

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078048.D
 Acq On : 27 Mar 2015 20:42
 Operator : TP/IZ
 Sample : PB82360BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Quant Time: Mar 28 05:52:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	37503	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	156060	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	81969	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	158115	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	166270	20.00	ng	0.00
86) Perylene-d12	17.64	264	162554	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	234510	109.15	ng	0.01
7) Phenol-d6	6.67	99	286583	107.96	ng	0.00
23) Nitrobenzene-d5	7.77	82	164476	69.09	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	78923	100.63	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	374612	67.16	ng	0.00
78) Terphenyl-d14	14.65	244	474167	69.66	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.95	88	28433	29.15	ng	# 100
3) Pyridine	2.62	79	72093	27.51	ng	96
4) n-Nitrosodimethylamine	2.54	42	38376	33.63	ng	94
6) Aniline	6.66	93	66943	17.63	ng	92
8) 2-Chlorophenol	6.81	128	91762	35.88	ng	92
9) Benzaldehyde	6.52	77	3906	3.59	ng	95
10) Phenol	6.68	94	106807	34.04	ng	79
11) bis(2-Chloroethyl)ether	6.77	93	86804	36.93	ng	97
12) 1,3-Dichlorobenzene	6.99	146	94382	33.18	ng	# 95
13) 1,4-Dichlorobenzene	7.09	146	98103	33.19	ng	95
14) 1,2-Dichlorobenzene	7.28	146	94120	34.74	ng	95
15) Benzyl Alcohol	7.26	79	69824	33.70	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.45	45	113076	35.70	ng	98
17) 2-Methylphenol	7.44	107	70679	33.95	ng	# 94
18) Hexachloroethane	7.69	117	33154	34.20	ng	90
19) n-Nitroso-di-n-propylamine	7.60	70	60944	33.19	ng	96
20) 3+4-Methylphenols	7.63	107	97022	35.51	ng	99
22) Acetophenone	7.58	105	121551	35.18	ng	# 98
24) Nitrobenzene	7.79	77	86321	33.66	ng	98
25) Isophorone	8.10	82	165840	34.49	ng	99
26) 2-Nitrophenol	8.19	139	43174	34.38	ng	97
27) 2,4-Dimethylphenol	8.27	122	84477	36.93	ng	96
28) bis(2-Chloroethoxy)methane	8.38	93	105174	36.04	ng	97
29) 2,4-Dichlorophenol	8.50	162	78647	36.07	ng	97
30) 1,2,4-Trichlorobenzene	8.59	180	78731	32.27	ng	99
31) Naphthalene	8.68	128	260723	32.53	ng	99
32) Benzoic acid	8.38	122	39924	32.36	ng	96
33) 4-Chloroaniline	8.76	127	59920	18.42	ng	# 96
34) Hexachlorobutadiene	8.83	225	43581	31.52	ng	96
35) Caprolactam	9.18	113	23278	36.53	ng	96
36) 4-Chloro-3-methylphenol	9.39	107	77679	35.41	ng	99
37) 2-Methylnaphthalene	9.54	142	187743	34.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	77984	31.90	ng	# 100
40) Hexachlorocyclopentadiene	9.72	237	71538	59.30	ng	97

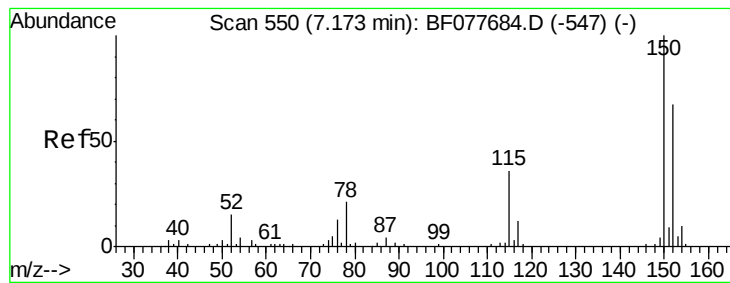
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078048.D
 Acq On : 27 Mar 2015 20:42
 Operator : TP/IZ
 Sample : PB82360BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	55238	32.62	ng	98
43) 2,4,5-Trichlorophenol	9.95	196	60455	33.04	ng	95
45) 1,1'-Biphenyl	10.12	154	217747	33.23	ng	97
46) 2-Chloronaphthalene	10.13	162	174831	32.83	ng	# 93
47) 2-Nitroaniline	10.27	65	43531	32.92	ng	# 84
48) Acenaphthylene	10.65	152	281860	31.83	ng	99
49) Dimethylphthalate	10.51	163	208470	34.29	ng	100
50) 2,6-Dinitrotoluene	10.58	165	43224	34.30	ng	88
51) Acenaphthene	10.85	154	158613	31.24	ng	98
52) 3-Nitroaniline	10.79	138	37034	25.30	ng	84
53) 2,4-Dinitrophenol	10.92	184	23638	53.97	ng	# 78
54) Dibenzofuran	11.07	168	250423	33.26	ng	93
55) 4-Nitrophenol	11.03	139	64480	59.48	ng	# 67
56) 2,4-Dinitrotoluene	11.08	165	61554	37.46	ng	# 57
57) Fluorene	11.49	166	204594	32.72	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.23	232	44601	31.66	ng	# 100
59) Diethylphthalate	11.39	149	209395	35.35	ng	99
60) 4-Chlorophenyl-phenylether	11.51	204	95367	33.42	ng	# 86
61) 4-Nitroaniline	11.54	138	47125	32.31	ng	87
62) Azobenzene	11.70	77	192328	33.97	ng	91
64) 4,6-Dinitro-2-methylphenol	11.57	198	20671	29.51	ng	94
65) n-Nitrosodiphenylamine	11.65	169	174259	33.10	ng	100
66) 4-Bromophenyl-phenylether	12.11	248	57906	34.32	ng	# 90
67) Hexachlorobenzene	12.17	284	60607	32.69	ng	# 92
68) Atrazine	12.34	200	60016	40.68	ng	99
69) Pentachlorophenol	12.43	266	46802	49.42	ng	97
70) Phenanthrene	12.68	178	315941	34.81	ng	99
71) Anthracene	12.75	178	312717	34.87	ng	99
72) Carbazole	12.96	167	296466	34.75	ng	99
73) Di-n-butylphthalate	13.41	149	359185	37.55	ng	99
74) Fluoranthene	14.16	202	344678	34.43	ng	99
76) Benzidine	14.34	184	132730	32.18	ng	98
77) Pyrene	14.43	202	365824	34.99	ng	99
79) Butylbenzylphthalate	15.27	149	158844	38.53	ng	87
80) Benzo(a)anthracene	15.92	228	343148	34.82	ng	99
81) 3,3'-Dichlorobenzidine	15.91	252	80486	24.76	ng	# 99
82) Chrysene	15.96	228	323440	36.50	ng	99
83) Bis(2-ethylhexyl)phthalate	15.99	149	231066	37.00	ng	# 96
84) Di-n-octyl phthalate	16.77	149	403500	37.79	ng	100
85) Indeno(1,2,3-cd)pyrene	18.98	276	364677	32.97	ng	# 100
87) Benzo(b)fluoranthene	17.20	252	340513	32.09	ng	98
88) Benzo(k)fluoranthene	17.23	252	301032	36.32	ng	# 97
89) Benzo(a)pyrene	17.57	252	313694	35.43	ng	# 96
90) Dibenzo(a,h)anthracene	19.00	278	295435	33.64	ng	97
91) Benzo(g,h,i)perylene	19.37	276	299211	33.47	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF078048.D

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PB82360BS

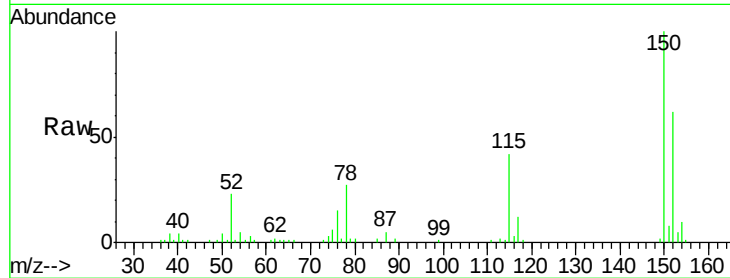
Tot Ion:152 Resp: 37503

Ion Ratio Lower Upper

152 100

150 161.9 119.5 179.3

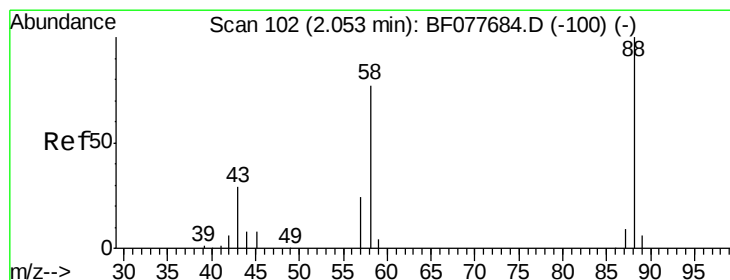
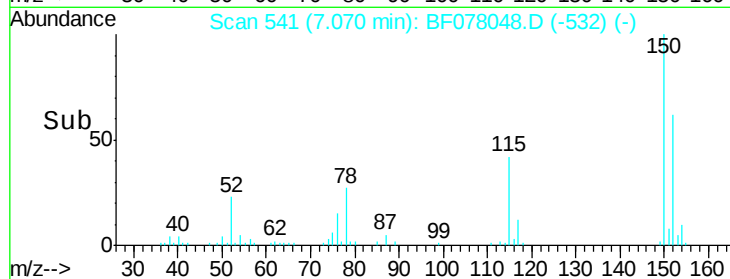
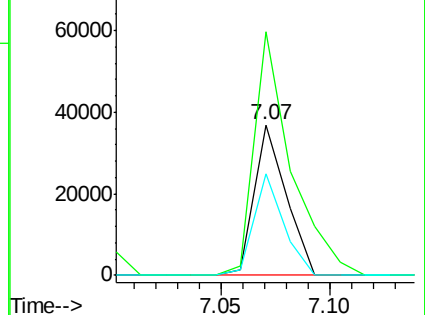
115 67.5 43.0 64.4#



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: 29.15 ng

RT: 1.95 min Scan# 93

Delta R.T. 0.02 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

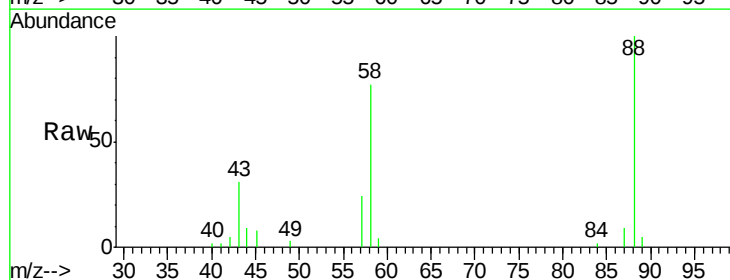
Tgt Ion: 88 Resp: 28433

Ion Ratio Lower Upper

88 100

58 72.3 0.0 0.0#

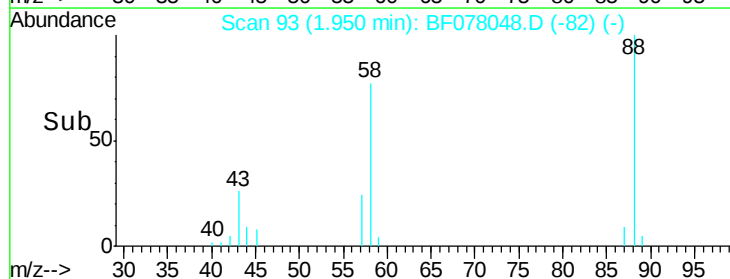
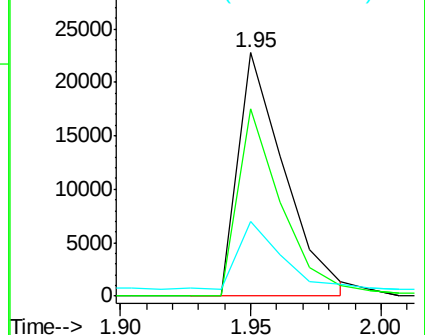
43 26.9 0.0 0.0#

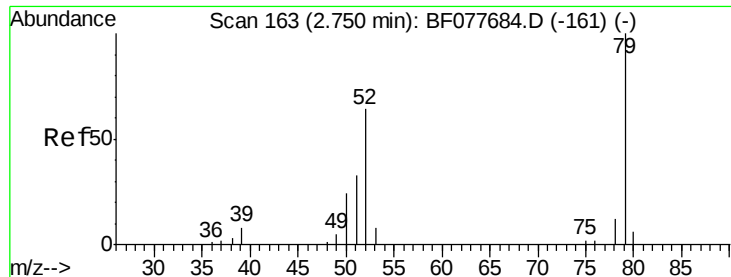


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

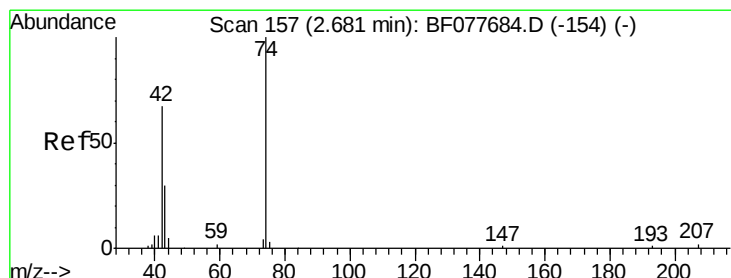
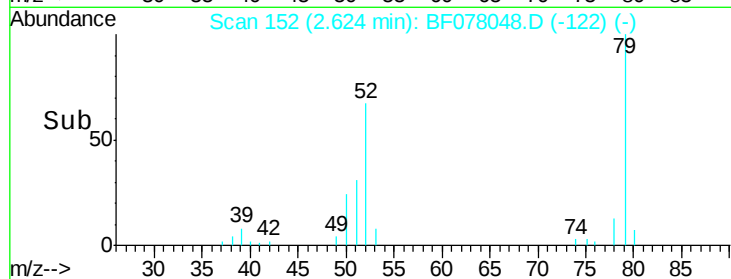
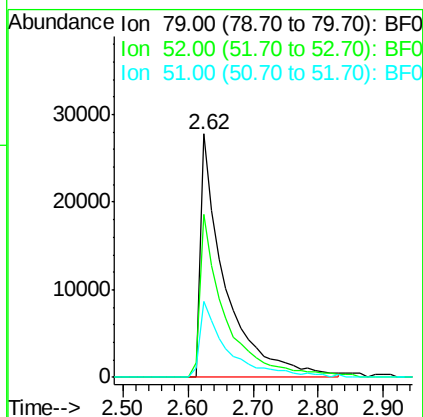
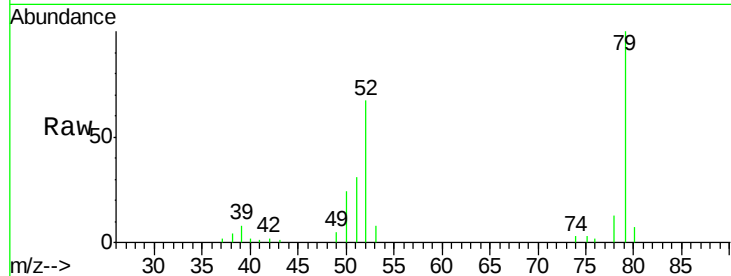




#3
 Pvridine
 Concen: 27.51 ng
 RT: 2.62 min Scan# 152
 Delta R.T. 0.05 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

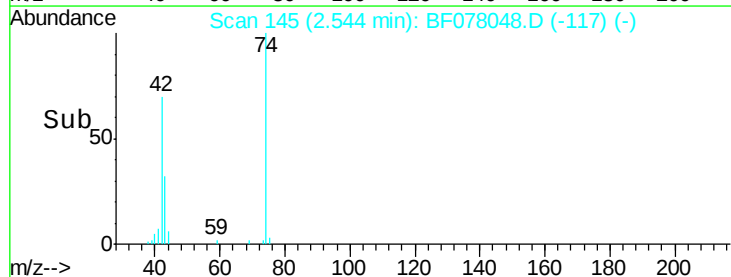
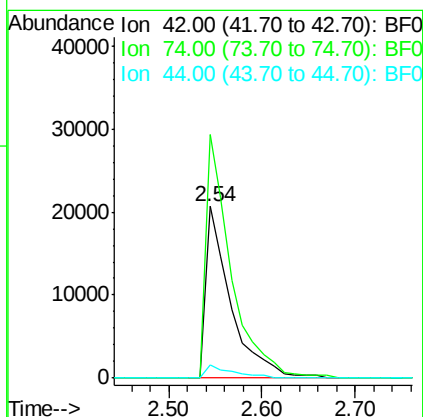
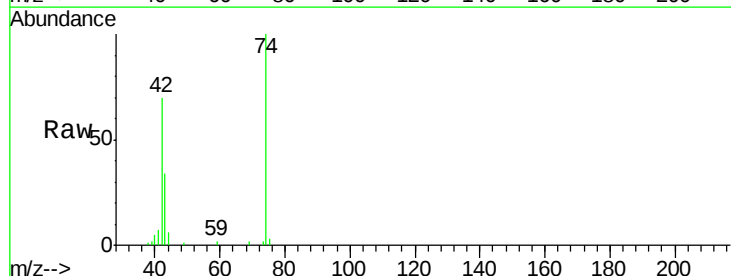
Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion: 79 Resp: 72093
 Ion Ratio Lower Upper
 79 100
 52 67.2 51.1 76.7
 51 31.3 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 33.63 ng
 RT: 2.54 min Scan# 145
 Delta R.T. 0.02 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion: 42 Resp: 38376
 Ion Ratio Lower Upper
 42 100
 74 141.9 119.3 178.9
 44 7.9 5.4 8.2





#5

2-Fluorophenol

Concen: 109.15 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleId :

PB82360BS

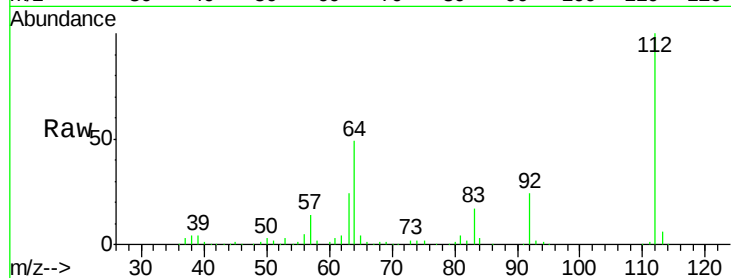
Tot Ion: 112 Resp: 234510

Ion Ratio Lower Upper

112 100

64 48.9 38.6 57.8

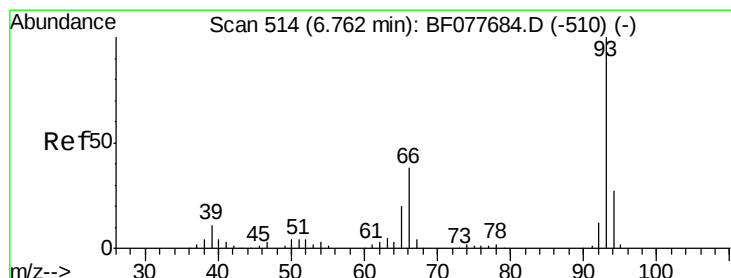
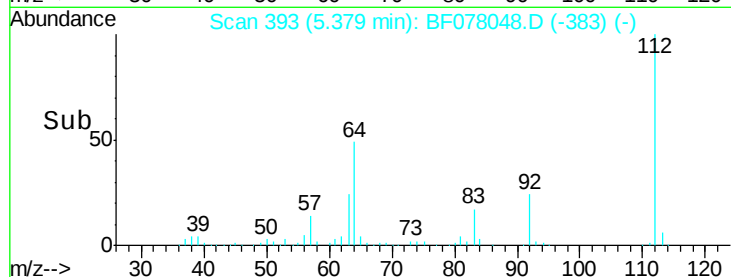
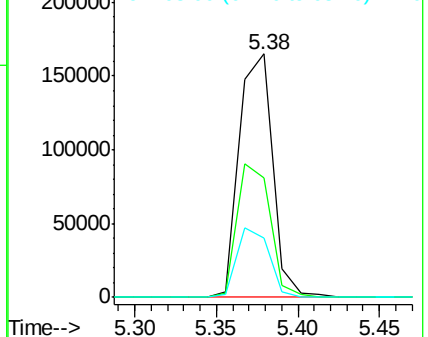
63 24.4 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.63 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

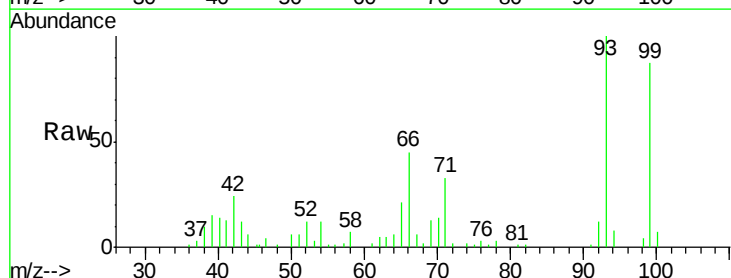
Tgt Ion: 93 Resp: 66943

Ion Ratio Lower Upper

93 100

66 45.0 30.8 46.2

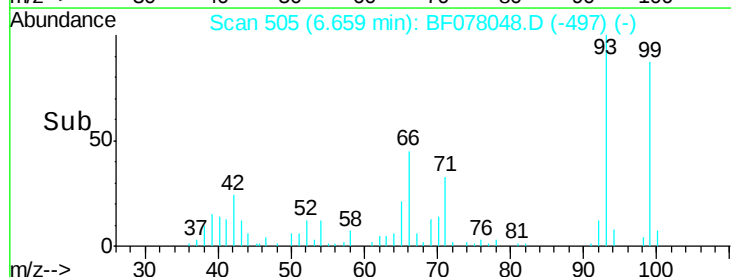
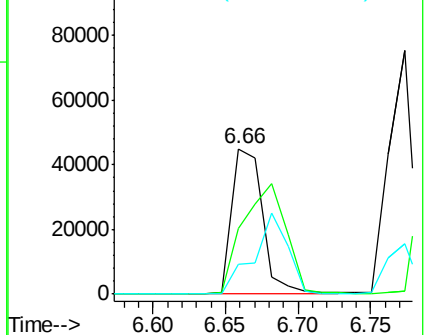
65 20.8 16.0 24.0



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: 107.96 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleId :

PB82360BS

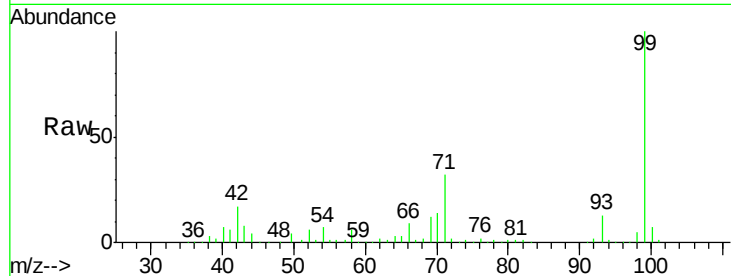
Tot Ion: 99 Resp: 286583

Ion Ratio Lower Upper

99 100

42 17.0 11.0 16.4#

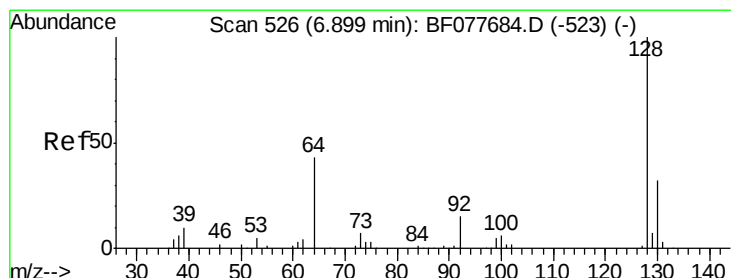
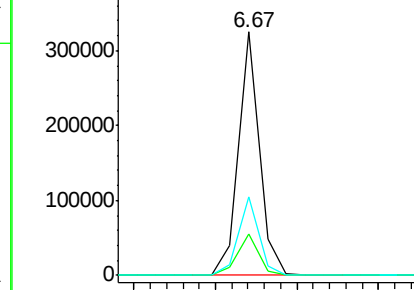
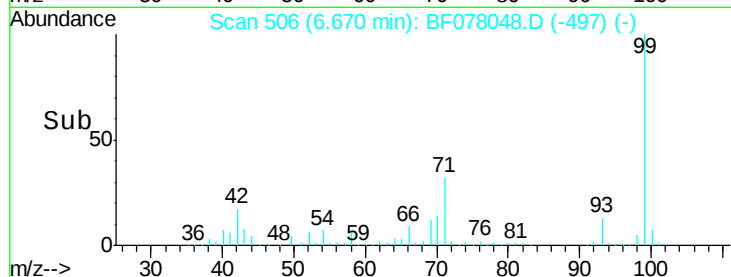
71 32.3 23.4 35.2



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: 35.88 ng

RT: 6.81 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

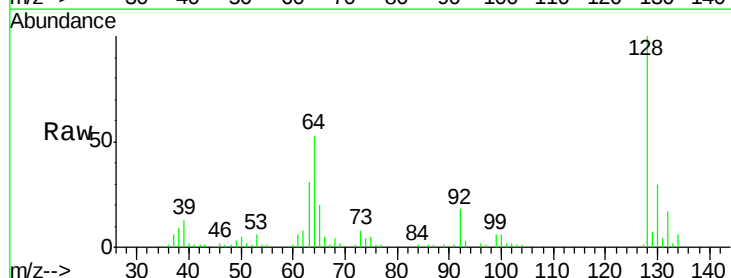
Tgt Ion: 128 Resp: 91762

Ion Ratio Lower Upper

128 100

130 30.3 12.0 52.0

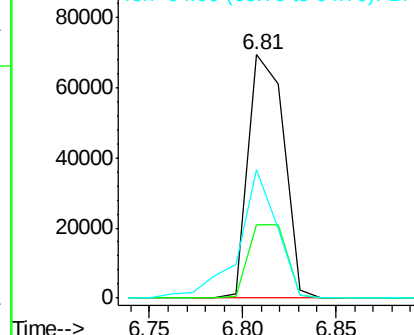
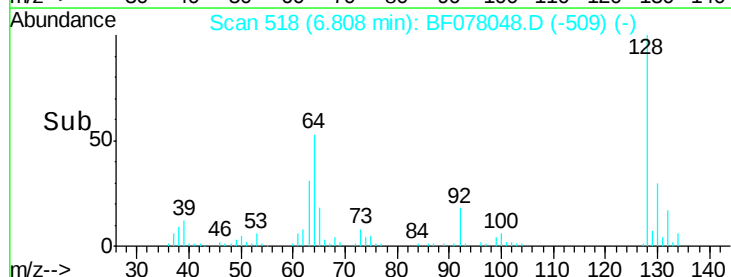
64 52.8 24.9 64.9



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: 3.59 ng

RT: 6.52 min Scan# 493

Delta R.T. 0.00 min

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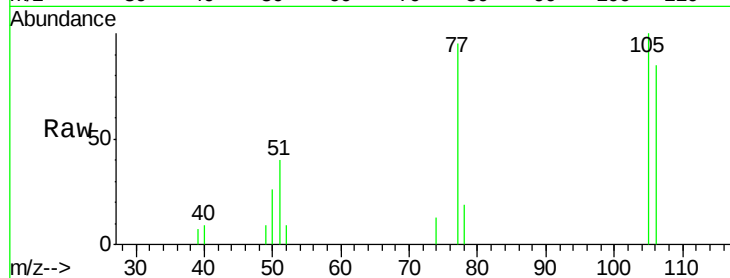
Tot Ion: 77 Resp: 3906

Ion Ratio Lower Upper

77 100

105 105.4 78.8 118.8

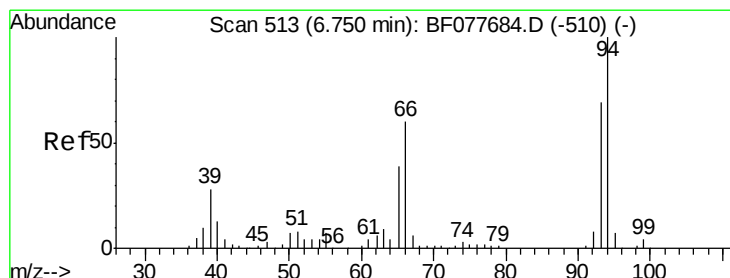
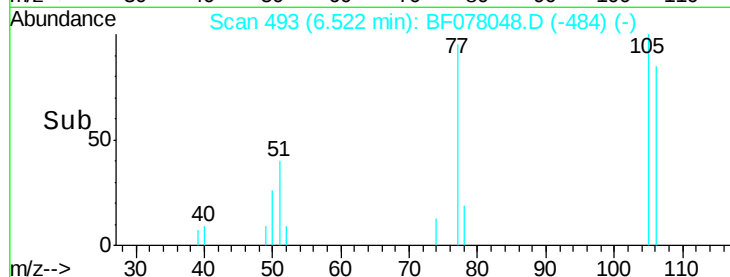
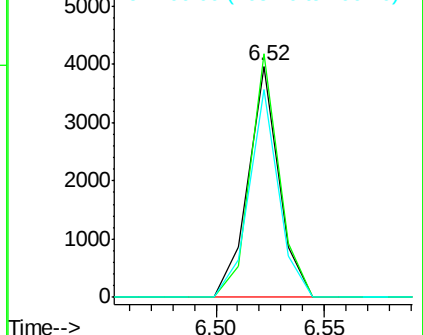
106 89.7 73.7 113.7



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: 34.04 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

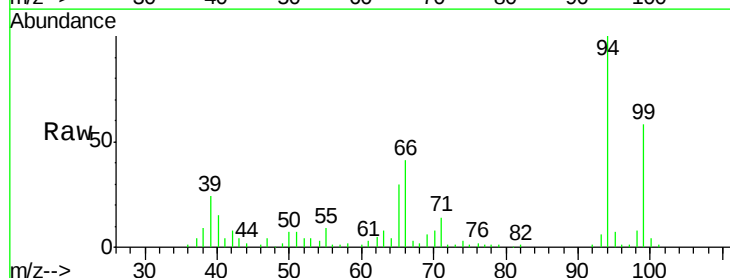
Tgt Ion: 94 Resp: 106807

Ion Ratio Lower Upper

94 100

65 30.2 18.8 58.8

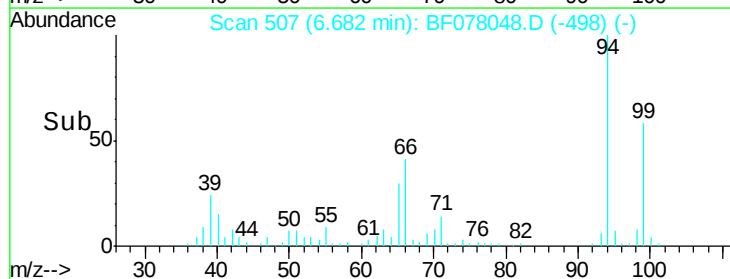
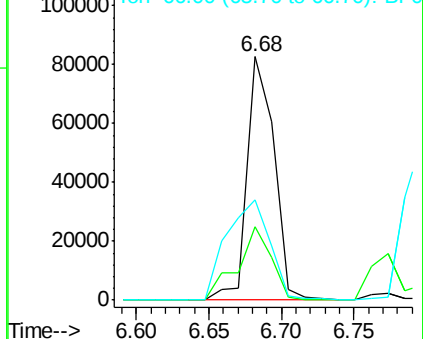
66 41.3 39.9 79.9

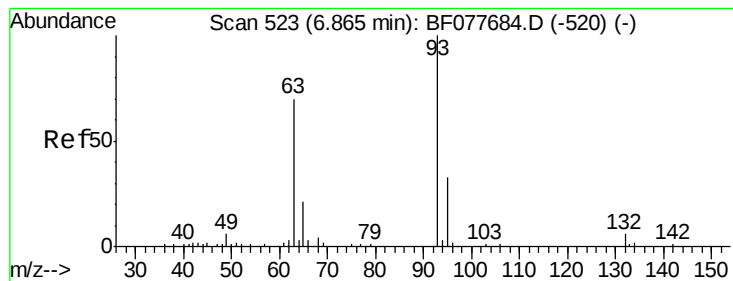


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.93 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleId :

PB82360BS

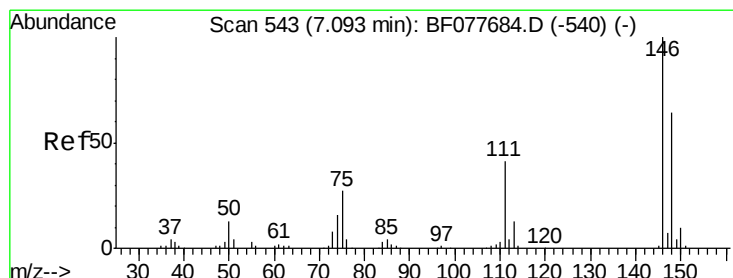
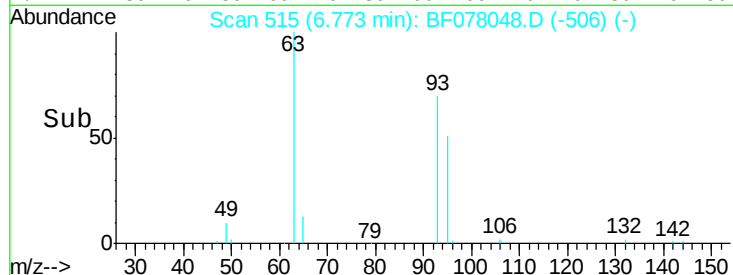
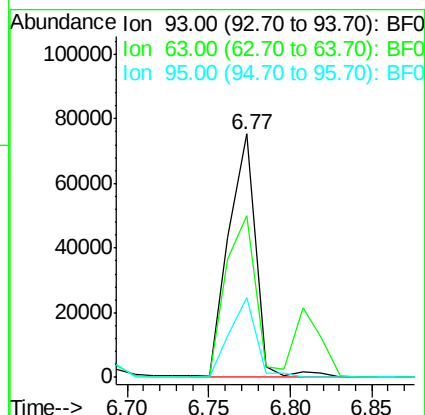
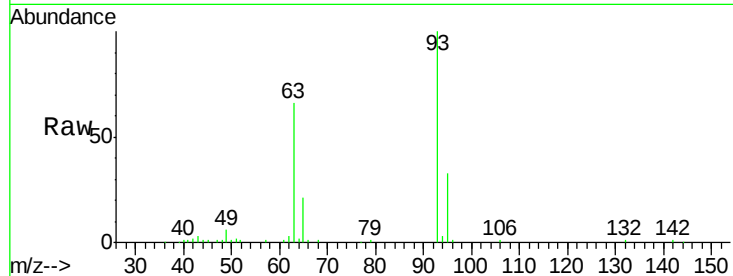
Tot Ion: 93 Resp: 86804

Ion Ratio Lower Upper

93 100

63 66.5 49.5 89.5

95 32.7 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 33.18 ng

RT: 6.99 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

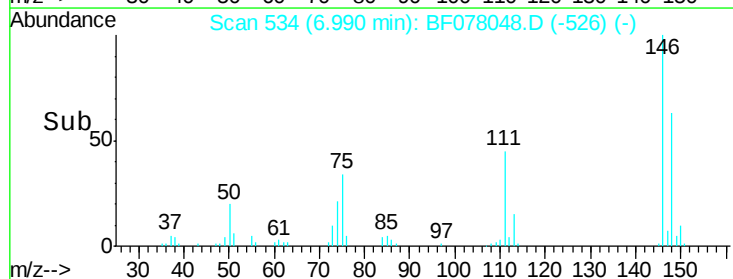
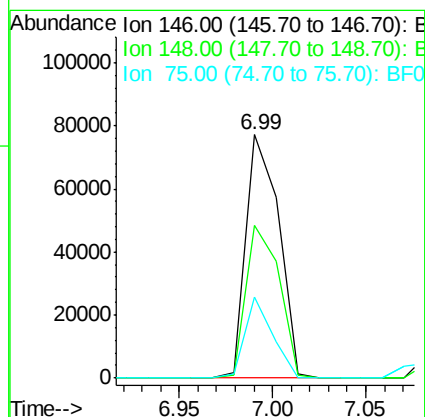
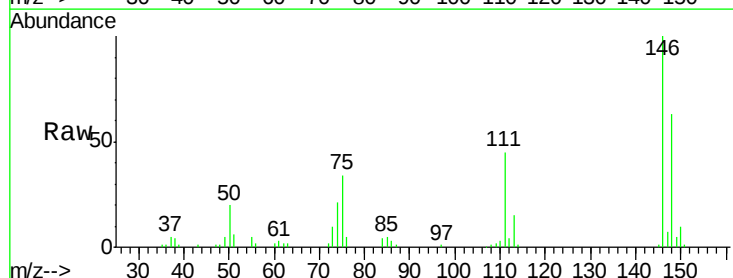
Tgt Ion: 146 Resp: 94382

Ion Ratio Lower Upper

146 100

148 62.8 50.9 76.3

75 33.5 21.4 32.2#

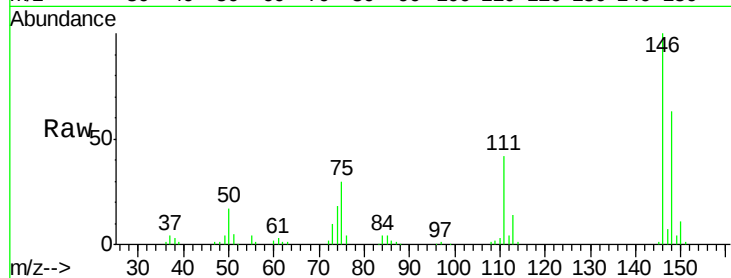




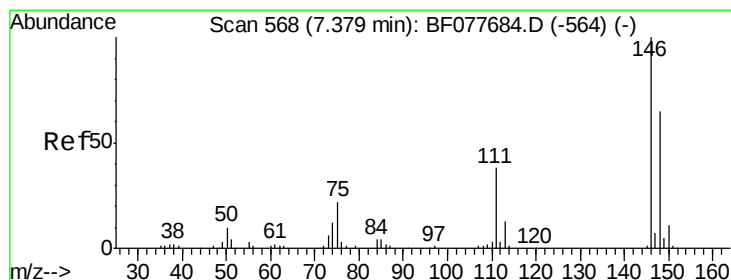
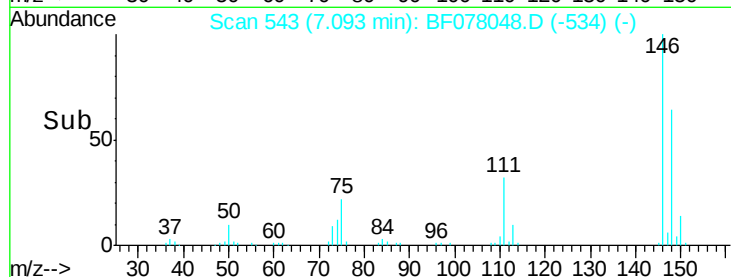
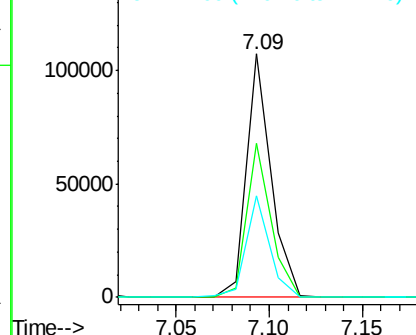
#13
 1,4-Dichlorobenzene
 Concen: 33.19 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampled :
 PB82360BS

Tot Ion:146 Resp: 98103
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.9 77.9
 111 41.8 29.2 43.8

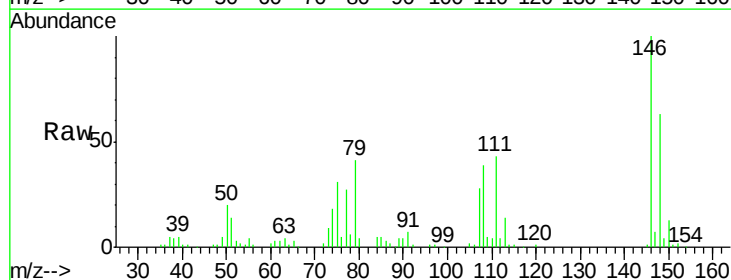


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

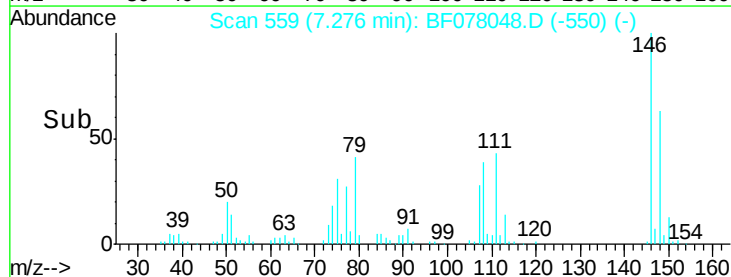
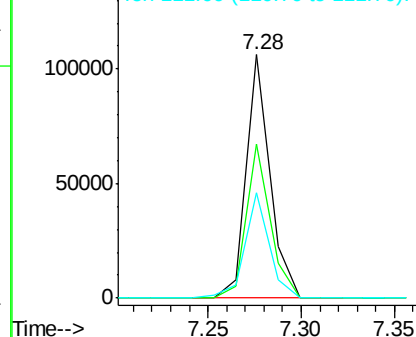


#14
 1,2-Dichlorobenzene
 Concen: 34.74 ng
 RT: 7.28 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:146 Resp: 94120
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.3 78.5
 111 43.5 30.6 45.8



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





#15

Benzyl Alcohol

Concen: 33.70 ng

RT: 7.26 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleId :

PB82360BS

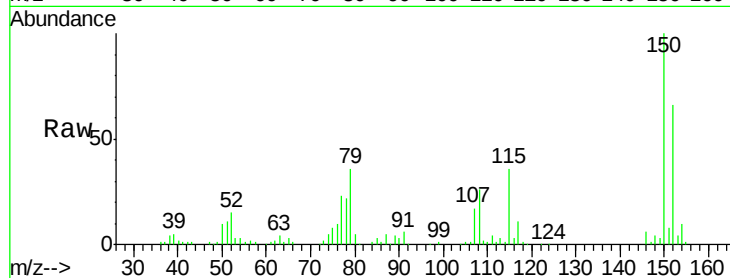
Tot Ion: 79 Resp: 69824

Ion Ratio Lower Upper

79 100

108 71.6 65.0 97.4

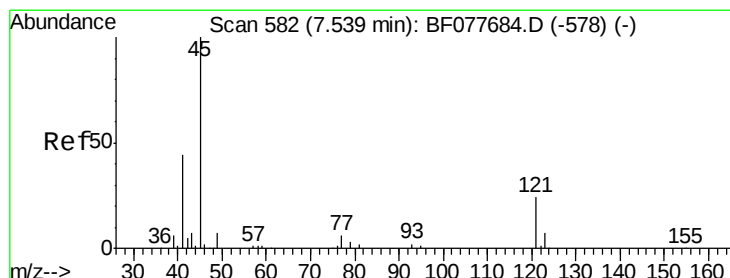
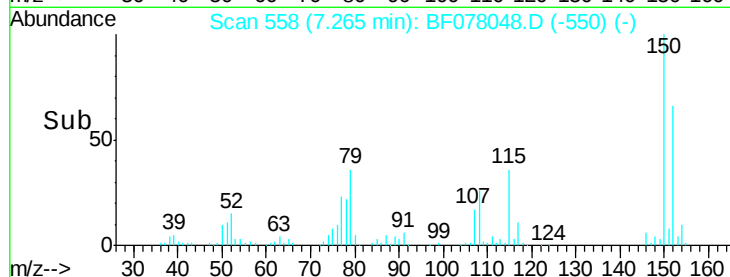
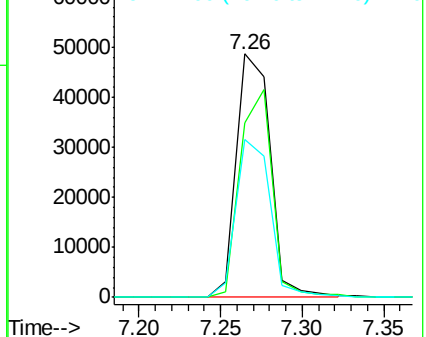
77 65.0 53.0 79.6



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: 35.70 ng

RT: 7.45 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

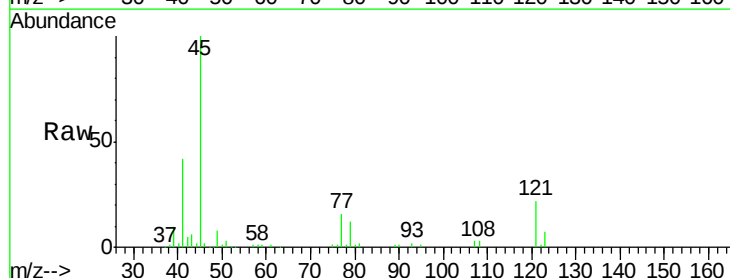
Tgt Ion: 45 Resp: 113076

Ion Ratio Lower Upper

45 100

77 16.3 0.0 35.2

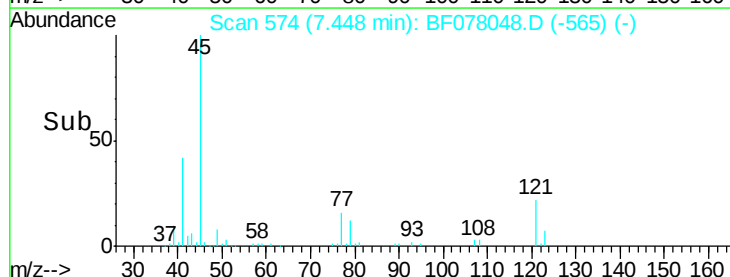
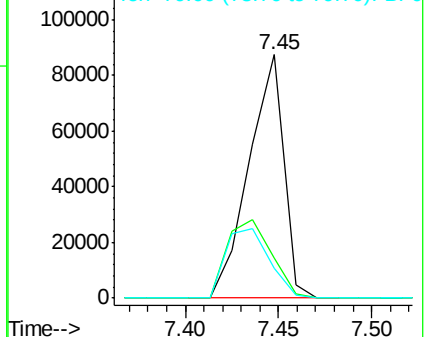
79 12.2 0.0 32.0

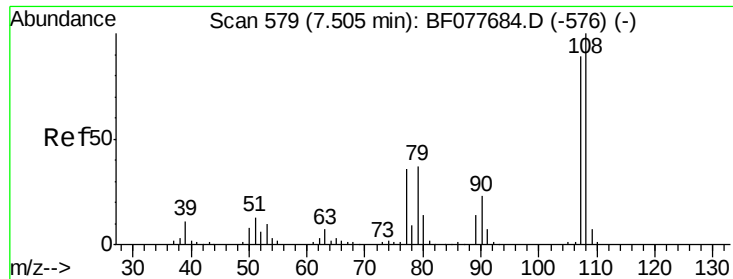


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

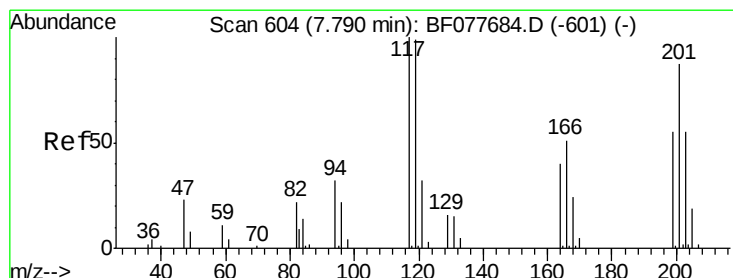
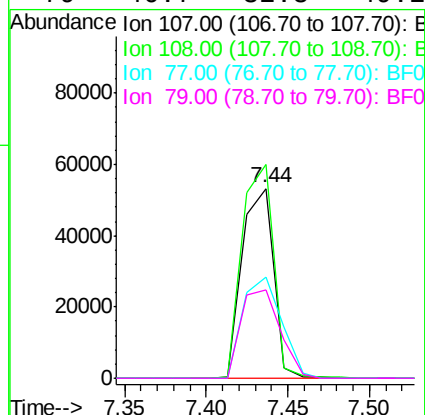
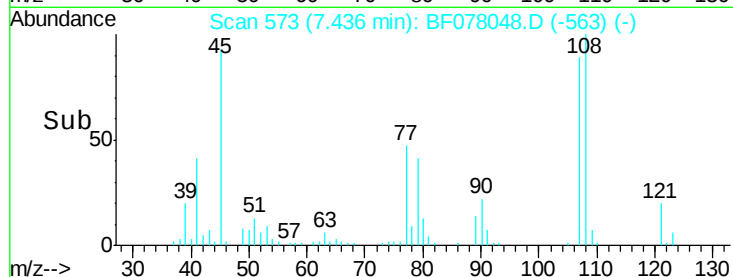
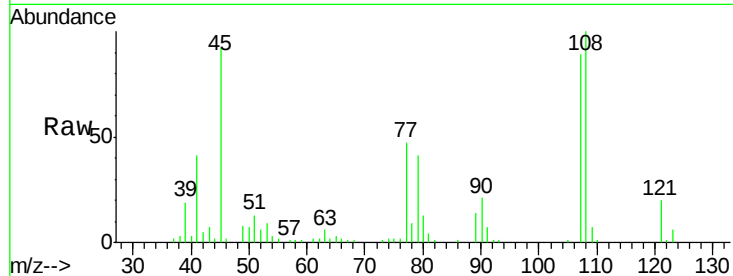




#17
2-Methylphenol
Concen: 33.95 ng
RT: 7.44 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

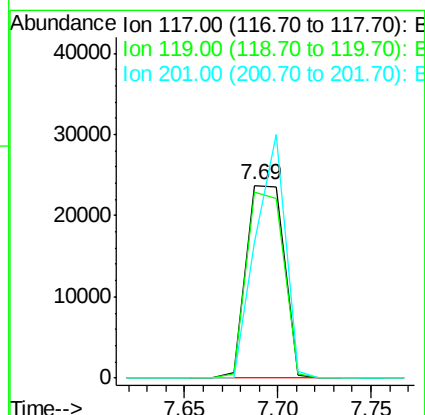
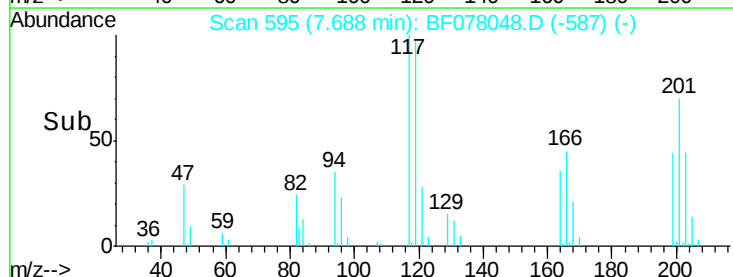
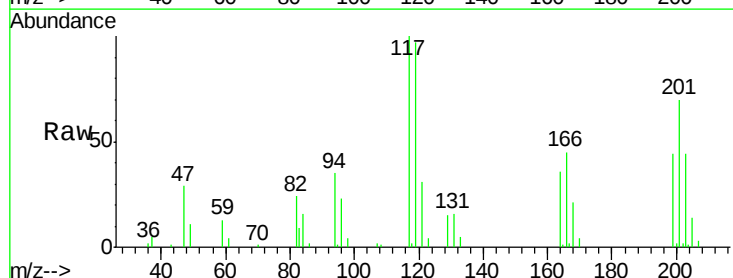
Instrument :
BNA_F
ClientSampleId :
PB82360BS

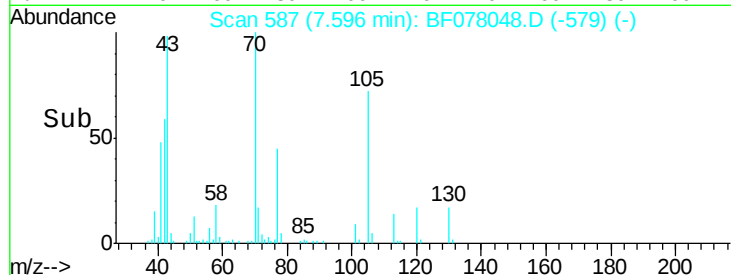
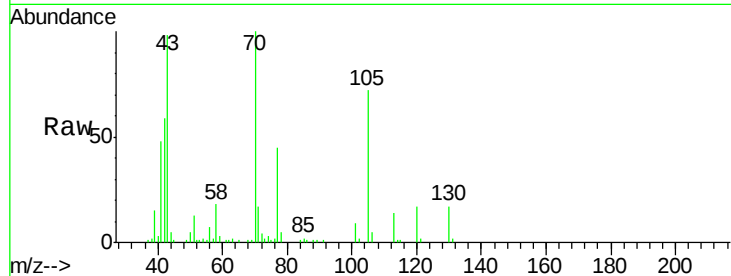
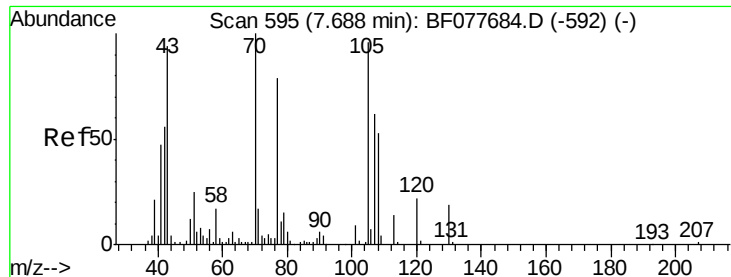
Tot Ion:107 Resp: 70679
Ion Ratio Lower Upper
107 100
108 112.7 89.8 134.8
77 53.2 32.6 48.8#
79 46.7 32.8 49.2



#18
Hexachloroethane
Concen: 34.20 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion:117 Resp: 33154
Ion Ratio Lower Upper
117 100
119 96.6 79.2 118.8
201 70.3 69.8 104.6

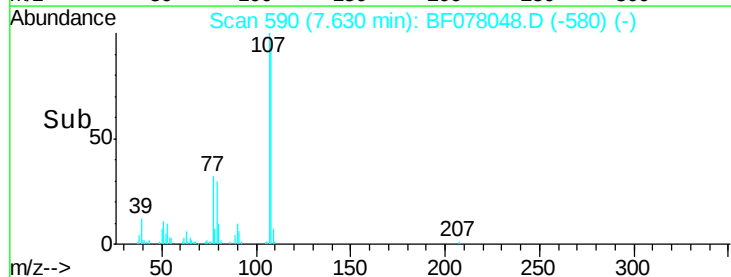
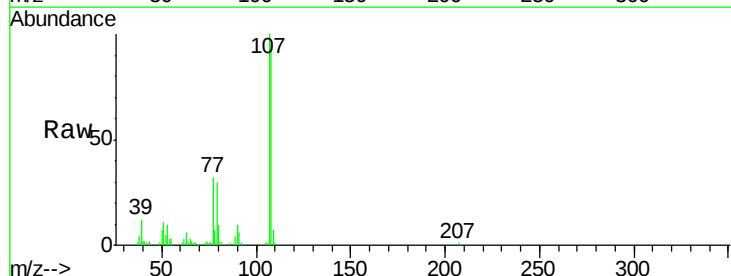
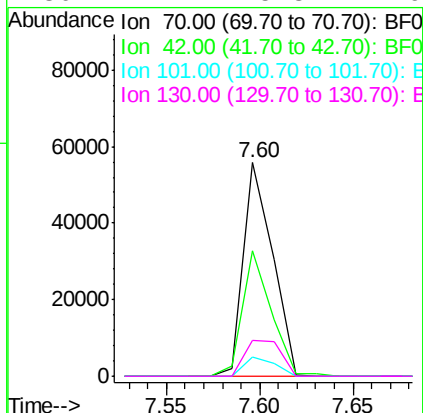




#19
n-Nitroso-di-n-propylamine
Concen: 33.19 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

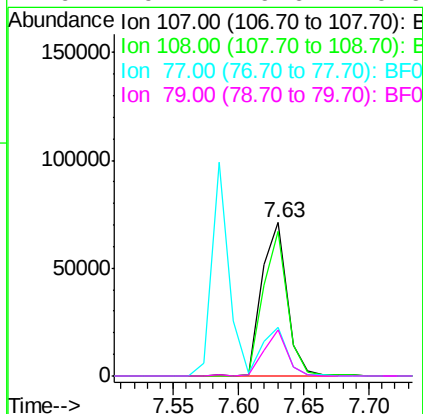
Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion:	70	Resp:	60944
Ion	Ratio	Lower	Upper
70	100		
42	58.7	44.5	66.7
101	9.1	7.4	11.2
130	17.1	15.3	22.9



#20
3+4-Methylphenols
Concen: 35.51 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion:	107	Resp:	97022
Ion	Ratio	Lower	Upper
107	100		
108	94.6	73.2	113.2
77	32.2	10.7	50.7
79	29.7	9.6	49.6

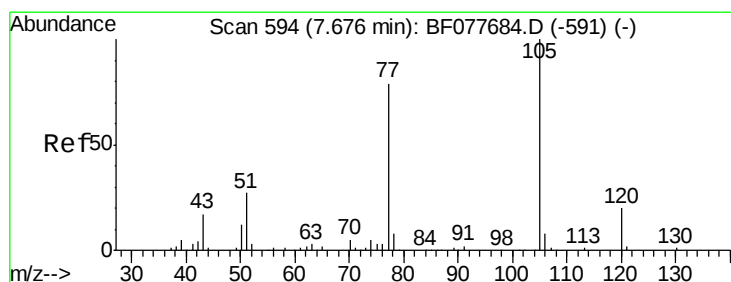
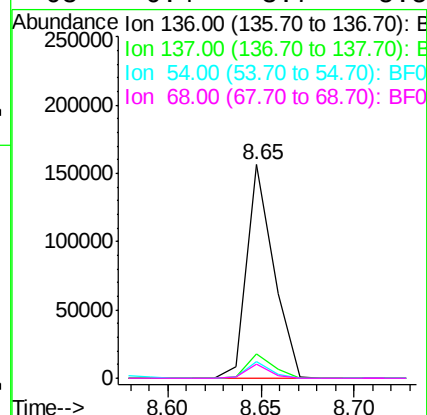
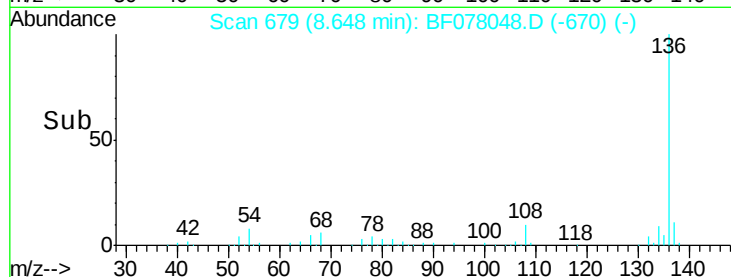
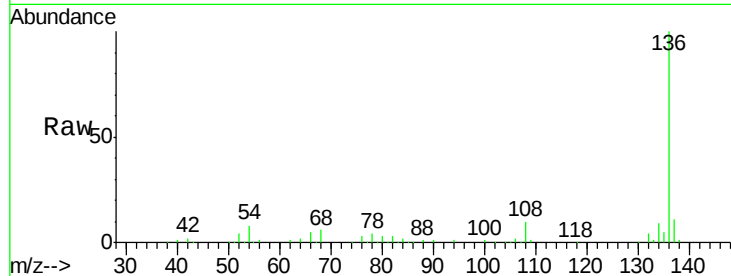




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

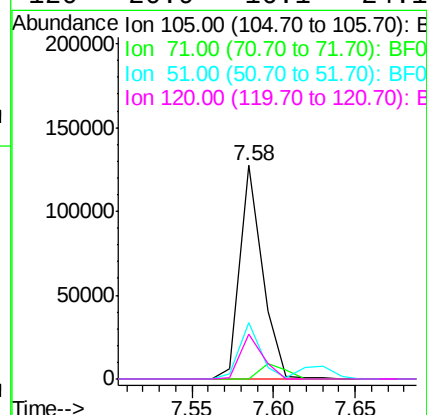
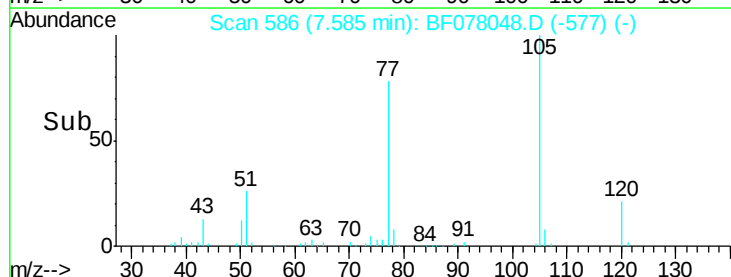
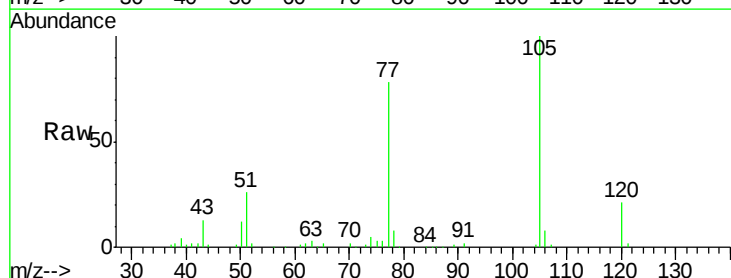
Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion:136	Resp:	156060
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	8.0	4.6 6.8#
68	6.4	3.7 5.5#



#22
Acetophenone
Concen: 35.18 ng
RT: 7.58 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion:105	Resp:	121551
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	26.2	21.6 32.4
120	20.9	16.1 24.1

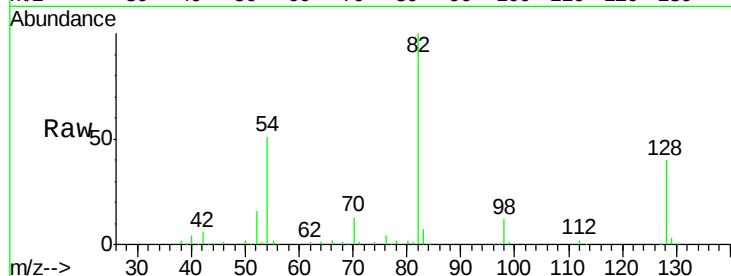




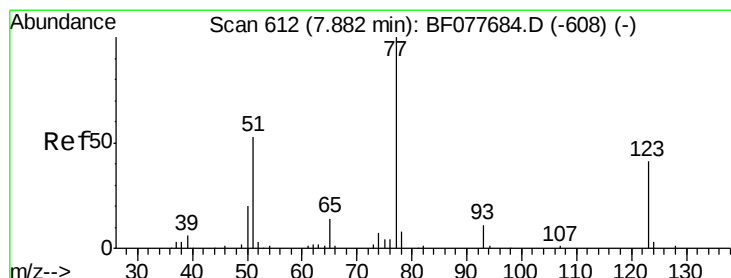
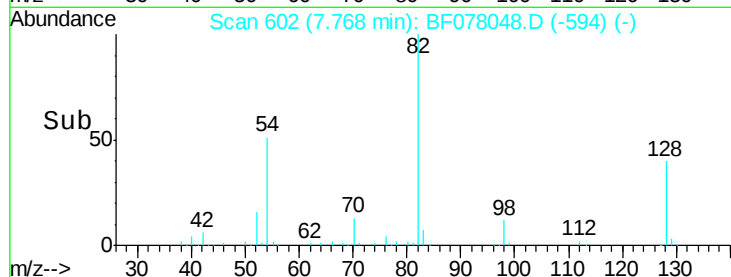
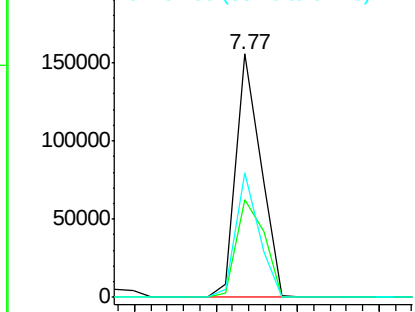
#23
 Nitrobenzene-d5
 Concen: 69.09 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion	82	Resp	164476
Ion Ratio	100	Lower	Upper
128	40.3	32.8	49.2
54	51.1	40.6	60.8

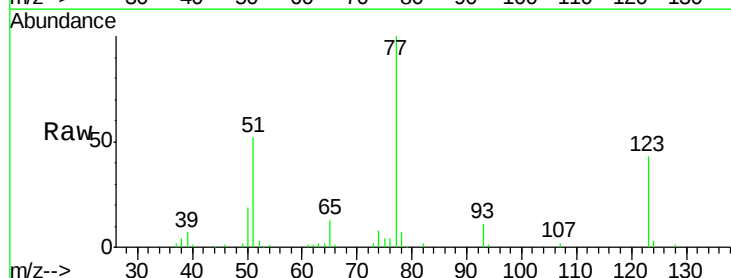


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

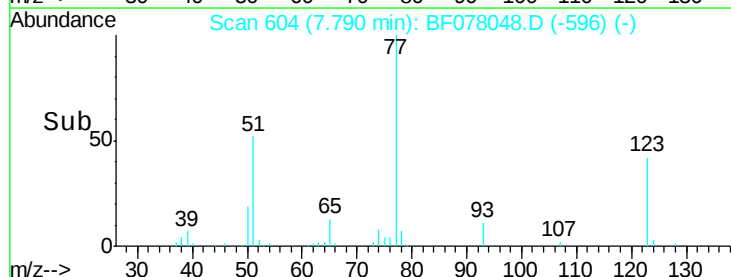
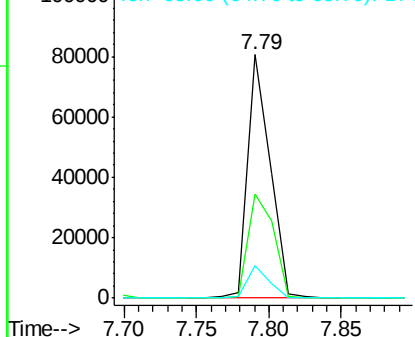


#24
 Nitrobenzene
 Concen: 33.66 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion	77	Resp	86321
Ion Ratio	100	Lower	Upper
123	42.7	32.6	49.0
65	13.4	10.9	16.3



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





#25

Isophorone

Concen: 34.49 ng

RT: 8.10 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleId :

PB82360BS

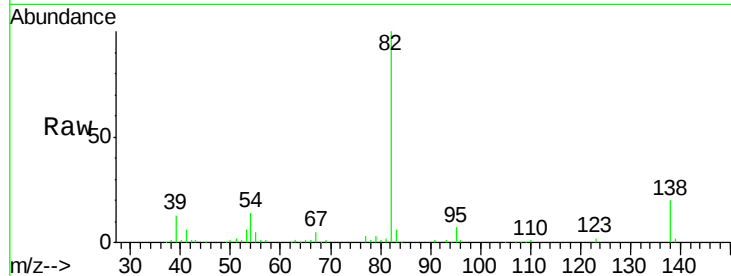
Tot Ion: 82 Resp: 165840

Ion Ratio Lower Upper

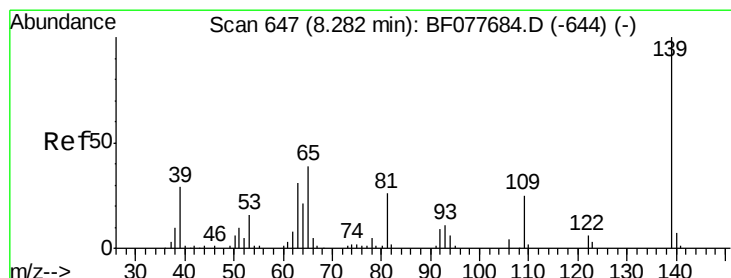
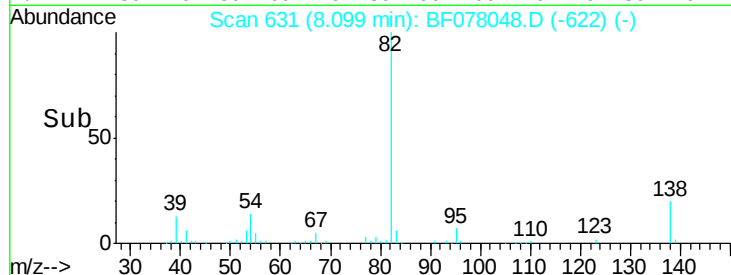
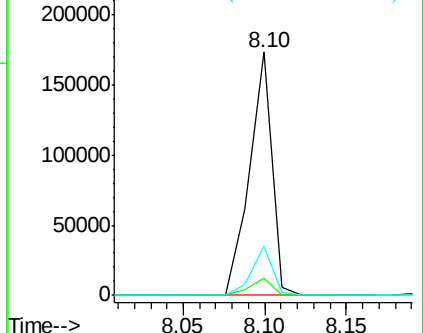
82 100

95 7.2 5.8 8.6

138 19.9 16.3 24.5



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



#26

2-Nitrophenol

Concen: 34.38 ng

RT: 8.19 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

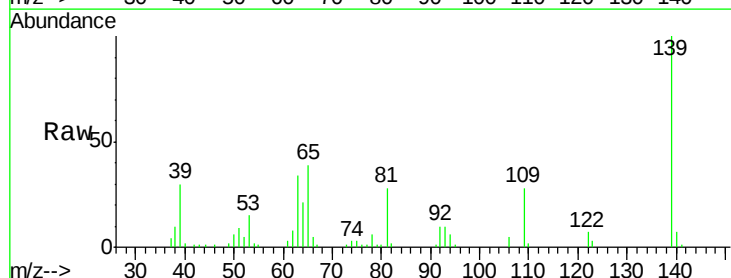
Tgt Ion: 139 Resp: 43174

Ion Ratio Lower Upper

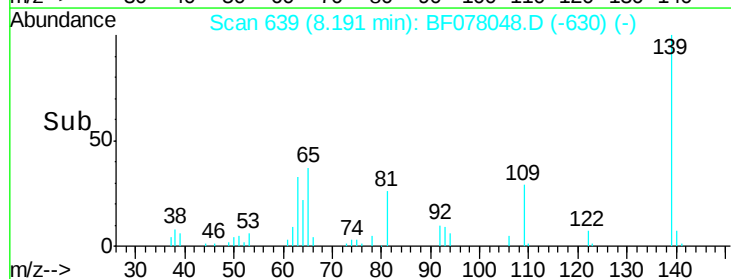
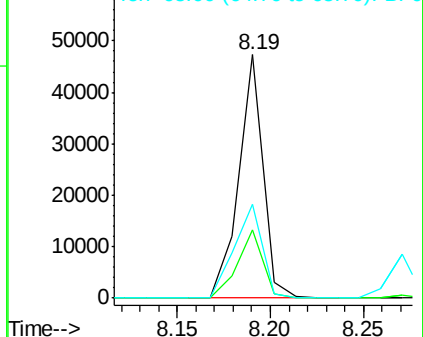
139 100

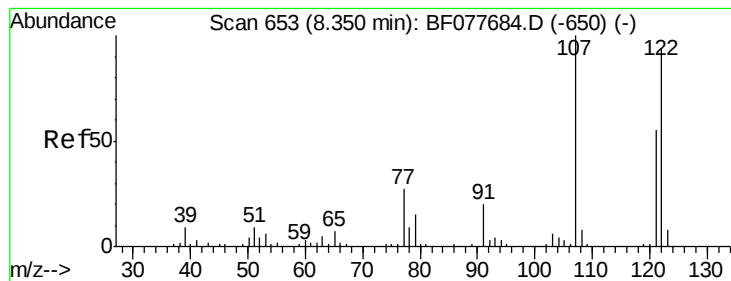
109 28.0 20.1 30.1

65 38.7 31.5 47.3



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

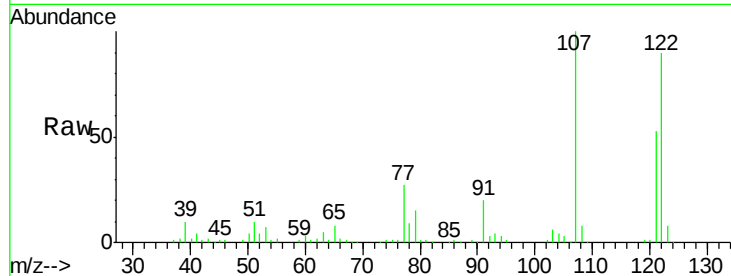




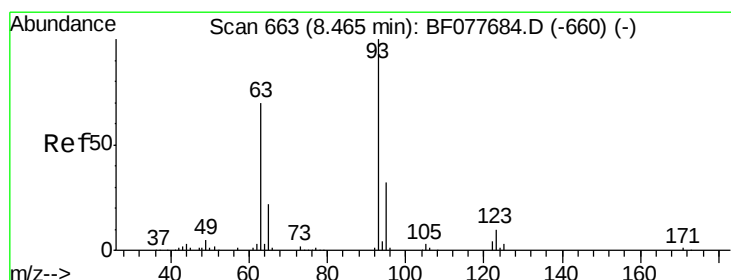
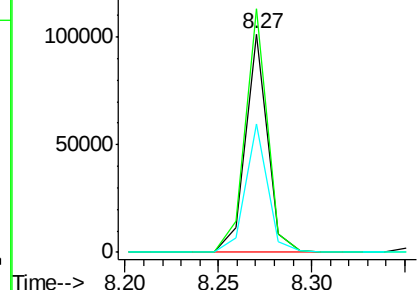
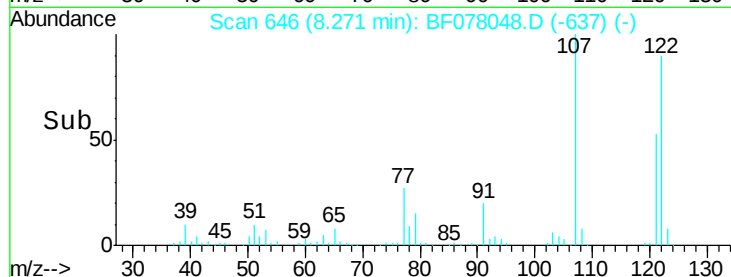
#27
 2,4-Dimethylphenol
 Concen: 36.93 ng
 RT: 8.27 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:122 Resp: 84477
 Ion Ratio Lower Upper
 122 100
 107 111.5 84.7 127.1
 121 58.7 46.6 69.8

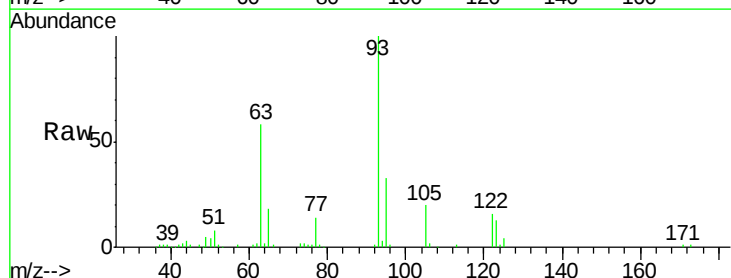


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

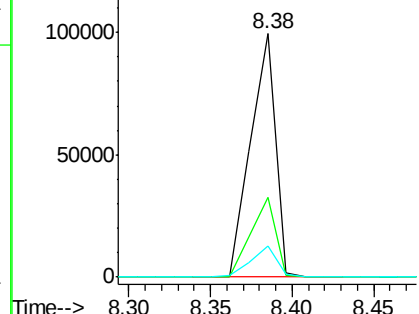
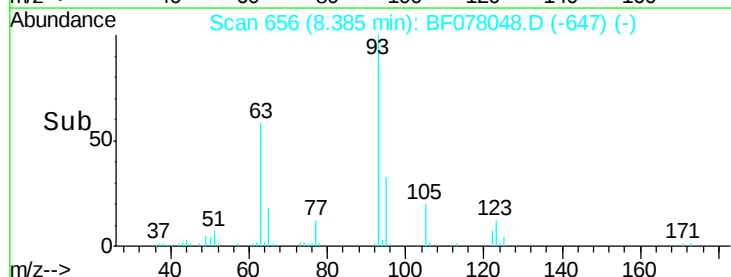


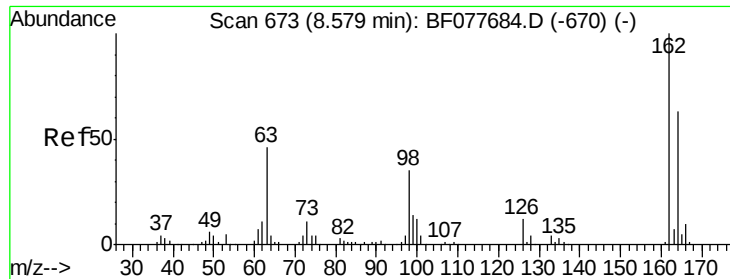
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.04 ng
 RT: 8.38 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion: 93 Resp: 105174
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.5 38.3
 123 12.9 8.6 13.0



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

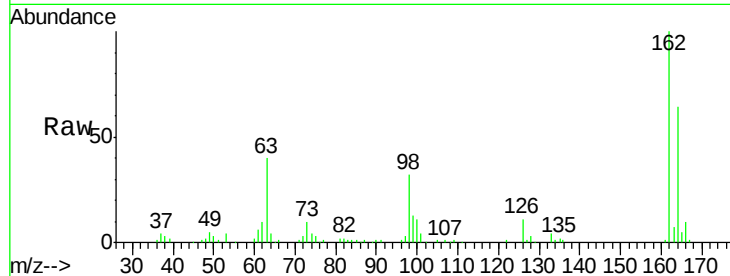




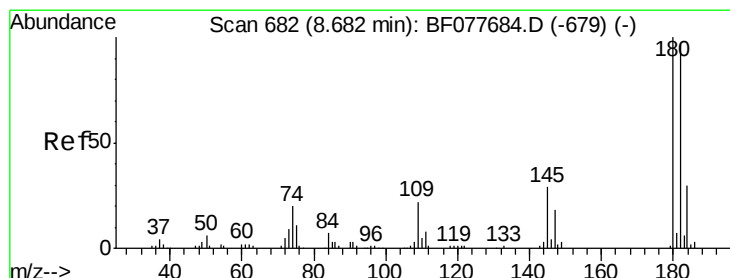
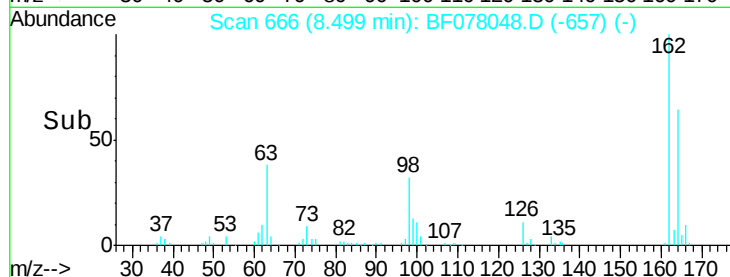
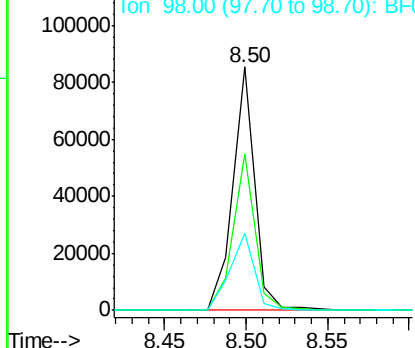
#29
 2,4-Dichlorophenol
 Concen: 36.07 ng
 RT: 8.50 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:162 Resp: 78647
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.8 82.8
 98 31.6 14.5 54.5

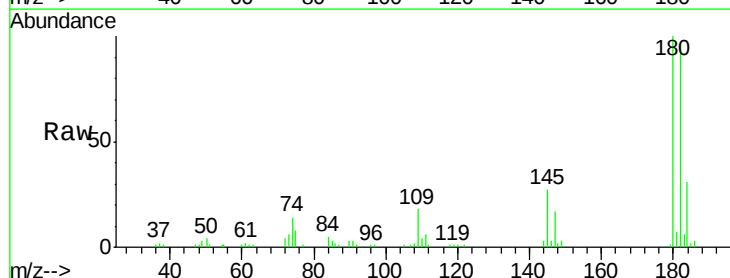


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

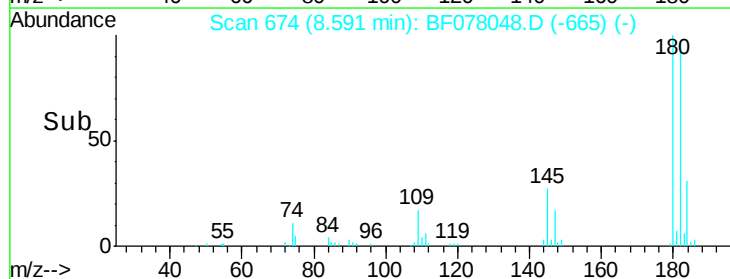
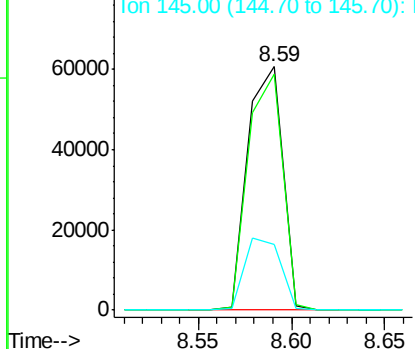


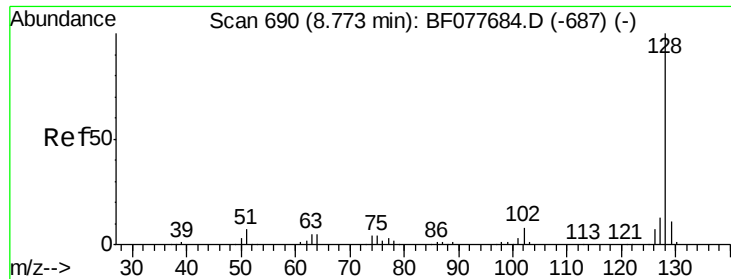
#30
 1,2,4-Trichlorobenzene
 Concen: 32.27 ng
 RT: 8.59 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:180 Resp: 78731
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.6 116.4
 145 27.2 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

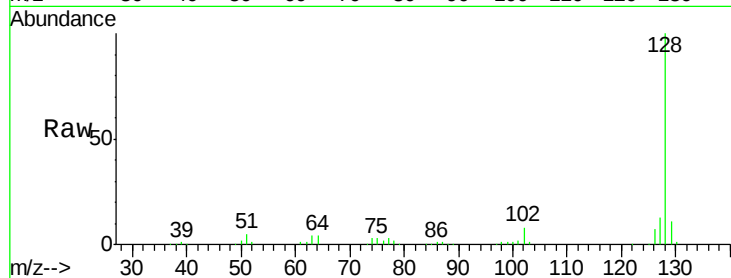




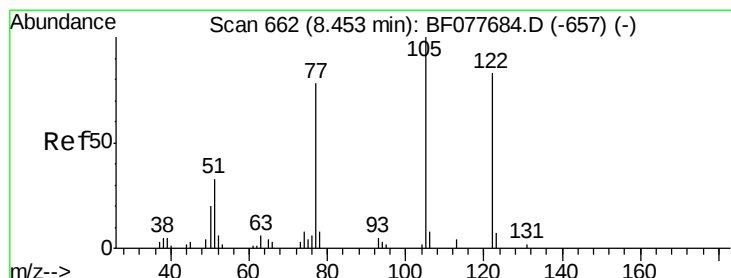
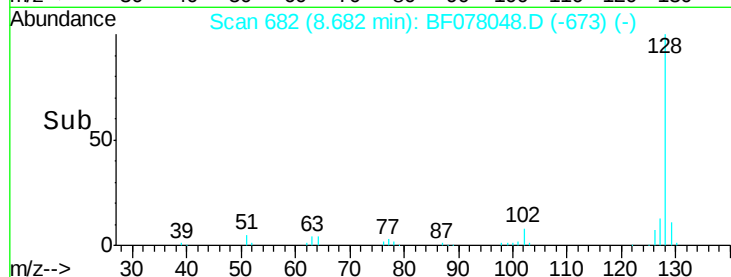
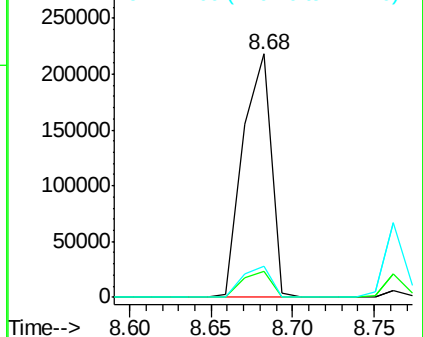
#31
Naphthalene
Concen: 32.53 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion:128 Resp: 260723
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.9 10.4 15.6

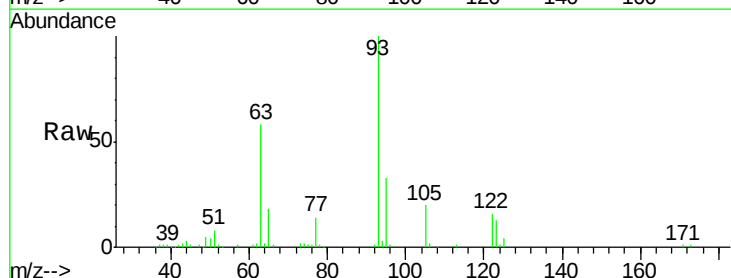


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

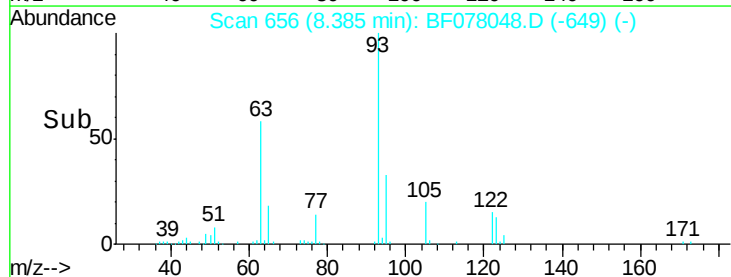
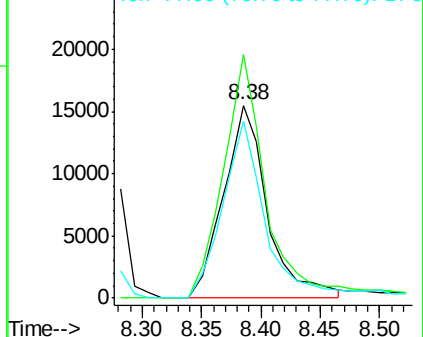


#32
Benzoic acid
Concen: 32.36 ng
RT: 8.38 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion:122 Resp: 39924
Ion Ratio Lower Upper
122 100
105 126.3 99.9 139.9
77 91.9 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

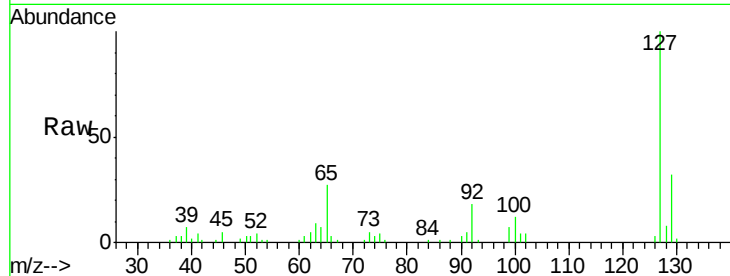




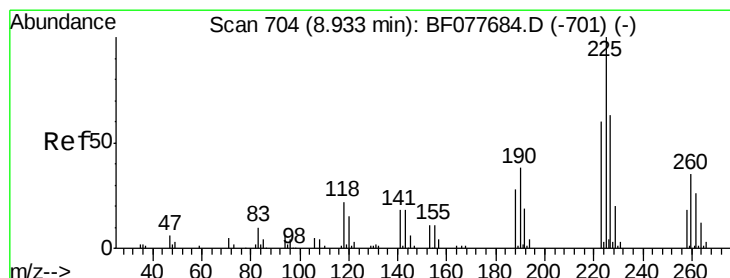
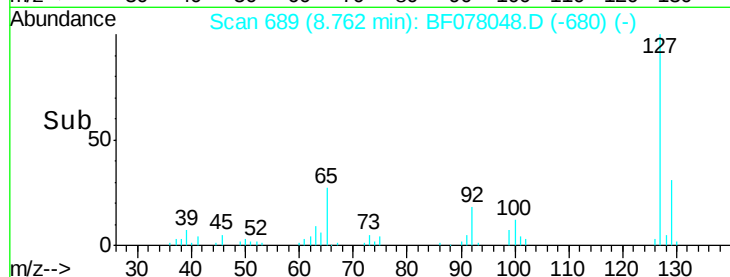
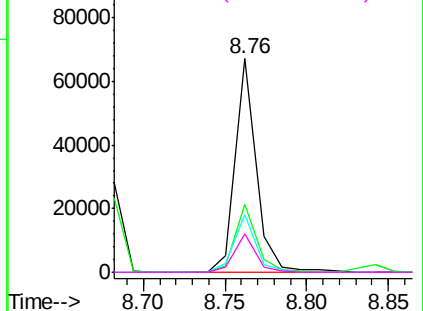
#33
4-Chloroaniline
Concen: 18.42 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion:	127	Resp:	59920
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	26.7	17.6	26.4
92	17.8	13.1	19.7

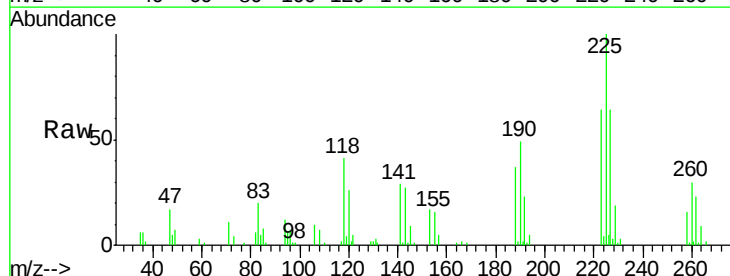


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

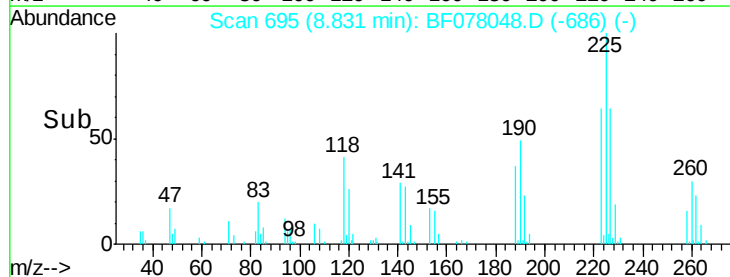
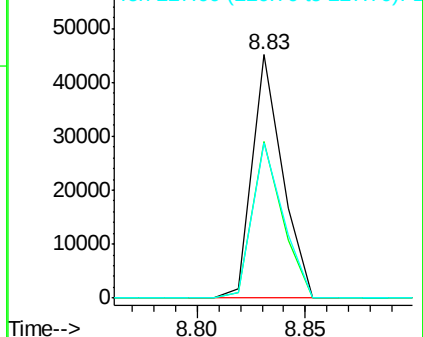


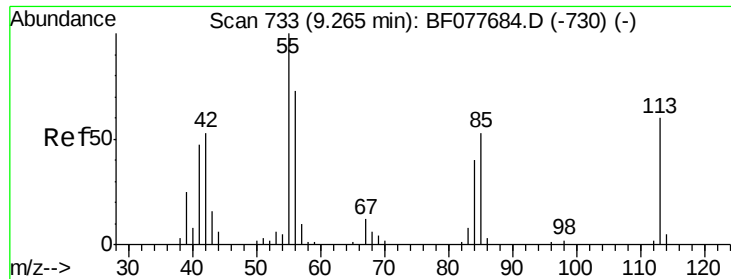
#34
Hexachlorobutadiene
Concen: 31.52 ng
RT: 8.83 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion:	225	Resp:	43581
Ion	Ratio	Lower	Upper
225	100		
223	64.4	47.9	71.9
227	63.8	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

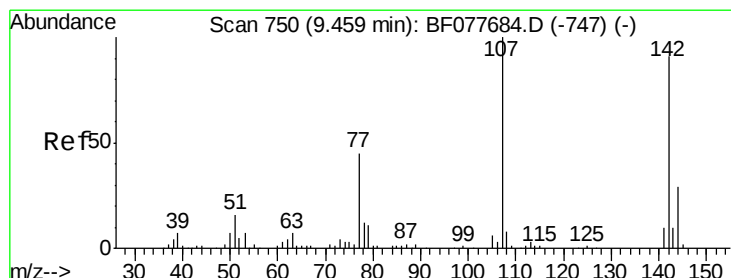
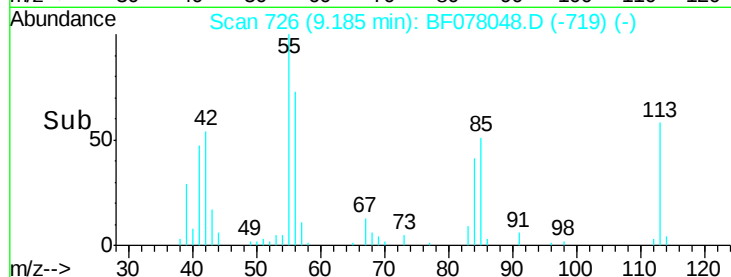
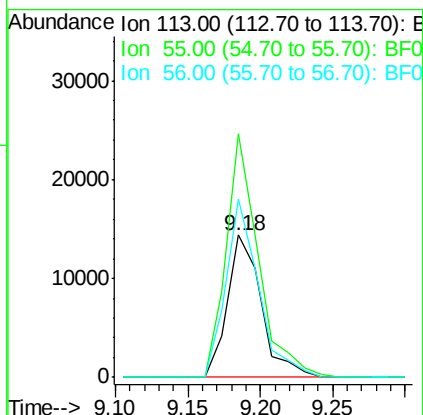
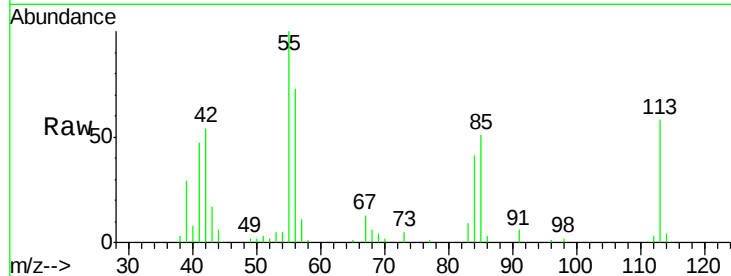




#35
 Caprolactam
 Concen: 36.53 ng
 RT: 9.18 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

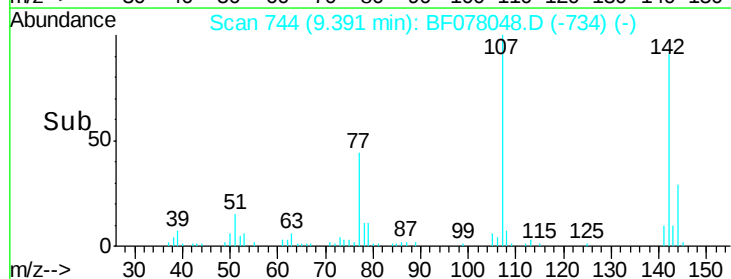
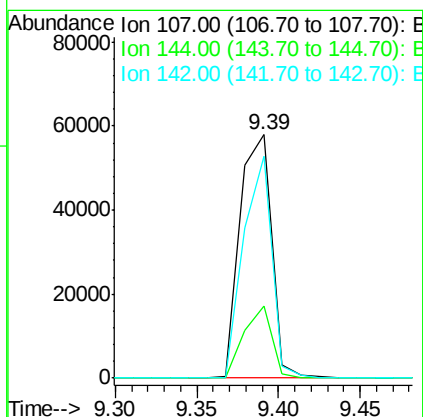
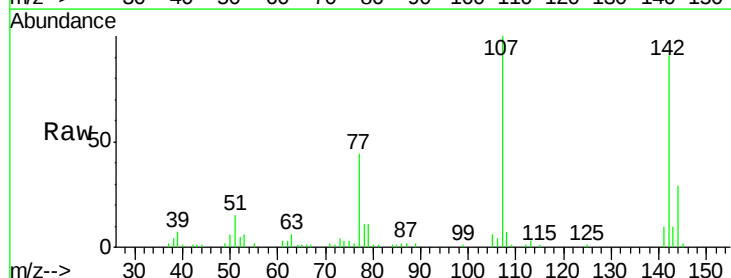
Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:113 Resp: 23278
 Ion Ratio Lower Upper
 113 100
 55 171.2 145.9 185.9
 56 125.4 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 35.41 ng
 RT: 9.39 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:107 Resp: 77679
 Ion Ratio Lower Upper
 107 100
 144 29.5 23.3 34.9
 142 91.3 72.6 109.0





#37

2-Methylnaphthalene

Concen: 34.87 ng

RT: 9.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampled :

PB82360BS

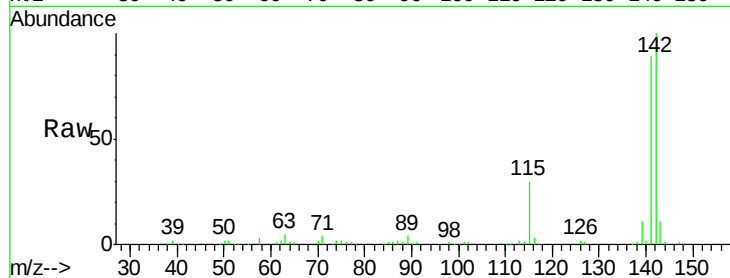
Tot Ion:142 Resp: 187743

Ion Ratio Lower Upper

142 100

141 88.7 71.9 107.9

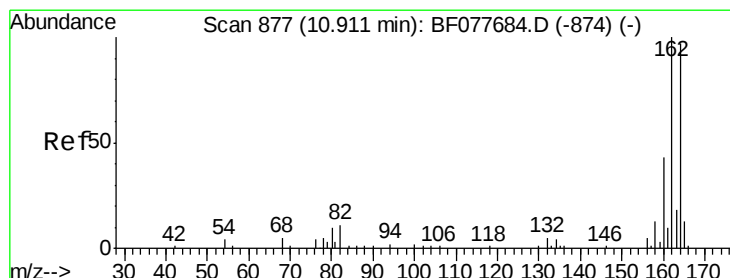
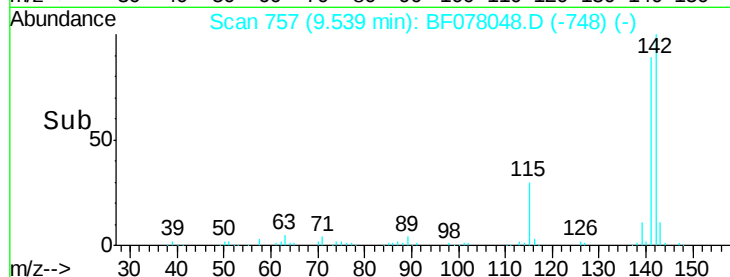
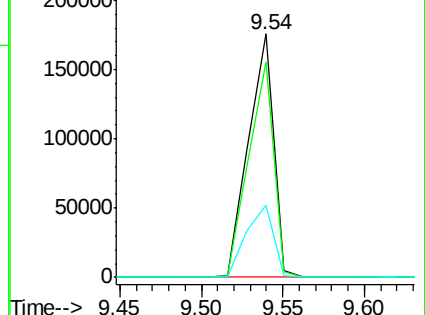
115 29.7 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.82 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

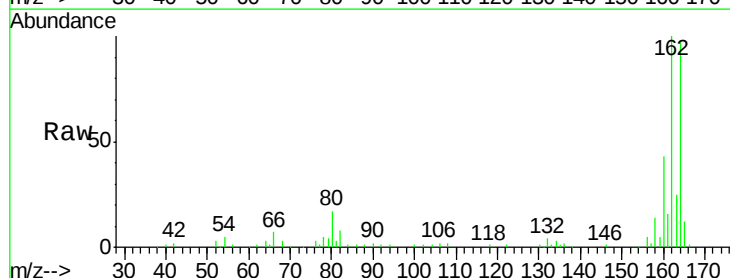
Tgt Ion:164 Resp: 81969

Ion Ratio Lower Upper

164 100

162 102.8 82.4 123.6

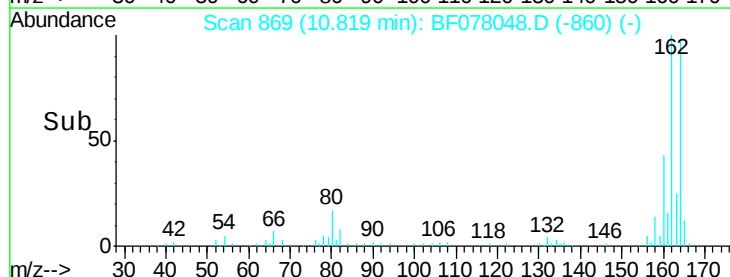
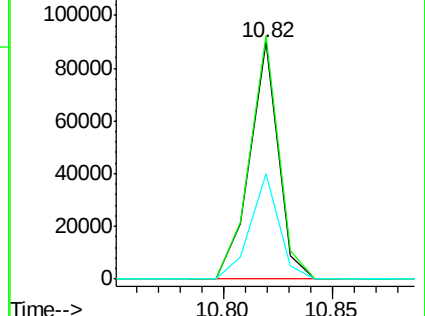
160 44.4 35.8 53.6

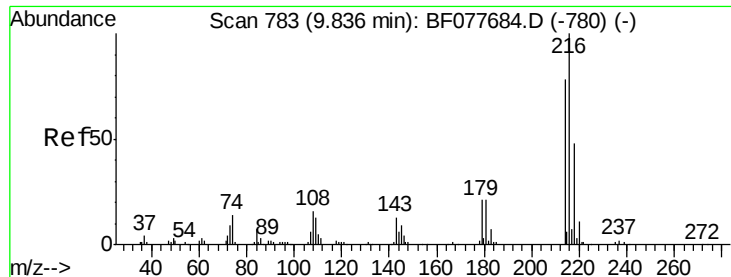


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.90 ng

RT: 9.74 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleId :

PB82360BS

Tot Ion:216 Resp: 77984

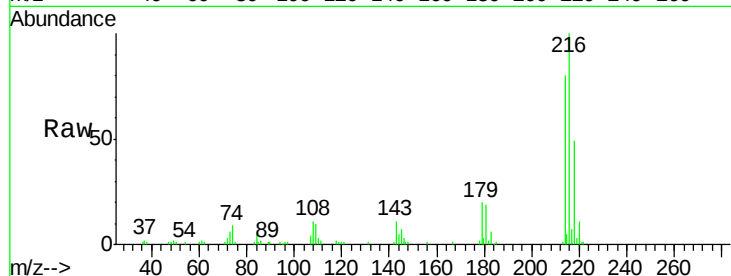
Ion Ratio Lower Upper

216 100

214 80.9 0.0 0.0#

179 22.3 0.0 0.0#

108 20.7 0.0 0.0#

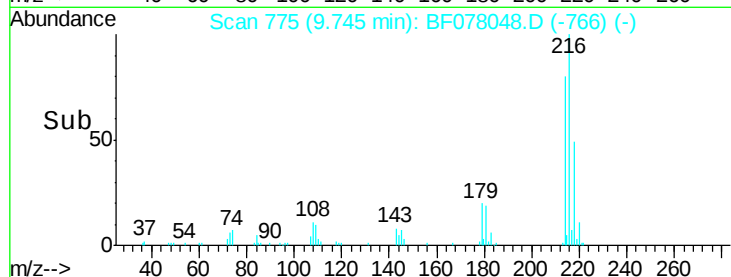


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

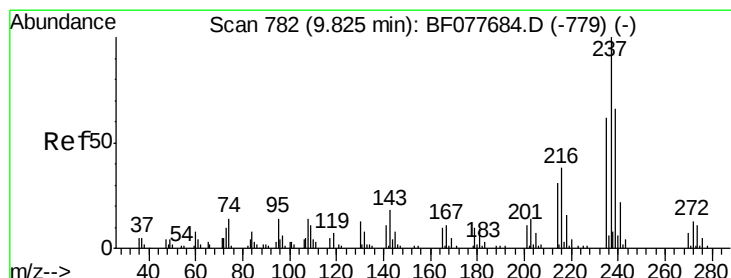
Ion 216.00 (215.70 to 216.70): E

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

Time-->



#40

Hexachlorocyclopentadiene

Concen: 59.30 ng

RT: 9.72 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

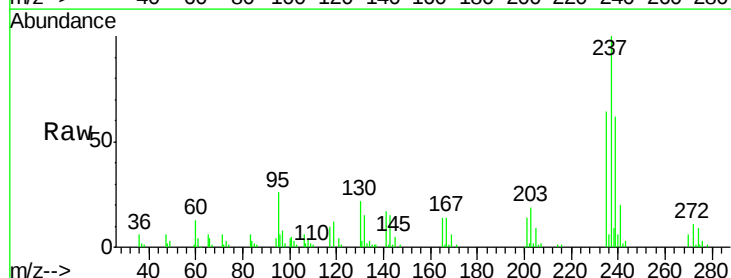
Tgt Ion:237 Resp: 71538

Ion Ratio Lower Upper

237 100

235 63.6 42.0 82.0

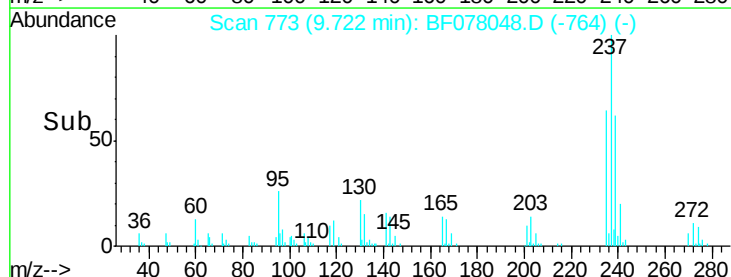
272 11.3 0.0 33.4



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



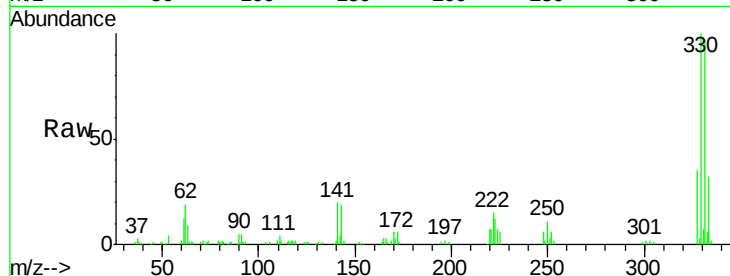
Time-->



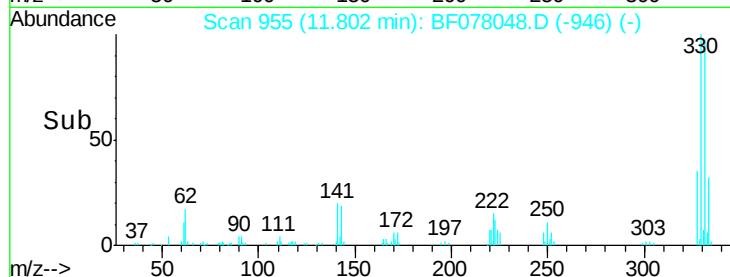
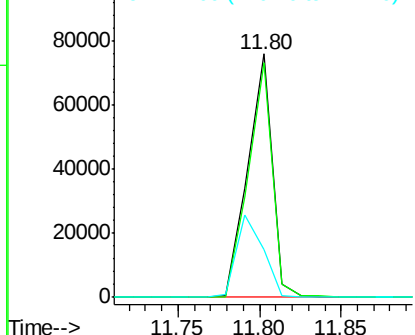
#41
 2,4,6-Tribromophenol
 Concen: 100.63 ng
 RT: 11.80 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:330 Resp: 78923
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 36.5 0.0 0.0#

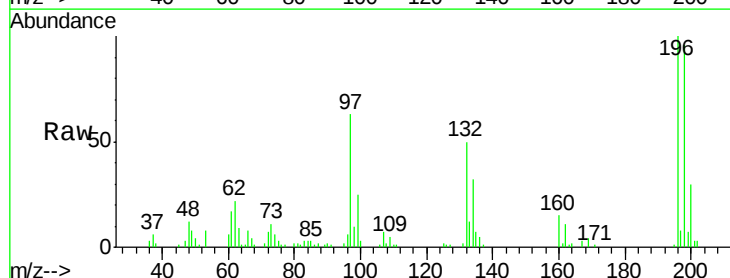


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

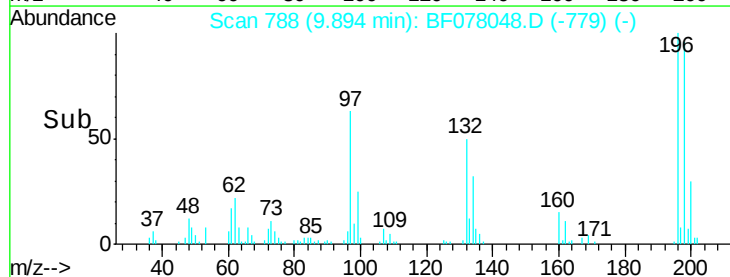
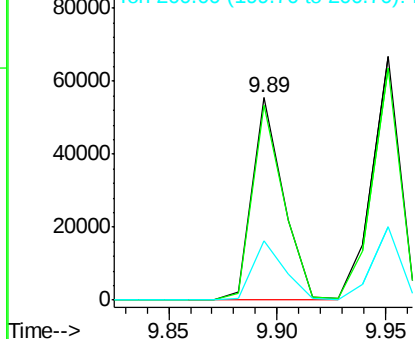


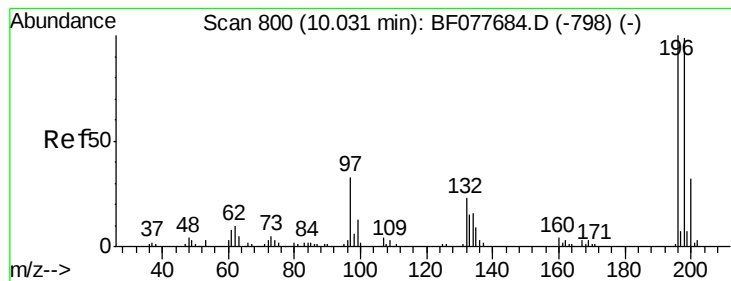
#42
 2,4,6-Trichlorophenol
 Concen: 32.62 ng
 RT: 9.89 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:196 Resp: 55238
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.3 114.5
 200 29.5 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: 33.04 ng

RT: 9.95 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleId :

PB82360BS

Tot Ion:196 Resp: 60455

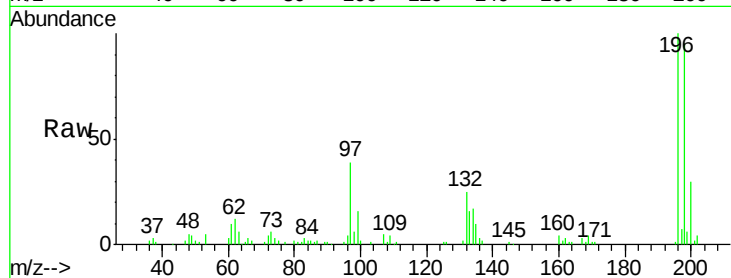
Ion Ratio Lower Upper

196 100

198 95.1 79.4 119.0

97 38.6 26.8 40.2

132 25.3 18.6 28.0

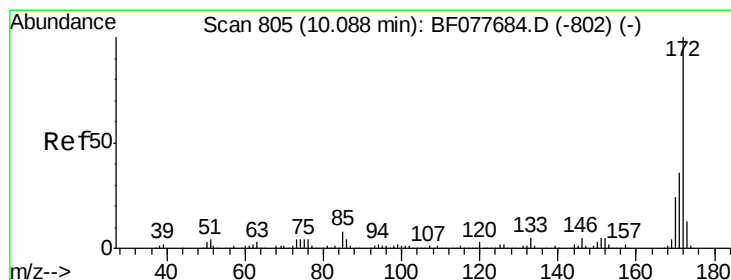
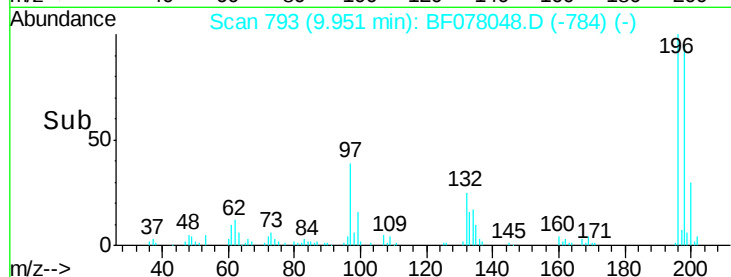
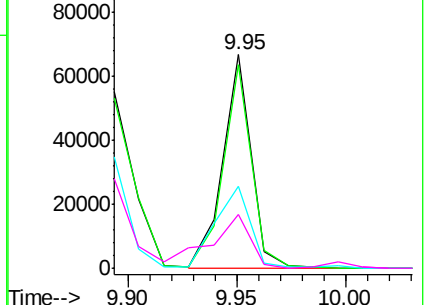


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 67.16 ng

RT: 10.00 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

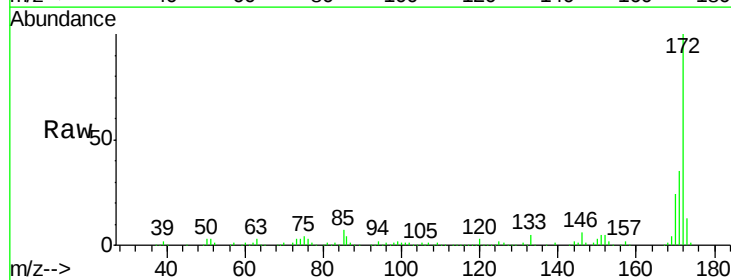
Tgt Ion:172 Resp: 374612

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

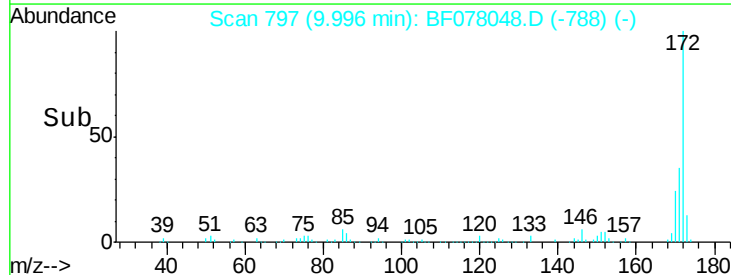
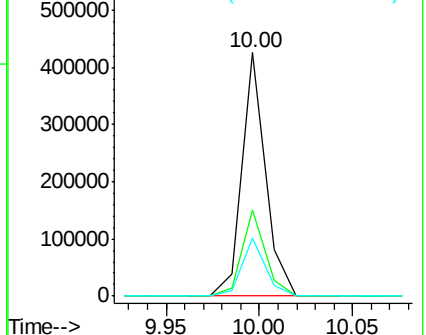
170 23.6 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.23 ng

RT: 10.12 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleId :

PB82360BS

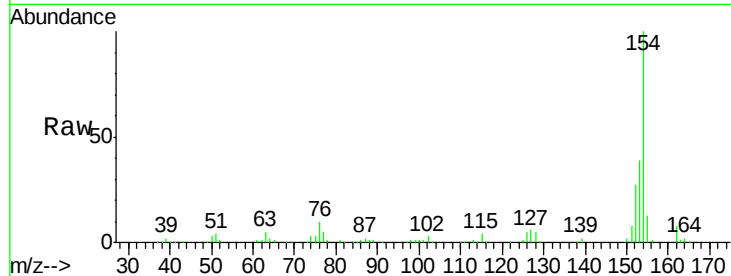
Tot Ion:154 Resp: 217747

Ion Ratio Lower Upper

154 100

153 39.2 20.7 60.7

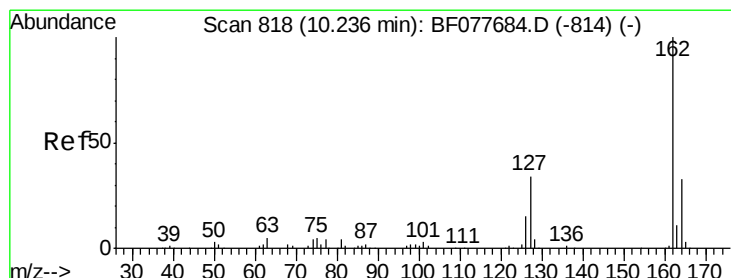
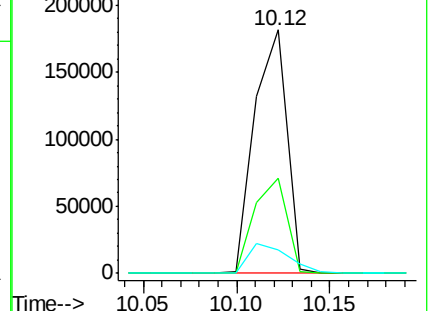
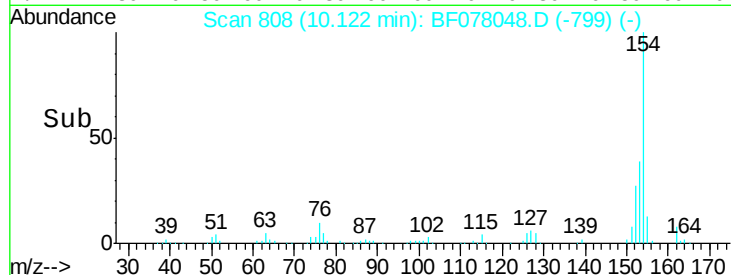
76 9.6 0.0 30.9



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: 32.83 ng

RT: 10.13 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

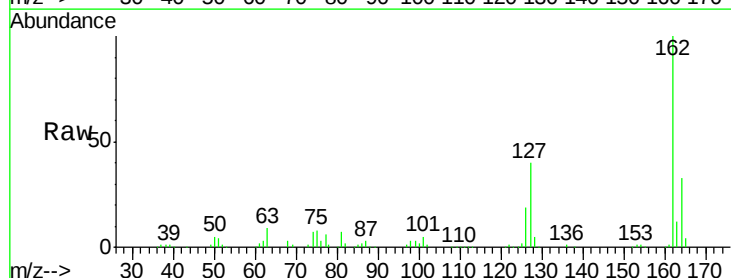
Tgt Ion:162 Resp: 174831

Ion Ratio Lower Upper

162 100

127 40.5 26.9 40.3#

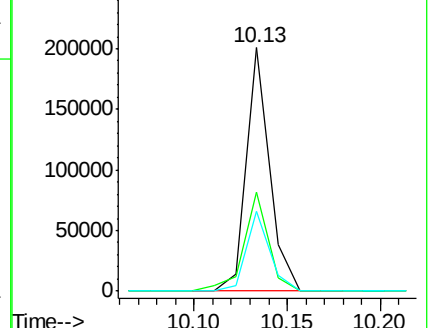
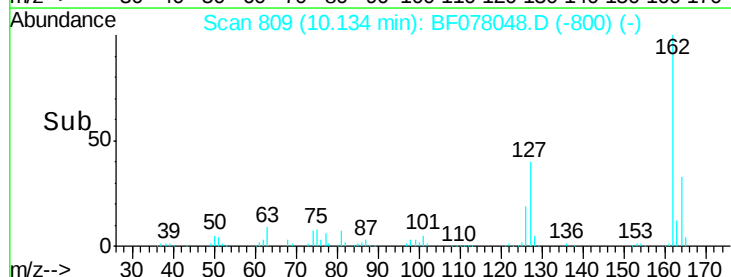
164 32.8 26.8 40.2



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

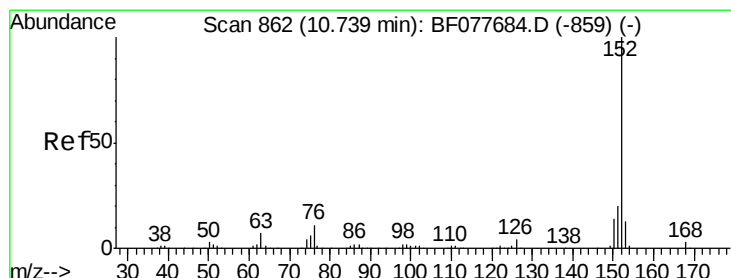
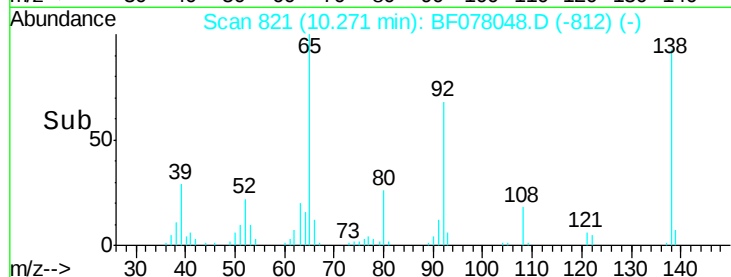
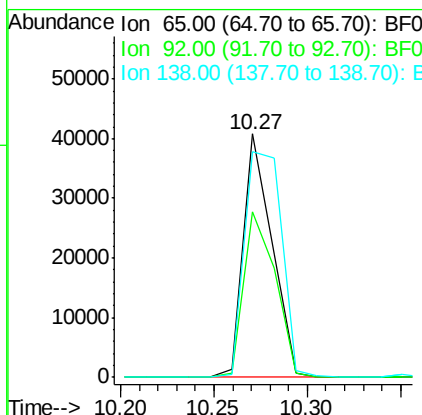
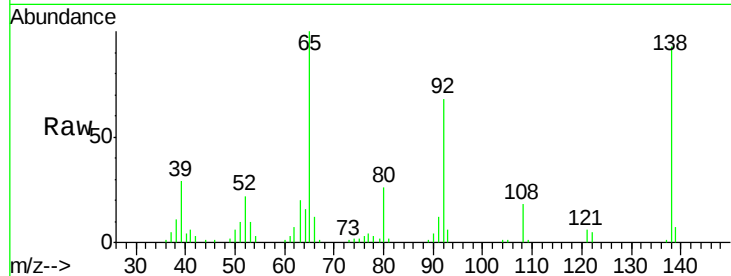




#47
2-Nitroaniline
Concen: 32.92 ng
RT: 10.27 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

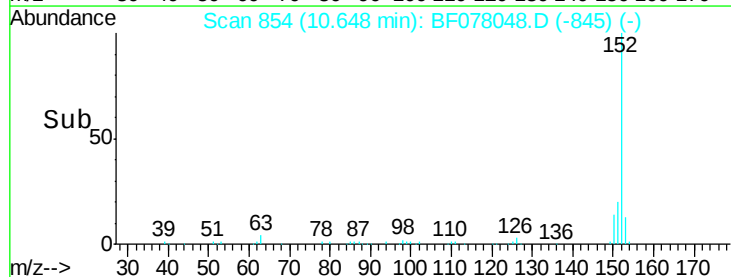
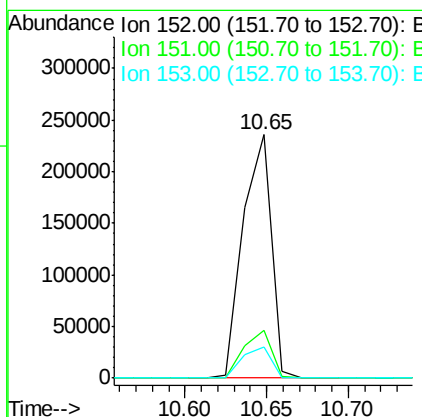
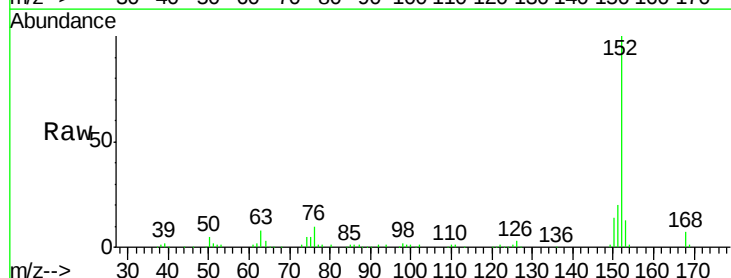
Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion: 65 Resp: 43531
Ion Ratio Lower Upper
65 100
92 67.9 59.1 88.7
138 92.9 93.9 140.9#



#48
Acenaphthylene
Concen: 31.83 ng
RT: 10.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion: 152 Resp: 281860
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.7 10.6 16.0

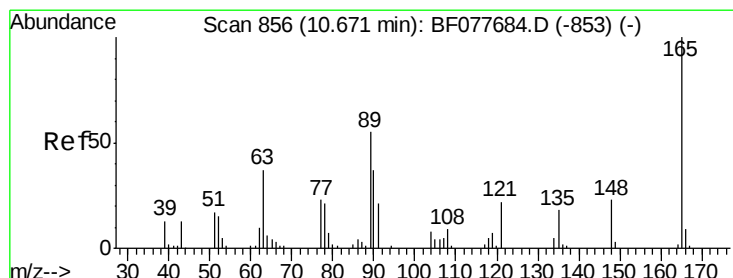
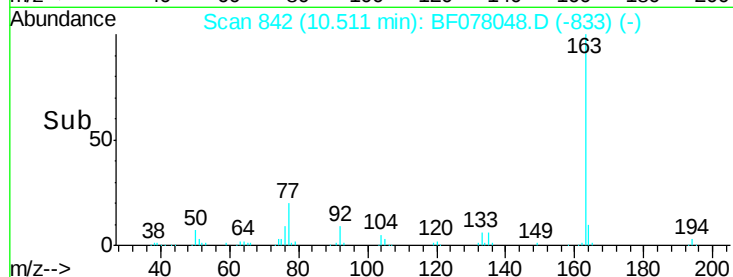
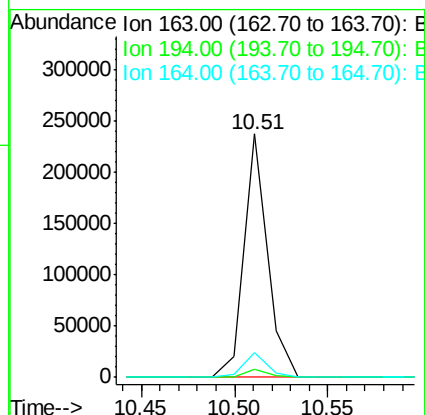
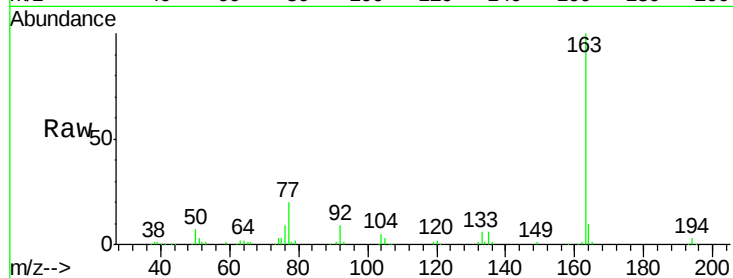




#49
Dimethylphthalate
Concen: 34.29 ng
RT: 10.51 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

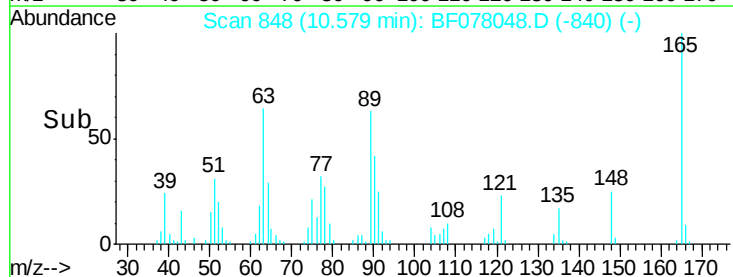
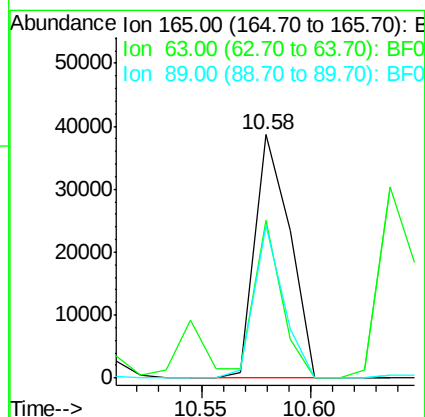
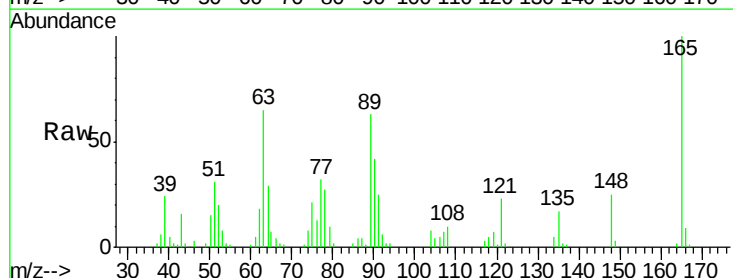
Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion:163 Resp: 208470
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 34.30 ng
RT: 10.58 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion:165 Resp: 43224
Ion Ratio Lower Upper
165 100
63 65.0 44.1 66.1
89 62.5 44.3 66.5

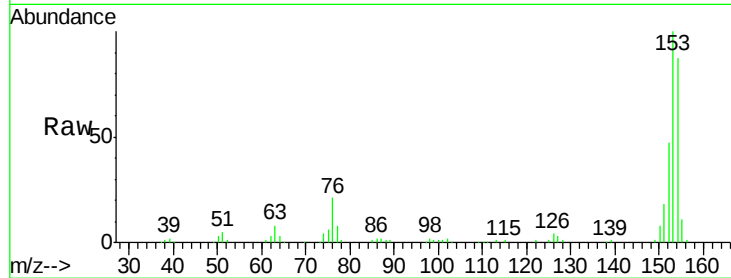




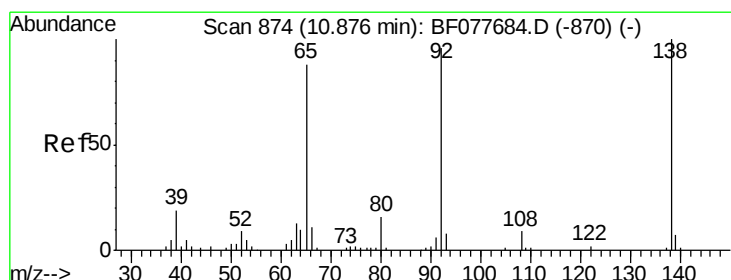
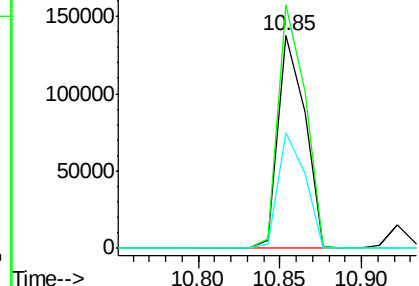
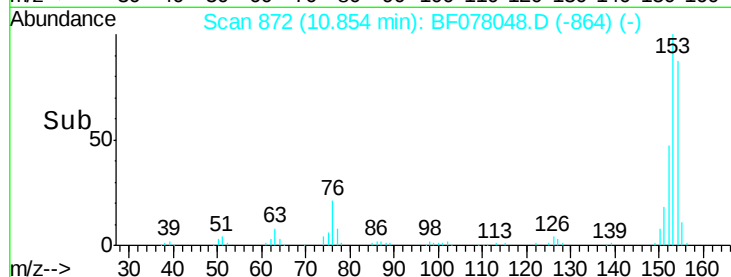
#51
Acenaphthene
Concen: 31.24 ng
RT: 10.85 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion:154 Resp: 158613
Ion Ratio Lower Upper
154 100
153 114.6 90.0 135.0
152 54.2 42.6 63.8

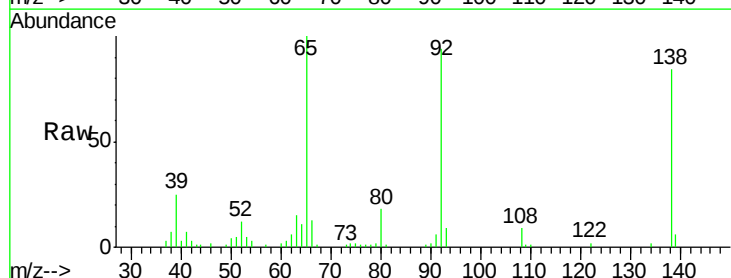


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

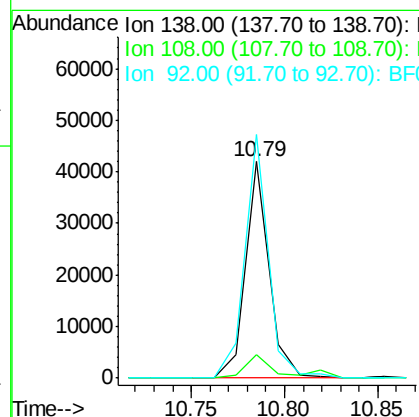
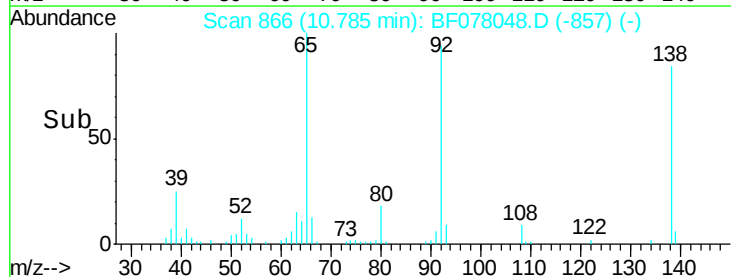


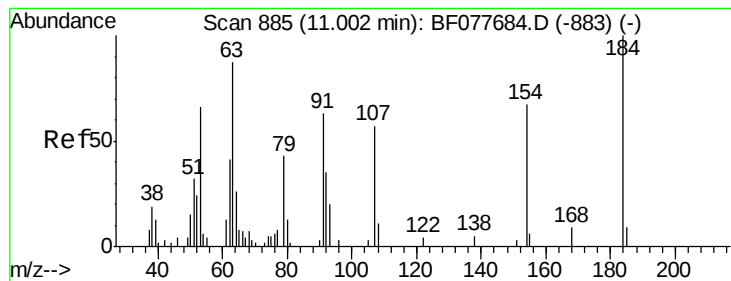
#52
3-Nitroaniline
Concen: 25.30 ng
RT: 10.79 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion:138 Resp: 37034
Ion Ratio Lower Upper
138 100
108 10.7 7.3 10.9
92 112.4 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: 53.97 ng

RT: 10.92 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleID :

PB82360BS

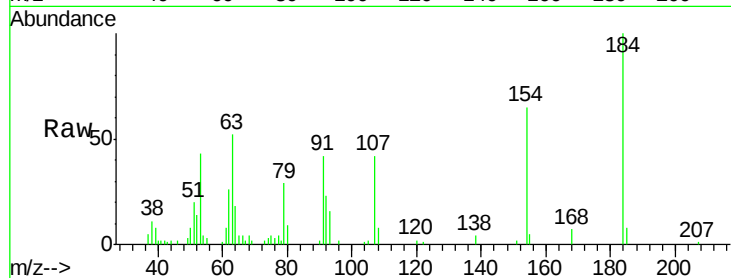
Tot Ion:184 Resp: 23638

Ion Ratio Lower Upper

184 100

63 52.1 69.2 103.8#

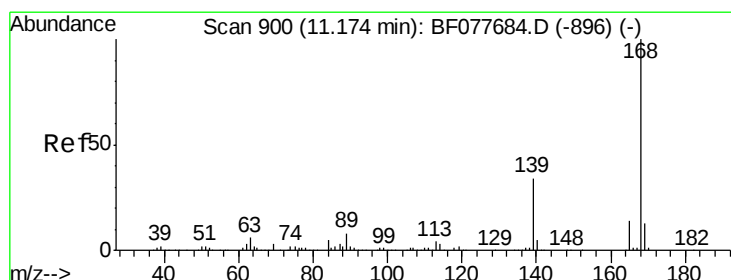
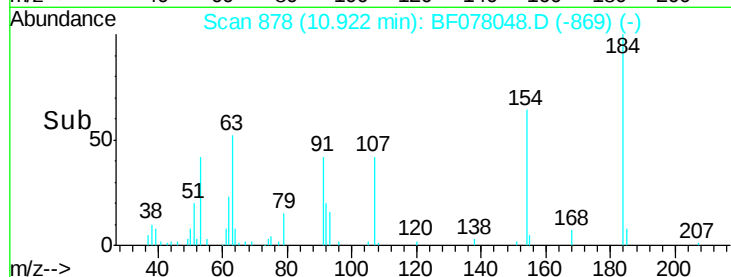
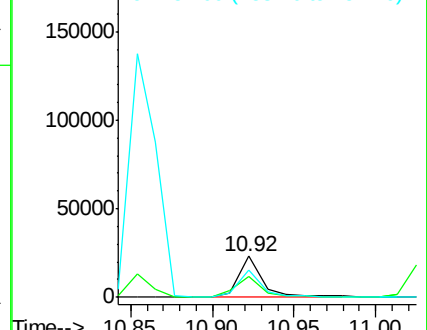
154 65.4 53.3 79.9



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: 33.26 ng

RT: 11.07 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

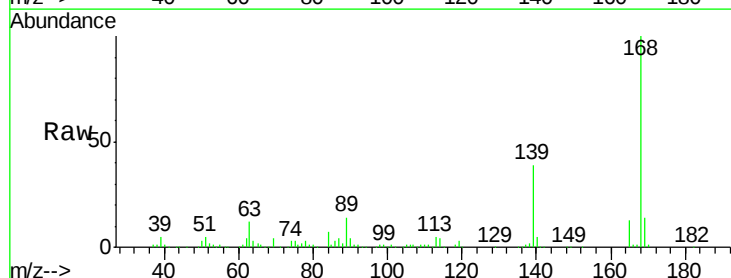
Tgt Ion:168 Resp: 250423

Ion Ratio Lower Upper

168 100

139 39.4 27.3 40.9

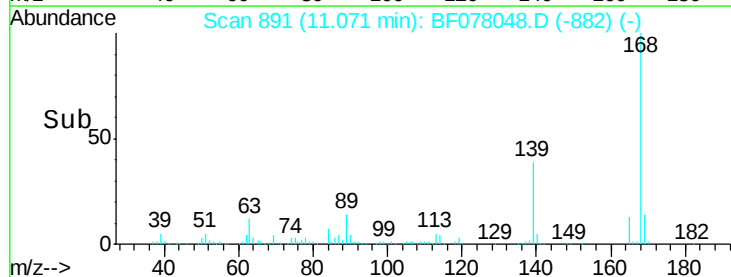
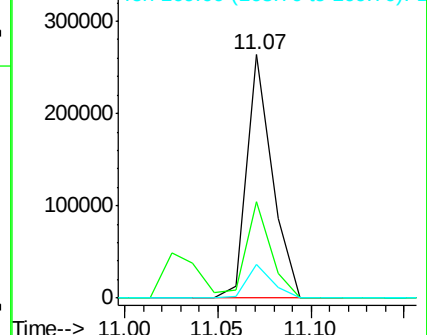
169 13.7 10.6 16.0

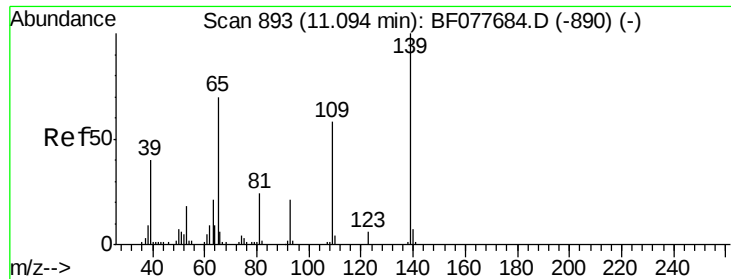


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

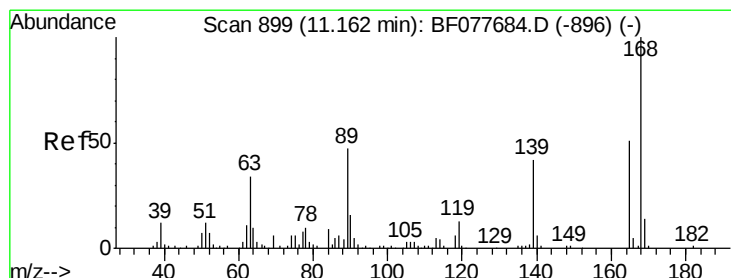
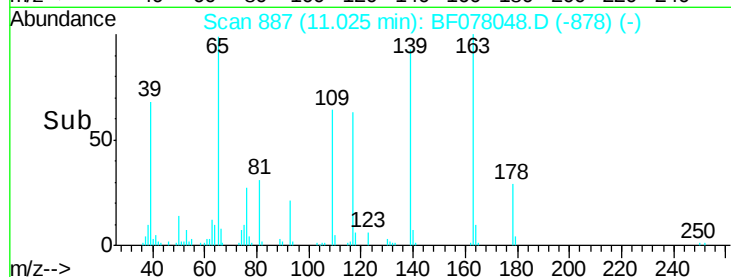
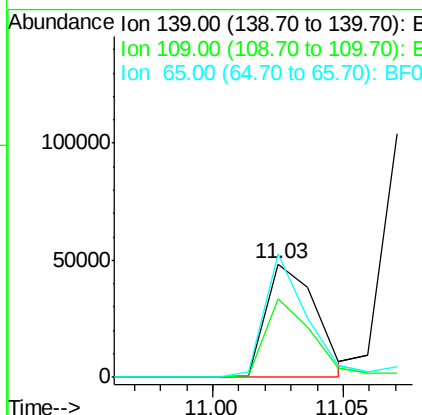
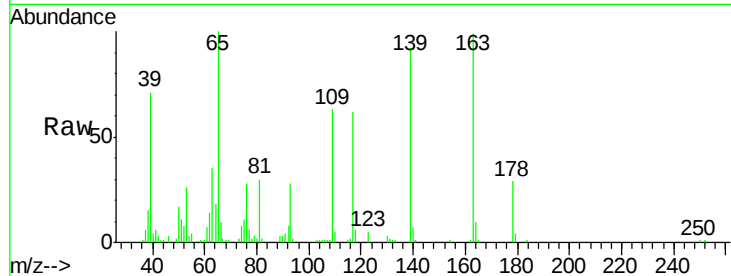




#55
4-Nitrophenol
Concen: 59.48 ng
RT: 11.03 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

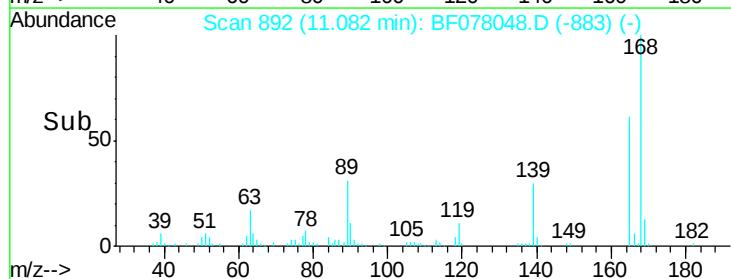
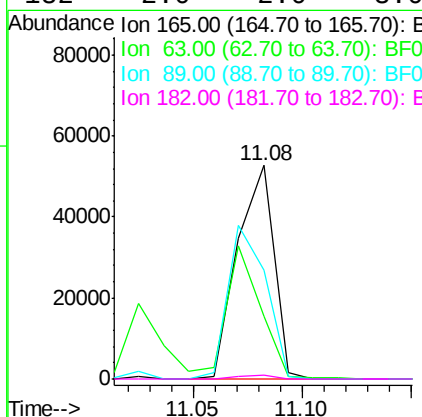
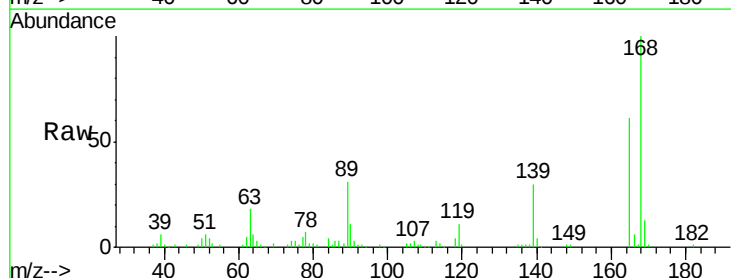
Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion:139 Resp: 64480
Ion Ratio Lower Upper
139 100
109 69.0 37.7 77.7
65 108.8 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 37.46 ng
RT: 11.08 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion:165 Resp: 61554
Ion Ratio Lower Upper
165 100
63 29.2 52.4 78.6#
89 51.2 72.4 108.6#
182 2.0 2.0 3.0





#57

Fluorene

Concen: 32.72 ng

RT: 11.49 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleId :

PB82360BS

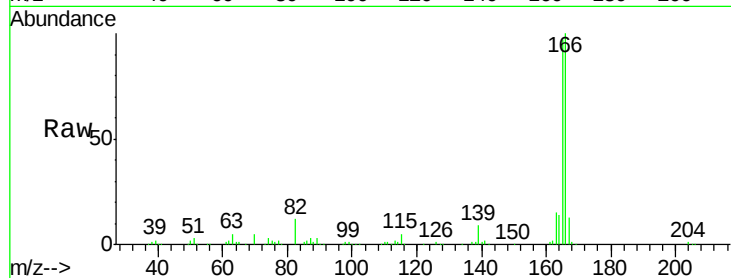
Tot Ion:166 Resp: 204594

Ion Ratio Lower Upper

166 100

165 97.0 79.0 118.4

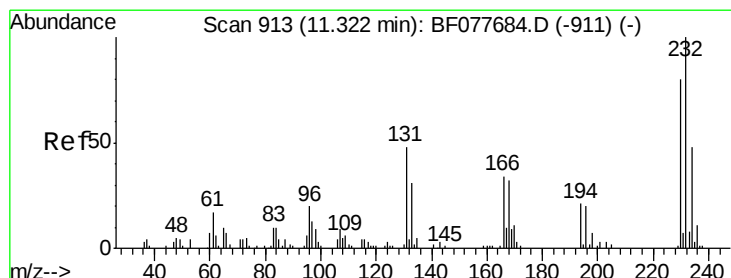
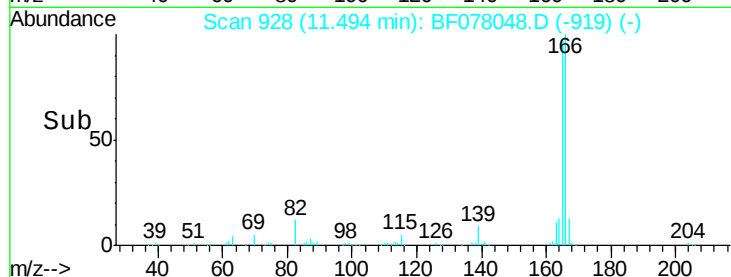
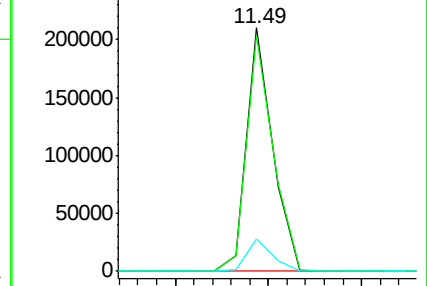
167 13.2 10.3 15.5



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: 31.66 ng

RT: 11.23 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Tgt Ion:232 Resp: 44601

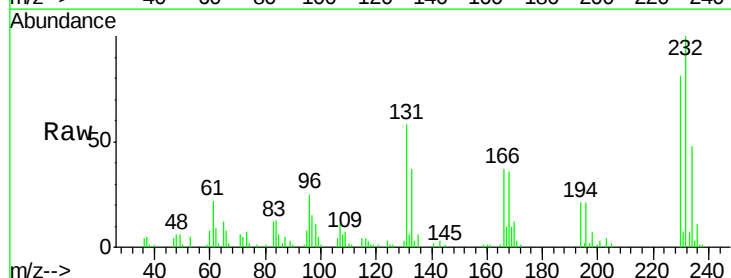
Ion Ratio Lower Upper

232 100

131 50.3 0.0 0.0#

130 1.7 0.0 0.0#

166 33.5 0.0 0.0#

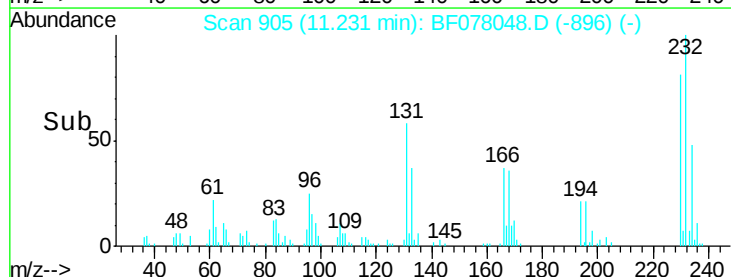
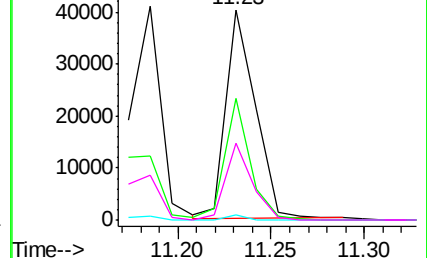


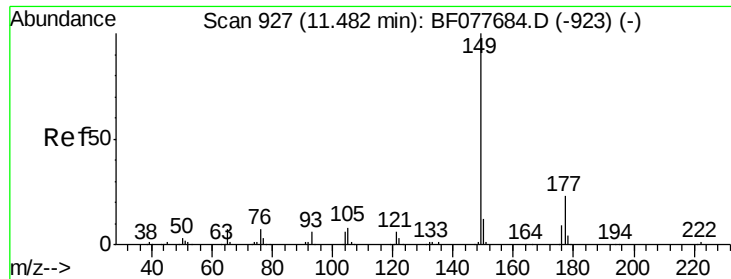
Abundance Ion 232.00 (231.70 to 232.70): E

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

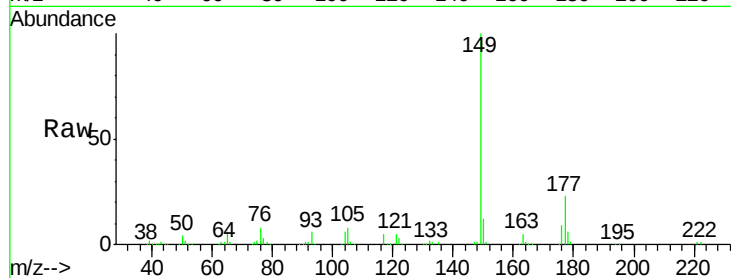




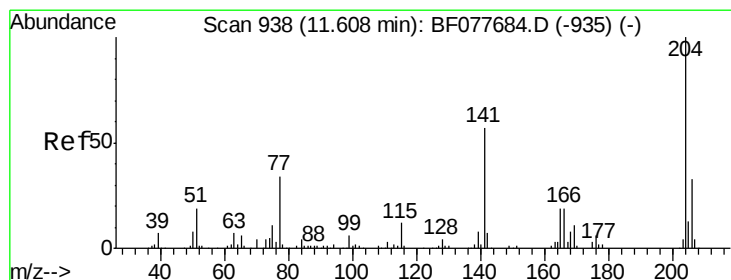
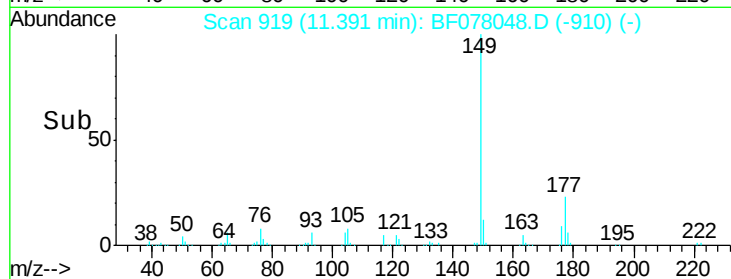
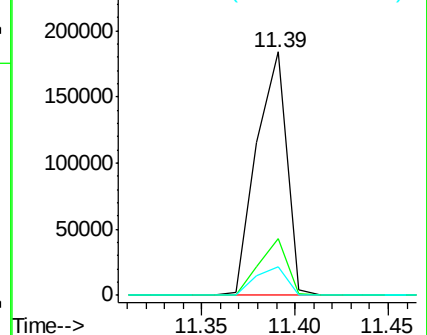
#59
Diethylphthalate
Concen: 35.35 ng
RT: 11.39 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion:149 Resp: 209395
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 11.9 9.8 14.8

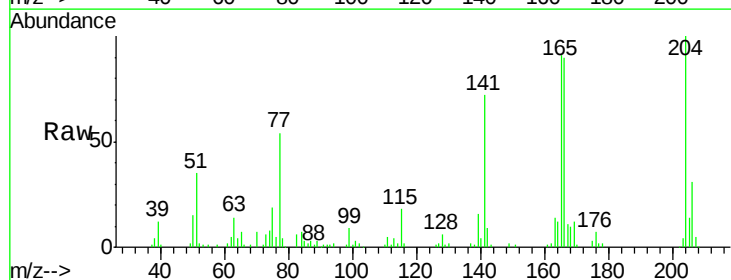


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

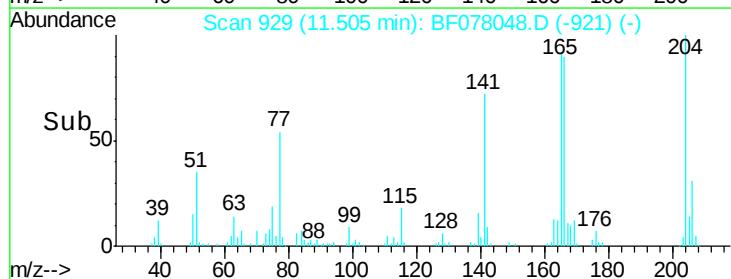
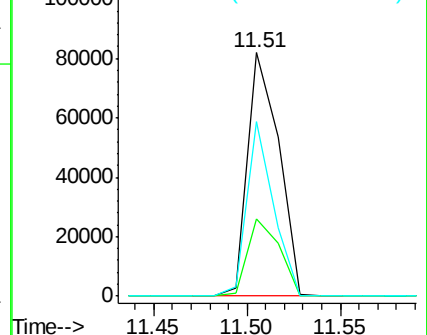


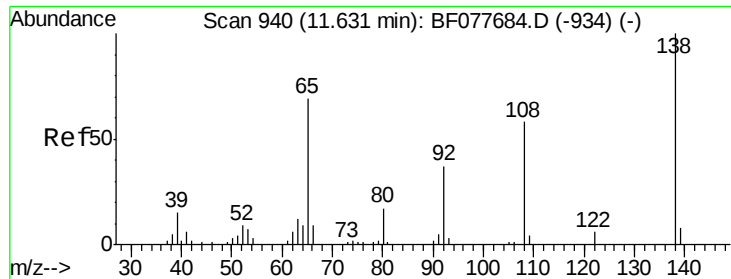
#60
4-Chlorophenyl-phenylether
Concen: 33.42 ng
RT: 11.51 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion:204 Resp: 95367
Ion Ratio Lower Upper
204 100
206 31.5 26.6 39.8
141 71.8 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

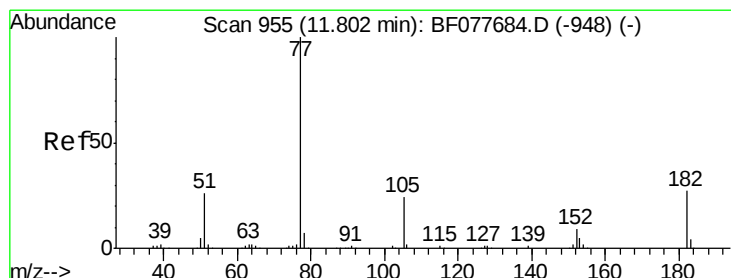
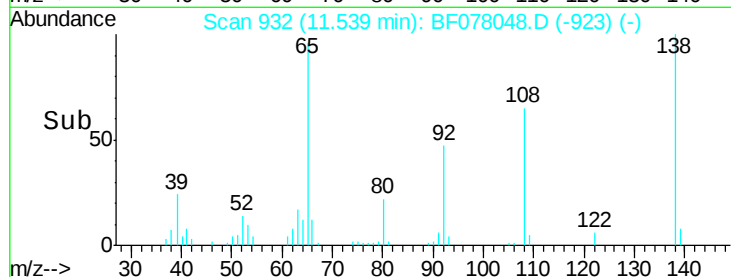
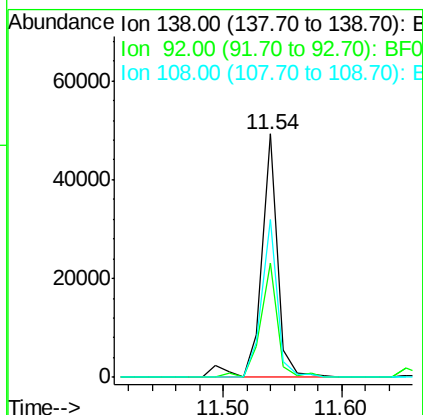
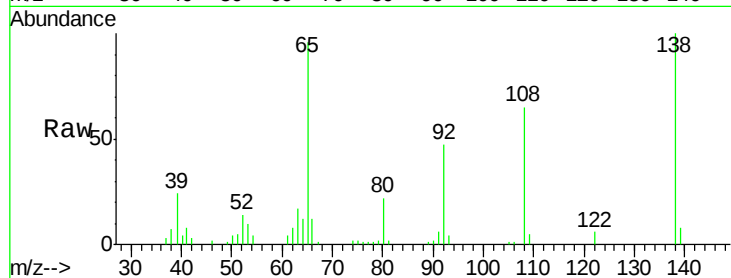




#61
4-Nitroaniline
Concen: 32.31 ng
RT: 11.54 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

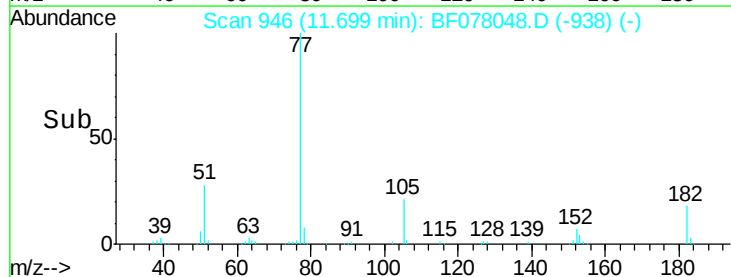
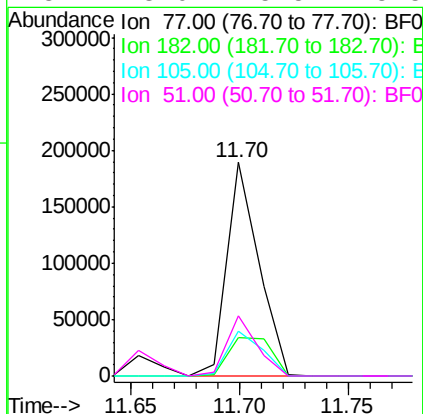
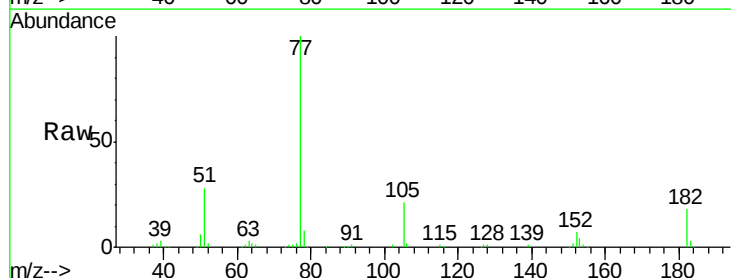
Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion:138 Resp: 47125
Ion Ratio Lower Upper
138 100
92 47.2 16.7 56.7
108 64.7 37.6 77.6



#62
Azobenzene
Concen: 33.97 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion: 77 Resp: 192328
Ion Ratio Lower Upper
77 100
182 17.9 6.5 46.5
105 21.0 3.8 43.8
51 28.0 5.5 45.5

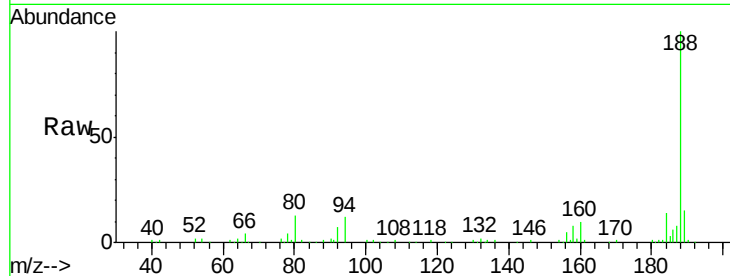




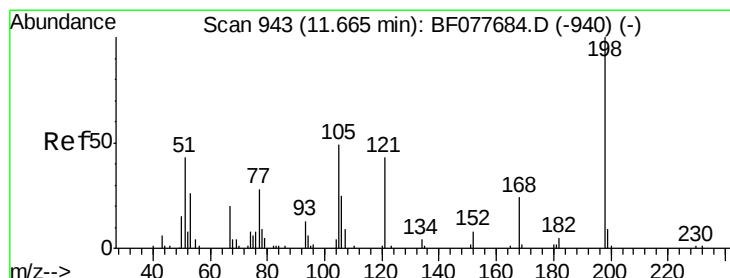
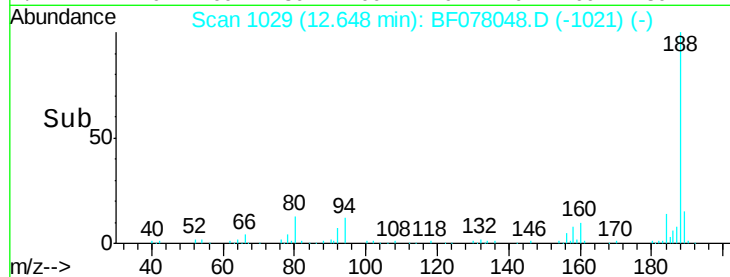
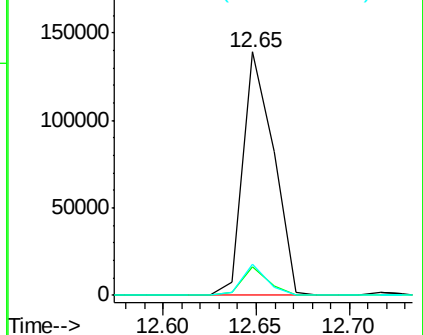
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:188 Resp: 158115
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.7 13.1
 80 12.9 9.3 13.9

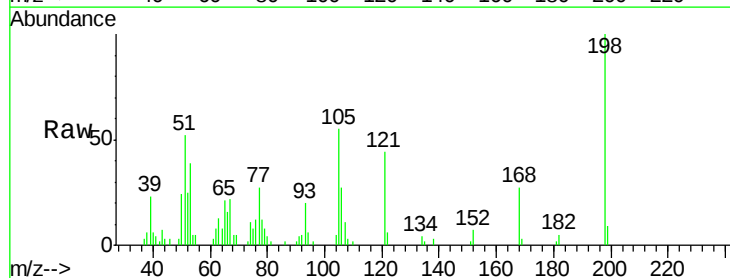


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

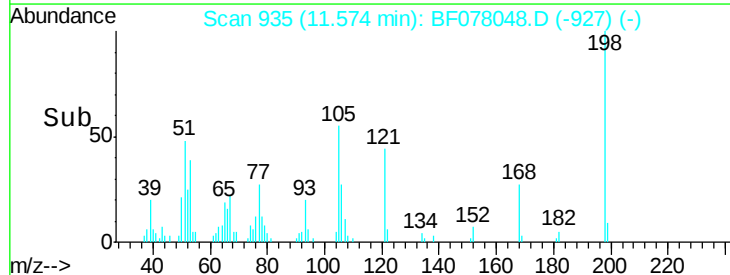
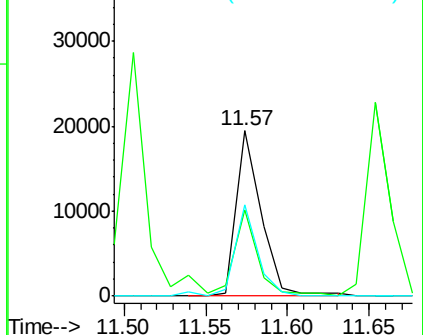


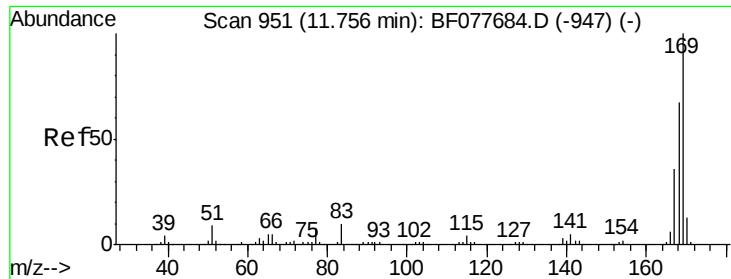
#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.51 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:198 Resp: 20671
 Ion Ratio Lower Upper
 198 100
 51 52.0 28.8 68.8
 105 55.5 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

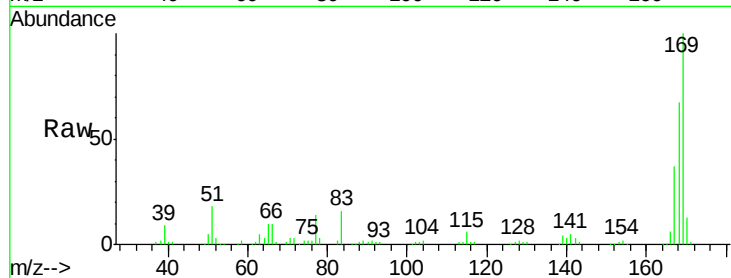




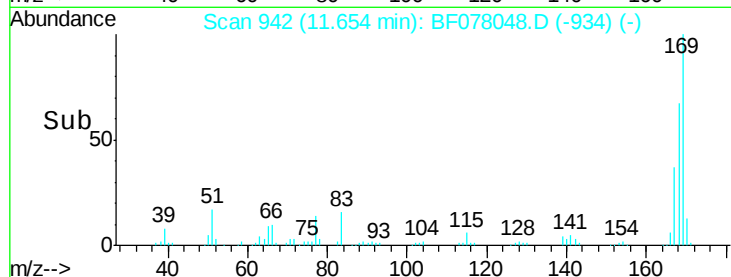
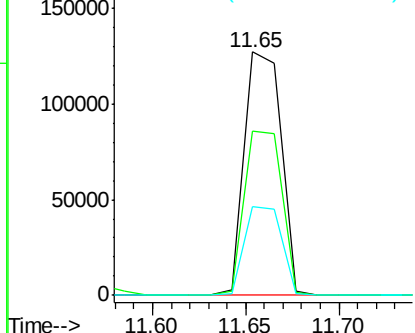
#65
 n-Nitrosodiphenylamine
 Concen: 33.10 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:169 Resp: 174259
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.9 80.9
 167 36.7 28.9 43.3

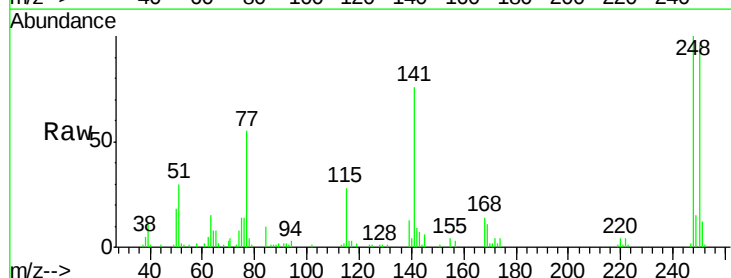


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

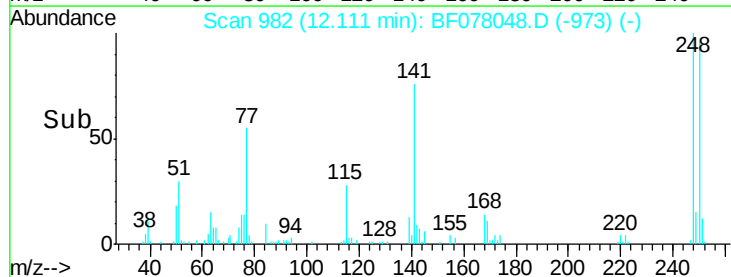
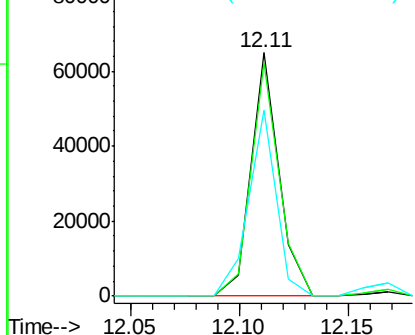


#66
 4-Bromophenyl-phenylether
 Concen: 34.32 ng
 RT: 12.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:248 Resp: 57906
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.4 116.0
 141 76.3 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

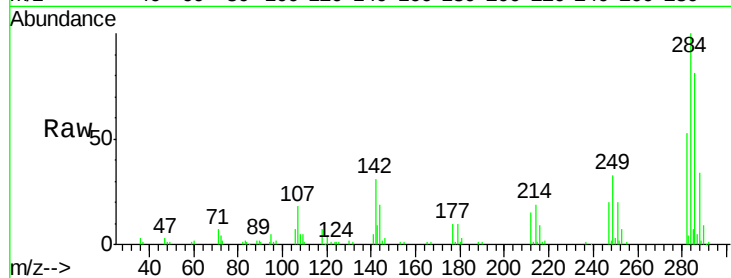




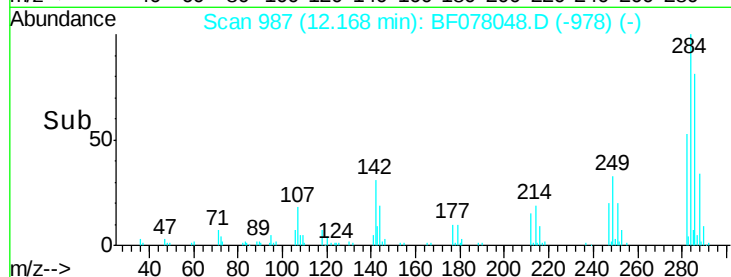
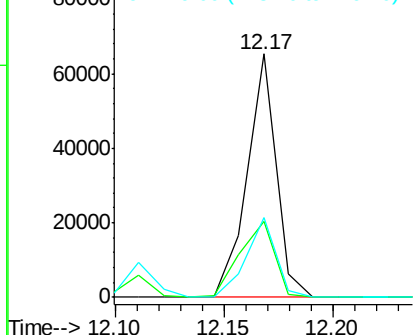
#67
Hexachlorobenzene
Concen: 32.69 ng
RT: 12.17 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion:284 Resp: 60607
Ion Ratio Lower Upper
284 100
142 31.2 20.4 30.6#
249 32.8 23.8 35.6

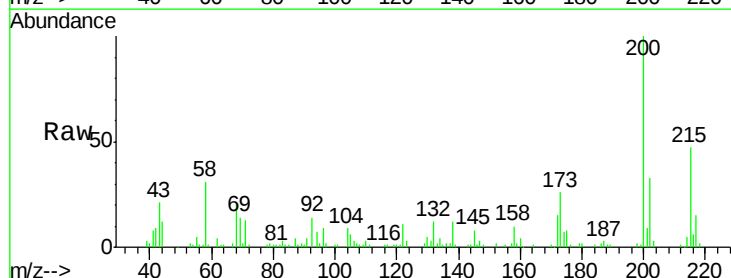


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

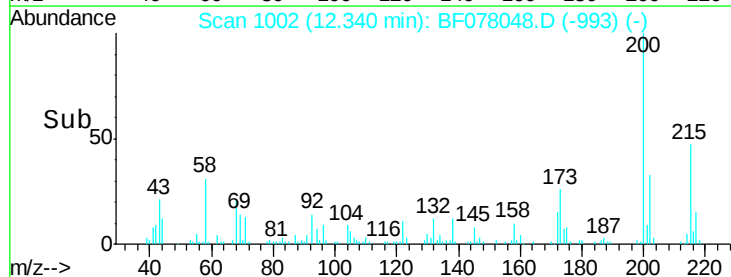
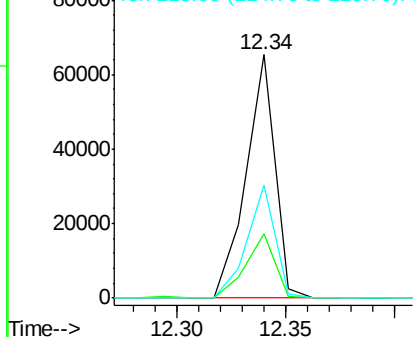


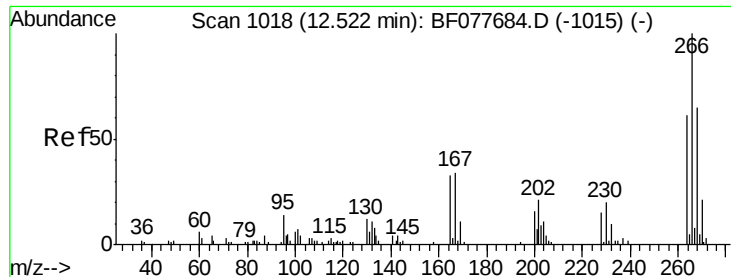
#68
Atrazine
Concen: 40.68 ng
RT: 12.34 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion:200 Resp: 60016
Ion Ratio Lower Upper
200 100
173 26.3 4.8 44.8
215 46.7 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

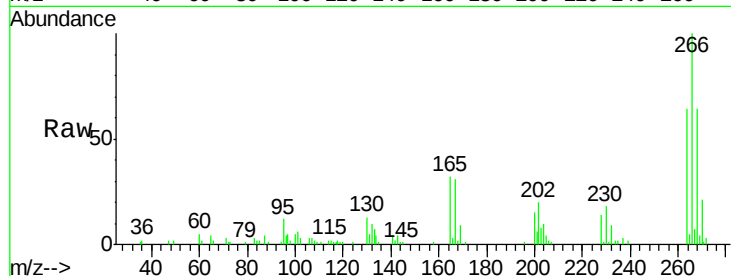




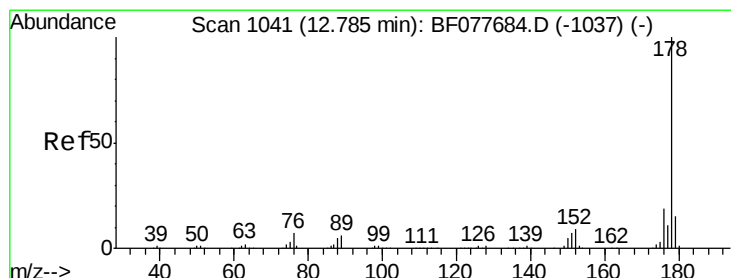
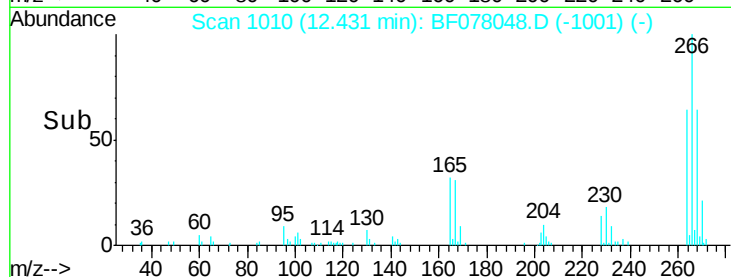
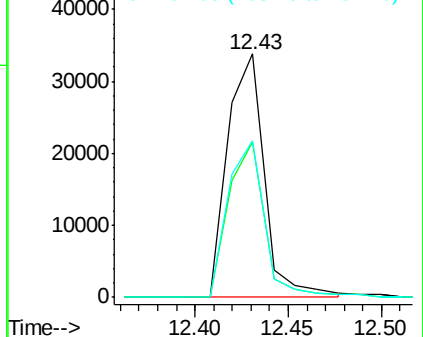
#69
 Pentachlorophenol
 Concen: 49.42 ng
 RT: 12.43 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:266 Resp: 46802
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.0 78.0
 264 64.3 49.0 73.4

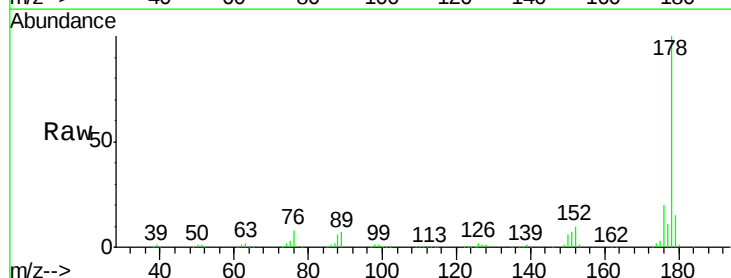


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

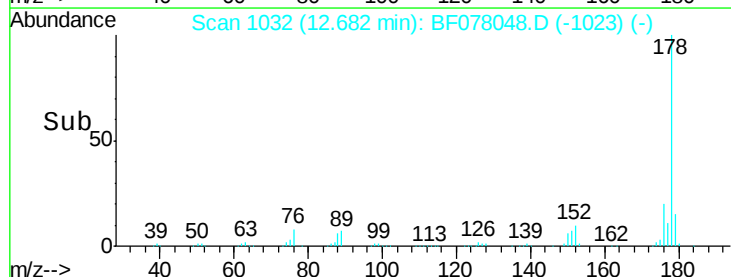
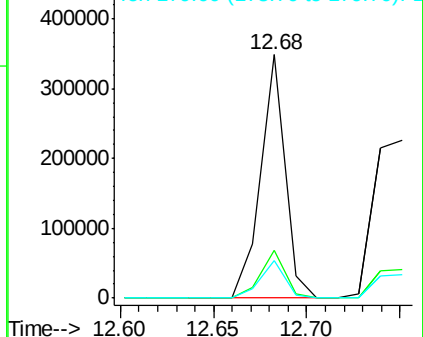


#70
 Phenanthrene
 Concen: 34.81 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:178 Resp: 315941
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.2 22.8
 179 15.2 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

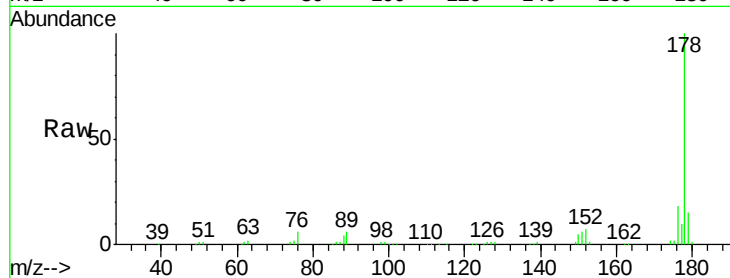




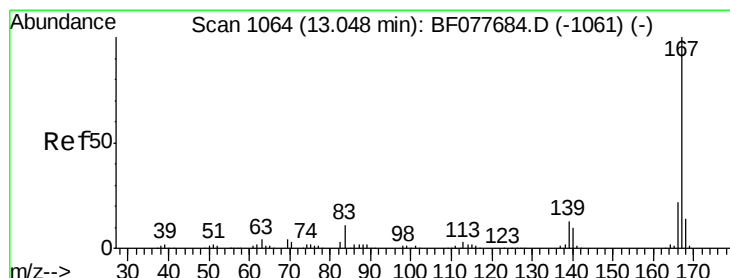
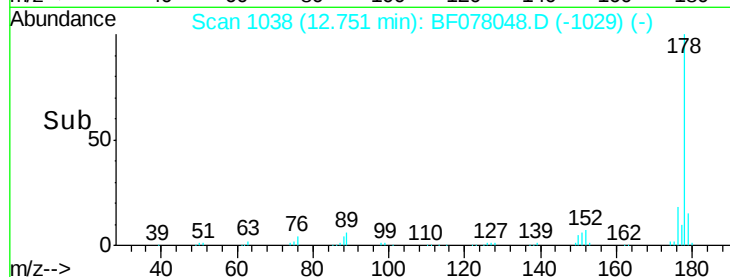
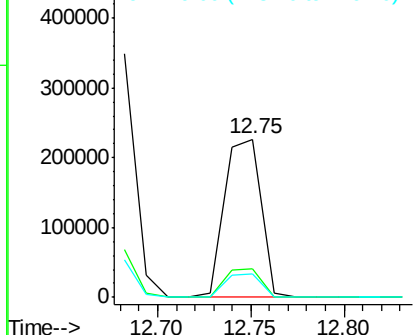
#71
 Anthracene
 Concen: 34.87 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:178 Resp: 312717
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 22.0
 179 14.9 12.6 19.0

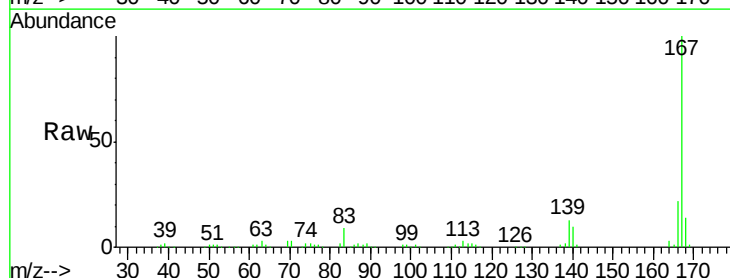


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

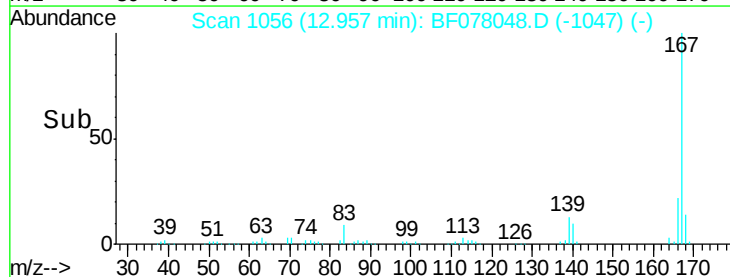
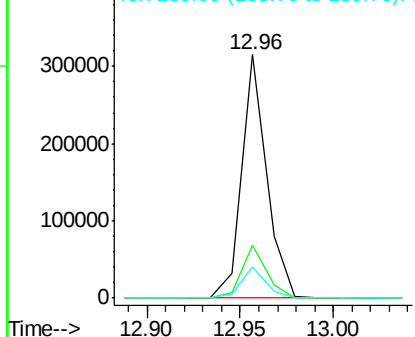


#72
 Carbazole
 Concen: 34.75 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:167 Resp: 296466
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.8 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: 37.55 ng

RT: 13.41 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleID :

PB82360BS

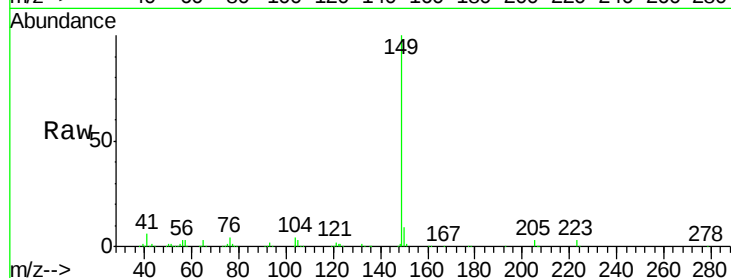
Tot Ion:149 Resp: 359185

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

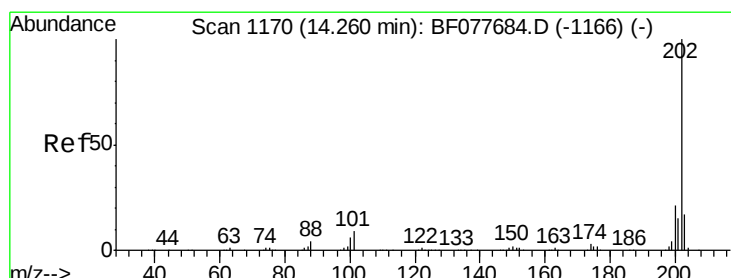
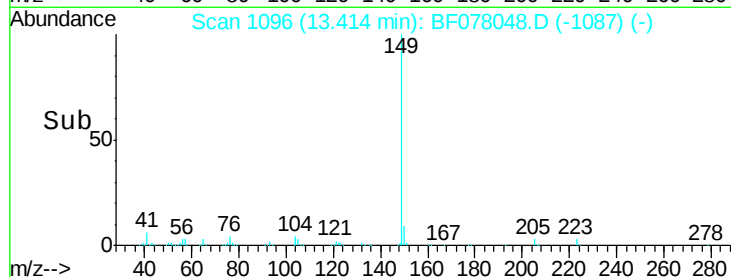
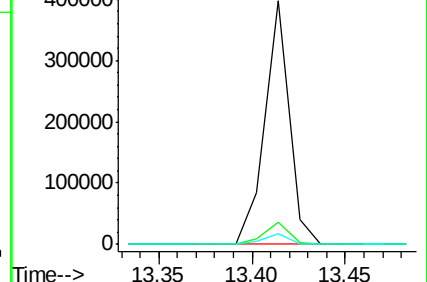
104 4.3 3.7 5.5



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: 34.43 ng

RT: 14.16 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

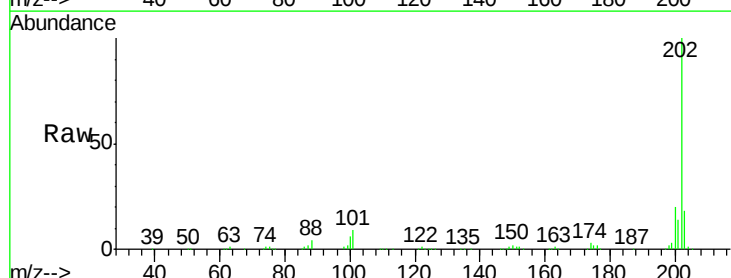
Tgt Ion:202 Resp: 344678

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.7

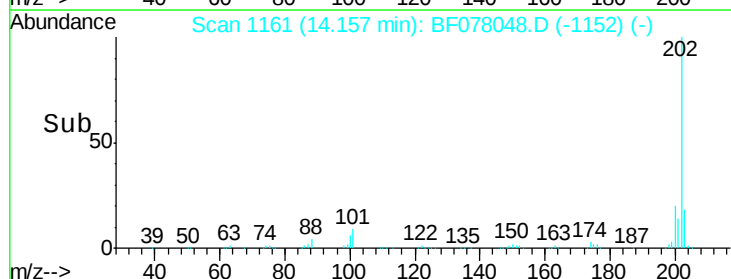
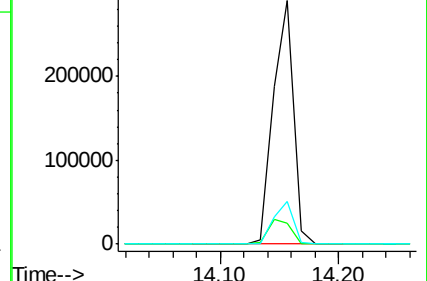
203 17.6 0.0 37.2

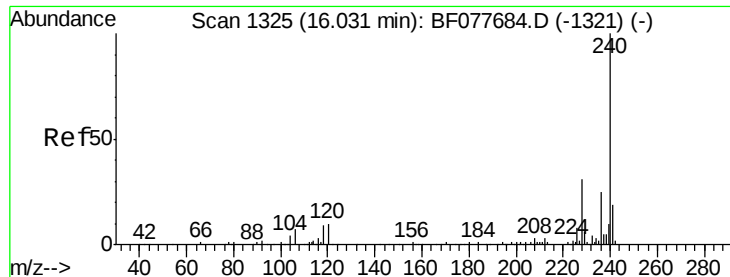


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleId :

PB82360BS

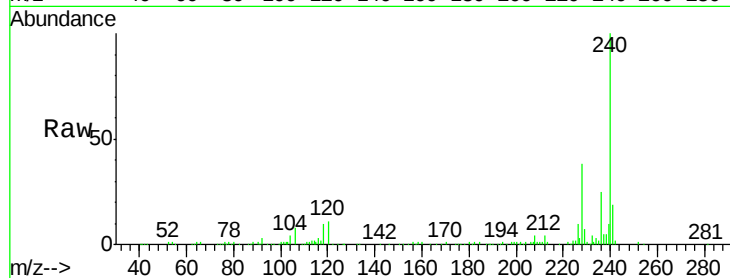
Tot Ion:240 Resp: 166270

Ion Ratio Lower Upper

240 100

120 11.5 8.2 12.2

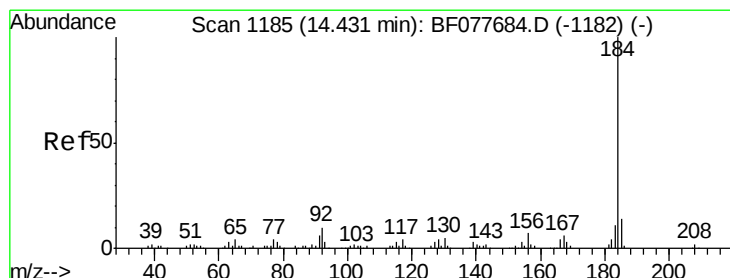
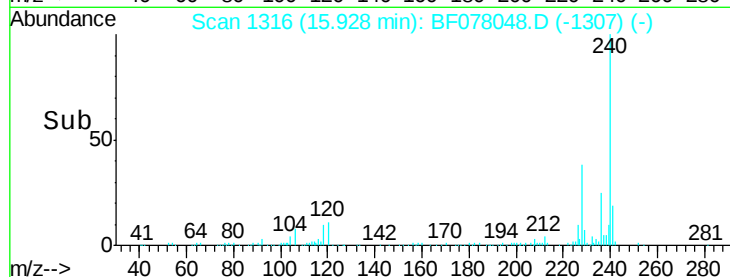
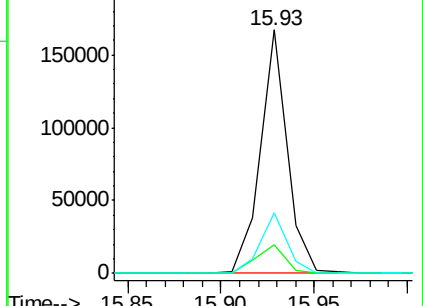
236 25.0 20.0 30.0



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: 32.18 ng

RT: 14.34 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

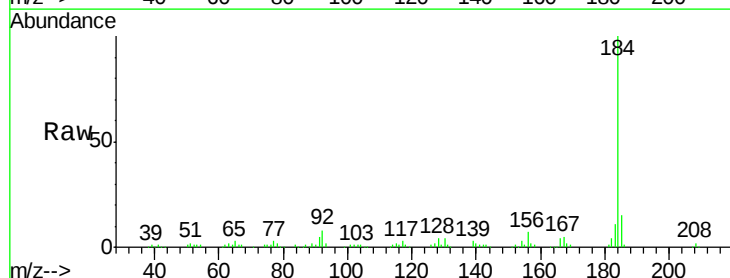
Tgt Ion:184 Resp: 132730

Ion Ratio Lower Upper

184 100

185 15.0 11.3 16.9

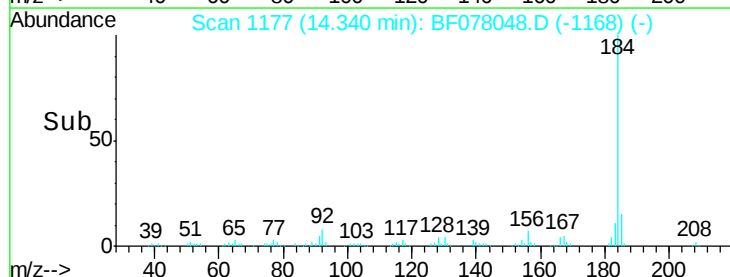
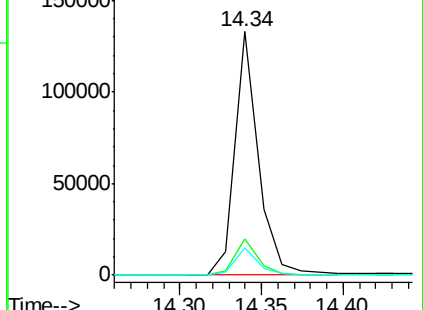
183 11.4 8.9 13.3

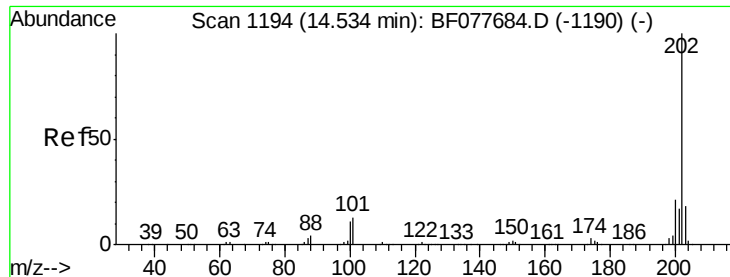


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

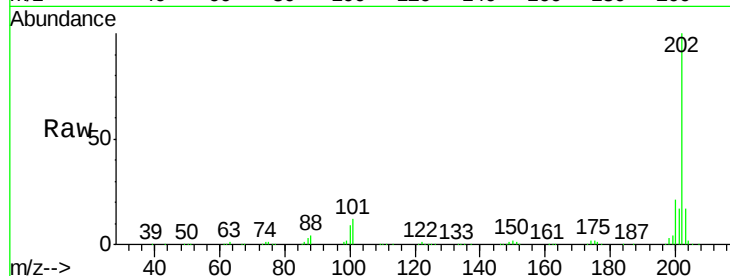




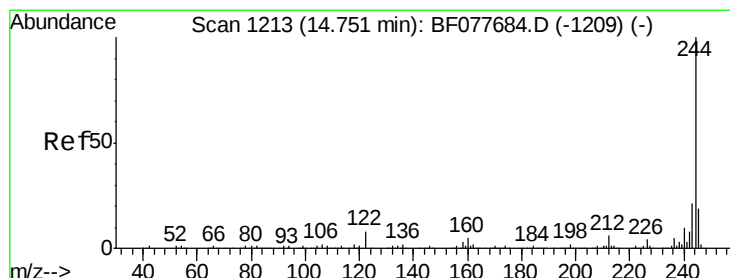
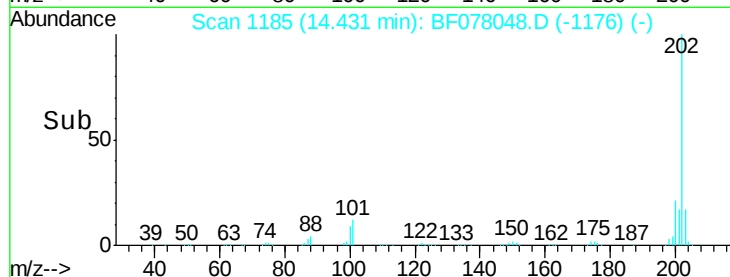
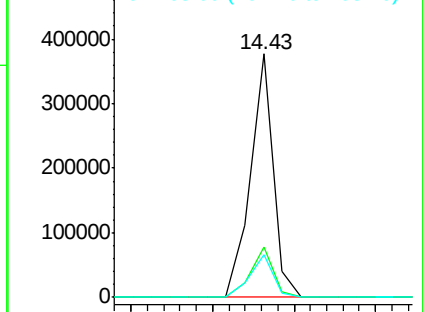
#77
Pvrene
Concen: 34.99 ng
RT: 14.43 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Instrument :
BNA_F
ClientSampleId :
PB82360BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.5	14.1	21.1

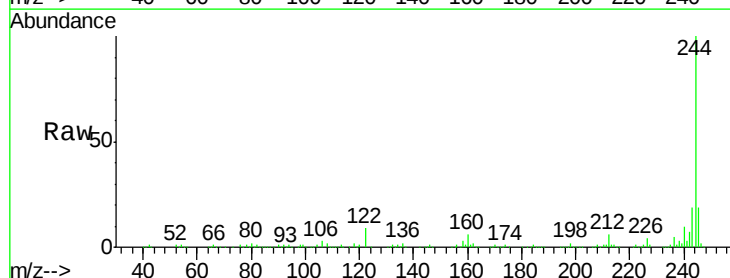


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

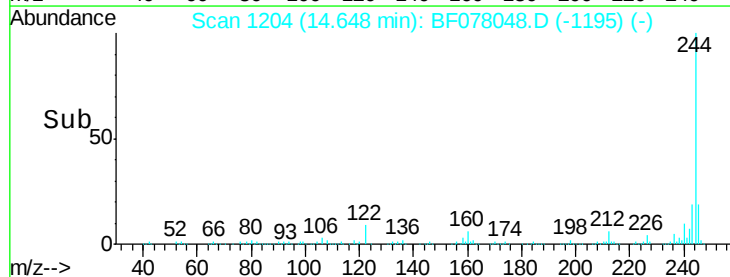
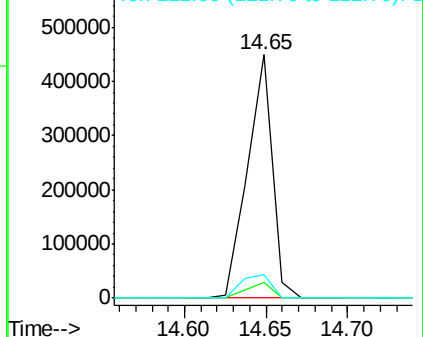


#78
Terphenyl-d14
Concen: 69.66 ng
RT: 14.65 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	4.9	7.3
122	9.4	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

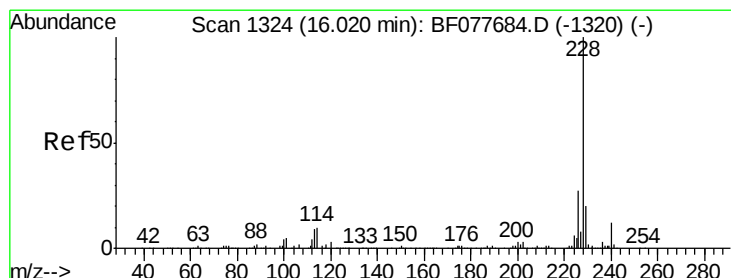
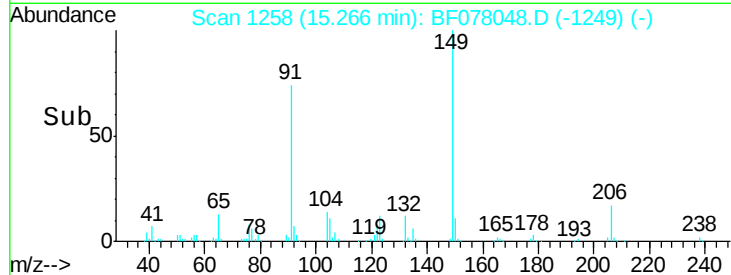
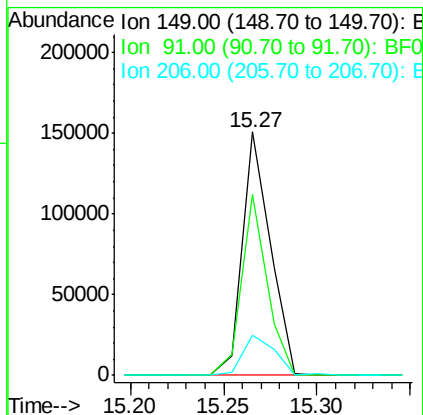
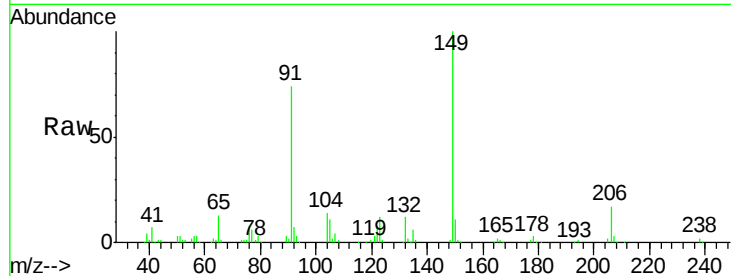




#79
 Butylbenzylphthalate
 Concen: 38.53 ng
 RT: 15.27 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

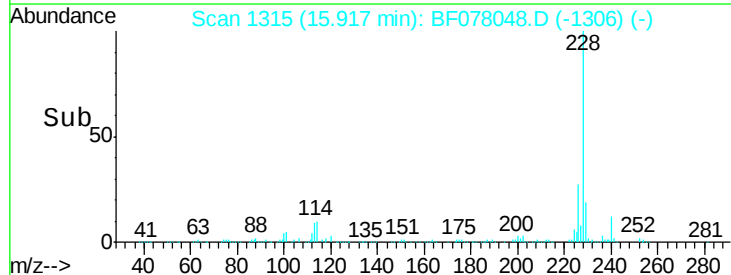
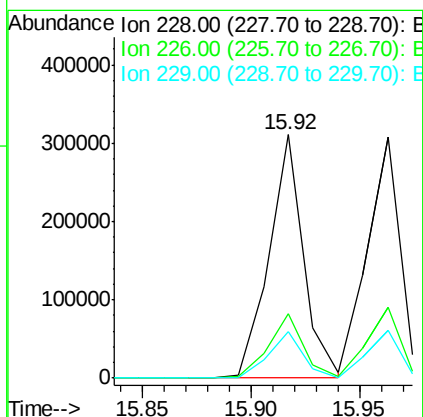
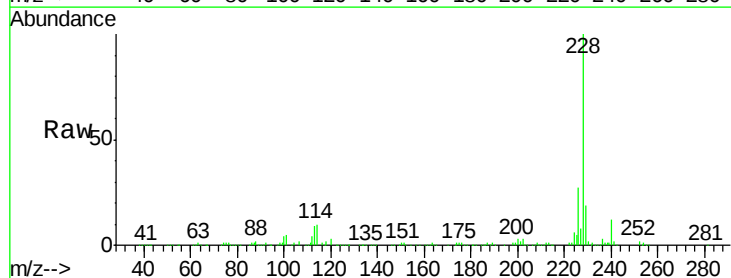
Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

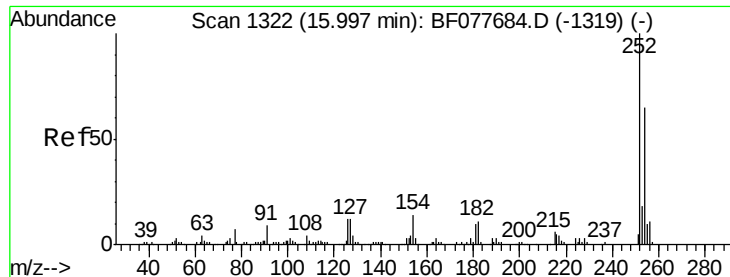
Tot Ion:149 Resp: 158844
 Ion Ratio Lower Upper
 149 100
 91 74.4 50.1 75.1
 206 16.7 16.2 24.2



#80
 Benzo(a)anthracene
 Concen: 34.82 ng
 RT: 15.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:228 Resp: 343148
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.7 32.5
 229 19.3 16.0 24.0

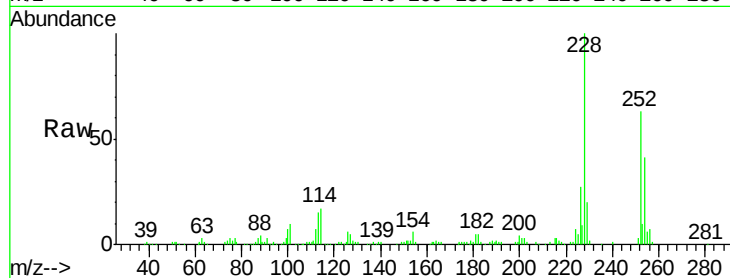




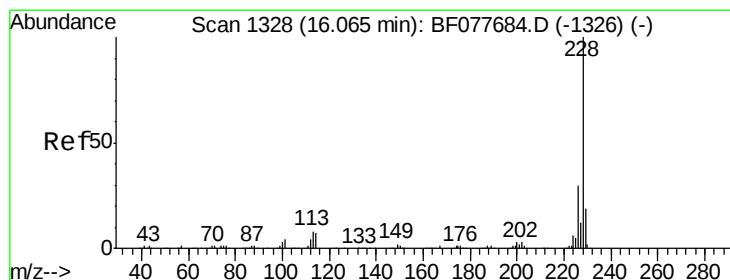
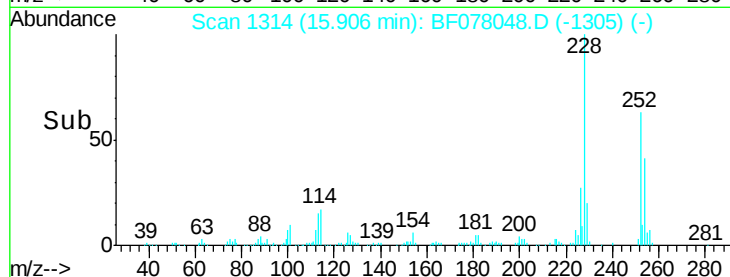
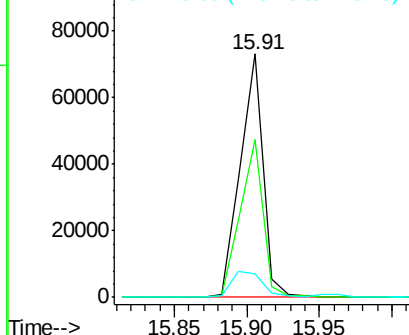
#81
 3,3'-Dichlorobenzidine
 Concen: 24.76 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:252 Resp: 80486
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.9 77.9
 126 9.7 9.8 14.8#

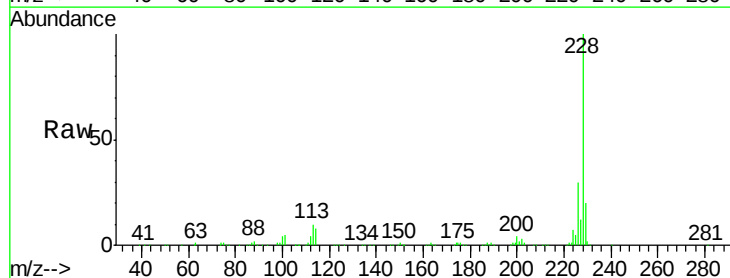


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

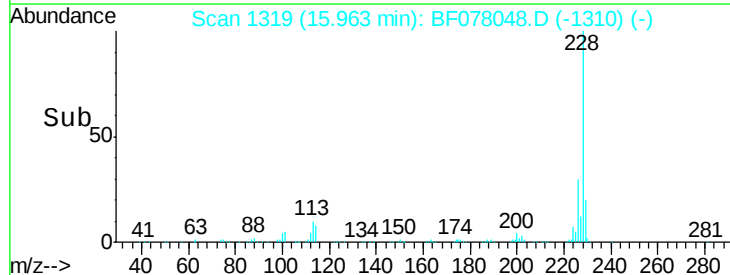
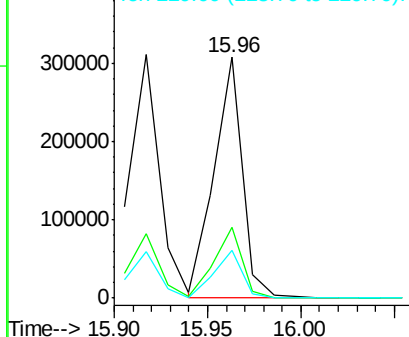


#82
 Chrysene
 Concen: 36.50 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:228 Resp: 323440
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.1 36.1
 229 19.7 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

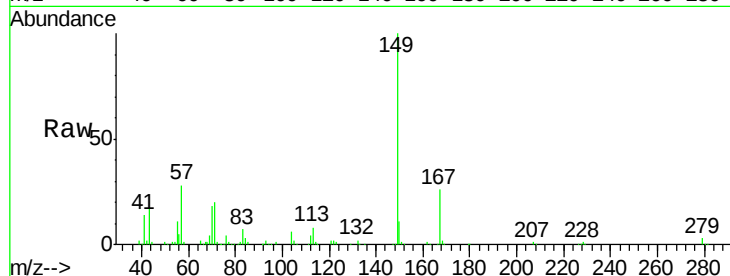




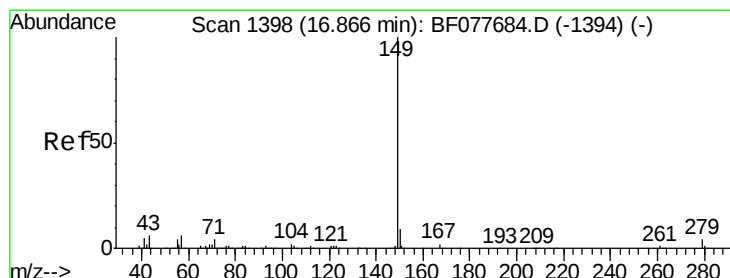
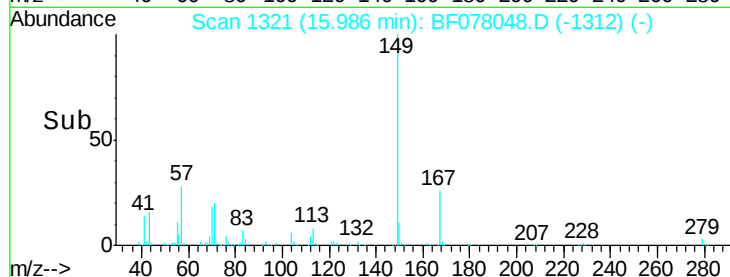
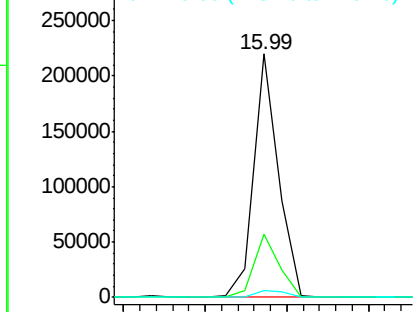
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.00 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:149 Resp: 231066
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.4 33.6
 279 2.6 3.4 5.0#

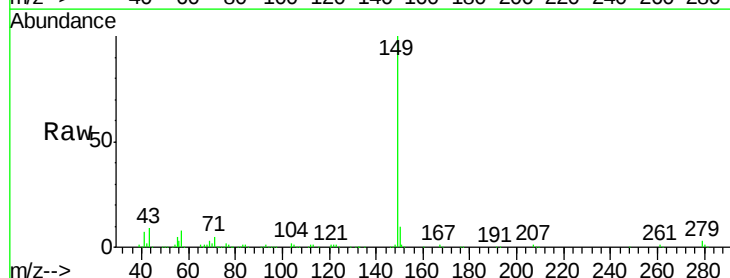


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

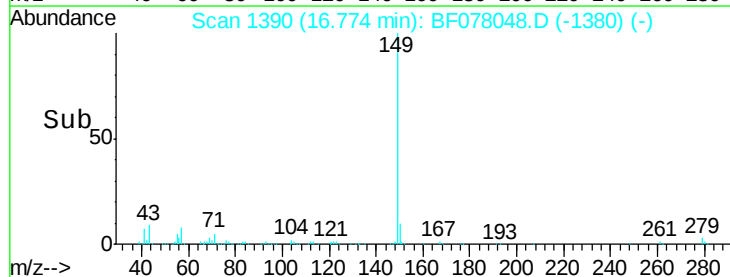
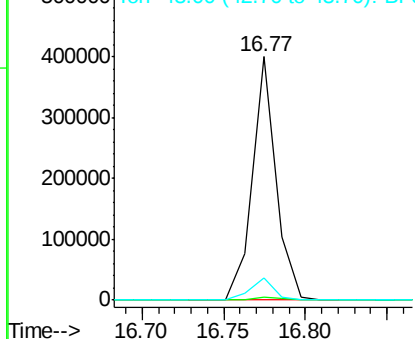


#84
 Di-n-octyl phthalate
 Concen: 37.79 ng
 RT: 16.77 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:149 Resp: 403500
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

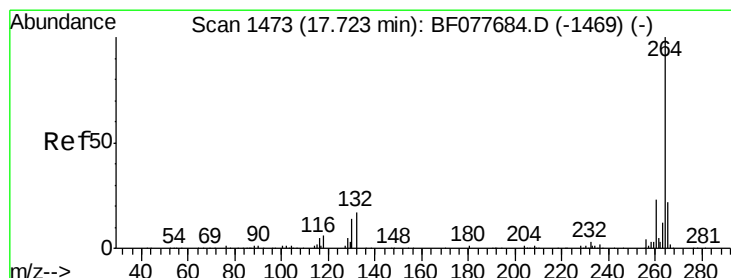
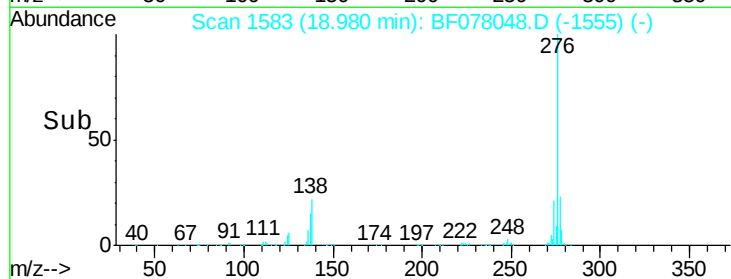
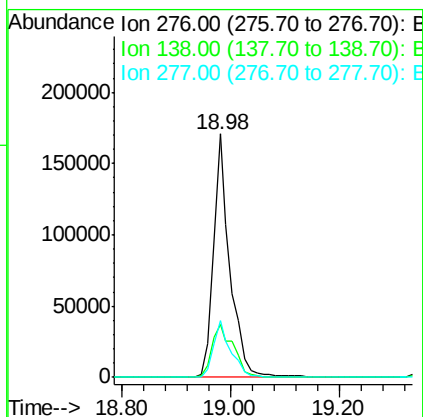
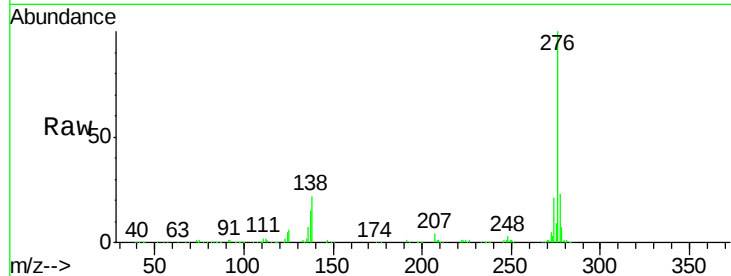




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.97 ng
 RT: 18.98 min Scan# 1583
 Delta R.T. 0.02 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

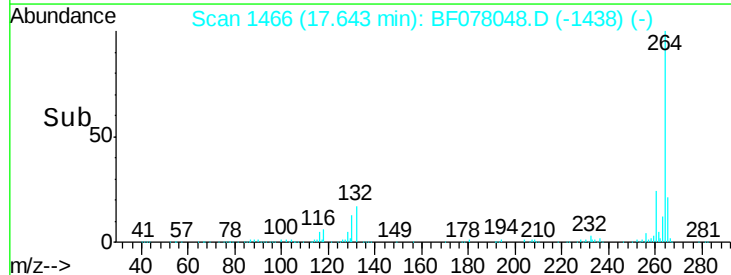
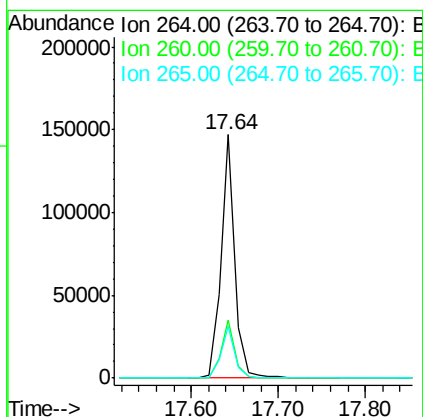
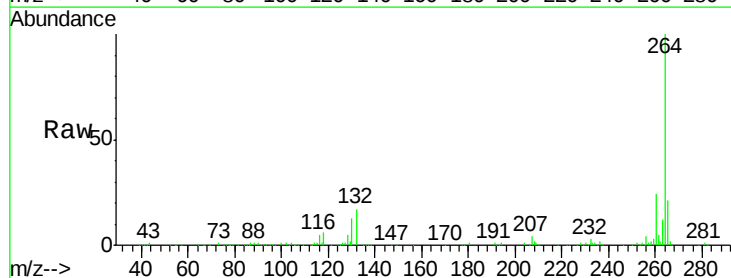
Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:276 Resp: 364677
 Ion Ratio Lower Upper
 276 100
 138 28.5 0.0 0.0#
 277 24.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1466
 Delta R.T. 0.02 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Tgt Ion:264 Resp: 162554
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.3 17.3 25.9

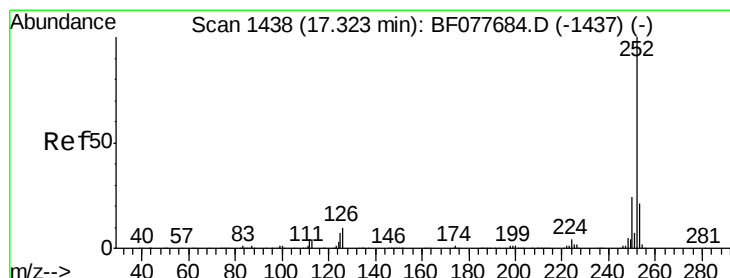
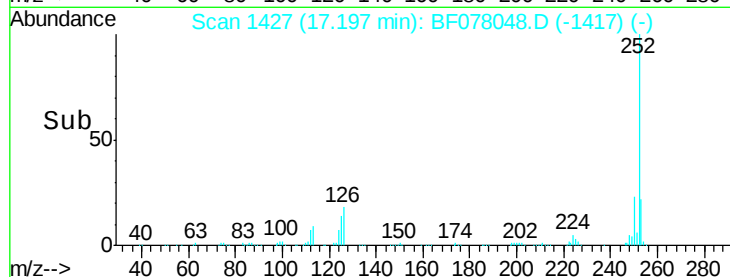
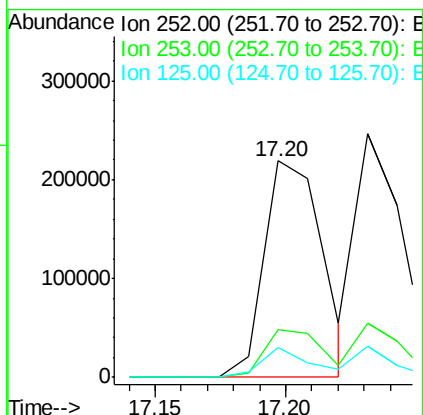
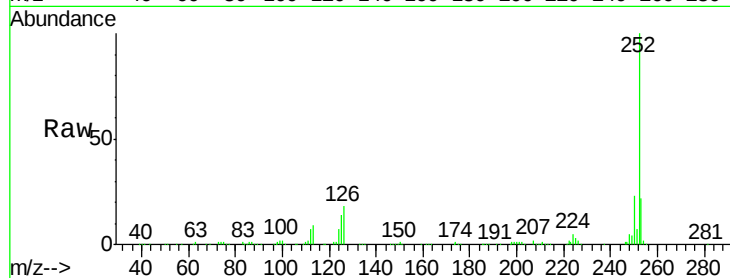




#87
Benzo(b)fluoranthene
Concen: 32.09 ng
RT: 17.20 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

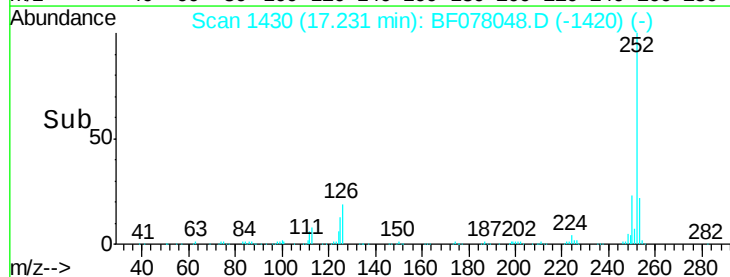
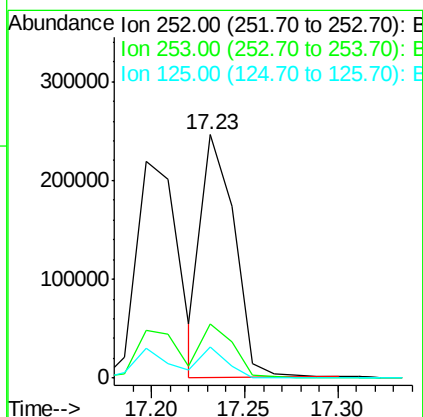
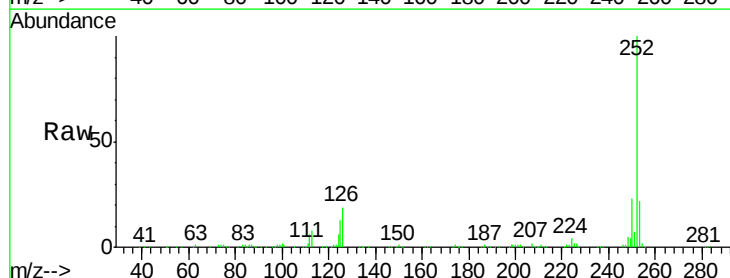
Instrument :
BNA_F
ClientSampleId :
PB82360BS

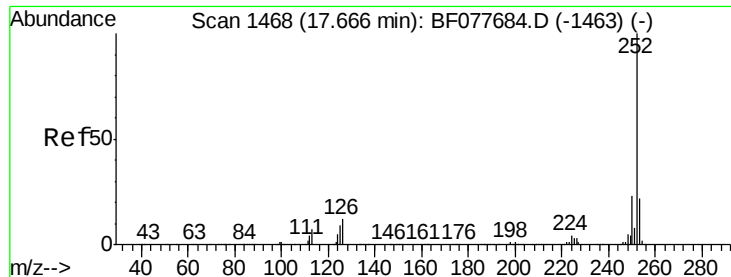
Tot Ion:252 Resp: 340513
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 13.6 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 36.32 ng
RT: 17.23 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF078048.D
Acq: 27 Mar 2015 20:42

Tgt Ion:252 Resp: 301032
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.9 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 35.43 ng

RT: 17.57 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

Instrument :

BNA_F

ClientSampleId :

PB82360BS

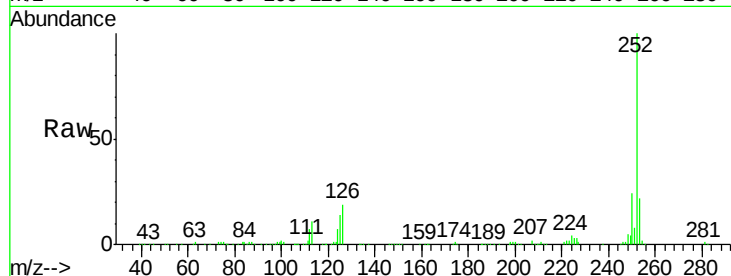
Tot Ion:252 Resp: 313694

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

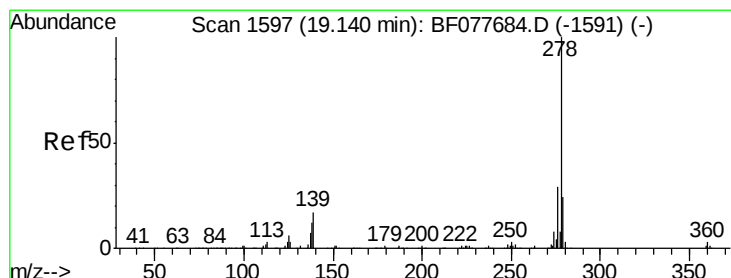
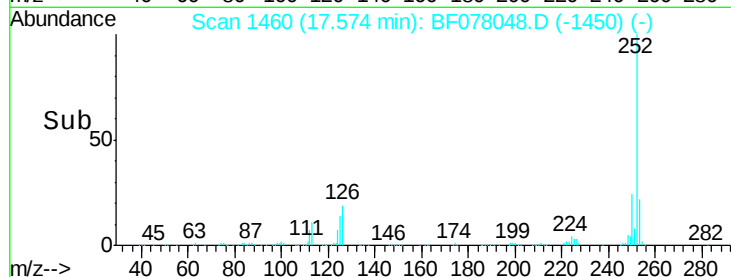
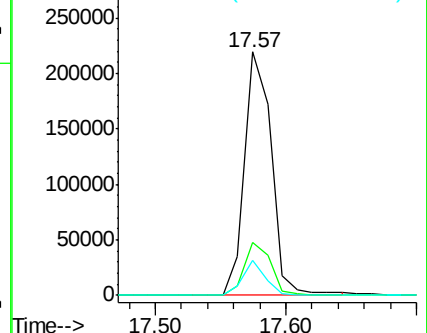
125 14.1 7.4 11.2#



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: 33.64 ng

RT: 19.00 min Scan# 1585

Delta R.T. 0.02 min

Lab File: BF078048.D

Acq: 27 Mar 2015 20:42

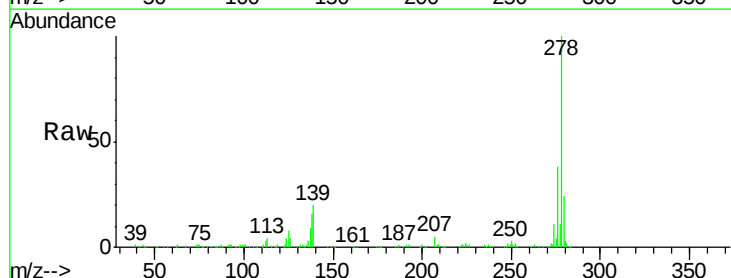
Tgt Ion:278 Resp: 295435

Ion Ratio Lower Upper

278 100

139 19.7 13.4 20.0

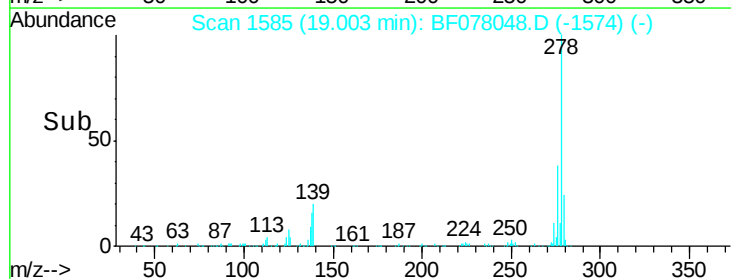
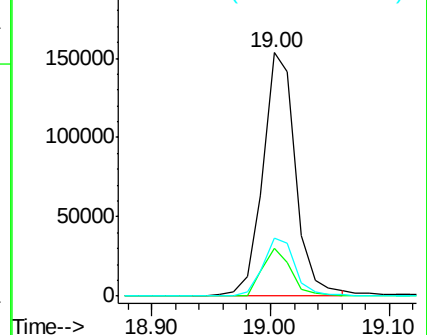
279 24.0 19.0 28.4

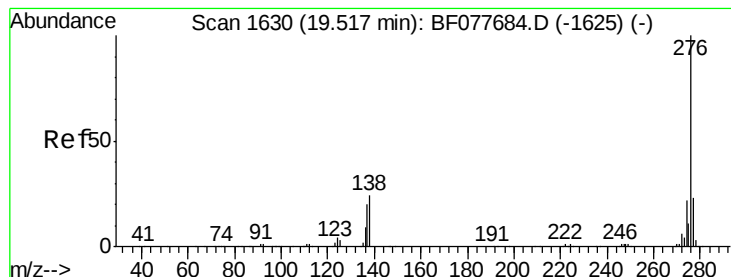


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

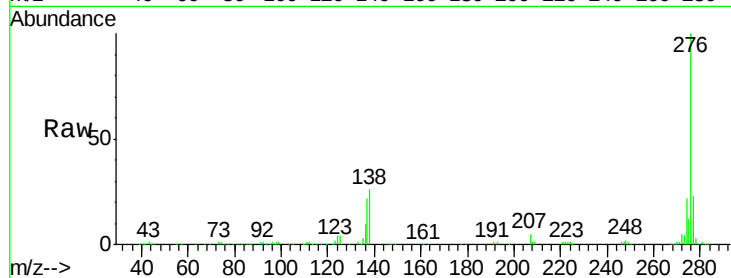




#91
 Benzo(a,h,i)perylene
 Concen: 33.47 ng
 RT: 19.37 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF078048.D
 Acq: 27 Mar 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Tot Ion:276	Resp:	299211
Ion	Ratio	Lower Upper
276	100	
277	23.3	18.5 27.7
138	25.6	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

