

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077833.D
 Acq On : 19 Mar 2015 16:23
 Operator : TP/IZ
 Sample : PB82191BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

Quant Time: Mar 20 00:14:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 00:59:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	38451	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	156230	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	79533	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	153396	20.00	ng	0.00
75) Chrysene-d12	16.02	240	179096	20.00	ng	-0.01
86) Perylene-d12	17.73	264	179159	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	243030	110.33	ng	0.01
7) Phenol-d6	6.73	99	309750	113.81	ng	0.00
23) Nitrobenzene-d5	7.85	82	176459	74.04	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	78535	103.21	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	377869	69.82	ng	0.00
78) Terphenyl-d14	14.74	244	460993	62.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	31673	31.67	ng	# 100
3) Pyridine	2.74	79	91647	34.10	ng	94
4) n-Nitrosodimethylamine	2.66	42	39730	33.96	ng	# 90
6) Aniline	6.74	93	72550	18.64	ng	# 37
8) 2-Chlorophenol	6.89	128	97012	37.00	ng	91
9) Benzaldehyde	6.60	77	5741	5.15	ng	# 80
10) Phenol	6.74	94	115104	35.78	ng	86
11) bis(2-Chloroethyl)ether	6.84	93	87883	36.47	ng	93
12) 1,3-Dichlorobenzene	7.07	146	99697	34.19	ng	97
13) 1,4-Dichlorobenzene	7.17	146	101148	33.38	ng	97
14) 1,2-Dichlorobenzene	7.36	146	99387	35.78	ng	97
15) Benzyl Alcohol	7.34	79	76955	36.22	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.52	45	111019	34.19	ng	99
17) 2-Methylphenol	7.49	107	77434	36.28	ng	98
18) Hexachloroethane	7.77	117	33846	34.06	ng	89
19) n-Nitroso-di-n-propylamine	7.68	70	62039	32.95	ng	# 92
20) 3+4-Methylphenols	7.69	107	99689	35.59	ng	98
22) Acetophenone	7.66	105	132579	38.33	ng	# 93
24) Nitrobenzene	7.87	77	95275	37.11	ng	# 88
25) Isophorone	8.17	82	161742	33.60	ng	# 93
26) 2-Nitrophenol	8.26	139	44610	35.49	ng	# 79
27) 2,4-Dimethylphenol	8.34	122	83062	36.27	ng	98
28) bis(2-Chloroethoxy)methane	8.45	93	106908	36.59	ng	98
29) 2,4-Dichlorophenol	8.57	162	80051	36.67	ng	96
30) 1,2,4-Trichlorobenzene	8.66	180	81488	33.36	ng	95
31) Naphthalene	8.75	128	272030	33.90	ng	99
32) Benzoic acid	8.44	122	41153	33.23	ng	98
33) 4-Chloroaniline	8.83	127	62537	19.20	ng	# 90
34) Hexachlorobutadiene	8.91	225	45811	33.09	ng	99
35) Caprolactam	9.25	113	25029	39.23	ng	91
36) 4-Chloro-3-methylphenol	9.45	107	84655	38.54	ng	89
37) 2-Methylnaphthalene	9.62	142	190308	35.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	76603	32.29	ng	# 100
40) Hexachlorocyclopentadiene	9.80	237	78649	66.78	ng	97

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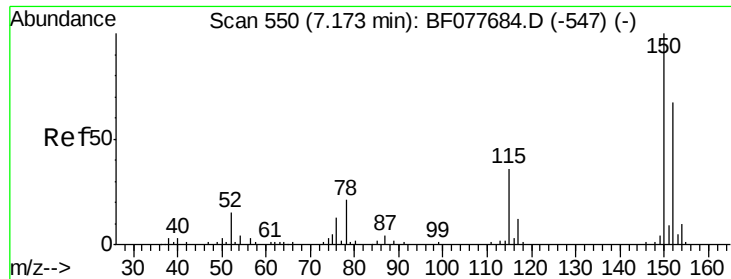
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.97	196	56044	34.11	ng	99
43) 2,4,5-Trichlorophenol	10.02	196	60052	33.83	ng	# 93
45) 1,1'-Biphenyl	10.20	154	217490	34.21	ng	98
46) 2-Chloronaphthalene	10.21	162	174226	33.72	ng	# 92
47) 2-Nitroaniline	10.35	65	50340	39.23	ng	99
48) Acenaphthylene	10.73	152	290292	33.79	ng	98
49) Dimethylphthalate	10.59	163	207955	35.25	ng	98
50) 2,6-Dinitrotoluene	10.66	165	44628	36.50	ng	98
51) Acenaphthene	10.94	154	163466	33.18	ng	98
52) 3-Nitroaniline	10.86	138	36150	25.46	ng	97
53) 2,4-Dinitrophenol	11.00	184	34609	77.34	ng	# 65
54) Dibenzofuran	11.15	168	255480	34.97	ng	92
55) 4-Nitrophenol	11.09	139	83303	79.19	ng	96
56) 2,4-Dinitrotoluene	11.15	165	61194	38.38	ng	99
57) Fluorene	11.58	166	202522	33.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.31	232	51014	37.32	ng	# 100
59) Diethylphthalate	11.46	149	196050	34.11	ng	95
60) 4-Chlorophenyl-phenylether	11.58	204	91985	33.22	ng	# 85
61) 4-Nitroaniline	11.62	138	52116	36.82	ng	94
62) Azobenzene	11.78	77	184801	33.64	ng	87
64) 4,6-Dinitro-2-methylphenol	11.65	198	25888	36.84	ng	96
65) n-Nitrosodiphenylamine	11.74	169	177510	34.75	ng	98
66) 4-Bromophenyl-phenylether	12.19	248	53914	32.93	ng	# 78
67) Hexachlorobenzene	12.25	284	58843	32.71	ng	# 76
68) Atrazine	12.42	200	56767	39.66	ng	99
69) Pentachlorophenol	12.51	266	63321	67.71	ng	98
70) Phenanthrene	12.76	178	317512	36.06	ng	100
71) Anthracene	12.83	178	316366	36.36	ng	99
72) Carbazole	13.04	167	297745	35.98	ng	100
73) Di-n-butylphthalate	13.49	149	321448	34.64	ng	99
74) Fluoranthene	14.24	202	349628	36.00	ng	94
76) Benzidine	14.43	184	153416	34.56	ng	99
77) Pyrene	14.52	202	375570	33.35	ng	100
79) Butylbenzylphthalate	15.36	149	147313	33.18	ng	92
80) Benzo(a)anthracene	16.01	228	359590	33.87	ng	100
81) 3,3'-Dichlorobenzidine	16.00	252	79130	22.60	ng	# 96
82) Chrysene	16.05	228	362563	37.98	ng	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	202112	30.05	ng	98
84) Di-n-octyl phthalate	16.87	149	363183	31.58	ng	100
85) Indeno(1,2,3-cd)pyrene	19.54	276	360398	30.25	ng	# 100
87) Benzo(b)fluoranthene	17.30	252	365599	31.26	ng	98
88) Benzo(k)fluoranthene	17.30	252	365599	40.02	ng	99
89) Benzo(a)pyrene	17.68	252	369436	37.86	ng	# 98
90) Dibenzo(a,h)anthracene	19.16	278	348211	35.97	ng	99
91) Benzo(g,h,i)perylene	19.54	276	360146	36.55	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. 0.00 min

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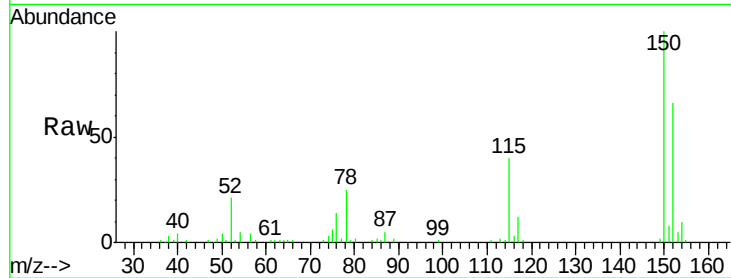
Tgt Ion:152 Resp: 38451

Ion Ratio Lower Upper

152 100

150 152.2 119.5 179.3

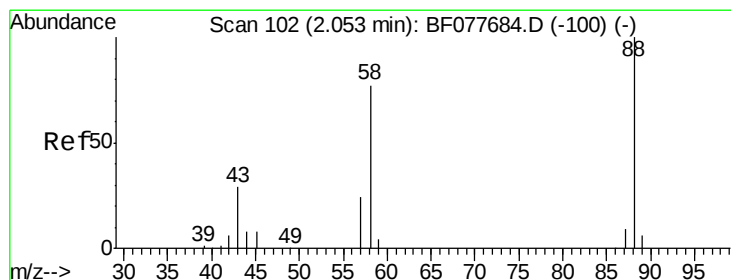
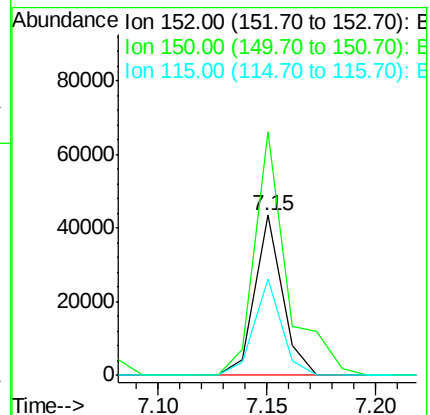
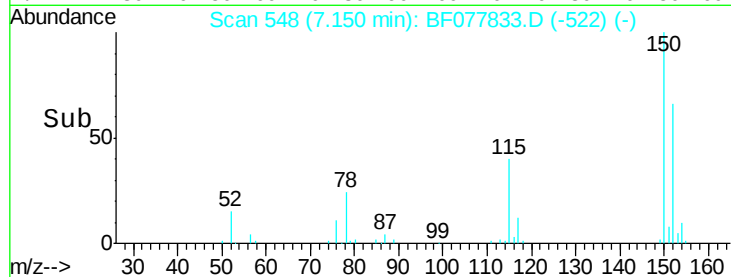
115 60.3 43.0 64.4



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: 31.67 ng

RT: 2.04 min Scan# 101

Delta R.T. 0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

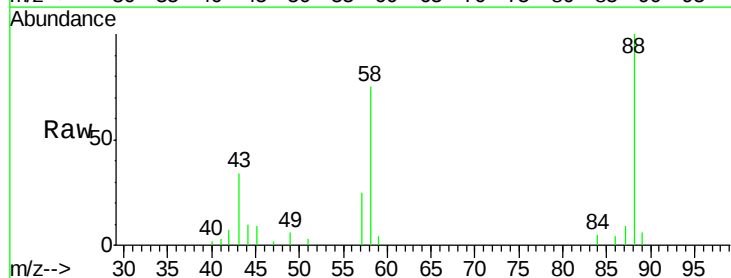
Tgt Ion: 88 Resp: 31673

Ion Ratio Lower Upper

88 100

58 73.8 0.0 0.0#

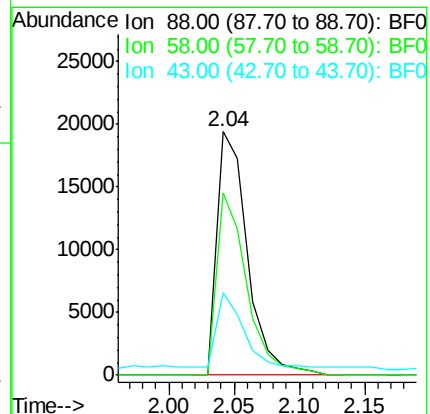
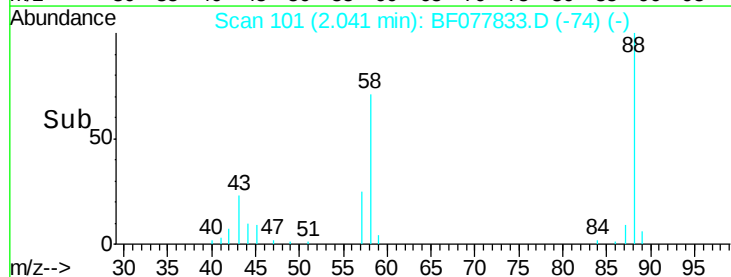
43 27.0 0.0 0.0#

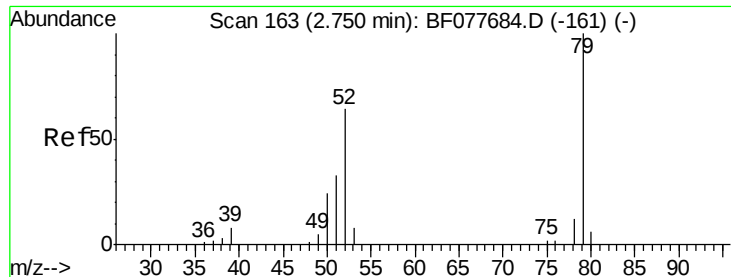


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.10 ng

RT: 2.74 min Scan# 162

Delta R.T. 0.02 min

Lab File: BF077833.D

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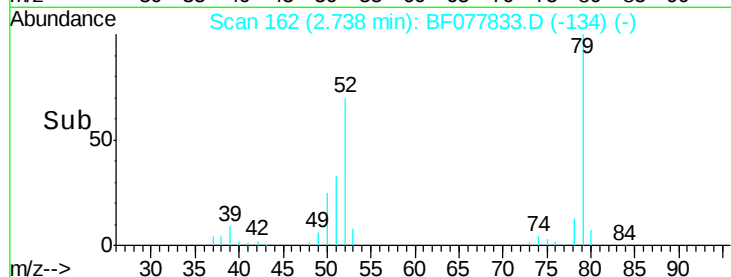
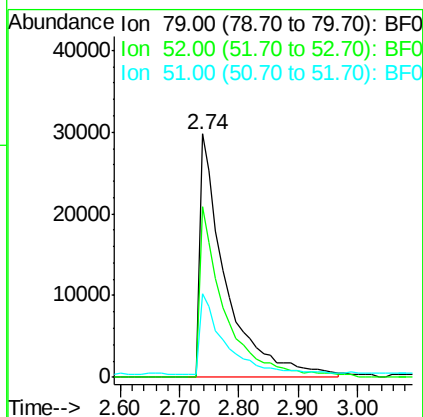
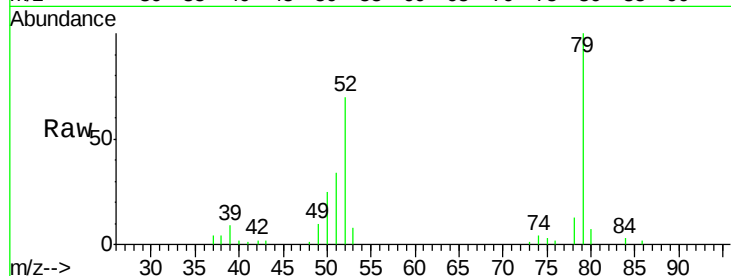
Tgt Ion: 79 Resp: 91647

Ion Ratio Lower Upper

79 100

52 70.0 51.1 76.7

51 34.1 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 33.96 ng

RT: 2.66 min Scan# 155

Delta R.T. 0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

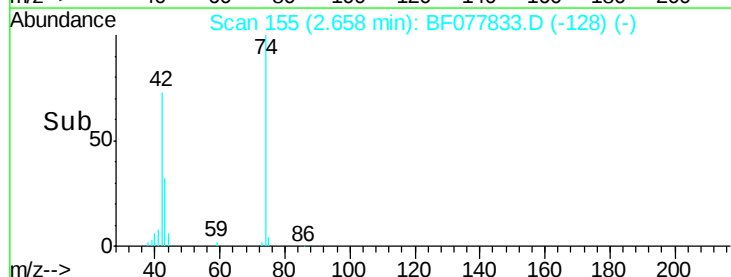
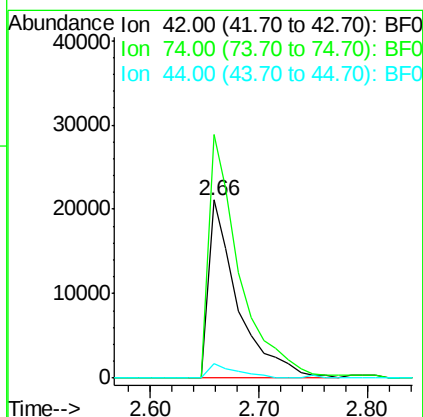
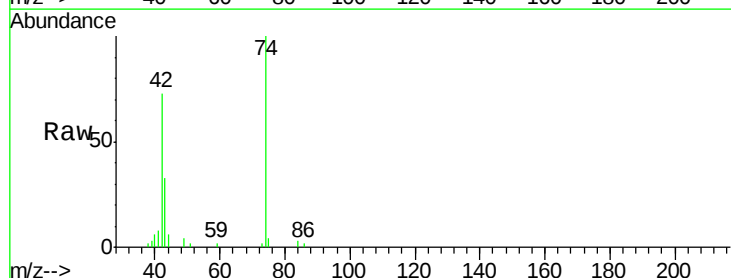
Tgt Ion: 42 Resp: 39730

Ion Ratio Lower Upper

42 100

74 136.7 119.3 178.9

44 8.3 5.4 8.2#





#5

2-Fluorophenol

Concen: 110.33 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

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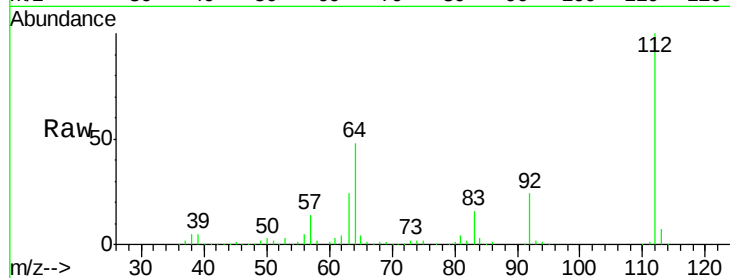
Tgt Ion: 112 Resp: 243030

Ion Ratio Lower Upper

112 100

64 47.8 38.6 57.8

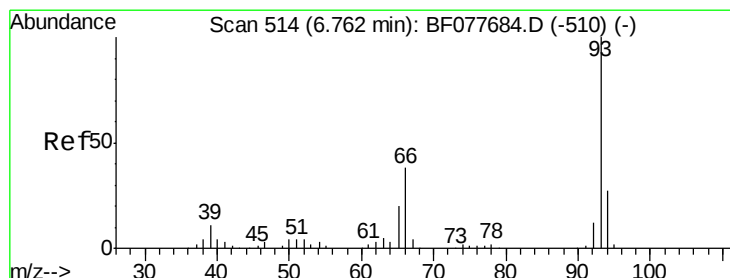
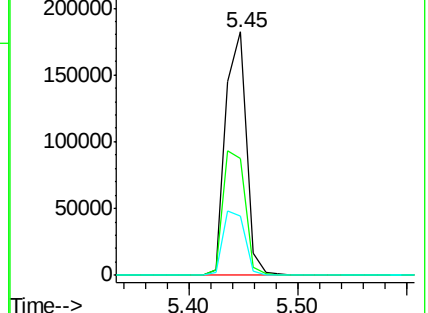
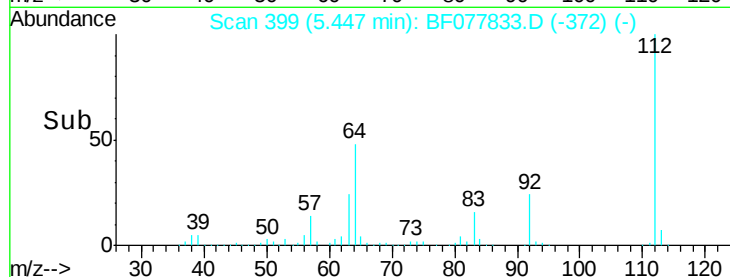
63 24.5 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.64 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

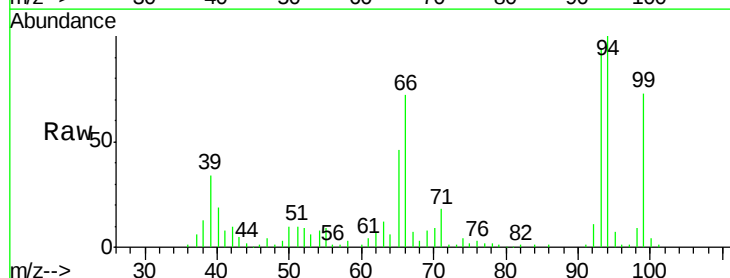
Tgt Ion: 93 Resp: 72550

Ion Ratio Lower Upper

93 100

66 77.1 30.8 46.2#

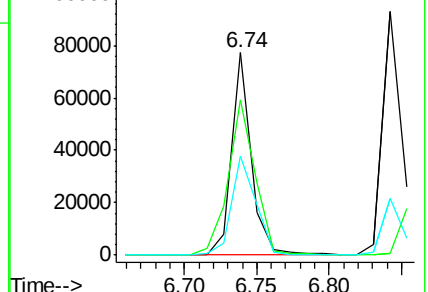
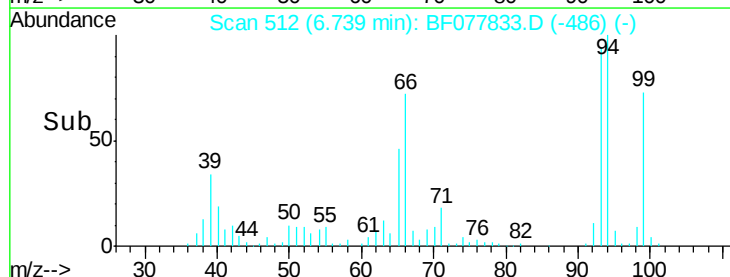
65 48.7 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.81 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

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Acq: 19 Mar 2015 16:23

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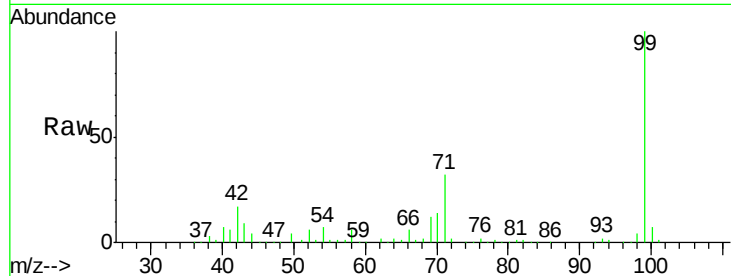
Tgt Ion: 99 Resp: 309750

Ion Ratio Lower Upper

99 100

42 16.9 11.0 16.4#

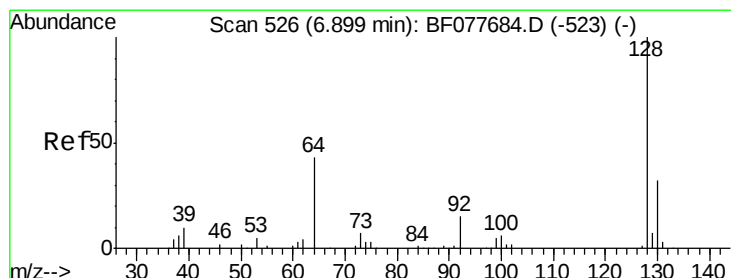
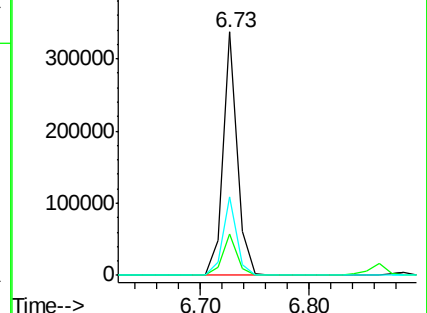
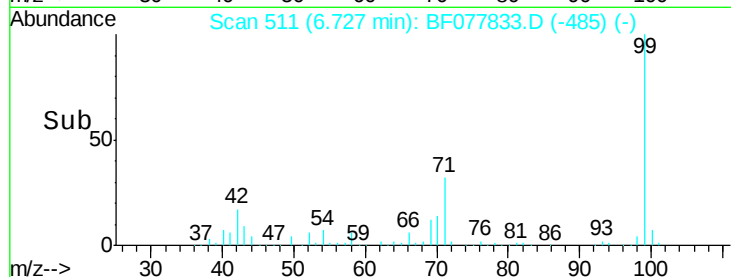
71 32.4 23.4 35.2



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: 37.00 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

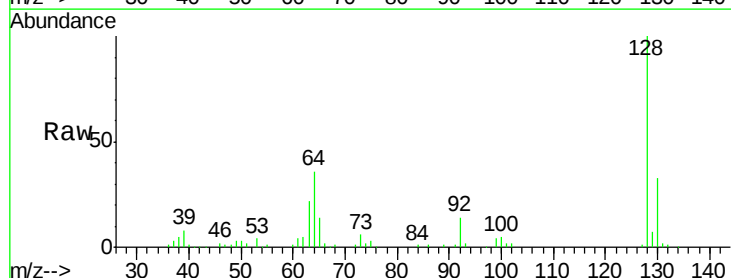
Tgt Ion: 128 Resp: 97012

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

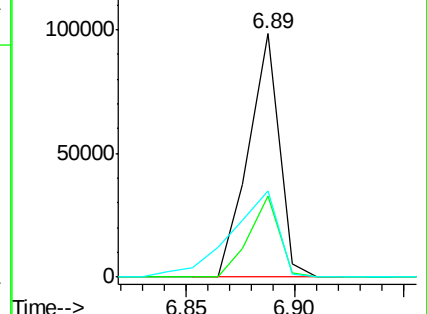
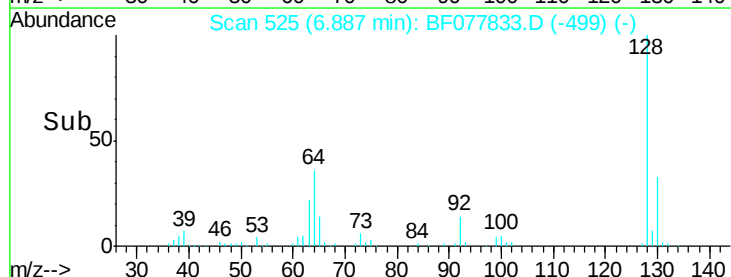
64 35.6 24.9 64.9



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: 5.15 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

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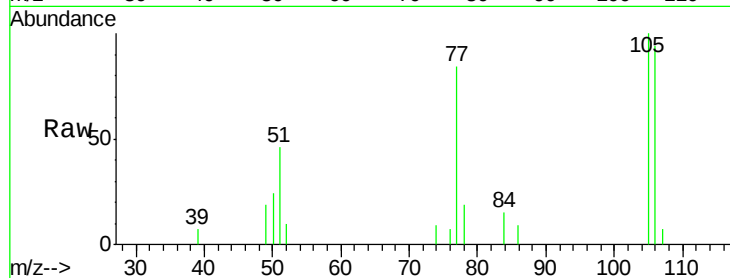
Tgt Ion: 77 Resp: 5741

Ion Ratio Lower Upper

77 100

105 119.2 78.8 118.8#

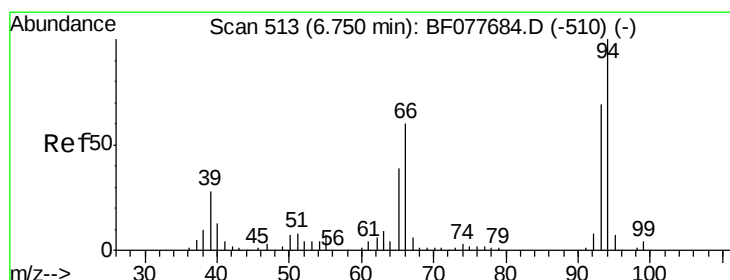
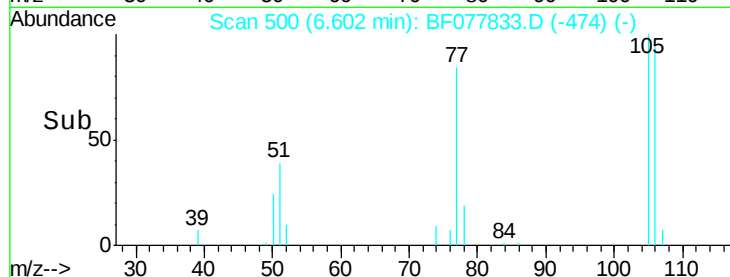
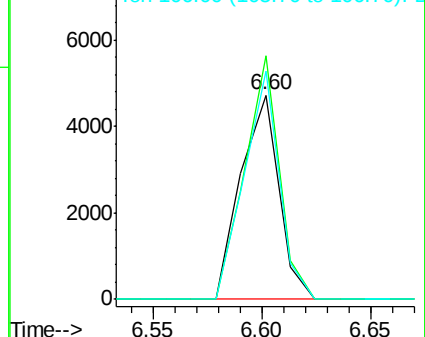
106 111.6 73.7 113.7



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: 35.78 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

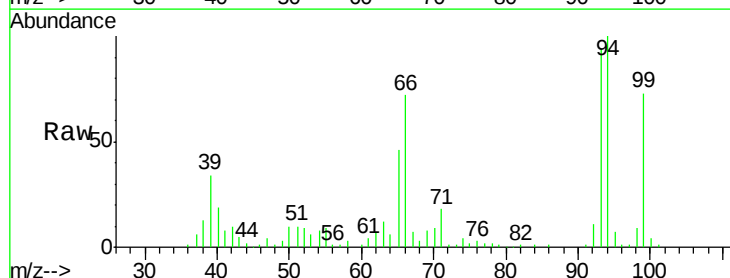
Tgt Ion: 94 Resp: 115104

Ion Ratio Lower Upper

94 100

65 45.6 18.8 58.8

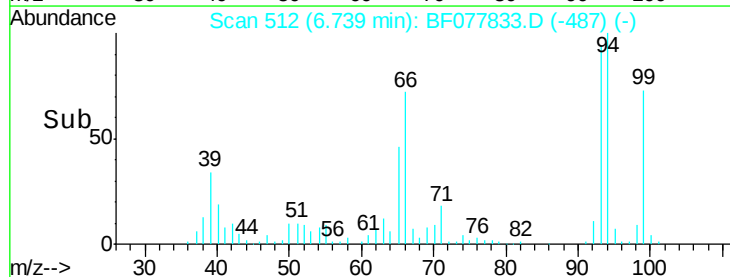
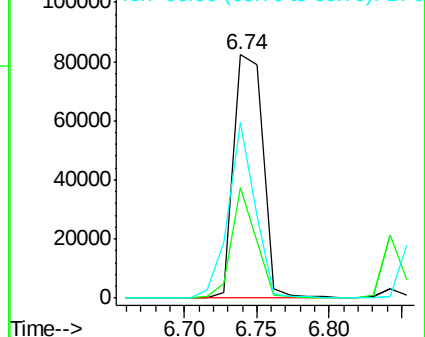
66 72.2 39.9 79.9

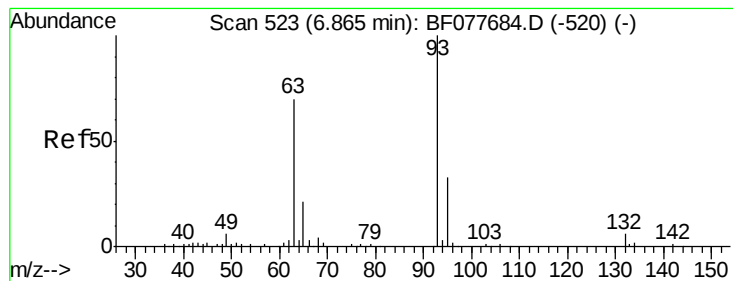


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.47 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

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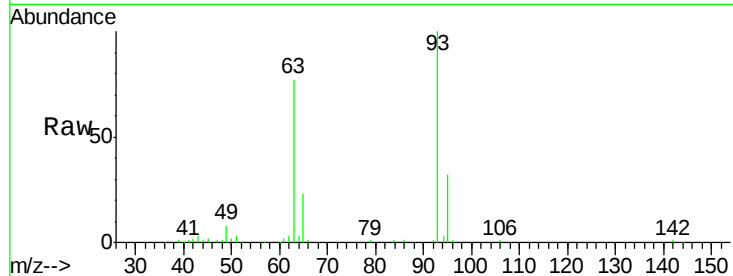
Tgt Ion: 93 Resp: 87883

Ion Ratio Lower Upper

93 100

63 77.4 49.5 89.5

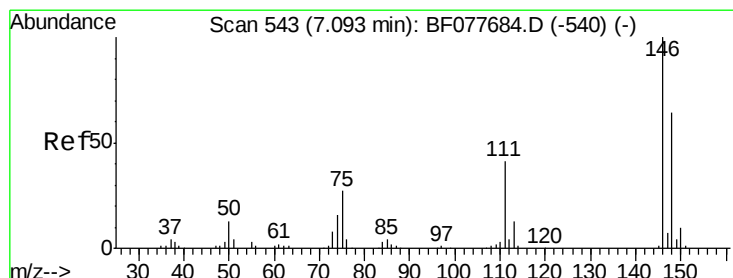
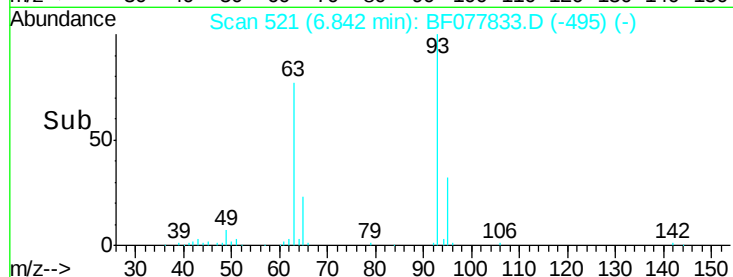
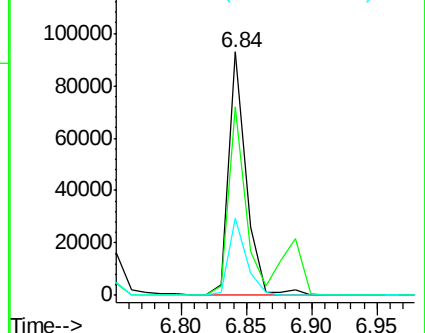
95 31.9 13.5 53.5



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: 34.19 ng

RT: 7.07 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

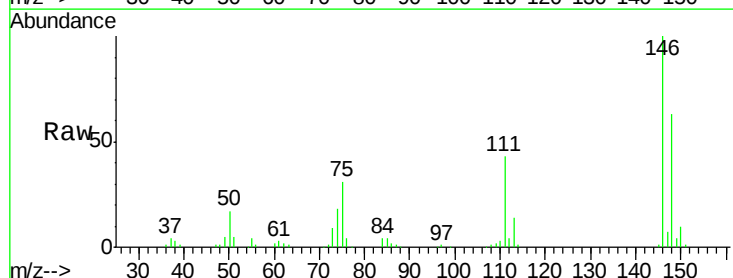
Tgt Ion: 146 Resp: 99697

Ion Ratio Lower Upper

146 100

148 63.1 50.9 76.3

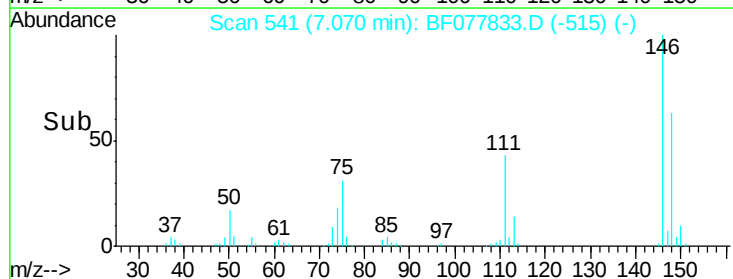
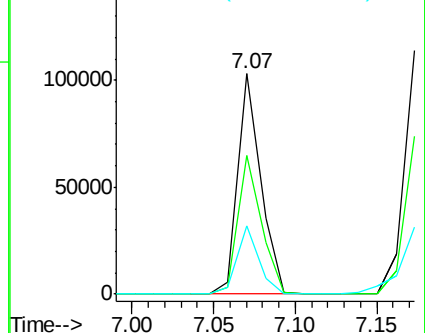
75 30.8 21.4 32.2



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

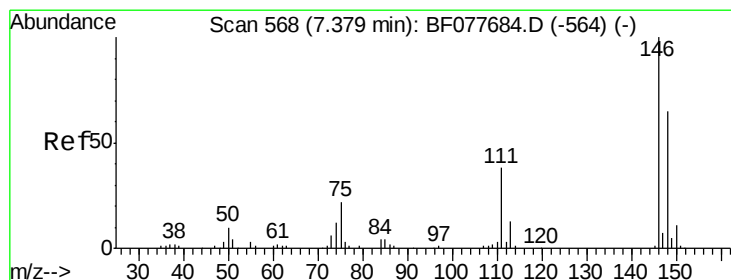
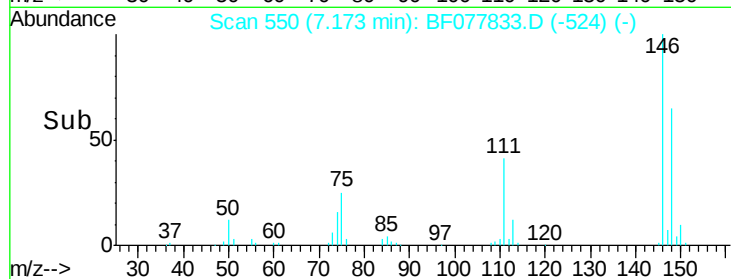
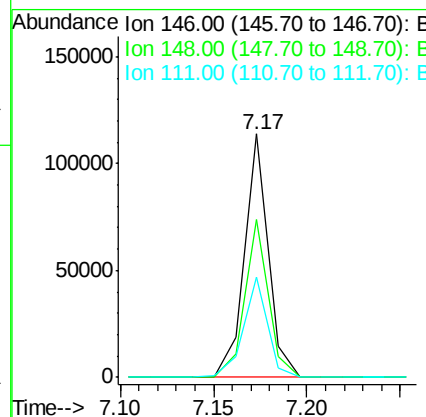
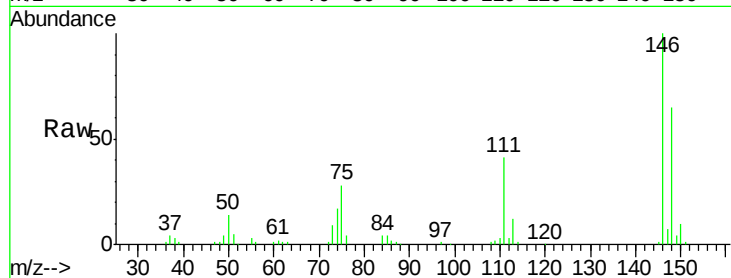




#13
 1,4-Dichlorobenzene
 Concen: 33.38 ng
 RT: 7.17 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

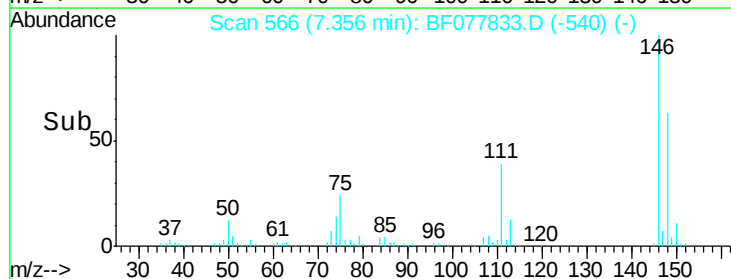
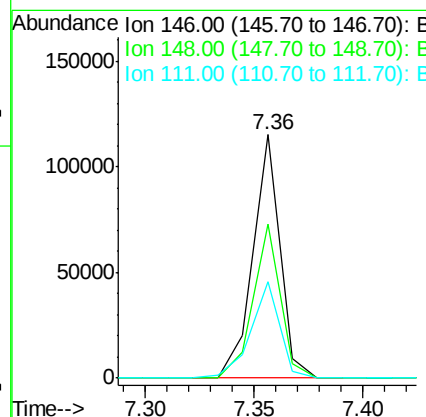
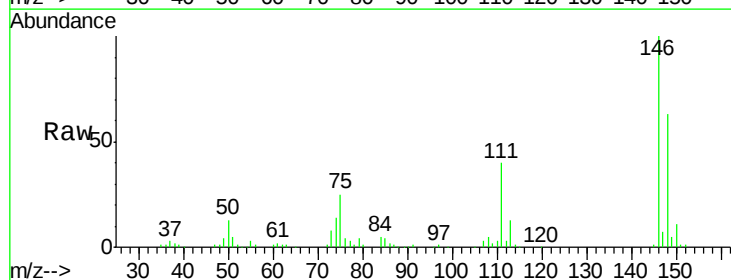
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

Tgt Ion:146 Resp: 101148
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 41.1 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 35.78 ng
 RT: 7.36 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion:146 Resp: 99387
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.3 78.5
 111 39.8 30.6 45.8

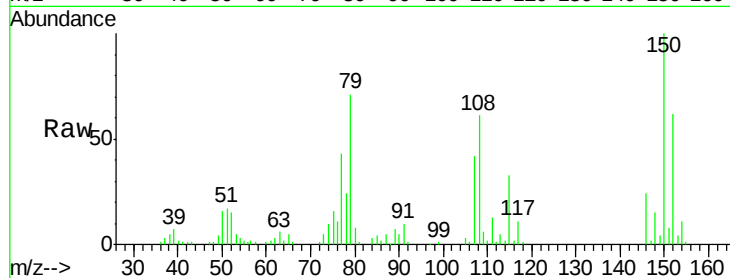




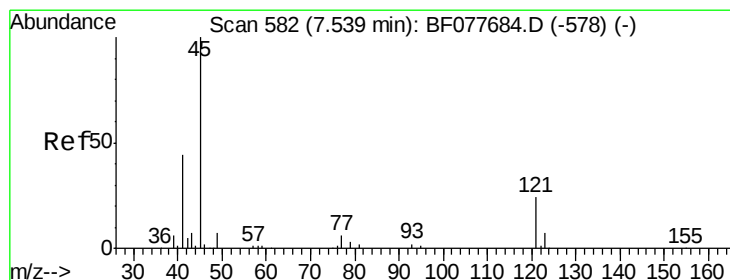
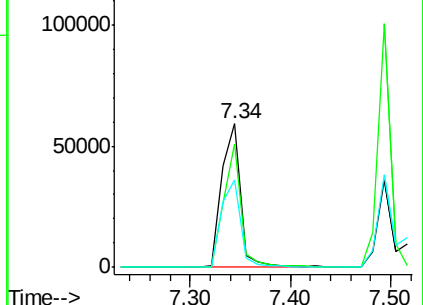
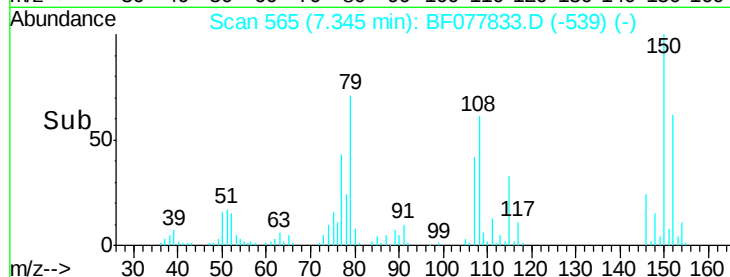
#15
Benzyl Alcohol
Concen: 36.22 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Tgt Ion: 79 Resp: 76955
Ion Ratio Lower Upper
79 100
108 85.9 65.0 97.4
77 60.5 53.0 79.6

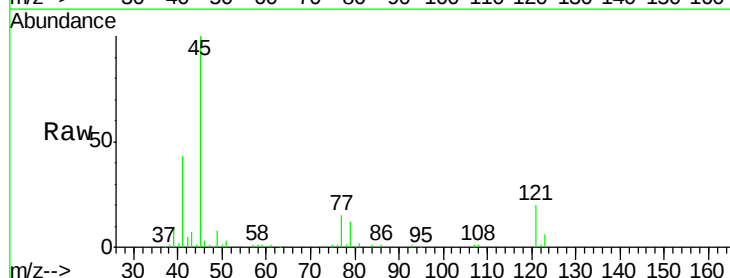


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

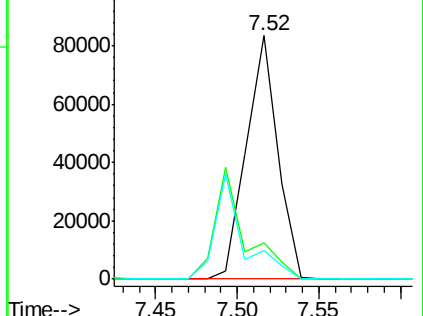
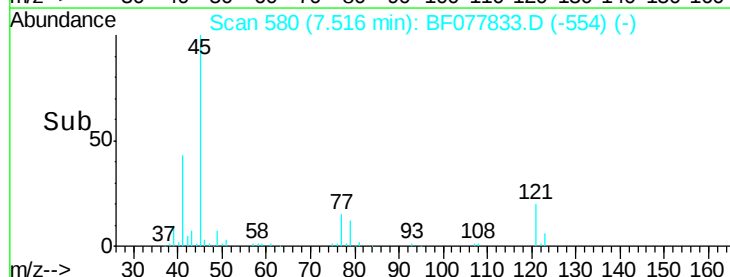


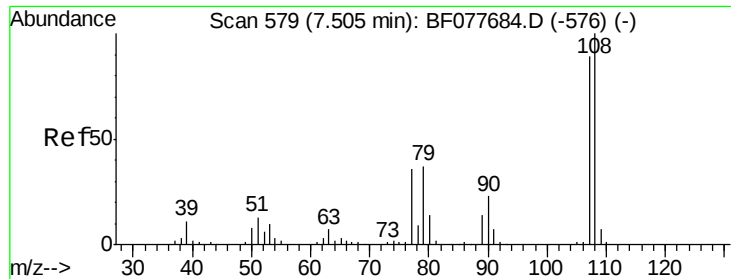
#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.19 ng
RT: 7.52 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Tgt Ion: 45 Resp: 111019
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.2
79 11.7 0.0 32.0



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

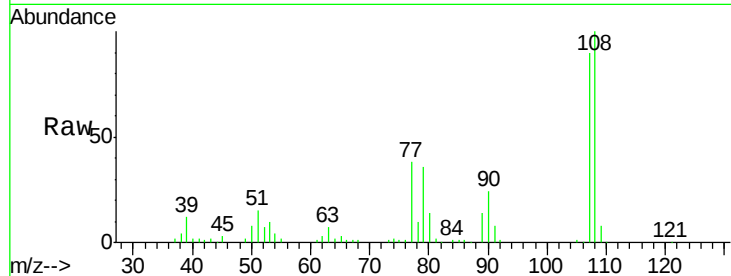




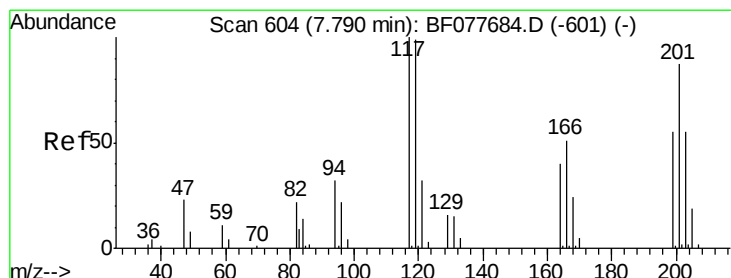
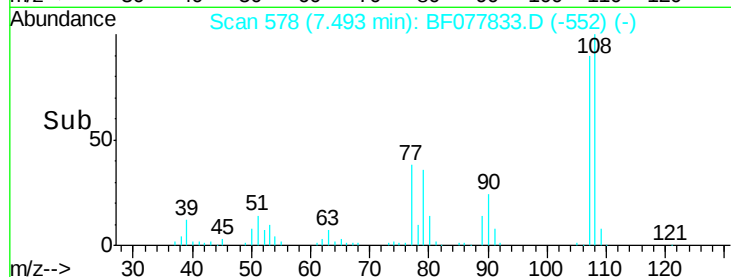
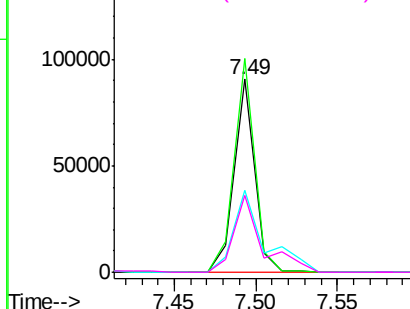
#17
2-Methylphenol
Concen: 36.28 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Tgt Ion:107 Resp: 77434
Ion Ratio Lower Upper
107 100
108 110.8 89.8 134.8
77 42.2 32.6 48.8
79 40.0 32.8 49.2

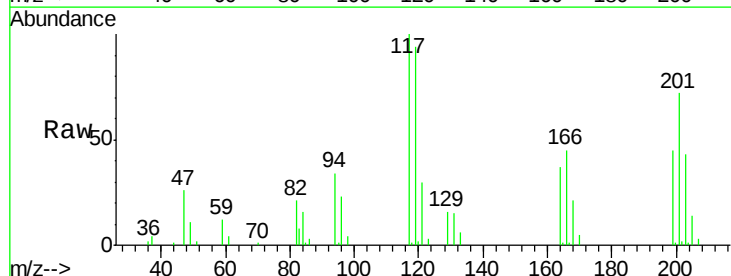


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

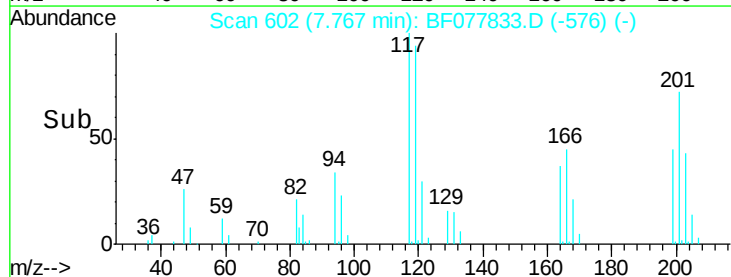
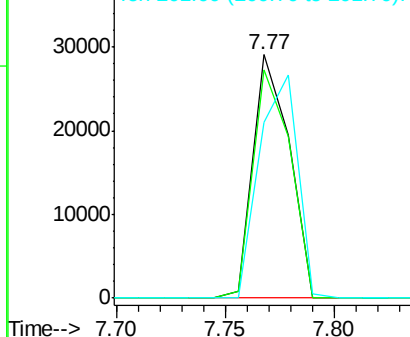


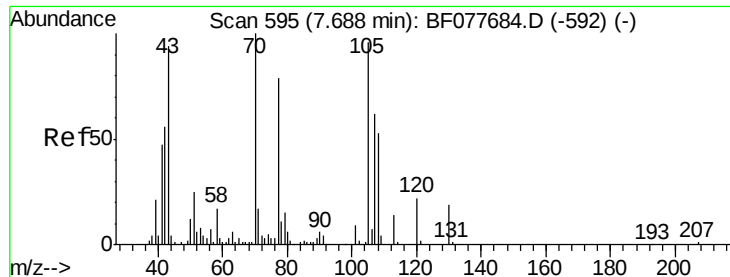
#18
Hexachloroethane
Concen: 34.06 ng
RT: 7.77 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Tgt Ion:117 Resp: 33846
Ion Ratio Lower Upper
117 100
119 93.7 79.2 118.8
201 71.9 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

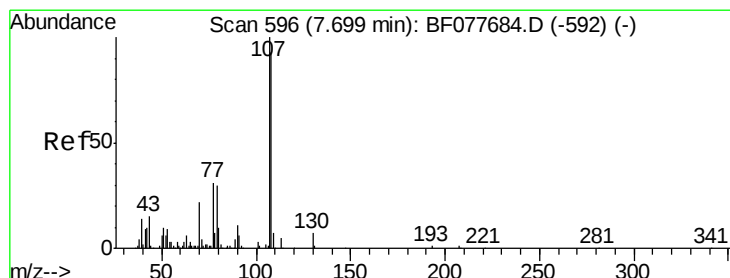
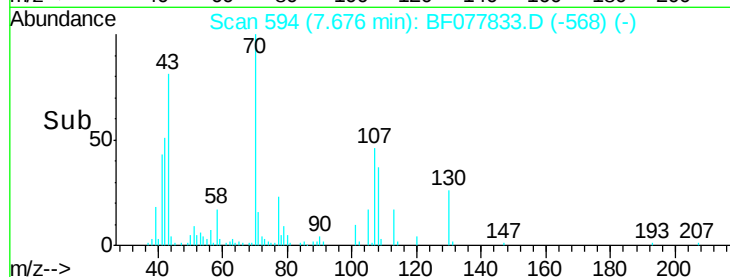
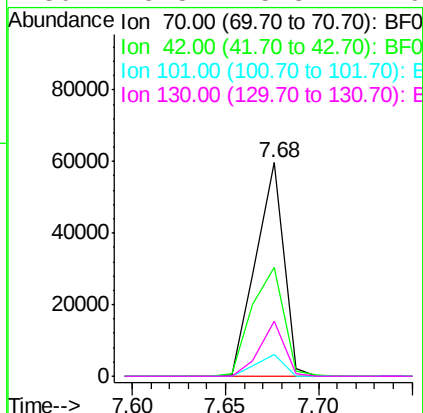
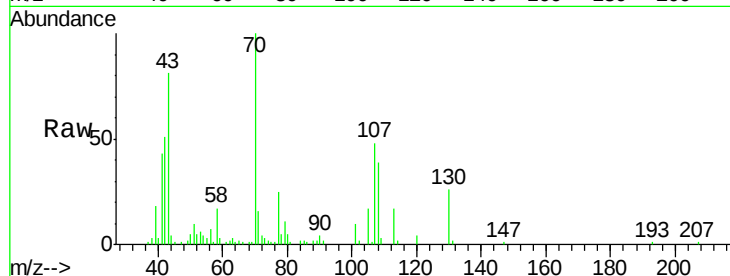




#19
n-Nitroso-di-n-propylamine
Concen: 32.95 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

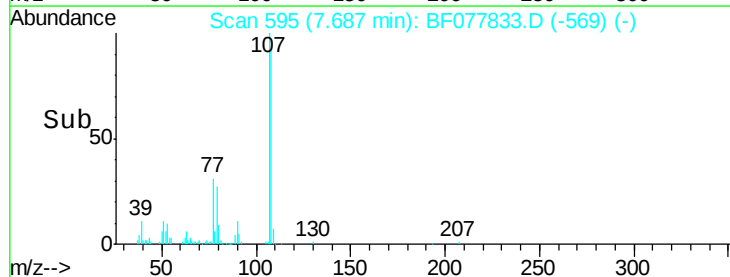
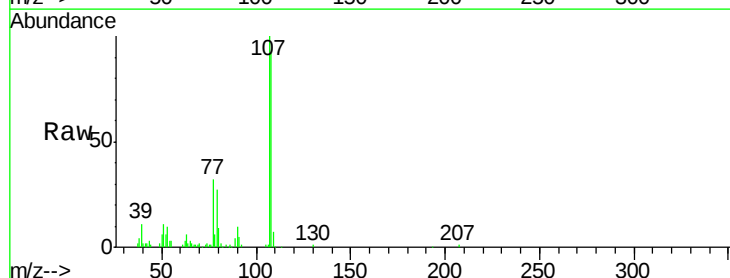
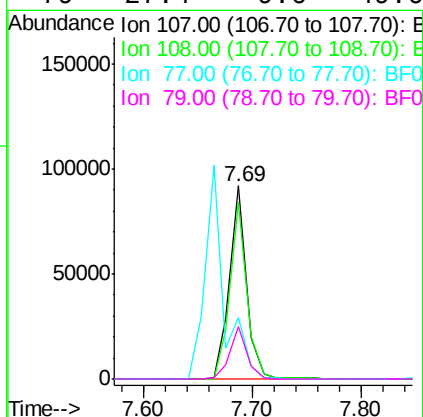
Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Tgt Ion: 70 Resp: 62039
Ion Ratio Lower Upper
70 100
42 51.0 44.5 66.7
101 10.0 7.4 11.2
130 25.8 15.3 22.9#



#20
3+4-Methylphenols
Concen: 35.59 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Tgt Ion:107 Resp: 99689
Ion Ratio Lower Upper
107 100
108 91.8 73.2 113.2
77 31.6 10.7 50.7
79 27.4 9.6 49.6

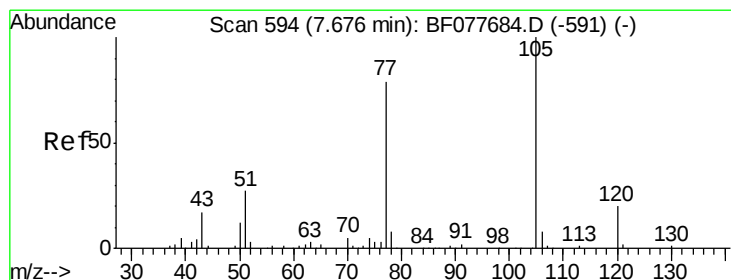
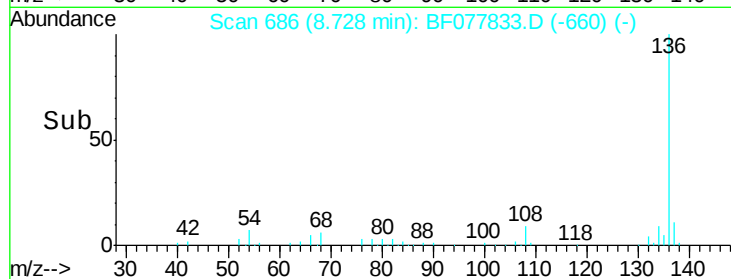
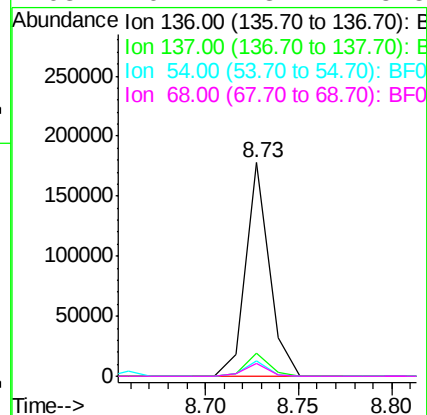
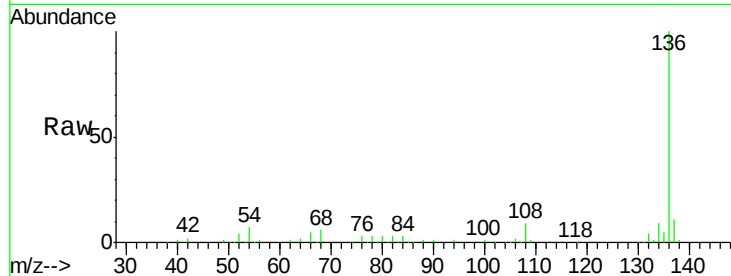




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

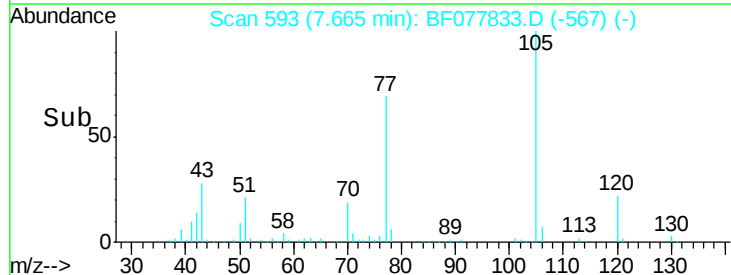
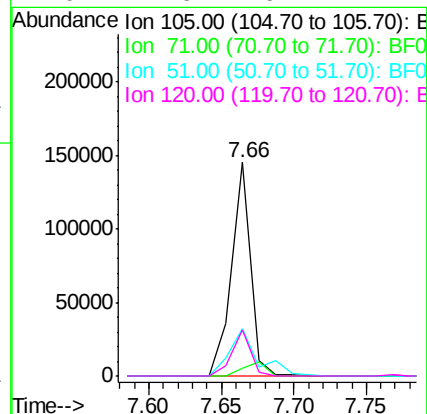
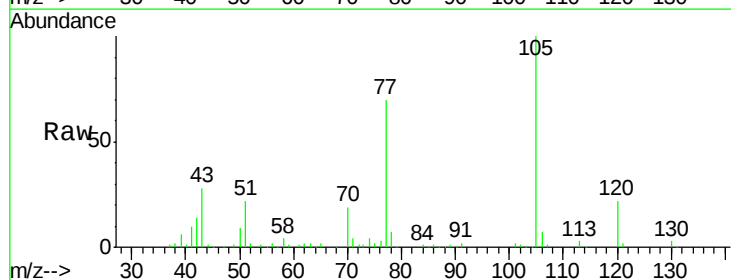
Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Tgt Ion:	136	Resp:	156230
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.2	4.6	6.8#
68	6.2	3.7	5.5#



#22
Acetophenone
Concen: 38.33 ng
RT: 7.66 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Tgt Ion:	105	Resp:	132579
Ion	Ratio	Lower	Upper
105	100		
71	3.7	0.6	1.0#
51	22.1	21.6	32.4
120	21.6	16.1	24.1

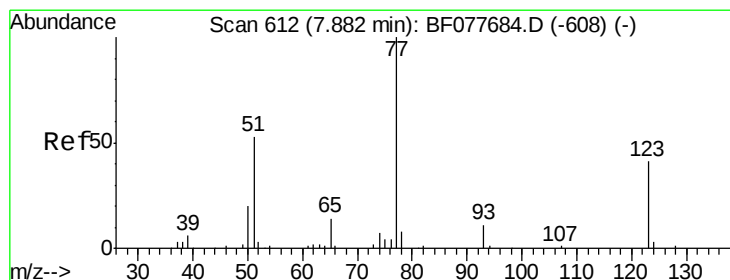
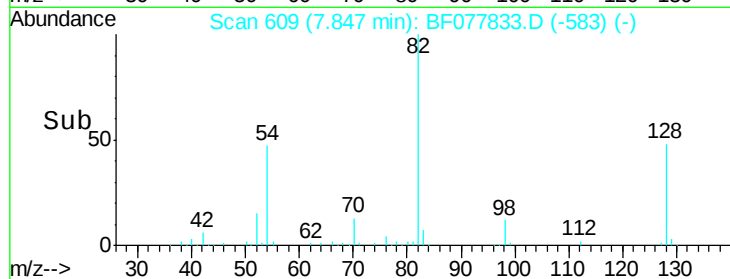
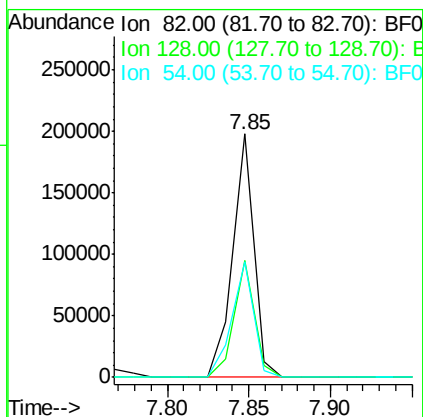
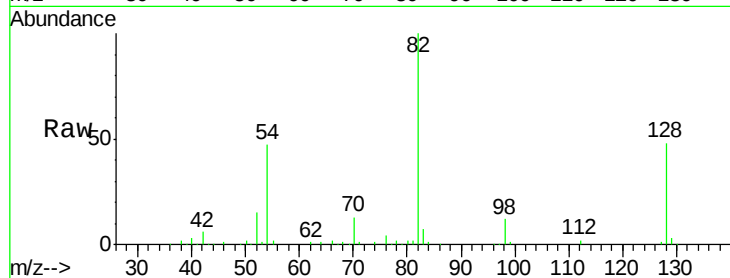




#23
 Nitrobenzene-d5
 Concen: 74.04 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

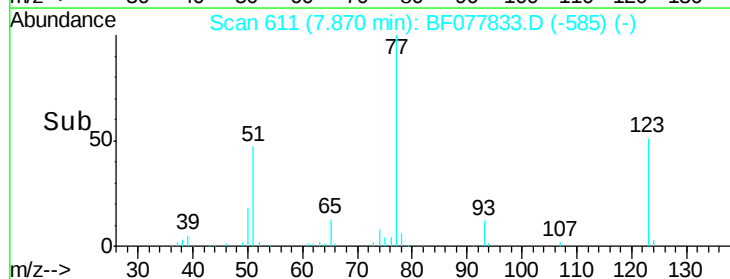
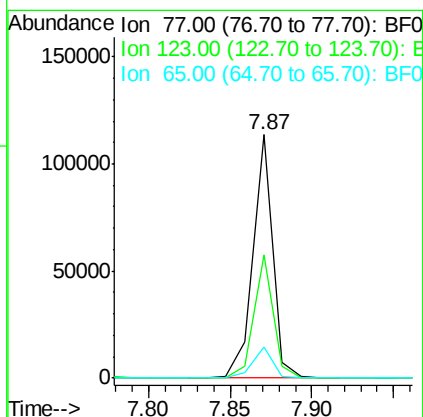
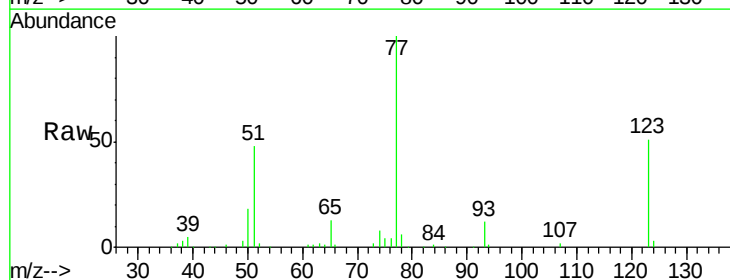
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

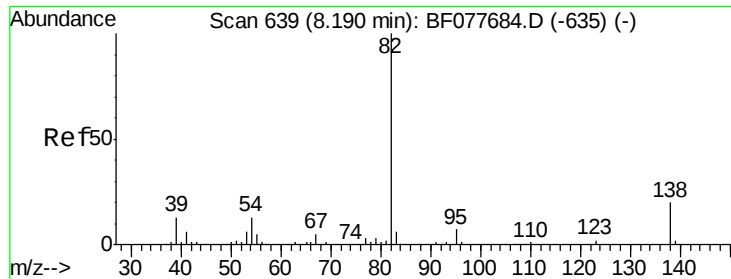
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.0	32.8	49.2
54	47.4	40.6	60.8



#24
 Nitrobenzene
 Concen: 37.11 ng
 RT: 7.87 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	32.6	49.0#
65	13.0	10.9	16.3





#25

Isophorone

Concen: 33.60 ng

RT: 8.17 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

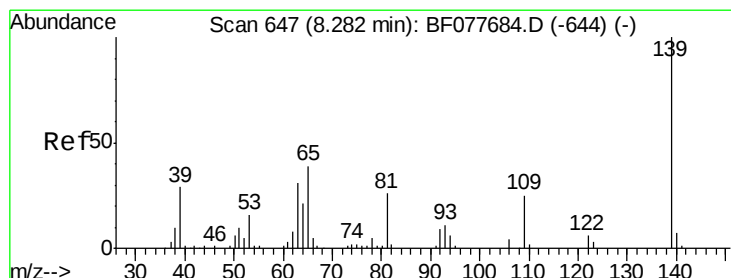
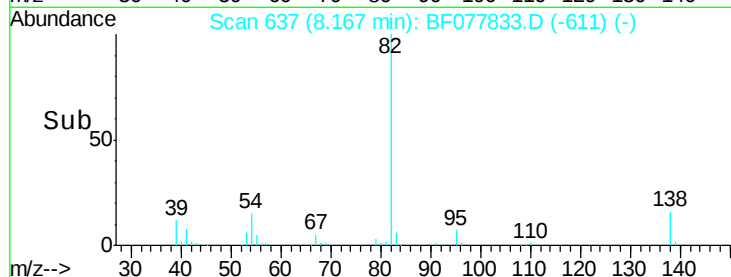
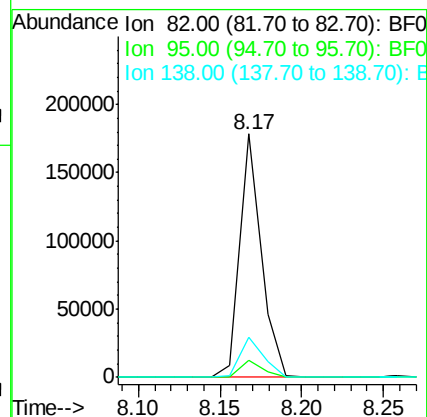
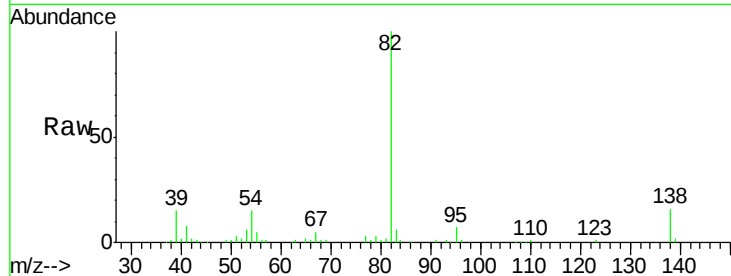
Tgt Ion: 82 Resp: 161742

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 16.2 16.3 24.5#



#26

2-Nitrophenol

Concen: 35.49 ng

RT: 8.26 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

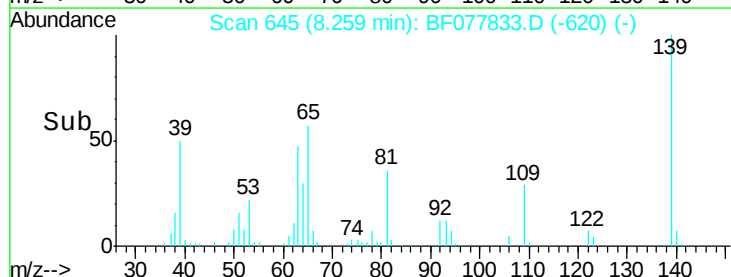
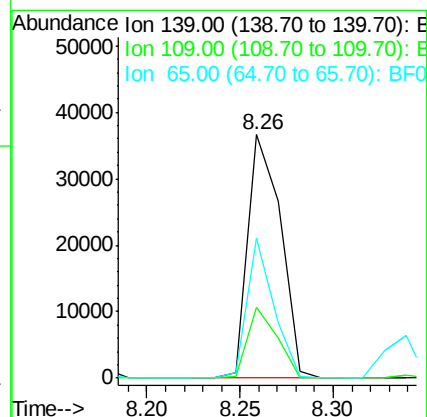
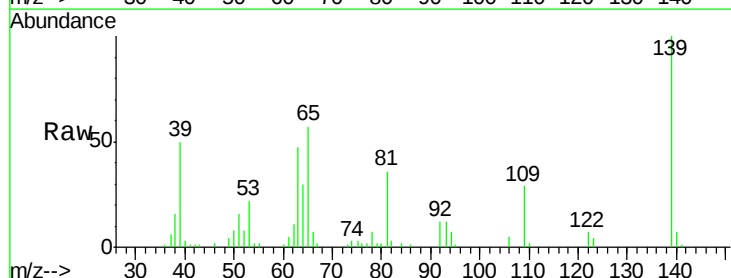
Tgt Ion: 139 Resp: 44610

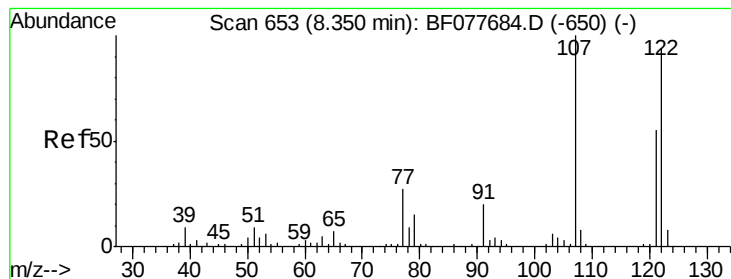
Ion Ratio Lower Upper

139 100

109 29.0 20.1 30.1

65 57.5 31.5 47.3#

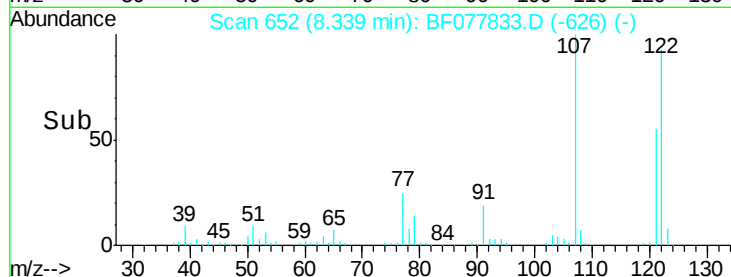
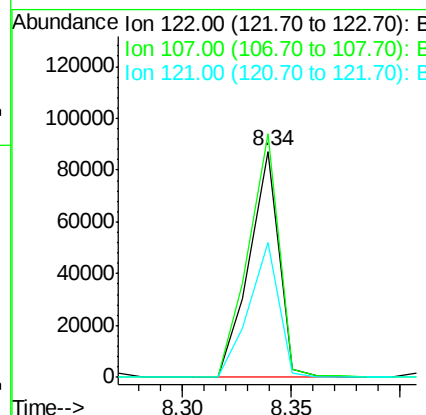
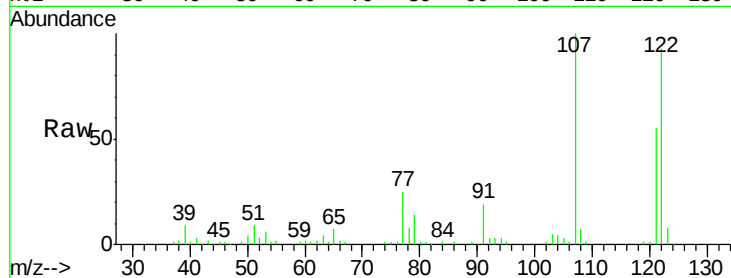




#27
 2,4-Dimethylphenol
 Concen: 36.27 ng
 RT: 8.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

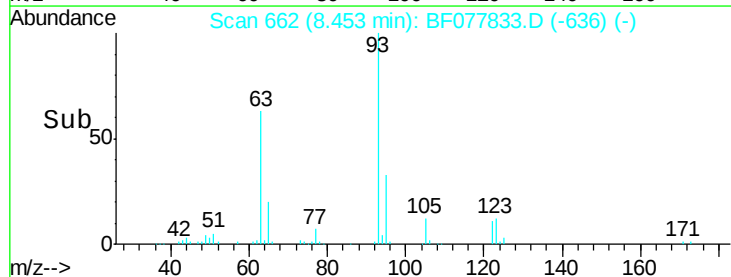
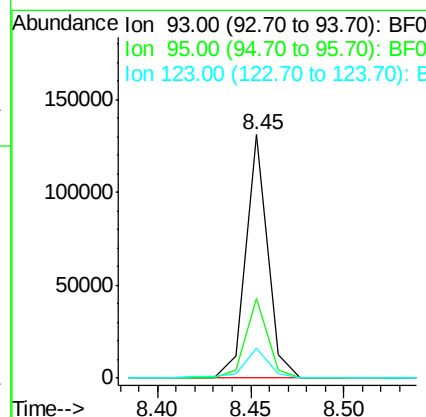
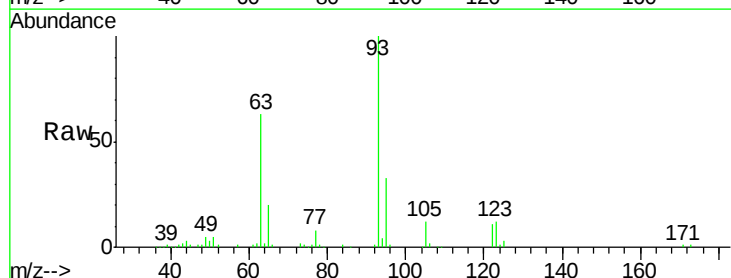
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

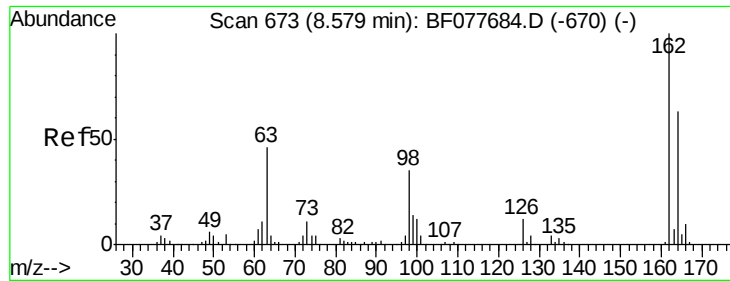
Tgt Ion: 122 Resp: 83062
 Ion Ratio Lower Upper
 122 100
 107 107.7 84.7 127.1
 121 59.8 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.59 ng
 RT: 8.45 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion: 93 Resp: 106908
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.5 38.3
 123 12.2 8.6 13.0

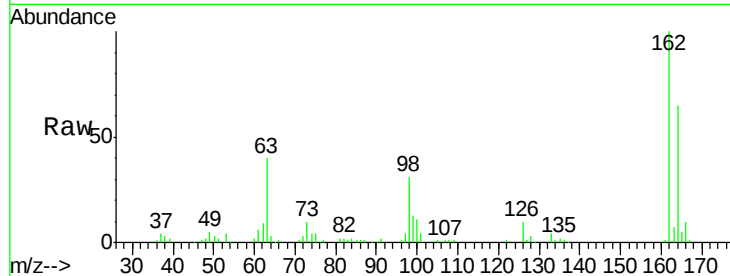




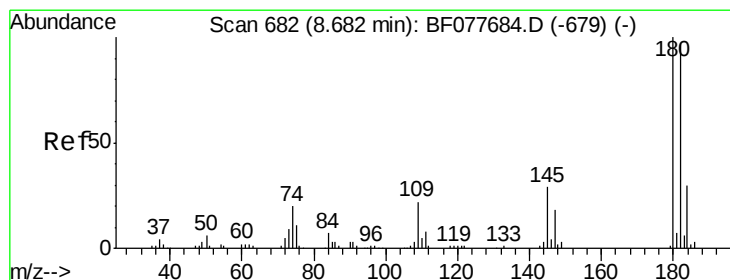
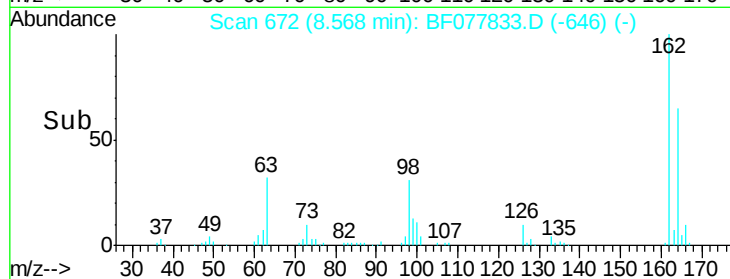
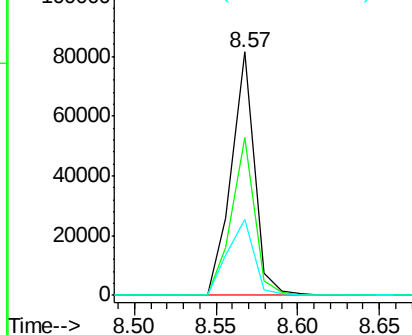
#29
2,4-Dichlorophenol
Concen: 36.67 ng
RT: 8.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Tgt Ion:162 Resp: 80051
Ion Ratio Lower Upper
162 100
164 65.0 42.8 82.8
98 31.1 14.5 54.5

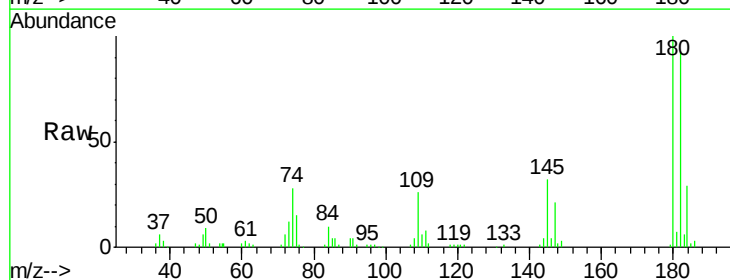


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

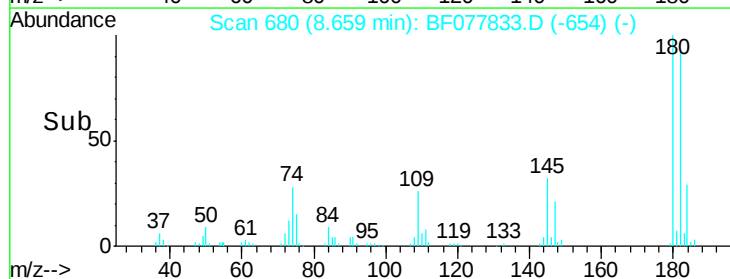
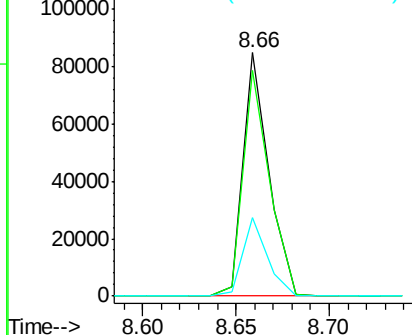


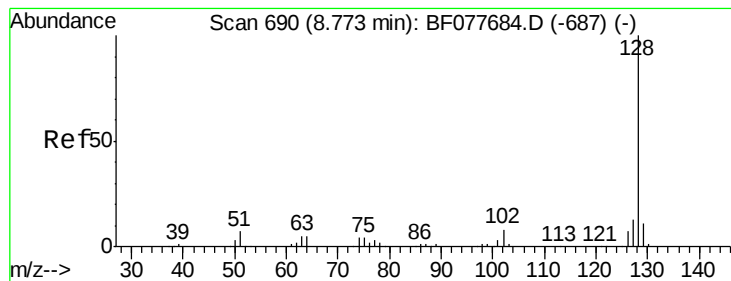
#30
1,2,4-Trichlorobenzene
Concen: 33.36 ng
RT: 8.66 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Tgt Ion:180 Resp: 81488
Ion Ratio Lower Upper
180 100
182 92.7 77.6 116.4
145 32.2 23.4 35.2



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





#31

Naphthalene

Concen: 33.90 ng

RT: 8.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

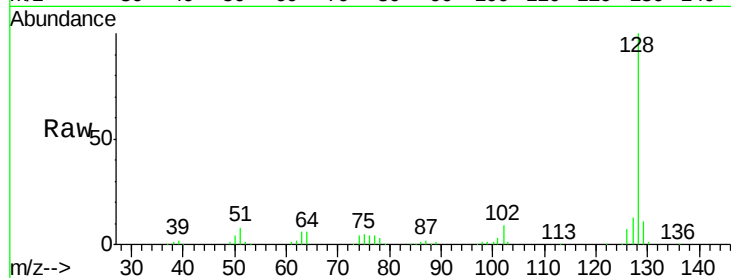
Tgt Ion:128 Resp: 272030

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

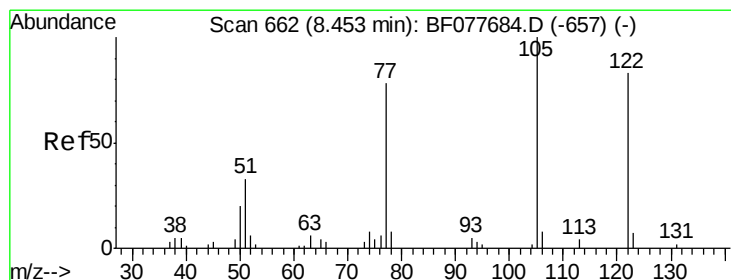
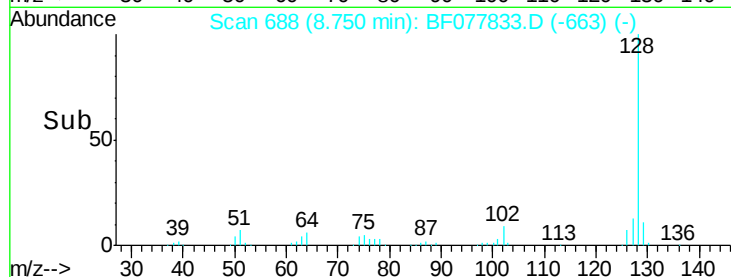
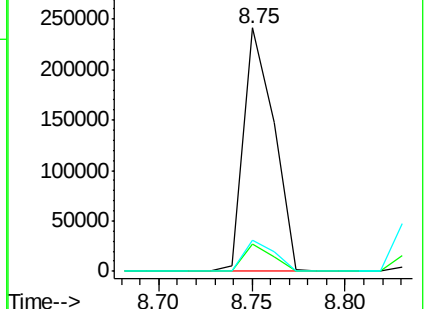
127 12.7 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.23 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

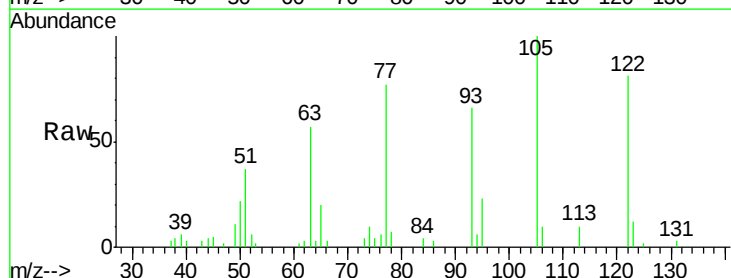
Tgt Ion:122 Resp: 41153

Ion Ratio Lower Upper

122 100

105 122.7 99.9 139.9

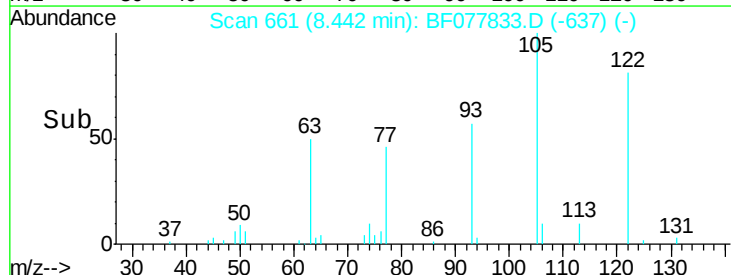
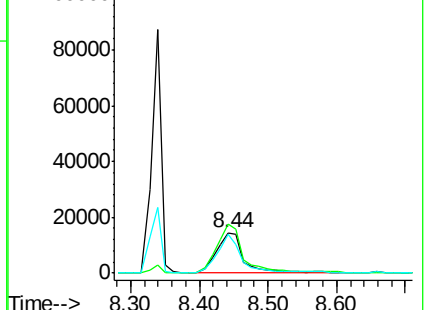
77 94.6 73.7 113.7

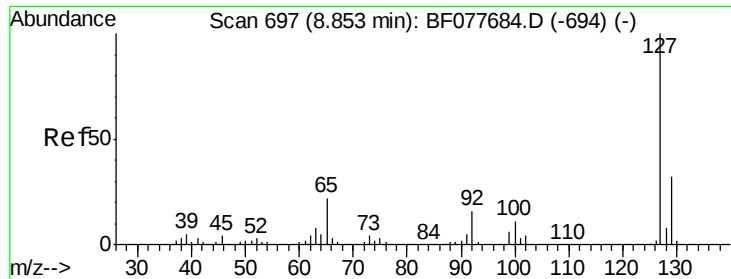


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

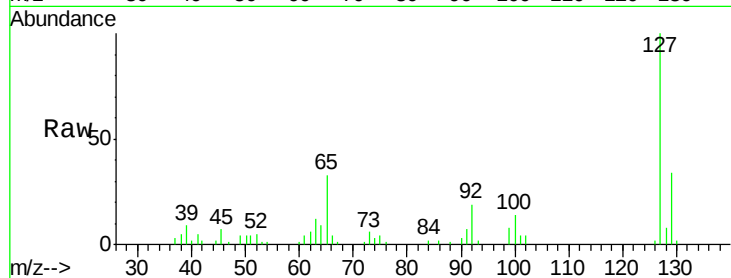




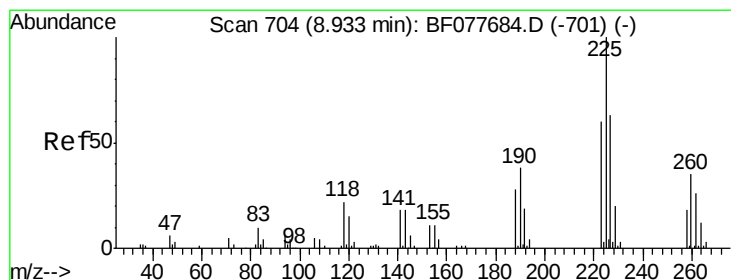
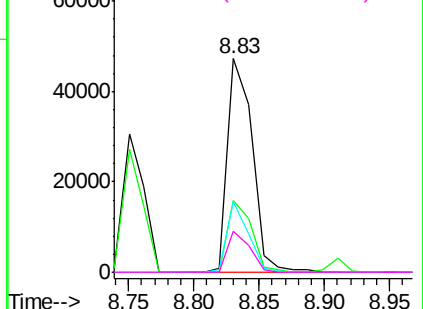
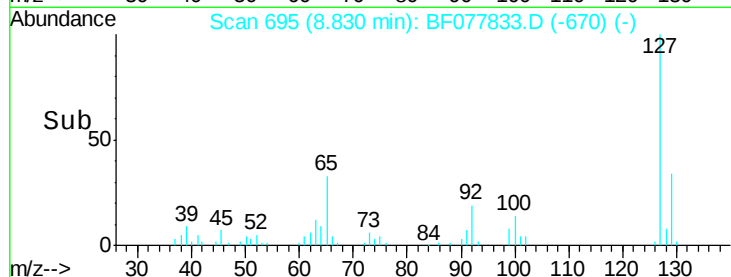
#33
4-Chloroaniline
Concen: 19.20 ng
RT: 8.83 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Tgt Ion:	127	Resp:	62537
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.3	37.9
65	32.9	17.6	26.4
92	19.2	13.1	19.7

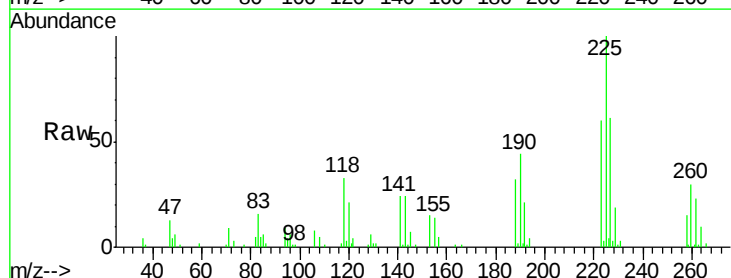


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

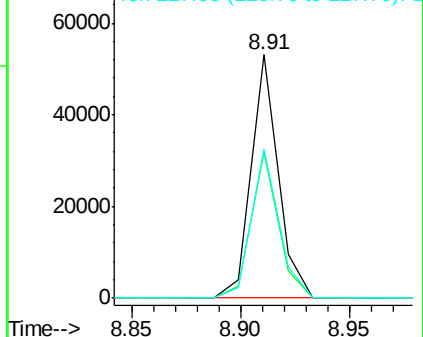
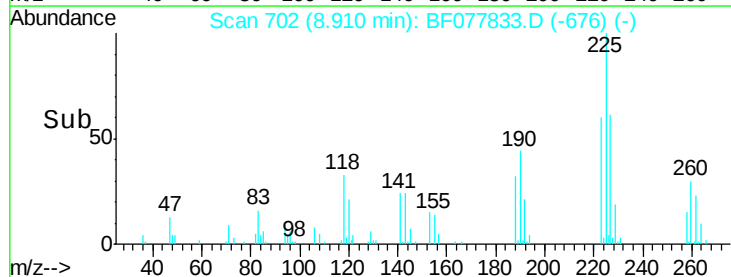


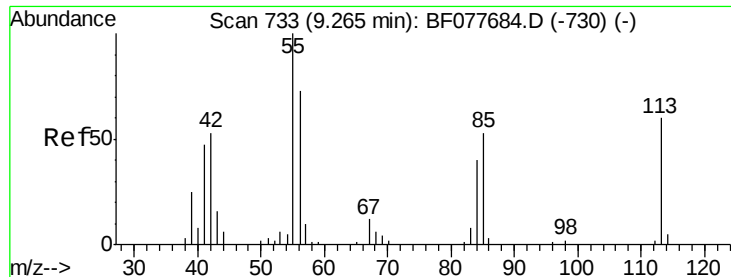
#34
Hexachlorobutadiene
Concen: 33.09 ng
RT: 8.91 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Tgt Ion:	225	Resp:	45811
Ion	Ratio	Lower	Upper
225	100		
223	60.2	47.9	71.9
227	61.0	50.1	75.1



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

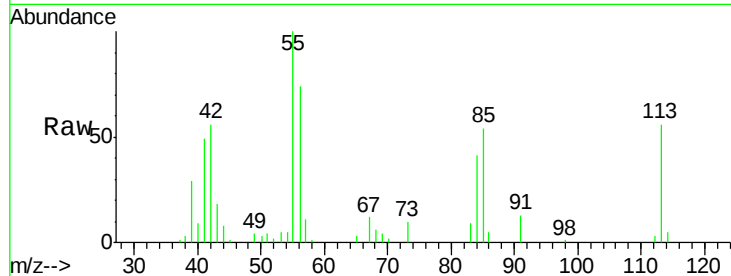




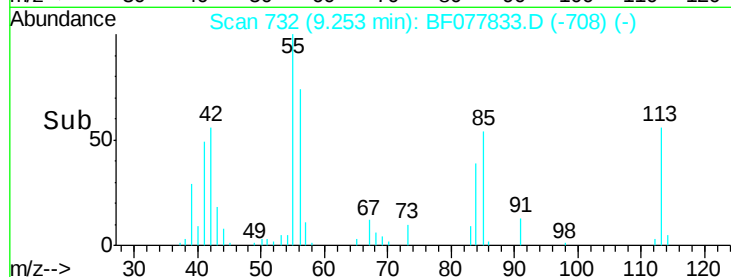
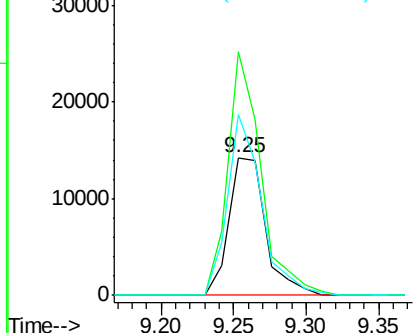
#35
 Caprolactam
 Concen: 39.23 ng
 RT: 9.25 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

Tgt Ion:113 Resp: 25029
 Ion Ratio Lower Upper
 113 100
 55 177.0 145.9 185.9
 56 131.4 101.0 141.0

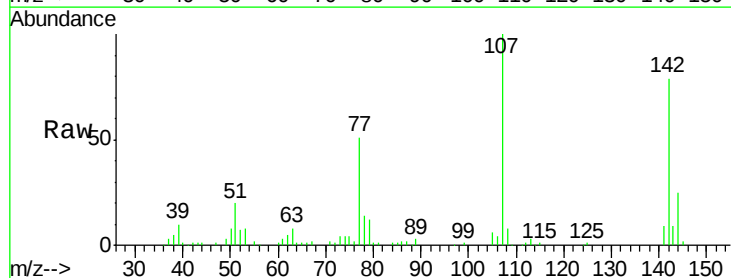


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

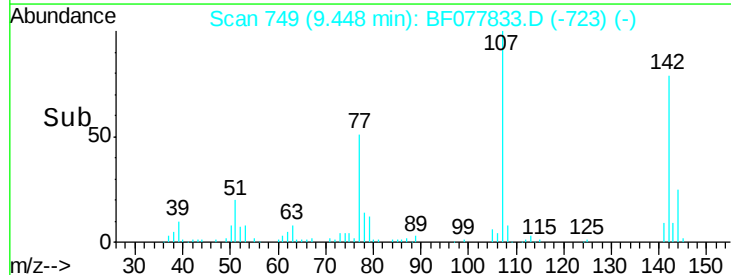
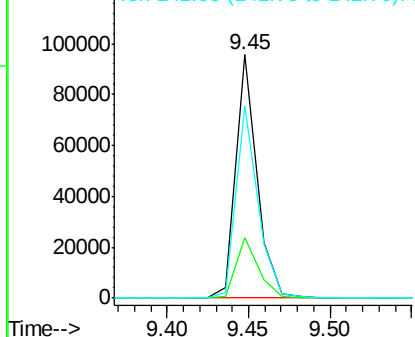


#36
 4-Chloro-3-methylphenol
 Concen: 38.54 ng
 RT: 9.45 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion:107 Resp: 84655
 Ion Ratio Lower Upper
 107 100
 144 24.8 23.3 34.9
 142 79.1 72.6 109.0



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

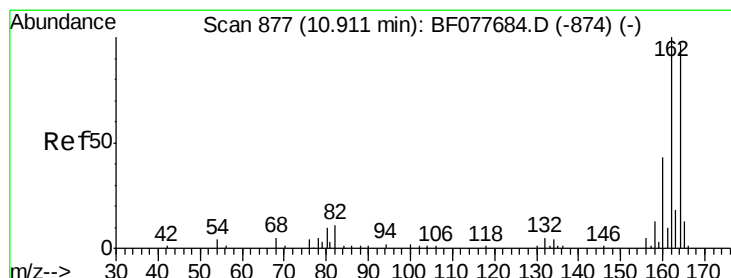
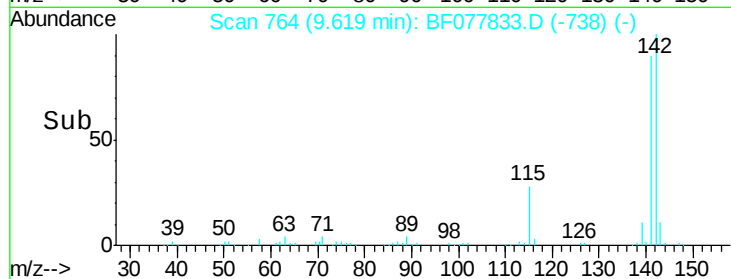
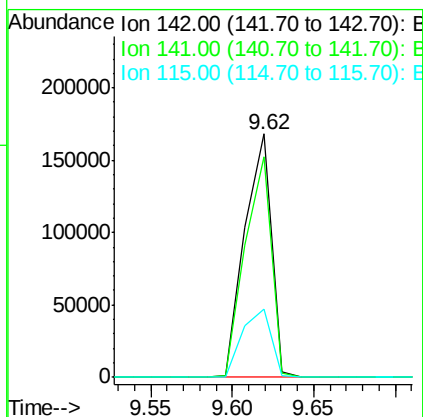
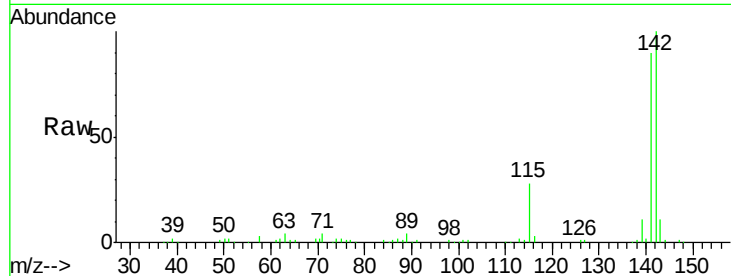




#37
 2-Methylnaphthalene
 Concen: 35.30 ng
 RT: 9.62 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

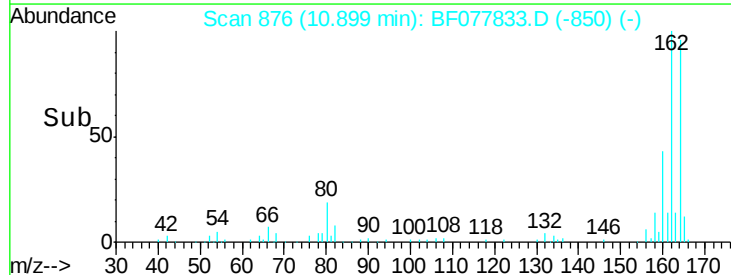
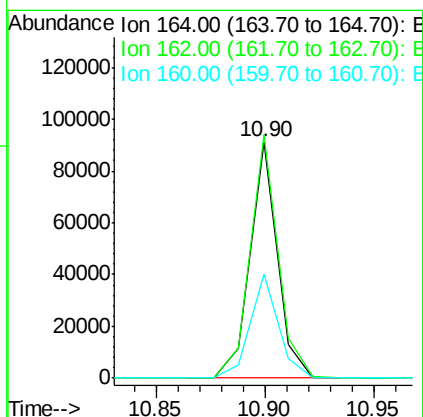
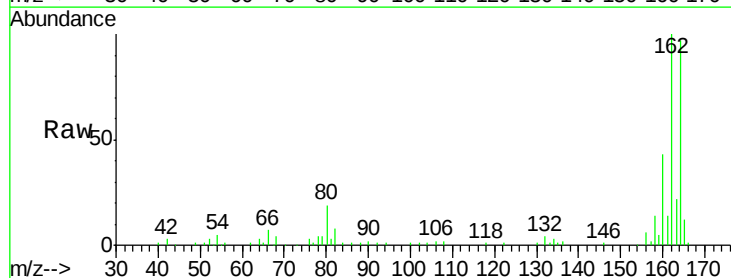
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

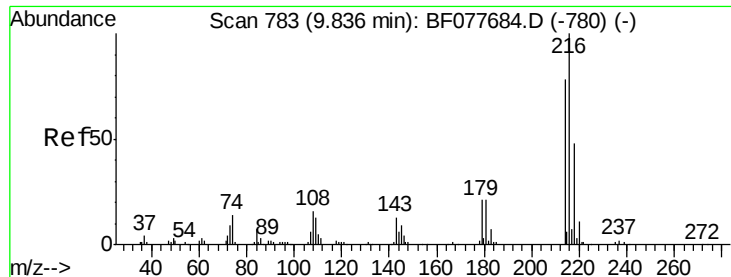
Tgt Ion:142 Resp: 190308
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.9 107.9
 115 28.1 25.4 38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion:164 Resp: 79533
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.4 123.6
 160 44.0 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.29 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

Tgt Ion:216 Resp: 76603

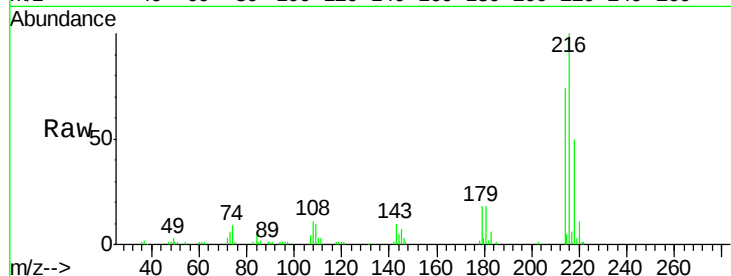
Ion Ratio Lower Upper

216 100

214 78.2 0.0 0.0#

179 21.5 0.0 0.0#

108 20.2 0.0 0.0#

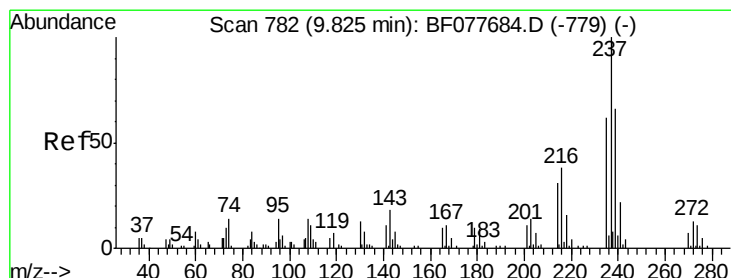
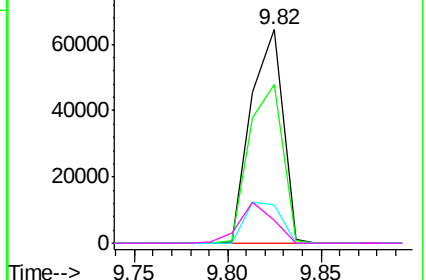
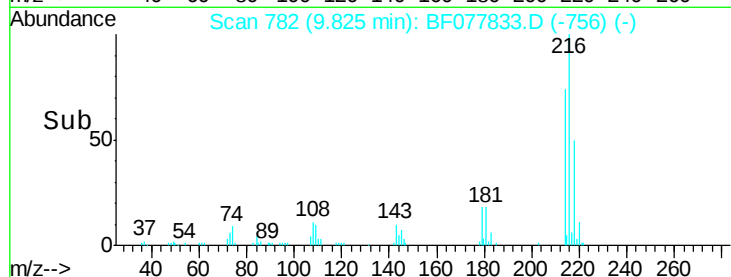


Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.78 ng

RT: 9.80 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

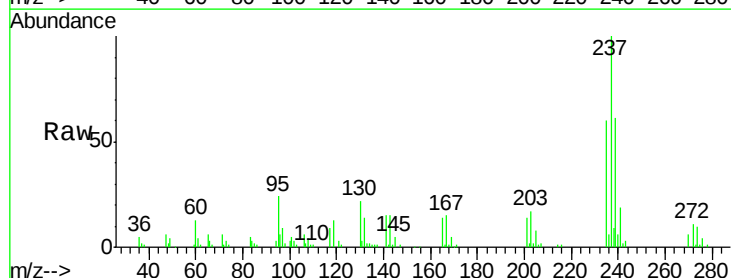
Tgt Ion:237 Resp: 78649

Ion Ratio Lower Upper

237 100

235 60.1 42.0 82.0

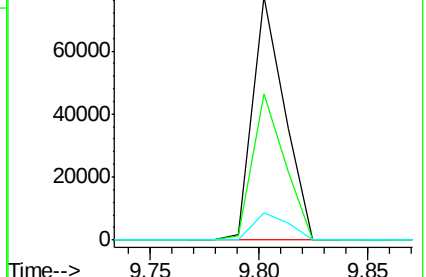
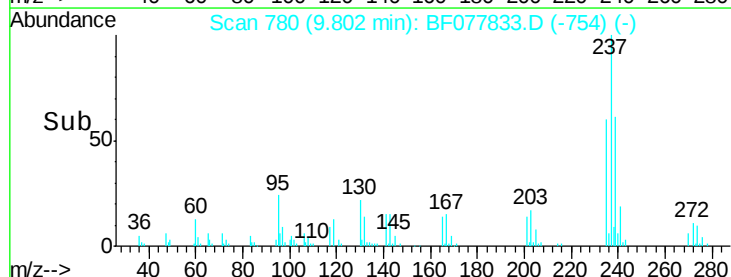
272 11.0 0.0 33.4



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

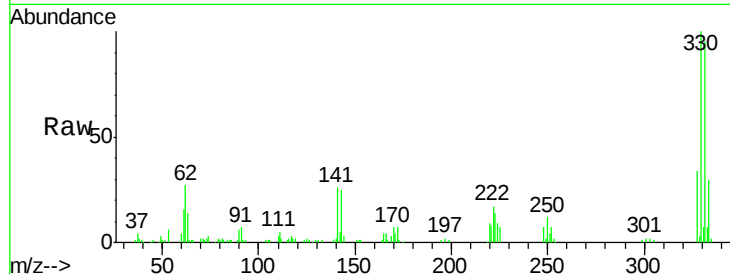




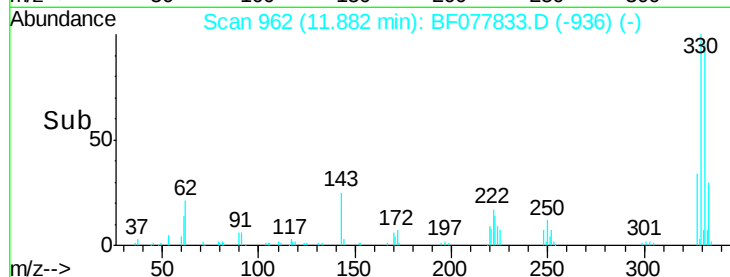
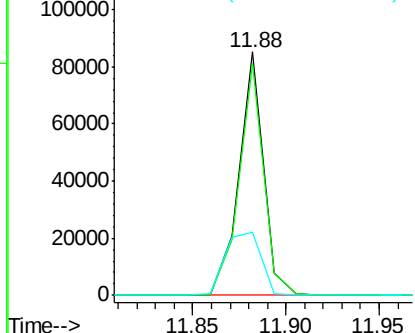
#41
 2,4,6-Tribromophenol
 Concen: 103.21 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

Tgt Ion:330 Resp: 78535
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 37.9 0.0 0.0#

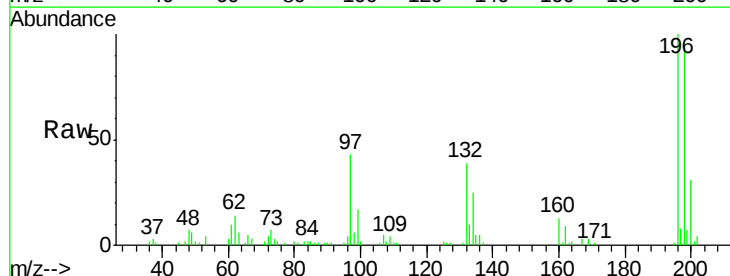


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

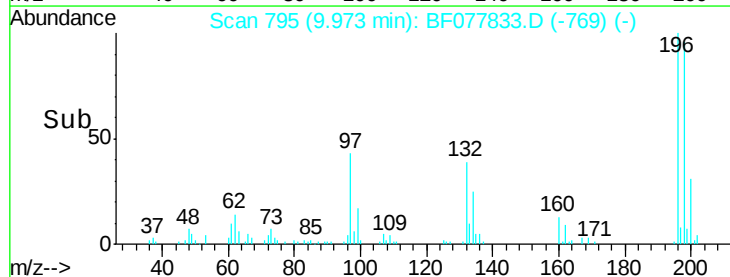
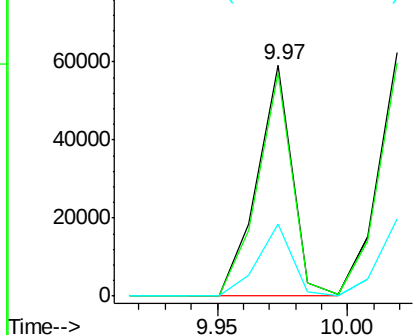


#42
 2,4,6-Trichlorophenol
 Concen: 34.11 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion:196 Resp: 56044
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.3 114.5
 200 31.2 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

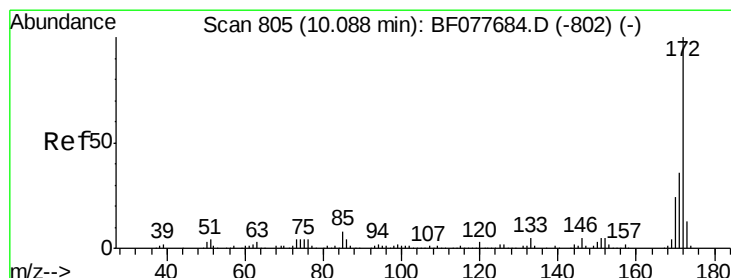
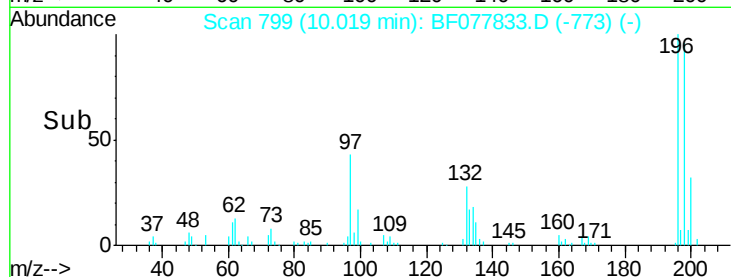
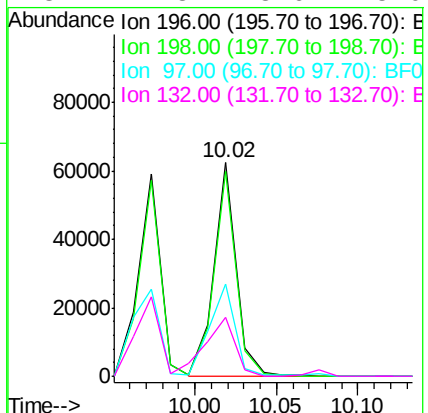
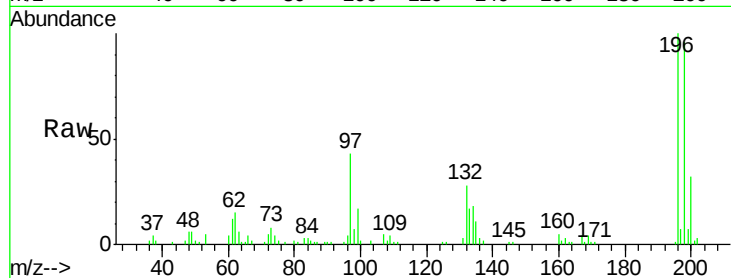




#43
 2,4,5-Trichlorophenol
 Concen: 33.83 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

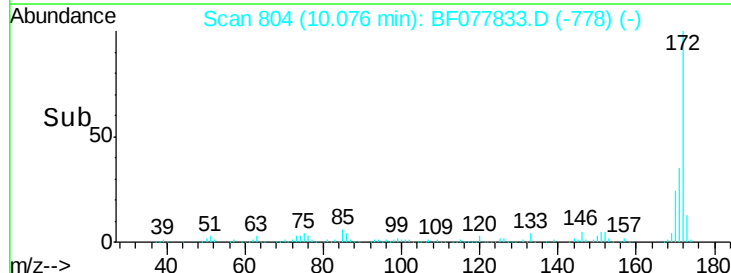
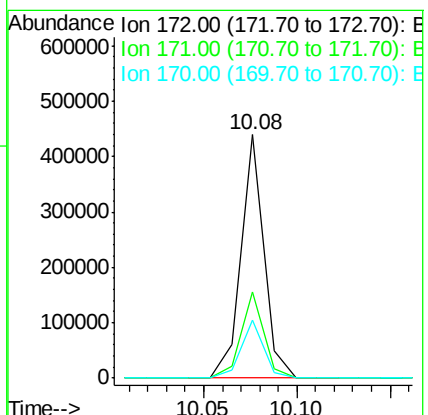
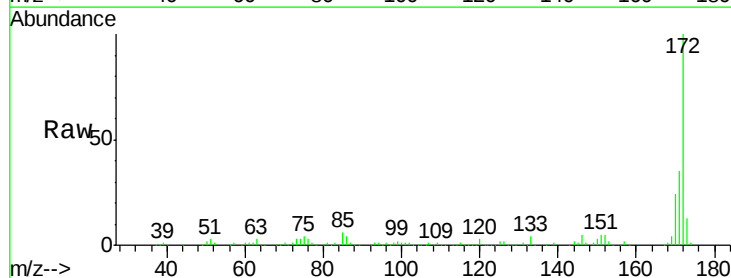
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

Tgt Ion:196 Resp: 60052
 Ion Ratio Lower Upper
 196 100
 198 95.8 79.4 119.0
 97 43.3 26.8 40.2#
 132 27.8 18.6 28.0



#44
 2-Fluorobiphenyl
 Concen: 69.82 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion:172 Resp: 377869
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.6 18.8 28.2

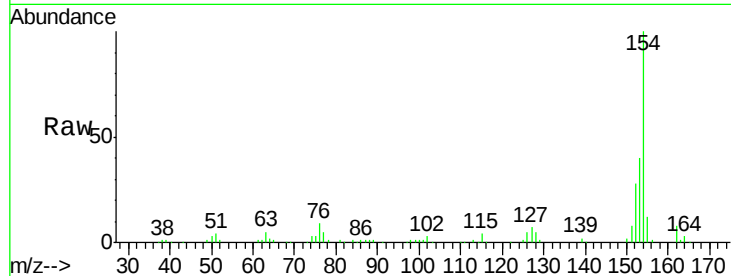




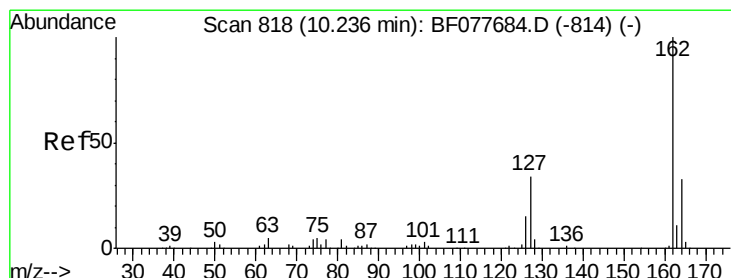
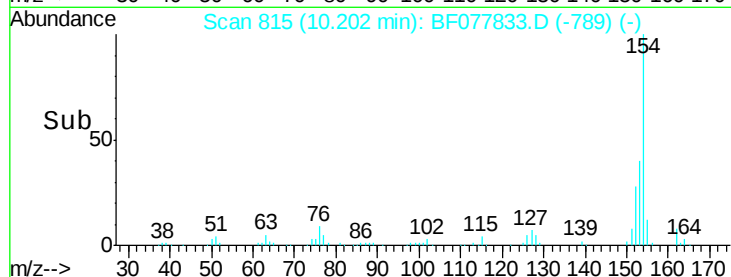
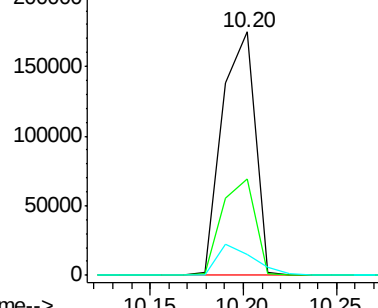
#45
1,1'-Biphenyl
Concen: 34.21 ng
RT: 10.20 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Tgt Ion:154 Resp: 217490
Ion Ratio Lower Upper
154 100
153 39.8 20.7 60.7
76 8.8 0.0 30.9

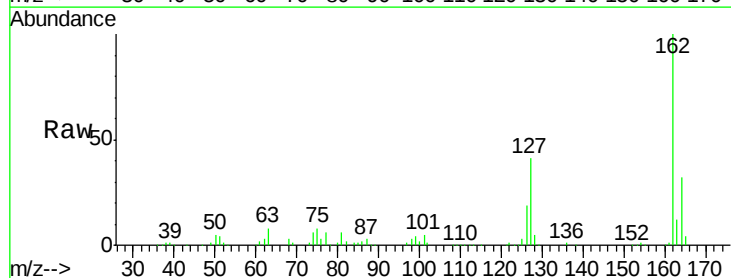


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

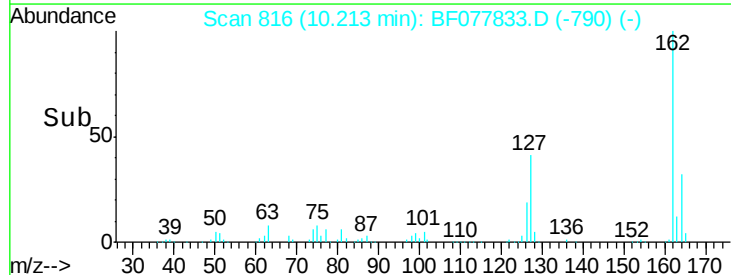
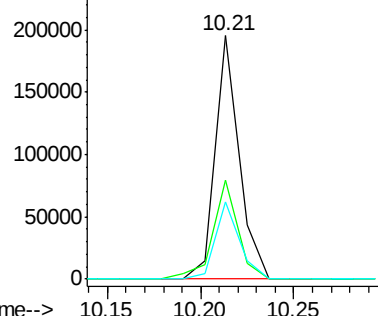


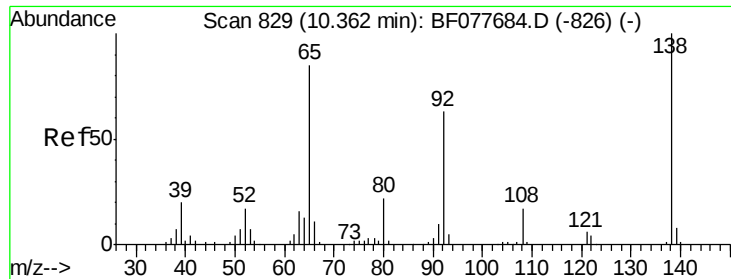
#46
2-Chloronaphthalene
Concen: 33.72 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Tgt Ion:162 Resp: 174226
Ion Ratio Lower Upper
162 100
127 40.8 26.9 40.3#
164 32.0 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

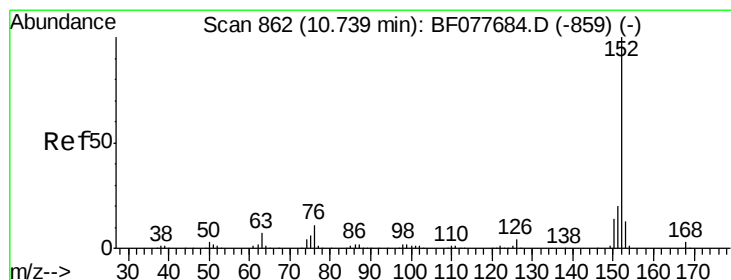
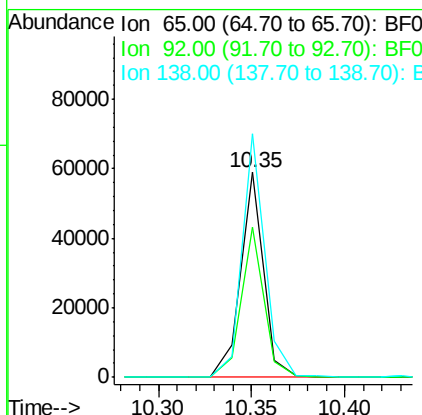
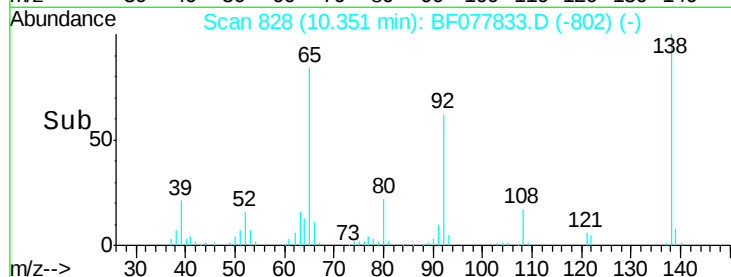
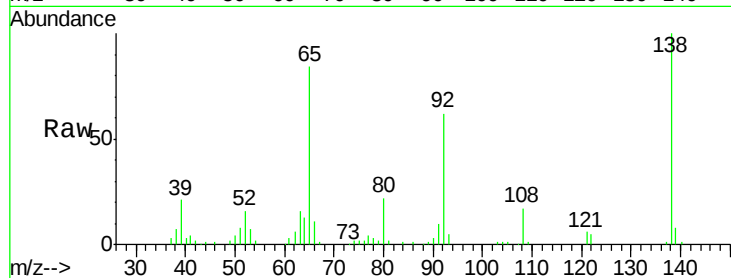




#47
 2-Nitroaniline
 Concen: 39.23 ng
 RT: 10.35 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

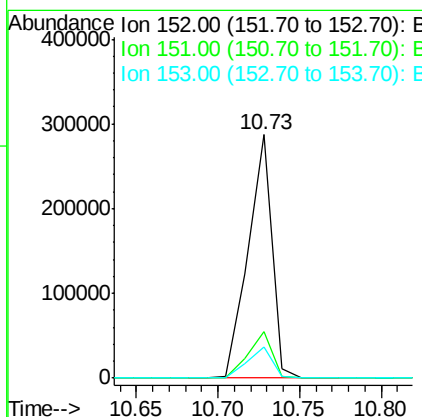
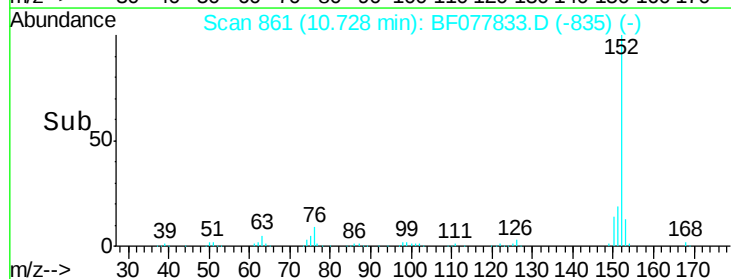
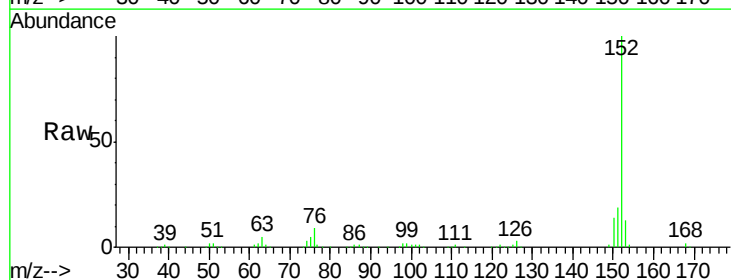
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

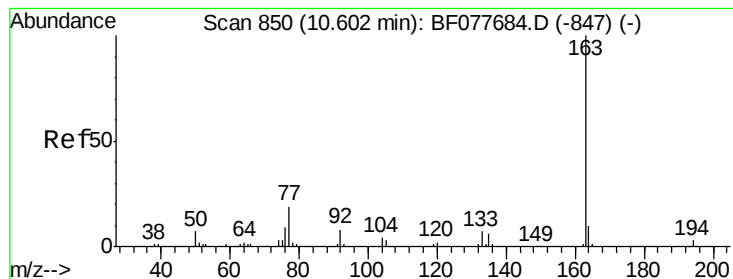
Tgt Ion: 65 Resp: 50340
 Ion Ratio Lower Upper
 65 100
 92 73.6 59.1 88.7
 138 119.0 93.9 140.9



#48
 Acenaphthylene
 Concen: 33.79 ng
 RT: 10.73 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion: 152 Resp: 290292
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.9 23.9
 153 12.6 10.6 16.0





#49

Dimethylphthalate

Concen: 35.25 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

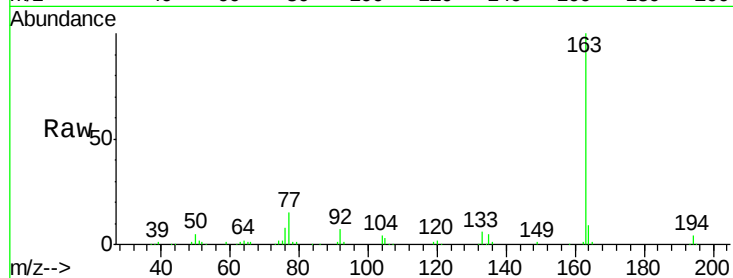
Tgt Ion:163 Resp: 207955

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

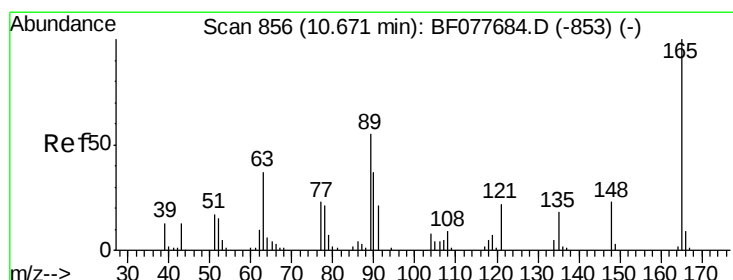
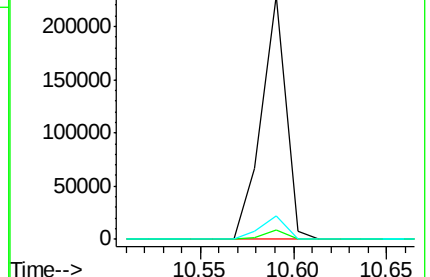
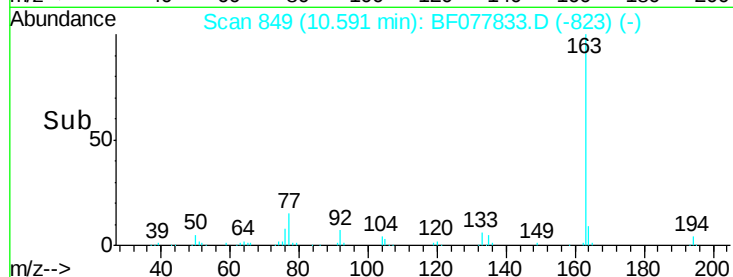
164 9.4 8.2 12.2



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: 36.50 ng

RT: 10.66 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

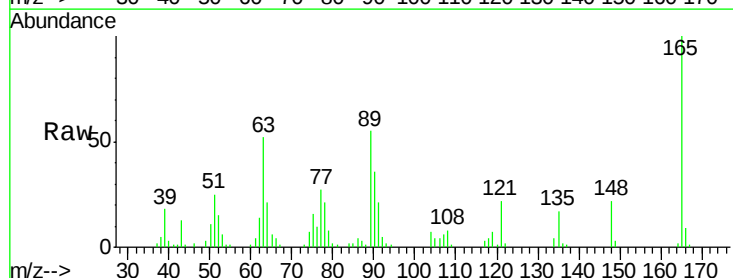
Tgt Ion:165 Resp: 44628

Ion Ratio Lower Upper

165 100

63 52.2 44.1 66.1

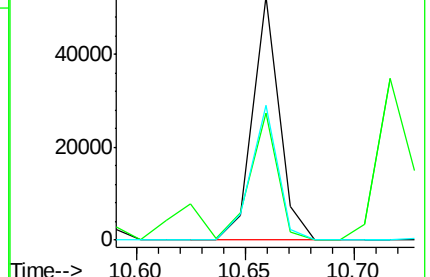
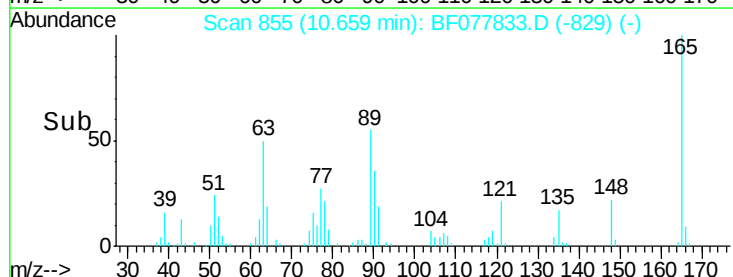
89 55.4 44.3 66.5

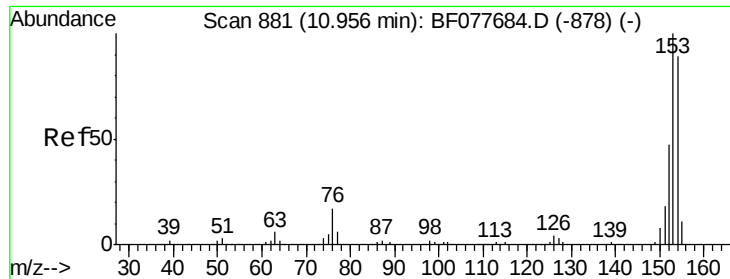


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.18 ng

RT: 10.94 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

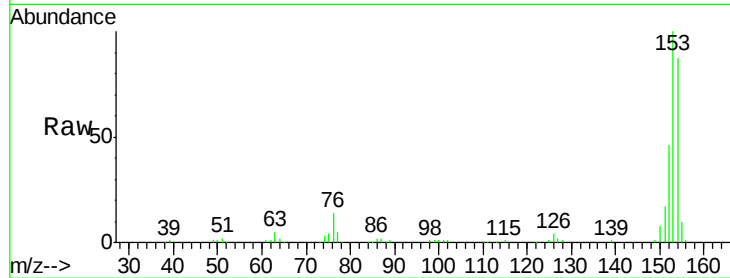
Tgt Ion:154 Resp: 163466

Ion Ratio Lower Upper

154 100

153 115.0 90.0 135.0

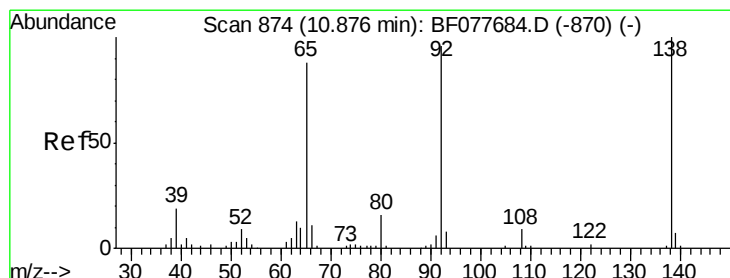
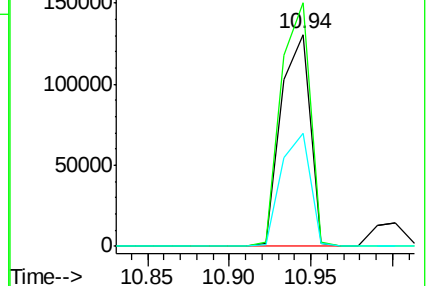
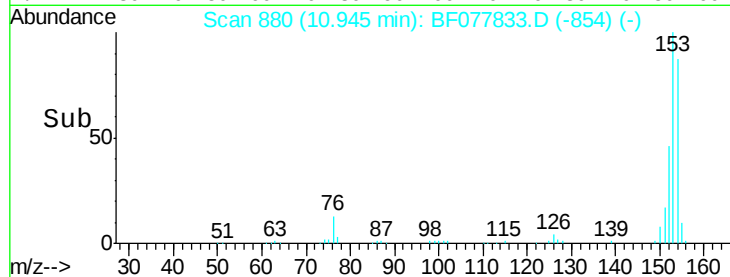
152 53.4 42.6 63.8



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: 25.46 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

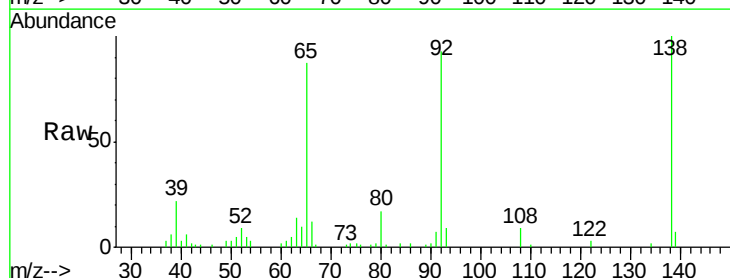
Tgt Ion:138 Resp: 36150

Ion Ratio Lower Upper

138 100

108 8.8 7.3 10.9

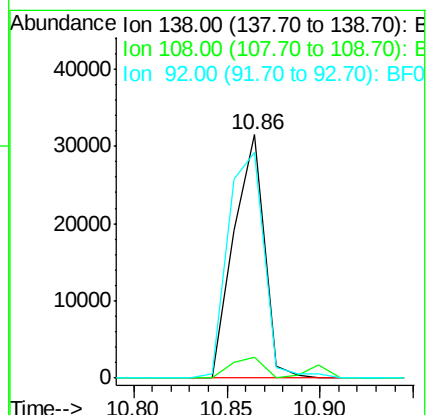
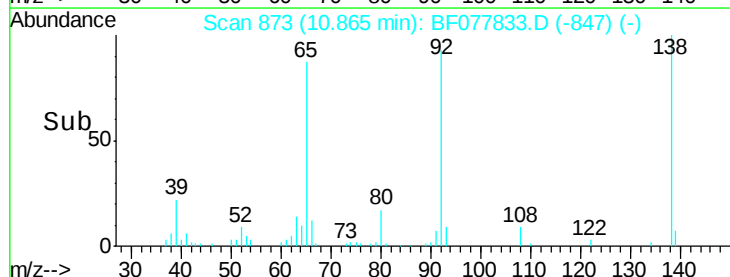
92 92.7 76.6 114.8

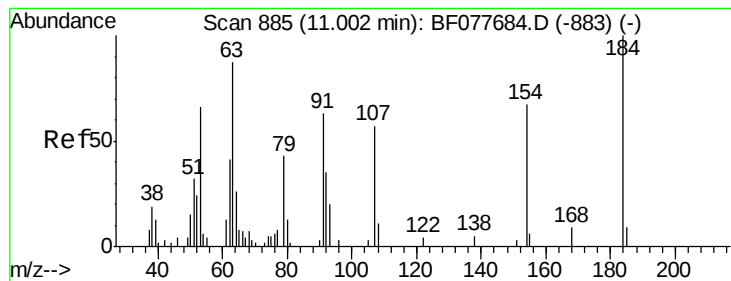


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 77.34 ng

RT: 11.00 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

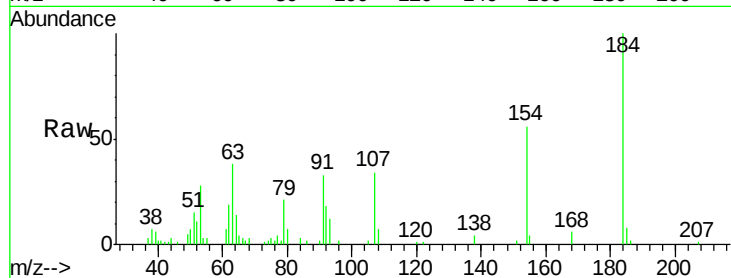
Tgt Ion:184 Resp: 34609

Ion Ratio Lower Upper

184 100

63 38.0 69.2 103.8#

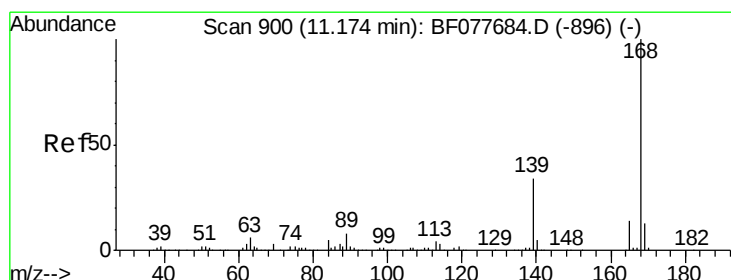
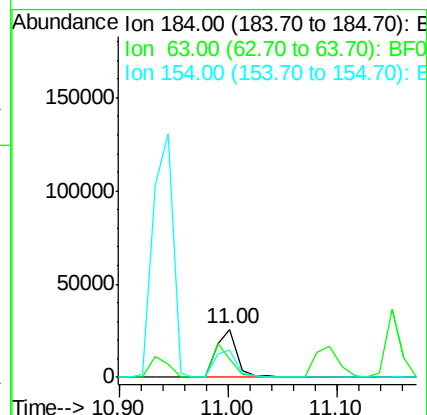
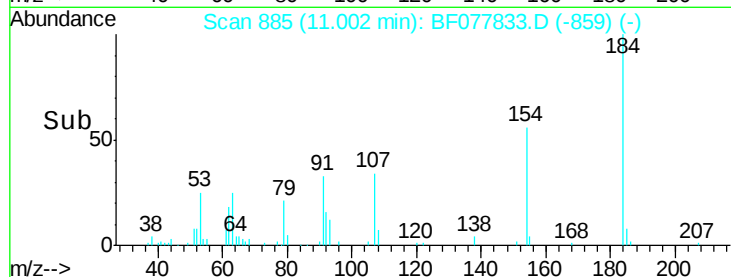
154 56.4 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 34.97 ng

RT: 11.15 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

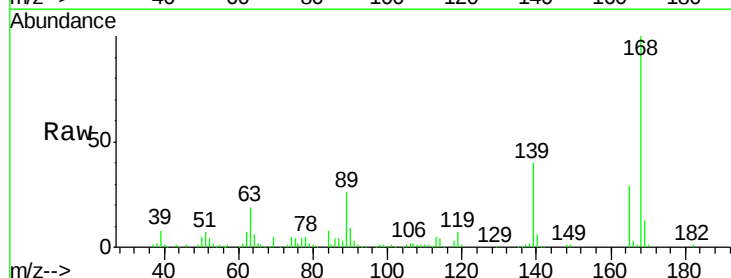
Tgt Ion:168 Resp: 255480

Ion Ratio Lower Upper

168 100

139 40.1 27.3 40.9

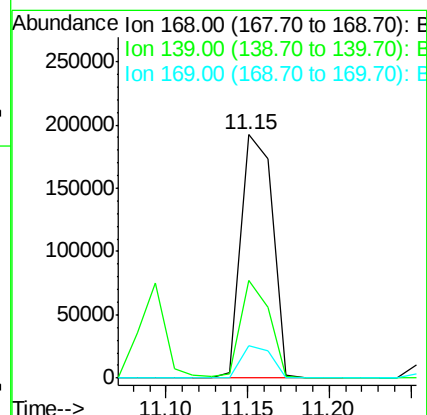
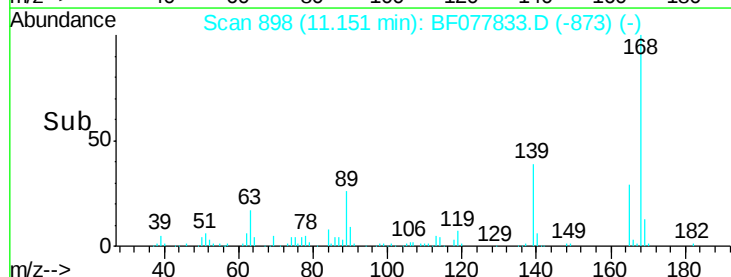
169 13.3 10.6 16.0

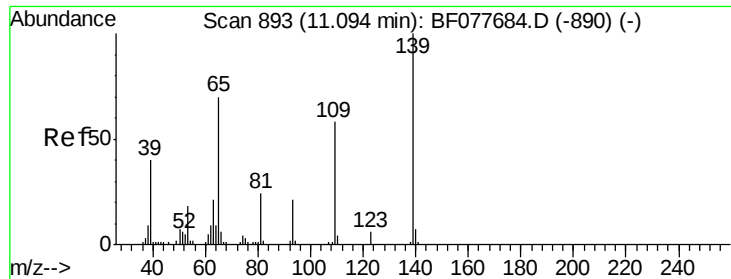


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

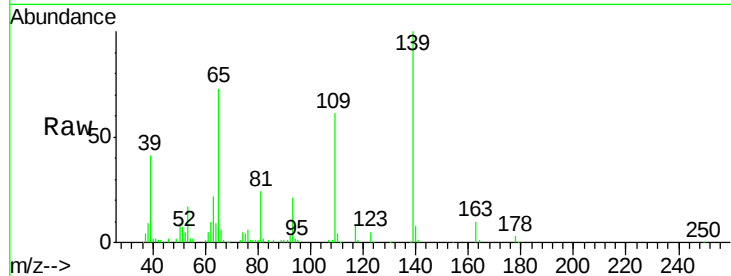




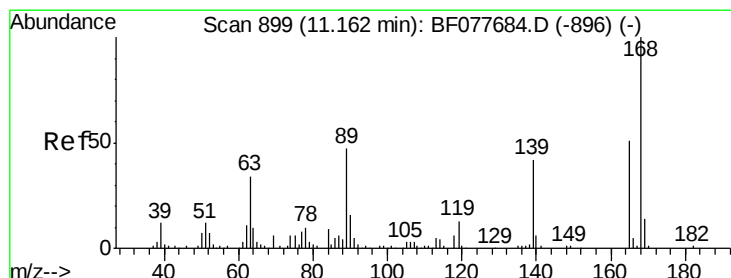
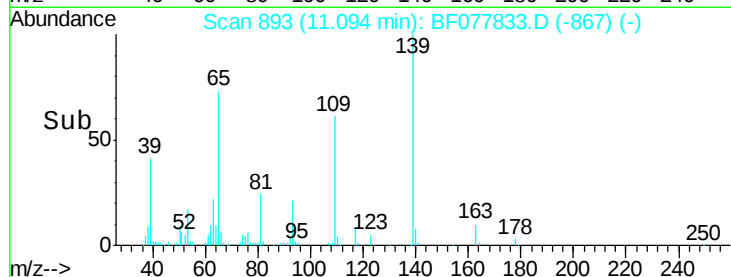
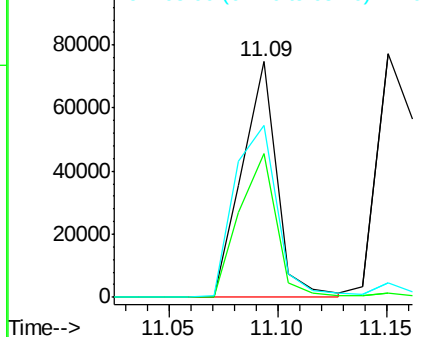
#55
4-Nitrophenol
Concen: 79.19 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Tgt Ion:139 Resp: 83303
Ion Ratio Lower Upper
139 100
109 61.1 37.7 77.7
65 72.8 49.9 89.9

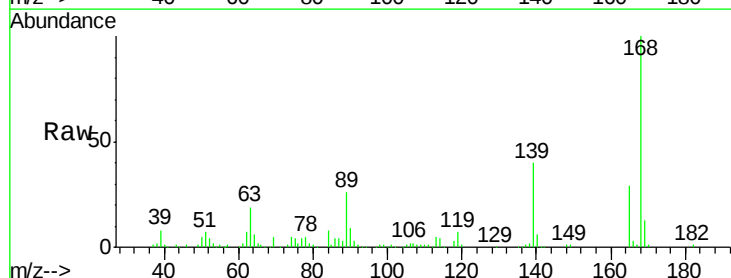


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

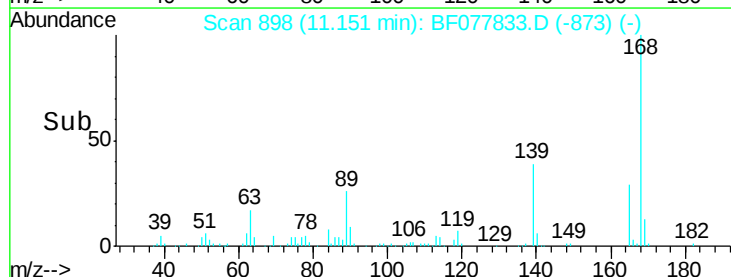
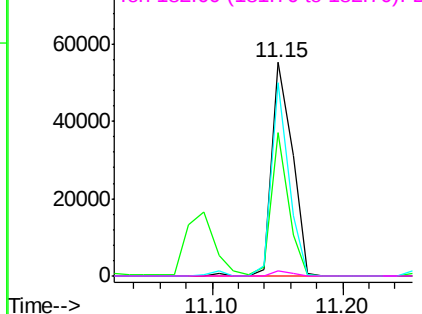


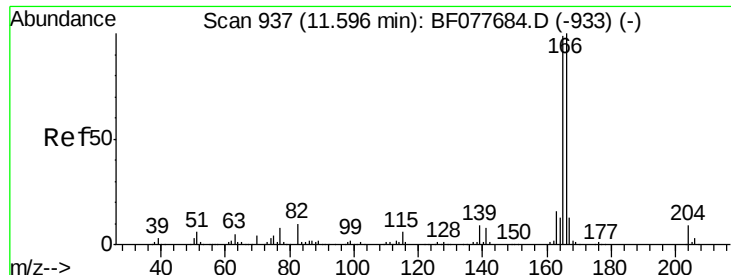
#56
2,4-Dinitrotoluene
Concen: 38.38 ng
RT: 11.15 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Tgt Ion:165 Resp: 61194
Ion Ratio Lower Upper
165 100
63 66.9 52.4 78.6
89 90.6 72.4 108.6
182 2.2 2.0 3.0



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: 33.38 ng

RT: 11.58 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

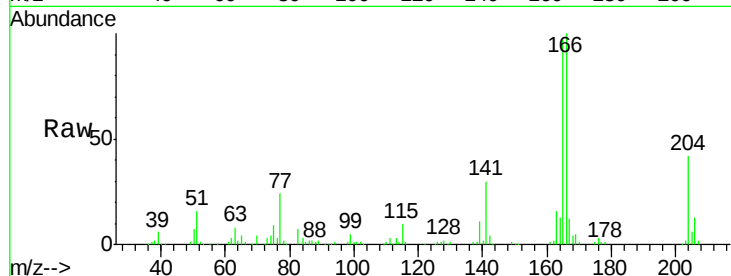
Tgt Ion:166 Resp: 202522

Ion Ratio Lower Upper

166 100

165 97.3 79.0 118.4

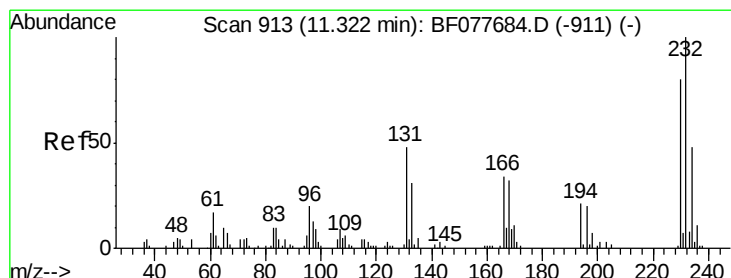
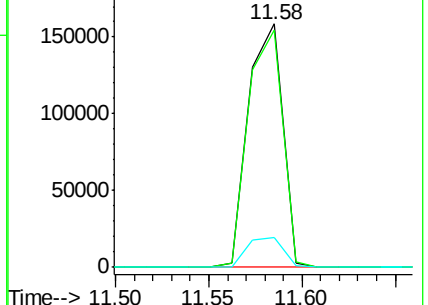
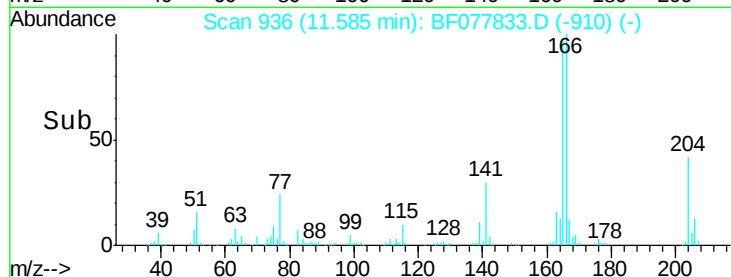
167 12.4 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.32 ng

RT: 11.31 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Tgt Ion:232 Resp: 51014

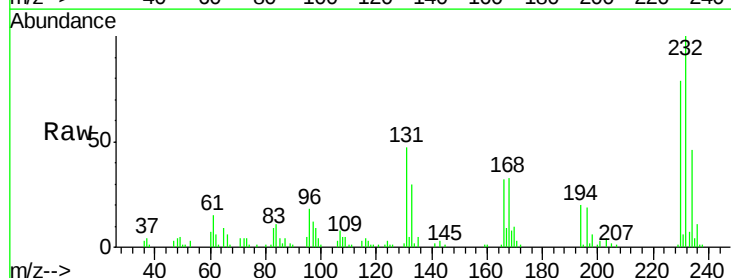
Ion Ratio Lower Upper

232 100

131 45.0 0.0 0.0#

130 1.7 0.0 0.0#

166 30.7 0.0 0.0#

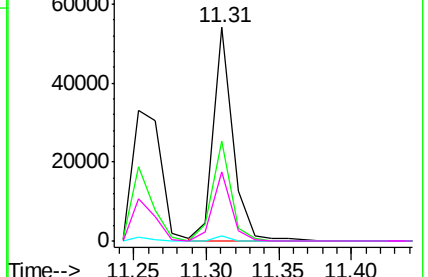
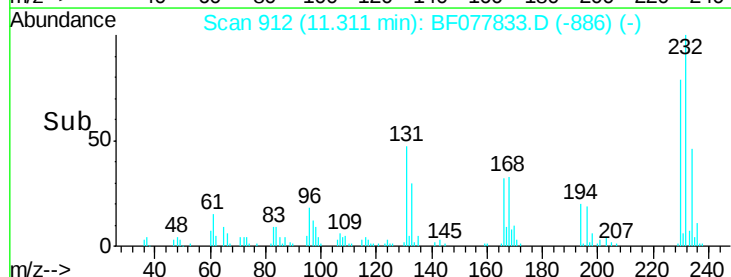


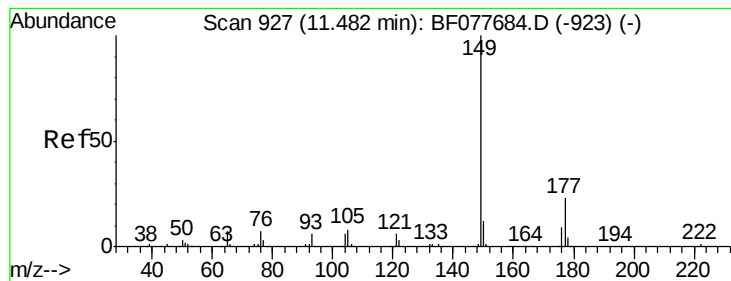
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.11 ng

RT: 11.46 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

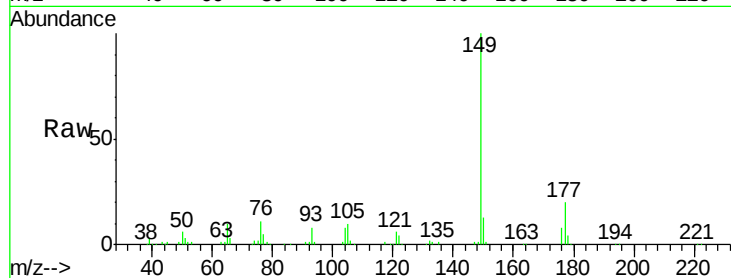
Tgt Ion:149 Resp: 196050

Ion Ratio Lower Upper

149 100

177 19.7 18.3 27.5

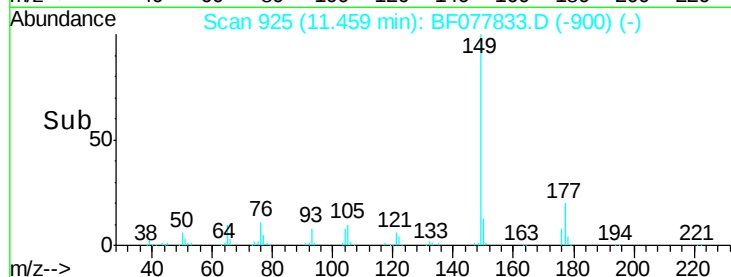
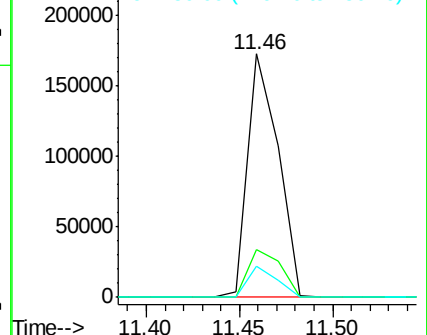
150 12.6 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.22 ng

RT: 11.58 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

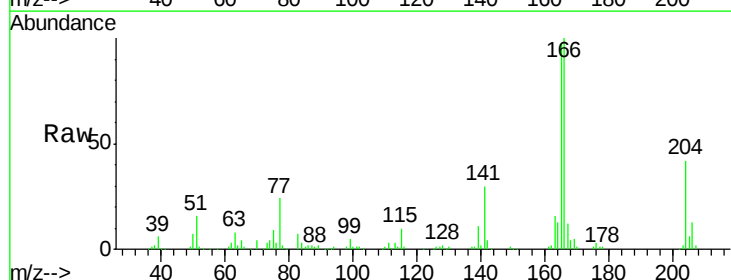
Tgt Ion:204 Resp: 91985

Ion Ratio Lower Upper

204 100

206 30.3 26.6 39.8

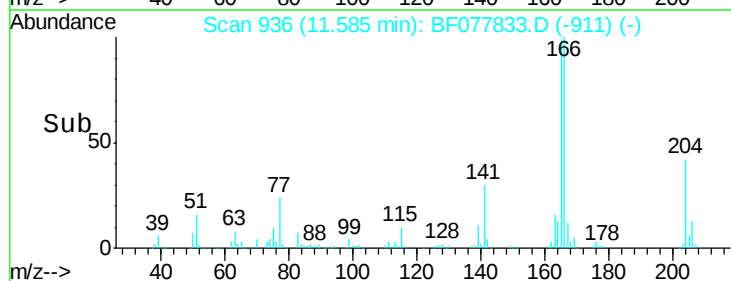
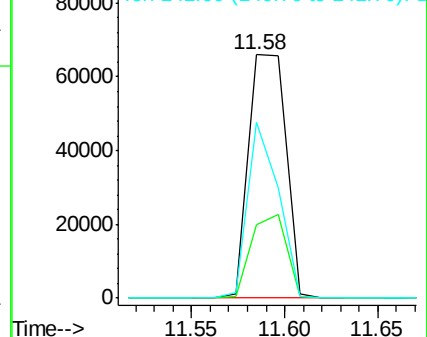
141 72.1 45.2 67.8#

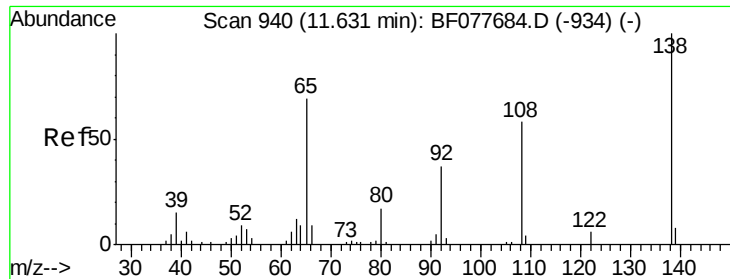


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

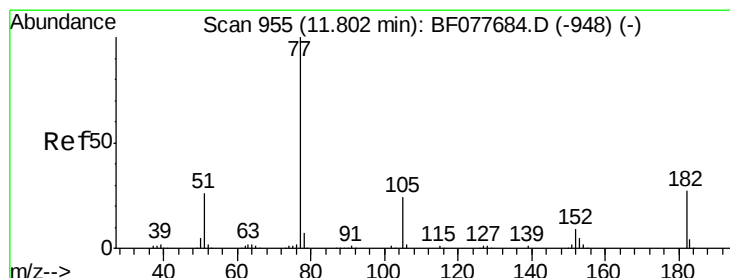
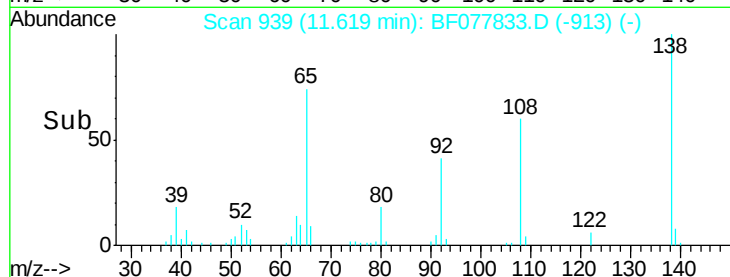
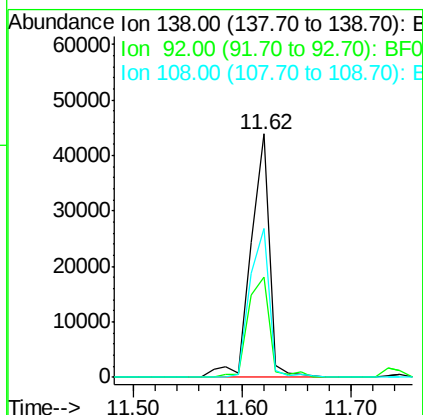
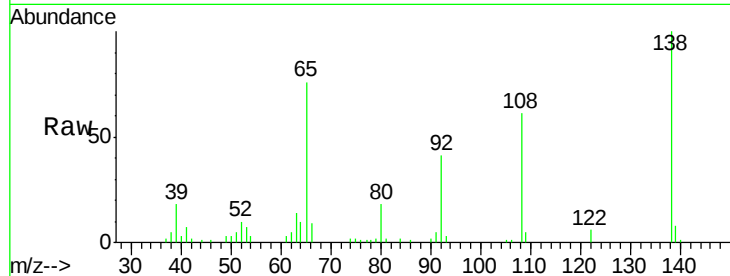




#61
4-Nitroaniline
Concen: 36.82 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

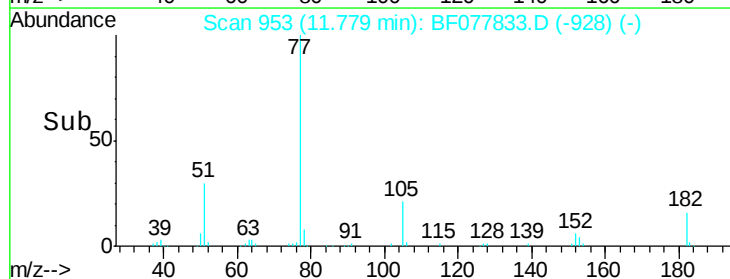
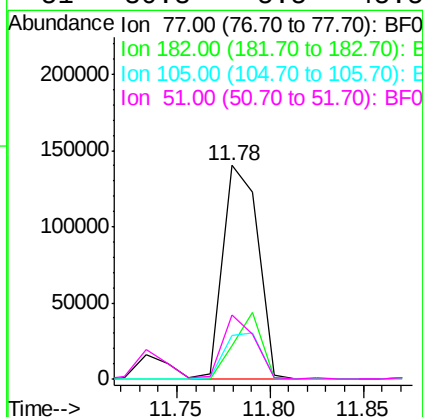
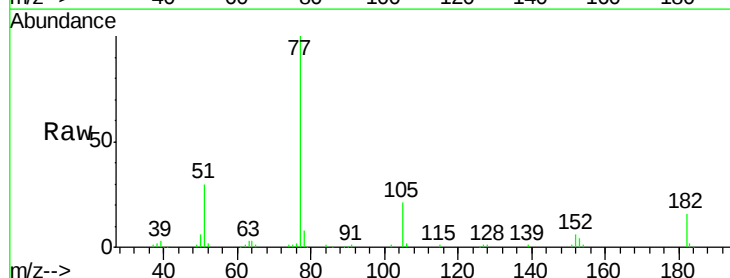
Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Tgt Ion: 138 Resp: 52116
Ion Ratio Lower Upper
138 100
92 41.1 16.7 56.7
108 61.2 37.6 77.6



#62
Azobenzene
Concen: 33.64 ng
RT: 11.78 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Tgt Ion: 77 Resp: 184801
Ion Ratio Lower Upper
77 100
182 15.8 6.5 46.5
105 20.5 3.8 43.8
51 30.3 5.5 45.5

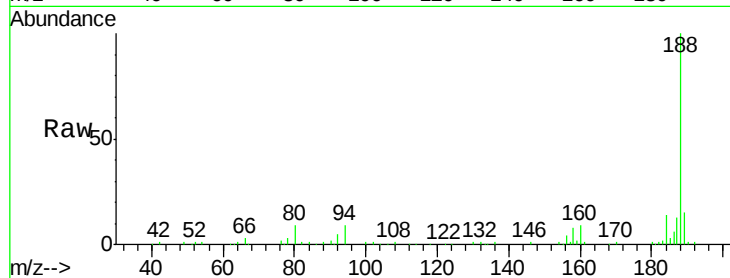




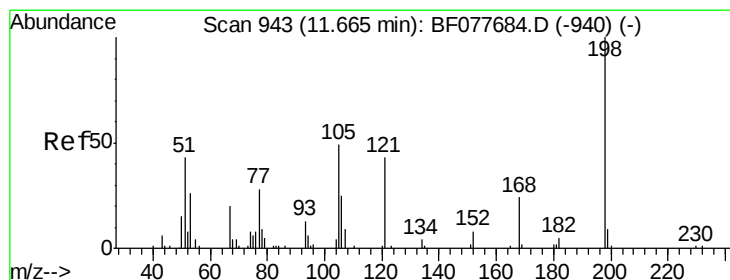
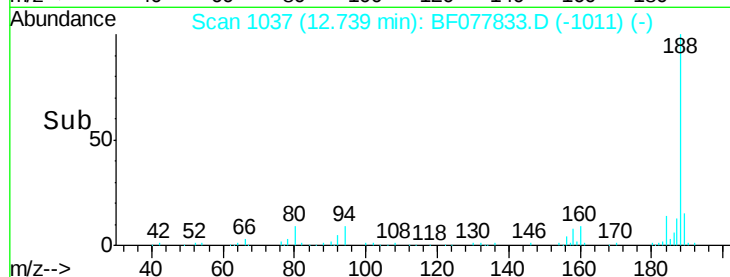
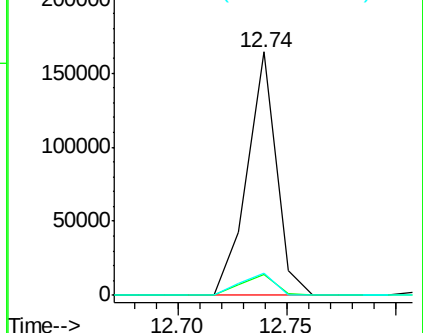
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Tgt Ion:188 Resp: 153396
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1#
80 9.1 9.3 13.9#

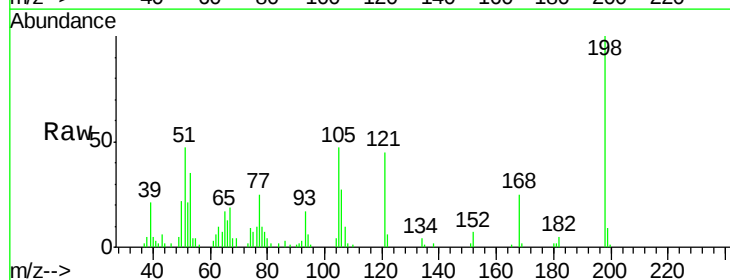


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

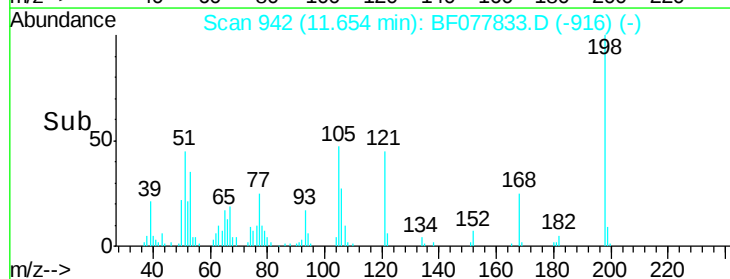
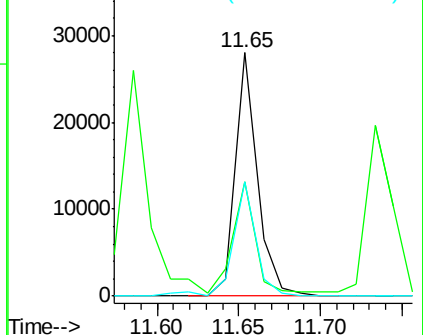


#64
4,6-Dinitro-2-methylphenol
Concen: 36.84 ng
RT: 11.65 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Tgt Ion:198 Resp: 25888
Ion Ratio Lower Upper
198 100
51 47.1 28.8 68.8
105 46.9 30.5 70.5



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: 34.75 ng

RT: 11.74 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

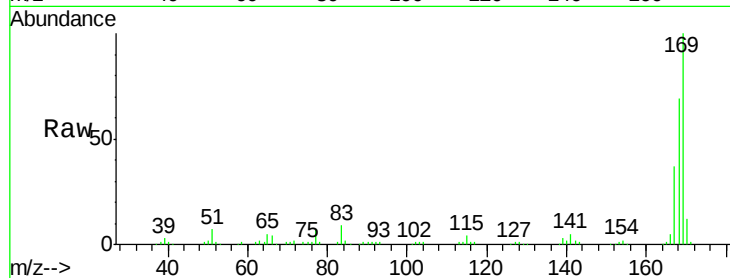
Tgt Ion:169 Resp: 177510

Ion Ratio Lower Upper

169 100

168 68.8 53.9 80.9

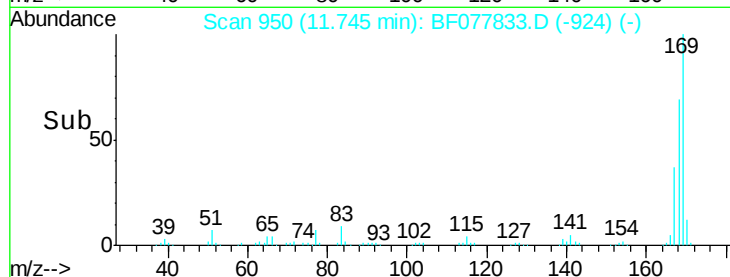
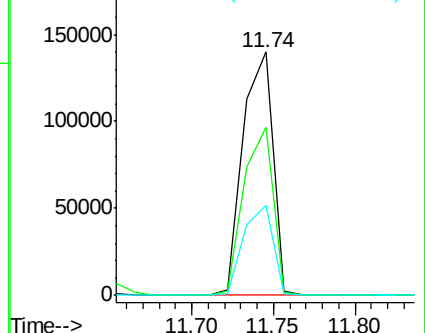
167 37.0 28.9 43.3



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: 32.93 ng

RT: 12.19 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

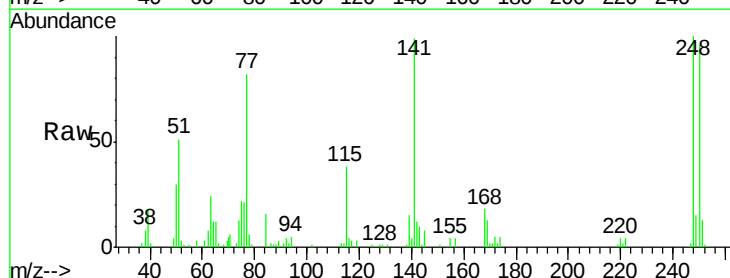
Tgt Ion:248 Resp: 53914

Ion Ratio Lower Upper

248 100

250 96.3 77.4 116.0

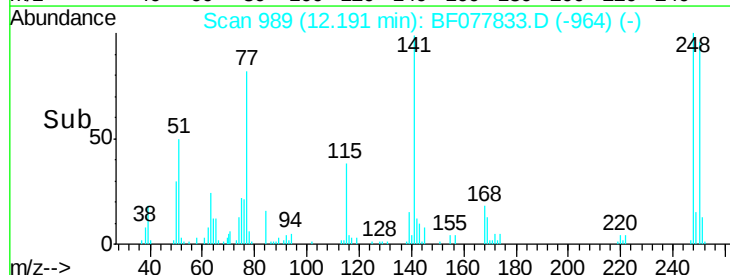
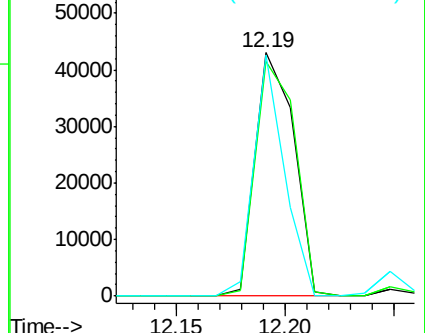
141 98.8 45.2 67.8#



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

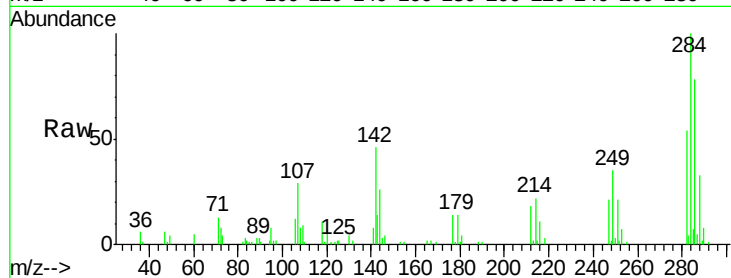




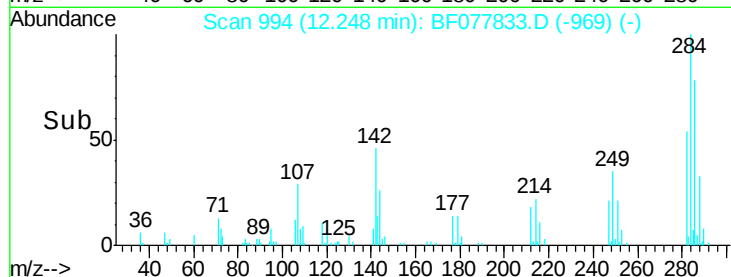
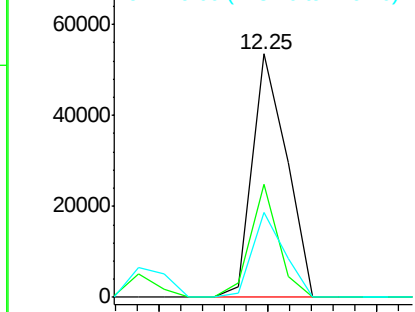
#67
Hexachlorobenzene
Concen: 32.71 ng
RT: 12.25 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Tgt Ion:284 Resp: 58843
Ion Ratio Lower Upper
284 100
142 46.5 20.4 30.6#
249 35.0 23.8 35.6

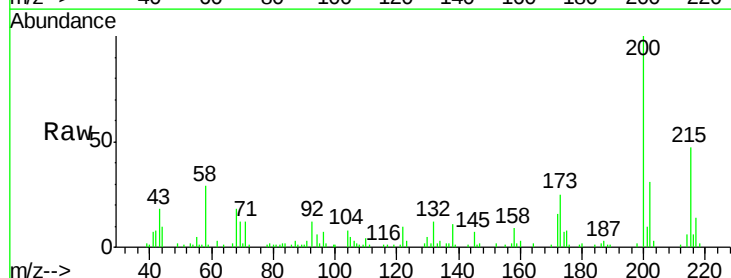


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

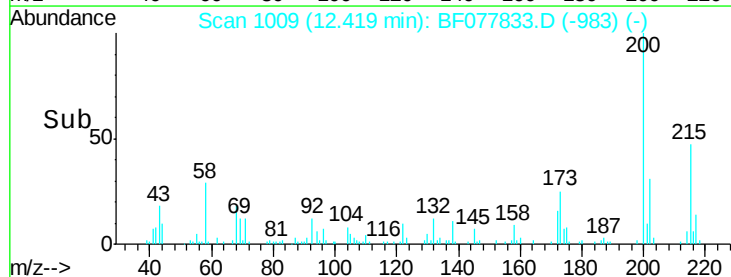
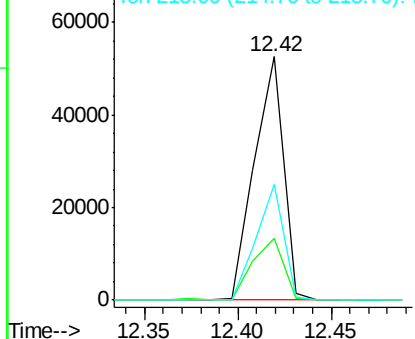


#68
Atrazine
Concen: 39.66 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077833.D
Acq: 19 Mar 2015 16:23

Tgt Ion:200 Resp: 56767
Ion Ratio Lower Upper
200 100
173 25.2 4.8 44.8
215 47.3 26.9 66.9



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

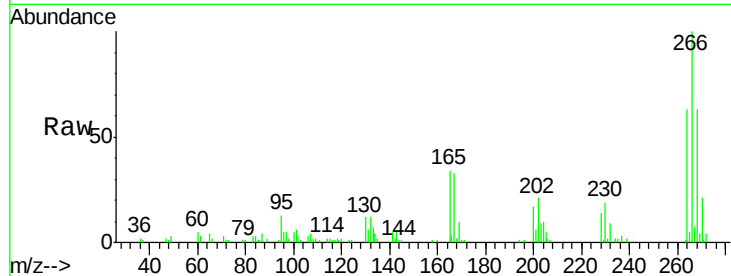




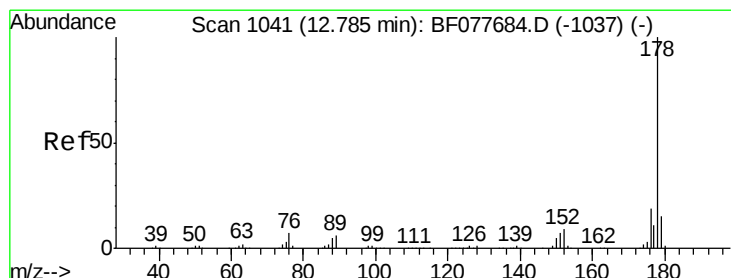
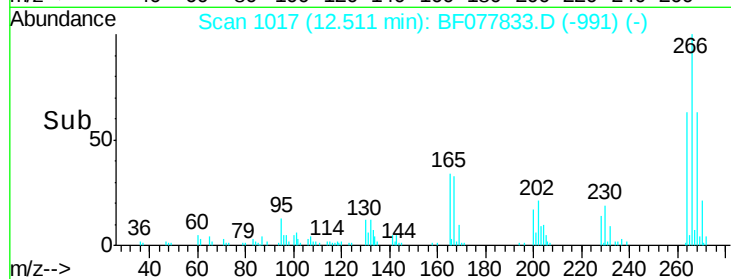
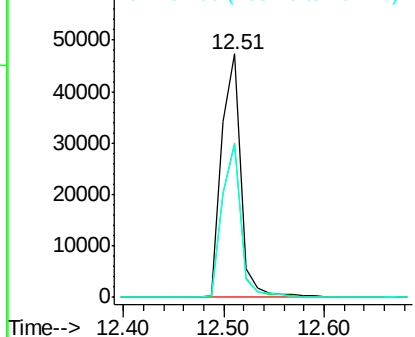
#69
 Pentachlorophenol
 Concen: 67.71 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

Tgt Ion:266 Resp: 63321
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.0 78.0
 264 62.6 49.0 73.4

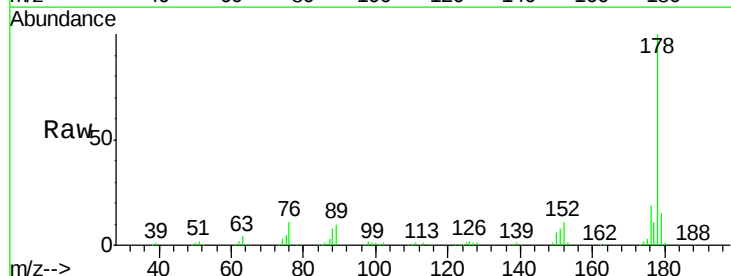


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

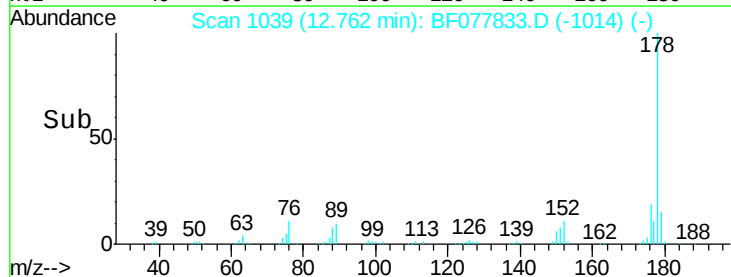
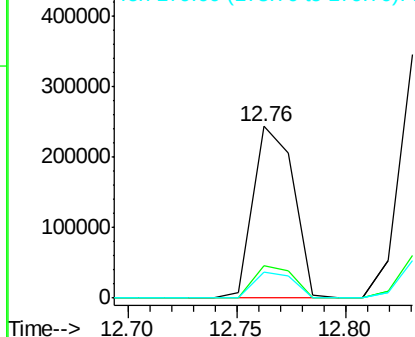


#70
 Phenanthrene
 Concen: 36.06 ng
 RT: 12.76 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion:178 Resp: 317512
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.4 12.1 18.1



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

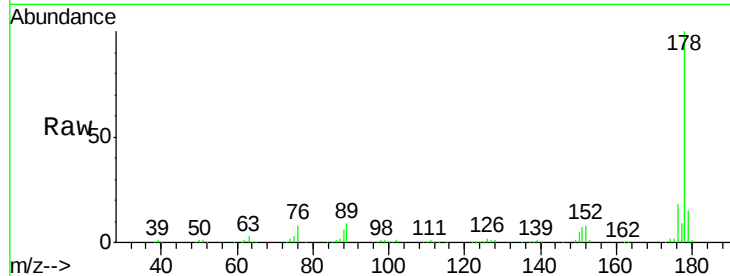




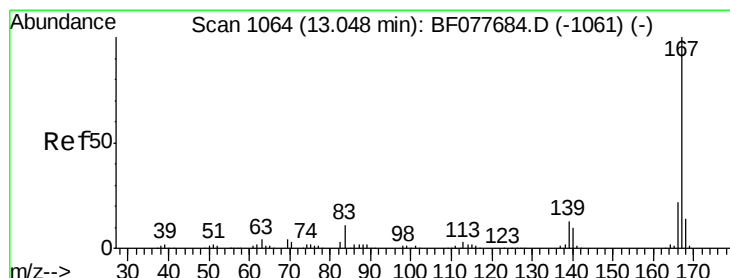
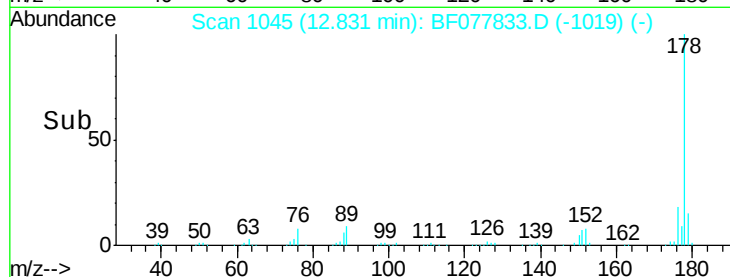
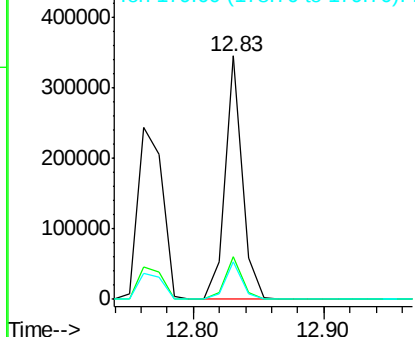
#71
 Anthracene
 Concen: 36.36 ng
 RT: 12.83 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

Tgt Ion:178 Resp: 316366
 Ion Ratio Lower Upper
 178 100
 176 17.8 14.6 22.0
 179 15.3 12.6 19.0

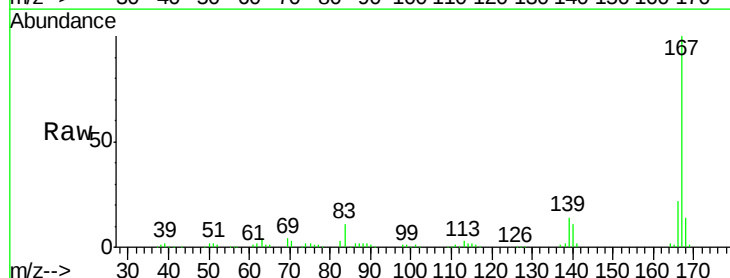


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

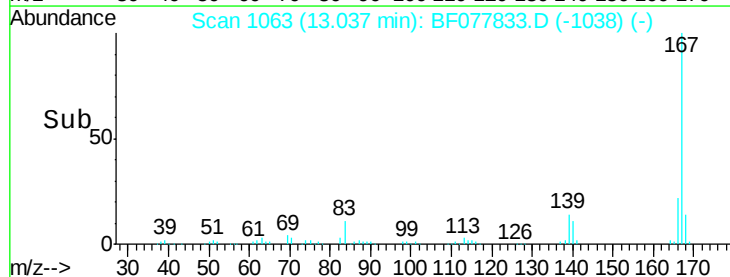
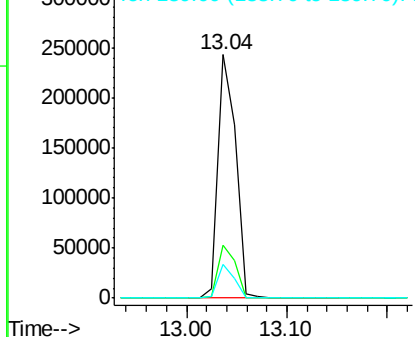


#72
 Carbazole
 Concen: 35.98 ng
 RT: 13.04 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion:167 Resp: 297745
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.6 10.8 16.2



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: 34.64 ng

RT: 13.49 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

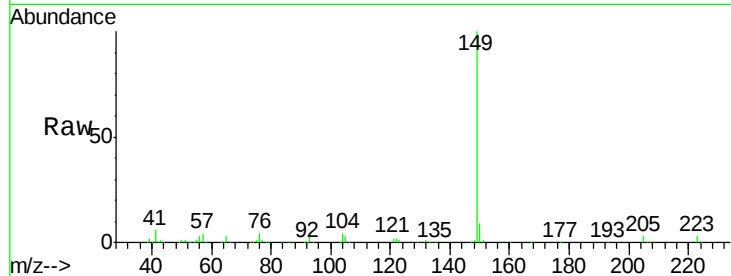
Tgt Ion:149 Resp: 321448

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

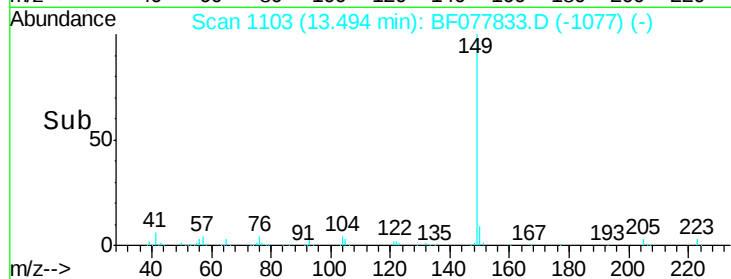
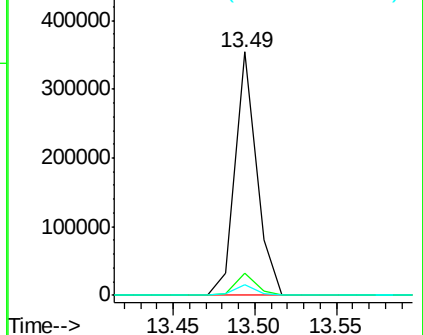
104 4.4 3.7 5.5



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: 36.00 ng

RT: 14.24 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

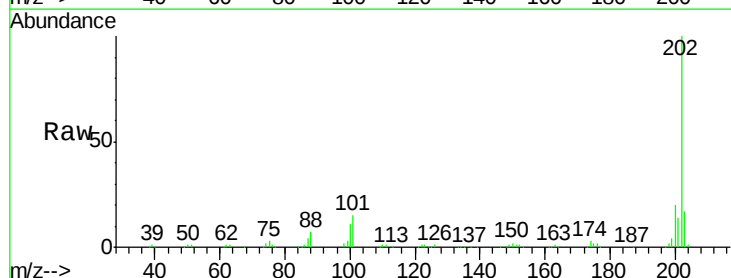
Tgt Ion:202 Resp: 349628

Ion Ratio Lower Upper

202 100

101 15.1 0.0 28.7

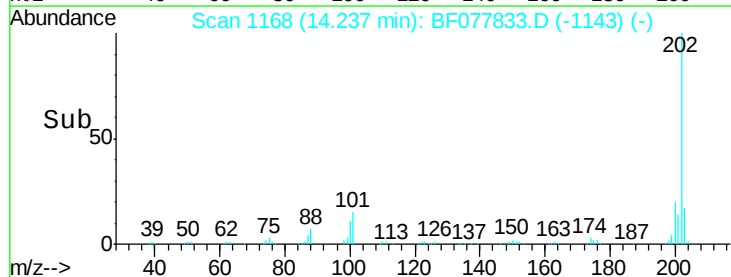
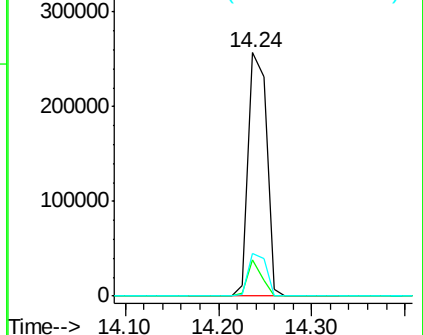
203 17.4 0.0 37.2

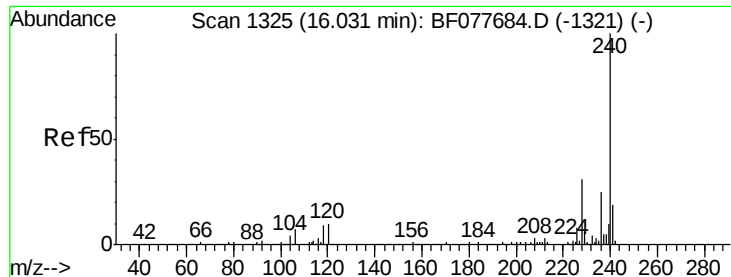


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

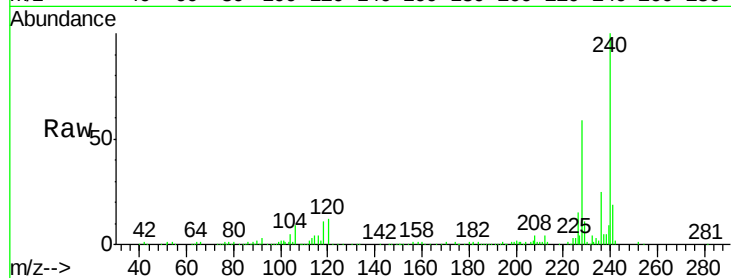
Tgt Ion:240 Resp: 179096

Ion Ratio Lower Upper

240 100

120 12.4 8.2 12.2#

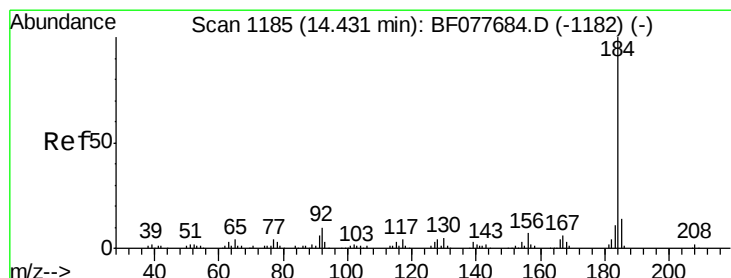
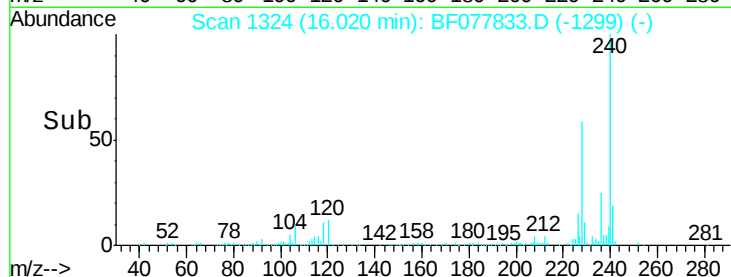
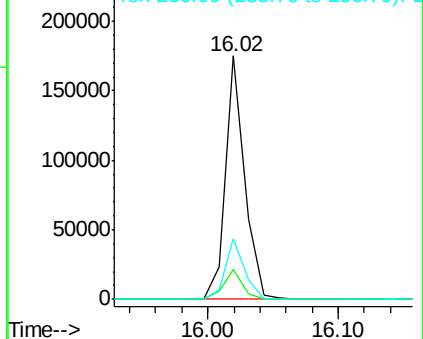
236 24.7 20.0 30.0



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: 34.56 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

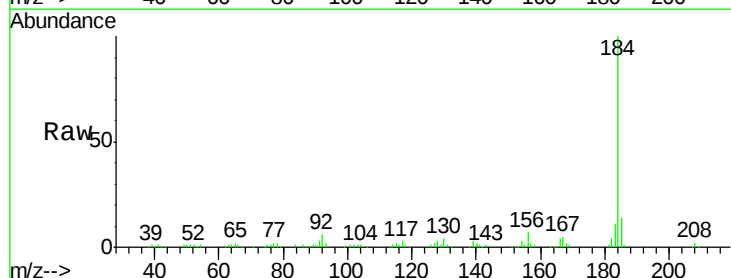
Tgt Ion:184 Resp: 153416

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

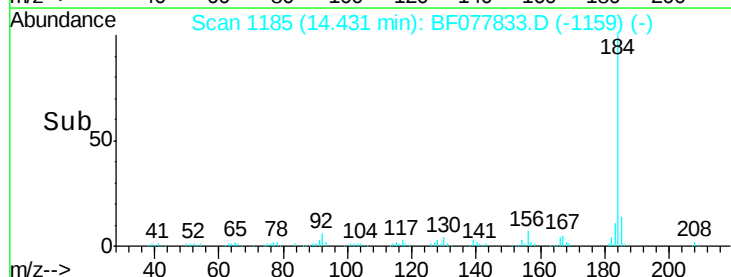
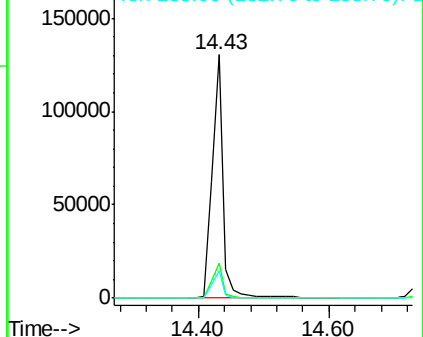
183 11.4 8.9 13.3

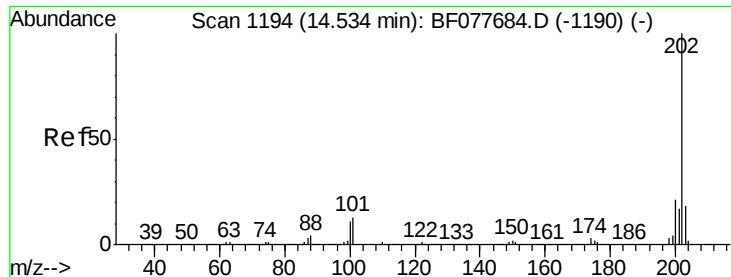


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

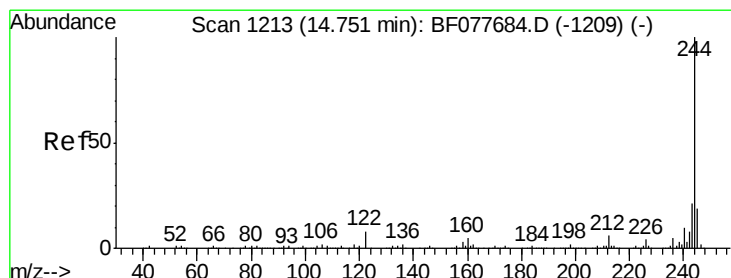
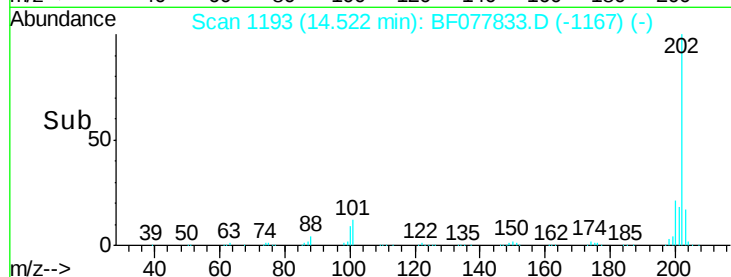
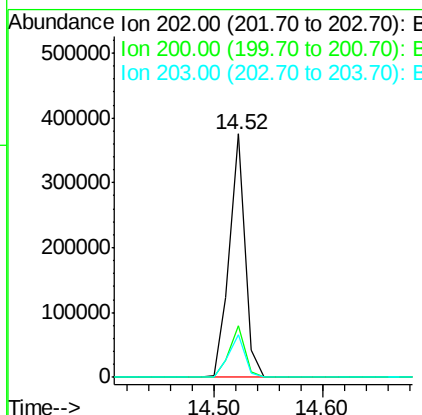
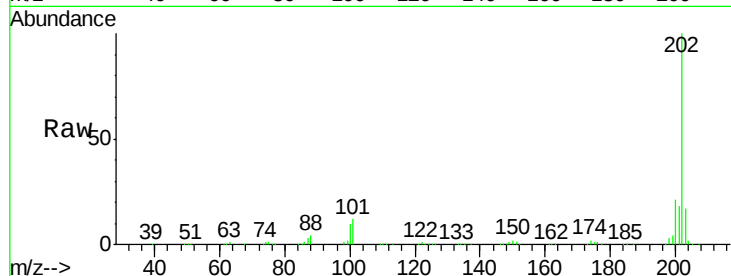




#77
 Pyrene
 Concen: 33.35 ng
 RT: 14.52 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

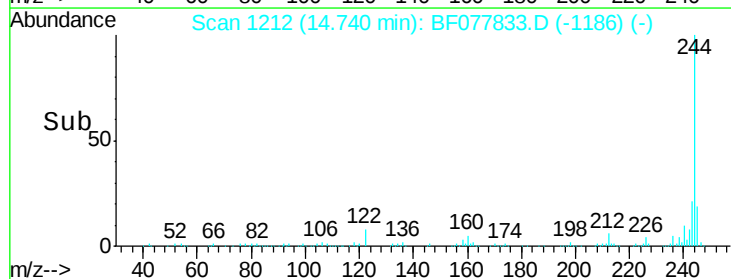
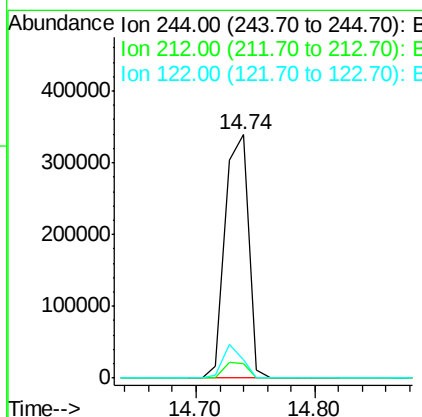
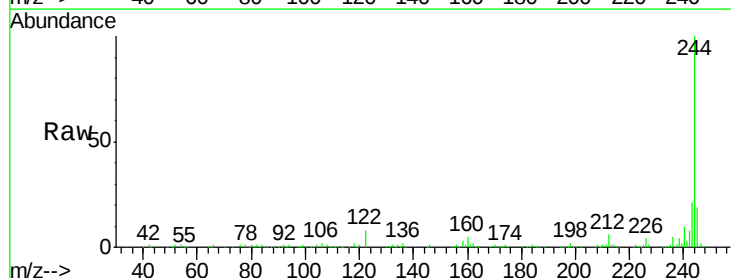
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

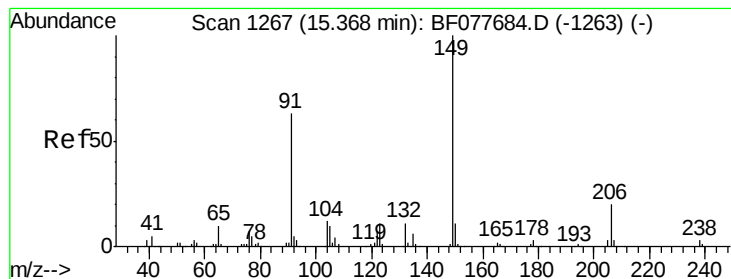
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.3	14.1	21.1



#78
 Terphenyl-d14
 Concen: 62.87 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	4.9	7.3
122	7.7	6.2	9.4





#79

Butylbenzylphthalate

Concen: 33.18 ng

RT: 15.36 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

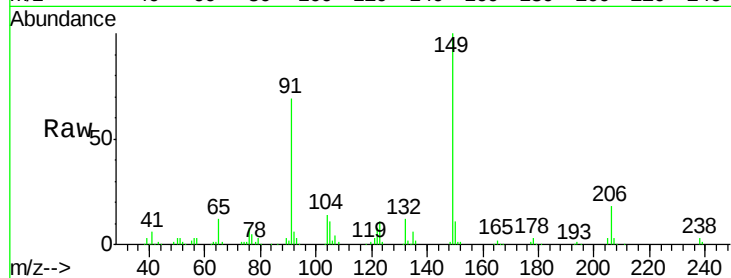
Tgt Ion:149 Resp: 147313

Ion Ratio Lower Upper

149 100

91 69.3 50.1 75.1

206 18.1 16.2 24.2



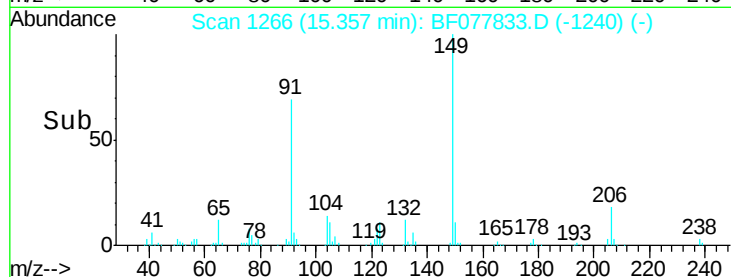
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

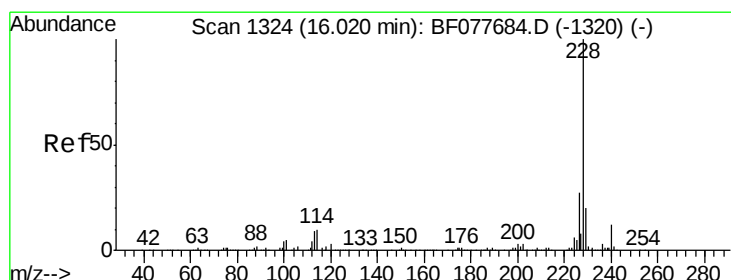
Ion 206.00 (205.70 to 206.70): E

15.36

15.30 15.35 15.40



Time-->



#80

Benzo(a)anthracene

Concen: 33.87 ng

RT: 16.01 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

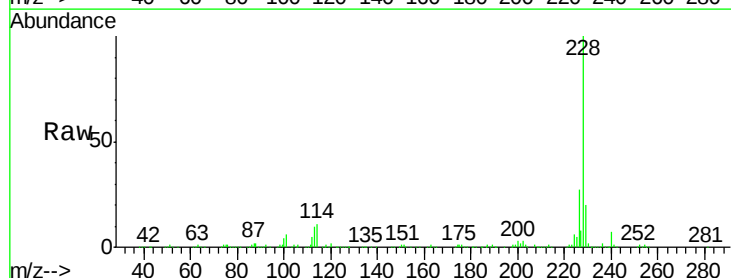
Tgt Ion:228 Resp: 359590

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 20.2 16.0 24.0



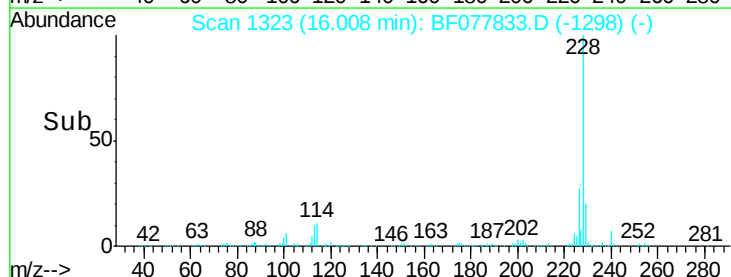
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

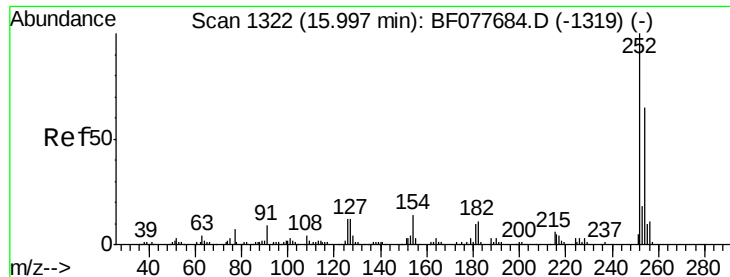
Ion 229.00 (228.70 to 229.70): E

16.01

15.95 16.00 16.05



Time-->



#81

3,3'-Dichlorobenzidine

Concen: 22.60 ng

RT: 16.00 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

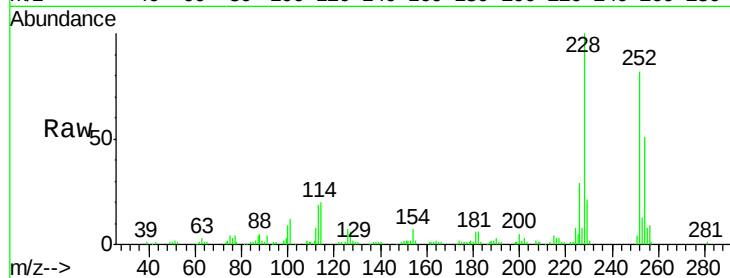
Tgt Ion:252 Resp: 79130

Ion Ratio Lower Upper

252 100

254 63.0 51.9 77.9

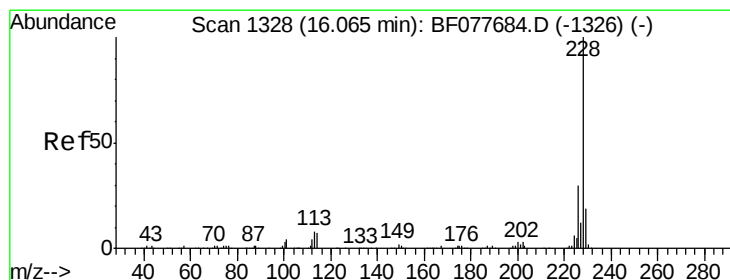
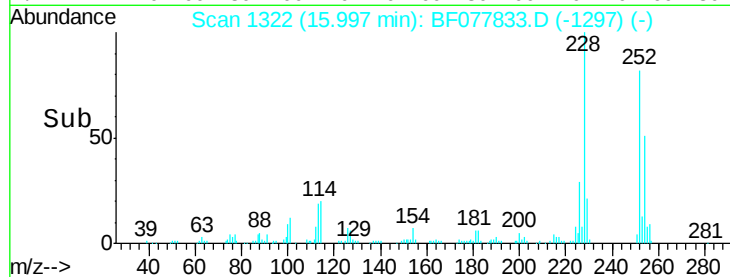
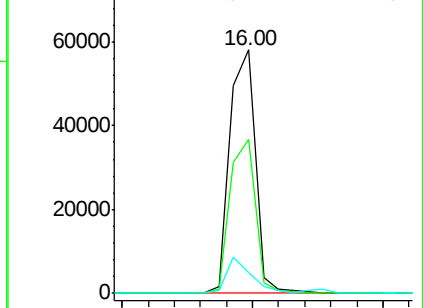
126 8.4 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.98 ng

RT: 16.05 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

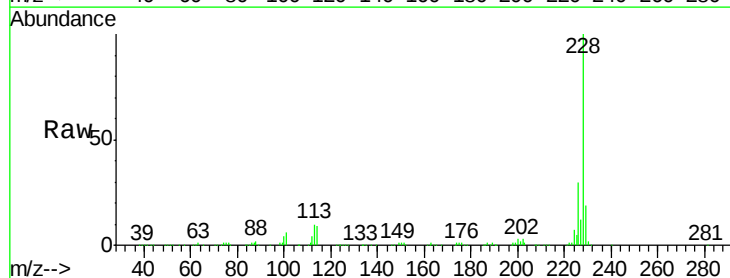
Tgt Ion:228 Resp: 362563

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

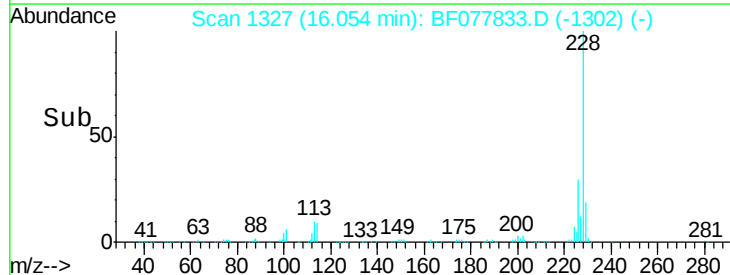
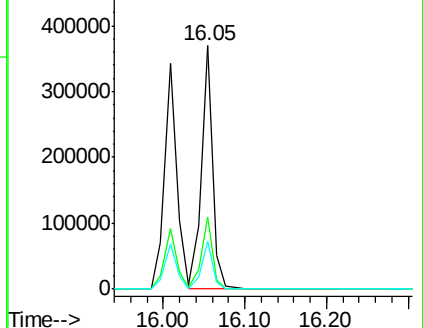
229 19.4 15.5 23.3



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

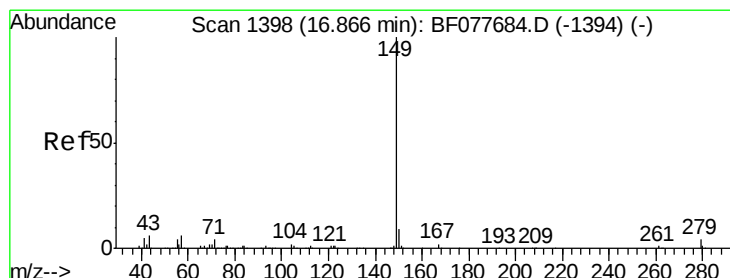
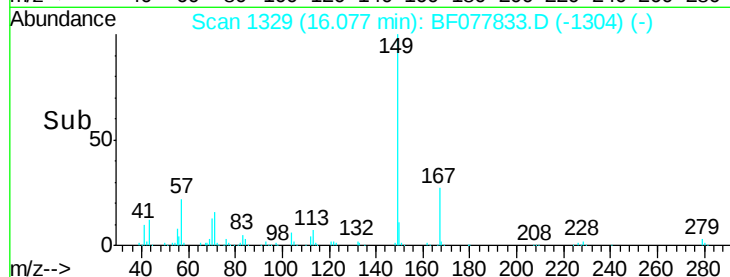
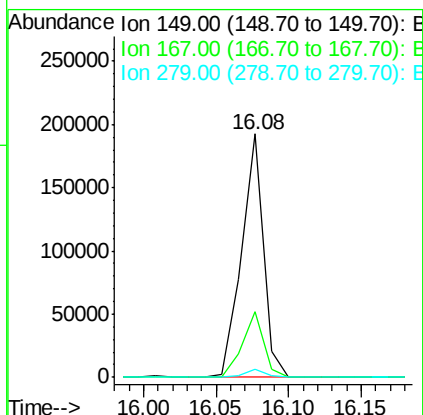
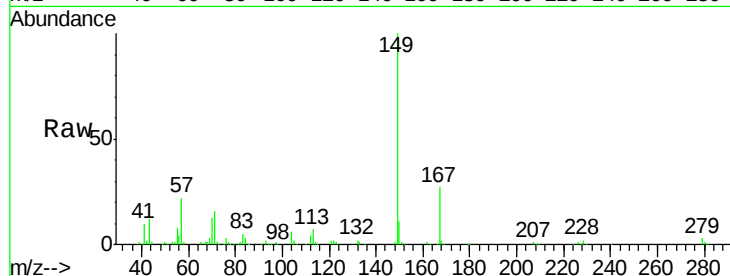




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.05 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

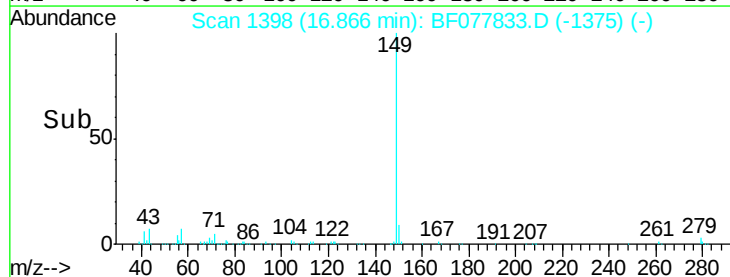
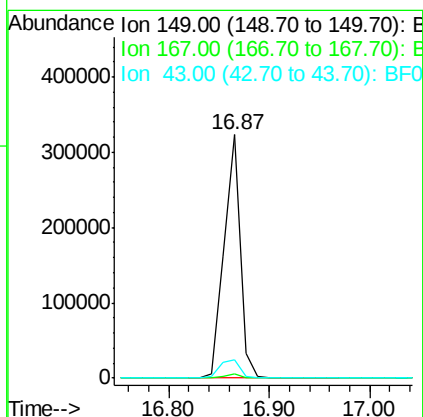
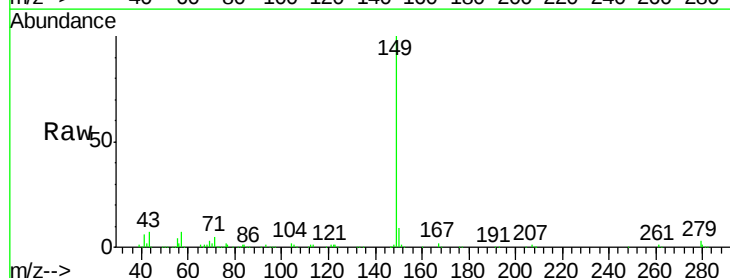
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

Tgt Ion:149 Resp: 202112
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.4 33.6
 279 3.5 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 31.58 ng
 RT: 16.87 min Scan# 1398
 Delta R.T. -0.03 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion:149 Resp: 363183
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 7.3 10.9

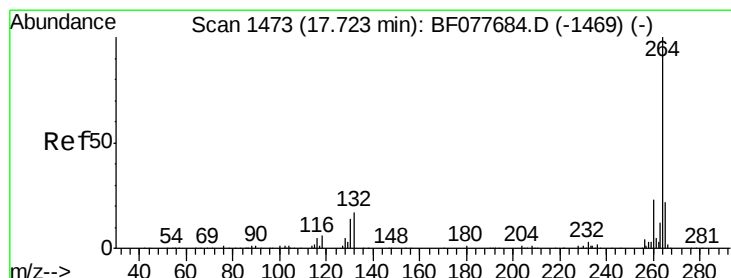
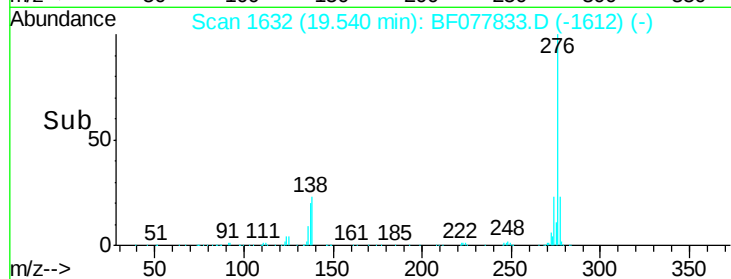
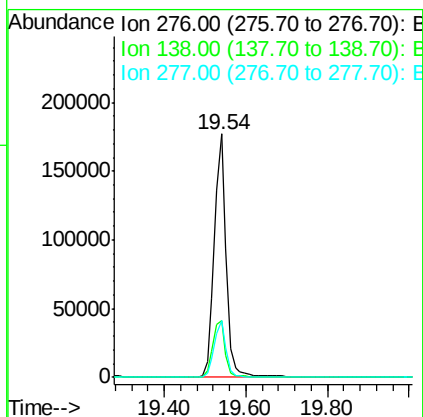
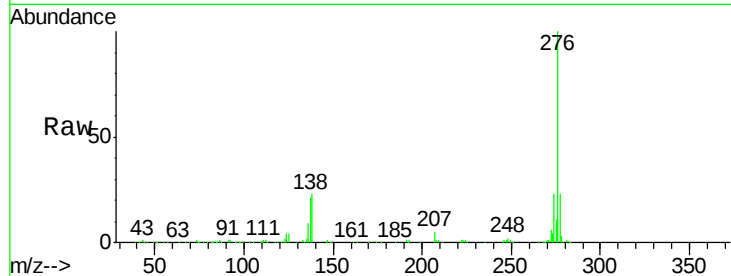




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.25 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. -0.07 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

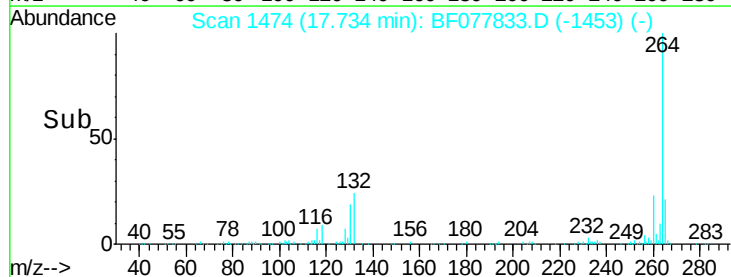
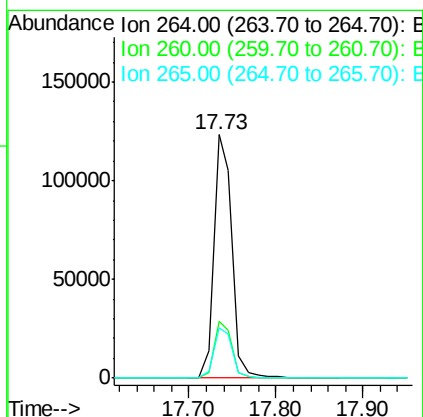
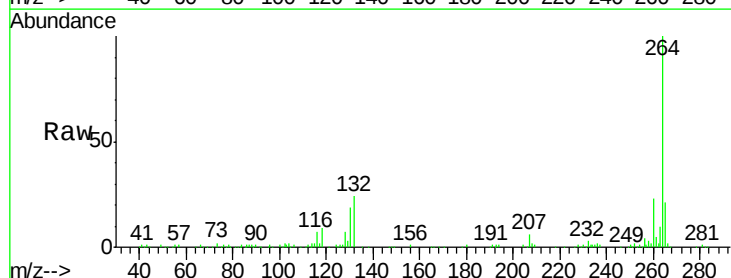
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

Tgt Ion: 276 Resp: 360398
 Ion Ratio Lower Upper
 276 100
 138 24.7 0.0 0.0#
 277 23.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1474
 Delta R.T. -0.06 min
 Lab File: BF077833.D
 Acq: 19 Mar 2015 16:23

Tgt Ion: 264 Resp: 179159
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 20.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 31.26 ng

RT: 17.30 min Scan# 1436

Delta R.T. -0.05 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

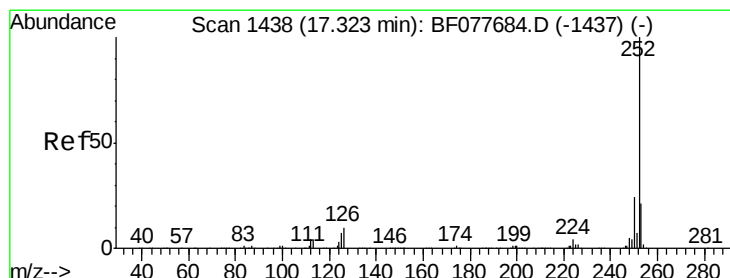
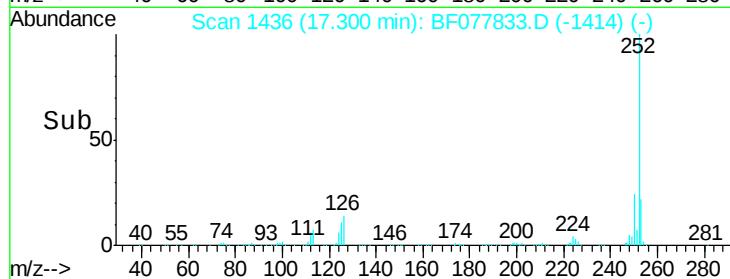
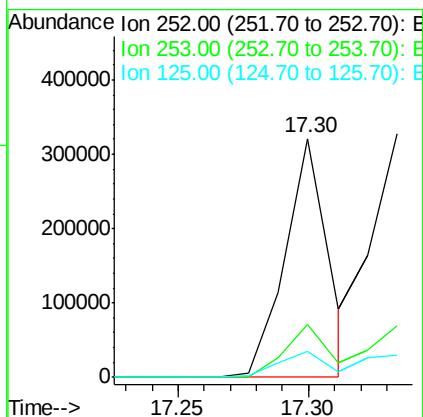
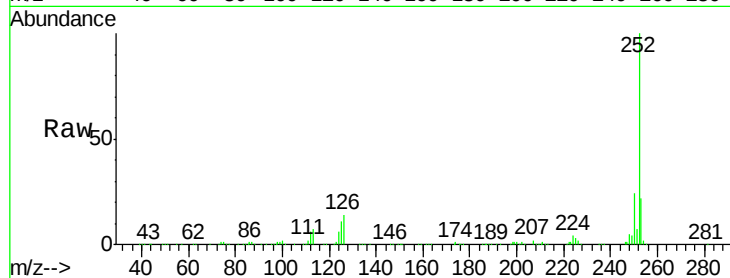
Instrument :

BNA_F

ClientSampleId :

PB82191BSD

Tgt Ion:	252	Resp:	365599
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	10.8	9.9	14.9



#88

Benzo(k)fluoranthene

Concen: 40.02 ng

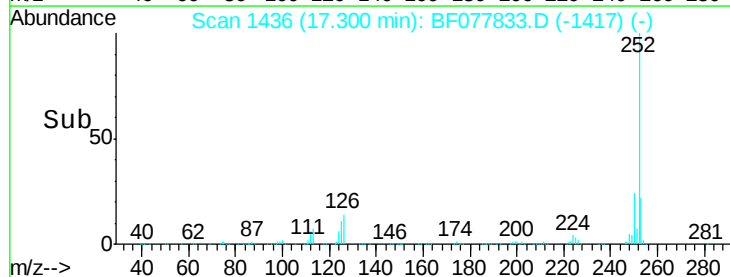
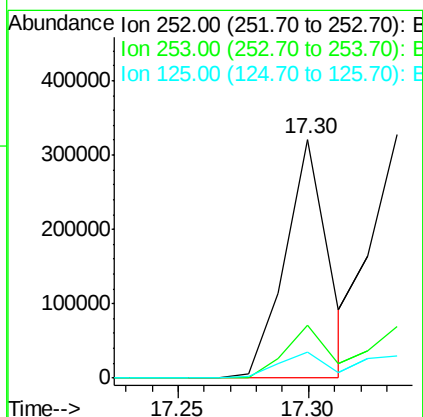
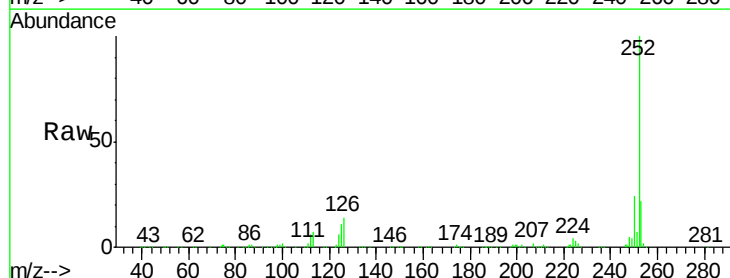
RT: 17.30 min Scan# 1436

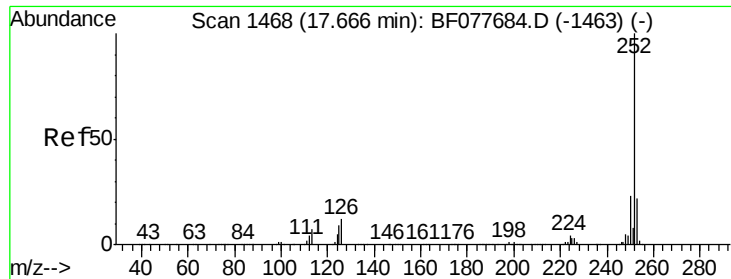
Delta R.T. -0.08 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Tgt Ion:	252	Resp:	365599
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	10.8	8.1	12.1





#89

Benzo(a)pyrene

Concen: 37.86 ng

RT: 17.68 min Scan# 1469

Delta R.T. -0.06 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD

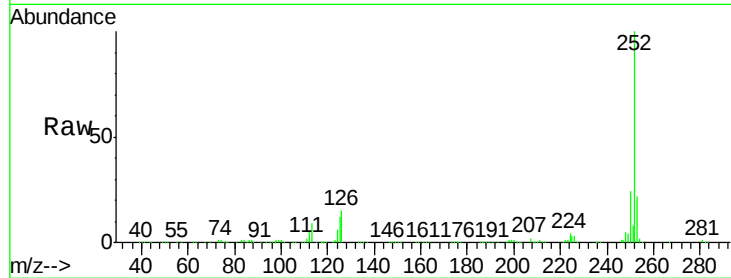
Tgt Ion:252 Resp: 369436

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

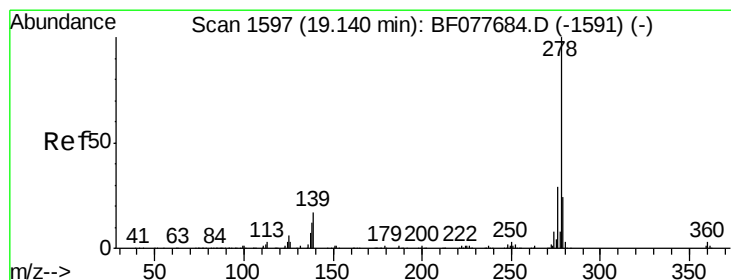
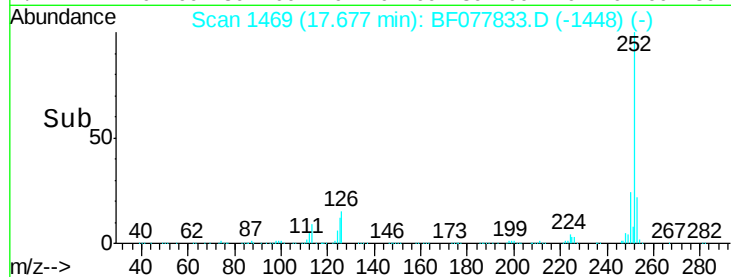
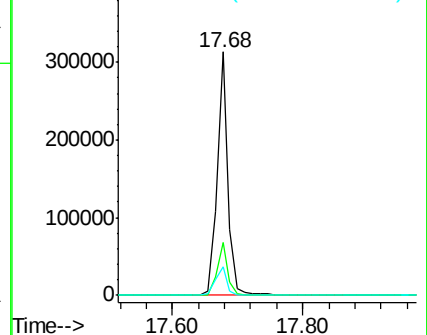
125 11.5 7.4 11.2#



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



#90

Dibenzo(a,h)anthracene

Concen: 35.97 ng

RT: 19.16 min Scan# 1599

Delta R.T. -0.07 min

Lab File: BF077833.D

Acq: 19 Mar 2015 16:23

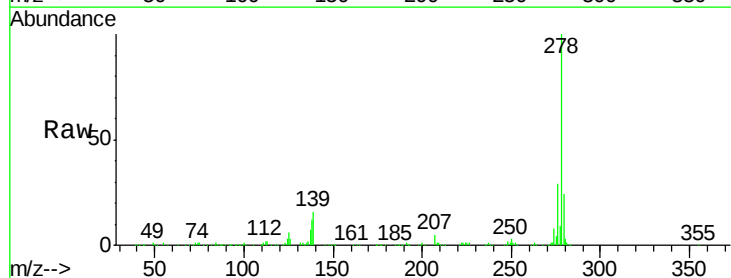
Tgt Ion:278 Resp: 348211

Ion Ratio Lower Upper

278 100

139 15.6 13.4 20.0

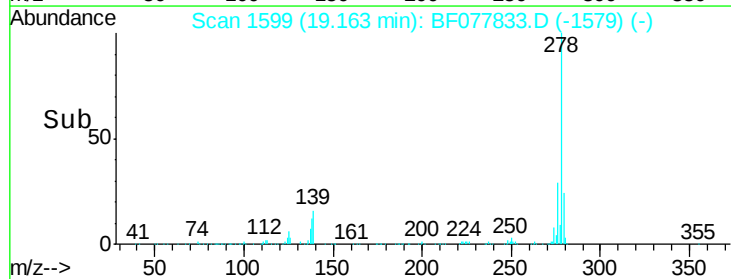
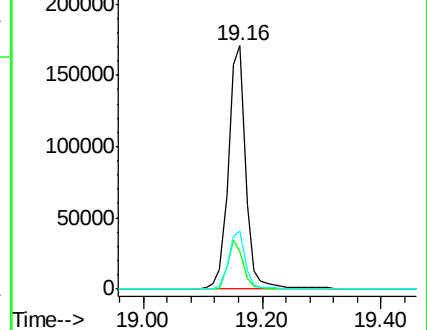
279 23.9 19.0 28.4

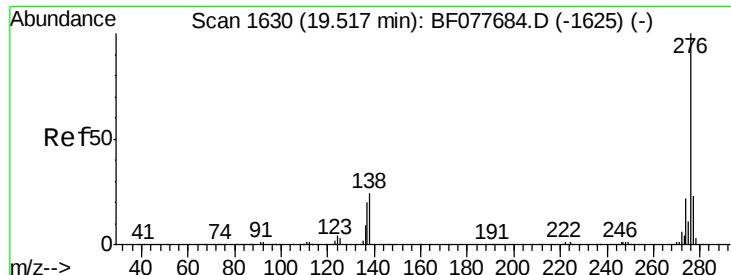


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.55 ng

RT: 19.54 min Scan# 1632

Delta R.T. -0.07 min

Lab File: BF077833.D

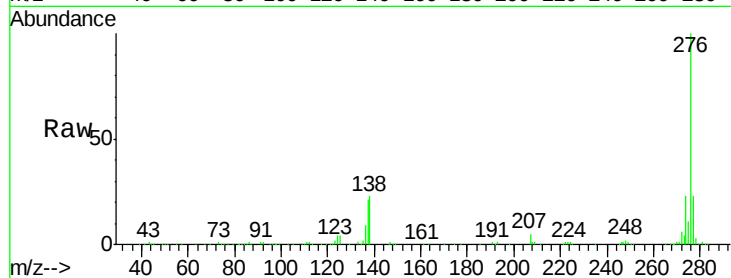
Acq: 19 Mar 2015 16:23

Instrument :

BNA_F

ClientSampleId :

PB82191BSD



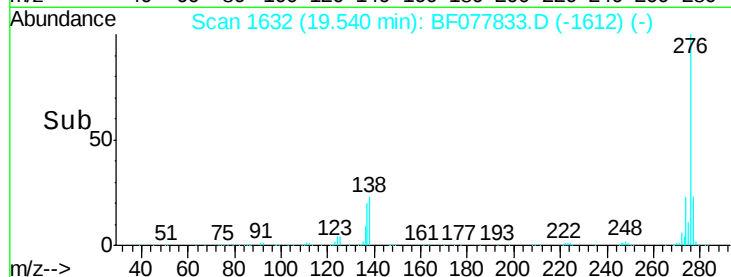
Tgt Ion: 276 Resp: 360146

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 23.2 19.0 28.6



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

