

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
 Data File : BF076907.D
 Acq On : 16 Jan 2015 6:26
 Operator : IZ / TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 16 07:27:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 16 07:20:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31224	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	135593	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	73001	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	121007	20.00	ng	0.00
75) Chrysene-d12	21.31	240	122486	20.00	ng	0.00
86) Perylene-d12	22.94	264	112085	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	168830	88.90	ng	0.00
7) Phenol-d6	7.42	99	210934	88.05	ng	0.00
23) Nitrobenzene-d5	9.32	82	212480	86.82	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	48206	81.35	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	404286	84.28	ng	0.00
78) Terphenyl-d14	20.04	244	413115	77.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.32	88	35731	43.94	ng	94
3) Pyridine	1.80	79	100477	47.75	ng	93
4) n-Nitrosodimethylamine	1.76	42	41457	39.77	ng	# 97
6) Aniline	7.30	93	145399	43.86	ng	99
8) 2-Chlorophenol	7.56	128	94576	43.20	ng	95
9) Benzaldehyde	7.03	77	50292	36.14	ng	93
10) Phenol	7.44	94	112843	44.36	ng	93
11) bis(2-Chloroethyl)ether	7.56	93	87881	44.15	ng	93
12) 1,3-Dichlorobenzene	7.86	146	109888	44.12	ng	97
13) 1,4-Dichlorobenzene	8.06	146	112054	42.42	ng	98
14) 1,2-Dichlorobenzene	8.38	146	106503	43.76	ng	100
15) Benzyl Alcohol	8.45	79	84312	43.49	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	109651	40.98	ng	92
17) 2-Methylphenol	8.79	107	77870	43.52	ng	99
18) Hexachloroethane	9.12	117	41183	44.83	ng	98
19) n-Nitroso-di-n-propylamine	9.08	70	69996	41.74	ng	# 94
20) 3+4-Methylphenols	9.17	107	101632	42.90	ng	97
22) Acetophenone	9.01	105	142339	42.86	ng	97
24) Nitrobenzene	9.36	77	109652	43.98	ng	96
25) Isophorone	9.96	82	184474	41.39	ng	95
26) 2-Nitrophenol	10.09	139	52094	41.07	ng	# 85
27) 2,4-Dimethylphenol	10.37	122	81818	42.44	ng	98
28) bis(2-Chloroethoxy)methane	10.57	93	105069	41.47	ng	98
29) 2,4-Dichlorophenol	10.70	162	79327	44.14	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	84539	42.36	ng	94
31) Naphthalene	10.97	128	296172	42.43	ng	99
32) Benzoic acid	10.71	122	25717	24.08	ng	95
33) 4-Chloroaniline	11.21	127	118879	42.14	ng	99
34) Hexachlorobutadiene	11.34	225	49322	41.65	ng	94
35) Caprolactam	12.06	113	21859	41.32	ng	92
36) 4-Chloro-3-methylphenol	12.52	107	86145	41.87	ng	99
37) 2-Methylnaphthalene	12.63	142	204451	42.89	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	74260	41.14	ng	99
40) Hexachlorocyclopentadiene	13.02	237	24502	28.35	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	54577	41.50	nq	95
43) 2,4,5-Trichlorophenol	13.47	196	55268	41.21	nq	94
45) 1,1'-Biphenyl	13.79	154	232611	42.98	nq	98
46) 2-Chloronaphthalene	13.76	162	191022	42.89	nq	97
47) 2-Nitroaniline	14.11	65	59212	43.83	nq	91
48) Acenaphthylene	14.72	152	321411	42.79	nq	99
49) Dimethylphthalate	14.67	163	215628	41.65	nq	99
50) 2,6-Dinitrotoluene	14.76	165	44878	43.39	nq	98
51) Acenaphthene	15.15	154	176634	41.44	nq	95
52) 3-Nitroaniline	15.10	138	56155	41.82	nq	83
53) 2,4-Dinitrophenol	15.39	184	8920	27.43	nq	# 79
54) Dibenzofuran	15.57	168	257857	41.53	nq	100
55) 4-Nitrophenol	15.68	139	32139	39.60	nq	97
56) 2,4-Dinitrotoluene	15.68	165	61145	39.81	nq	# 97
57) Fluorene	16.28	166	223192	42.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.89	232	40036	41.00	nq	# 95
59) Diethylphthalate	16.27	149	216061	41.29	nq	96
60) 4-Chlorophenyl-phenylether	16.36	204	91771	42.64	nq	92
61) 4-Nitroaniline	16.40	138	55200	42.51	nq	97
62) Azobenzene	16.64	77	227546	41.74	nq	96
64) 4,6-Dinitro-2-methylphenol	16.48	198	23914	31.94	nq	99
65) n-Nitrosodiphenylamine	16.60	169	180488	41.83	nq	98
66) 4-Bromophenyl-phenylether	17.19	248	51027	41.62	nq	93
67) Hexachlorobenzene	17.21	284	54912	42.50	nq	95
68) Atrazine	17.56	200	55031	42.03	nq	99
69) Pentachlorophenol	17.57	266	19723	37.32	nq	96
70) Phenanthrene	17.85	178	308444	40.87	nq	99
71) Anthracene	17.92	178	308849	41.97	nq	97
72) Carbazole	18.21	167	305188	42.76	nq	99
73) Di-n-butylphthalate	18.79	149	347780	42.10	nq	99
74) Fluoranthene	19.49	202	326768	42.26	nq	97
76) Benzidine	19.72	184	143478	36.61	nq	99
77) Pyrene	19.77	202	350257	41.72	nq	99
79) Butylbenzylphthalate	20.70	149	153134	40.28	nq	97
80) Benzo(a)anthracene	21.29	228	315126	41.01	nq	98
81) 3,3'-Dichlorobenzidine	21.31	252	100183	41.02	nq	93
82) Chrysene	21.34	228	288243	41.13	nq	99
83) Bis(2-ethylhexyl)phthalate	21.43	149	198201	37.68	nq	# 96
84) Di-n-octyl phthalate	22.20	149	357333	39.14	nq	99
85) Indeno(1,2,3-cd)pyrene	24.04	276	337909	45.50	nq	# 83
87) Benzo(b)fluoranthene	22.54	252	368282	48.78	nq	98
88) Benzo(k)fluoranthene	22.57	252	223672m	33.91	nq	
89) Benzo(a)pyrene	22.88	252	285757	42.91	nq	# 96
90) Dibenzo(a,h)anthracene	24.06	278	267909	43.85	nq	97
91) Benzo(g,h,i)perylene	24.33	276	277187	45.63	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.02 min Scan# 607

Delta R.T. 0.00 min

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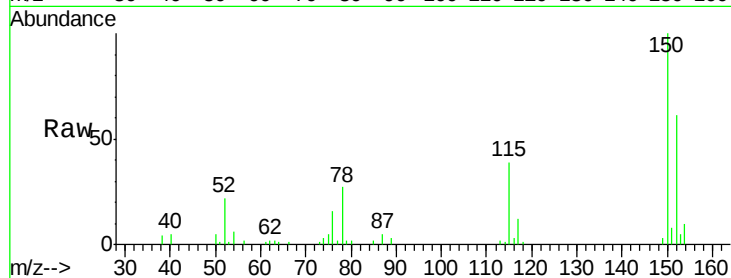
Tot Ion:152 Resp: 31224

Ion Ratio Lower Upper

152 100

150 162.8 121.7 182.5

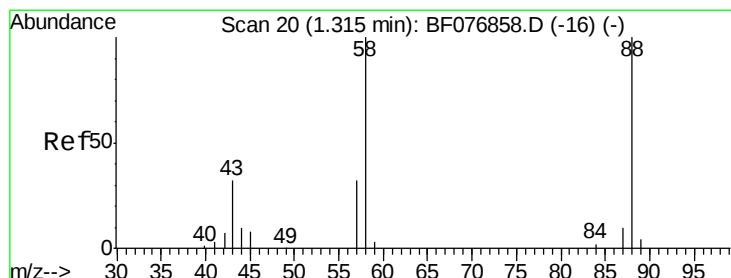
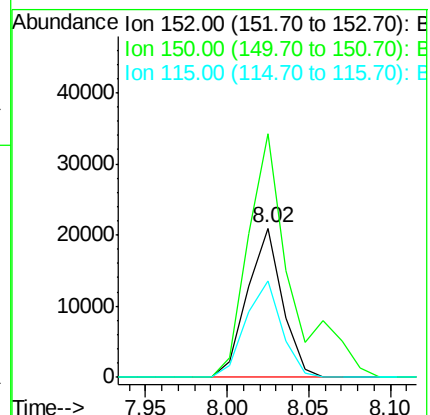
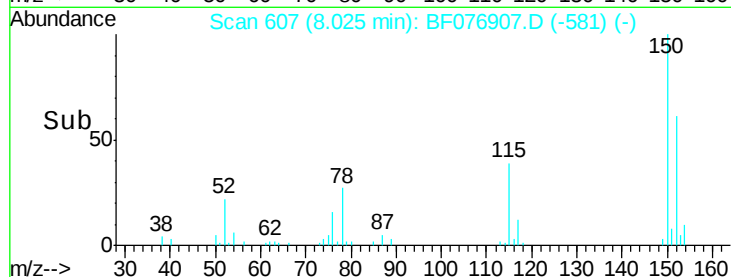
115 64.2 47.0 70.6



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: 43.94 ng

RT: 1.32 min Scan# 20

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

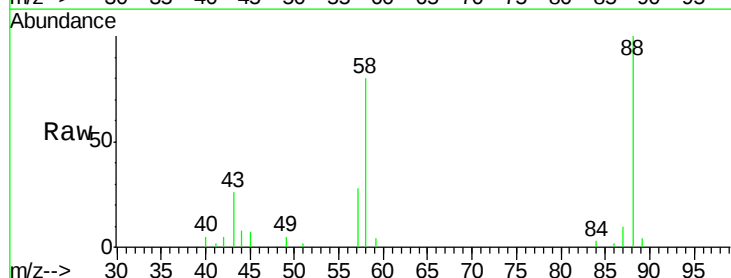
Tgt Ion: 88 Resp: 35731

Ion Ratio Lower Upper

88 100

58 90.0 77.0 115.4

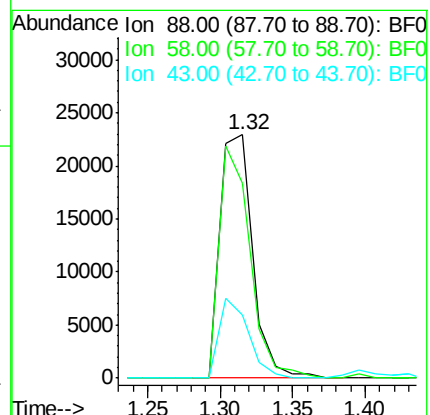
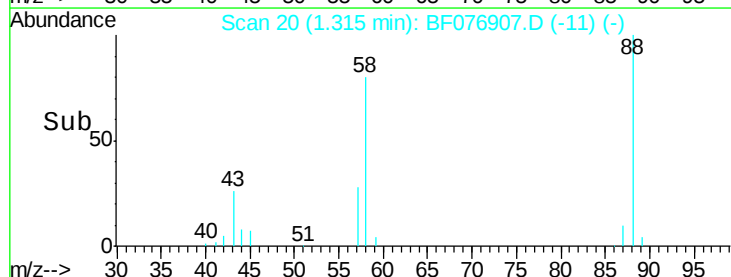
43 29.6 25.6 38.4

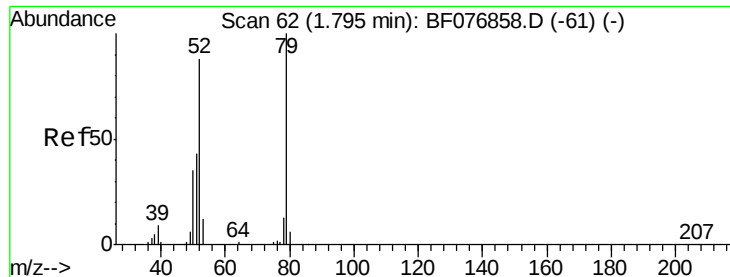


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 47.75 ng

RT: 1.80 min Scan# 62

Delta R.T. 0.00 min

Lab File: BF076907.D

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Instrument :

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ClientSampleId :

SSTDCCC040EC

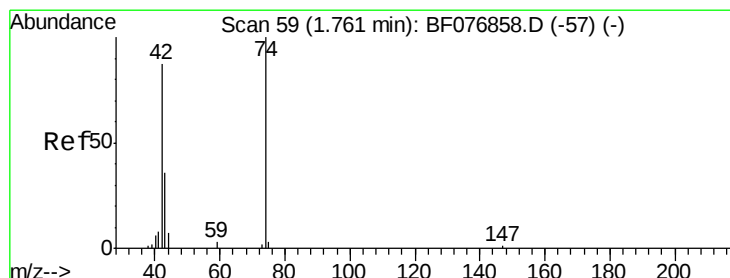
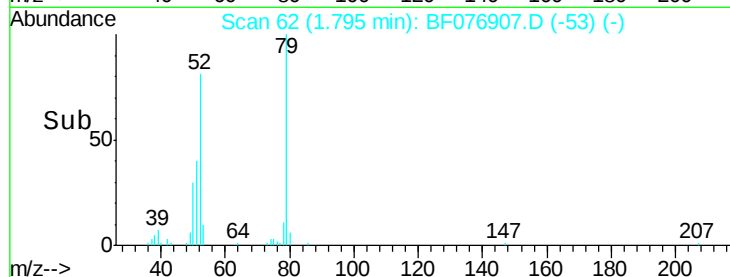
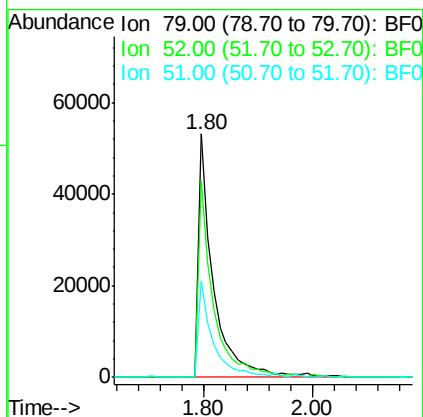
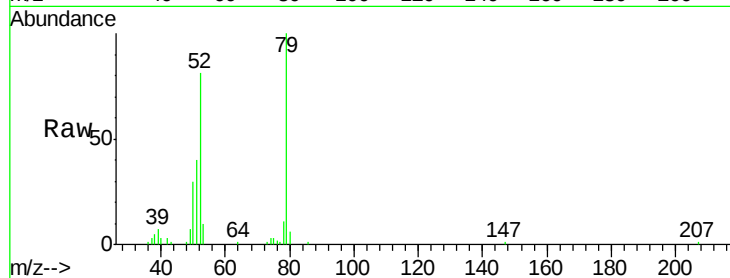
Tot Ion: 79 Resp: 100477

Ion Ratio Lower Upper

79 100

52 80.5 70.1 105.1

51 39.7 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 39.77 ng

RT: 1.76 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

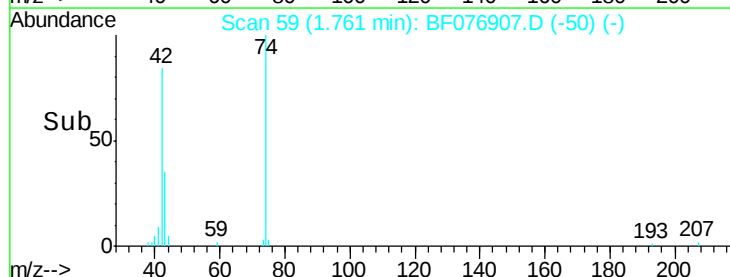
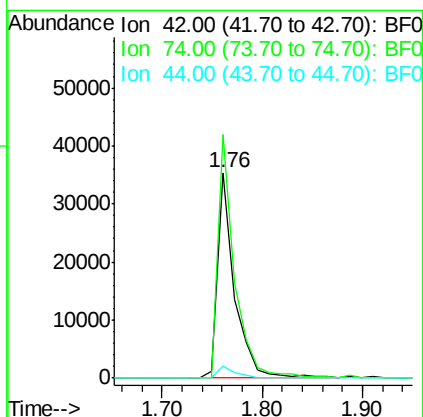
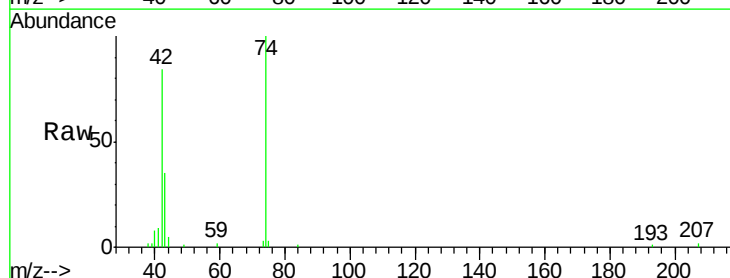
Tgt Ion: 42 Resp: 41457

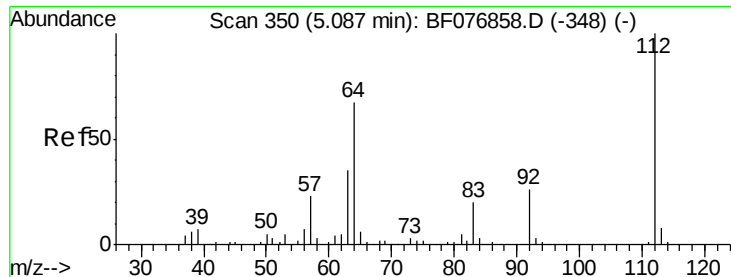
Ion Ratio Lower Upper

42 100

74 118.5 92.4 138.6

44 5.8 6.2 9.2#

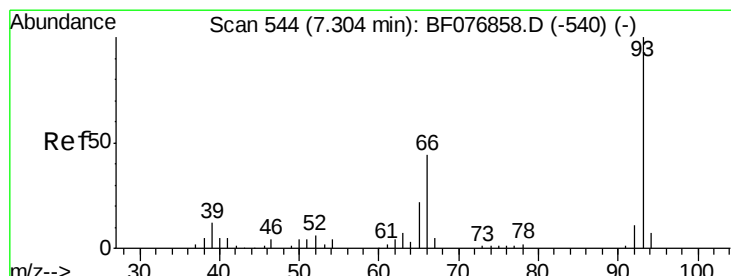
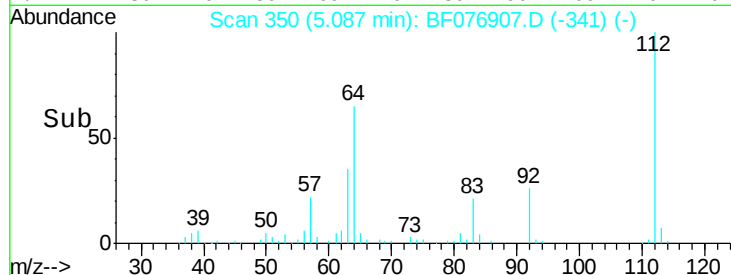
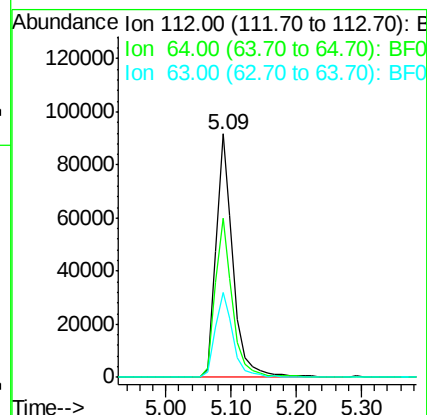
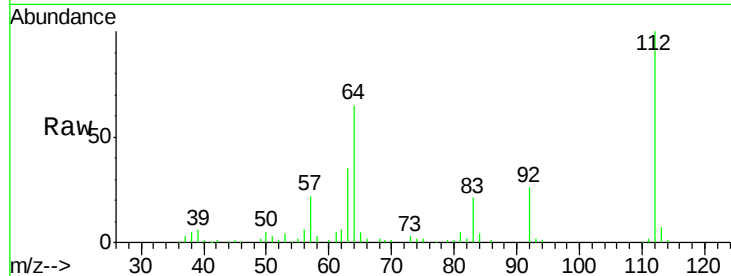




#5
 2-Fluorophenol
 Concen: 88.90 ng
 RT: 5.09 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

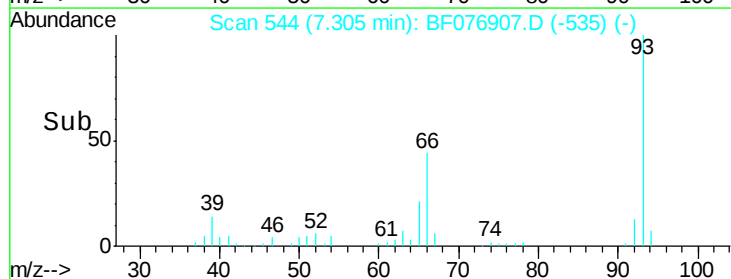
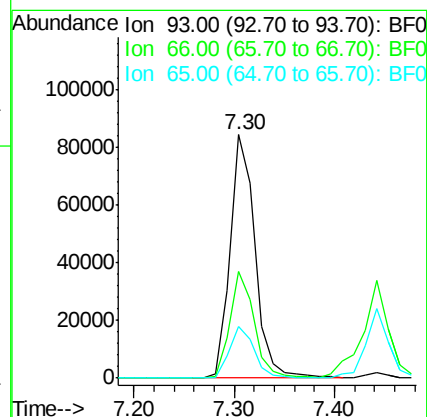
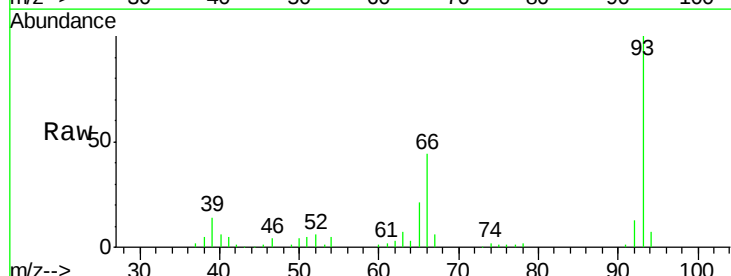
Instrument :
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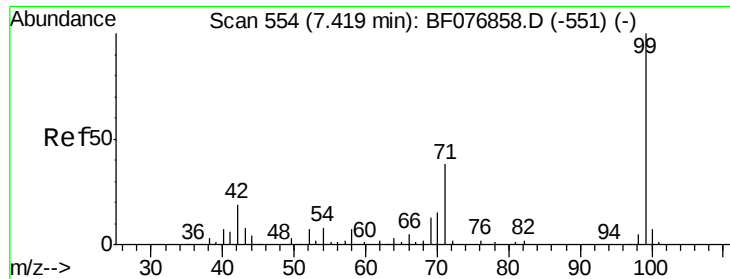
Tot Ion: 112 Resp: 168830
 Ion Ratio Lower Upper
 112 100
 64 65.5 54.2 81.4
 63 34.9 28.4 42.6



#6
 Aniline
 Concen: 43.86 ng
 RT: 7.30 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion: 93 Resp: 145399
 Ion Ratio Lower Upper
 93 100
 66 43.6 35.0 52.4
 65 21.4 17.7 26.5





#7

Phenol-d6

Concen: 88.05 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

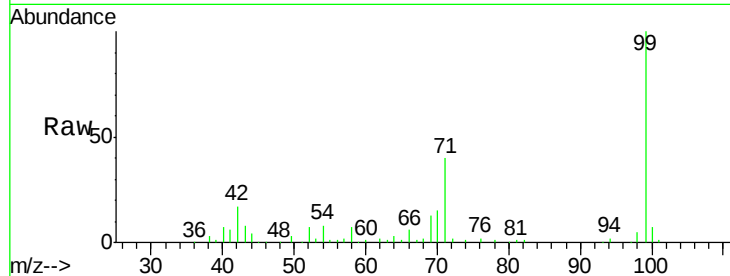
Tot Ion: 99 Resp: 210934

Ion Ratio Lower Upper

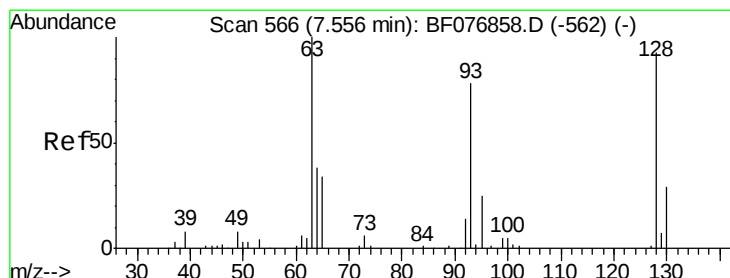
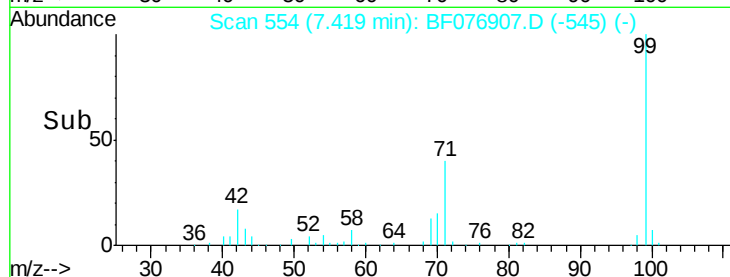
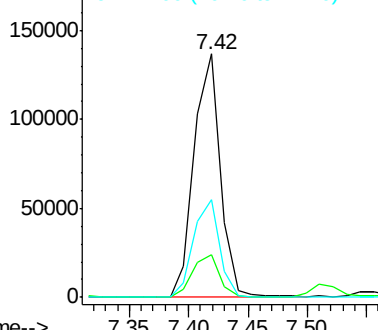
99 100

42 17.5 15.0 22.4

71 40.1 30.5 45.7



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



#8

2-Chlorophenol

Concen: 43.20 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

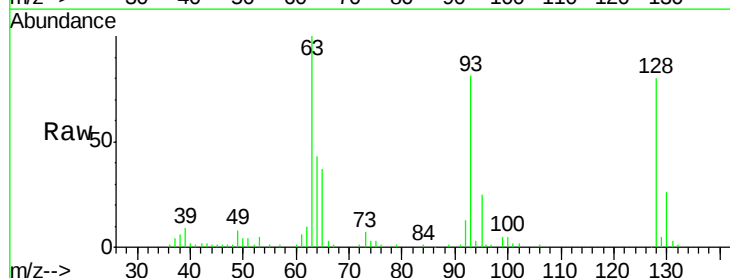
Tgt Ion: 128 Resp: 94576

Ion Ratio Lower Upper

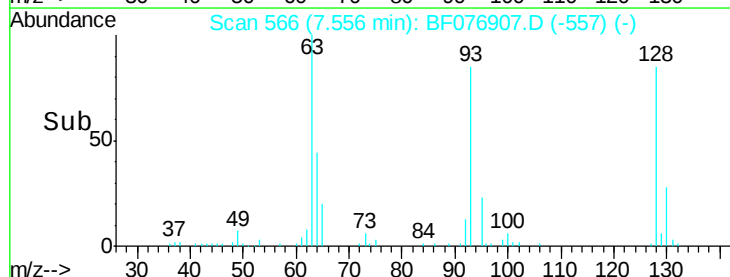
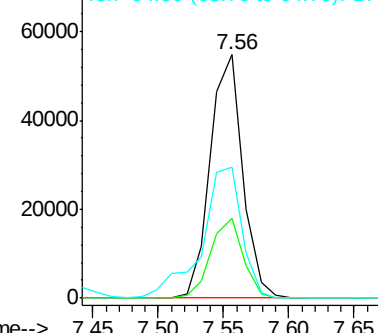
128 100

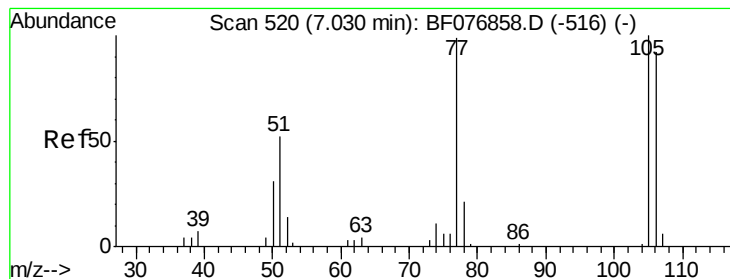
130 32.9 11.0 51.0

64 53.8 29.3 69.3



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





#9

Benzaldehyde

Concen: 36.14 ng

RT: 7.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

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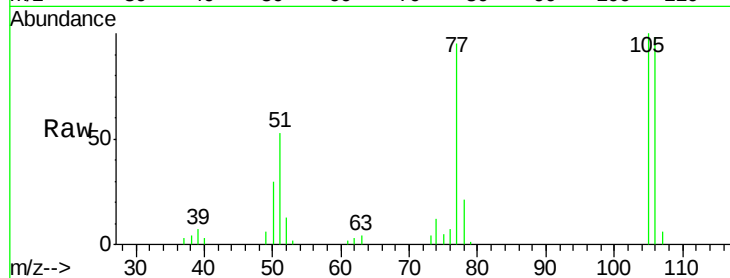
Tot Ion: 77 Resp: 50292

Ion Ratio Lower Upper

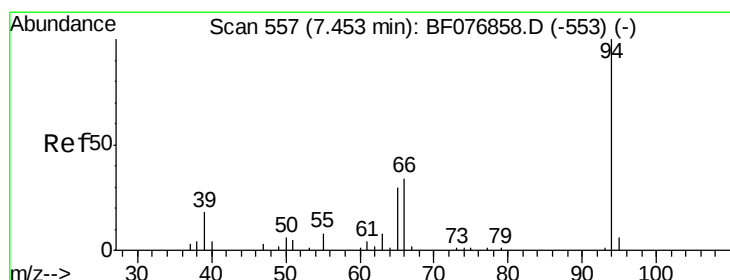
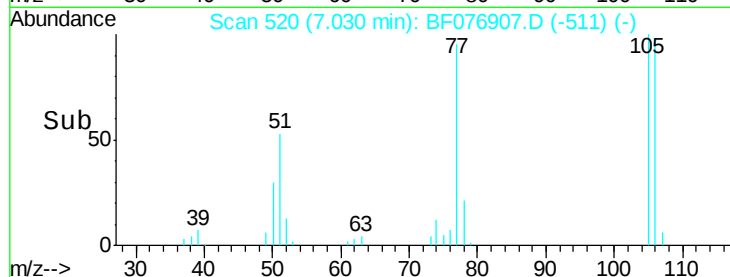
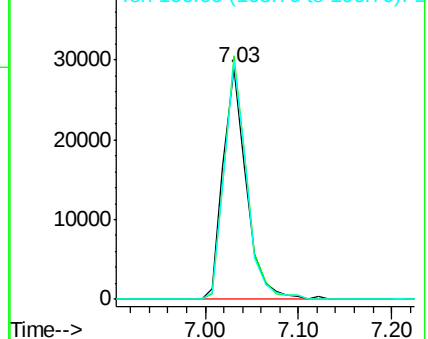
77 100

105 105.5 81.4 121.4

106 103.4 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: 44.36 ng

RT: 7.44 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

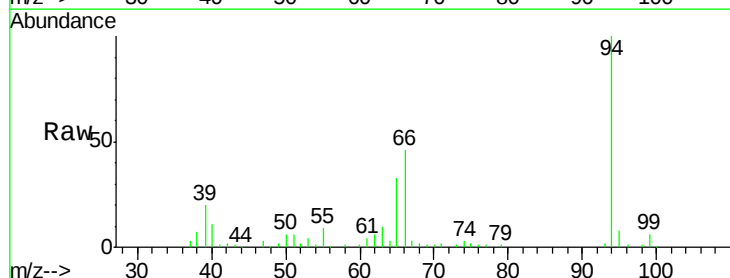
Tgt Ion: 94 Resp: 112843

Ion Ratio Lower Upper

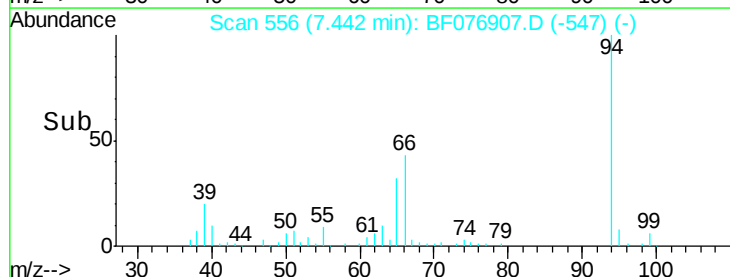
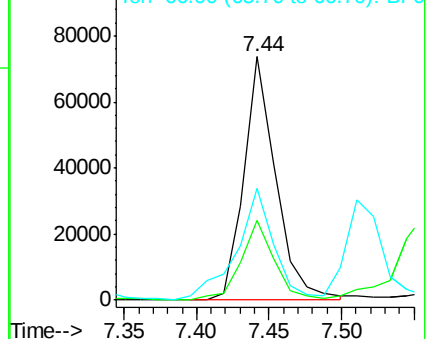
94 100

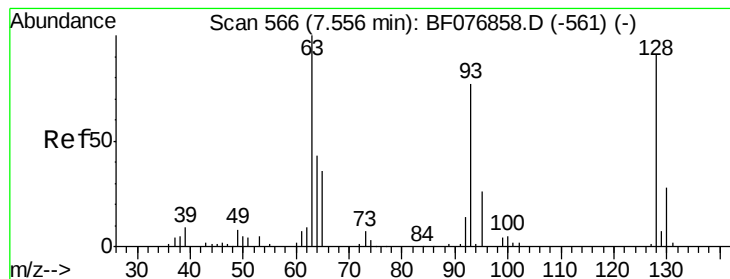
65 32.5 11.3 51.3

66 45.8 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.15 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

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ClientSampleId :

SSTDCCC040EC

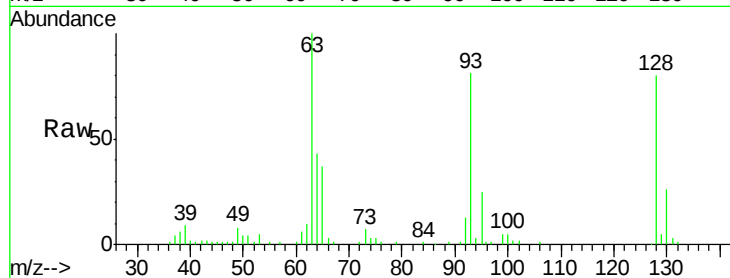
Tot Ion: 93 Resp: 87881

Ion Ratio Lower Upper

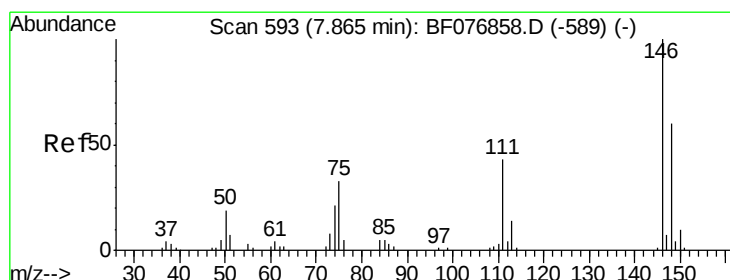
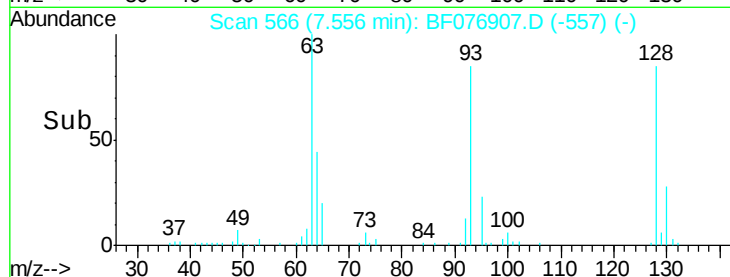
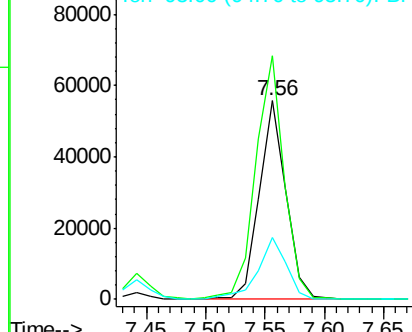
93 100

63 122.8 111.3 151.3

95 31.2 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 44.12 ng

RT: 7.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

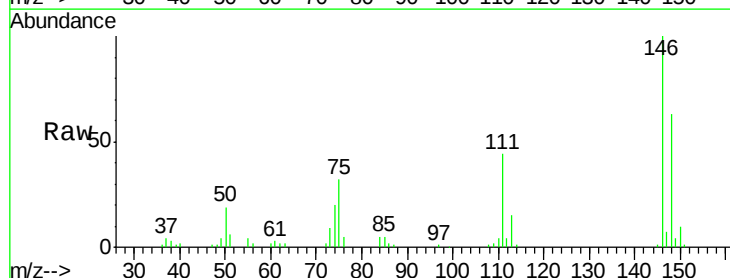
Tgt Ion: 146 Resp: 109888

Ion Ratio Lower Upper

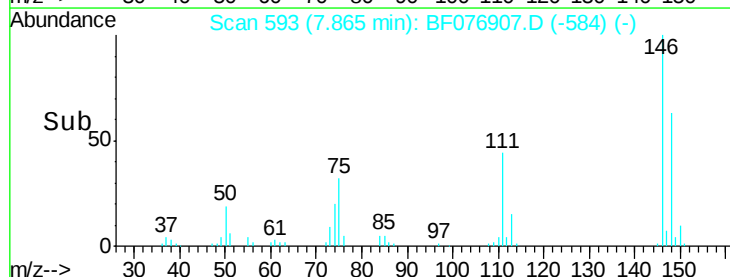
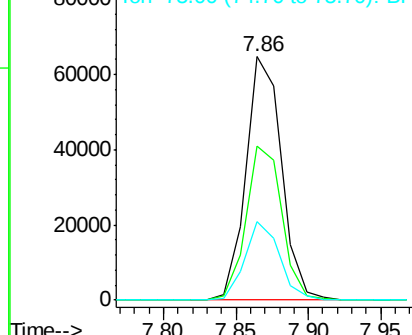
146 100

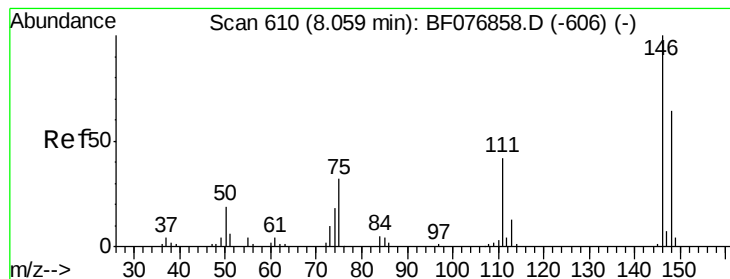
148 63.4 48.1 72.1

75 32.5 26.8 40.2



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





#13

1,4-Dichlorobenzene

Concen: 42.42 ng

RT: 8.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

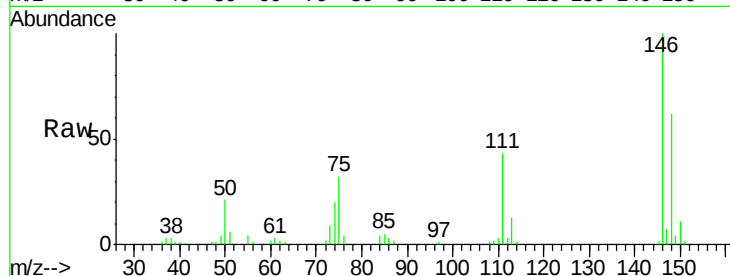
Tot Ion:146 Resp: 112054

Ion Ratio Lower Upper

146 100

148 62.0 51.5 77.3

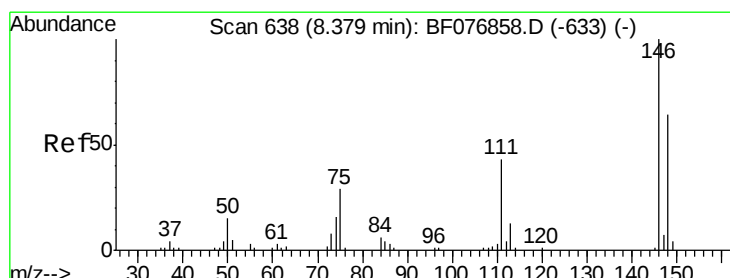
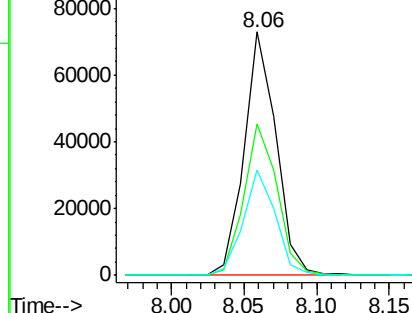
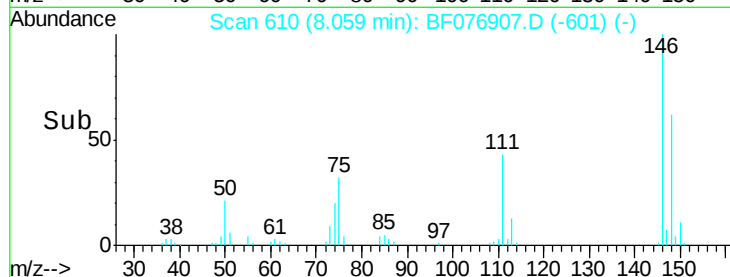
111 43.2 33.9 50.9



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: 43.76 ng

RT: 8.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

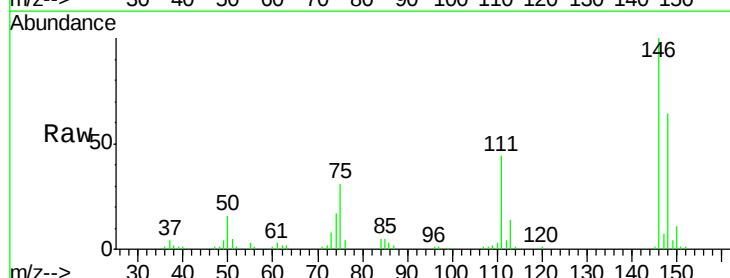
Tgt Ion:146 Resp: 106503

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

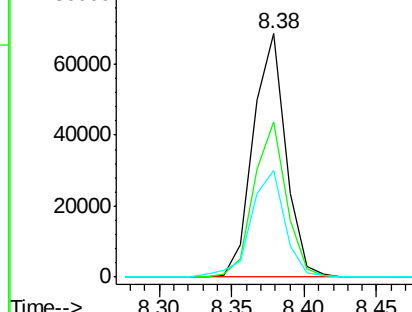
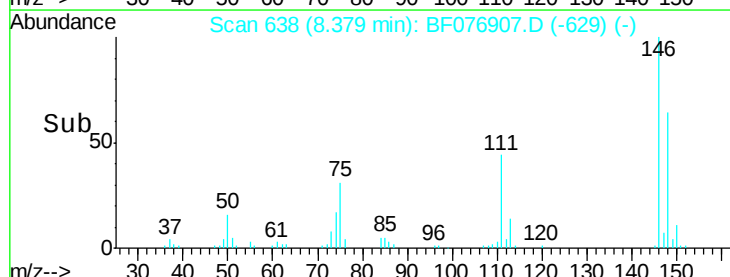
111 43.7 34.5 51.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.49 ng

RT: 8.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

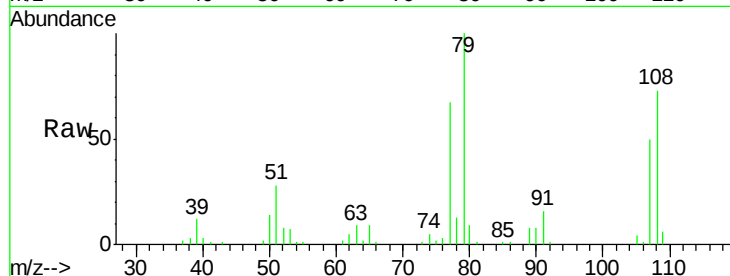
Tot Ion: 79 Resp: 84312

Ion Ratio Lower Upper

79 100

108 73.1 57.2 85.8

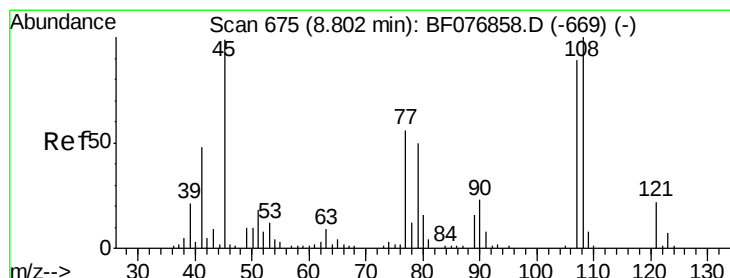
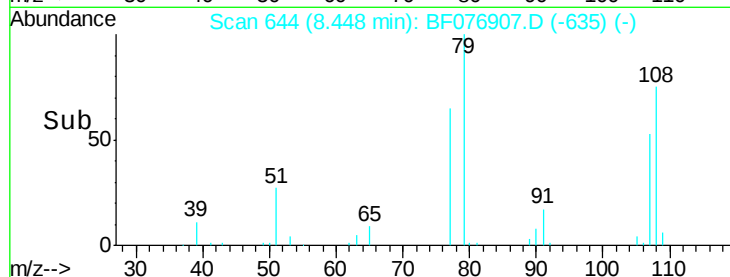
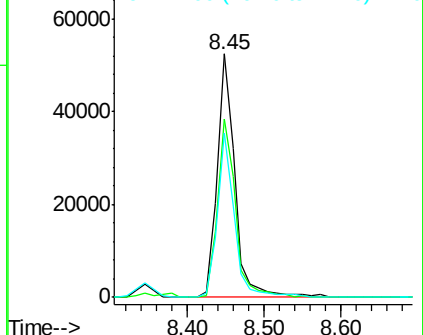
77 67.4 51.2 76.8



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: 40.98 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

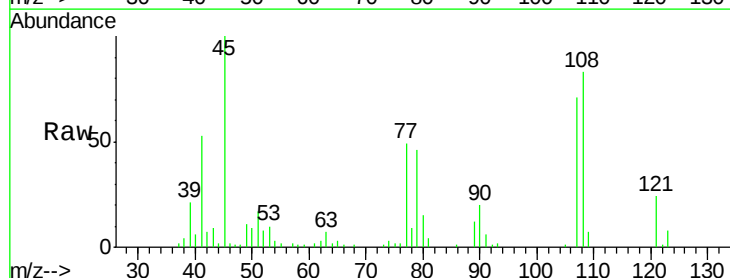
Tgt Ion: 45 Resp: 109651

Ion Ratio Lower Upper

45 100

77 49.2 36.1 76.1

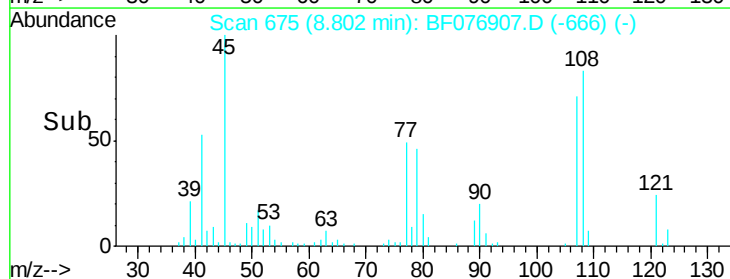
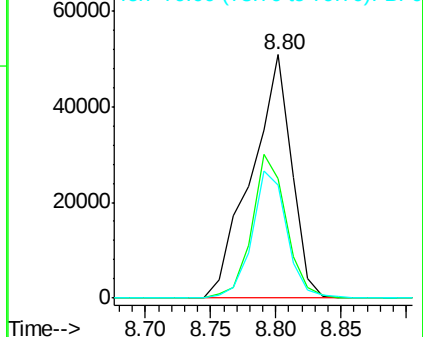
79 46.5 30.5 70.5

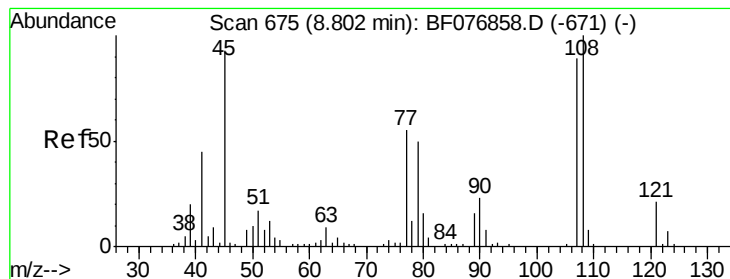


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.52 ng

RT: 8.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 77870

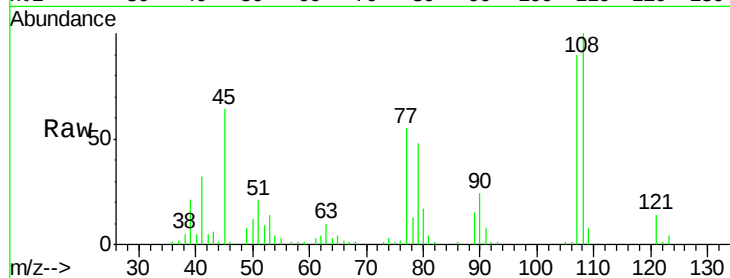
Ion Ratio Lower Upper

107 100

108 111.7 89.7 134.5

77 61.3 50.1 75.1

79 53.9 45.0 67.6

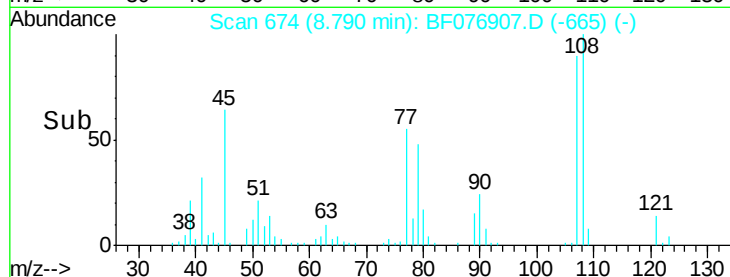


Abundance Ion 107.00 (106.70 to 107.70): E

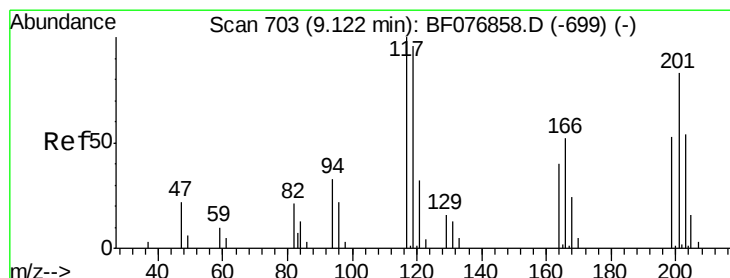
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 44.83 ng

RT: 9.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

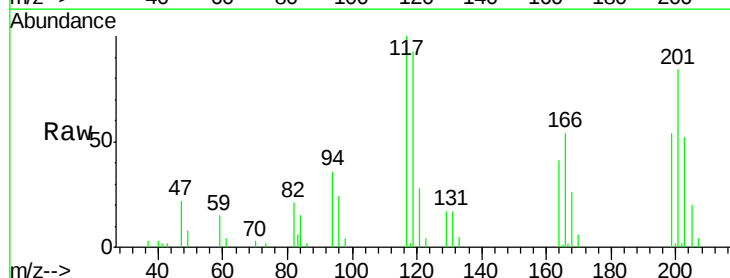
Tgt Ion:117 Resp: 41183

Ion Ratio Lower Upper

117 100

119 93.5 77.1 115.7

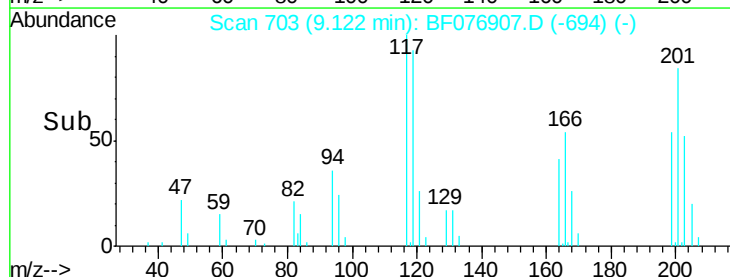
201 83.8 66.8 100.2



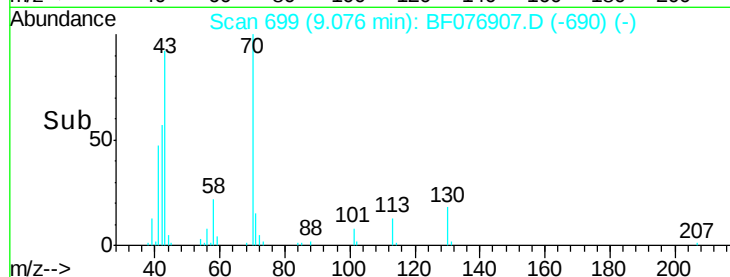
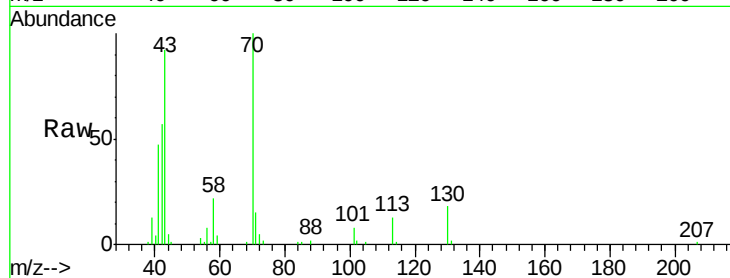
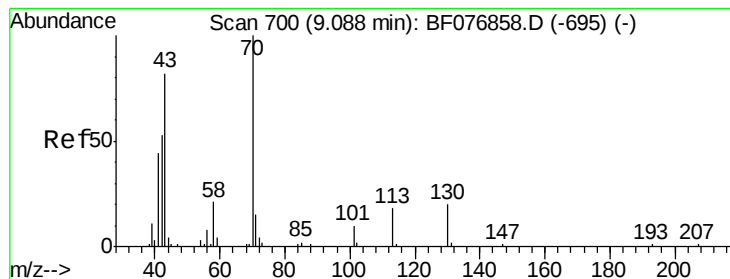
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 41.74 ng

RT: 9.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

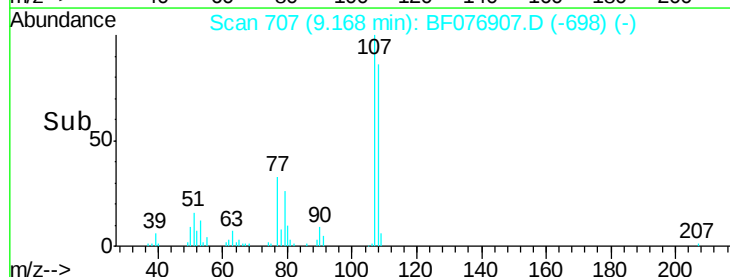
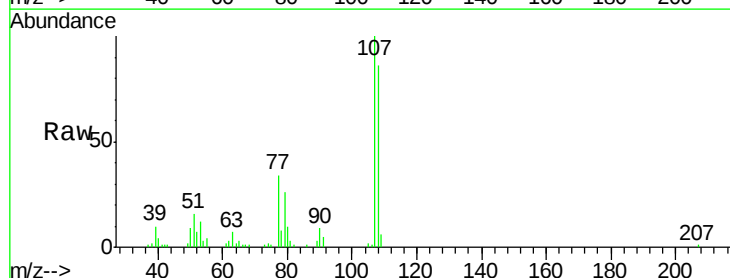
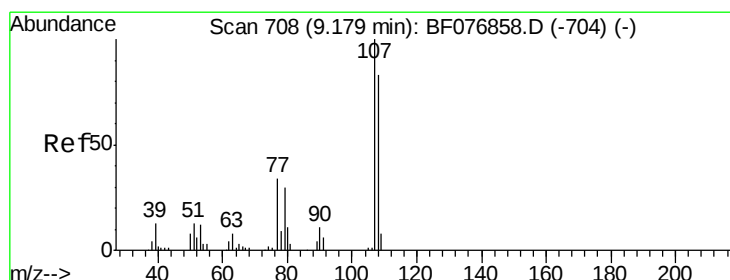
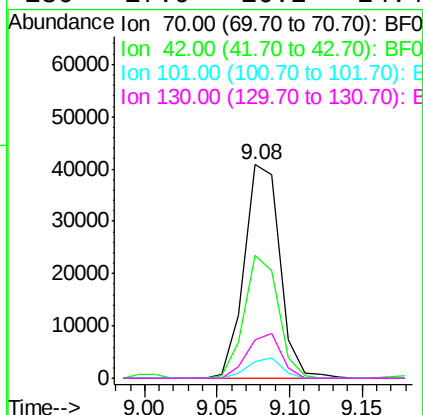
ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 69996

Ion Ratio Lower Upper

70	100		
42	57.4	42.1	63.1
101	7.8	7.8	11.8
130	17.9	16.2	24.4



#20

3+4-Methylphenols

Concen: 42.90 ng

RT: 9.17 min Scan# 707

Delta R.T. 0.00 min

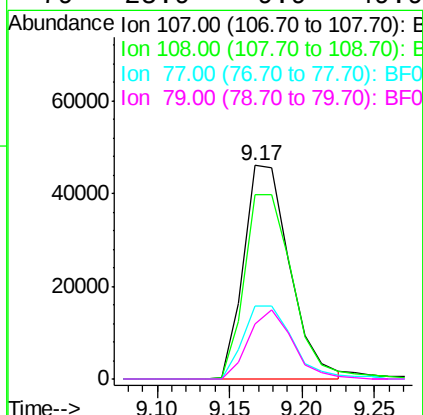
Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Tgt Ion: 107 Resp: 101632

Ion Ratio Lower Upper

107	100		
108	86.1	63.5	103.5
77	34.0	14.0	54.0
79	25.9	9.9	49.9

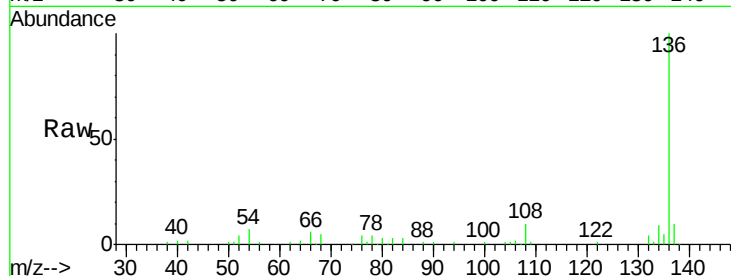




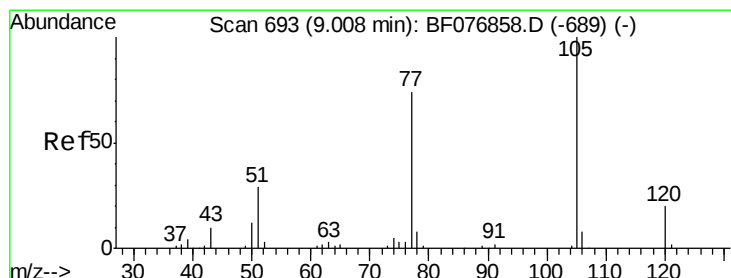
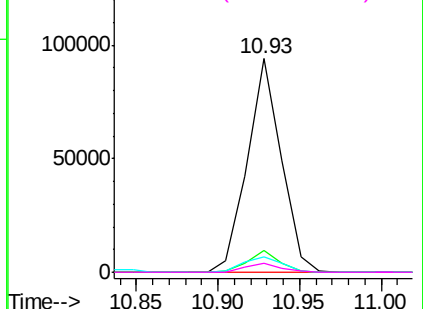
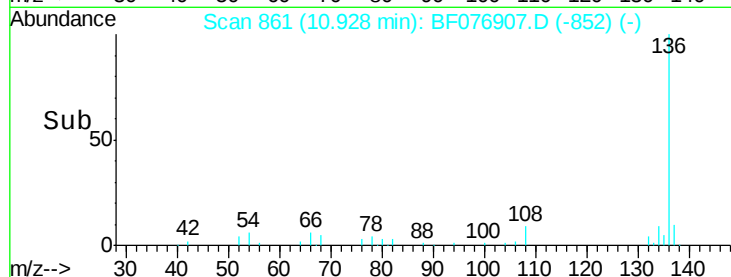
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:136	Resp:	135593
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.1 12.1
54	7.3	7.0 10.4
68	4.5	3.7 5.5

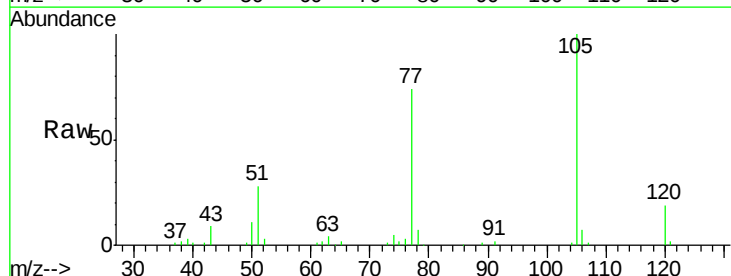


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

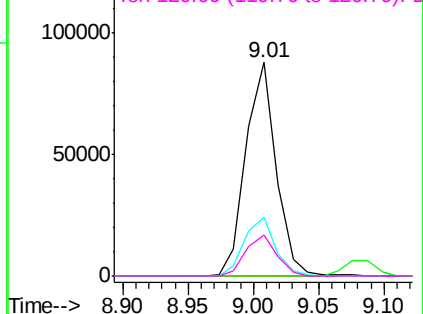
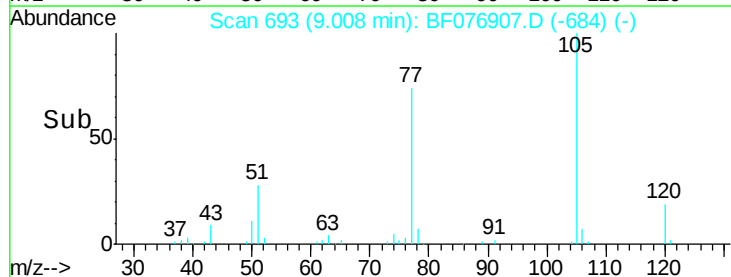


#22
Acetophenone
Concen: 42.86 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion:105	Resp:	142339
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	27.6	23.3 34.9
120	18.9	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

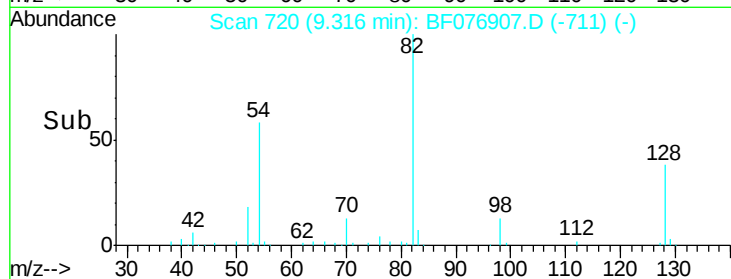
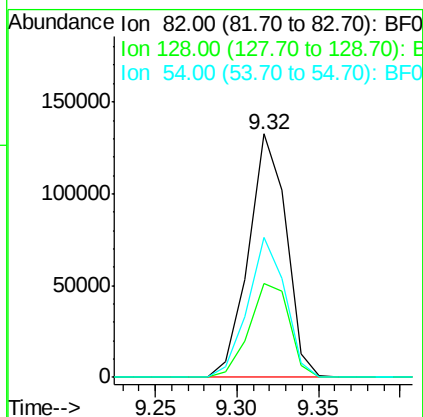
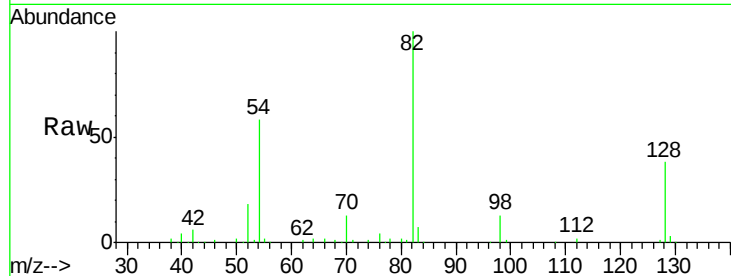




#23
 Nitrobenzene-d5
 Concen: 86.82 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

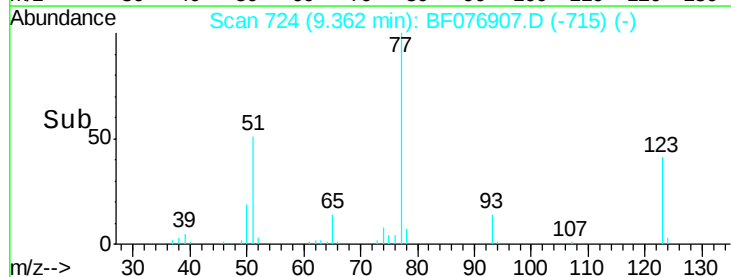
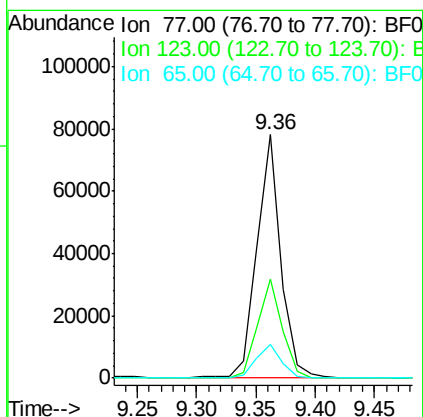
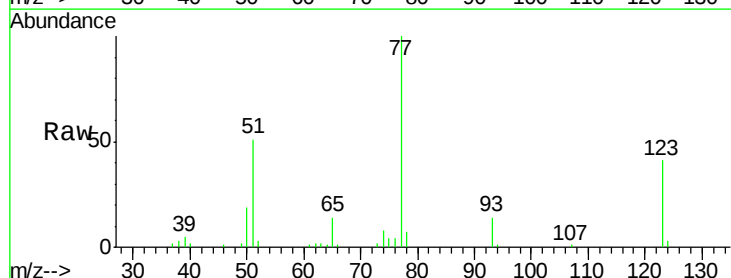
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	82	Resp	212480
Ion Ratio	100	Lower	Upper
128	38.5	33.1	49.7
54	57.6	48.3	72.5



#24
 Nitrobenzene
 Concen: 43.98 ng
 RT: 9.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion	77	Resp	109652
Ion Ratio	100	Lower	Upper
123	40.7	35.2	52.8
65	14.0	11.4	17.2





#25

Isophorone

Concen: 41.39 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

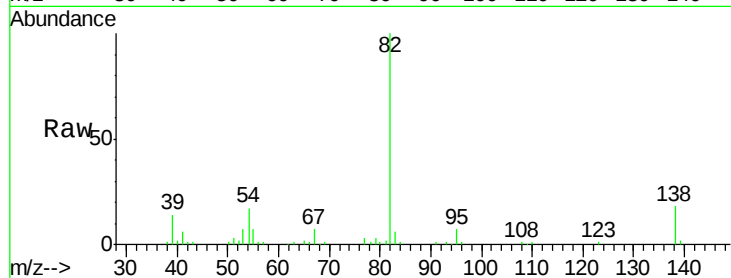
Tot Ion: 82 Resp: 184474

Ion Ratio Lower Upper

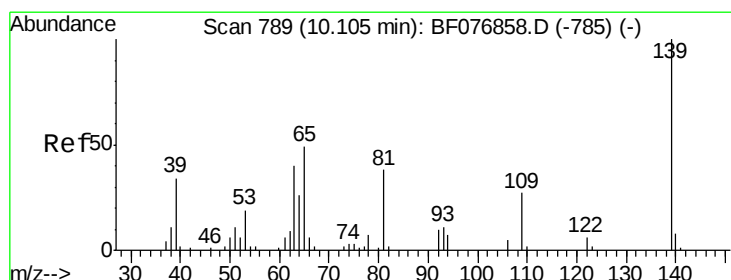
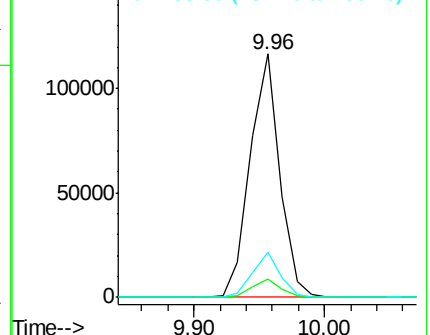
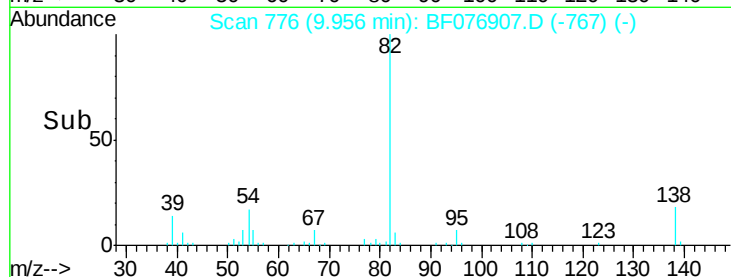
82 100

95 7.5 6.6 10.0

138 18.3 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF076907.D (-767) (-)



#26

2-Nitrophenol

Concen: 41.07 ng

RT: 10.09 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

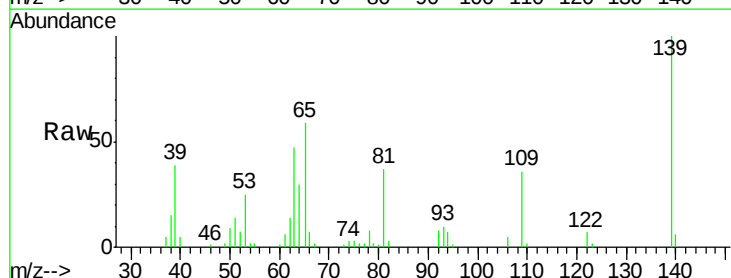
Tgt Ion: 139 Resp: 52094

Ion Ratio Lower Upper

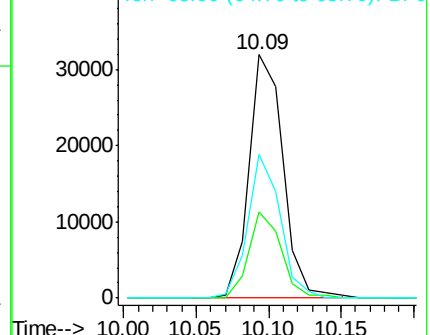
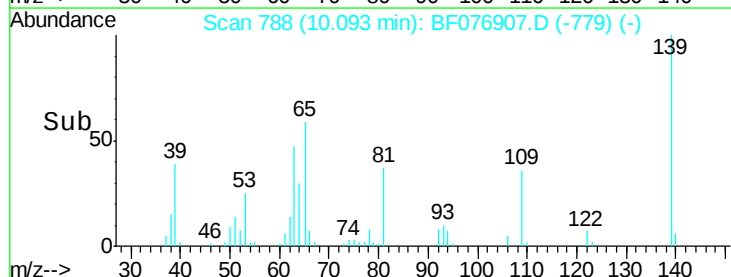
139 100

109 35.5 21.3 31.9#

65 59.1 39.4 59.0#



Abundance Ion 139.00 (138.70 to 139.70): BF076907.D (-779) (-)

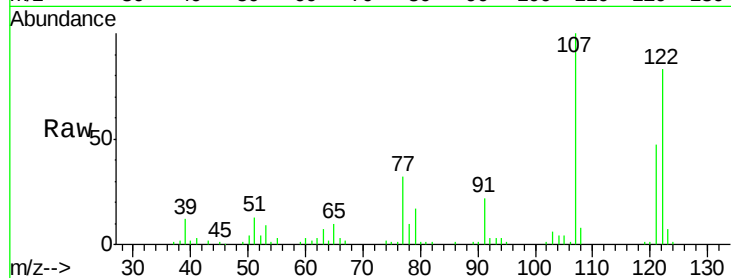




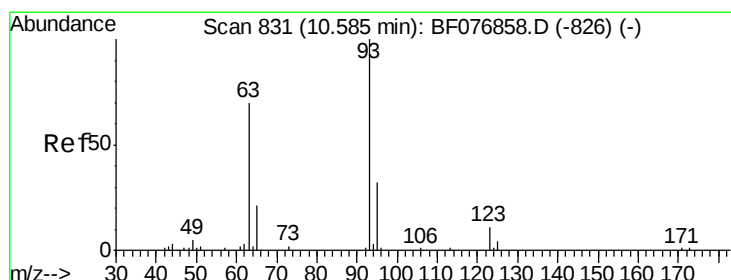
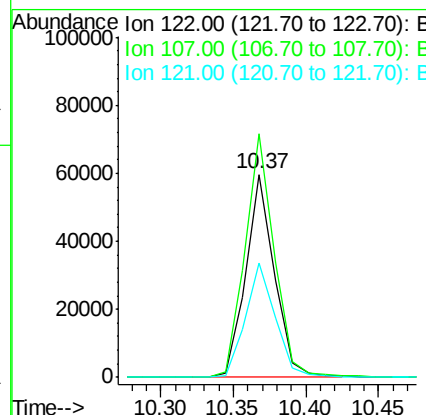
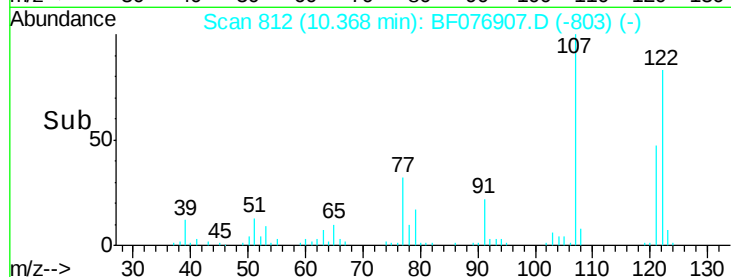
#27
 2,4-Dimethylphenol
 Concen: 42.44 ng
 RT: 10.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:122 Resp: 81818
 Ion Ratio Lower Upper
 122 100
 107 120.0 95.2 142.8
 121 56.4 42.9 64.3

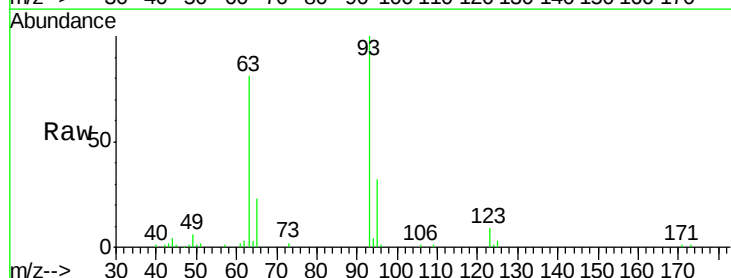


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

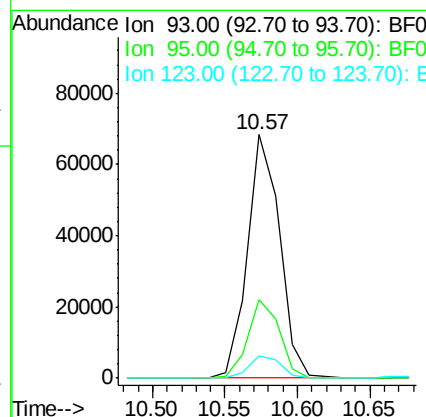
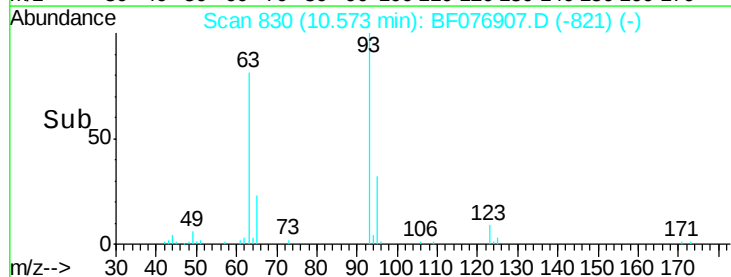


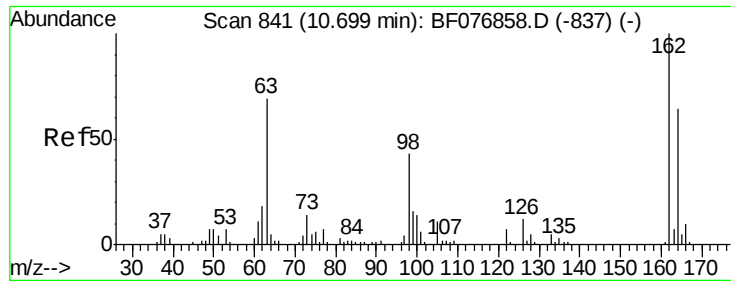
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.47 ng
 RT: 10.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion: 93 Resp: 105069
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.6 38.4
 123 9.3 8.9 13.3



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

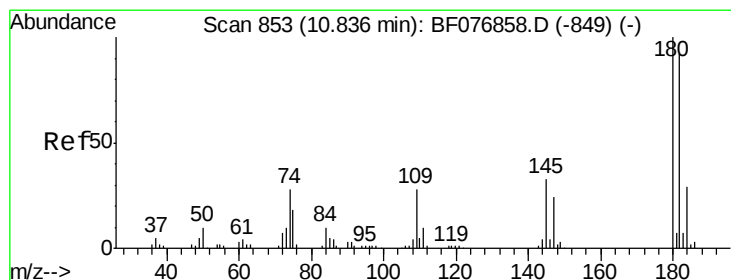
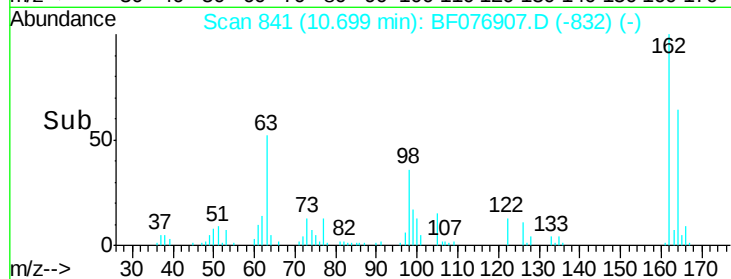
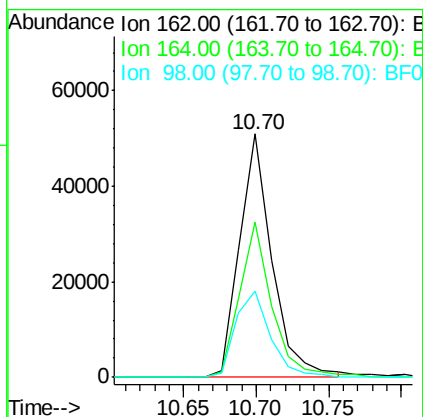
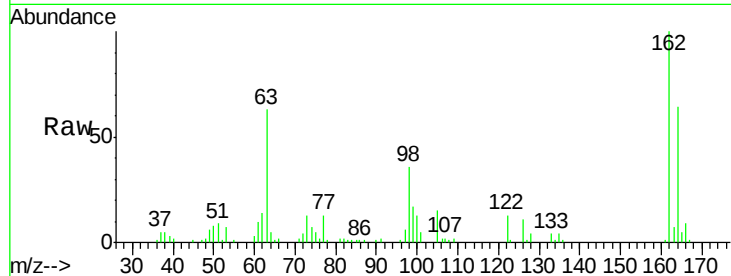




#29
 2,4-Dichlorophenol
 Concen: 44.14 ng
 RT: 10.70 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

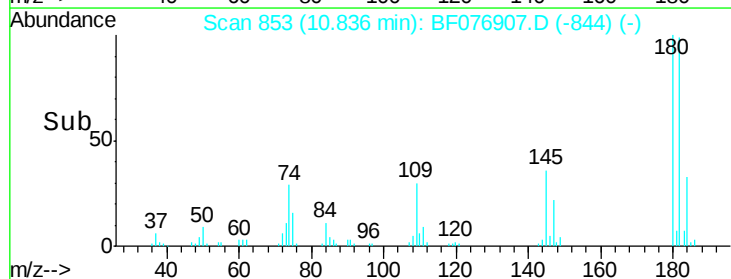
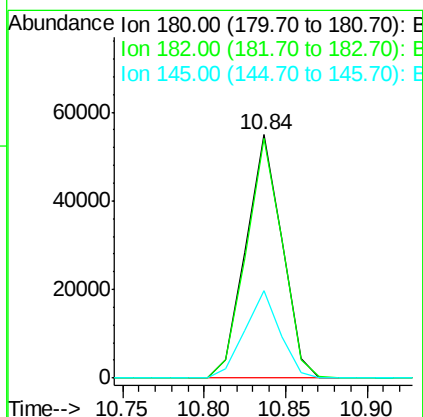
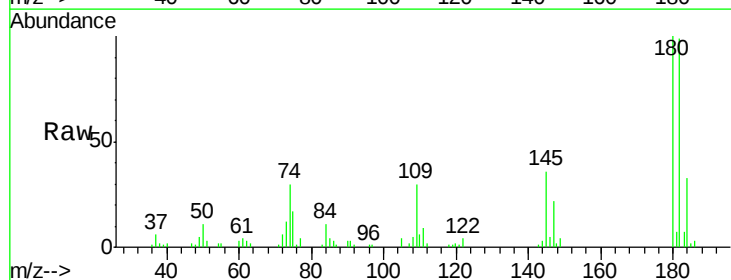
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 79327
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.8 83.8
 98 35.5 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 42.36 ng
 RT: 10.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion:180 Resp: 84539
 Ion Ratio Lower Upper
 180 100
 182 98.7 73.6 110.4
 145 35.8 26.6 39.8

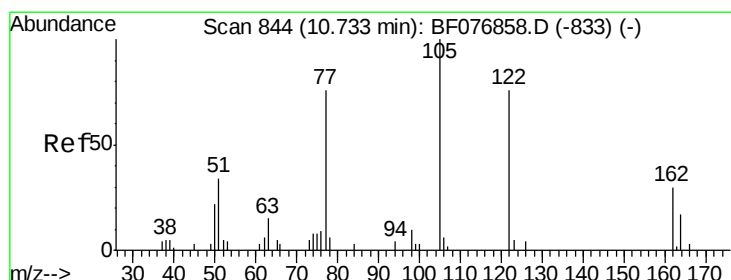
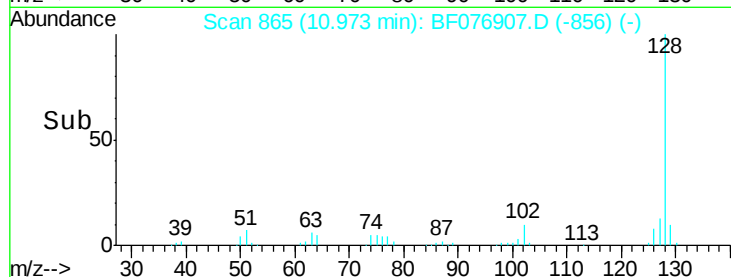
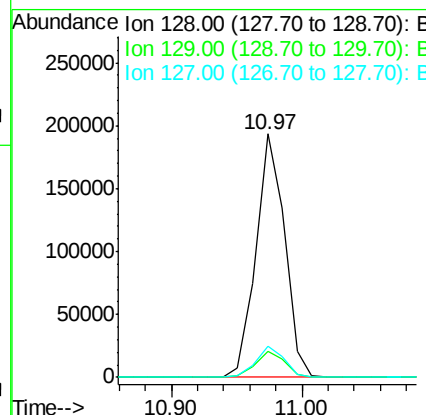
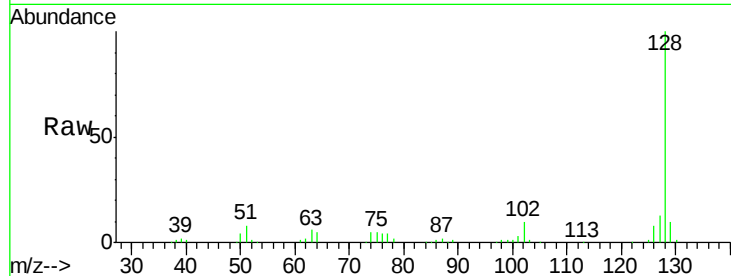




#31
Naphthalene
Concen: 42.43 ng
RT: 10.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

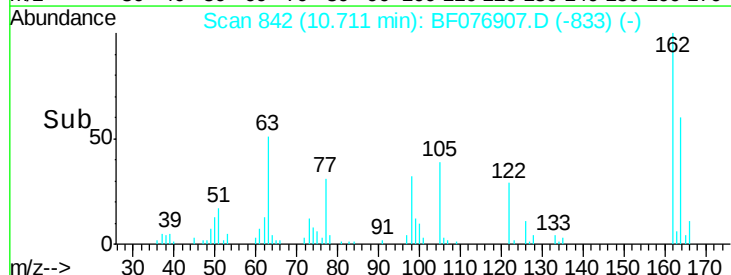
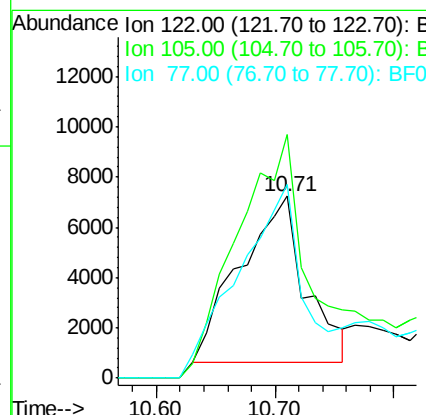
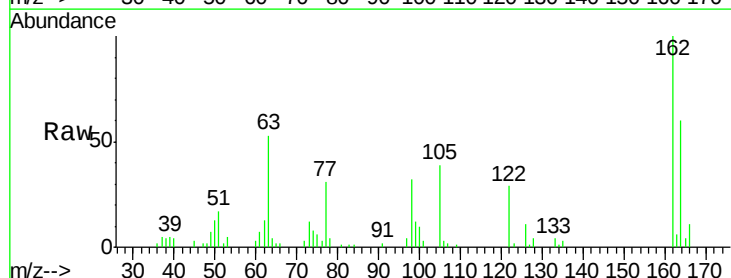
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

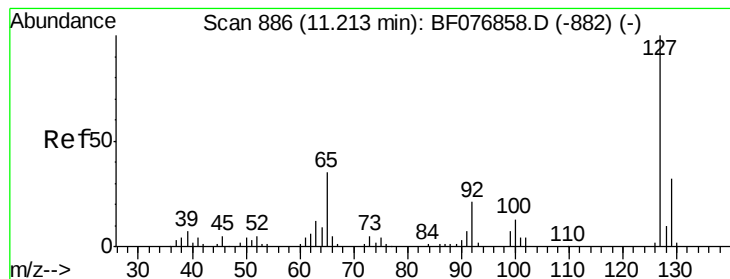
Tot Ion:128 Resp: 296172
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.0 10.2 15.2



#32
Benzoic acid
Concen: 24.08 ng
RT: 10.71 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion:122 Resp: 25717
Ion Ratio Lower Upper
122 100
105 134.1 111.3 151.3
77 106.5 79.2 119.2





#33

4-Chloroaniline

Concen: 42.14 ng

RT: 11.21 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 118879

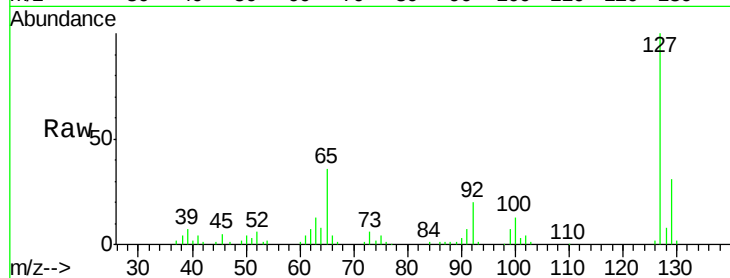
Ion Ratio Lower Upper

127 100

129 31.4 25.3 37.9

65 35.6 27.8 41.6

92 19.7 16.5 24.7

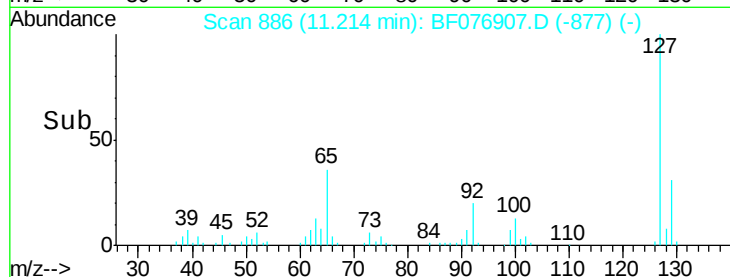


Abundance Ion 127.00 (126.70 to 127.70): E

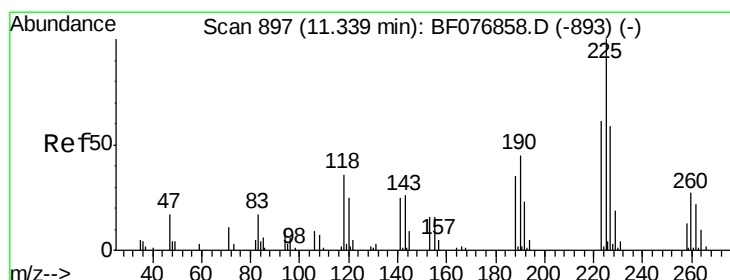
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 41.65 ng

RT: 11.34 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

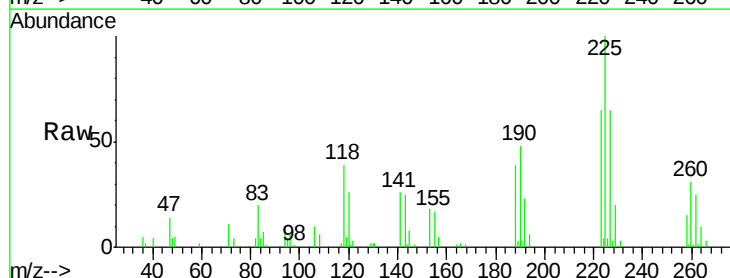
Tgt Ion:225 Resp: 49322

Ion Ratio Lower Upper

225 100

223 64.9 49.1 73.7

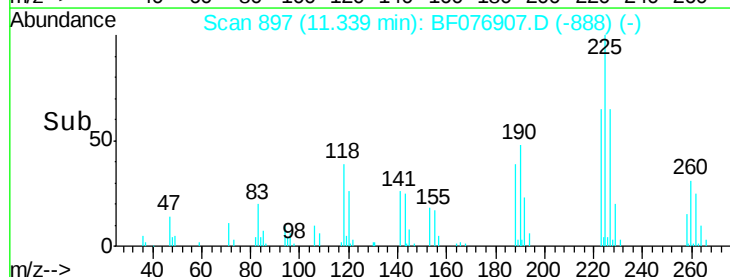
227 65.2 47.5 71.3



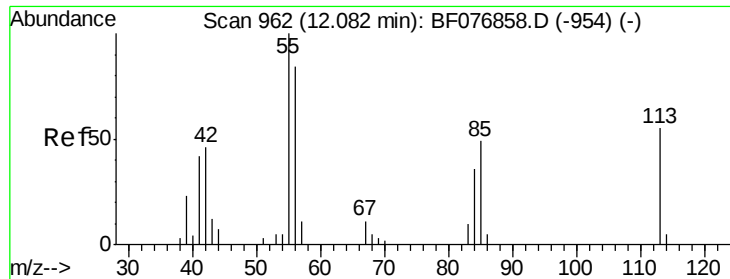
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



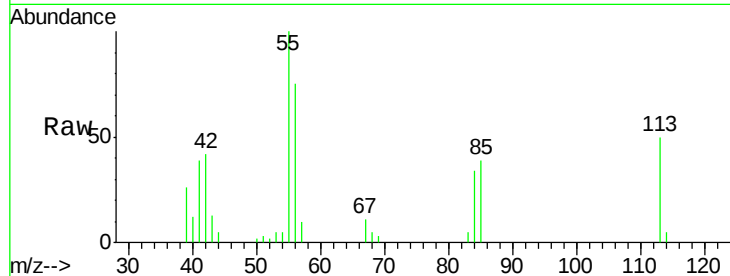
Time-->



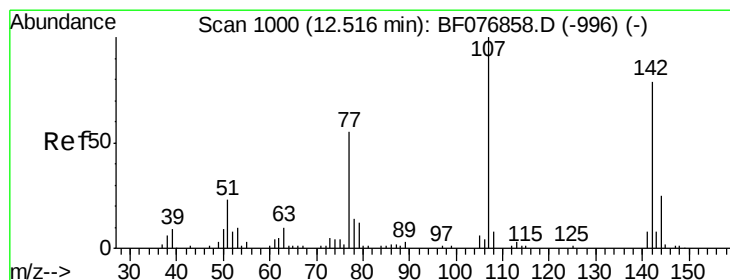
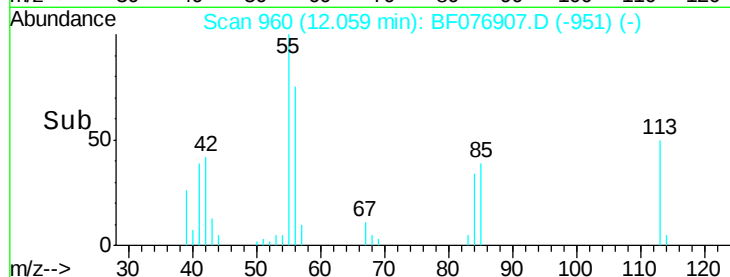
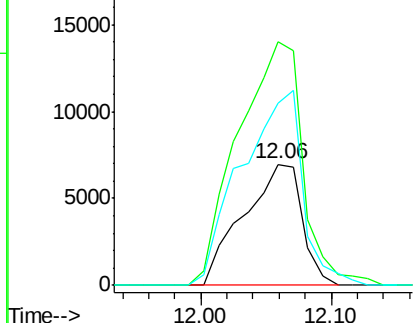
#35
 Caprolactam
 Concen: 41.32 ng
 RT: 12.06 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 21859
 Ion Ratio Lower Upper
 113 100
 55 200.9 162.1 202.1
 56 149.9 133.7 173.7

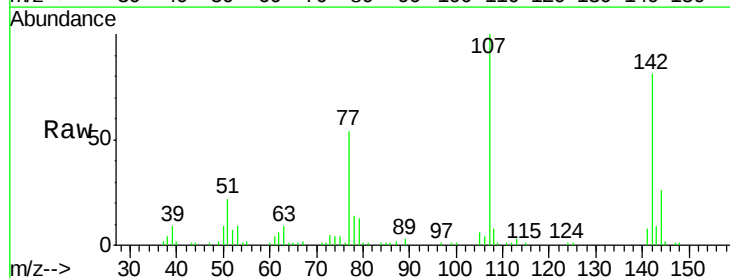


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

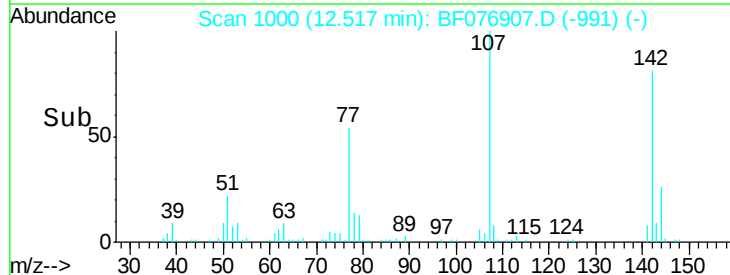
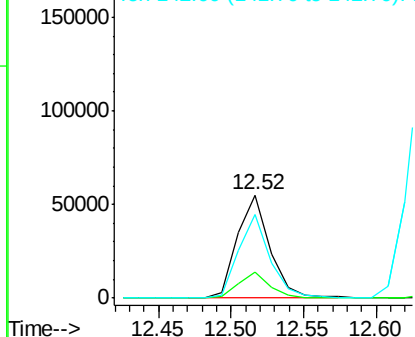


#36
 4-Chloro-3-methylphenol
 Concen: 41.87 ng
 RT: 12.52 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion:107 Resp: 86145
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.0 30.0
 142 80.7 63.5 95.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

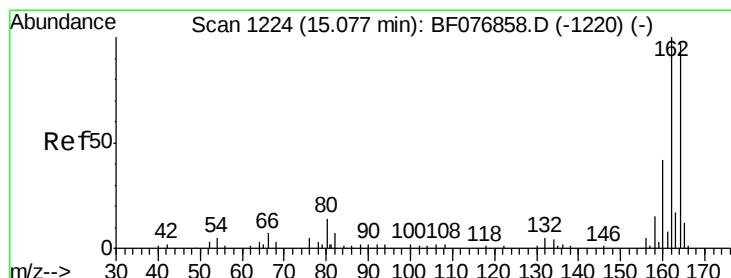
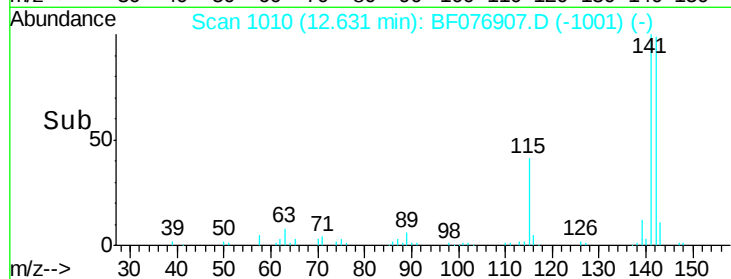
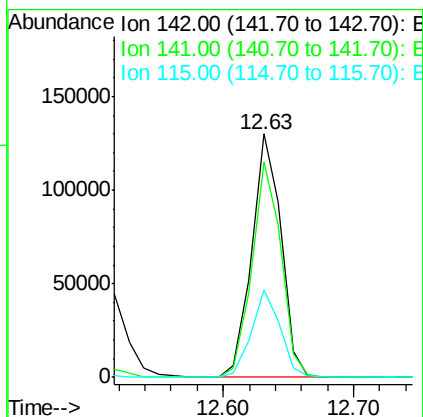
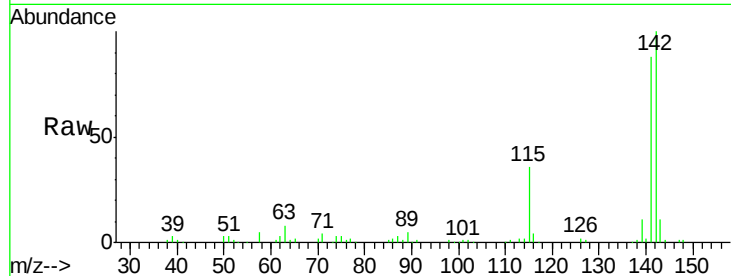




#37
2-Methylnaphthalene
Concen: 42.89 ng
RT: 12.63 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

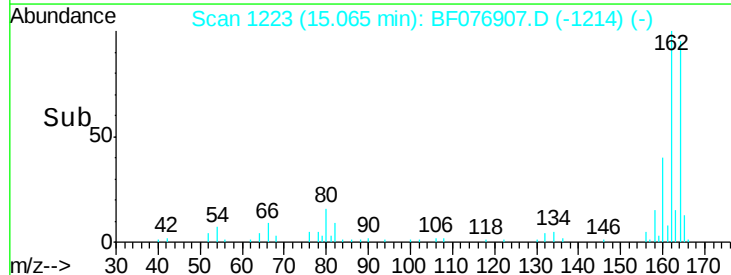
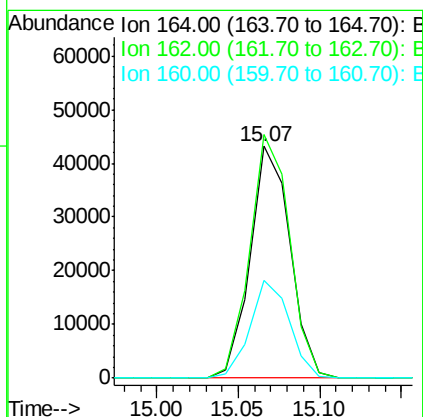
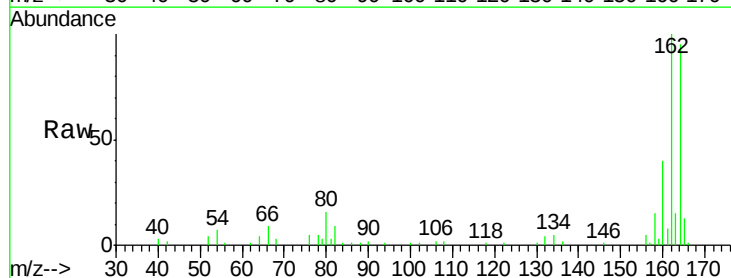
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

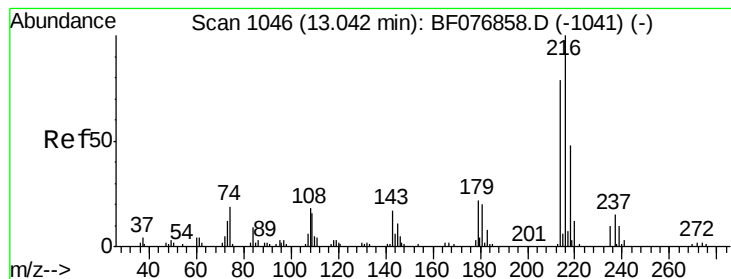
Tot Ion:142 Resp: 204451
Ion Ratio Lower Upper
142 100
141 88.4 74.5 111.7
115 36.2 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion:164 Resp: 73001
Ion Ratio Lower Upper
164 100
162 105.1 82.4 123.6
160 42.3 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.14 ng

RT: 13.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 74260

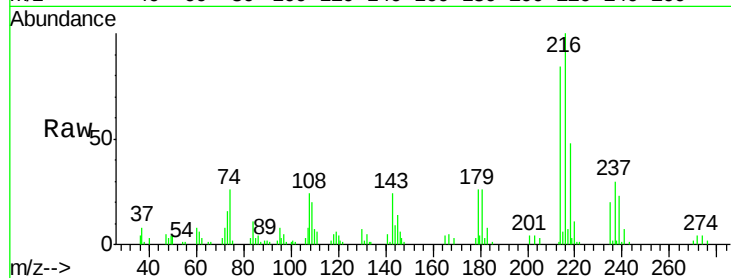
Ion Ratio Lower Upper

216 100

214 81.1 64.9 97.3

179 24.2 18.6 28.0

108 21.9 18.1 27.1

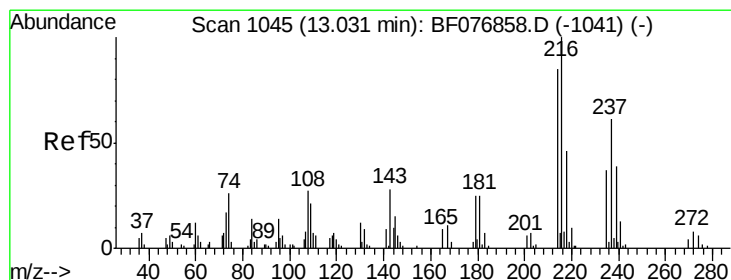
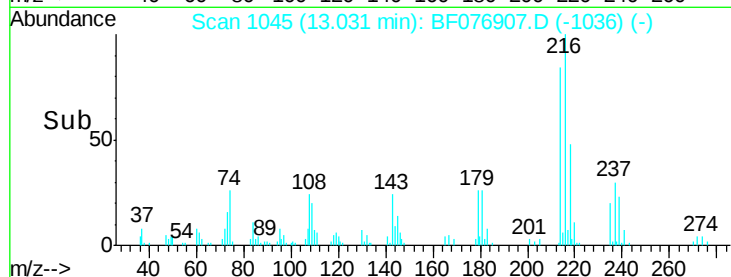
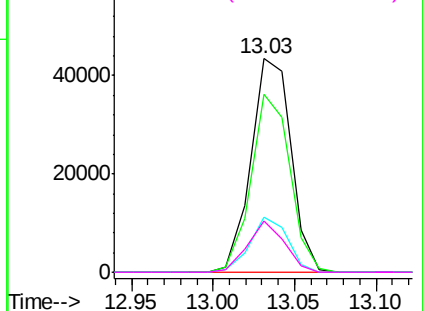


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 28.35 ng

RT: 13.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

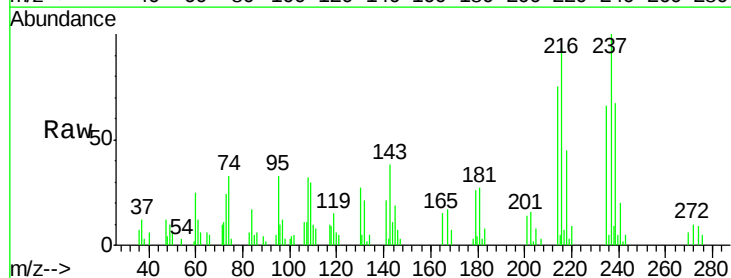
Tgt Ion:237 Resp: 24502

Ion Ratio Lower Upper

237 100

235 65.7 40.4 80.4

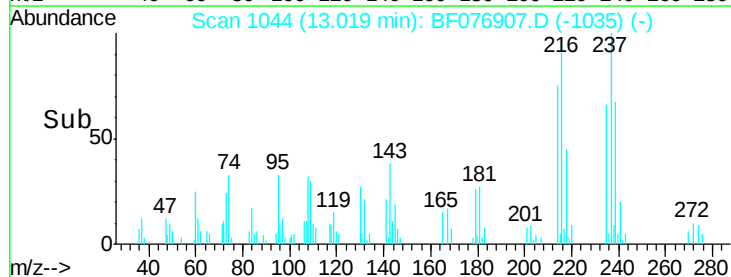
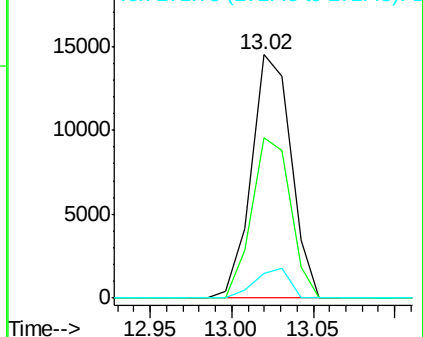
272 10.1 0.0 33.2

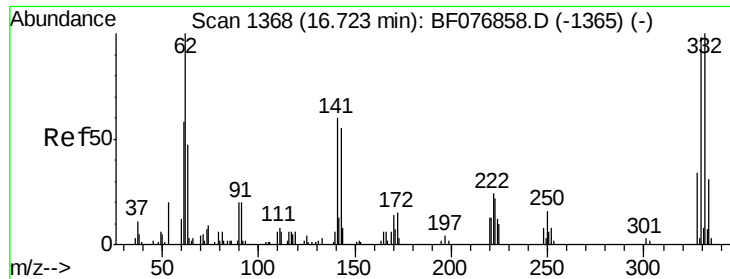


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

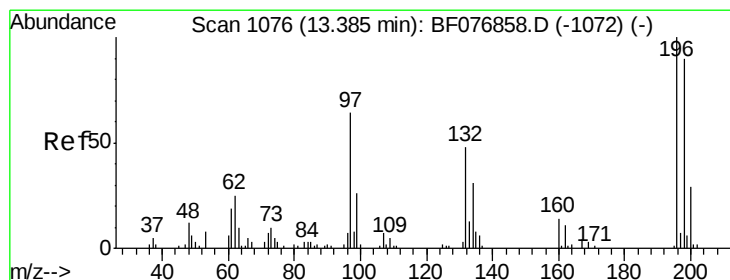
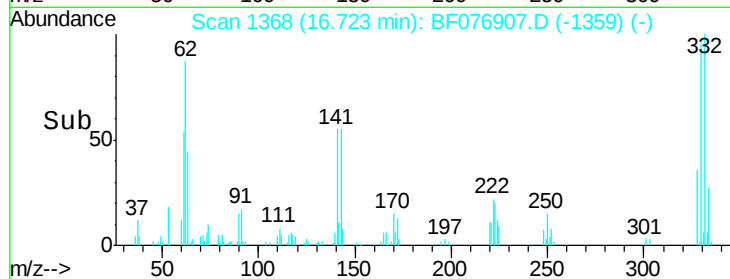
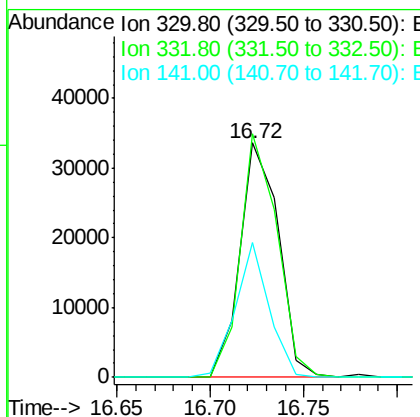
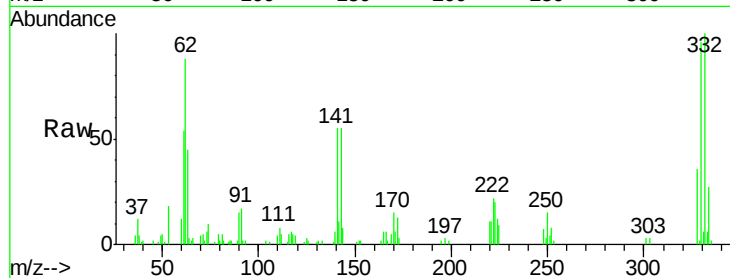




#41
 2,4,6-Tribromophenol
 Concen: 81.35 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

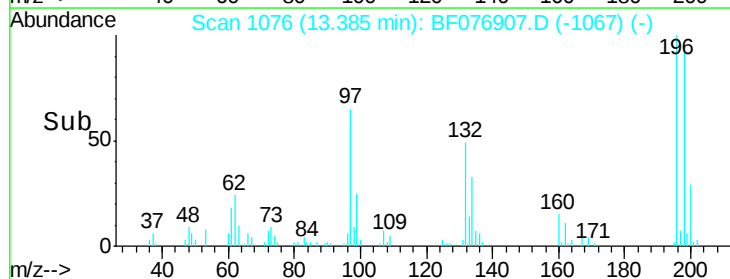
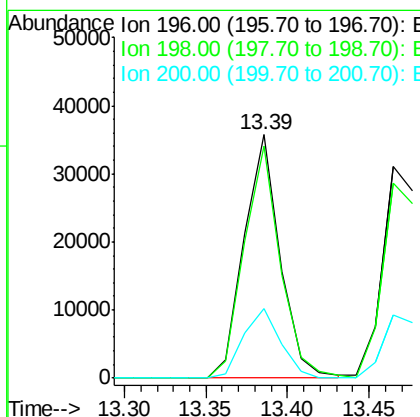
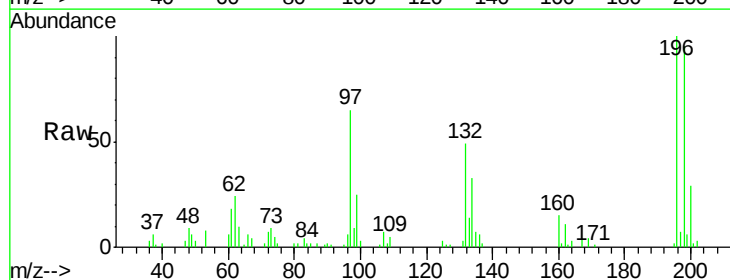
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 48206
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.8 116.6
 141 51.0 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 41.50 ng
 RT: 13.39 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion:196 Resp: 54577
 Ion Ratio Lower Upper
 196 100
 198 95.3 72.0 108.0
 200 28.6 23.4 35.2

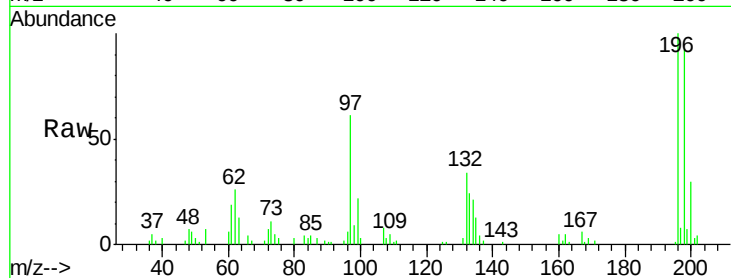




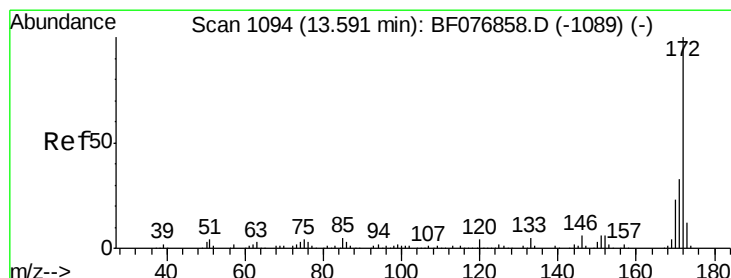
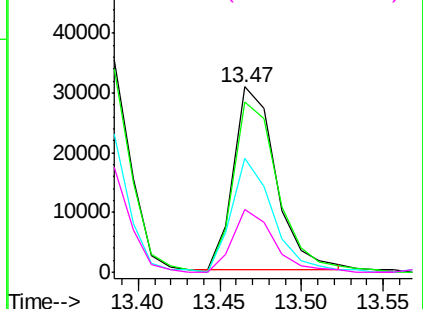
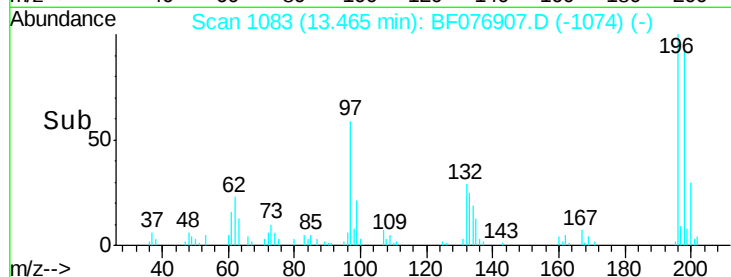
#43
 2,4,5-Trichlorophenol
 Concen: 41.21 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 55268
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.6 115.0
 97 61.5 43.4 65.0
 132 34.0 23.7 35.5

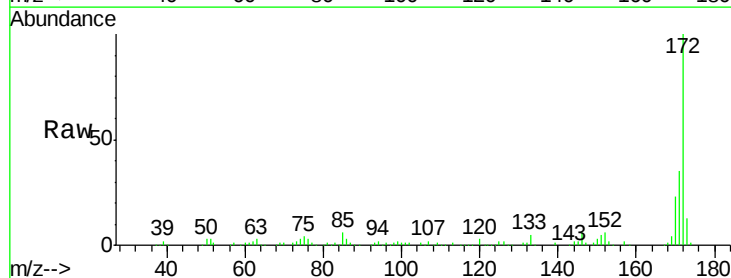


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

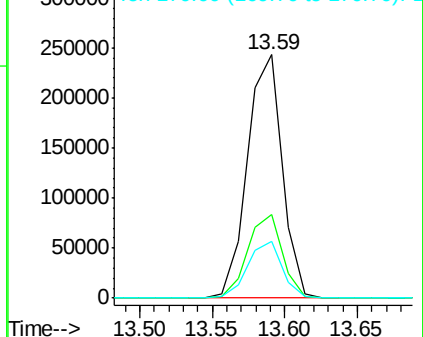
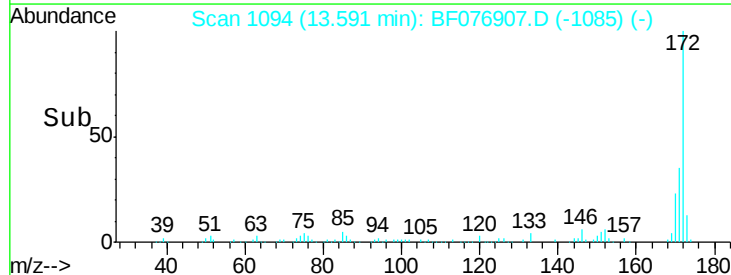


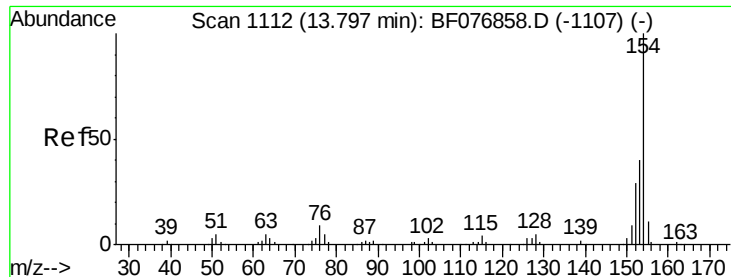
#44
 2-Fluorobiphenyl
 Concen: 84.28 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion:172 Resp: 404286
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.6 40.0
 170 23.4 18.0 27.0



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

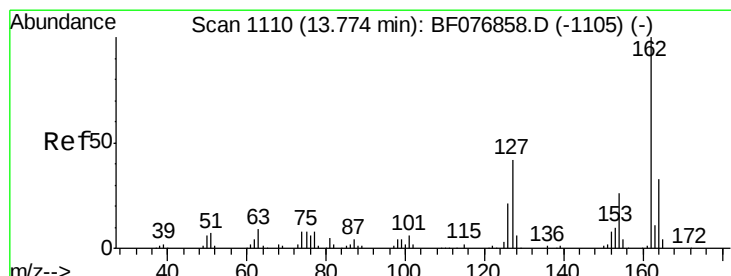
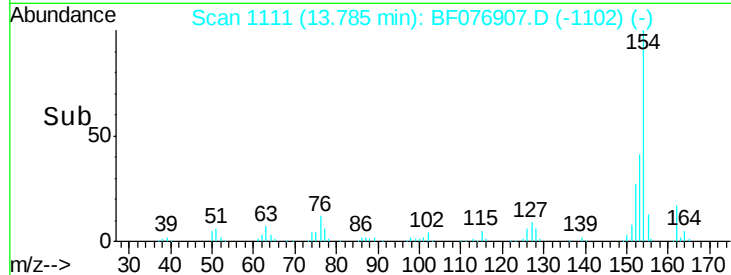
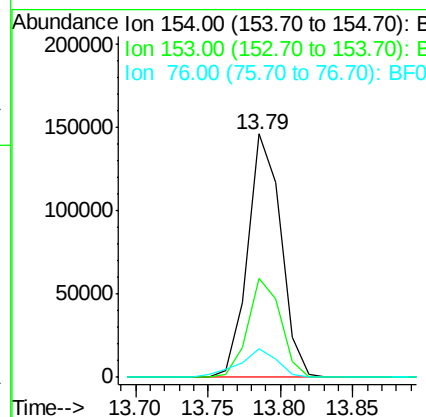
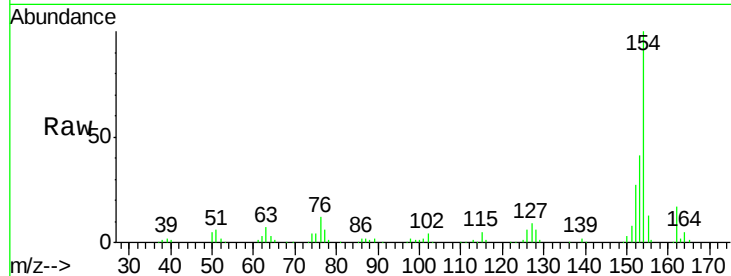




#45
 1,1'-Biphenyl
 Concen: 42.98 ng
 RT: 13.79 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

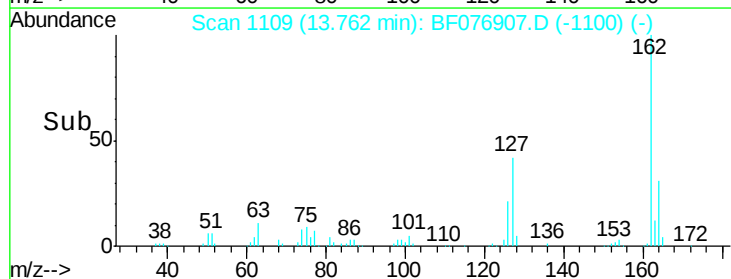
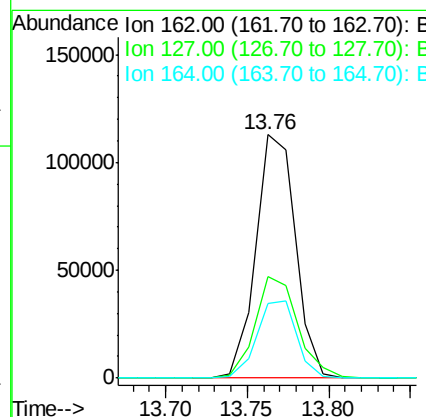
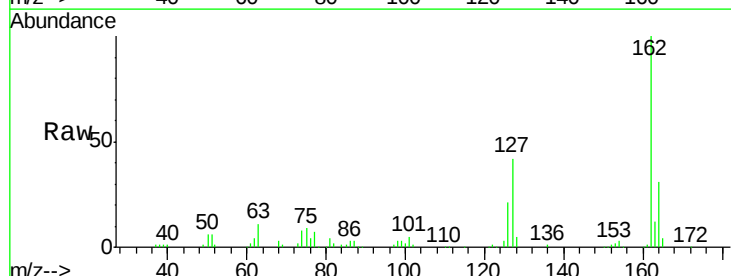
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 232611
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.2 60.2
 76 11.6 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 42.89 ng
 RT: 13.76 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion:162 Resp: 191022
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.8 50.6
 164 30.7 26.8 40.2

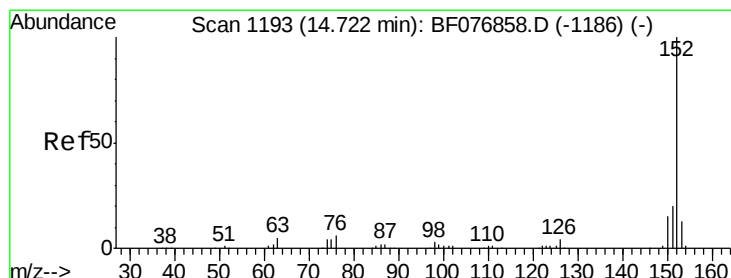
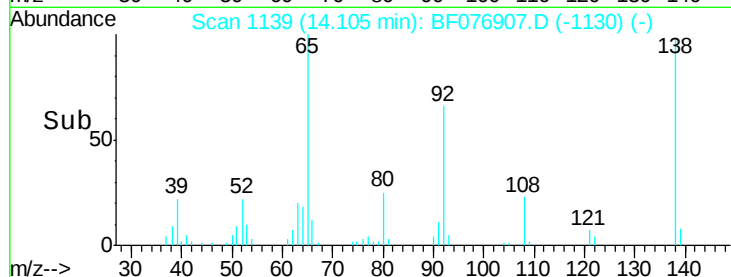
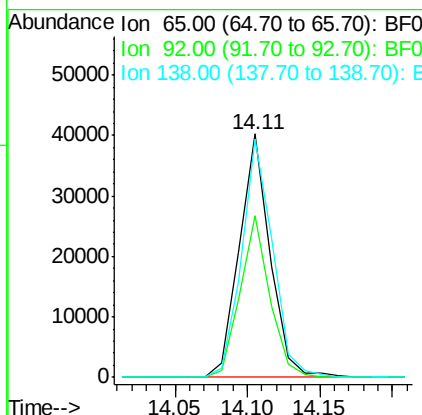
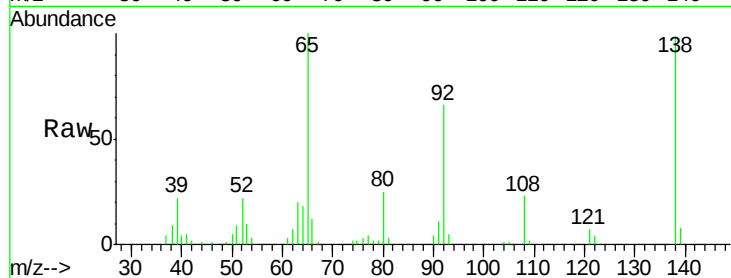




#47
2-Nitroaniline
Concen: 43.83 ng
RT: 14.11 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

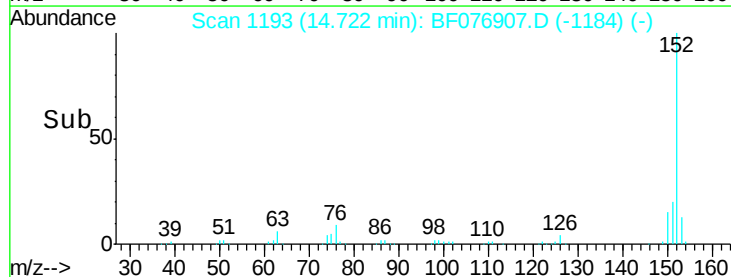
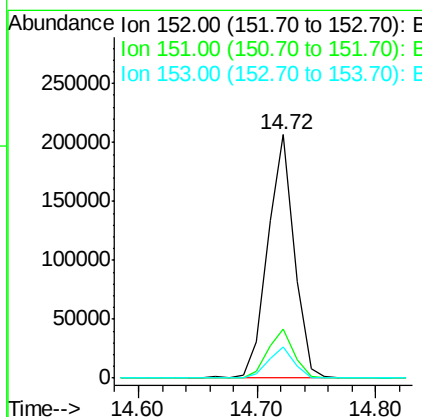
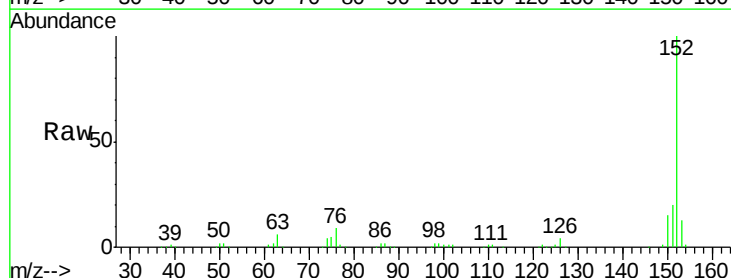
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 65 Resp: 59212
Ion Ratio Lower Upper
65 100
92 66.4 47.3 70.9
138 98.0 71.4 107.2



#48
Acenaphthylene
Concen: 42.79 ng
RT: 14.72 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion: 152 Resp: 321411
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 12.7 10.2 15.4





#49

Dimethylphthalate

Concen: 41.65 ng

RT: 14.67 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

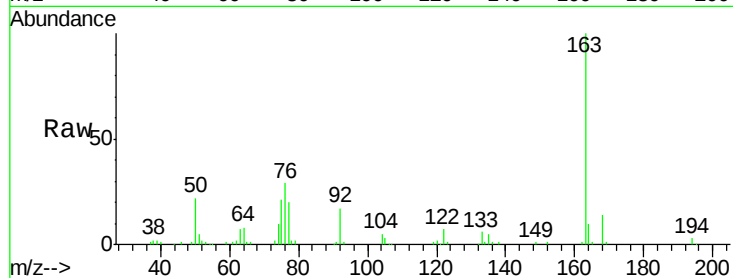
Tot Ion:163 Resp: 215628

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

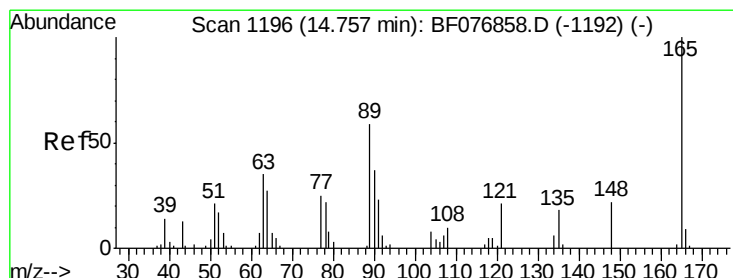
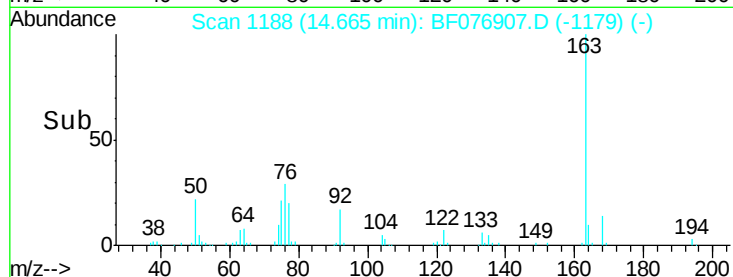
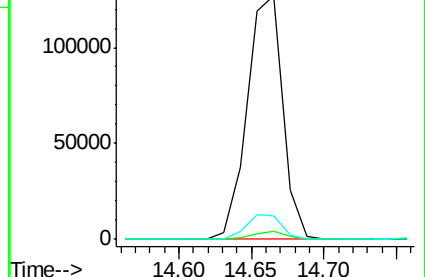
164 9.6 7.5 11.3



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: 43.39 ng

RT: 14.76 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

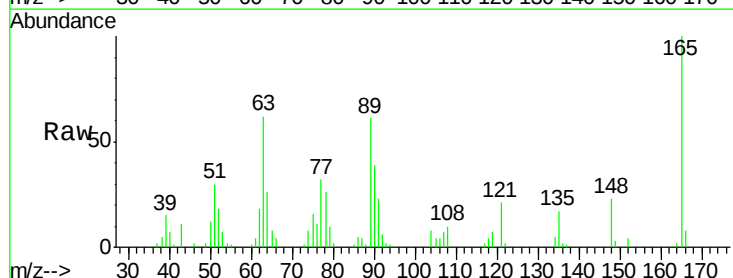
Tgt Ion:165 Resp: 44878

Ion Ratio Lower Upper

165 100

63 62.0 48.1 72.1

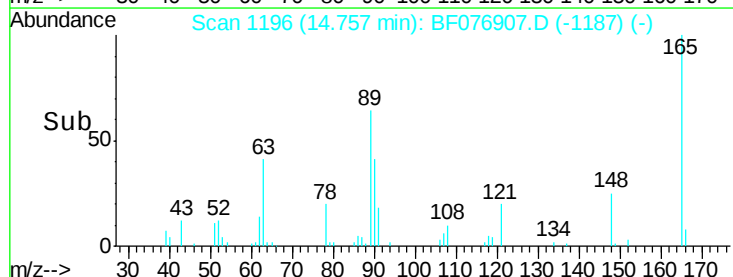
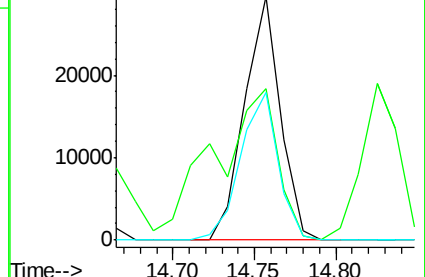
89 60.8 47.2 70.8

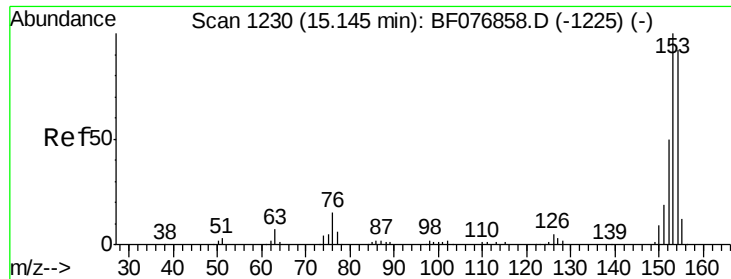


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.44 ng

RT: 15.15 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

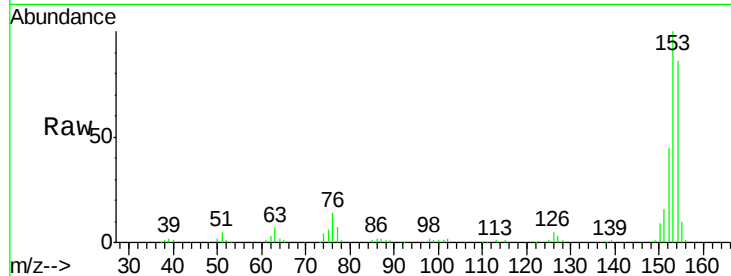
Tot Ion:154 Resp: 176634

Ion Ratio Lower Upper

154 100

153 115.9 87.0 130.6

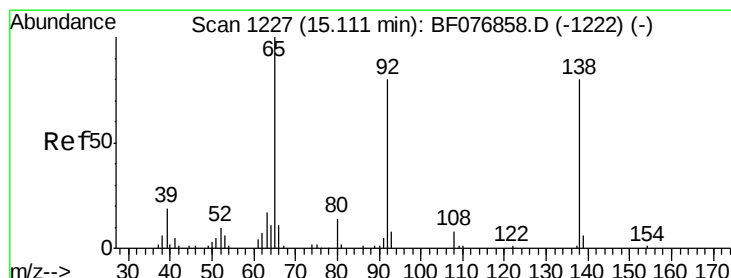
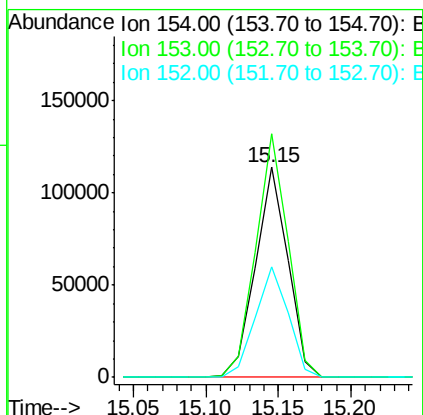
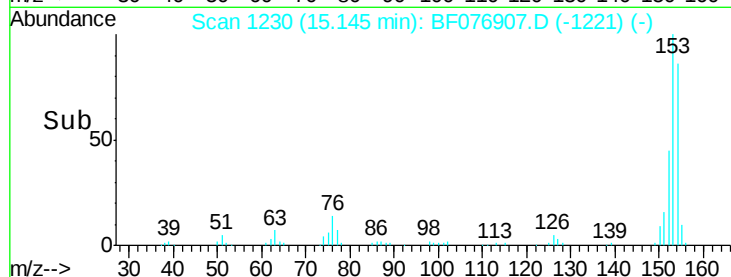
152 52.7 43.5 65.3



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: 41.82 ng

RT: 15.10 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

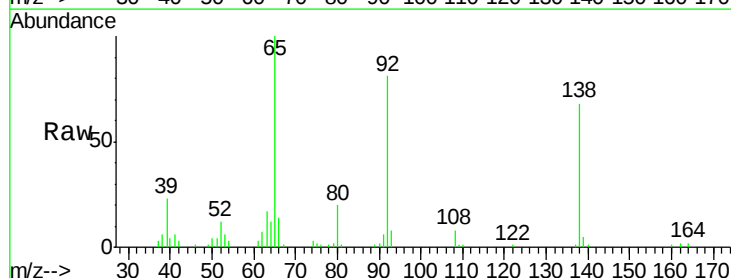
Tgt Ion:138 Resp: 56155

Ion Ratio Lower Upper

138 100

108 11.1 8.3 12.5

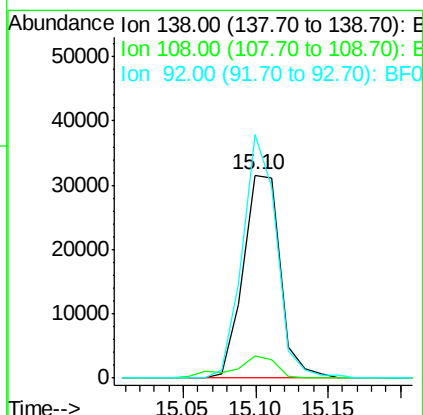
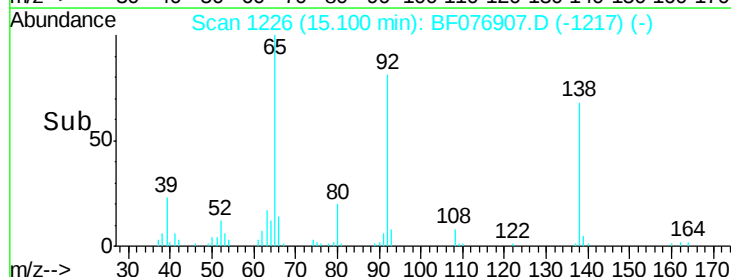
92 119.8 80.9 121.3

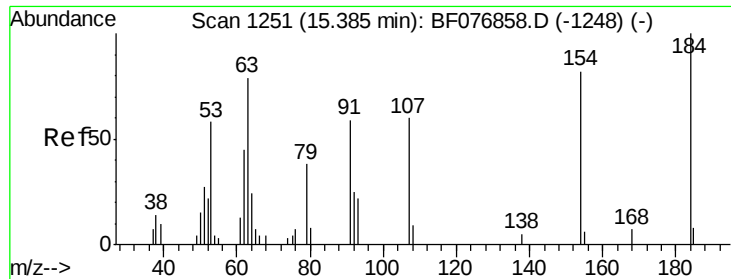


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

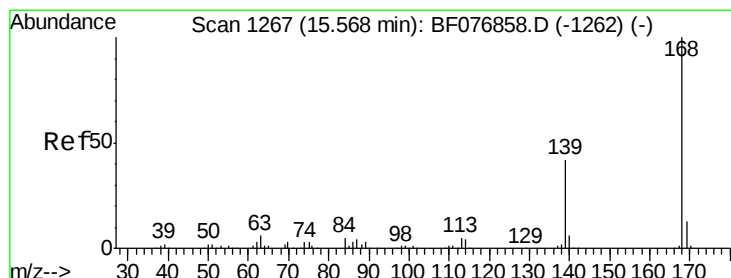
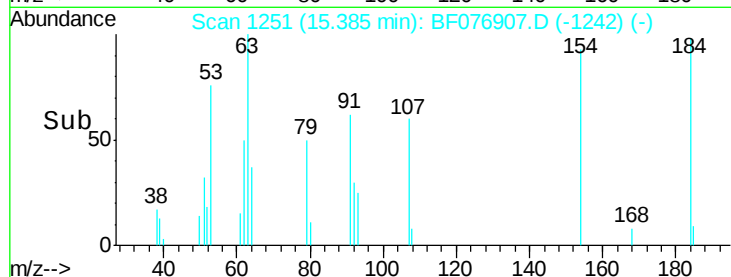
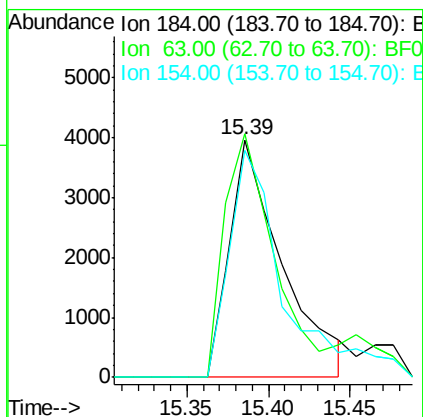
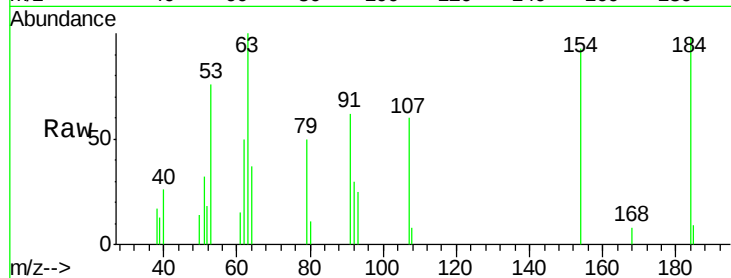




#53
 2,4-Dinitrophenol
 Concen: 27.43 ng
 RT: 15.39 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

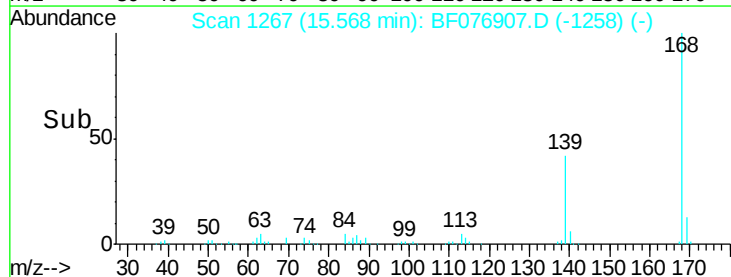
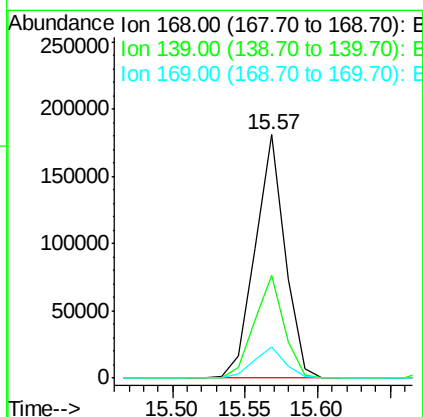
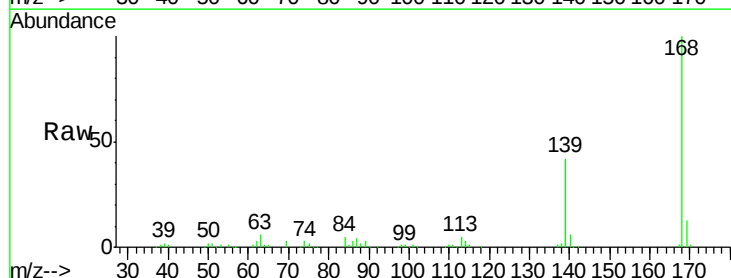
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:184 Resp: 8920
 Ion Ratio Lower Upper
 184 100
 63 102.4 63.0 94.6#
 154 95.6 65.5 98.3



#54
 Dibenzofuran
 Concen: 41.53 ng
 RT: 15.57 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion:168 Resp: 257857
 Ion Ratio Lower Upper
 168 100
 139 42.0 33.4 50.2
 169 12.9 10.6 15.8

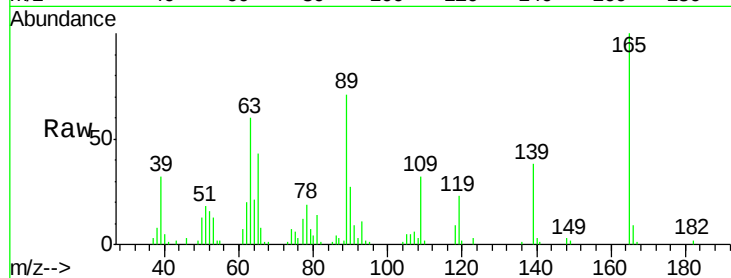




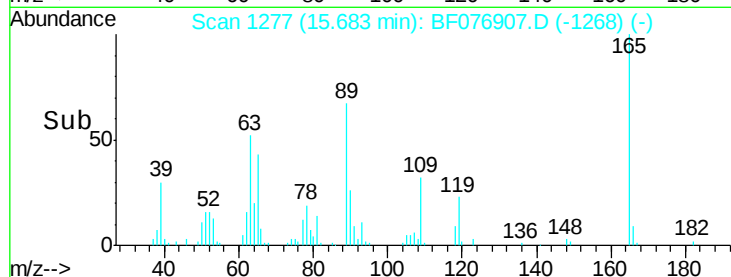
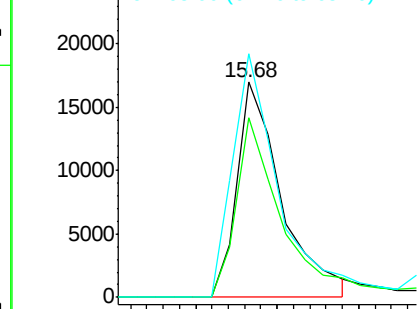
#55
4-Nitrophenol
Concen: 39.60 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:139 Resp: 32139
Ion Ratio Lower Upper
139 100
109 83.4 61.0 101.0
65 113.2 96.6 136.6

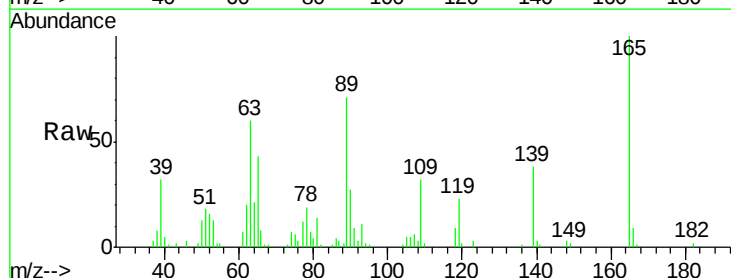


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

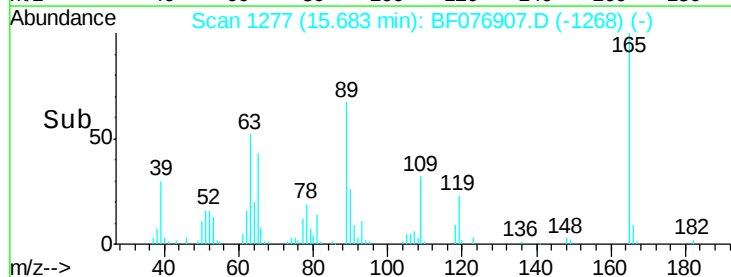
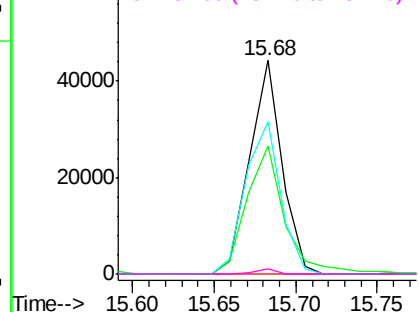


#56
2,4-Dinitrotoluene
Concen: 39.81 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion:165 Resp: 61145
Ion Ratio Lower Upper
165 100
63 60.1 44.8 67.2
89 71.5 56.2 84.2
182 2.5 1.5 2.3#



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

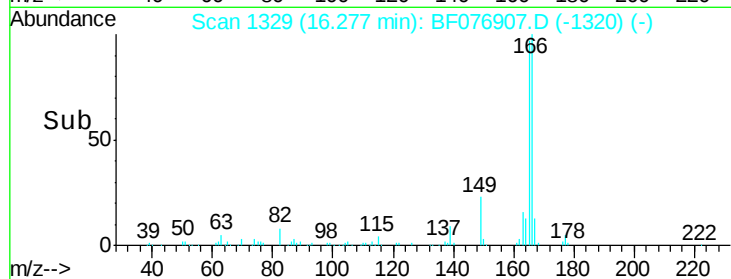
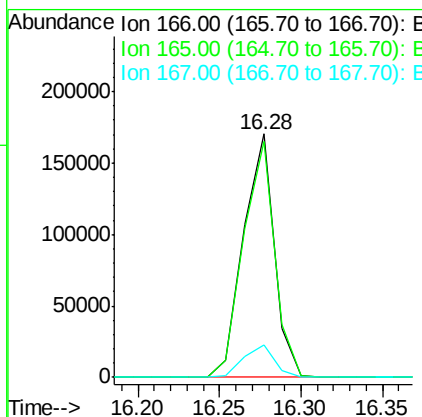
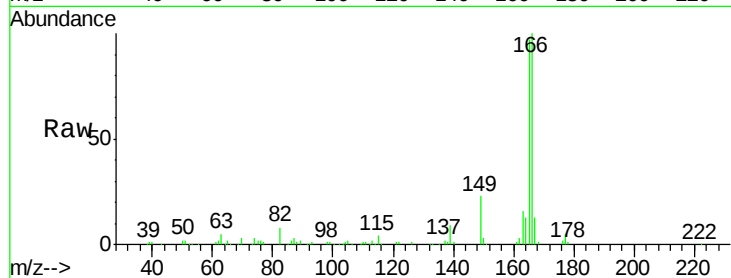




#57
Fluorene
 Concen: 42.43 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

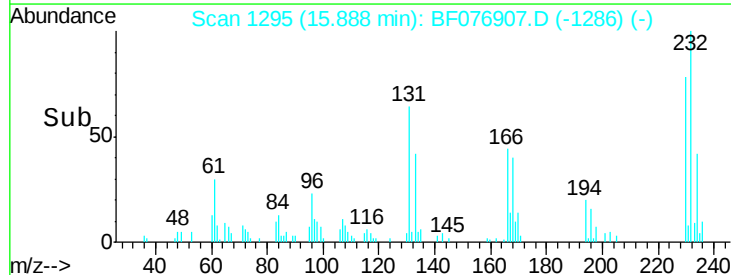
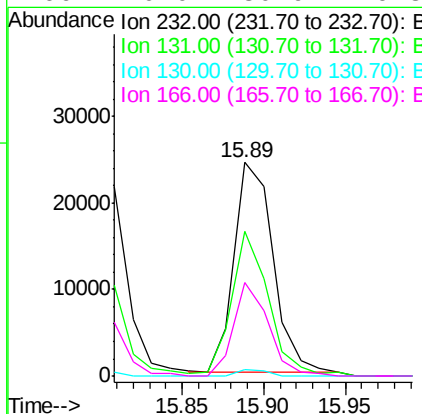
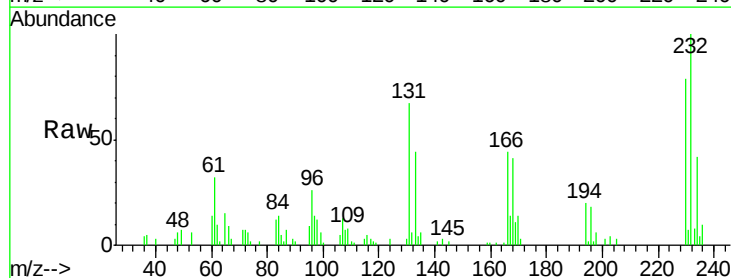
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

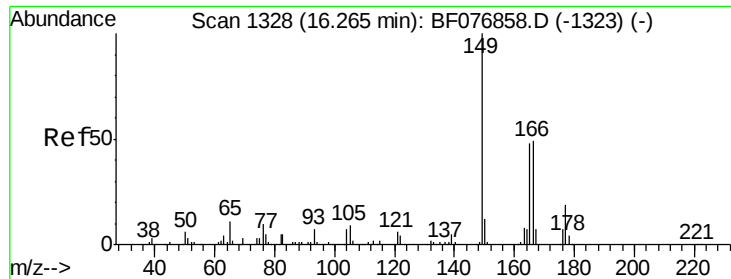
Tot Ion:166 Resp: 223192
 Ion Ratio Lower Upper
 166 100
 165 97.1 78.5 117.7
 167 13.2 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.00 ng
 RT: 15.89 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion:232 Resp: 40036
 Ion Ratio Lower Upper
 232 100
 131 61.2 45.0 67.6
 130 2.4 2.6 3.8#
 166 40.0 30.9 46.3

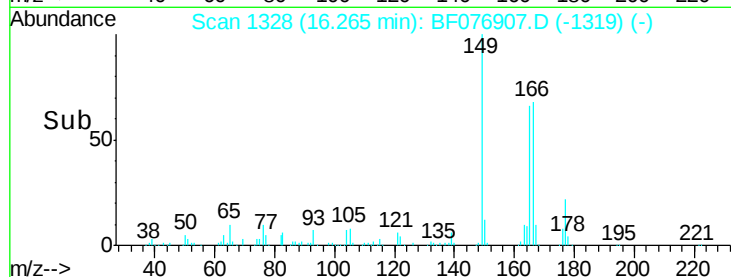
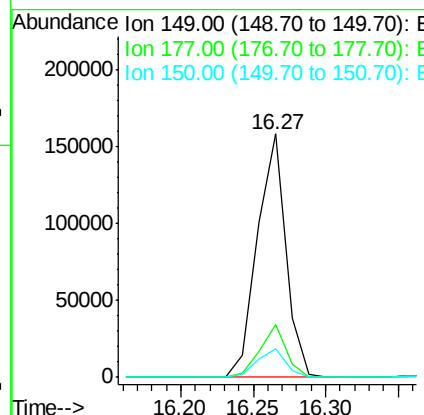
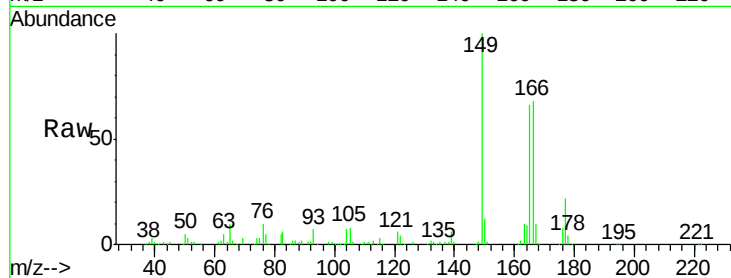




#59
Diethylphthalate
Concen: 41.29 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

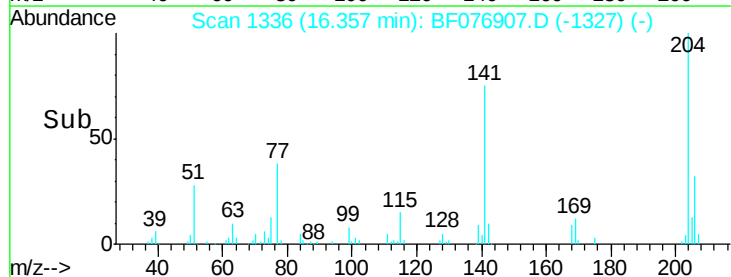
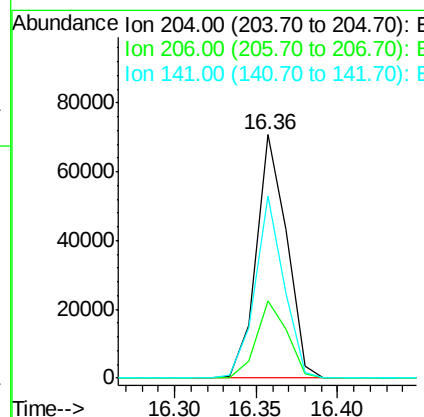
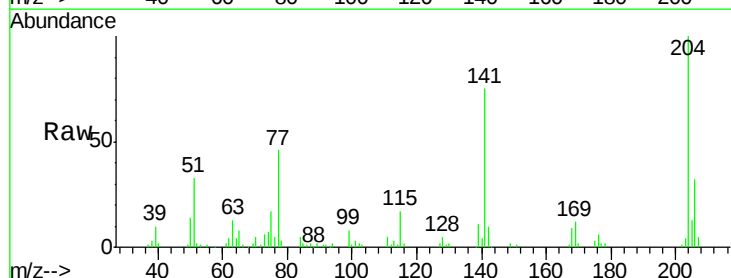
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 216061
Ion Ratio Lower Upper
149 100
177 21.5 15.0 22.6
150 12.0 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 42.64 ng
RT: 16.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion:204 Resp: 91771
Ion Ratio Lower Upper
204 100
206 32.0 24.2 36.2
141 74.9 66.7 100.1

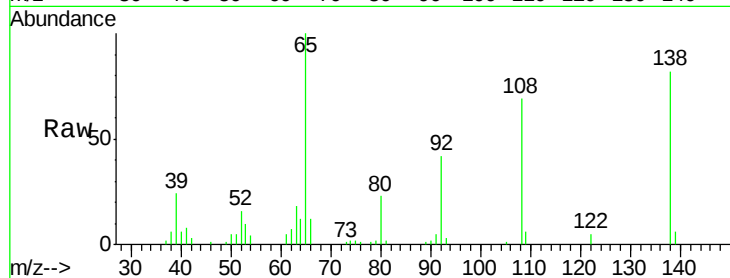




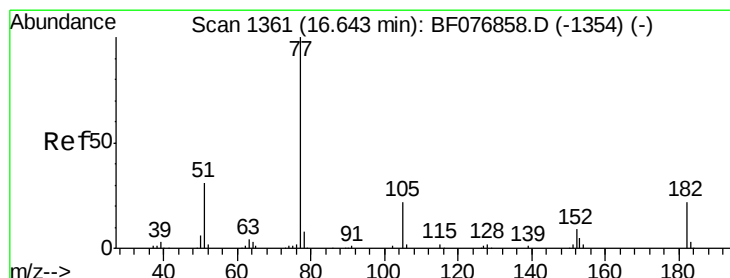
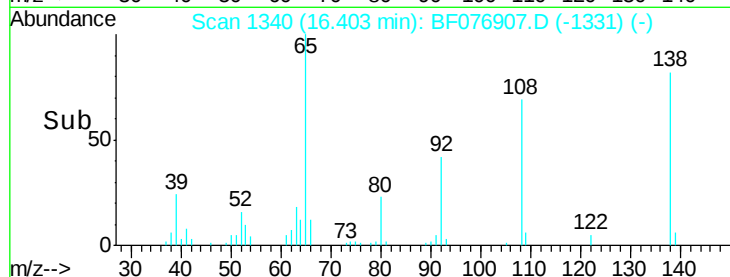
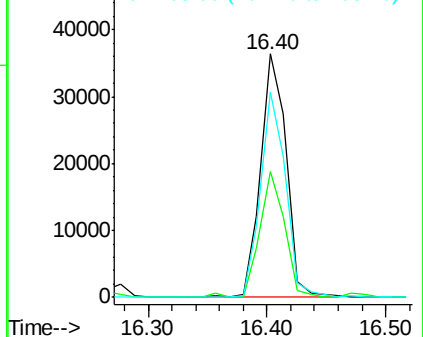
#61
4-Nitroaniline
Concen: 42.51 ng
RT: 16.40 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 55200
Ion Ratio Lower Upper
138 100
92 51.5 26.7 66.7
108 84.1 64.5 104.5

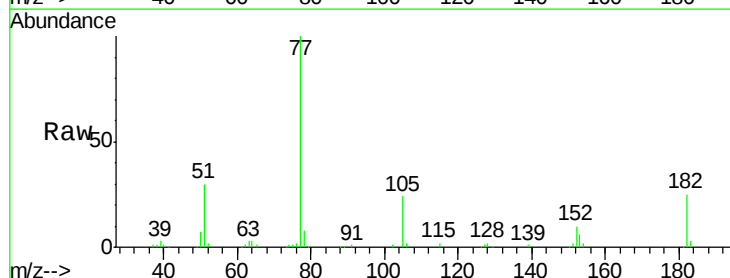


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

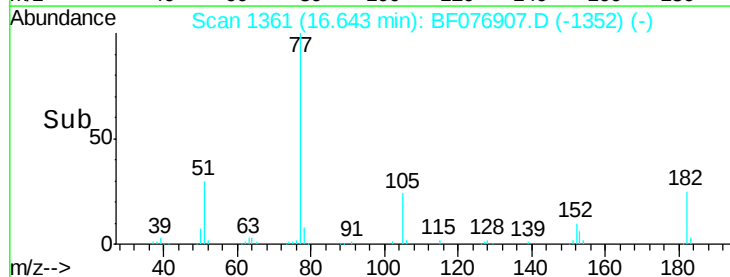
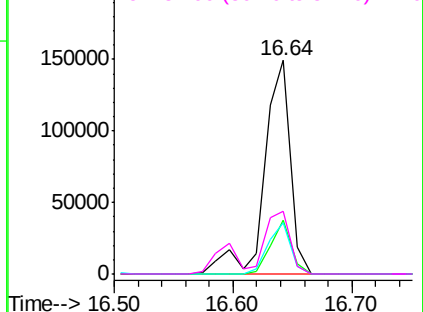


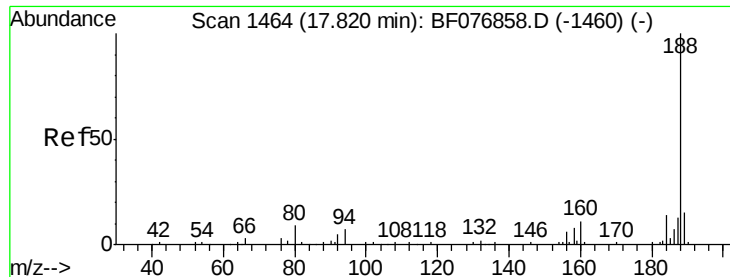
#62
Azobenzene
Concen: 41.74 ng
RT: 16.64 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion: 77 Resp: 227546
Ion Ratio Lower Upper
77 100
182 25.1 2.0 42.0
105 23.9 2.3 42.3
51 29.6 10.7 50.7



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

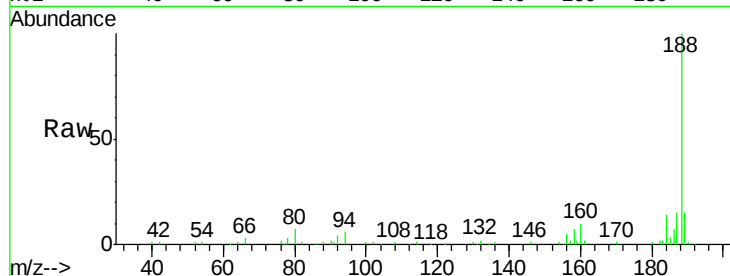




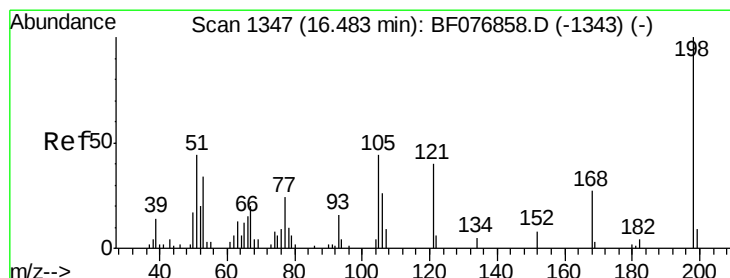
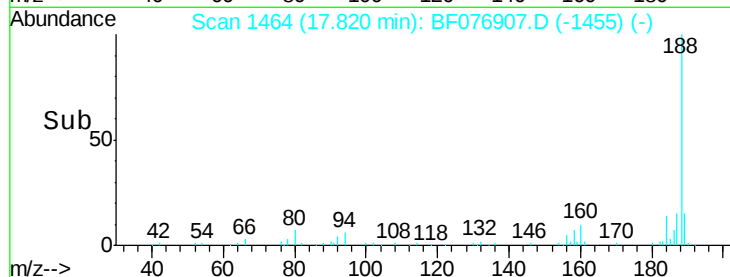
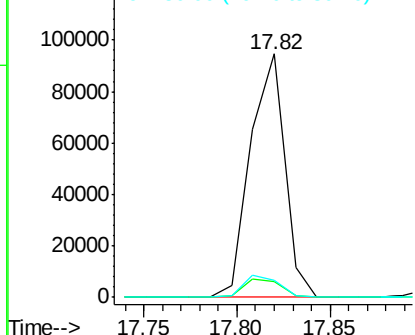
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:188 Resp: 121007
Ion Ratio Lower Upper
188 100
94 6.5 6.0 9.0
80 7.1 6.9 10.3

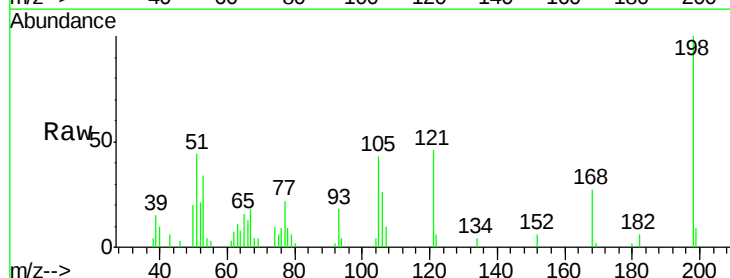


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

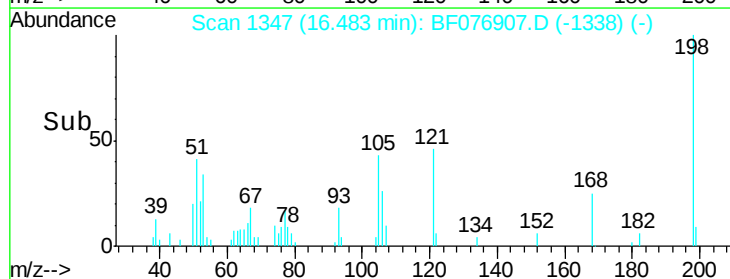
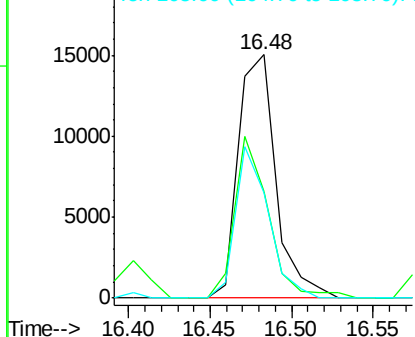


#64
4,6-Dinitro-2-methylphenol
Concen: 31.94 ng
RT: 16.48 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion:198 Resp: 23914
Ion Ratio Lower Upper
198 100
51 43.6 24.2 64.2
105 43.4 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

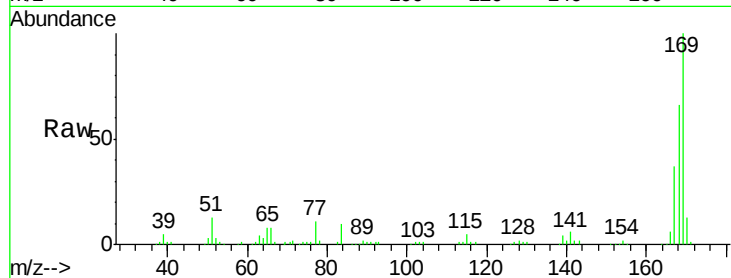




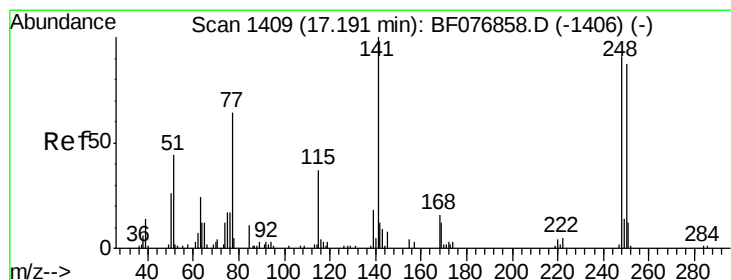
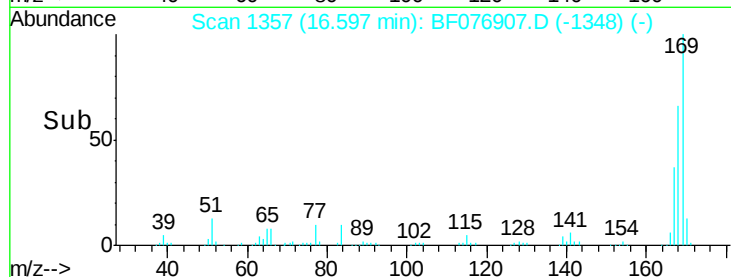
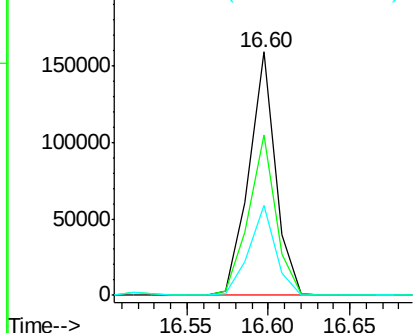
#65
n-Nitrosodiphenylamine
Concen: 41.83 ng
RT: 16.60 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:169 Resp: 180488
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.6
167 36.9 27.8 41.6

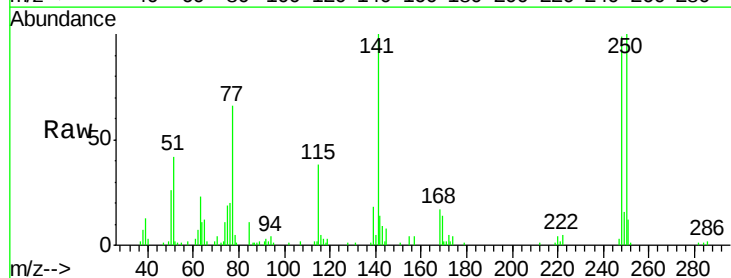


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

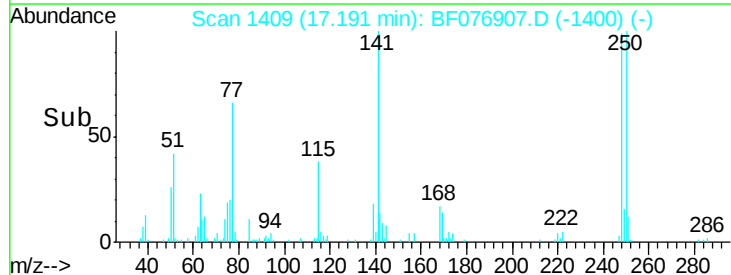
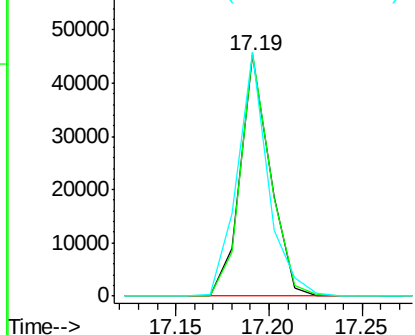


#66
4-Bromophenyl-phenylether
Concen: 41.62 ng
RT: 17.19 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion:248 Resp: 51027
Ion Ratio Lower Upper
248 100
250 101.0 77.1 115.7
141 100.8 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

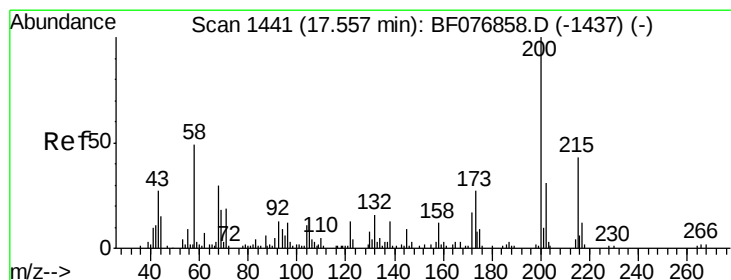
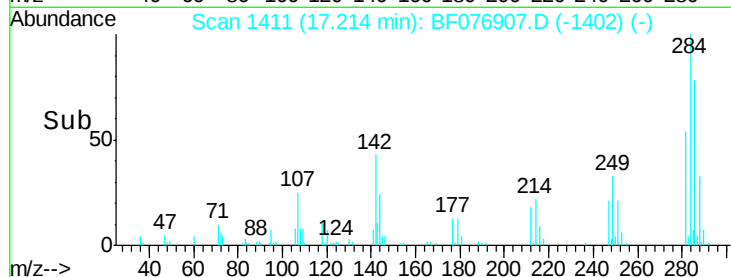
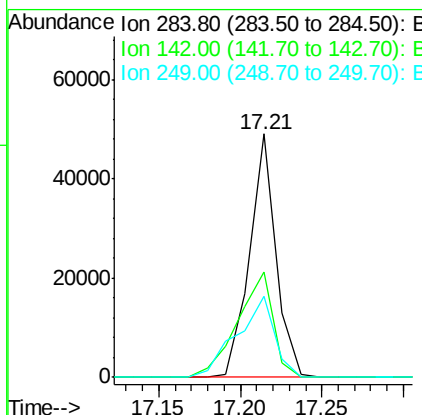
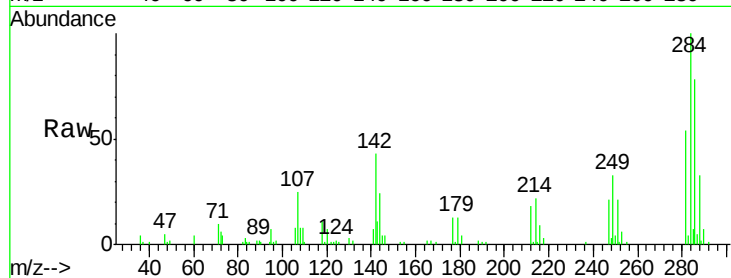




#67
Hexachlorobenzene
Concen: 42.50 ng
RT: 17.21 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

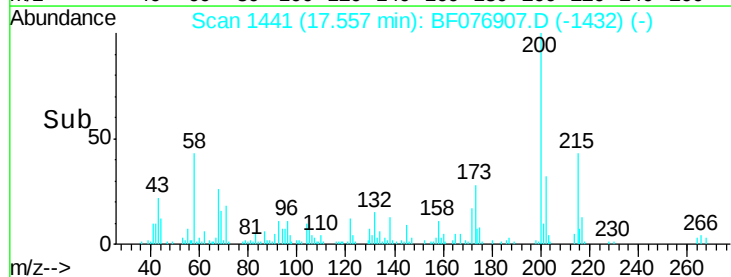
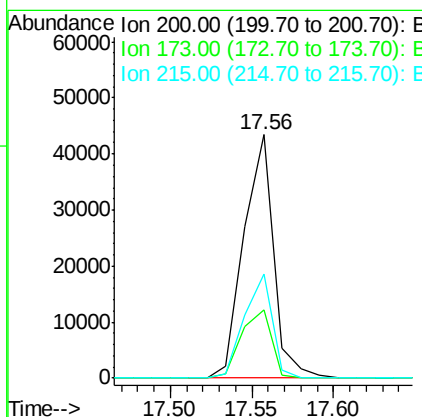
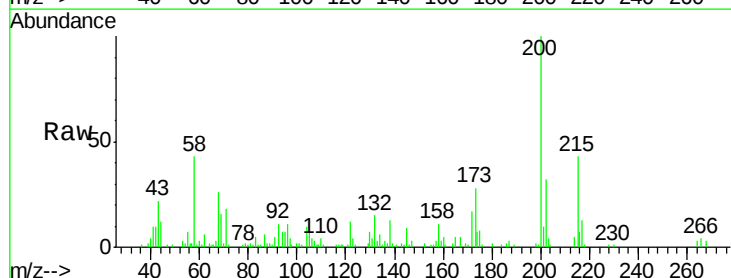
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

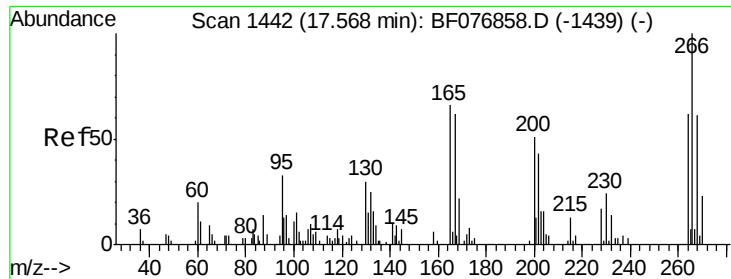
Tot Ion:284 Resp: 54912
Ion Ratio Lower Upper
284 100
142 43.3 38.2 57.4
249 33.5 28.2 42.2



#68
Atrazine
Concen: 42.03 ng
RT: 17.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion:200 Resp: 55031
Ion Ratio Lower Upper
200 100
173 28.0 6.6 46.6
215 42.8 22.9 62.9

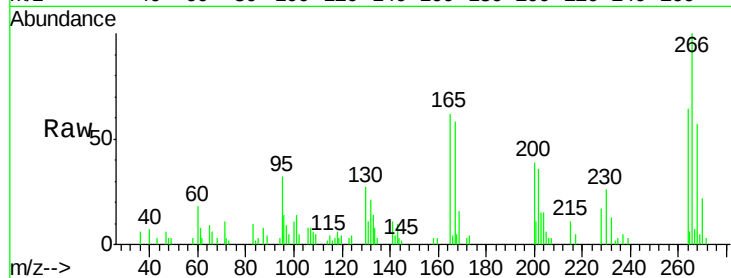




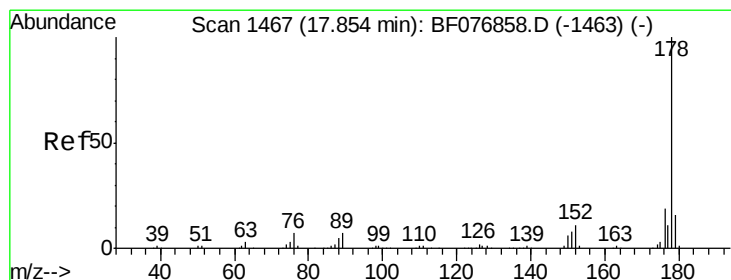
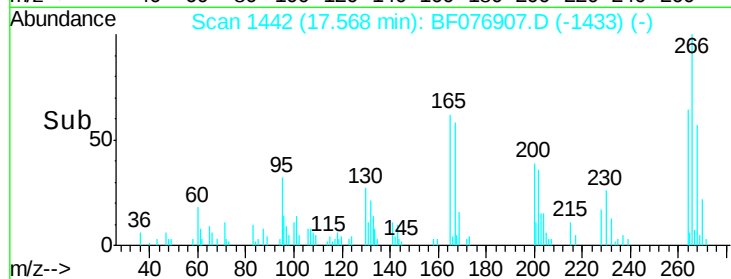
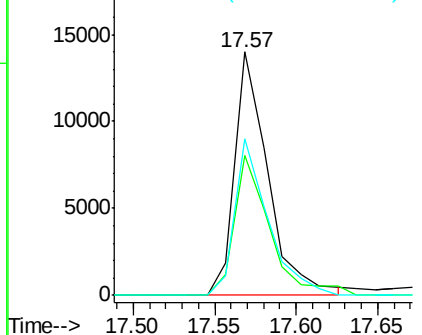
#69
 Pentachlorophenol
 Concen: 37.32 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 19723
 Ion Ratio Lower Upper
 266 100
 268 57.3 48.6 72.8
 264 64.5 49.5 74.3

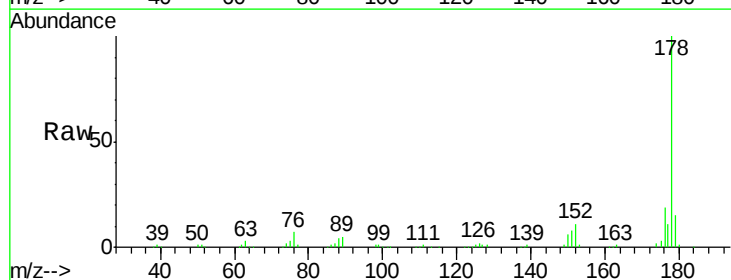


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

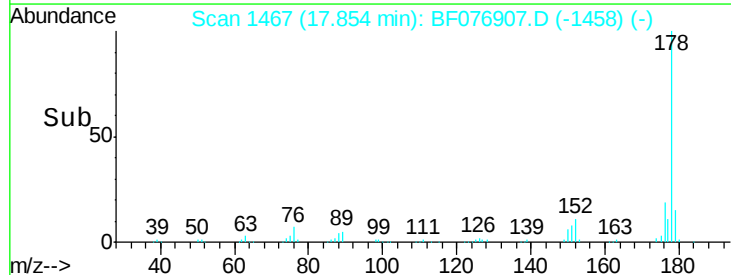
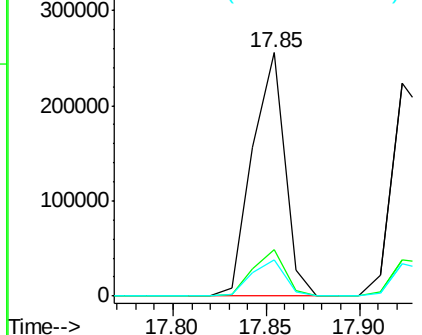


#70
 Phenanthrene
 Concen: 40.87 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion:178 Resp: 308444
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.0 12.7 19.1



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

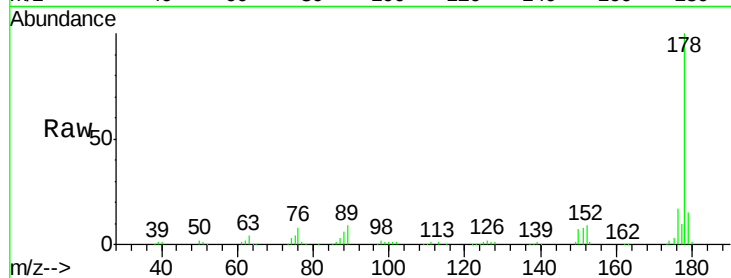




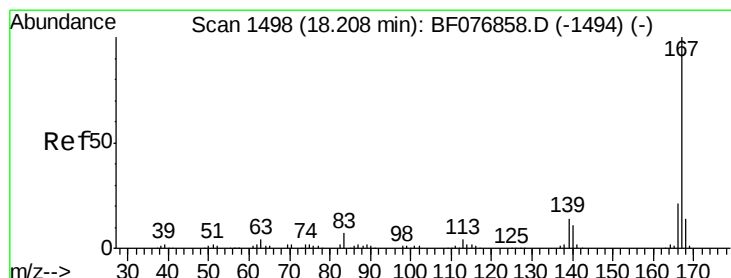
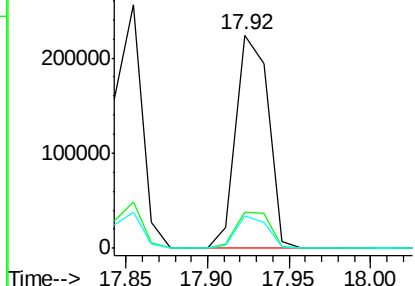
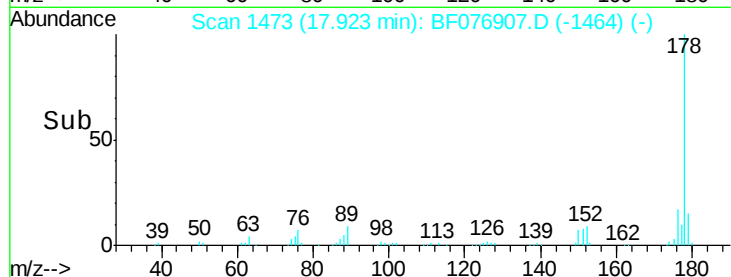
#71
 Anthracene
 Concen: 41.97 ng
 RT: 17.92 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 308849
 Ion Ratio Lower Upper
 178 100
 176 17.0 15.4 23.0
 179 15.1 11.9 17.9

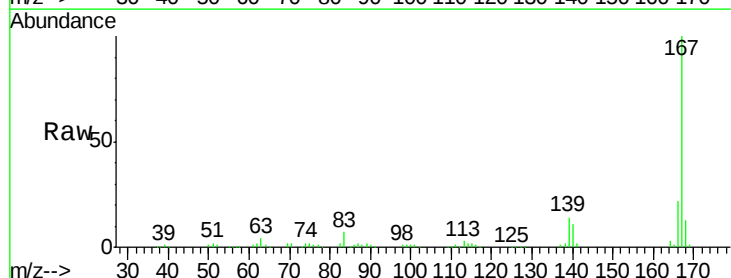


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

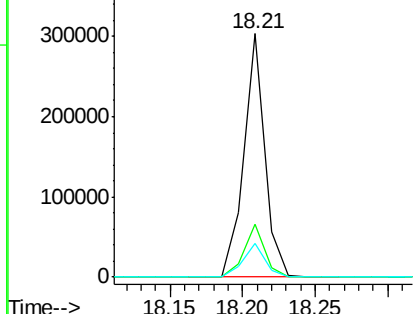
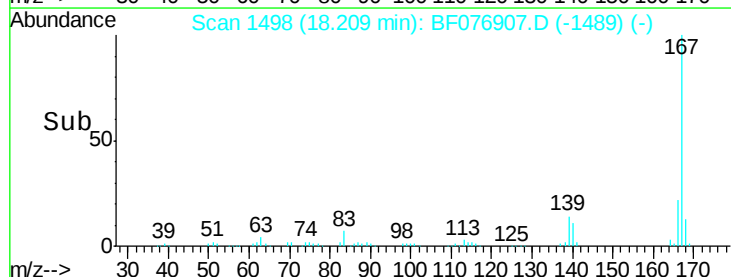


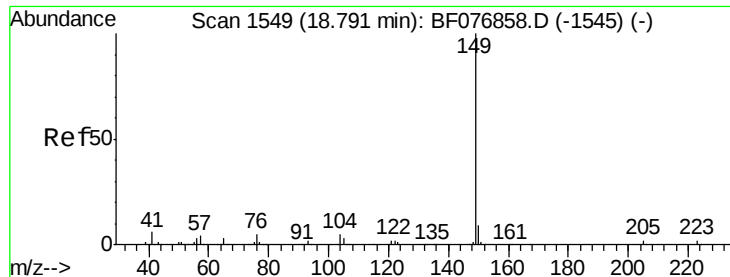
#72
 Carbazole
 Concen: 42.76 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion:167 Resp: 305188
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.8 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: 42.10 ng

RT: 18.79 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

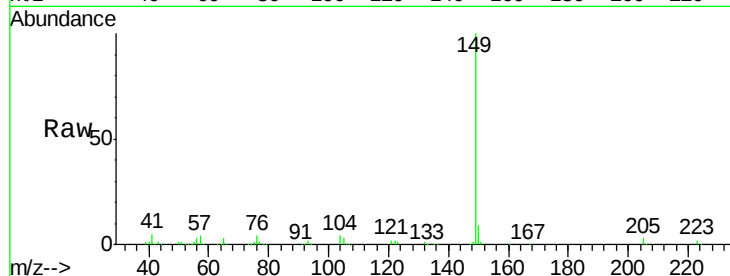
Tot Ion:149 Resp: 347780

Ion Ratio Lower Upper

149 100

150 8.8 6.9 10.3

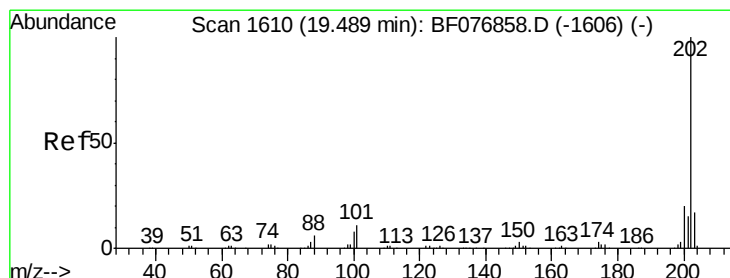
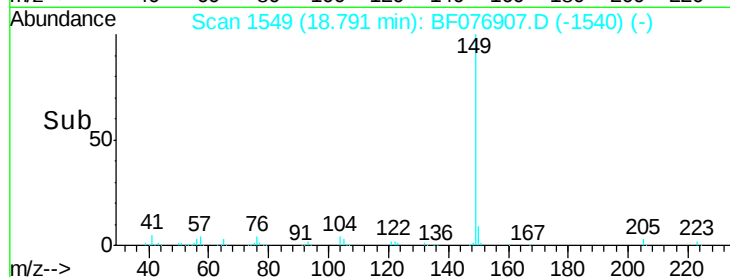
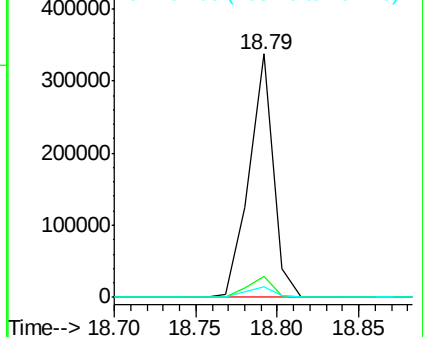
104 4.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.26 ng

RT: 19.49 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

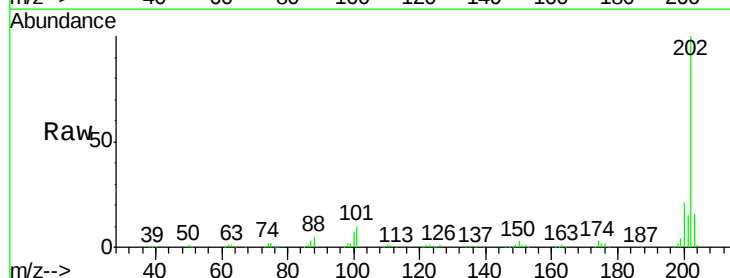
Tgt Ion:202 Resp: 326768

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.7

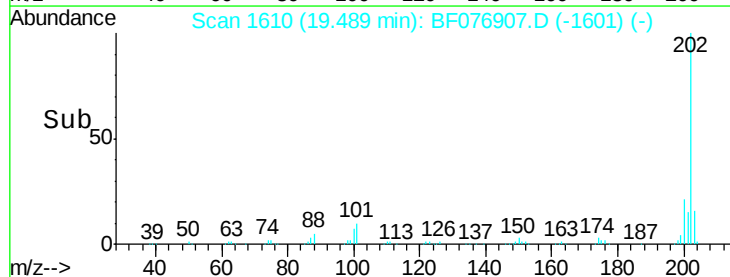
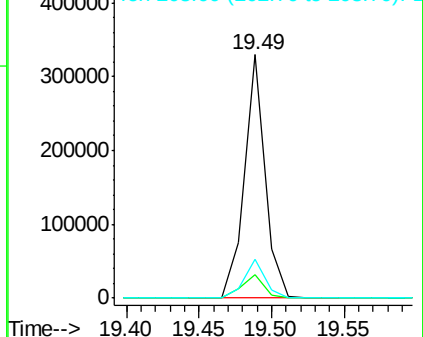
203 15.9 0.0 36.9

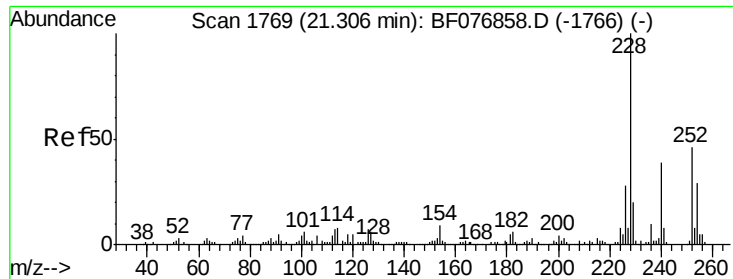


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

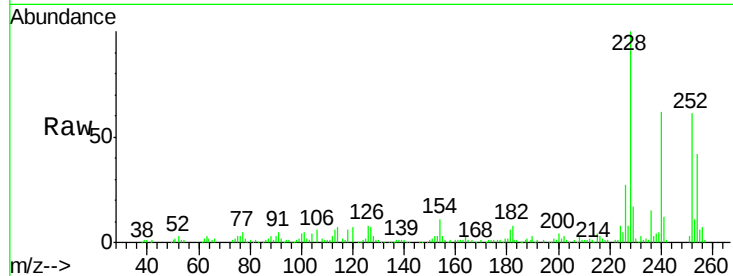
Tot Ion:240 Resp: 122486

Ion Ratio Lower Upper

240 100

120 11.5 10.4 15.6

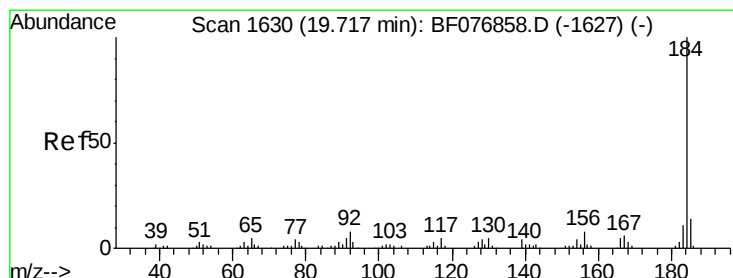
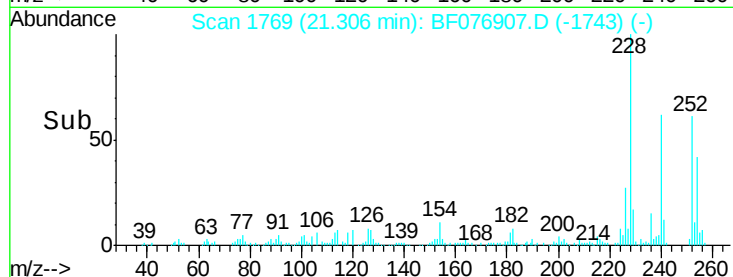
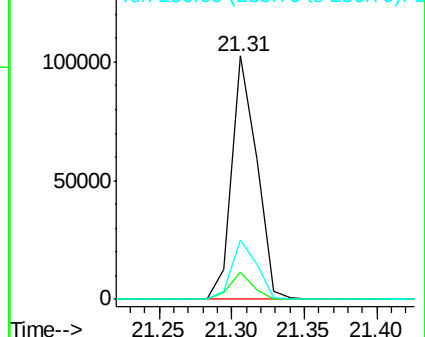
236 24.4 20.2 30.2



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: 36.61 ng

RT: 19.72 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

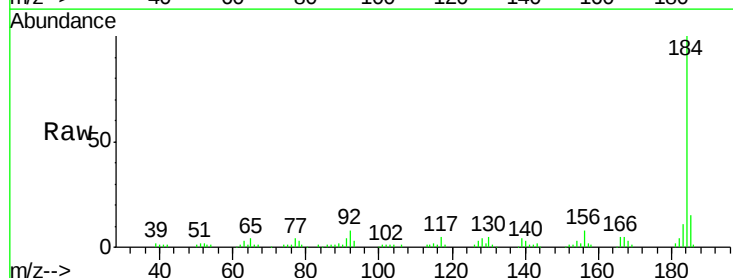
Tgt Ion:184 Resp: 143478

Ion Ratio Lower Upper

184 100

185 15.2 11.4 17.2

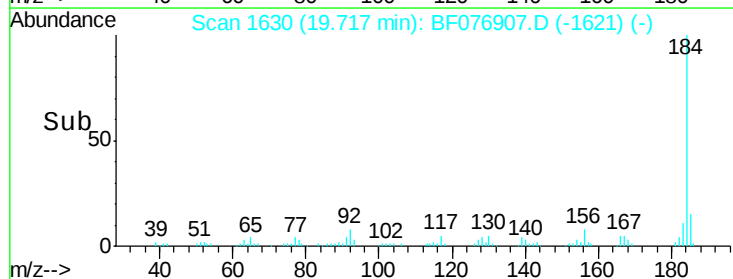
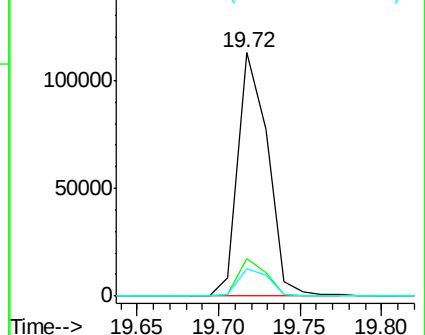
183 11.4 9.0 13.6

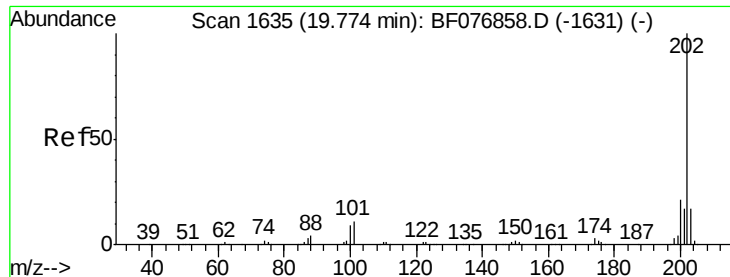


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

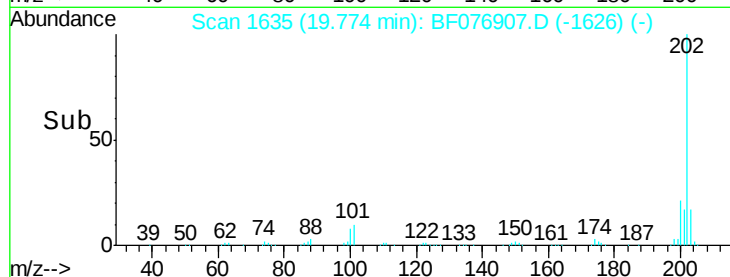
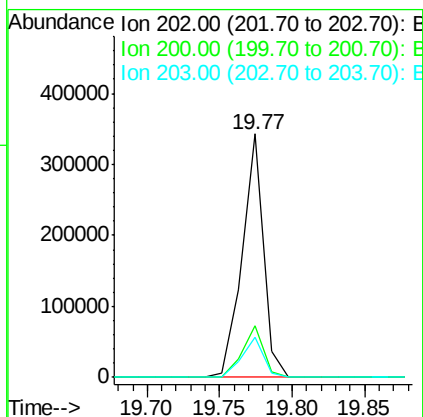
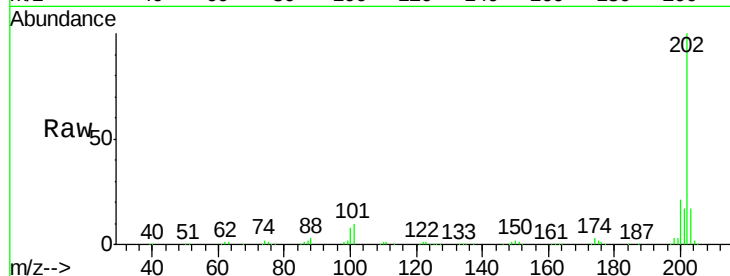




#77
 Pvrene
 Concen: 41.72 ng
 RT: 19.77 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

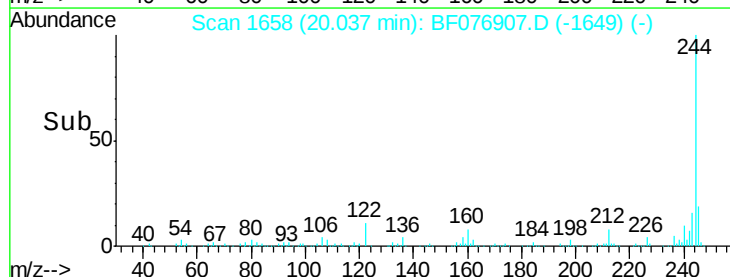
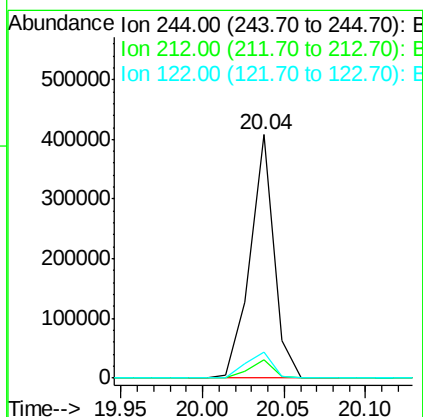
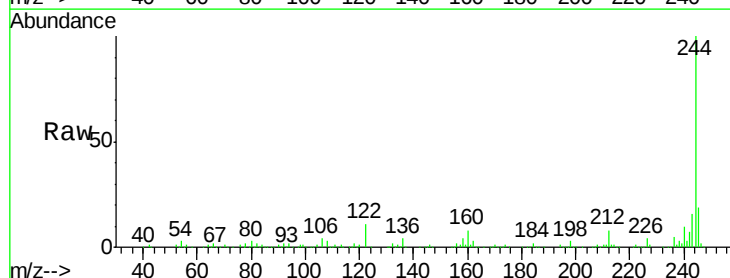
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

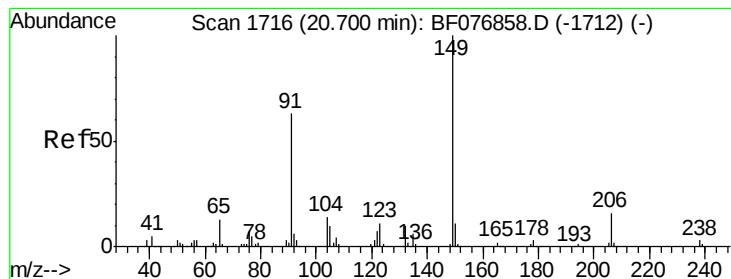
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	16.6	14.0	21.0



#78
 Terphenyl-d14
 Concen: 77.65 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	10.9	10.1	15.1





#79

Butylbenzylphthalate

Concen: 40.28 ng

RT: 20.70 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

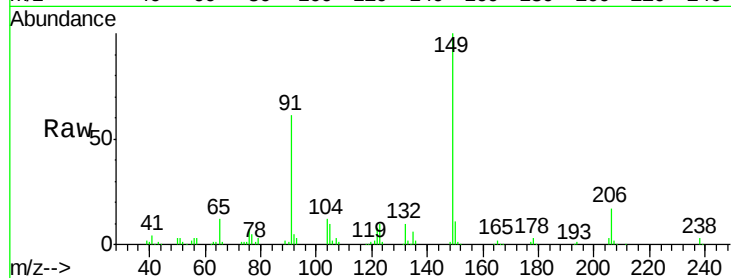
Tot Ion:149 Resp: 153134

Ion Ratio Lower Upper

149 100

91 61.2 50.6 76.0

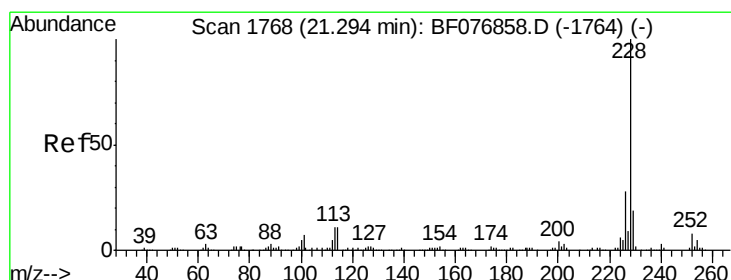
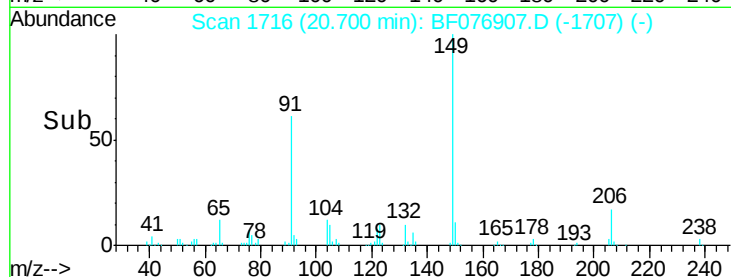
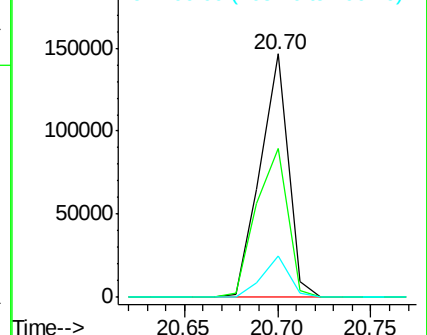
206 17.2 12.8 19.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.01 ng

RT: 21.29 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

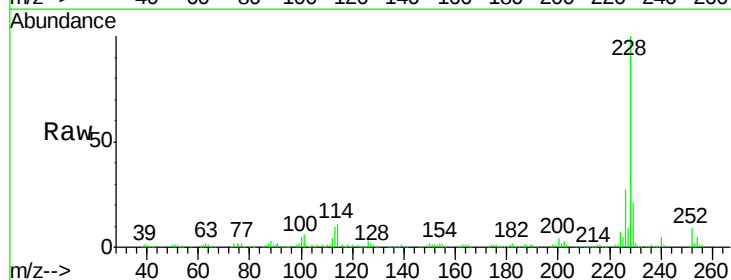
Tgt Ion:228 Resp: 315126

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

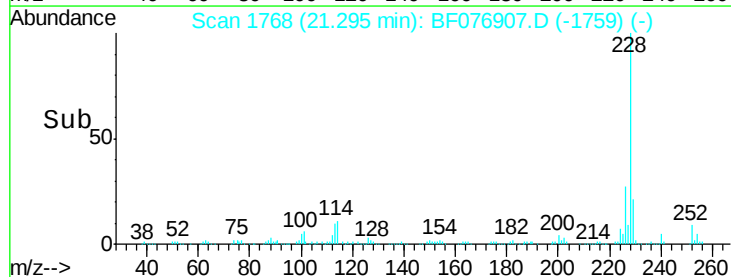
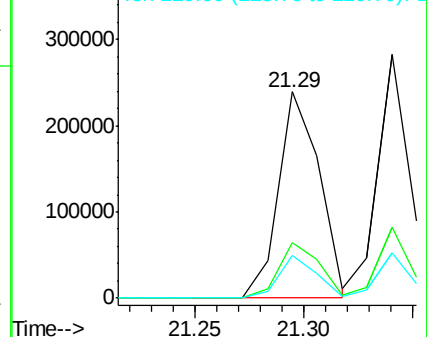
229 20.5 15.5 23.3

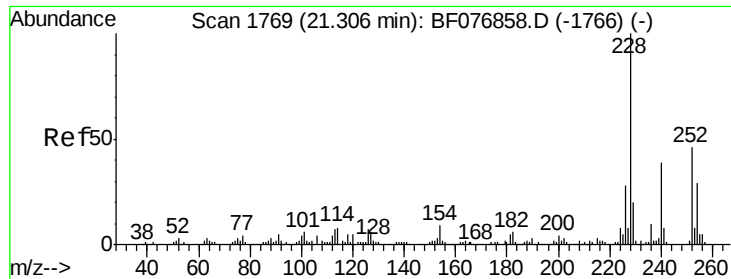


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

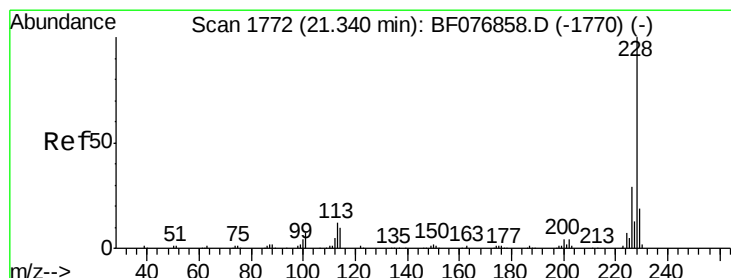
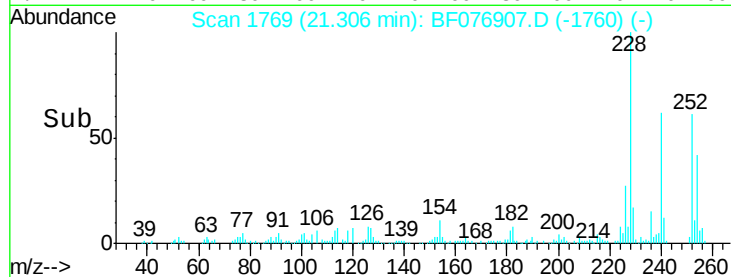
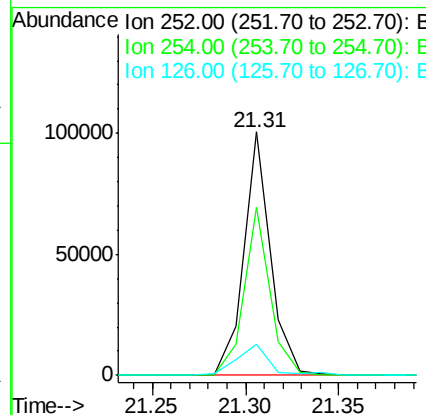
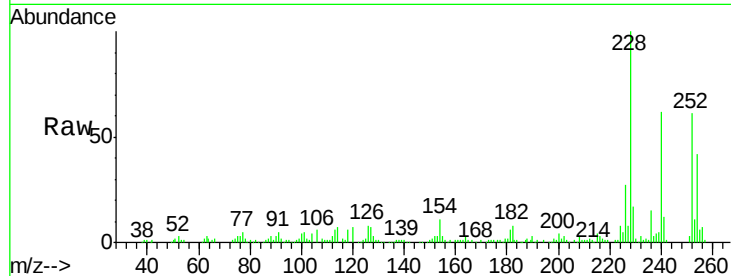




#81
 3,3'-Dichlorobenzidine
 Concen: 41.02 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

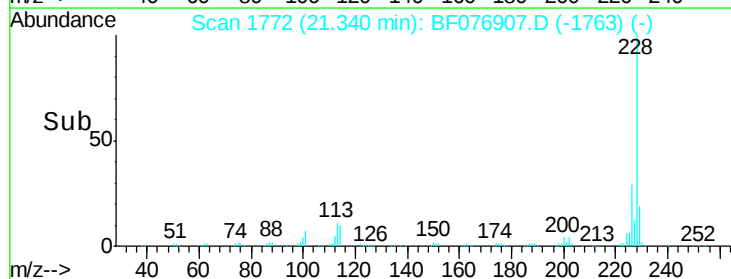
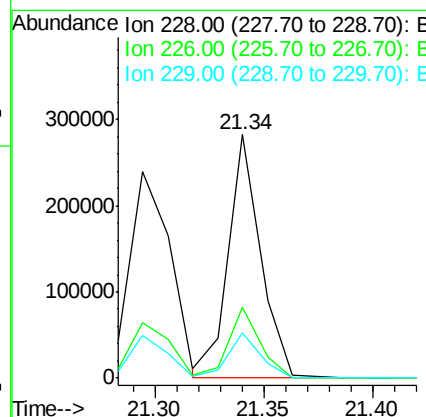
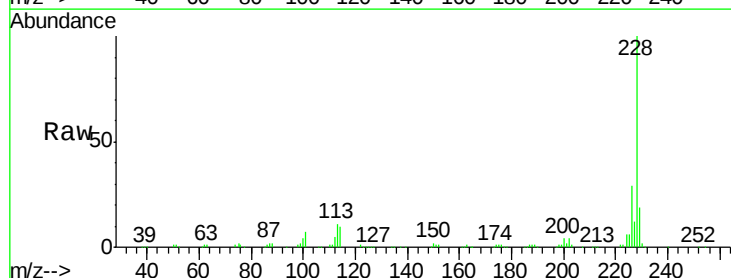
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

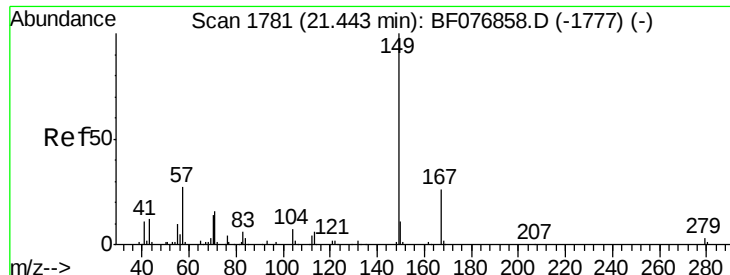
Tot Ion:252 Resp: 100183
 Ion Ratio Lower Upper
 252 100
 254 69.0 50.2 75.4
 126 12.8 11.5 17.3



#82
 Chrysene
 Concen: 41.13 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion:228 Resp: 288243
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.4 35.0
 229 18.8 15.4 23.0

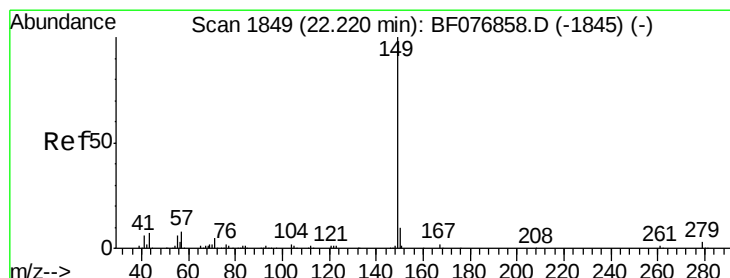
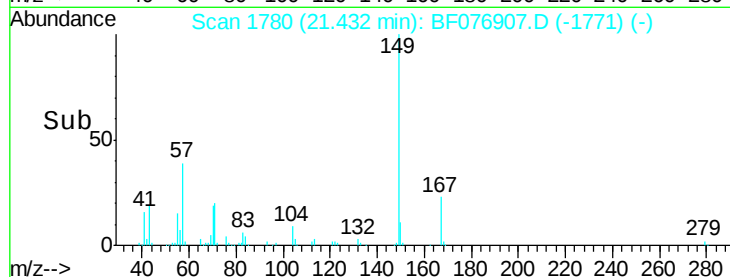
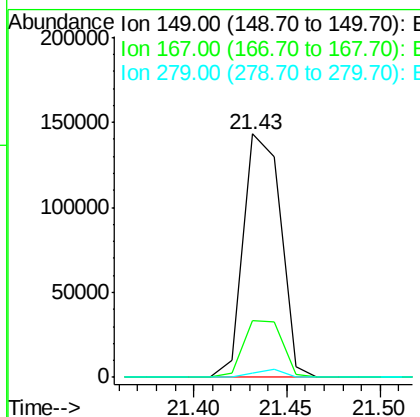
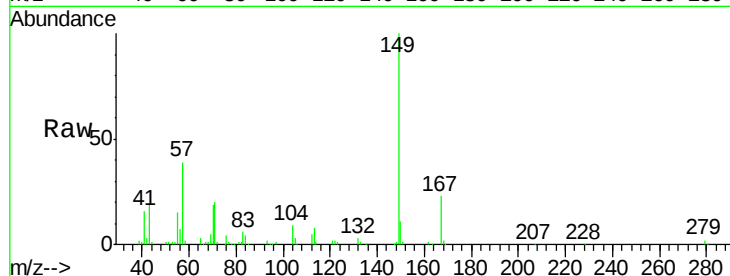




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.68 ng
 RT: 21.43 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

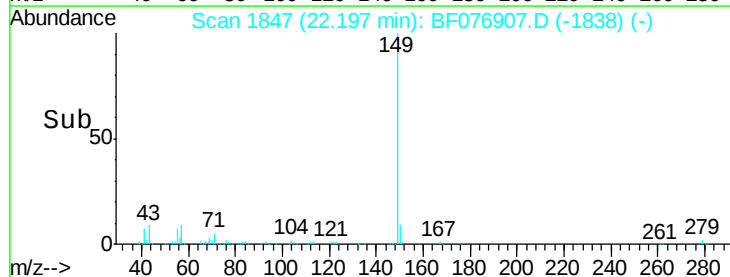
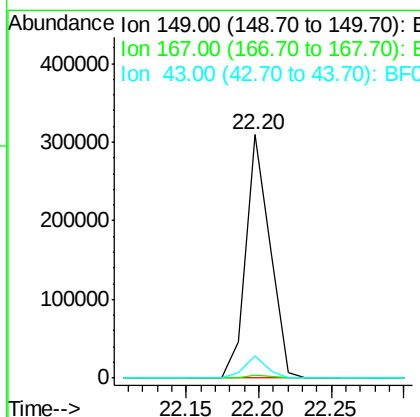
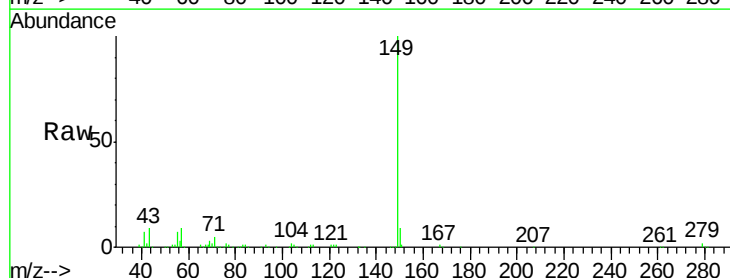
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:149 Resp: 198201
 Ion Ratio Lower Upper
 149 100
 167 23.4 20.6 30.8
 279 1.5 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 39.14 ng
 RT: 22.20 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF076907.D
 Acq: 16 Jan 2015 6:26

Tgt Ion:149 Resp: 357333
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.1 1.7
 43 8.5 6.6 10.0

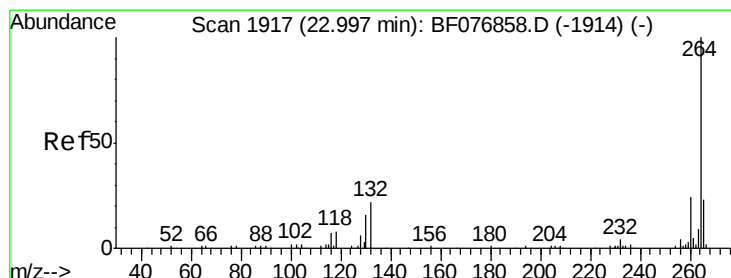
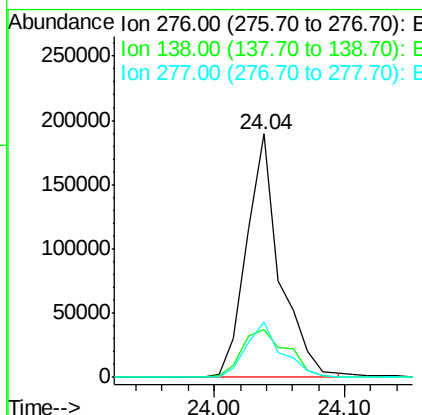
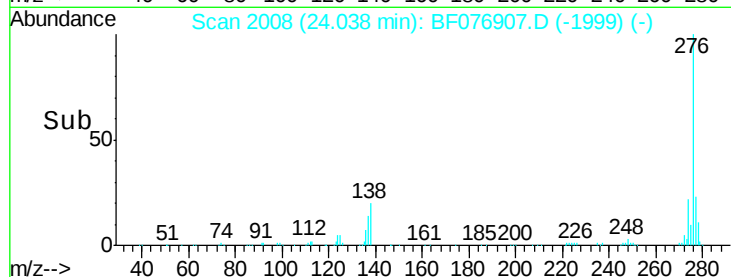
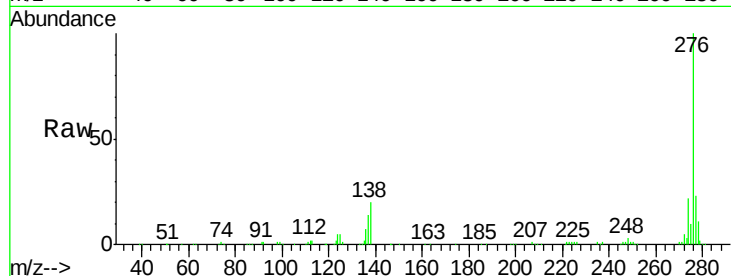




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.50 ng
RT: 24.04 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

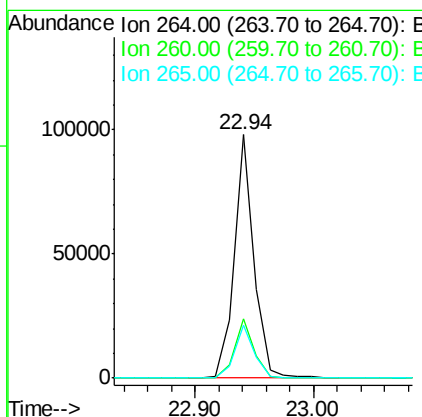
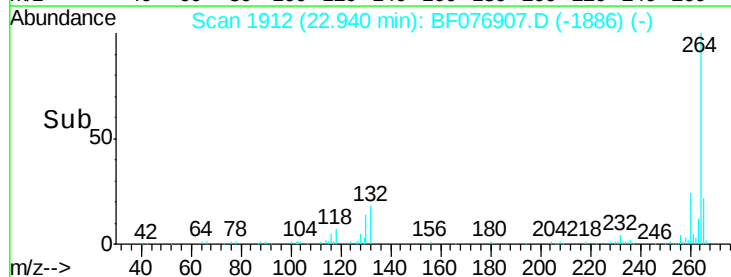
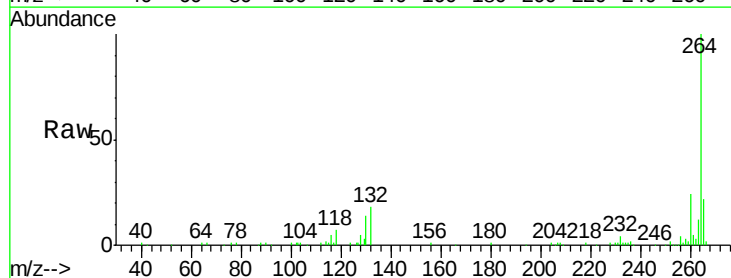
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:276 Resp: 337909
Ion Ratio Lower Upper
276 100
138 27.1 14.6 22.0#
277 24.6 14.8 22.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.94 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion:264 Resp: 112085
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 21.7 18.1 27.1

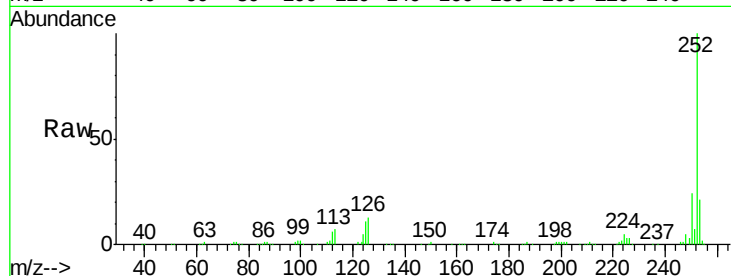




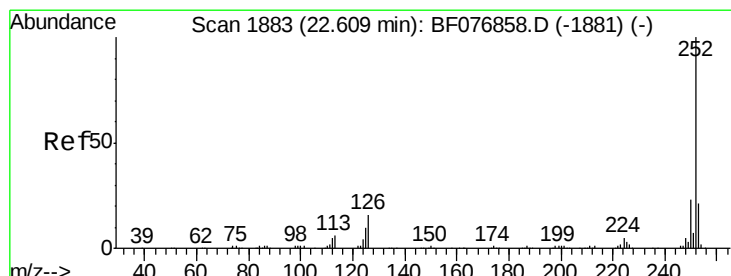
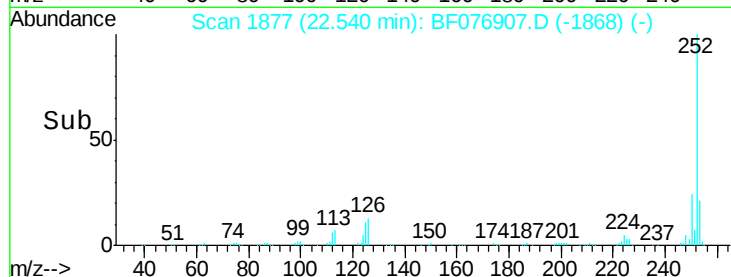
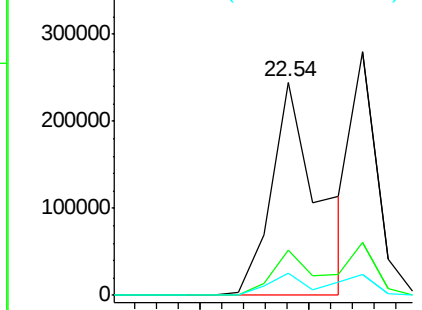
#87
Benzo(b)fluoranthene
Concen: 48.78 ng
RT: 22.54 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 368282
Ion Ratio Lower Upper
252 100
253 20.9 17.5 26.3
125 10.6 9.4 14.0

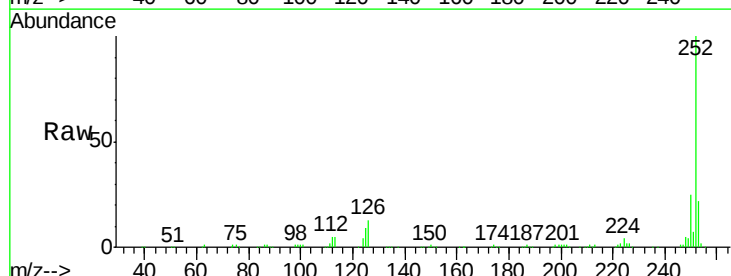


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

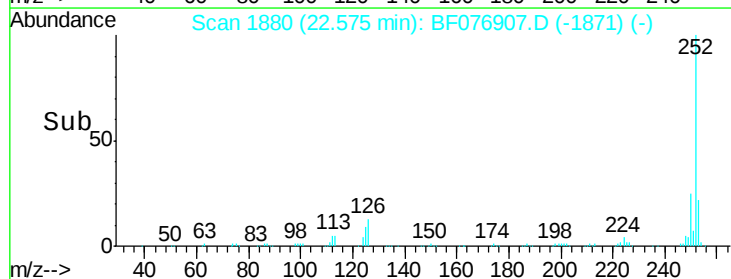
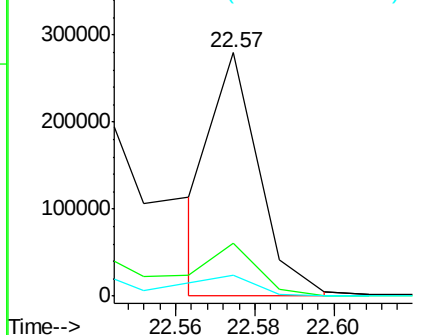


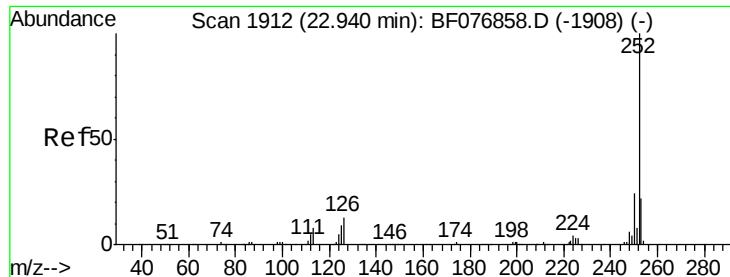
#88
Benzo(k)fluoranthene
Concen: 33.91 ng m
RT: 22.57 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BF076907.D
Acq: 16 Jan 2015 6:26

Tgt Ion:252 Resp: 223672
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.5 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: 42.91 ng

RT: 22.88 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

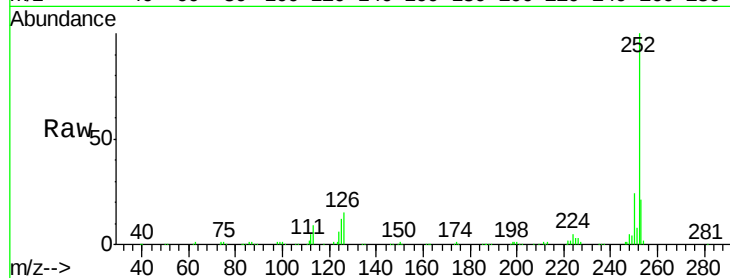
Tot Ion:252 Resp: 285757

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

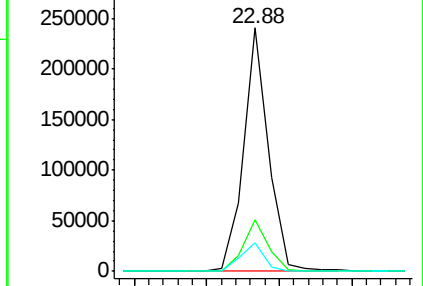
125 11.6 7.2 10.8#



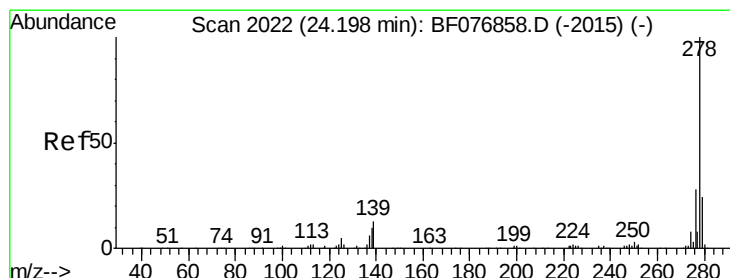
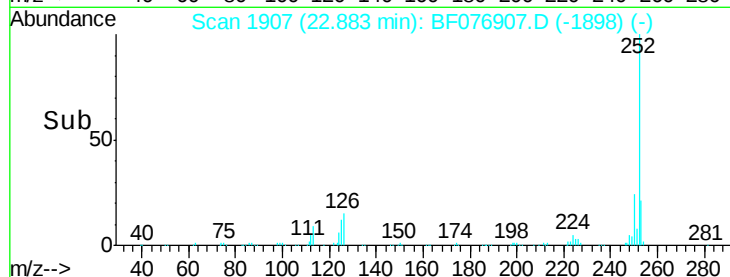
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.80 22.85 22.90 22.95



#90

Dibenzo(a,h)anthracene

Concen: 43.85 ng

RT: 24.06 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

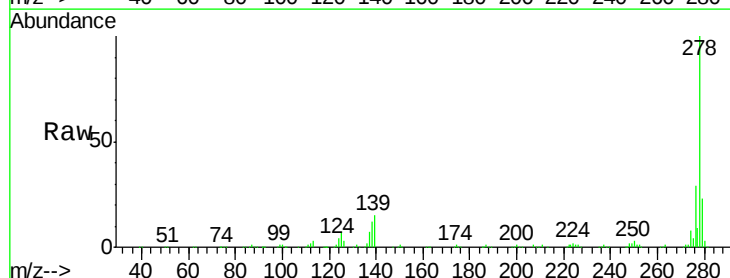
Tgt Ion:278 Resp: 267909

Ion Ratio Lower Upper

278 100

139 15.4 10.5 15.7

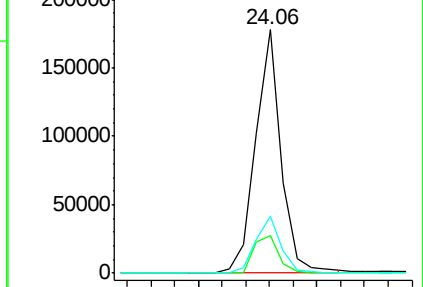
279 23.2 19.3 28.9



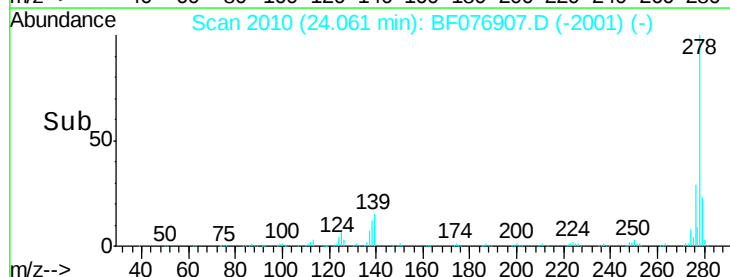
Abundance Ion 278.00 (277.70 to 278.70): E

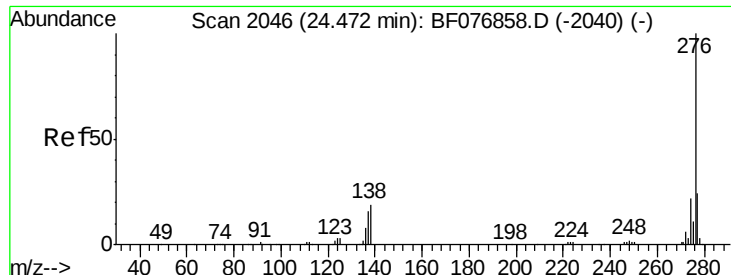
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 24.00 24.10





#91

Benzo(a,h,i)perylene

Concen: 45.63 ng

RT: 24.33 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF076907.D

Acq: 16 Jan 2015 6:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

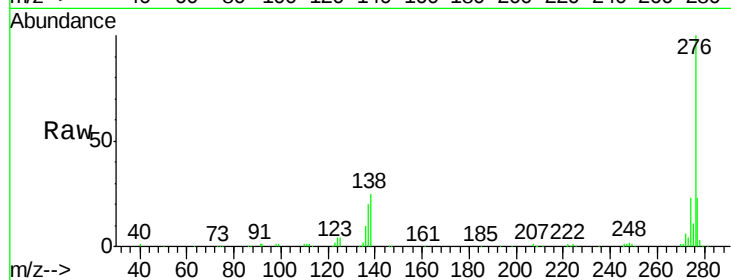
Tot Ion:276 Resp: 277187

Ion Ratio Lower Upper

276 100

277 23.2 19.5 29.3

138 24.6 15.0 22.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

