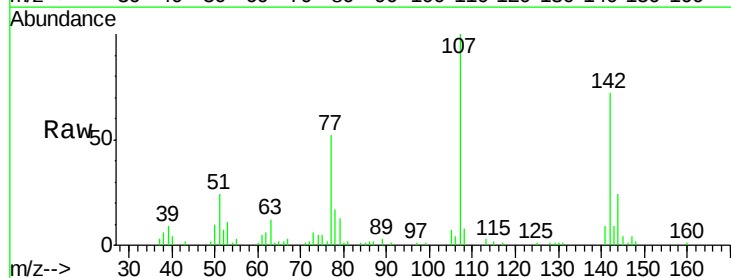
Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

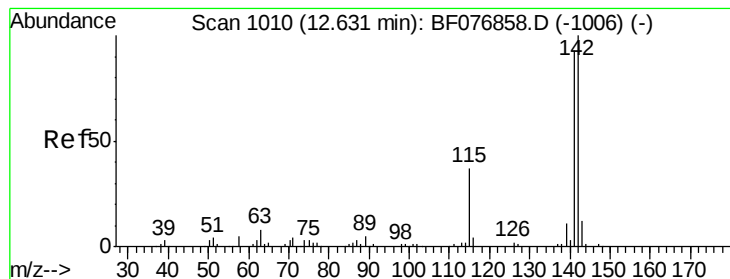
Tot Ion:113 Resp: 3113
 Ion Ratio Lower Upper
 113 100
 55 228.7 162.1 202.1#
 56 167.0 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.43 ng
 RT: 12.46 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Tgt Ion:107 Resp: 83891
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.0 30.0
 142 72.4 63.5 95.3





#37

2-Methylnaphthalene

Concen: 74.14 ng

RT: 12.59 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

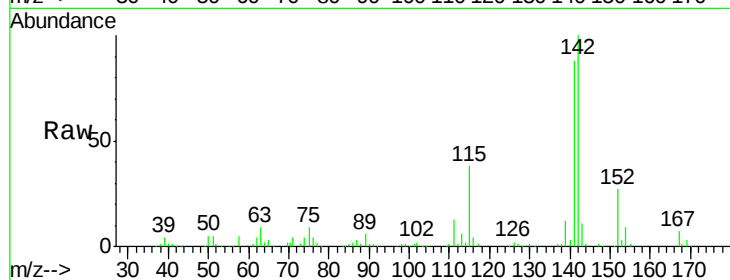
Tot Ion:142 Resp: 385079

Ion Ratio Lower Upper

142 100

141 87.9 74.5 111.7

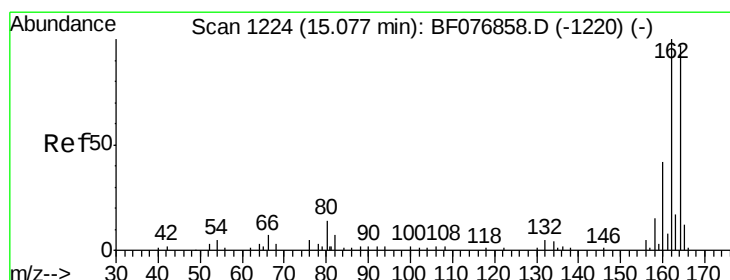
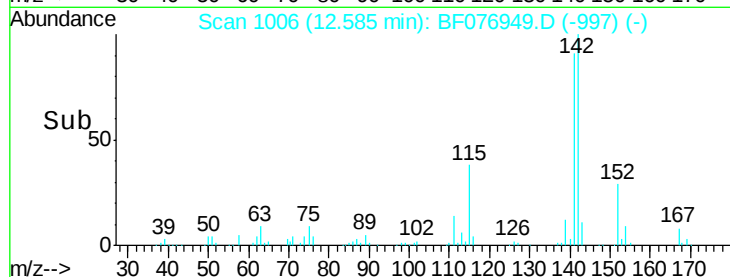
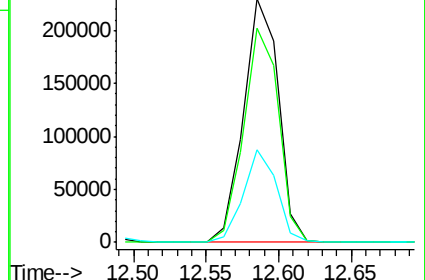
115 37.9 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

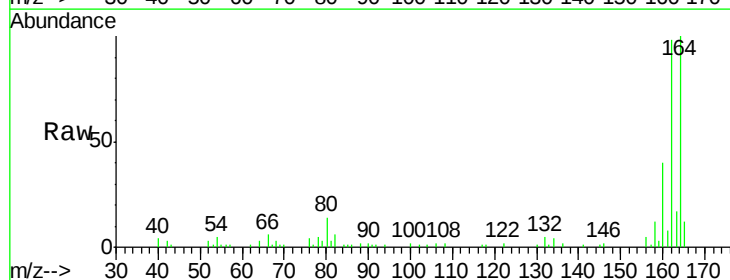
Tgt Ion:164 Resp: 81213

Ion Ratio Lower Upper

164 100

162 98.2 82.4 123.6

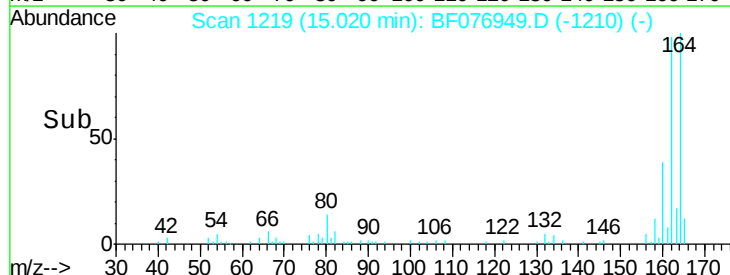
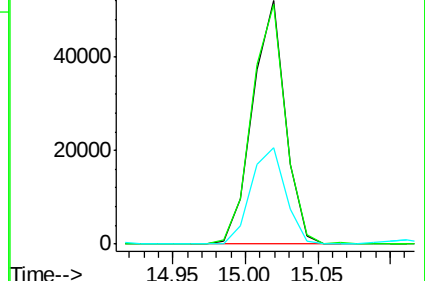
160 39.6 34.8 52.2

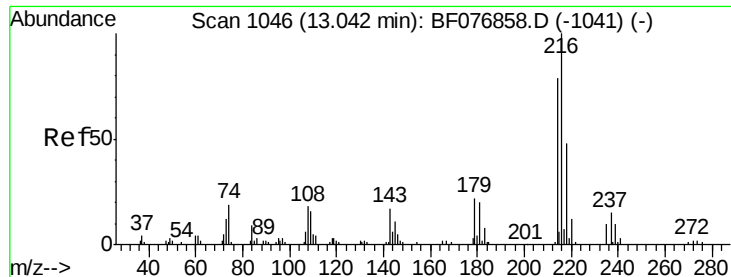


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.93 ng

RT: 12.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tot Ion:216 Resp: 82179

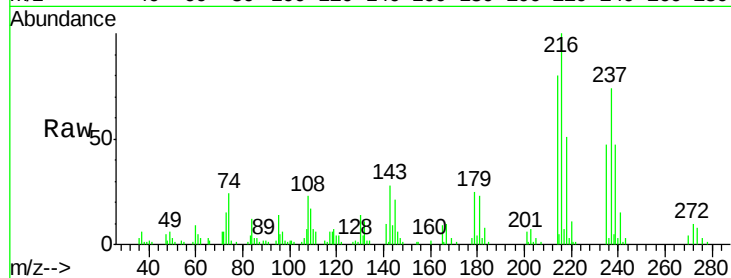
Ion Ratio Lower Upper

216 100

214 78.5 64.9 97.3

179 23.7 18.6 28.0

108 24.2 18.1 27.1

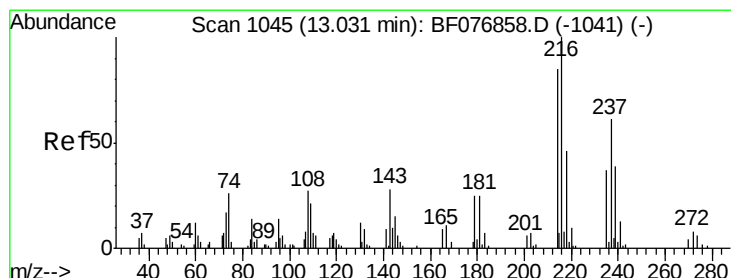
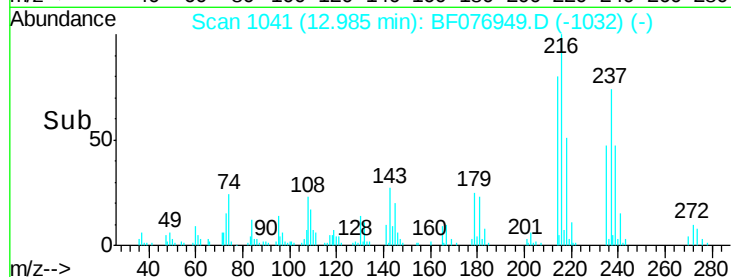
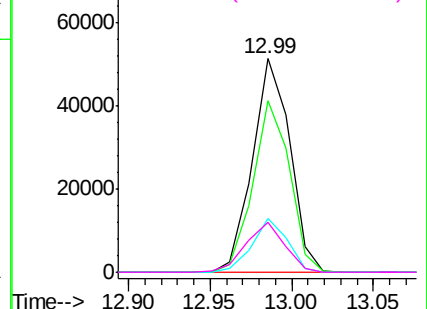


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.59 ng

RT: 12.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

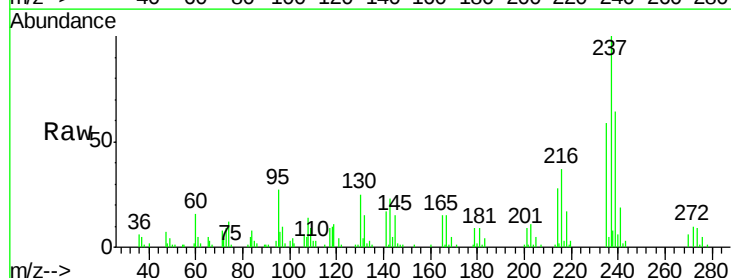
Tgt Ion:237 Resp: 86005

Ion Ratio Lower Upper

237 100

235 59.2 40.4 80.4

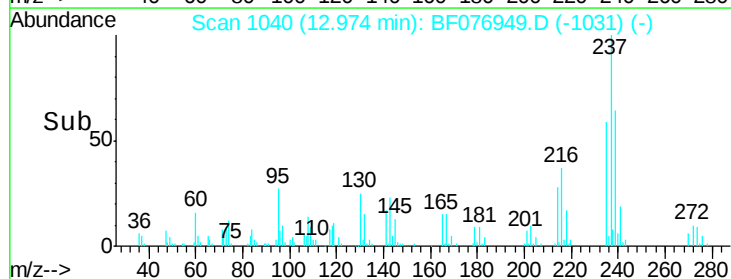
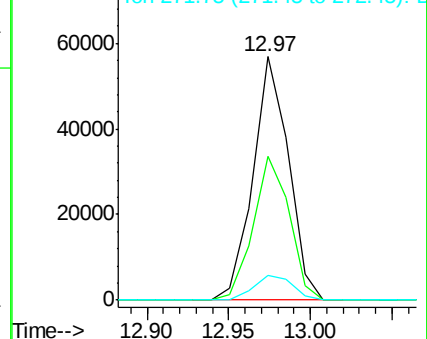
272 10.3 0.0 33.2



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

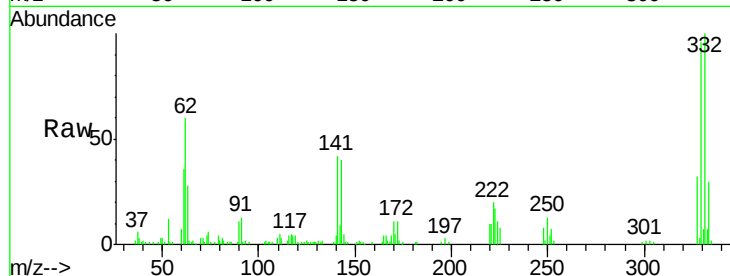




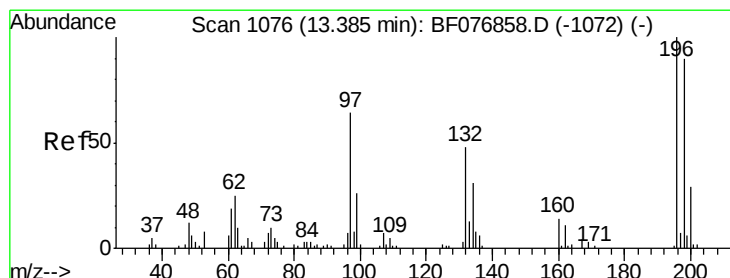
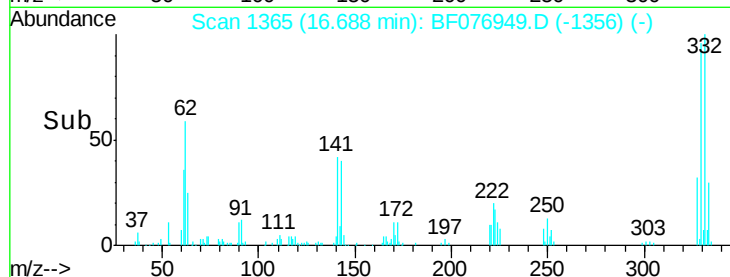
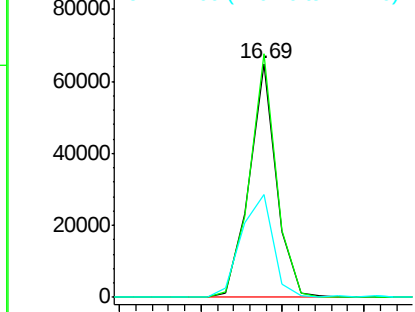
#41
 2,4,6-Tribromophenol
 Concen: 113.71 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion:330 Resp: 74958
 Ion Ratio Lower Upper
 330 100
 332 102.1 77.8 116.6
 141 51.2 38.5 57.7

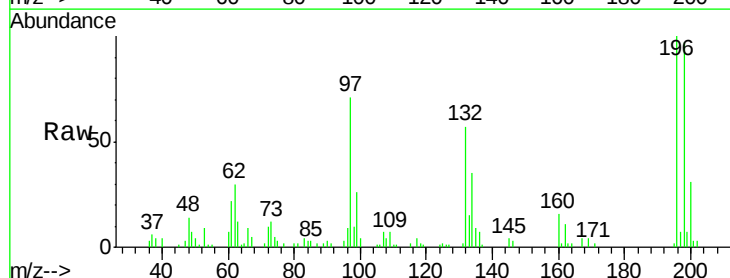


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

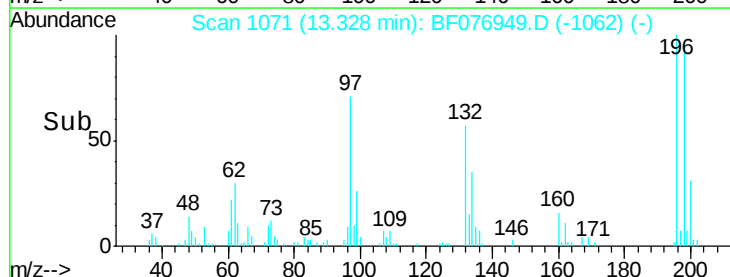
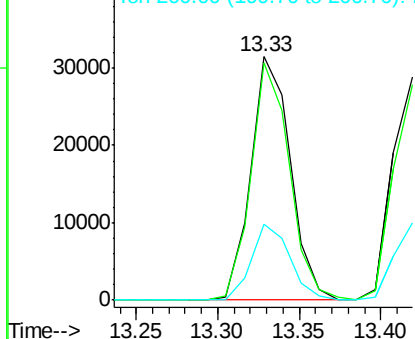


#42
 2,4,6-Trichlorophenol
 Concen: 36.16 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Tgt Ion:196 Resp: 52895
 Ion Ratio Lower Upper
 196 100
 198 97.5 72.0 108.0
 200 31.4 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

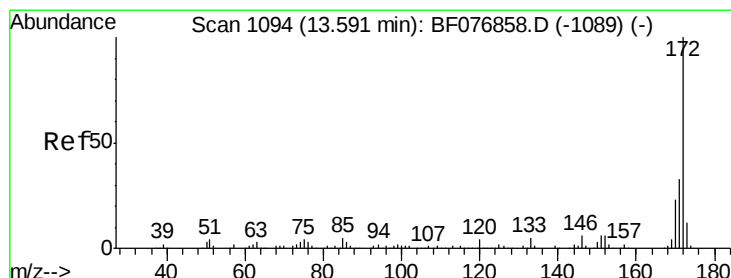
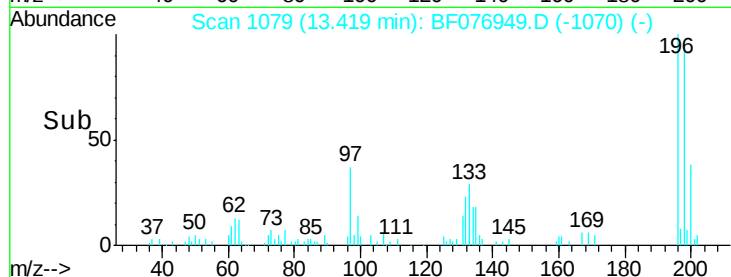
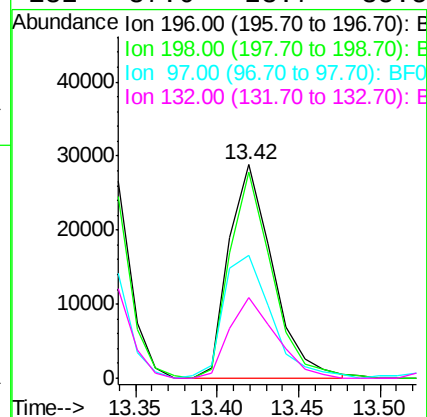
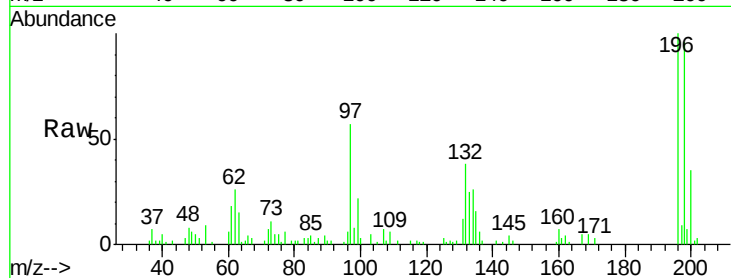




#43
 2,4,5-Trichlorophenol
 Concen: 36.10 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

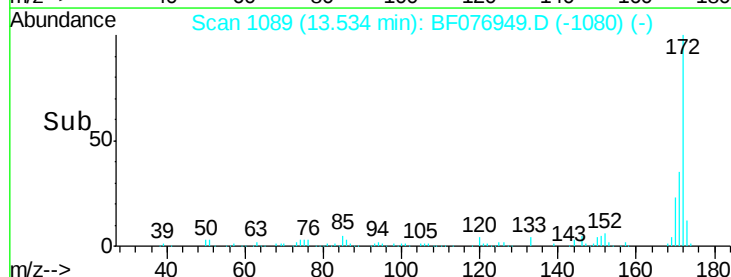
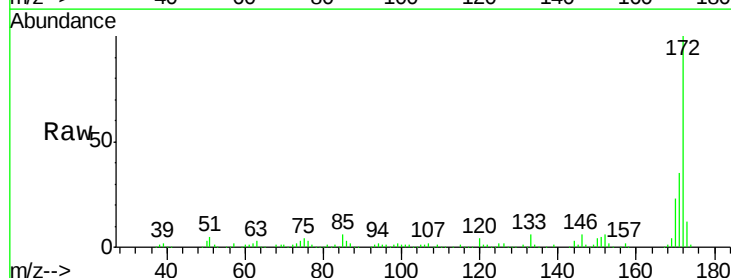
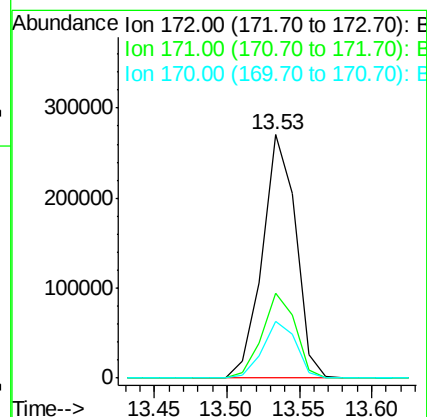
Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

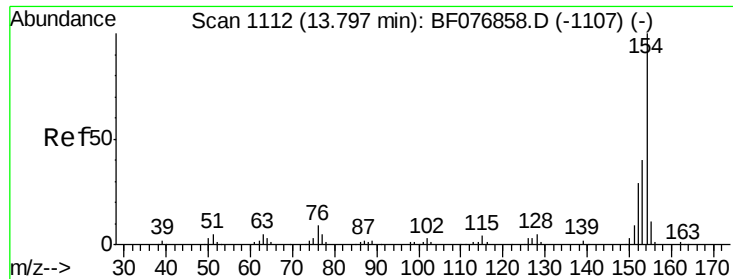
Tot Ion:196 Resp: 53863
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.6 115.0
 97 57.4 43.4 65.0
 132 37.6 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 80.86 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Tgt Ion:172 Resp: 431514
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 40.0
 170 23.2 18.0 27.0





#45

1,1'-Biphenyl

Concen: 45.19 ng

RT: 13.74 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

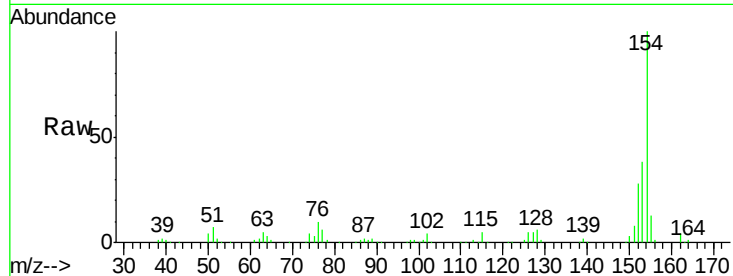
Tot Ion:154 Resp: 272079

Ion Ratio Lower Upper

154 100

153 38.1 20.2 60.2

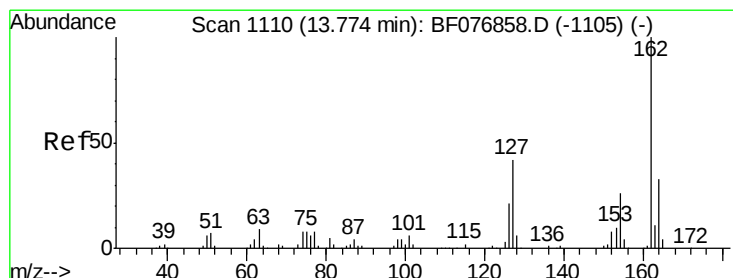
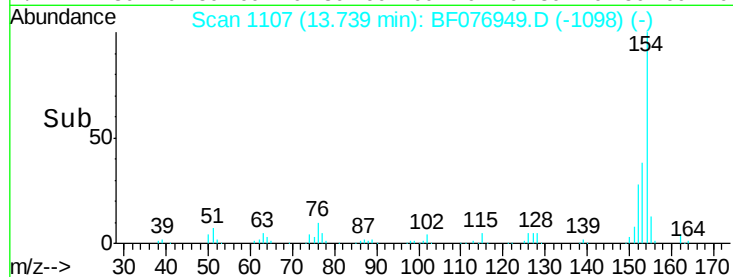
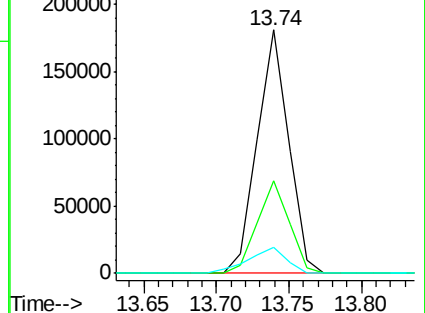
76 10.5 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 39.08 ng

RT: 13.72 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

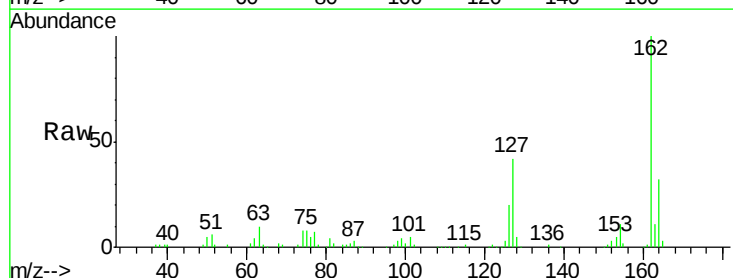
Tgt Ion:162 Resp: 193615

Ion Ratio Lower Upper

162 100

127 42.1 33.8 50.6

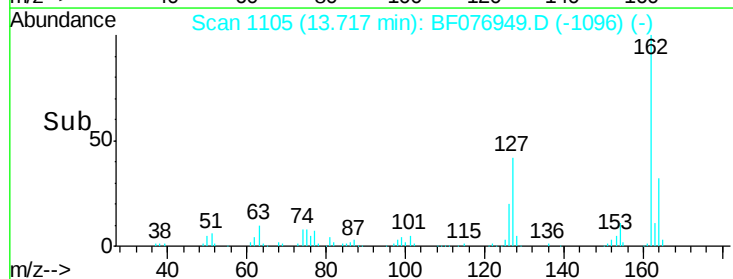
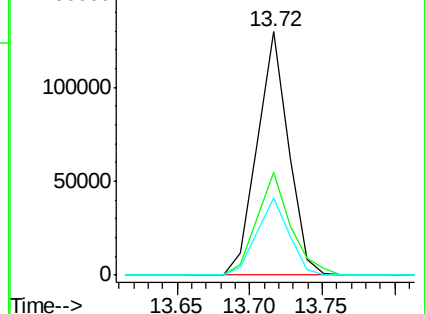
164 31.9 26.8 40.2

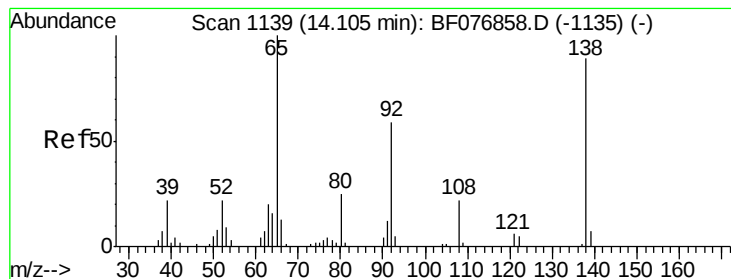


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.14 ng

RT: 14.06 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

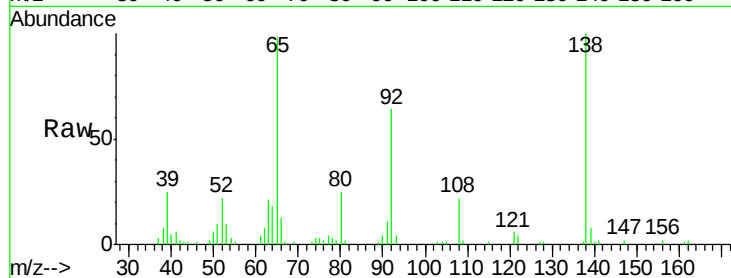
Tot Ion: 65 Resp: 63330

Ion Ratio Lower Upper

65 100

92 65.2 47.3 70.9

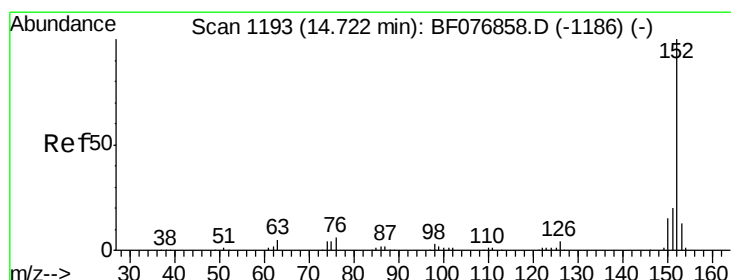
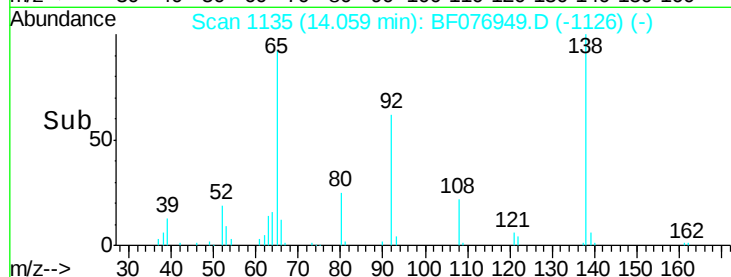
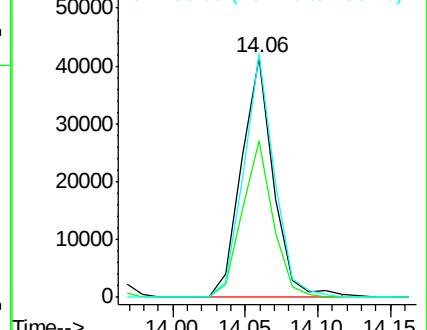
138 101.6 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BF076858.D (-1135) (-)

Ion 92.00 (91.70 to 92.70): BF076858.D (-1135) (-)

Ion 138.00 (137.70 to 138.70): BF076858.D (-1135) (-)



#48

Acenaphthylene

Concen: 36.98 ng

RT: 14.67 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

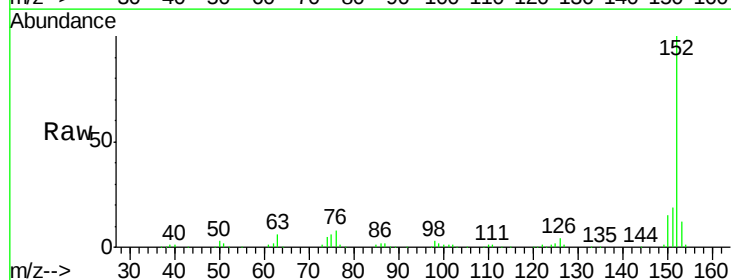
Tgt Ion: 152 Resp: 309000

Ion Ratio Lower Upper

152 100

151 18.7 15.9 23.9

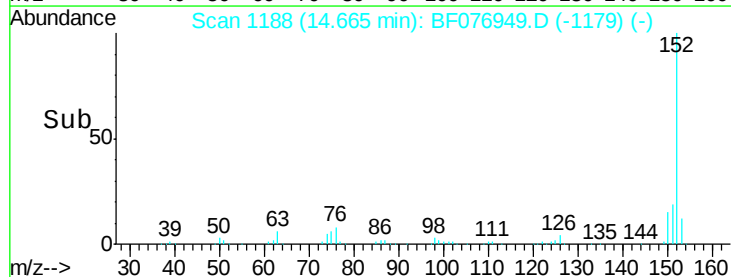
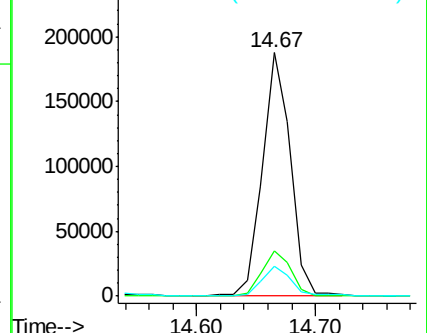
153 12.0 10.2 15.4

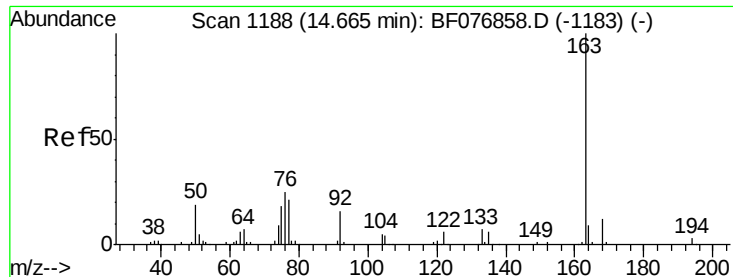


Abundance Ion 152.00 (151.70 to 152.70): BF076858.D (-1186) (-)

Ion 151.00 (150.70 to 151.70): BF076858.D (-1186) (-)

Ion 153.00 (152.70 to 153.70): BF076858.D (-1186) (-)





#49

Dimethylphthalate

Concen: 39.91 ng

RT: 14.61 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

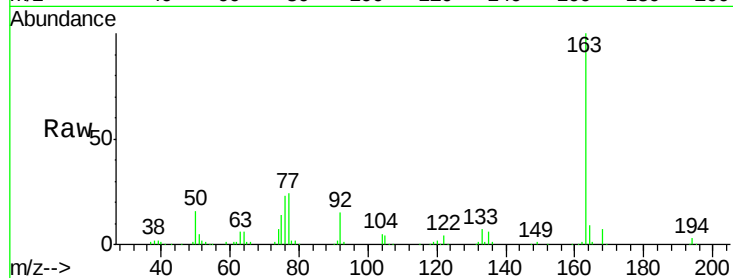
Tot Ion:163 Resp: 229878

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

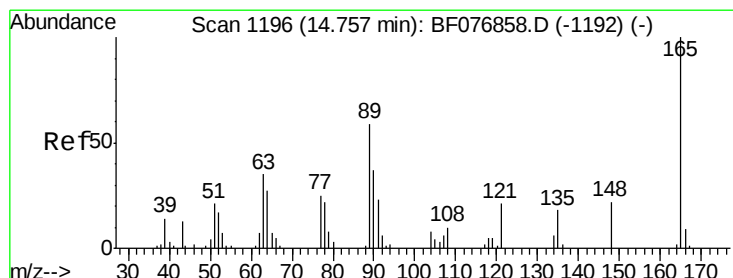
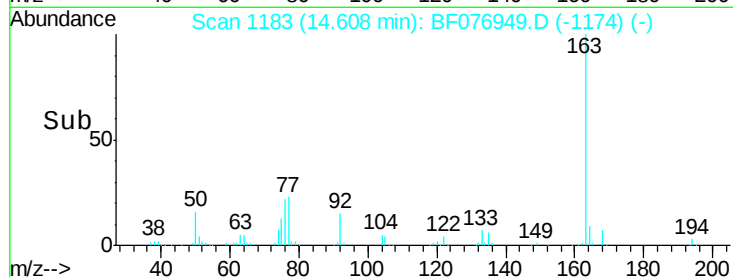
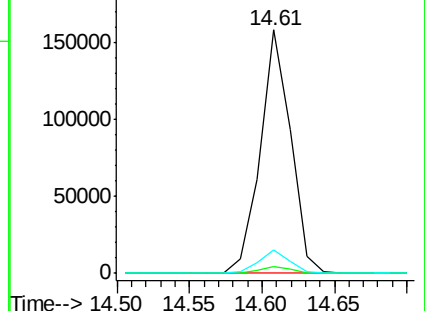
164 9.4 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.15 ng

RT: 14.71 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

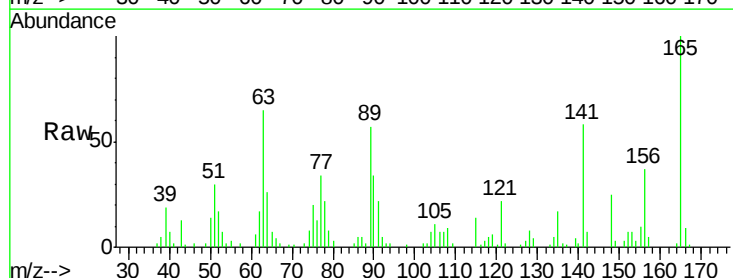
Tgt Ion:165 Resp: 47356

Ion Ratio Lower Upper

165 100

63 64.6 48.1 72.1

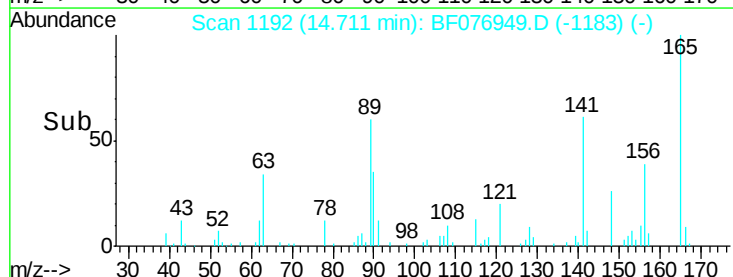
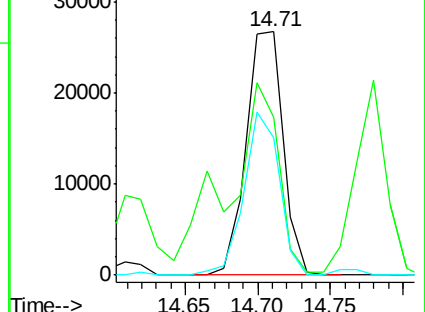
89 56.6 47.2 70.8

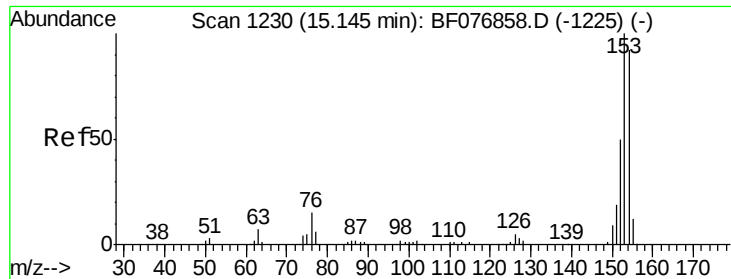


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.40 ng

RT: 15.09 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

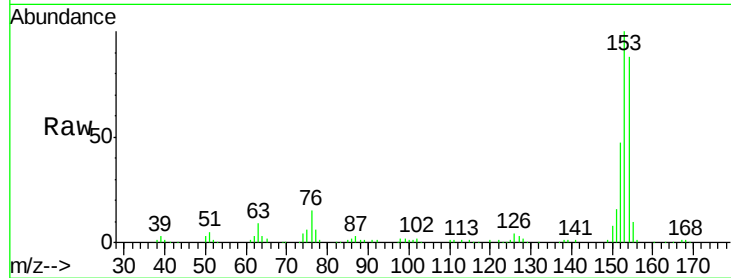
Tot Ion:154 Resp: 182069

Ion Ratio Lower Upper

154 100

153 113.9 87.0 130.6

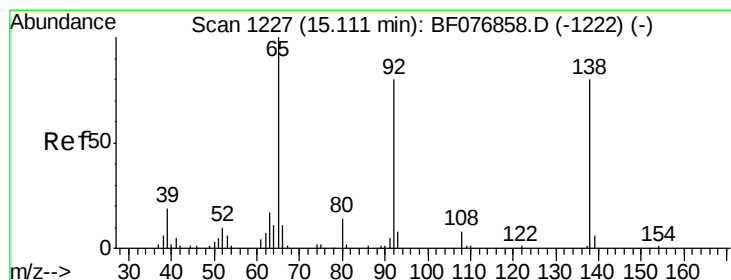
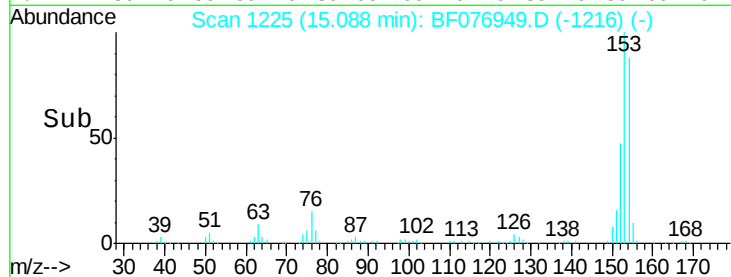
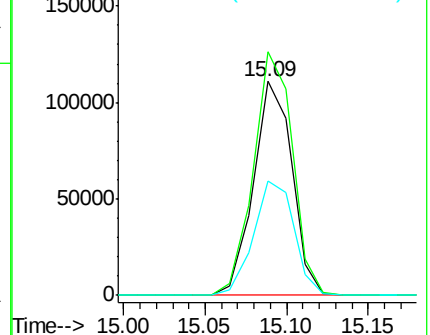
152 53.3 43.5 65.3



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: 17.65 ng

RT: 15.05 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

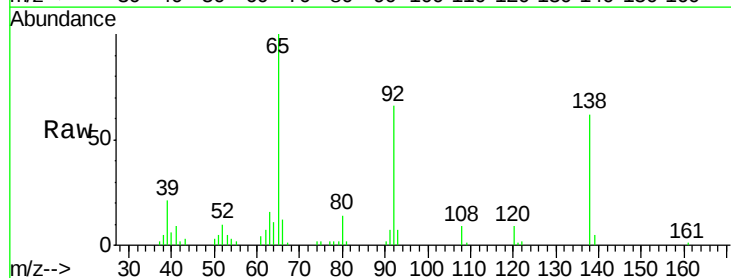
Tgt Ion:138 Resp: 24731

Ion Ratio Lower Upper

138 100

108 14.1 8.3 12.5#

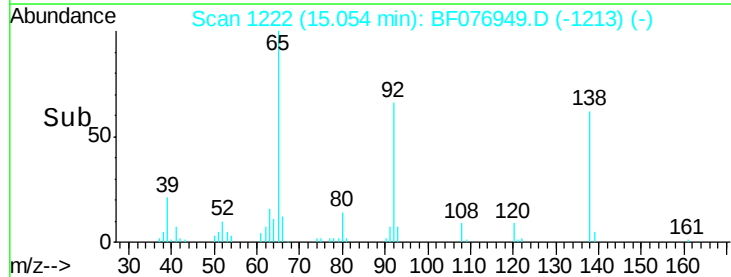
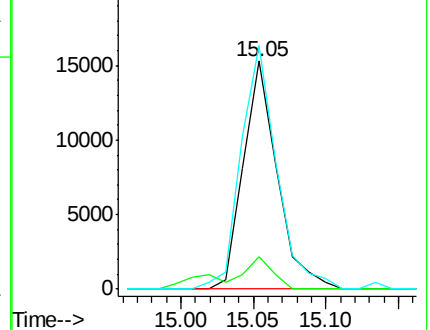
92 106.8 80.9 121.3

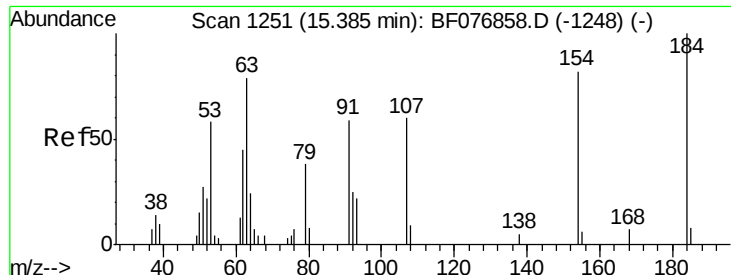


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

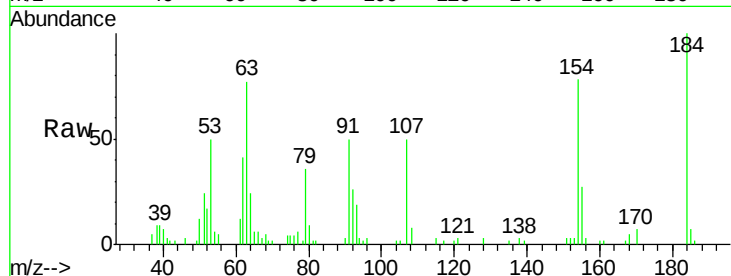




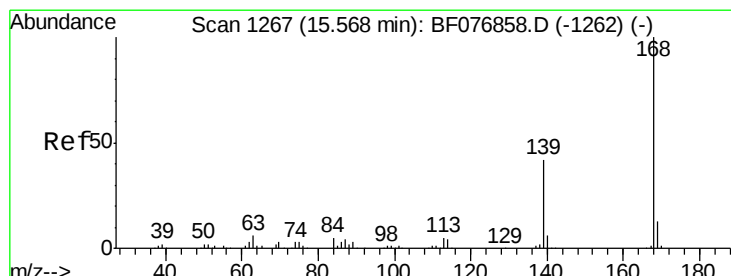
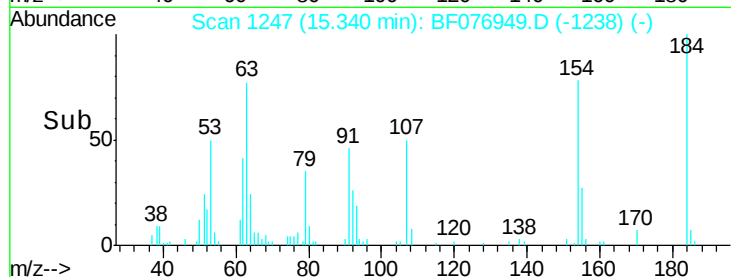
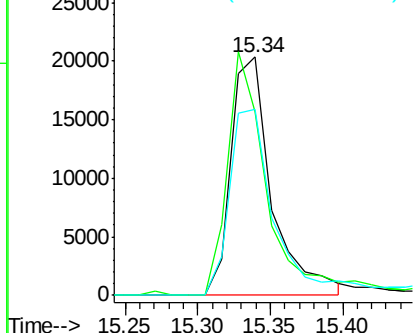
#53
 2,4-Dinitrophenol
 Concen: 74.60 ng
 RT: 15.34 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Instrument :
 BNA_F
 ClientSampled :
 S-1MSD

Tot Ion:184 Resp: 39785
 Ion Ratio Lower Upper
 184 100
 63 76.8 63.0 94.6
 154 77.9 65.5 98.3

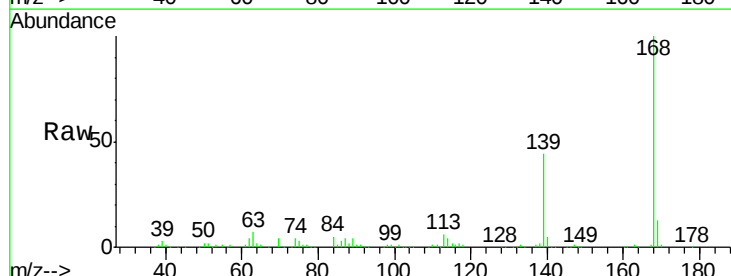


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

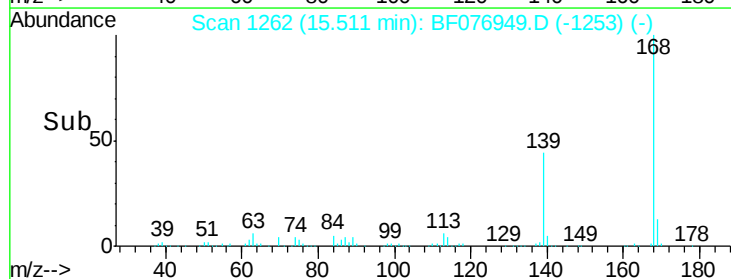
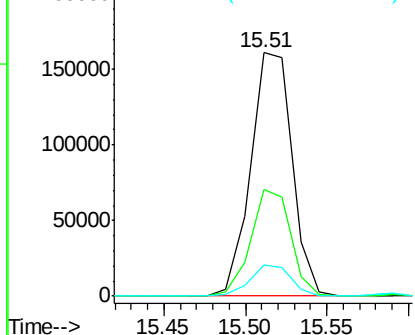


#54
 Dibenzofuran
 Concen: 41.15 ng
 RT: 15.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Tgt Ion:168 Resp: 284193
 Ion Ratio Lower Upper
 168 100
 139 43.9 33.4 50.2
 169 12.6 10.6 15.8



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

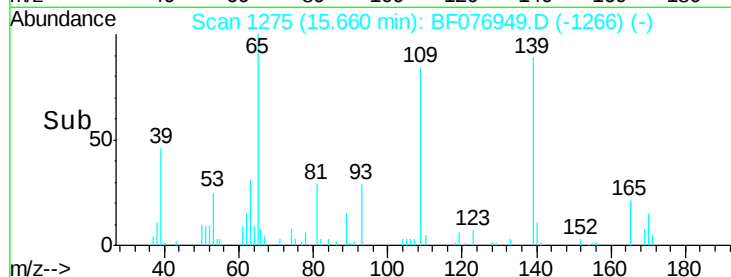
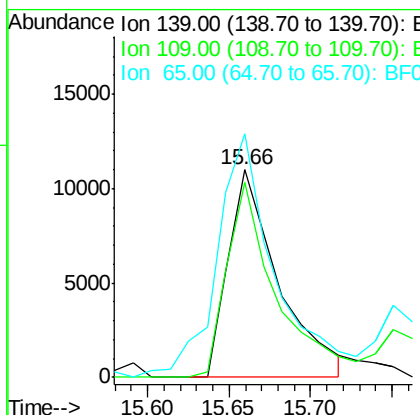
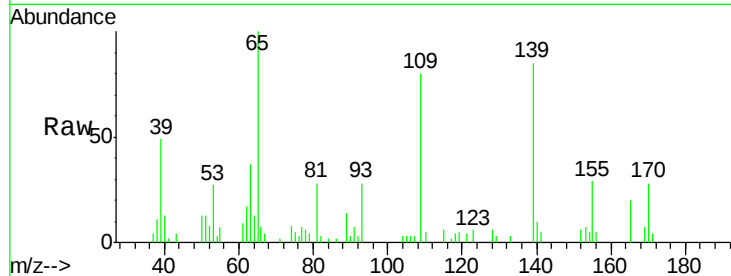




#55
4-Nitrophenol
Concen: 25.95 ng
RT: 15.66 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

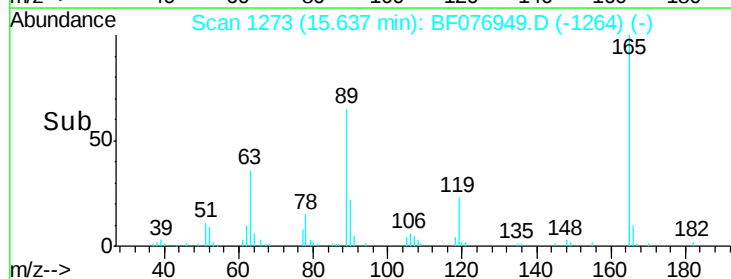
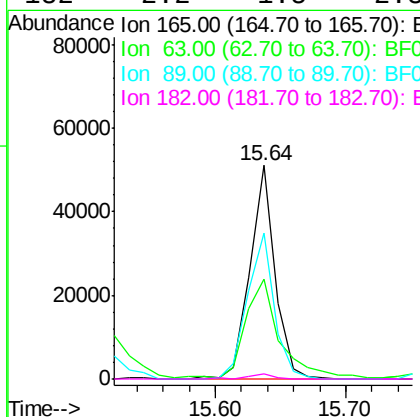
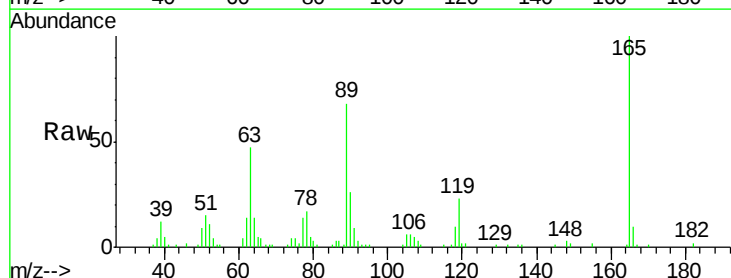
Instrument :
BNA_F
ClientSampleId :
S-1MSD

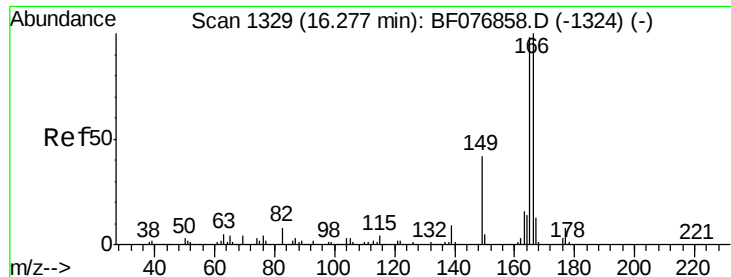
Tot Ion:139 Resp: 23425
Ion Ratio Lower Upper
139 100
109 93.9 61.0 101.0
65 117.4 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 40.45 ng
RT: 15.64 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Tgt Ion:165 Resp: 69186
Ion Ratio Lower Upper
165 100
63 46.7 44.8 67.2
89 68.5 56.2 84.2
182 2.2 1.5 2.3

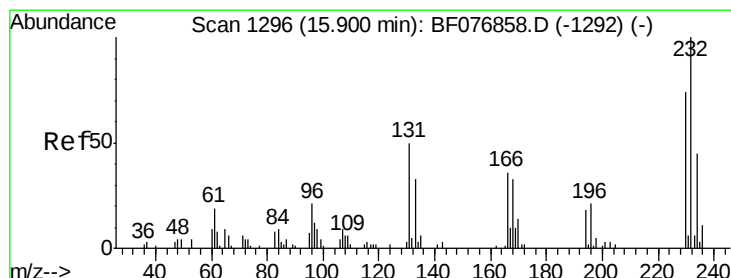
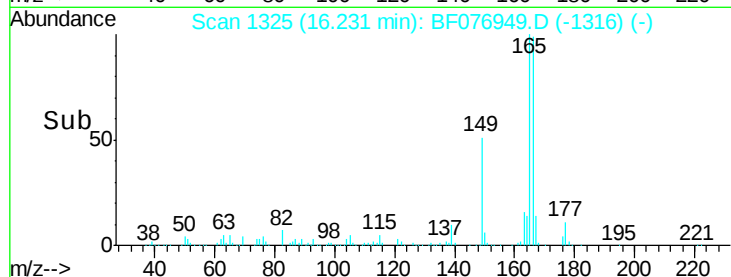
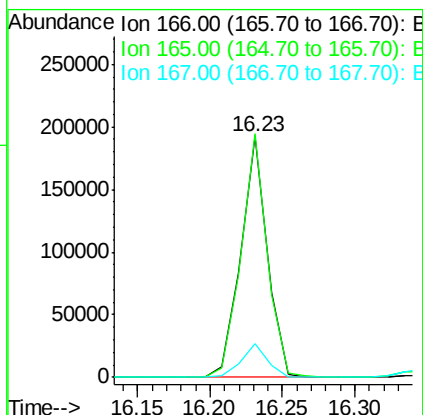
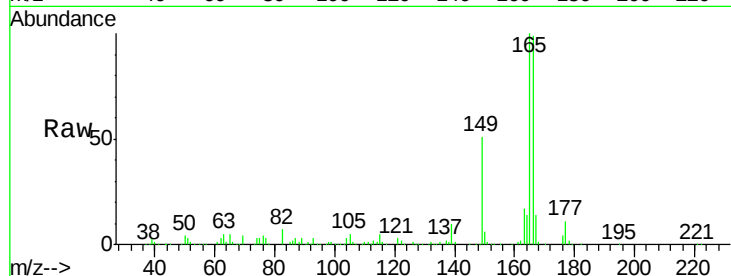




#57
 Fluorene
 Concen: 41.64 ng
 RT: 16.23 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

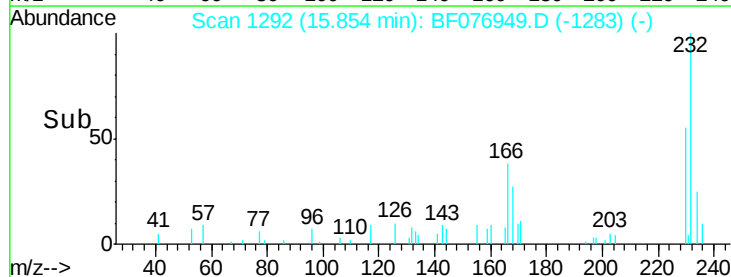
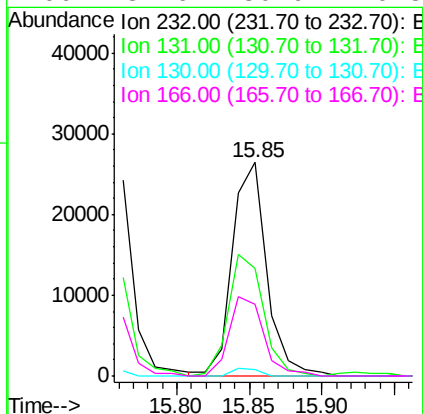
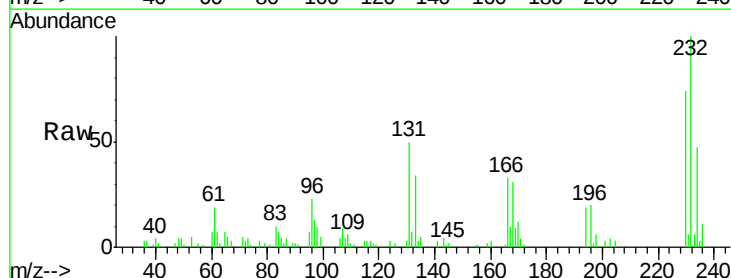
Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

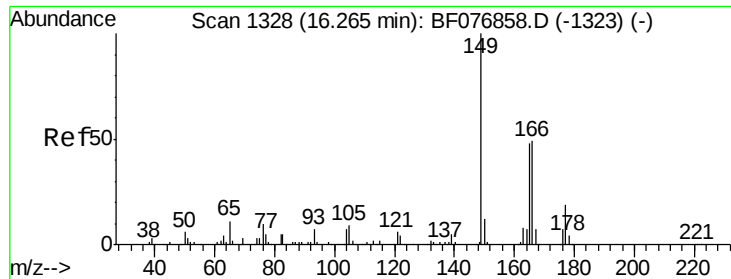
Tot Ion:166 Resp: 243700
 Ion Ratio Lower Upper
 166 100
 165 101.1 78.5 117.7
 167 14.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.03 ng
 RT: 15.85 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Tgt Ion:232 Resp: 43486
 Ion Ratio Lower Upper
 232 100
 131 58.7 45.0 67.6
 130 2.6 2.6 3.8
 166 37.6 30.9 46.3

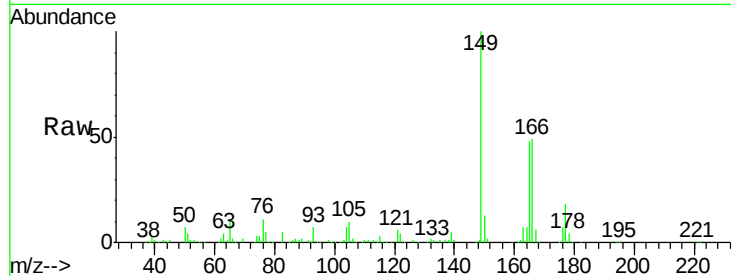




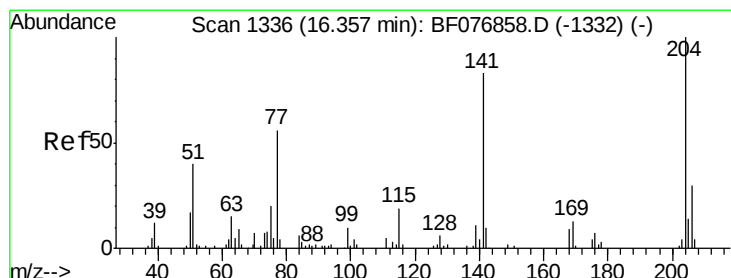
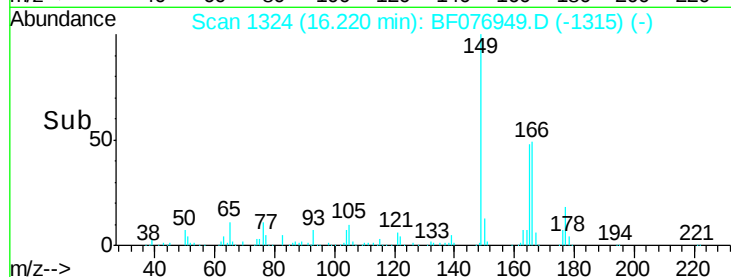
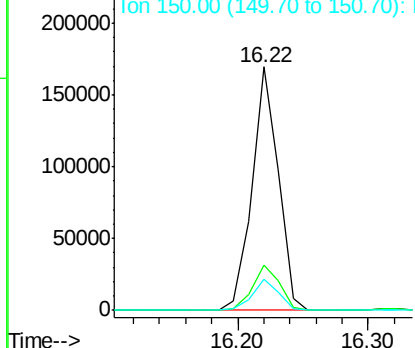
#59
Diethylphthalate
Concen: 40.83 ng
RT: 16.22 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion:149 Resp: 237682
Ion Ratio Lower Upper
149 100
177 18.5 15.0 22.6
150 12.5 9.4 14.0

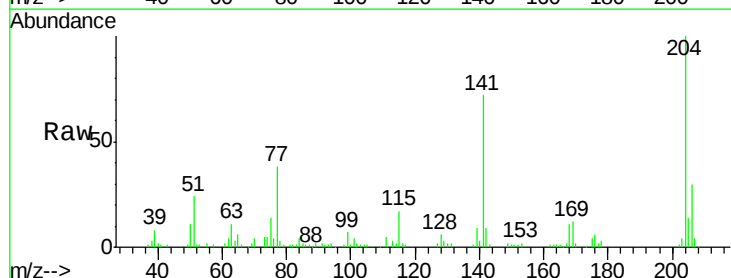


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

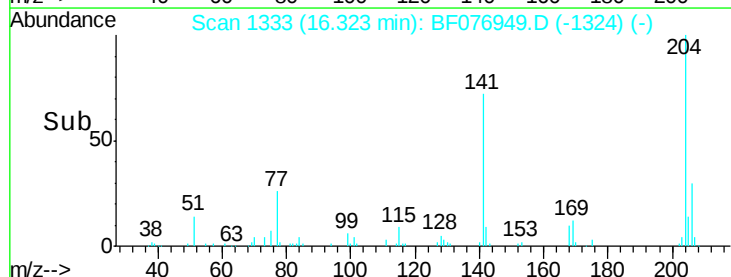
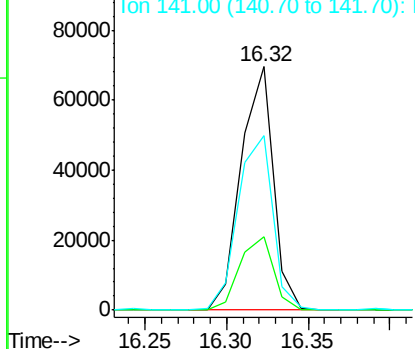


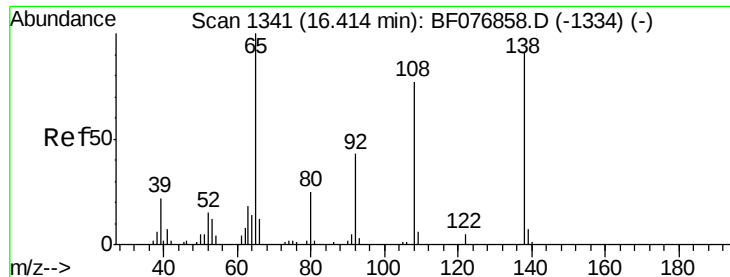
#60
4-Chlorophenyl-phenylether
Concen: 39.88 ng
RT: 16.32 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Tgt Ion:204 Resp: 95469
Ion Ratio Lower Upper
204 100
206 30.3 24.2 36.2
141 71.8 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

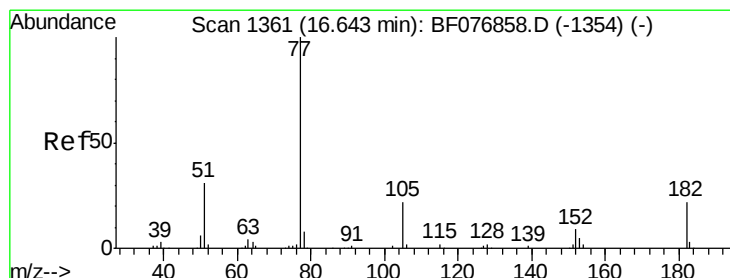
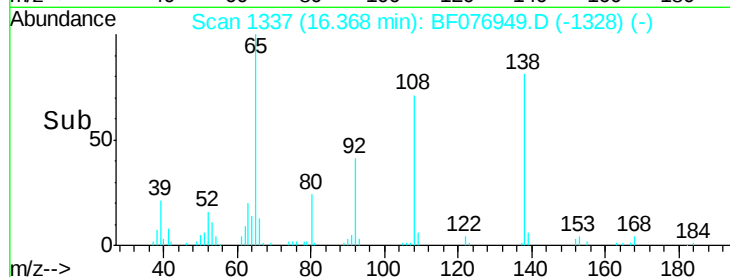
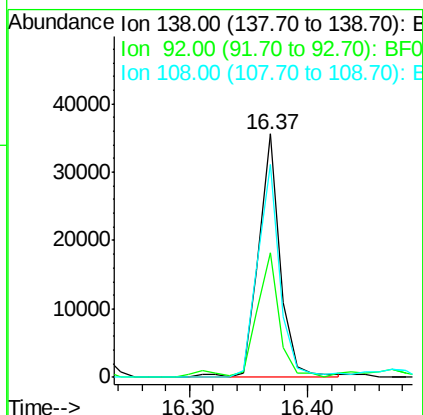
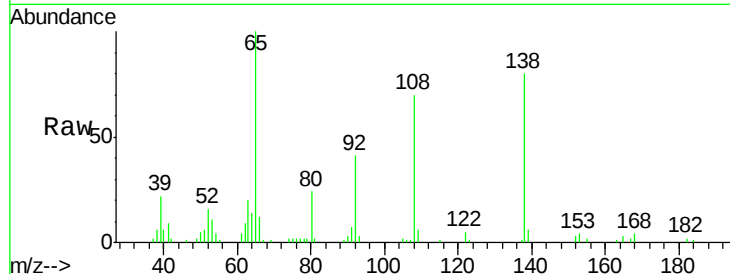




#61
4-Nitroaniline
Concen: 31.96 ng
RT: 16.37 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

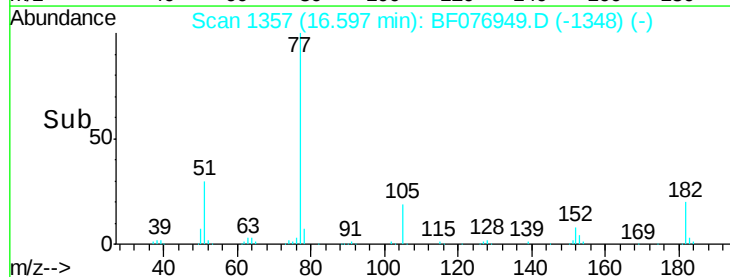
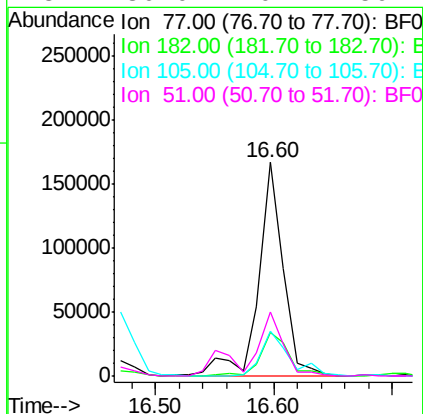
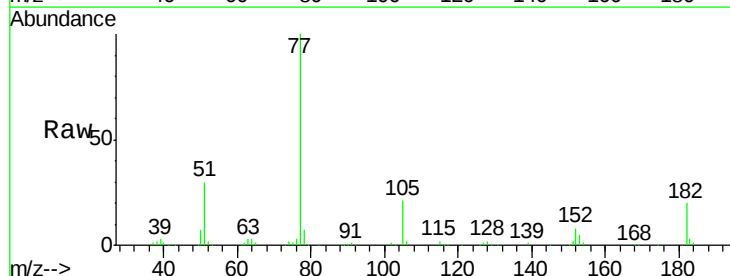
Instrument :
BNA_F
ClientSampleId :
S-1MSD

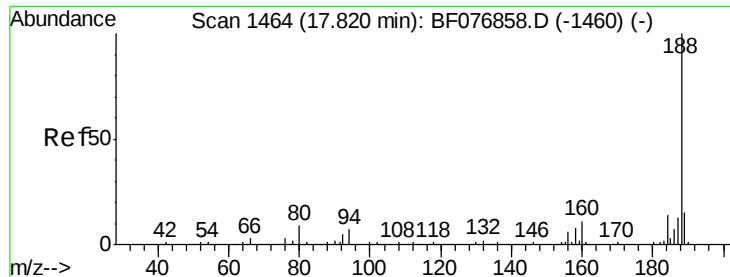
Tot Ion:138 Resp: 45641
Ion Ratio Lower Upper
138 100
92 51.0 26.7 66.7
108 87.6 64.5 104.5



#62
Azobenzene
Concen: 39.78 ng
RT: 16.60 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Tgt Ion: 77 Resp: 241236
Ion Ratio Lower Upper
77 100
182 20.4 2.0 42.0
105 21.1 2.3 42.3
51 30.0 10.7 50.7

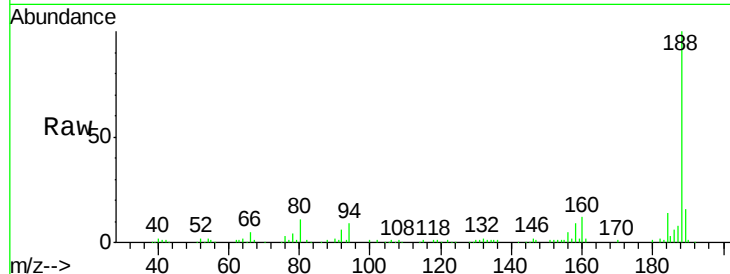




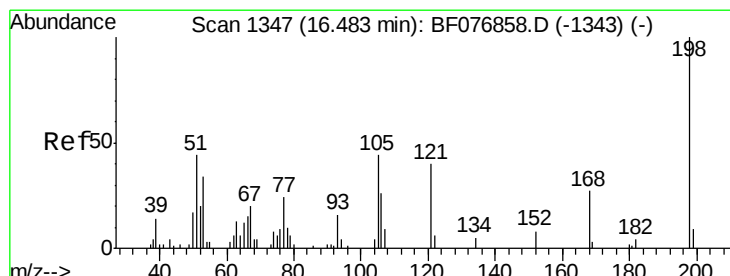
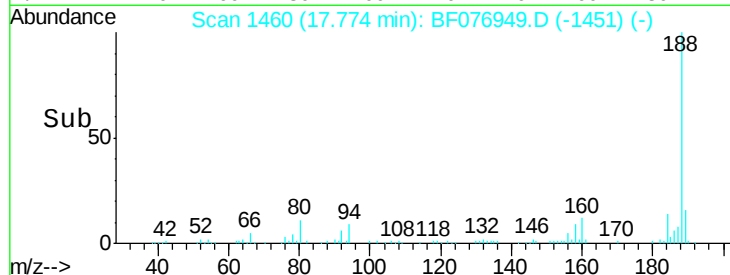
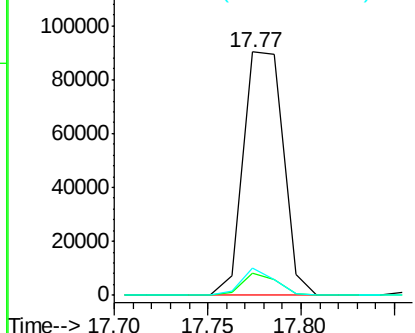
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion:188 Resp: 133319
Ion Ratio Lower Upper
188 100
94 9.2 6.0 9.0#
80 11.2 6.9 10.3#

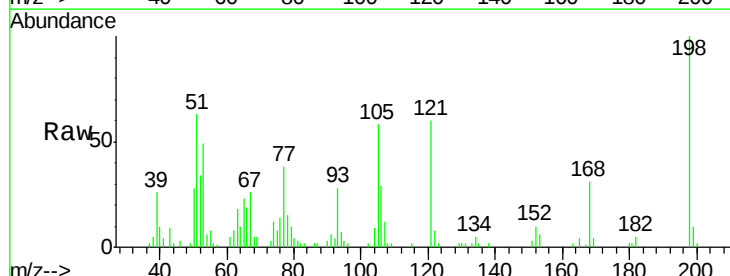


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

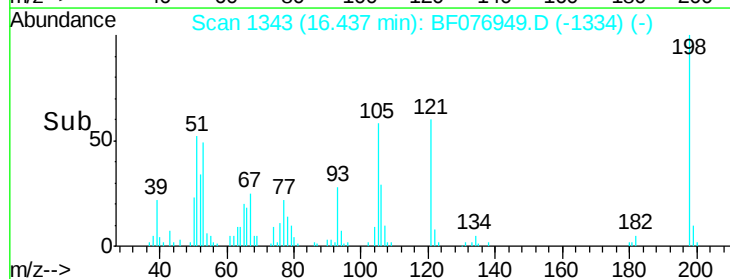
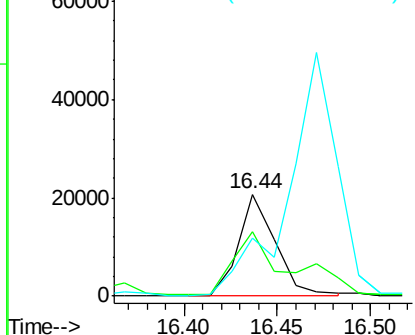


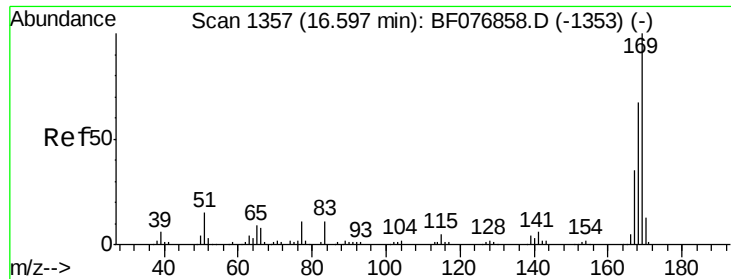
#64
4,6-Dinitro-2-methylphenol
Concen: 34.71 ng
RT: 16.44 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Tgt Ion:198 Resp: 28899
Ion Ratio Lower Upper
198 100
51 62.8 24.2 64.2
105 57.5 24.0 64.0



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





#65

n-Nitrosodiphenylamine

Concen: 38.51 ng

RT: 16.56 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

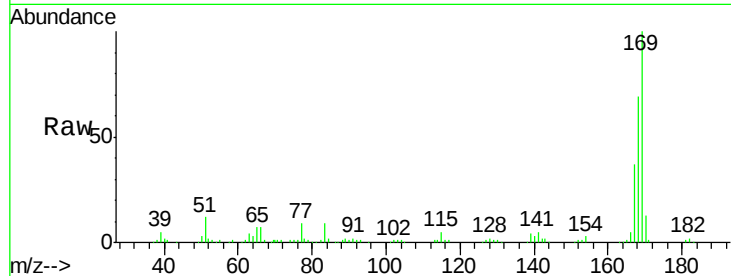
Tot Ion:169 Resp: 183069

Ion Ratio Lower Upper

169 100

168 69.0 53.8 80.6

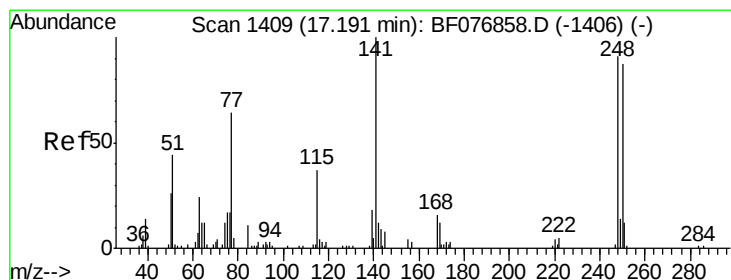
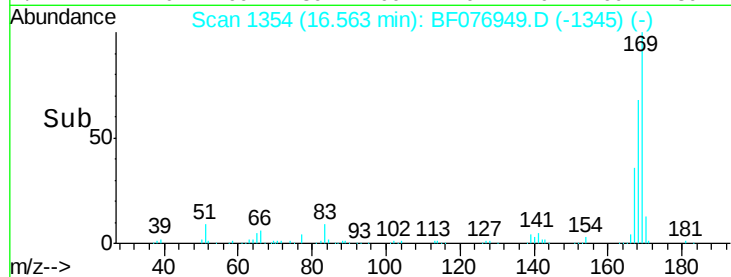
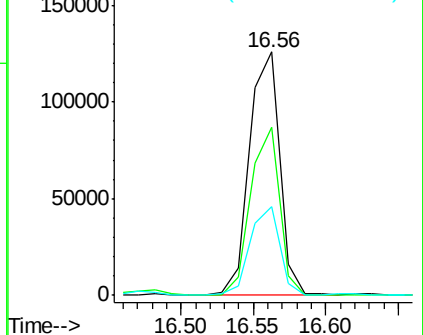
167 36.7 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.71 ng

RT: 17.16 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

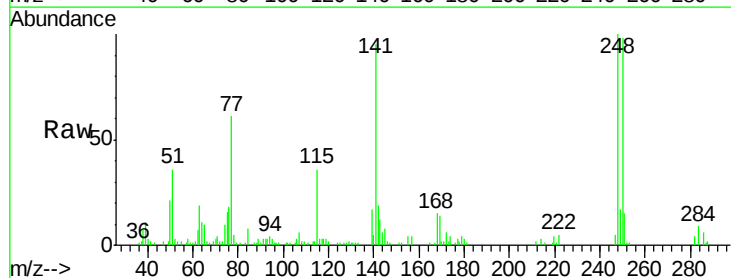
Tgt Ion:248 Resp: 54985

Ion Ratio Lower Upper

248 100

250 98.3 77.1 115.7

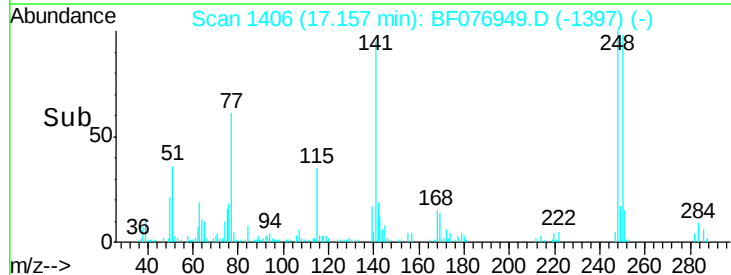
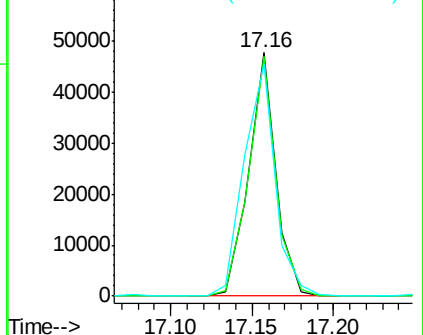
141 95.5 88.2 132.4

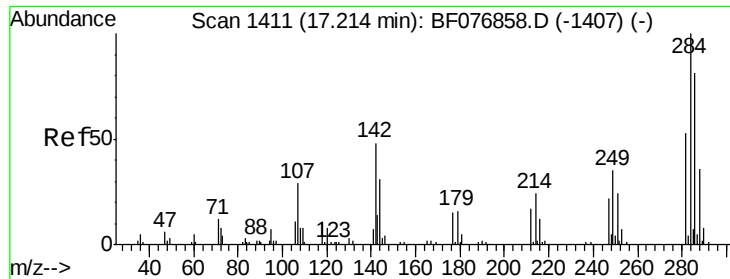


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

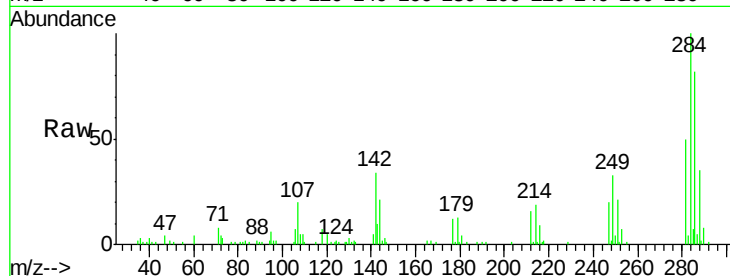




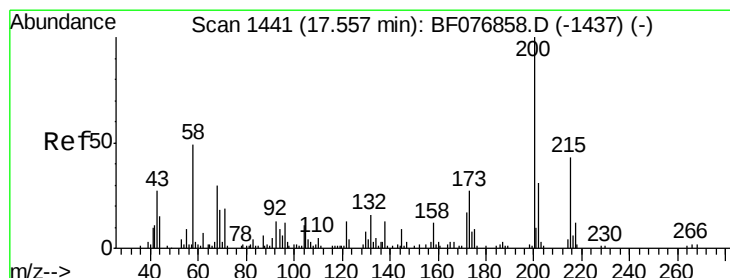
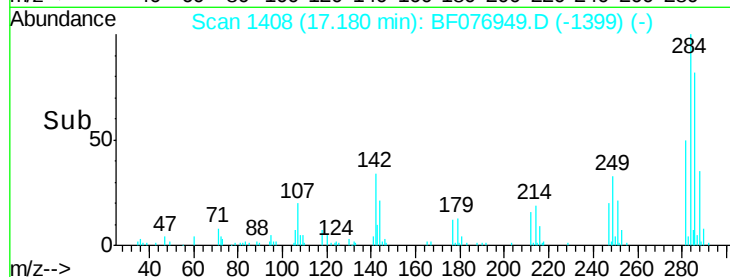
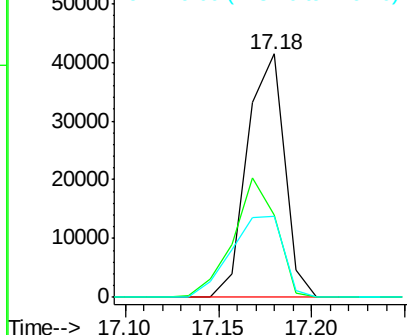
#67
Hexachlorobenzene
Concen: 40.08 ng
RT: 17.18 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion:284 Resp: 57054
Ion Ratio Lower Upper
284 100
142 33.8 38.2 57.4#
249 33.1 28.2 42.2

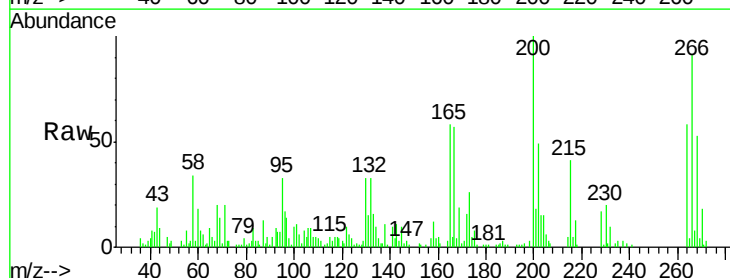


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

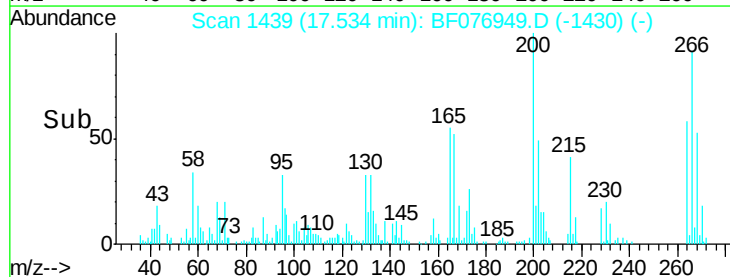
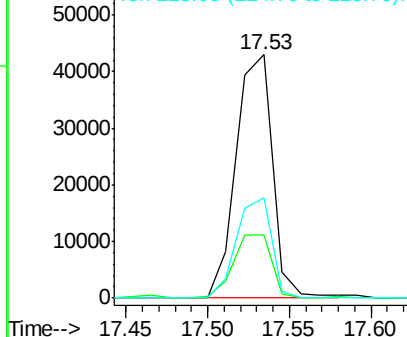


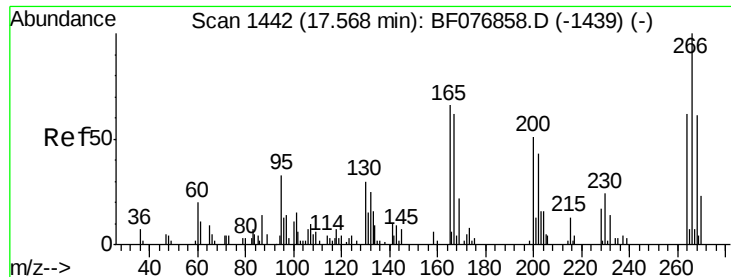
#68
Atrazine
Concen: 46.25 ng
RT: 17.53 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Tgt Ion:200 Resp: 66715
Ion Ratio Lower Upper
200 100
173 25.7 6.6 46.6
215 41.1 22.9 62.9



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

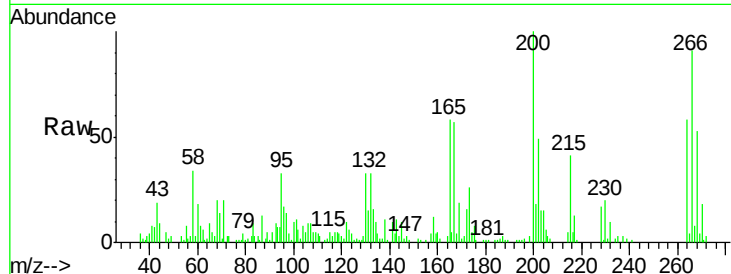




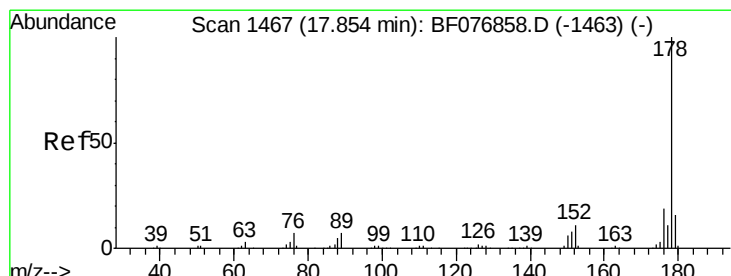
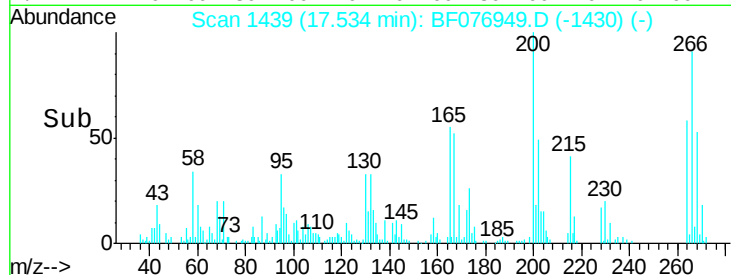
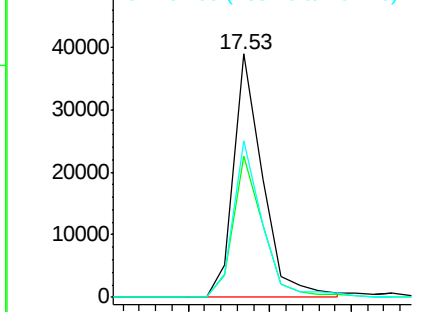
#69
 Pentachlorophenol
 Concen: 74.25 ng
 RT: 17.53 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion:266 Resp: 48121
 Ion Ratio Lower Upper
 266 100
 268 58.0 48.6 72.8
 264 64.2 49.5 74.3

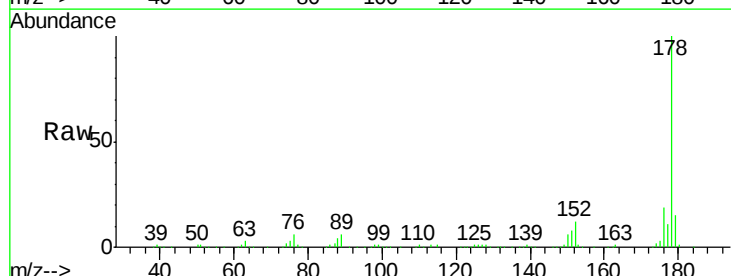


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

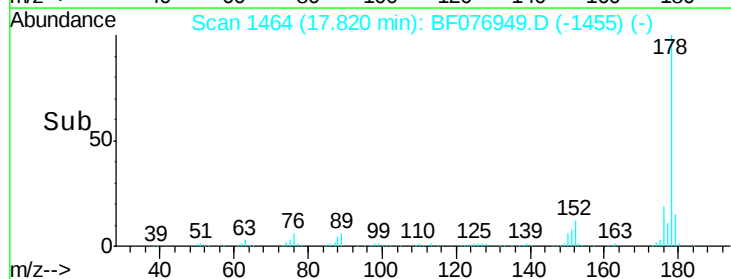
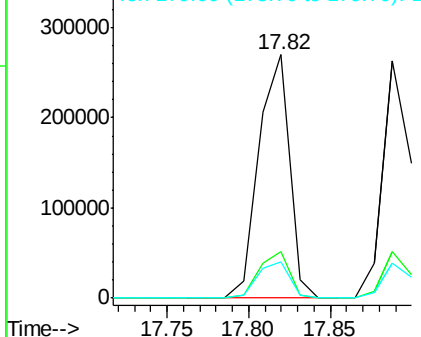


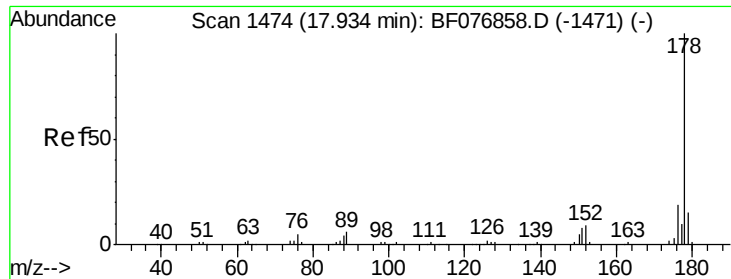
#70
 Phenanthrene
 Concen: 42.69 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Tgt Ion:178 Resp: 354933
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.1 22.7
 179 14.7 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

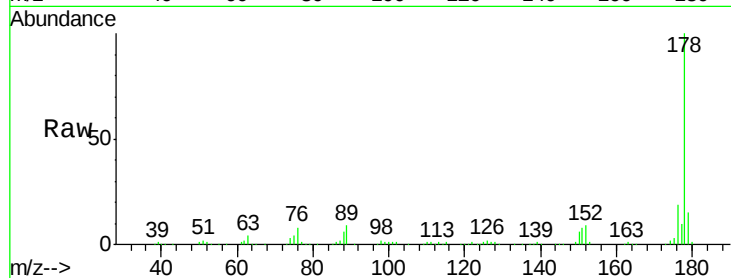




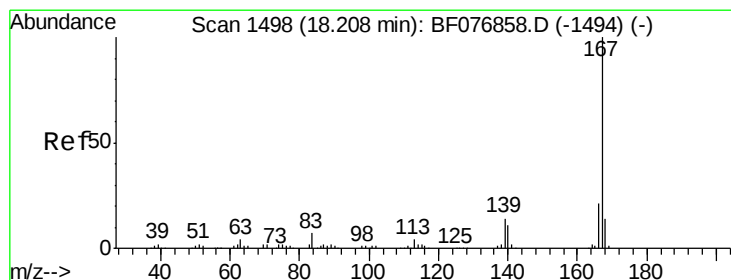
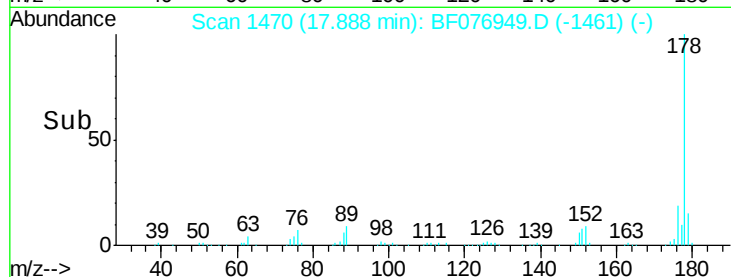
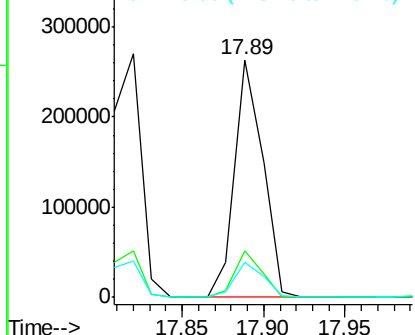
#71
 Anthracene
 Concen: 38.78 ng
 RT: 17.89 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion:178 Resp: 314383
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.0
 179 15.0 11.9 17.9

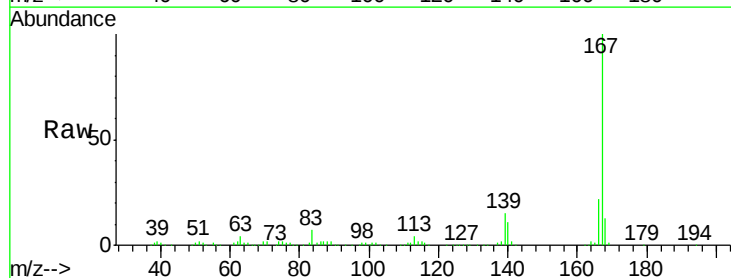


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

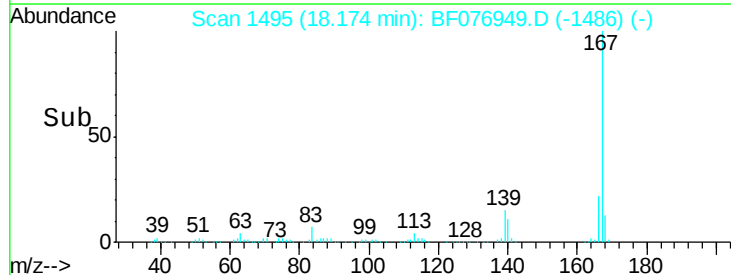
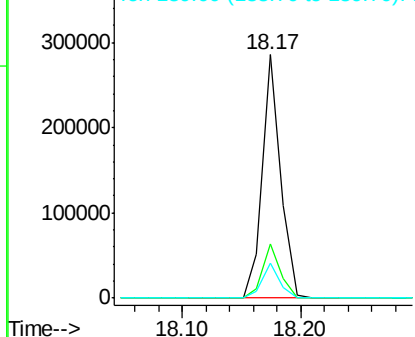


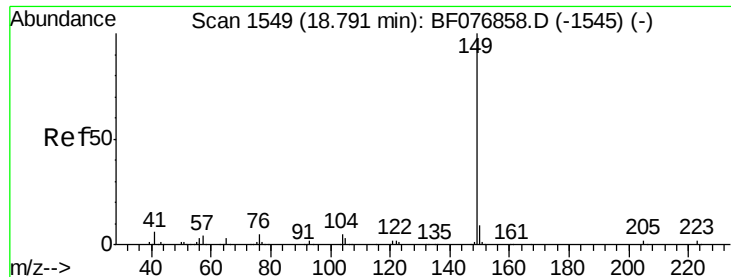
#72
 Carbazole
 Concen: 39.42 ng
 RT: 18.17 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Tgt Ion:167 Resp: 310005
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.0 25.6
 139 14.5 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.89 ng

RT: 18.76 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

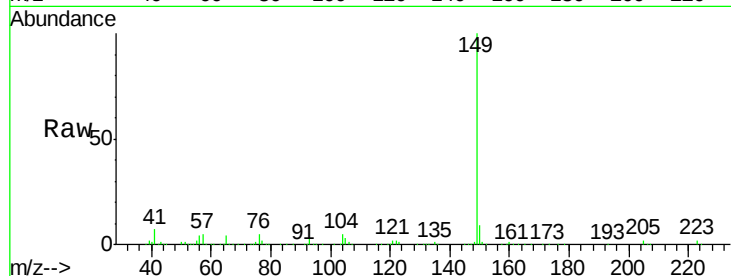
Tot Ion:149 Resp: 399471

Ion Ratio Lower Upper

149 100

150 9.3 6.9 10.3

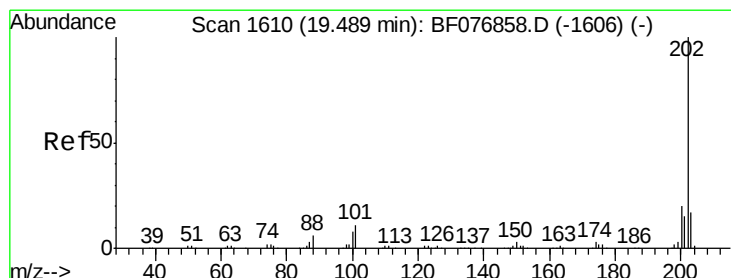
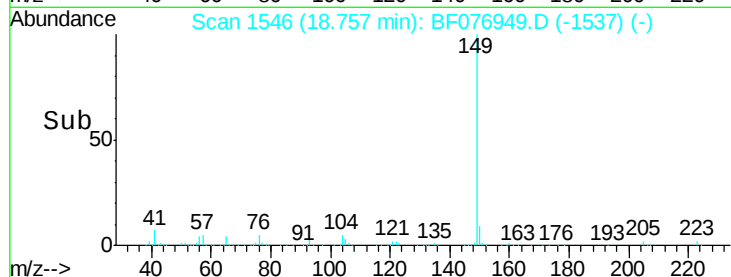
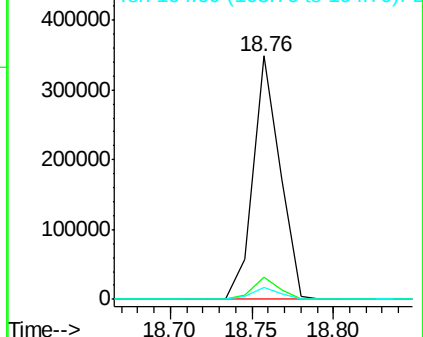
104 5.0 3.7 5.5



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: 39.56 ng

RT: 19.45 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

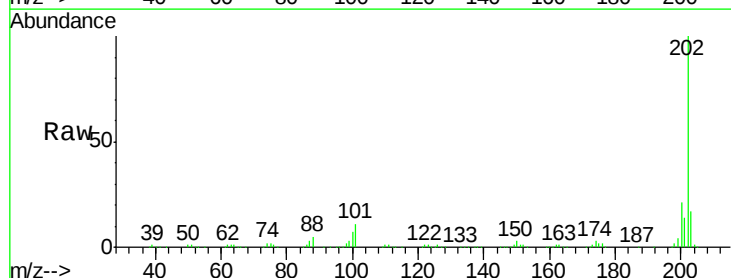
Tgt Ion:202 Resp: 337022

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.7

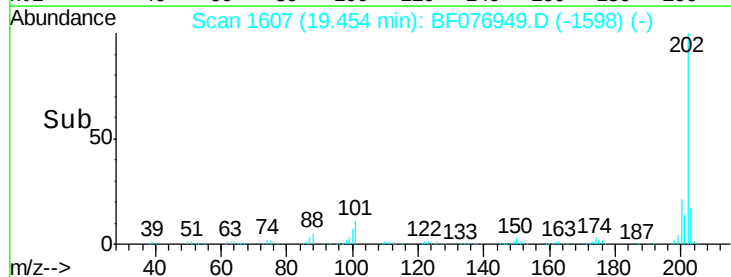
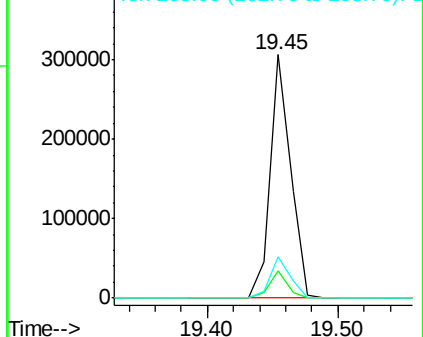
203 17.2 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.28 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

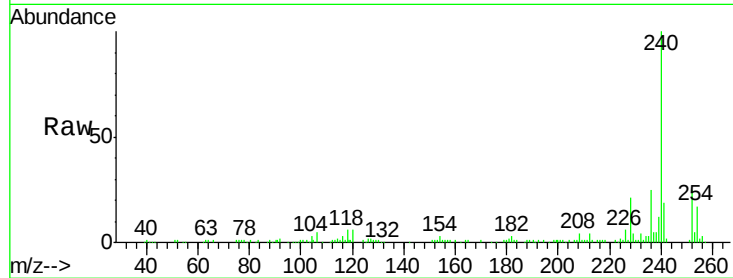
Tot Ion:240 Resp: 129659

Ion Ratio Lower Upper

240 100

120 6.3 10.4 15.6#

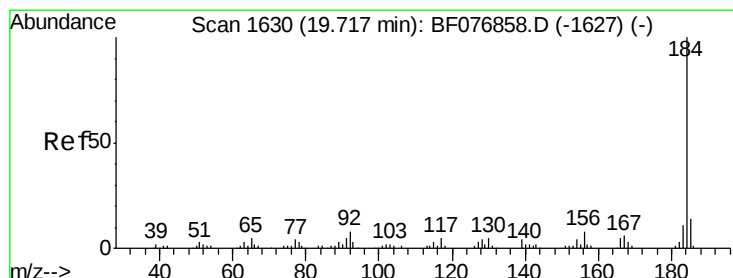
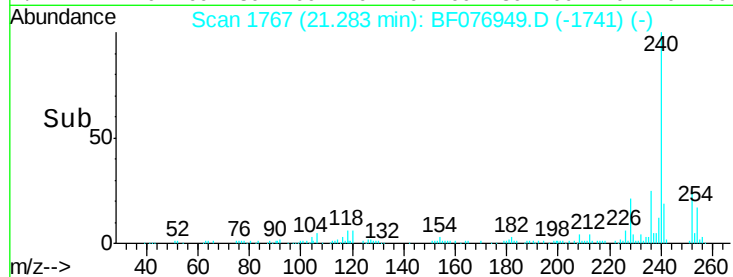
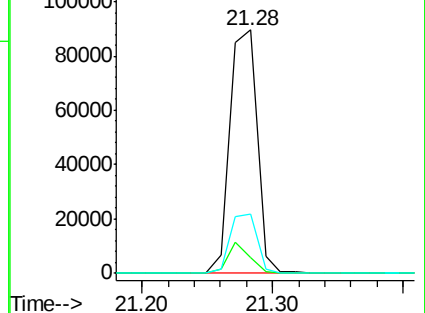
236 24.6 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.74 ng

RT: 19.69 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

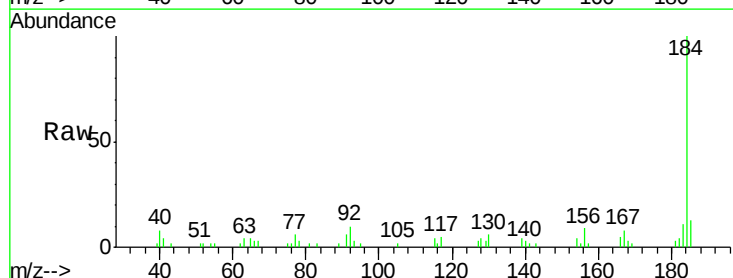
Tgt Ion:184 Resp: 23810

Ion Ratio Lower Upper

184 100

185 13.4 11.4 17.2

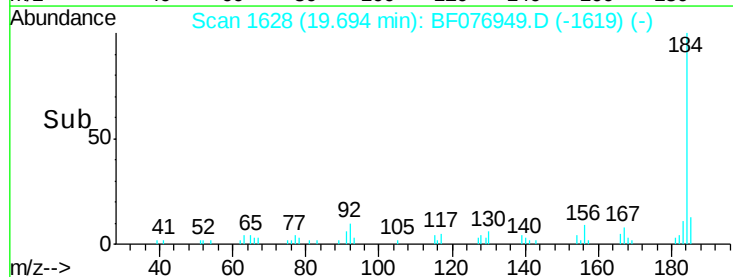
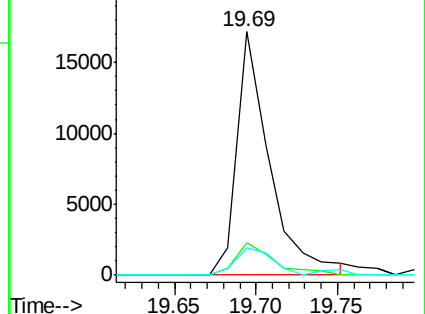
183 11.3 9.0 13.6

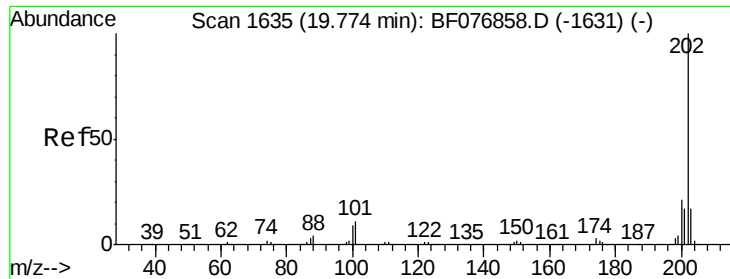


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

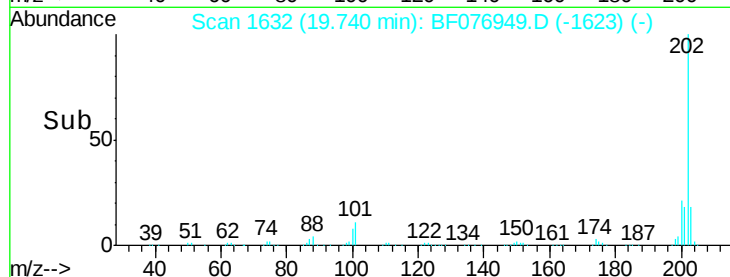
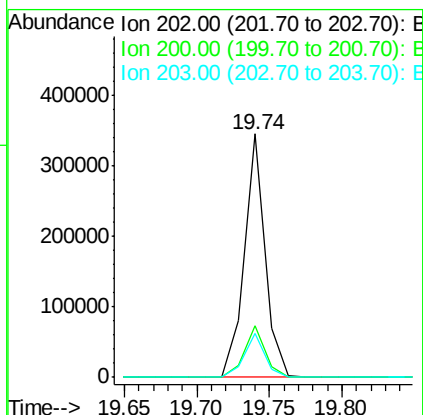
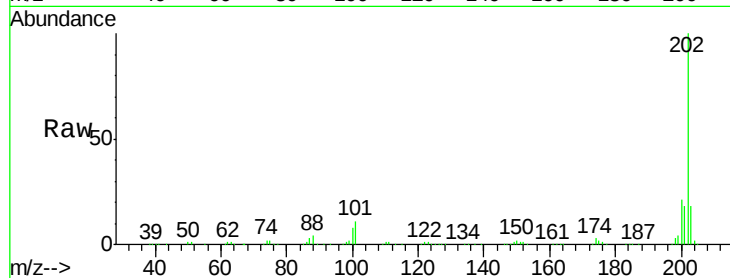




#77
 Pvrene
 Concen: 38.58 ng
 RT: 19.74 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

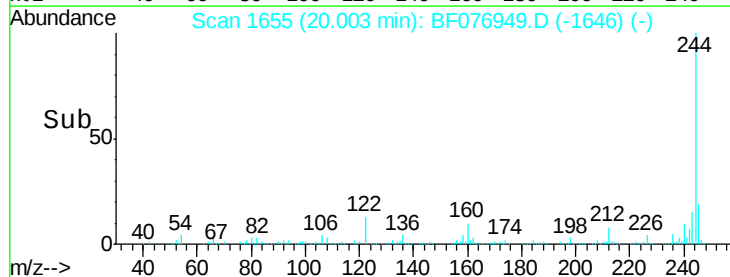
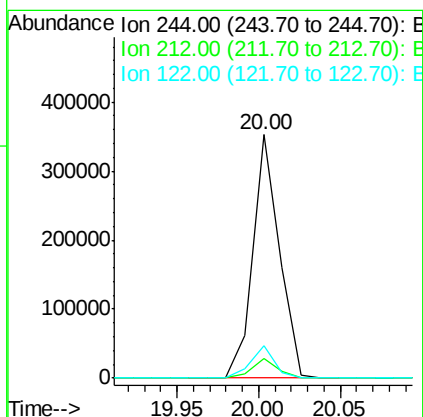
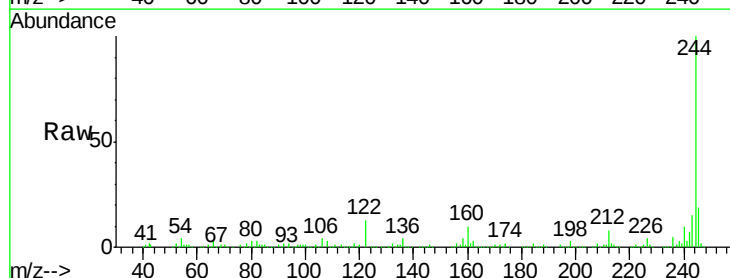
Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

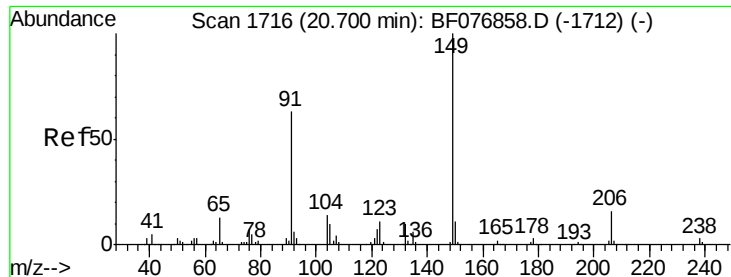
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.0	14.0	21.0



#78
 Terphenyl-d14
 Concen: 70.60 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	13.1	10.1	15.1

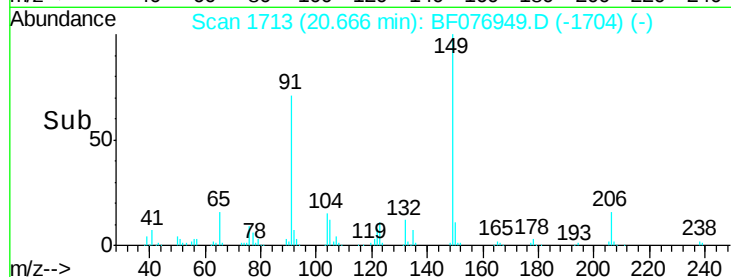
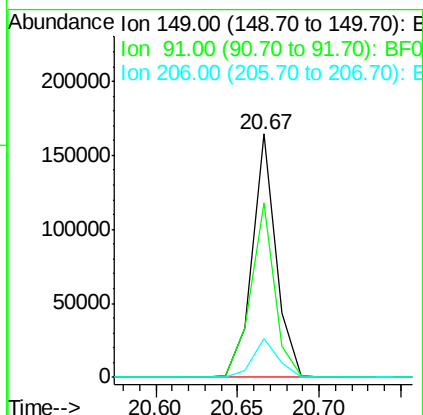
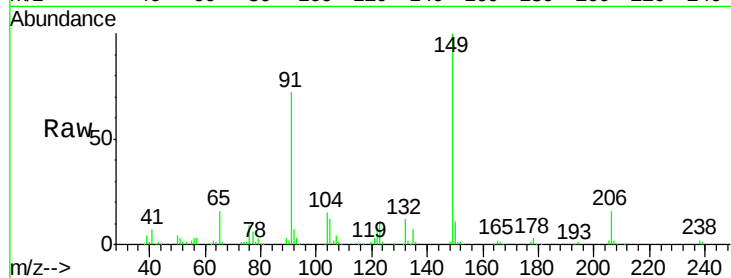




#79
Butylbenzylphthalate
Concen: 41.44 ng
RT: 20.67 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

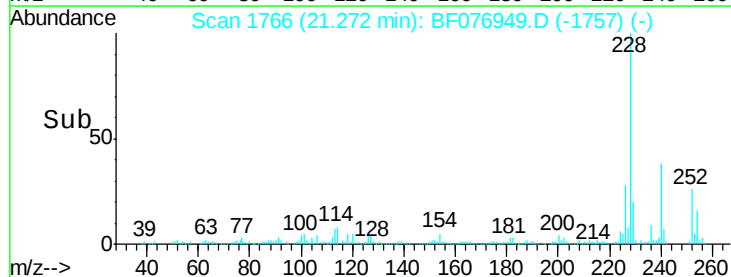
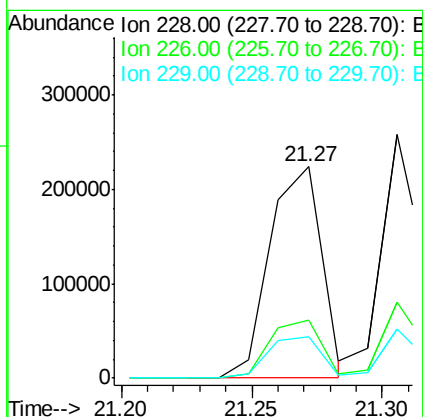
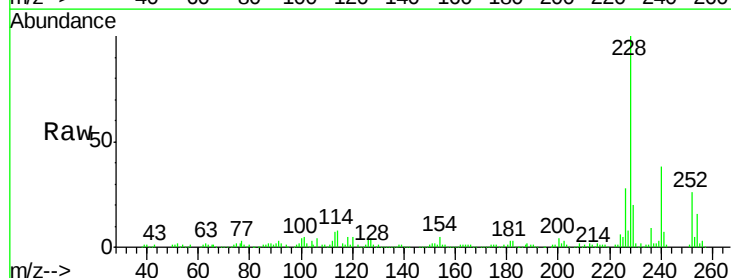
Instrument :
BNA_F
ClientSampleId :
S-1MSD

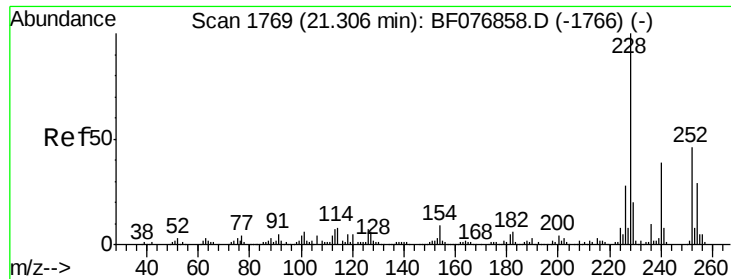
Tot Ion:149 Resp: 166764
Ion Ratio Lower Upper
149 100
91 71.5 50.6 76.0
206 15.8 12.8 19.2



#80
Benzo(a)anthracene
Concen: 37.99 ng
RT: 21.27 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Tgt Ion:228 Resp: 309065
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.9 15.5 23.3

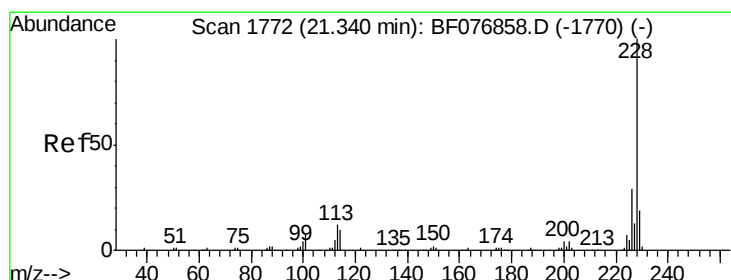
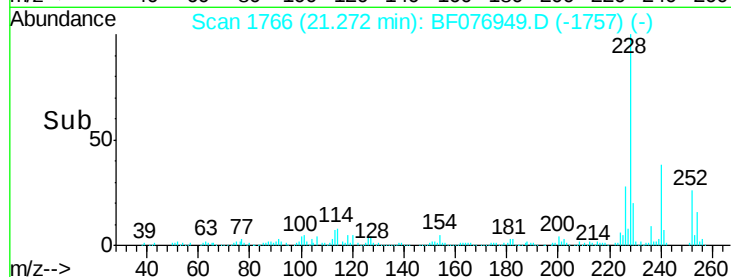
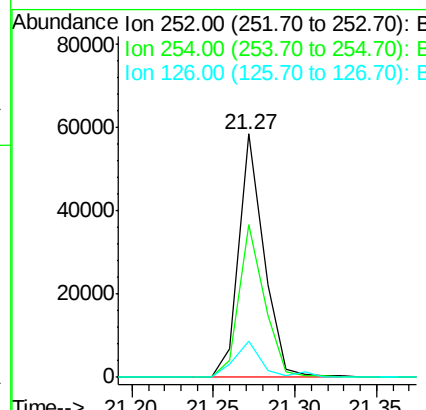
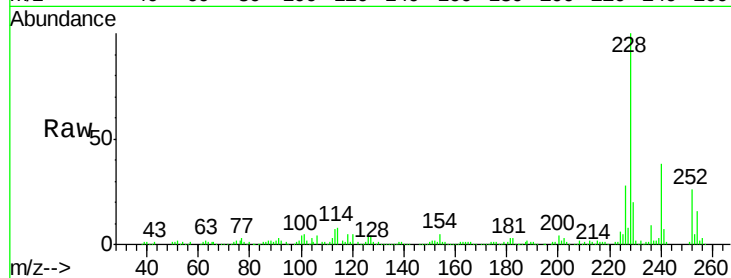




#81
 3,3'-Dichlorobenzidine
 Concen: 24.16 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

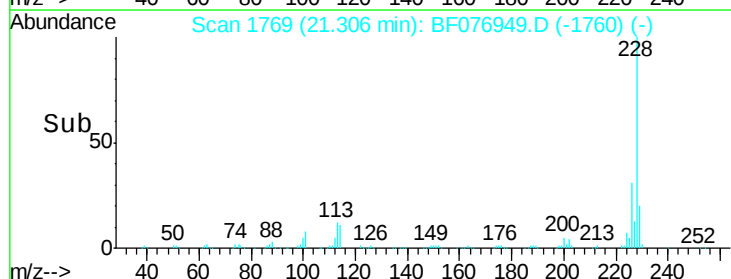
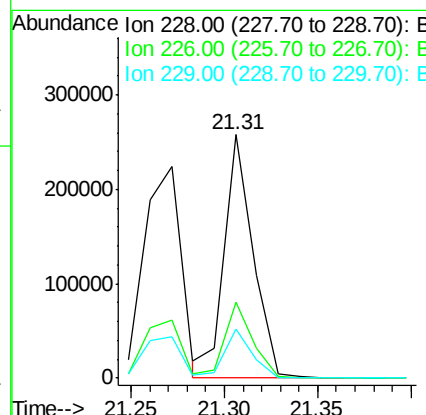
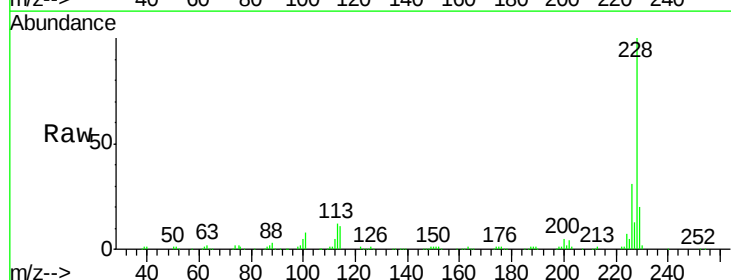
Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion:252 Resp: 62468
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.2 75.4
 126 14.9 11.5 17.3



#82
 Chrysene
 Concen: 37.29 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Tgt Ion:228 Resp: 276624
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.4 35.0
 229 19.9 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.14 ng

RT: 21.41 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

Instrument :

BNA_F

ClientSampleId :

S-1MSD

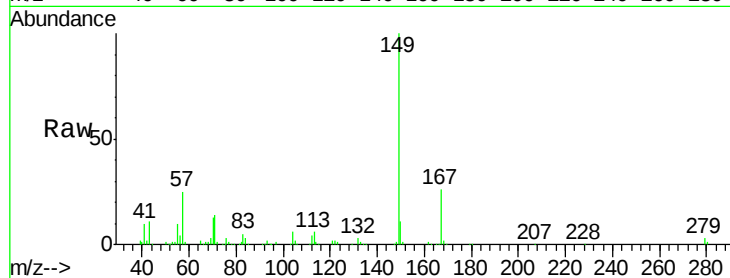
Tot Ion:149 Resp: 268058

Ion Ratio Lower Upper

149 100

167 25.6 20.6 30.8

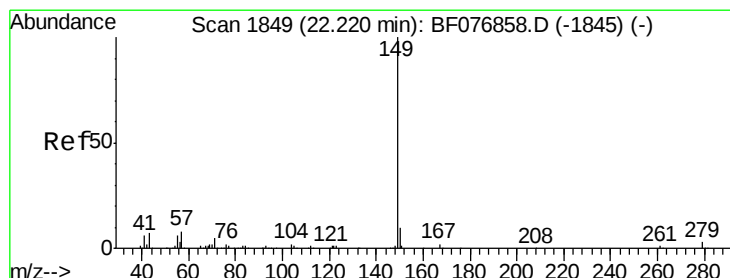
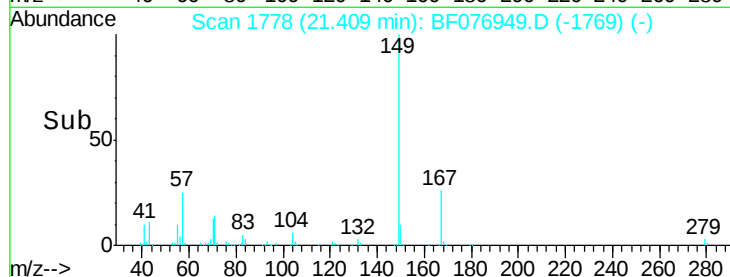
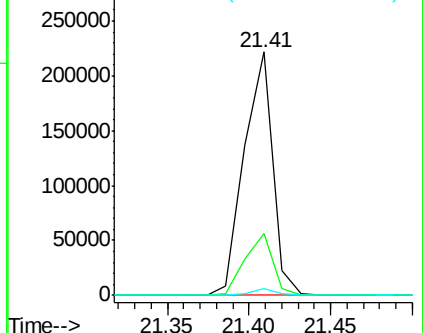
279 2.9 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.14 ng

RT: 22.19 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BF076949.D

Acq: 20 Jan 2015 4:35

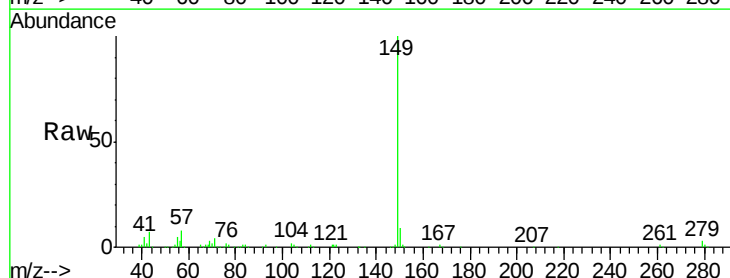
Tgt Ion:149 Resp: 416921

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

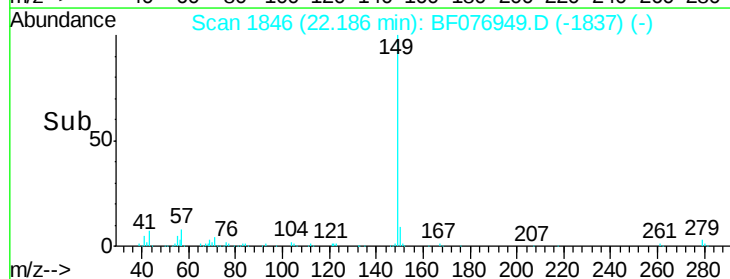
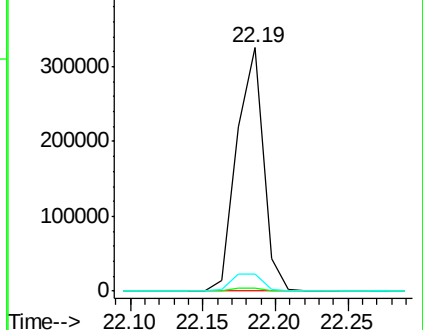
43 8.5 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

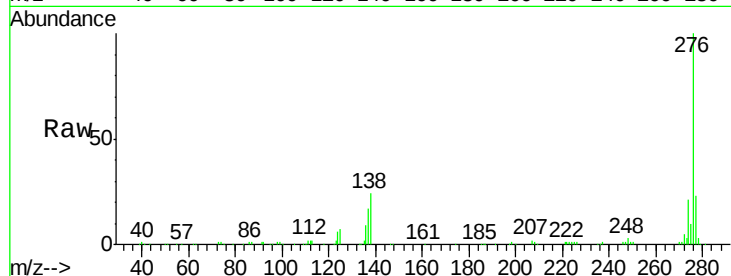




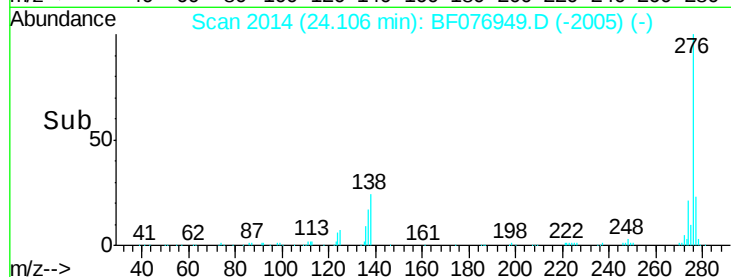
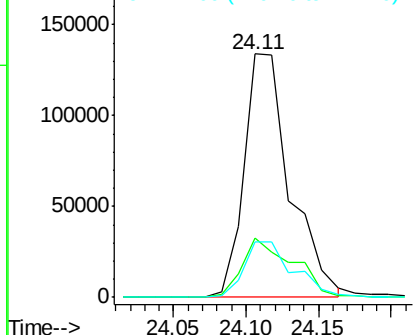
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.42 ng
 RT: 24.11 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion:276 Resp: 294176
 Ion Ratio Lower Upper
 276 100
 138 26.9 14.6 22.0#
 277 24.4 14.8 22.2#

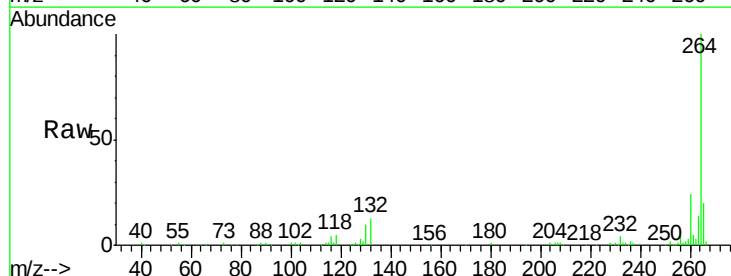


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

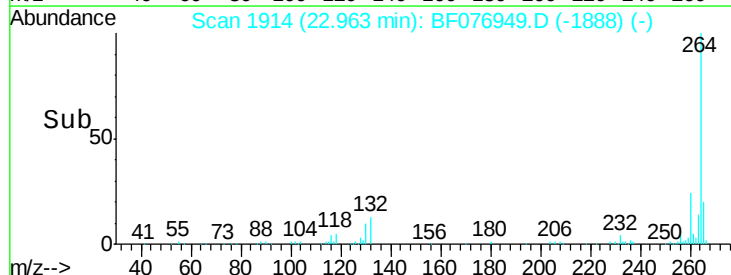
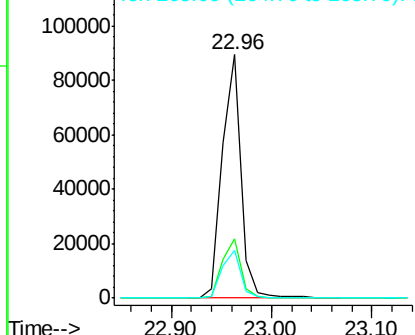


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.96 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Tgt Ion:264 Resp: 116119
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 19.7 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

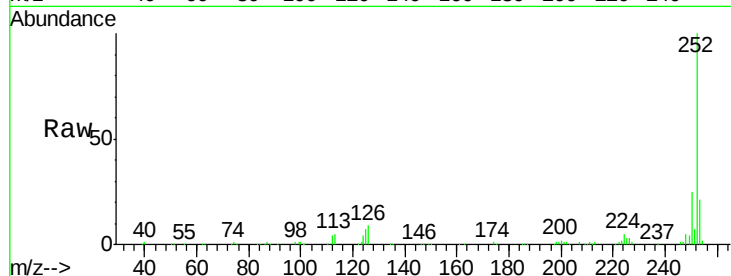




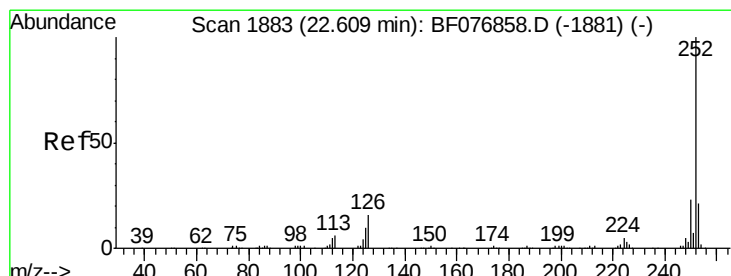
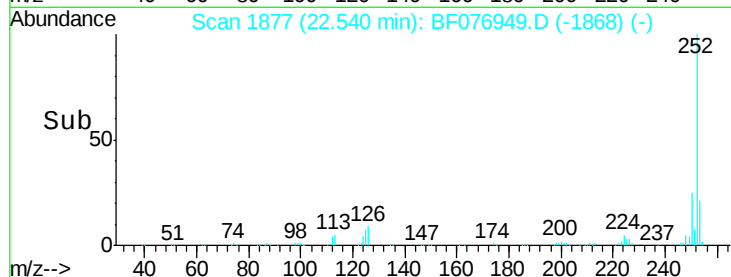
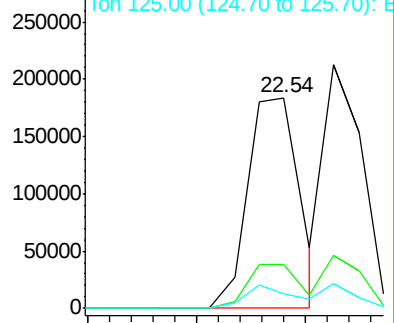
#87
Benzo(b)fluoranthene
Concen: 39.09 ng
RT: 22.54 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion:252 Resp: 305730
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 6.9 9.4 14.0#

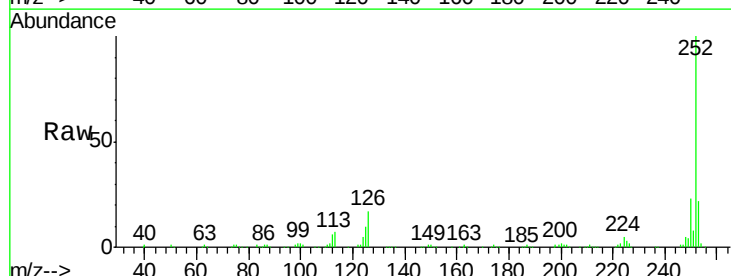


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

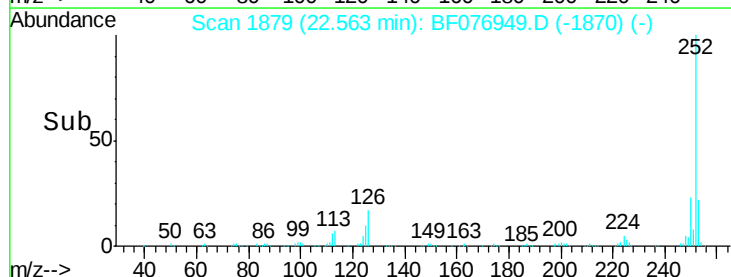
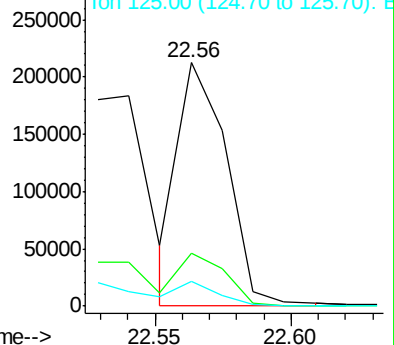


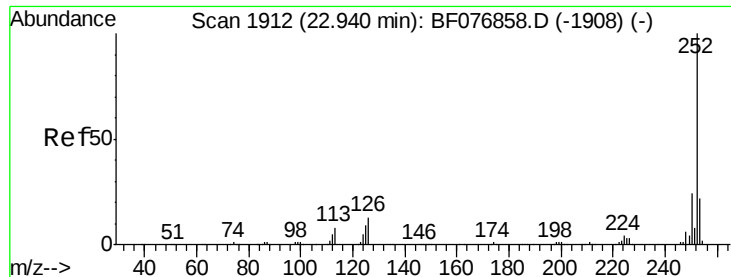
#88
Benzo(k)fluoranthene
Concen: 38.55 ng m
RT: 22.56 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Tgt Ion:252 Resp: 263401
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.4 7.1 10.7



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

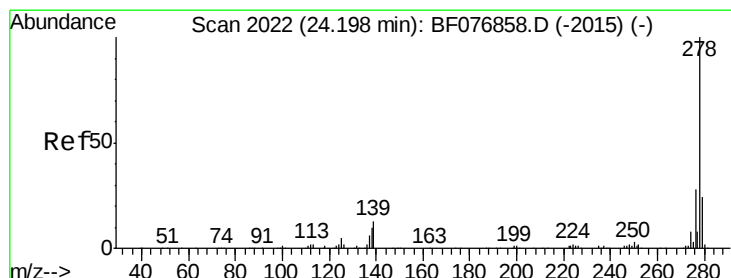
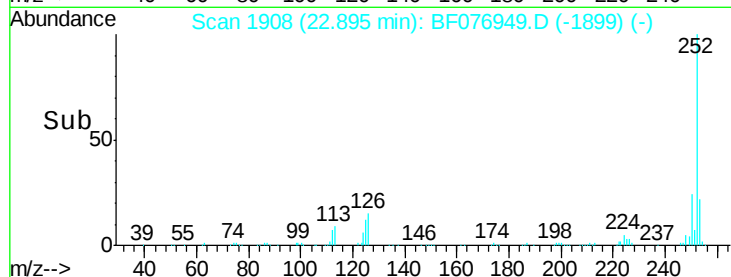
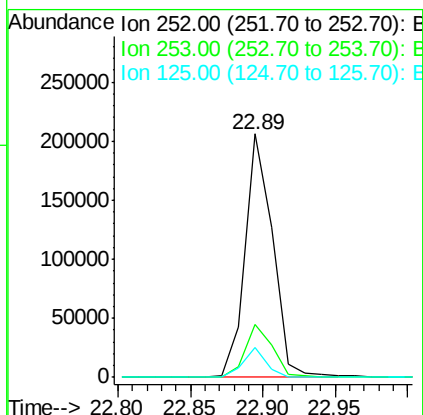
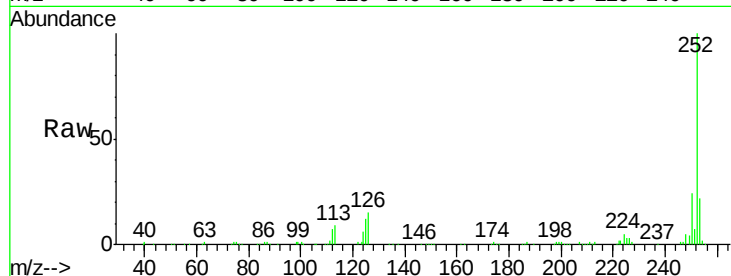




#89
Benzo(a)pyrene
Concen: 39.32 ng
RT: 22.89 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

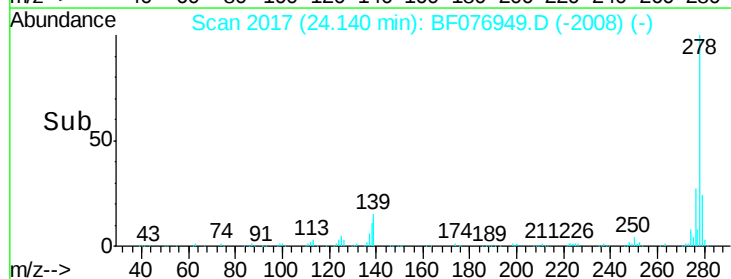
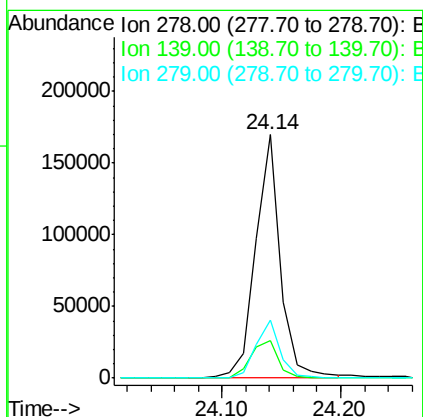
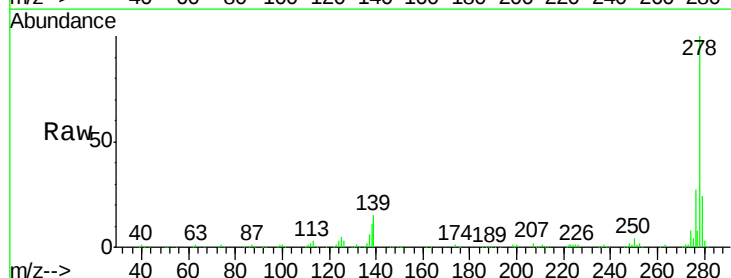
Instrument :
BNA_F
ClientSampleId :
S-1MSD

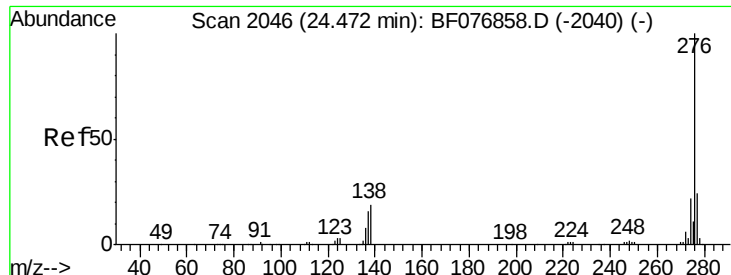
Tot Ion:252 Resp: 271234
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.1 7.2 10.8#



#90
Dibenzo(a,h)anthracene
Concen: 39.15 ng
RT: 24.14 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF076949.D
Acq: 20 Jan 2015 4:35

Tgt Ion:278 Resp: 247782
Ion Ratio Lower Upper
278 100
139 15.4 10.5 15.7
279 23.9 19.3 28.9

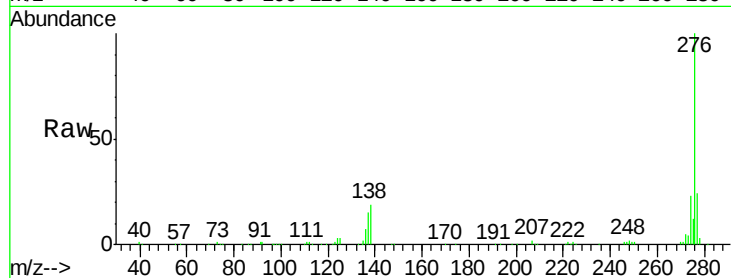




#91
 Benzo(a,h,i)perylene
 Concen: 39.15 ng
 RT: 24.41 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF076949.D
 Acq: 20 Jan 2015 4:35

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	18.7	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

