

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078039.D
 Acq On : 27 Mar 2015 16:24
 Operator : TP/IZ
 Sample : G1654-11MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

Quant Time: Mar 28 06:06:01 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	38362	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	158214	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	81876	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	155122	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	156375	20.00	ng	0.00
86) Perylene-d12	17.67	264	157202	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	166232	75.64	ng	0.00
7) Phenol-d6	6.67	99	134831	49.66	ng	0.00
23) Nitrobenzene-d5	7.77	82	247155	102.40	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	109230	139.44	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	521589	93.62	ng	0.00
78) Terphenyl-d14	14.65	244	585255	91.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.95	88	18701	18.74	ng	# 100
3) Pyridine	2.64	79	40419	15.08	ng	95
4) n-Nitrosodimethylamine	2.54	42	24635	21.10	ng	# 93
6) Aniline	6.67	93	58640	15.10	ng	# 87
8) 2-Chlorophenol	6.82	128	112441	42.98	ng	90
9) Benzaldehyde	6.52	77	5762	5.18	ng	97
10) Phenol	6.68	94	54531	16.99	ng	83
11) bis(2-Chloroethyl)ether	6.77	93	127211	52.91	ng	98
12) 1,3-Dichlorobenzene	7.00	146	131285	45.12	ng	# 94
13) 1,4-Dichlorobenzene	7.09	146	132388	43.79	ng	95
14) 1,2-Dichlorobenzene	7.28	146	125728	45.36	ng	95
15) Benzyl Alcohol	7.26	79	69193	32.64	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.45	45	169687	52.37	ng	99
17) 2-Methylphenol	7.44	107	73253	34.40	ng	# 90
18) Hexachloroethane	7.70	117	46167	46.56	ng	# 82
19) n-Nitroso-di-n-propylamine	7.61	70	96271	51.25	ng	# 88
20) 3+4-Methylphenols	7.63	107	90994	32.56	ng	98
22) Acetophenone	7.58	105	181224	51.74	ng	# 99
24) Nitrobenzene	7.80	77	129326	49.74	ng	# 75
25) Isophorone	8.10	82	255923	52.50	ng	98
26) 2-Nitrophenol	8.19	139	68733	53.99	ng	96
27) 2,4-Dimethylphenol	8.27	122	108810	46.92	ng	97
28) bis(2-Chloroethoxy)methane	8.38	93	160938	54.40	ng	98
29) 2,4-Dichlorophenol	8.50	162	108460	49.06	ng	96
30) 1,2,4-Trichlorobenzene	8.59	180	116277	47.01	ng	98
31) Naphthalene	8.68	128	388191	47.77	ng	100
32) Benzoic acid	8.37	122	25506	21.54	ng	93
33) 4-Chloroaniline	8.76	127	59591	18.07	ng	# 94
34) Hexachlorobutadiene	8.83	225	63709	45.44	ng	99
35) Caprolactam	9.21	113	6183	9.57	ng	91
36) 4-Chloro-3-methylphenol	9.38	107	106155	47.73	ng	87
37) 2-Methylnaphthalene	9.54	142	281601	51.59	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	119141	48.79	ng	# 100
40) Hexachlorocyclopentadiene	9.72	237	103160	84.21	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	82301	48.65	nq	99
43) 2,4,5-Trichlorophenol	9.95	196	88901	48.65	nq	# 95
45) 1,1'-Biphenyl	10.12	154	326947	49.95	nq	99
46) 2-Chloronaphthalene	10.13	162	253558	47.67	nq	# 92
47) 2-Nitroaniline	10.27	65	69434	52.56	nq	# 82
48) Acenaphthylene	10.65	152	395041	44.66	nq	100
49) Dimethylphthalate	10.51	163	301763	49.69	nq	99
50) 2,6-Dinitrotoluene	10.59	165	66405	52.75	nq	# 70
51) Acenaphthene	10.87	154	237199	46.77	nq	99
52) 3-Nitroaniline	10.79	138	24755	16.93	nq	# 86
53) 2,4-Dinitrophenol	10.92	184	53550	112.19	nq	# 81
54) Dibenzofuran	11.07	168	360883	47.98	nq	92
55) 4-Nitrophenol	11.03	139	40744	37.62	nq	# 54
56) 2,4-Dinitrotoluene	11.08	165	91664	55.84	nq	# 67
57) Fluorene	11.49	166	295178	47.26	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	68304	48.54	nq	# 100
59) Diethylphthalate	11.39	149	309390	52.29	nq	99
60) 4-Chlorophenyl-phenylether	11.52	204	135647	47.59	nq	93
61) 4-Nitroaniline	11.54	138	58919	40.44	nq	77
62) Azobenzene	11.70	77	280835	49.66	nq	90
64) 4,6-Dinitro-2-methylphenol	11.57	198	37217	50.56	nq	# 73
65) n-Nitrosodiphenylamine	11.67	169	263050	50.93	nq	100
66) 4-Bromophenyl-phenylether	12.11	248	83120	50.21	nq	# 84
67) Hexachlorobenzene	12.17	284	87632	48.18	nq	# 88
68) Atrazine	12.35	200	79083	54.63	nq	99
69) Pentachlorophenol	12.43	266	92074	96.00	nq	99
70) Phenanthrene	12.68	178	443046	49.75	nq	99
71) Anthracene	12.75	178	454350	51.64	nq	99
72) Carbazole	12.96	167	420775	50.28	nq	99
73) Di-n-butylphthalate	13.41	149	511506	54.51	nq	100
74) Fluoranthene	14.16	202	500491	50.95	nq	98
77) Pyrene	14.43	202	484016	49.22	nq	99
79) Butylbenzylphthalate	15.27	149	232201	59.89	nq	# 81
80) Benzo(a)anthracene	15.92	228	472737	51.00	nq	99
81) 3,3'-Dichlorobenzidine	15.91	252	51182	16.74	nq	98
82) Chrysene	15.96	228	445213	53.42	nq	99
83) Bis(2-ethylhexyl)phthalate	16.00	149	345960	58.91	nq	100
84) Di-n-octyl phthalate	16.79	149	605294	60.28	nq	99
85) Indeno(1,2,3-cd)pyrene	19.01	276	523554	50.33	nq	# 100
87) Benzo(b)fluoranthene	17.22	252	495554	48.29	nq	99
88) Benzo(k)fluoranthene	17.25	252	403289	50.31	nq	98
89) Benzo(a)pyrene	17.61	252	446766	52.17	nq	99
90) Dibenzo(a,h)anthracene	19.05	278	422112	49.70	nq	99
91) Benzo(g,h,i)perylene	19.41	276	432740	50.05	nq	99

(#) = 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

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PZ-1-3-25-15MSD

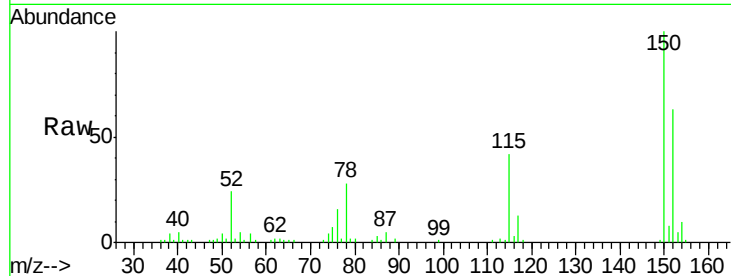
Tot Ion:152 Resp: 38362

Ion Ratio Lower Upper

152 100

150 159.2 119.5 179.3

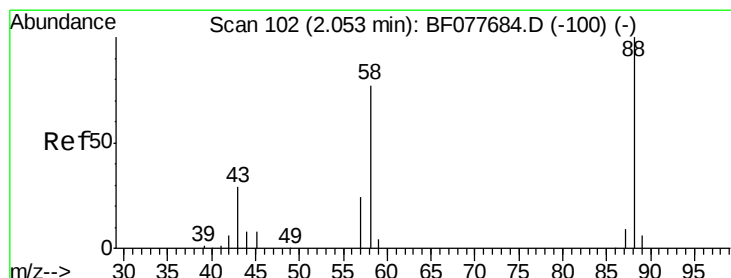
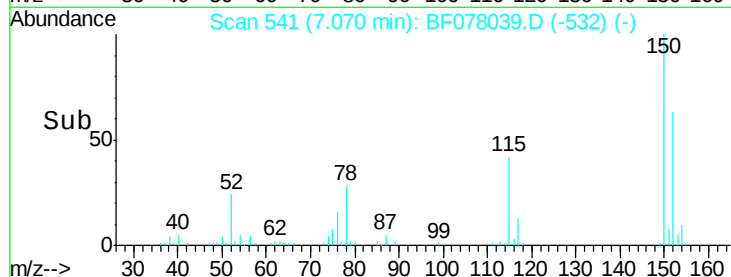
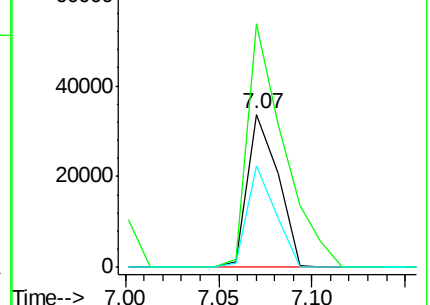
115 66.3 43.0 64.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 18.74 ng

RT: 1.95 min Scan# 93

Delta R.T. 0.02 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

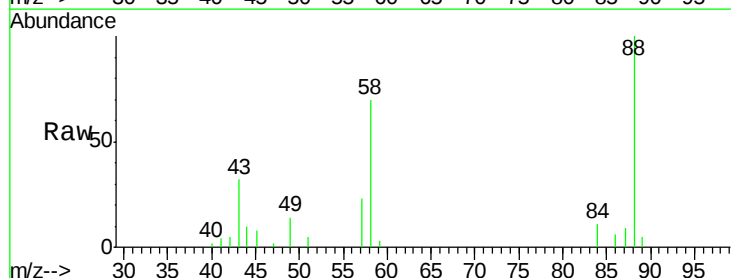
Tgt Ion: 88 Resp: 18701

Ion Ratio Lower Upper

88 100

58 74.9 0.0 0.0#

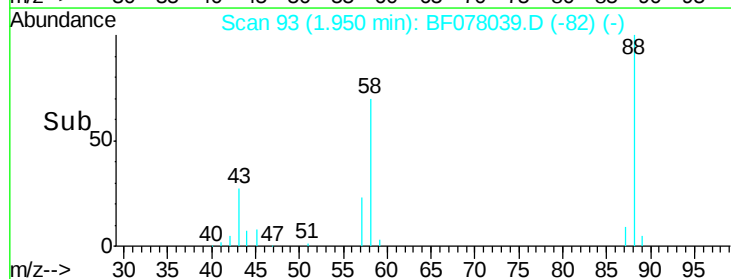
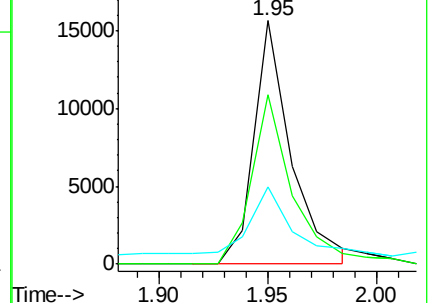
43 28.8 0.0 0.0#

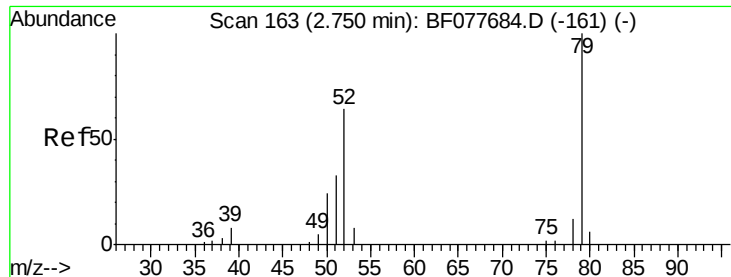


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 15.08 ng

RT: 2.64 min Scan# 153

Delta R.T. 0.06 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

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ClientSampleId :

PZ-1-3-25-15MSD

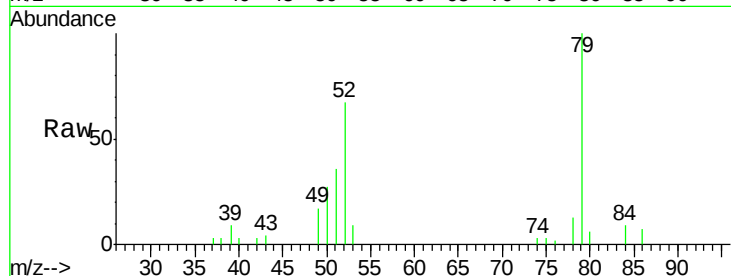
Tot Ion: 79 Resp: 40419

Ion Ratio Lower Upper

79 100

52 67.0 51.1 76.7

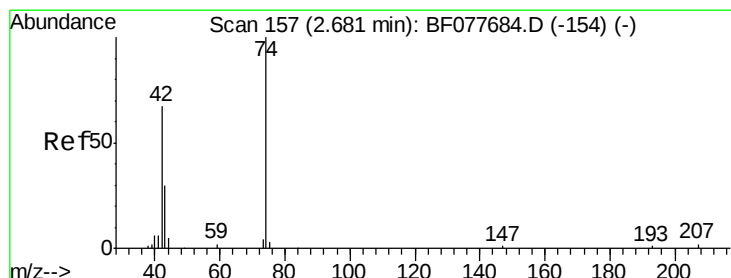
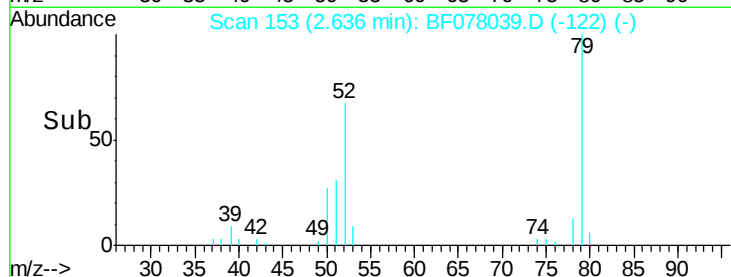
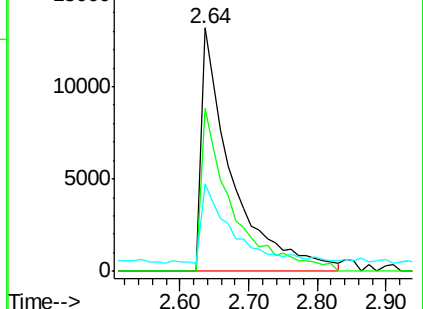
51 35.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 21.10 ng

RT: 2.54 min Scan# 145

Delta R.T. 0.02 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

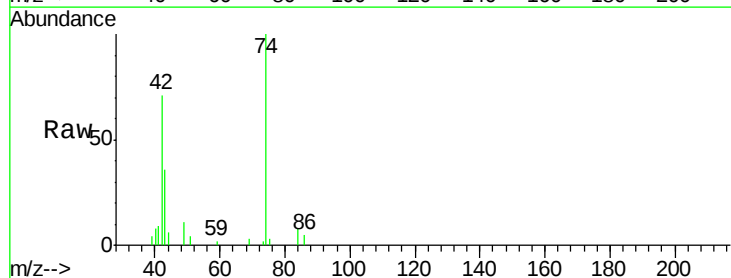
Tgt Ion: 42 Resp: 24635

Ion Ratio Lower Upper

42 100

74 140.8 119.3 178.9

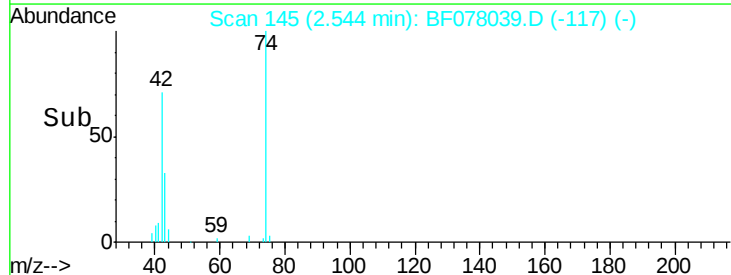
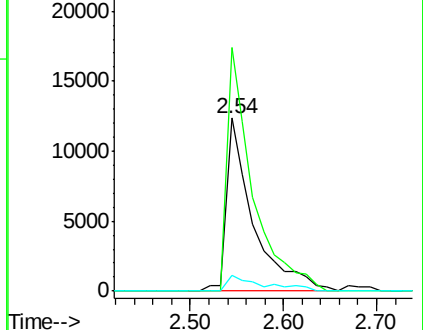
44 9.1 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.64 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

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ClientSampleId :

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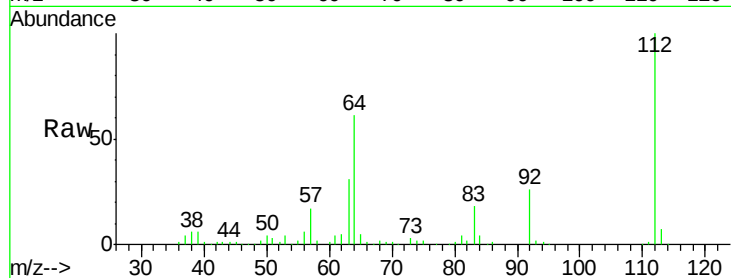
Tot Ion: 112 Resp: 166232

Ion Ratio Lower Upper

112 100

64 60.6 38.6 57.8#

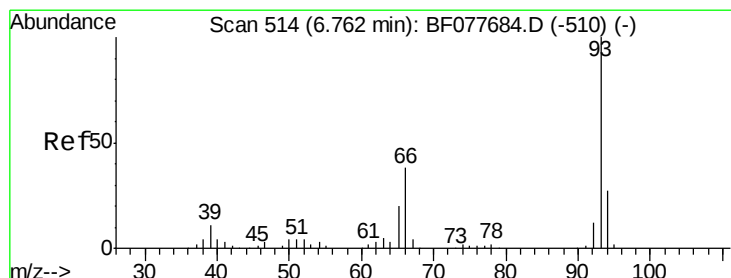
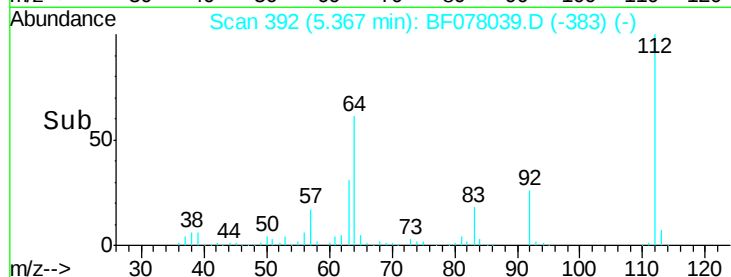
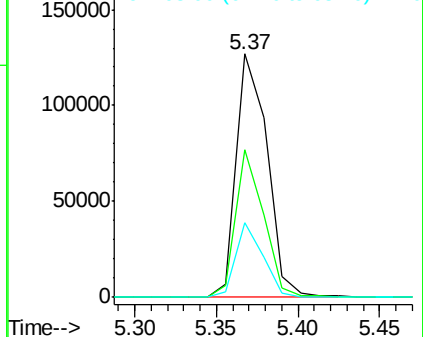
63 30.6 19.3 28.9#



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: 15.10 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

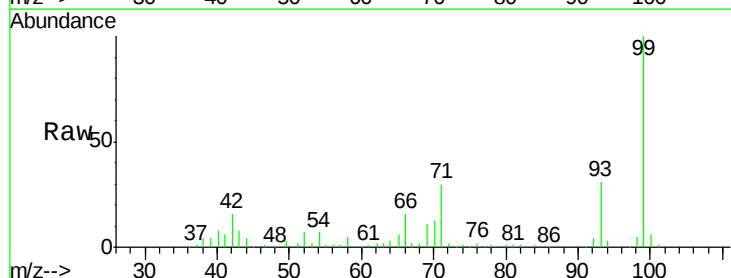
Tgt Ion: 93 Resp: 58640

Ion Ratio Lower Upper

93 100

66 49.7 30.8 46.2#

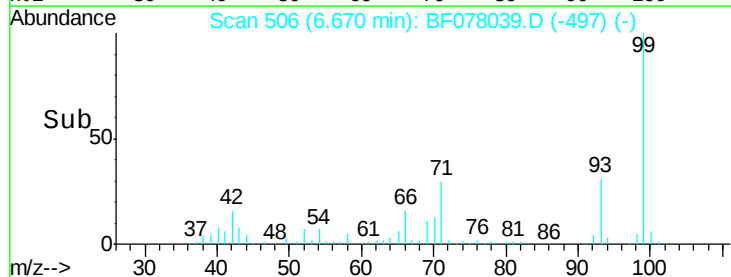
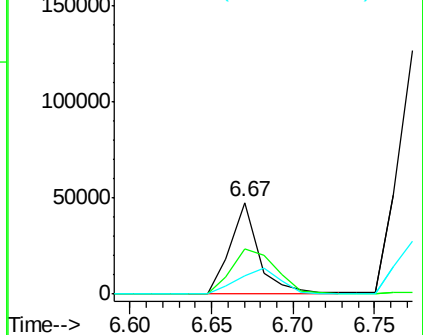
65 20.5 16.0 24.0



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: 49.66 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

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PZ-1-3-25-15MSD

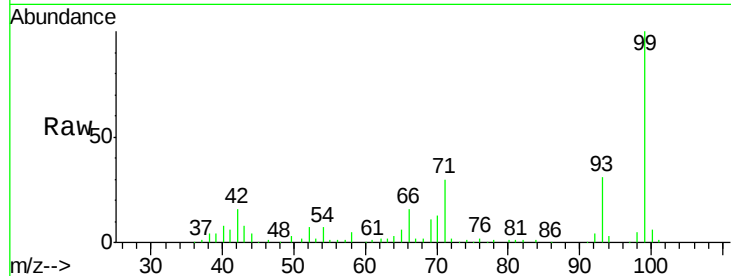
Tot Ion: 99 Resp: 134831

Ion Ratio Lower Upper

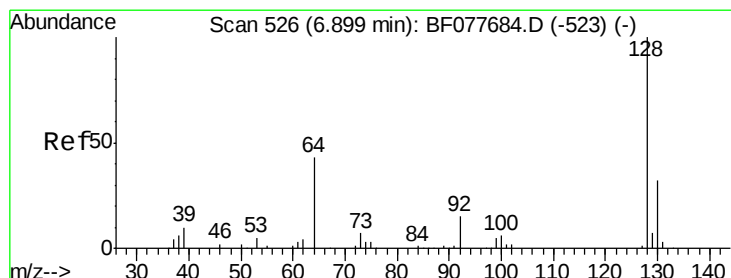
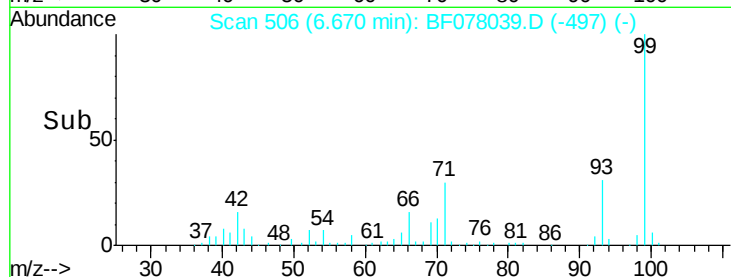
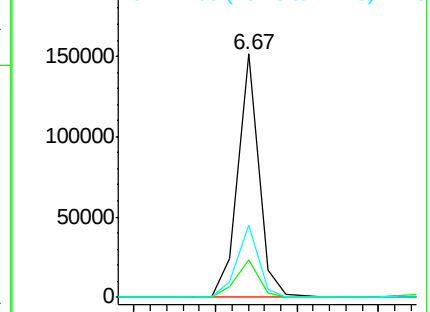
99 100

42 15.7 11.0 16.4

71 29.8 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: 42.98 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

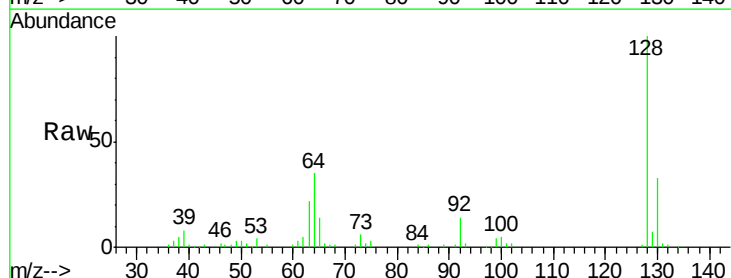
Tgt Ion: 128 Resp: 112441

Ion Ratio Lower Upper

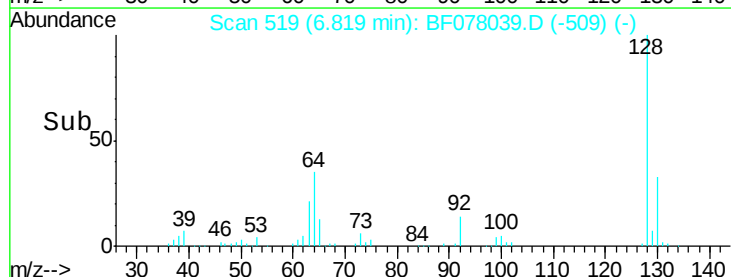
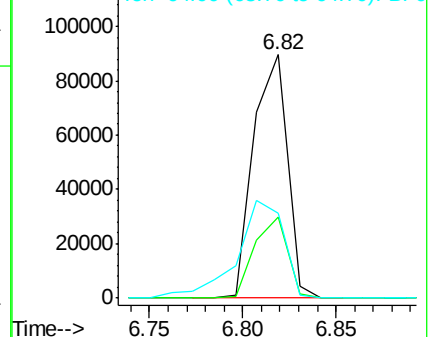
128 100

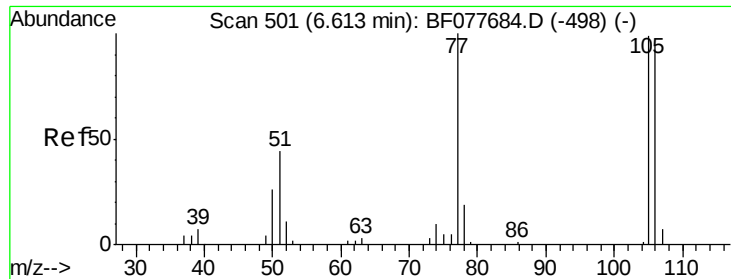
130 33.5 12.0 52.0

64 34.7 24.9 64.9



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

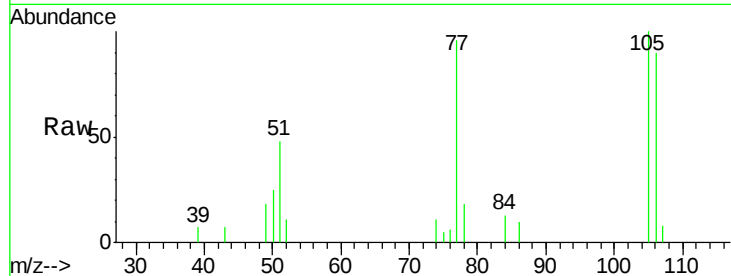




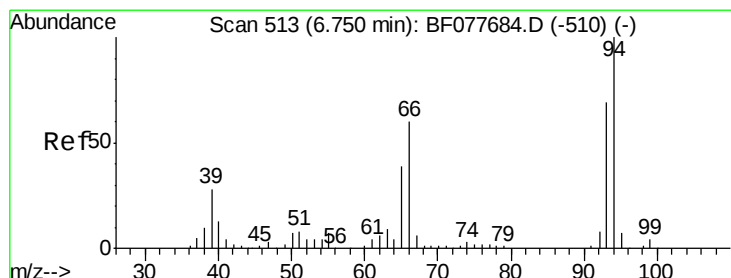
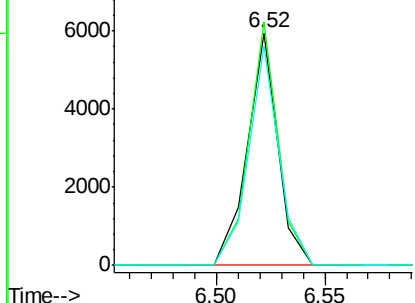
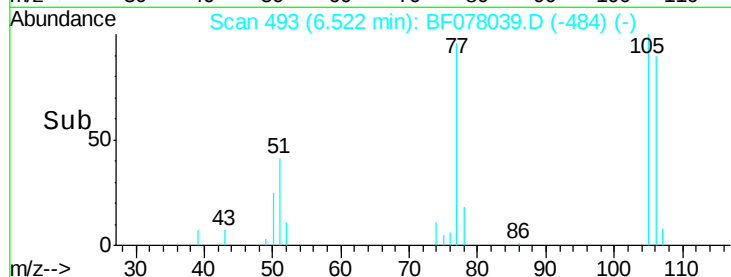
#9
Benzaldehyde
Concen: 5.18 ng
RT: 6.52 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

Tot Ion: 77 Resp: 5762
Ion Ratio Lower Upper
77 100
105 104.7 78.8 118.8
106 94.4 73.7 113.7

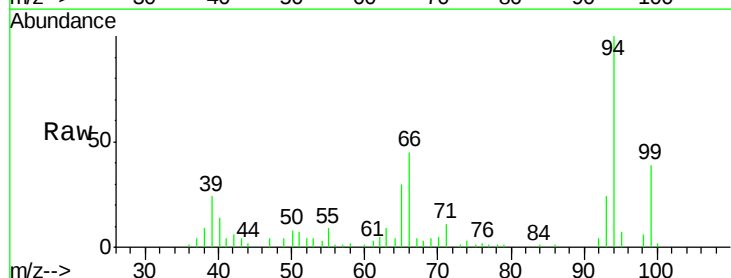


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

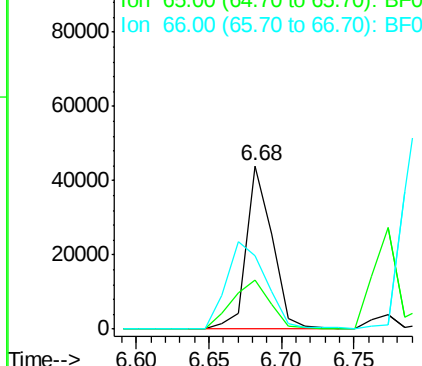
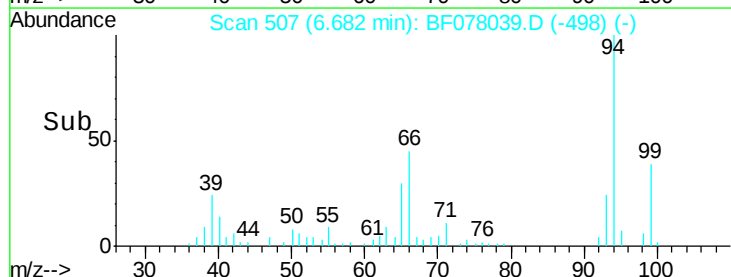


#10
Phenol
Concen: 16.99 ng
RT: 6.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion: 94 Resp: 54531
Ion Ratio Lower Upper
94 100
65 30.3 18.8 58.8
66 45.1 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

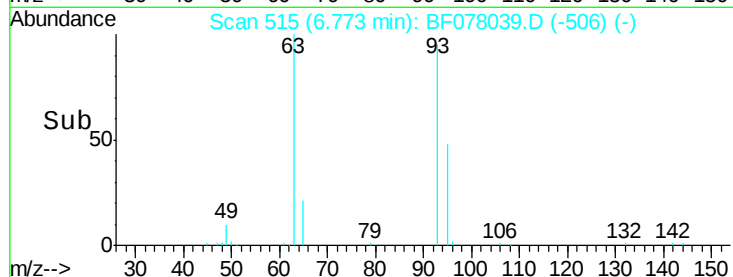
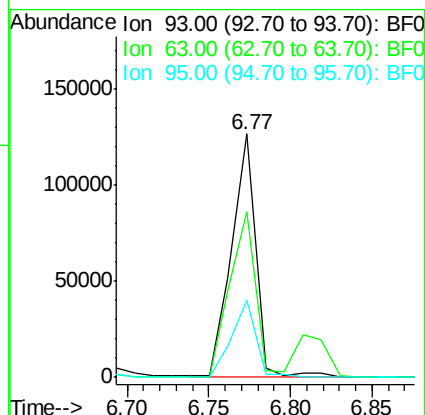
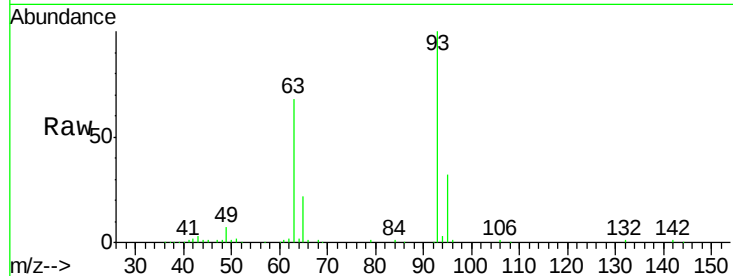




#11
bis(2-Chloroethyl)ether
Concen: 52.91 ng
RT: 6.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

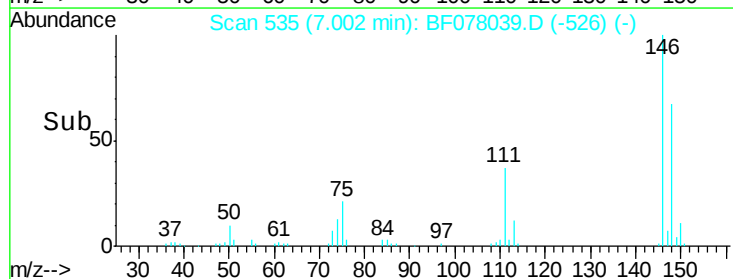
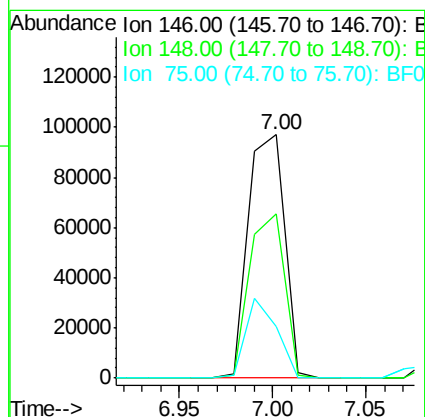
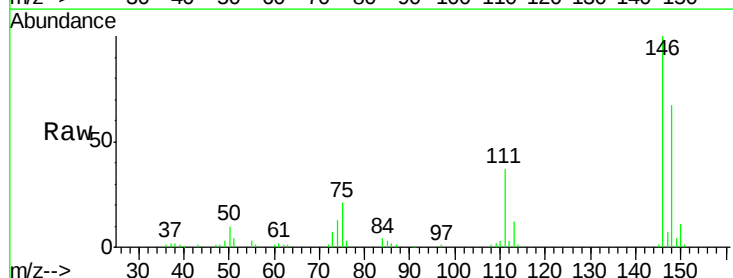
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

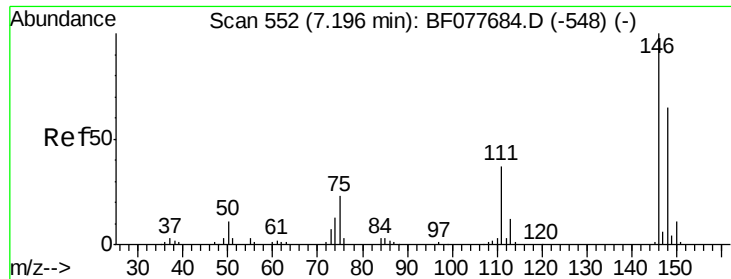
Tot Ion: 93 Resp: 127211
Ion Ratio Lower Upper
93 100
63 67.9 49.5 89.5
95 31.6 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 45.12 ng
RT: 7.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion: 146 Resp: 131285
Ion Ratio Lower Upper
146 100
148 67.2 50.9 76.3
75 21.4 21.4 32.2#

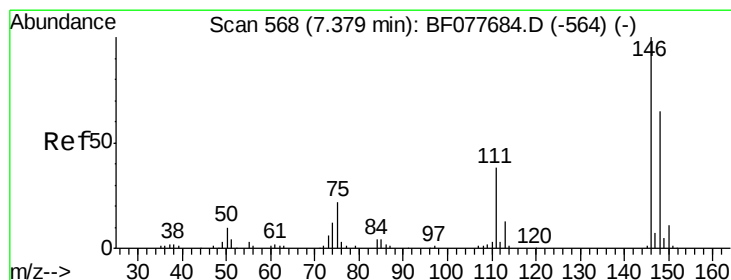
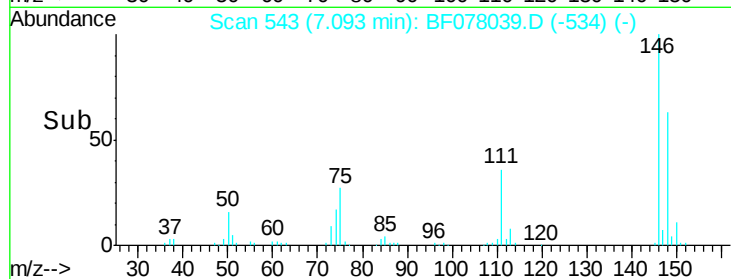
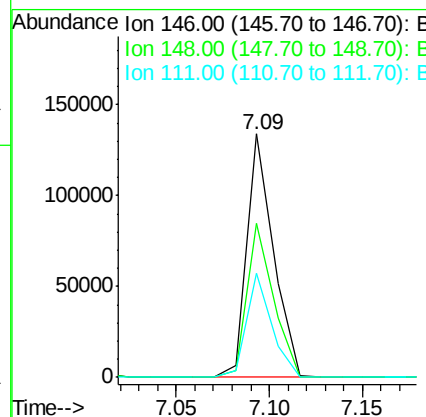
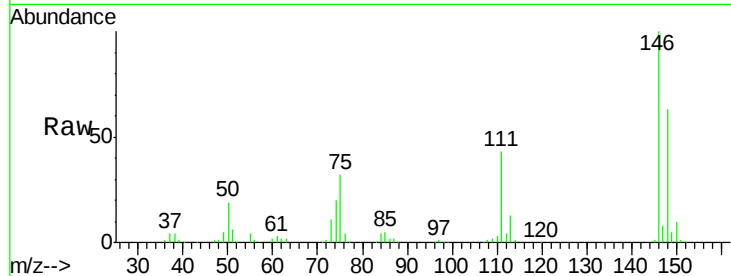




#13
 1,4-Dichlorobenzene
 Concen: 43.79 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

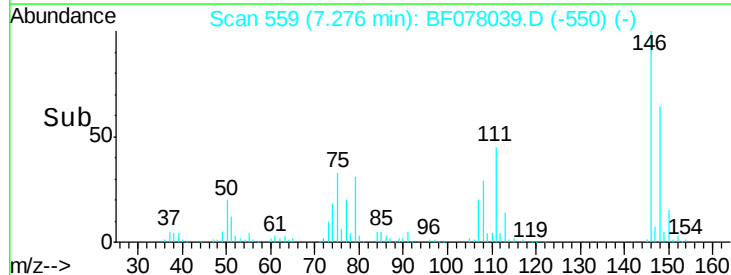
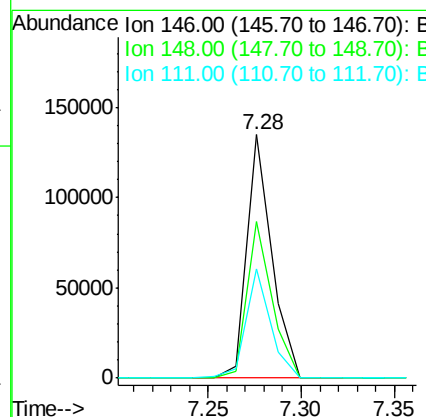
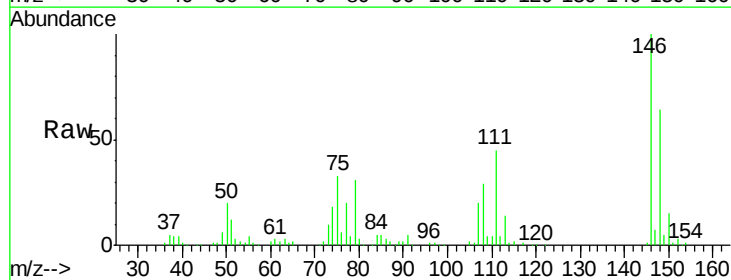
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

Tot Ion:146 Resp: 132388
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.9 77.9
 111 42.9 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 45.36 ng
 RT: 7.28 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion:146 Resp: 125728
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.3 78.5
 111 44.8 30.6 45.8

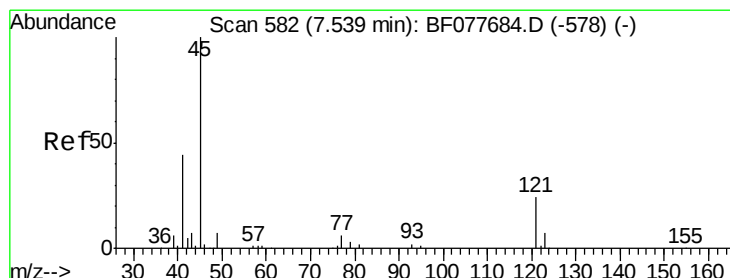
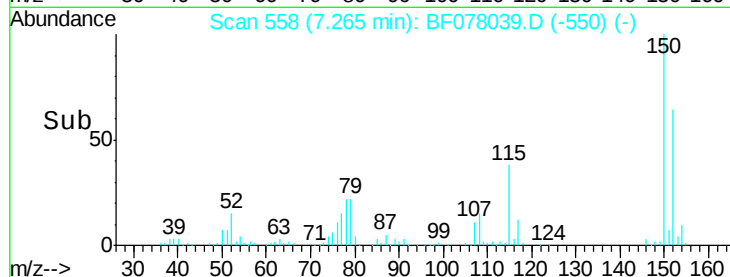
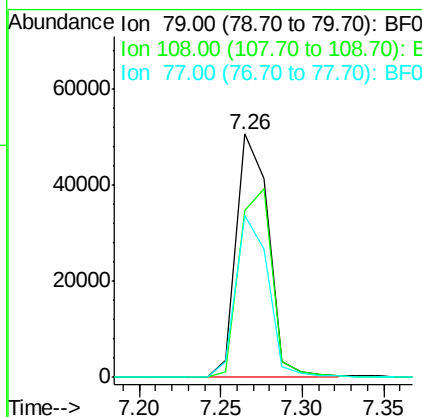
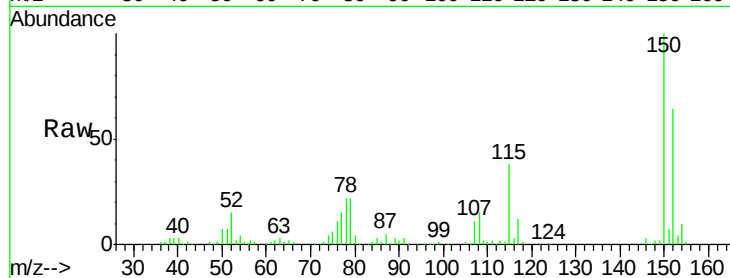




#15
Benzyl Alcohol
Concen: 32.64 ng
RT: 7.26 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

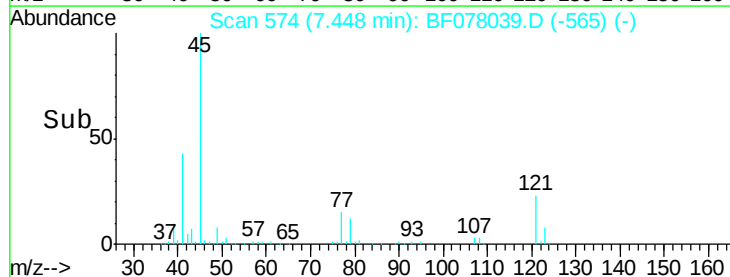
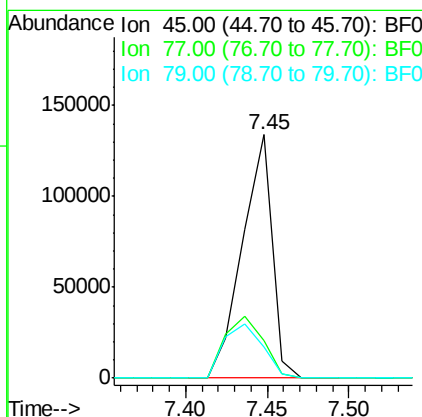
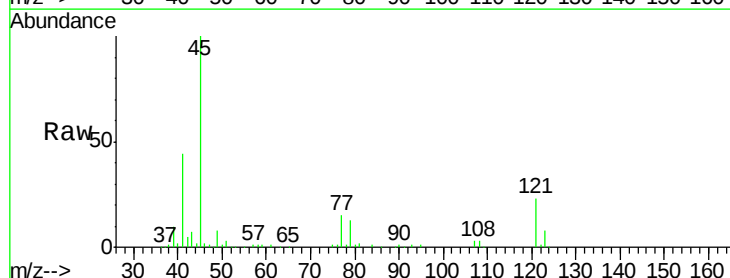
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

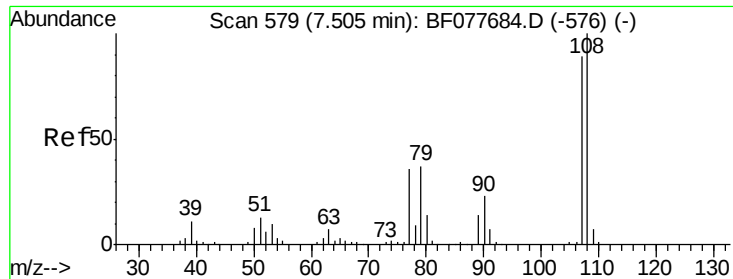
Tot Ion: 79 Resp: 69193
Ion Ratio Lower Upper
79 100
108 68.7 65.0 97.4
77 66.4 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.37 ng
RT: 7.45 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion: 45 Resp: 169687
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.2
79 12.7 0.0 32.0

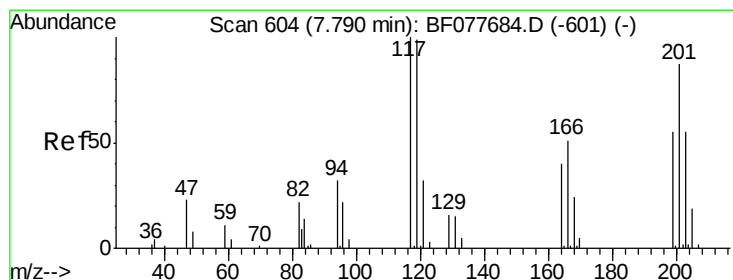
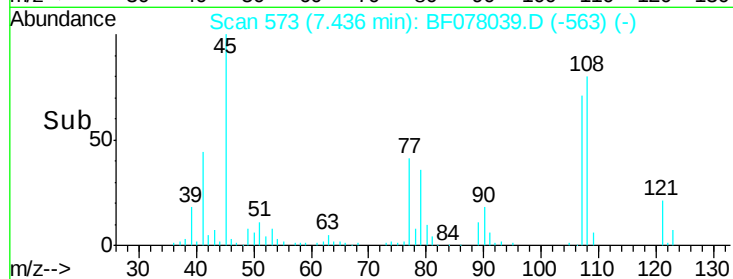
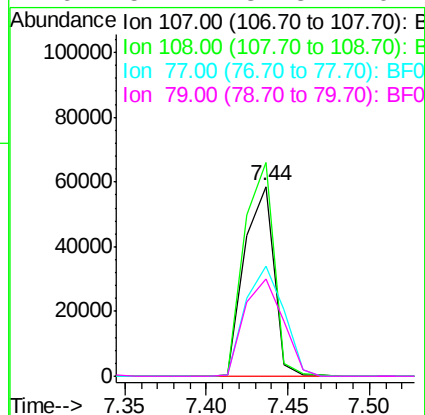
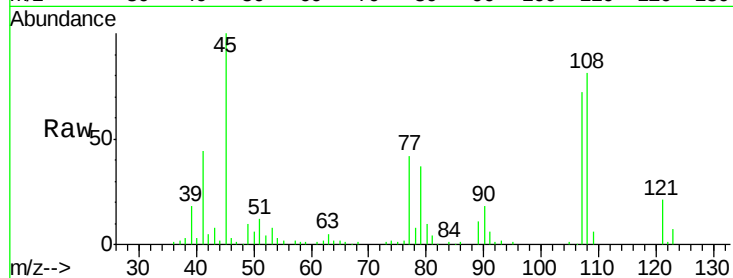




#17
2-Methylphenol
Concen: 34.40 ng
RT: 7.44 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

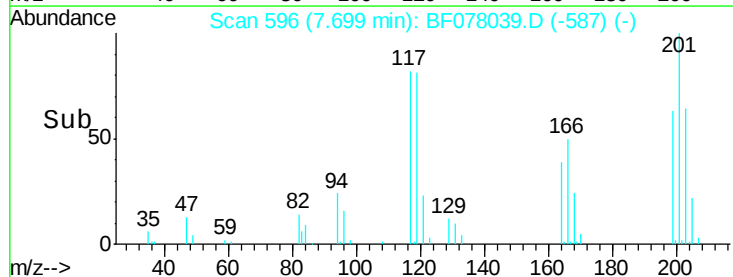
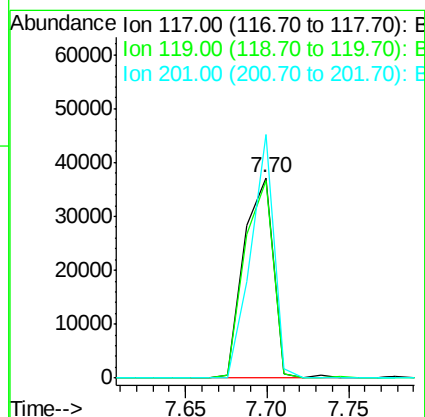
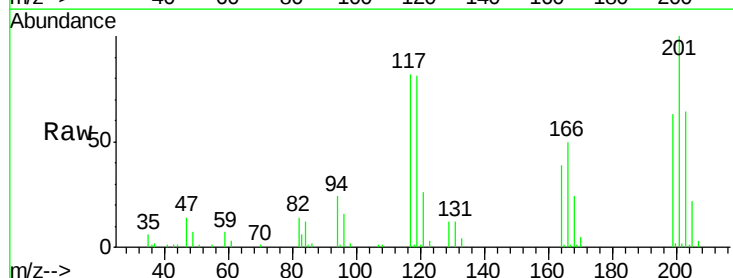
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

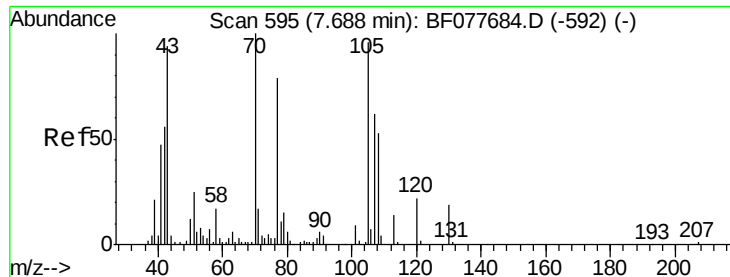
Tot Ion:107 Resp: 73253
Ion Ratio Lower Upper
107 100
108 112.7 89.8 134.8
77 58.4 32.6 48.8#
79 51.2 32.8 49.2#



#18
Hexachloroethane
Concen: 46.56 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion:117 Resp: 46167
Ion Ratio Lower Upper
117 100
119 98.4 79.2 118.8
201 121.6 69.8 104.6#

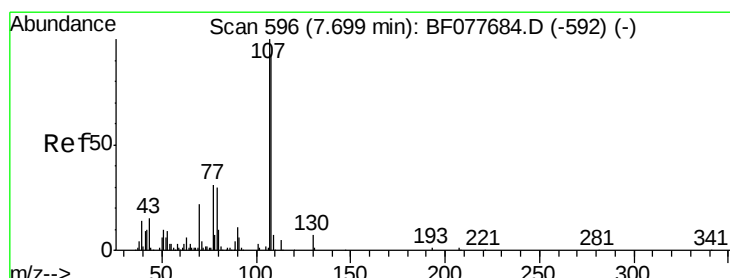
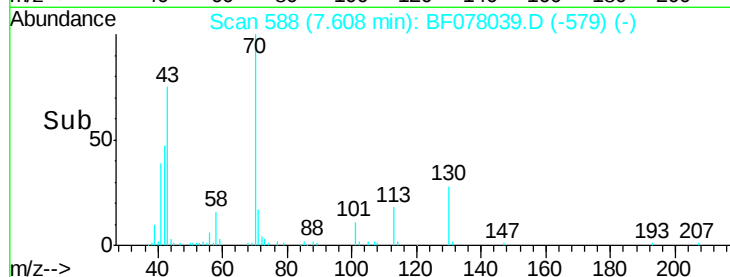
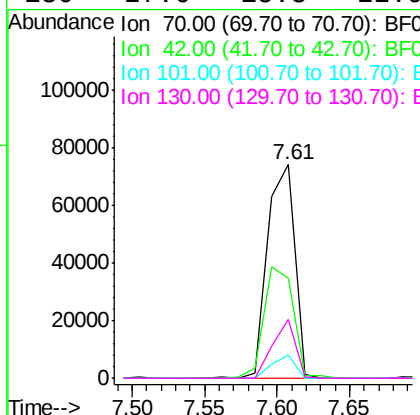
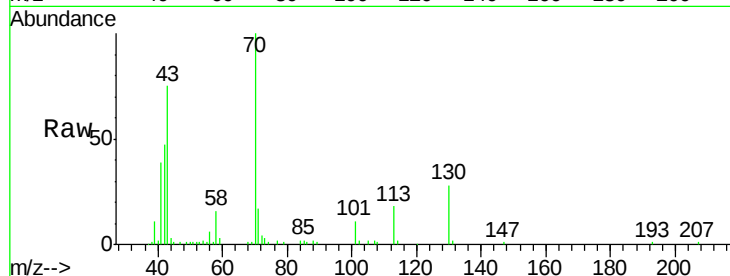




#19
n-Nitroso-di-n-propylamine
Concen: 51.25 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

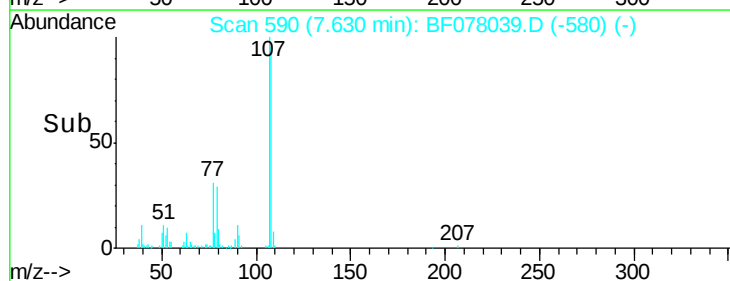
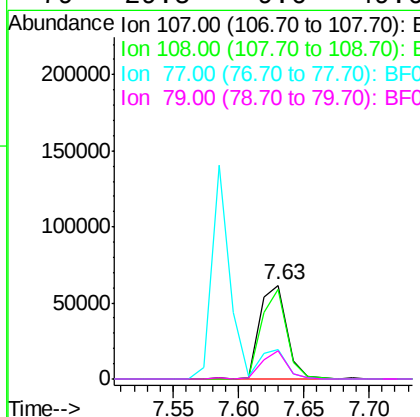
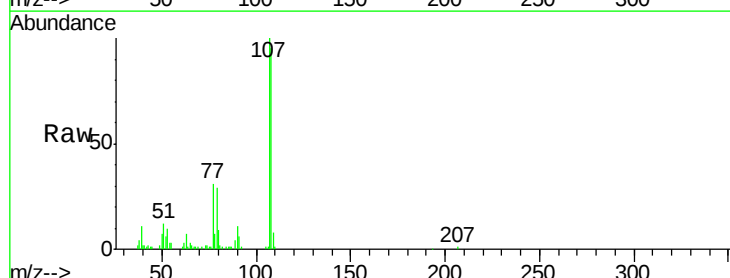
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

Tot Ion: 70 Resp: 96271
Ion Ratio Lower Upper
70 100
42 47.0 44.5 66.7
101 10.5 7.4 11.2
130 27.6 15.3 22.9#



#20
3+4-Methylphenols
Concen: 32.56 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion:107 Resp: 90994
Ion Ratio Lower Upper
107 100
108 95.2 73.2 113.2
77 31.5 10.7 50.7
79 29.5 9.6 49.6

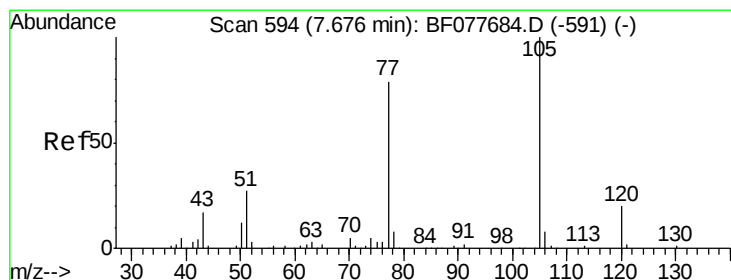
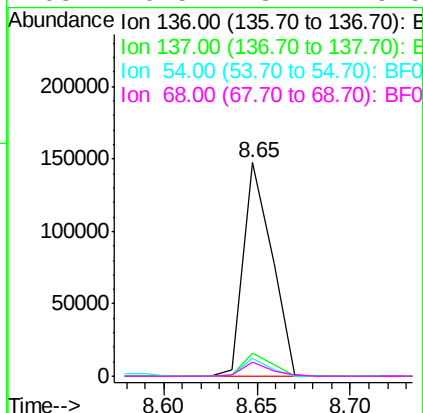
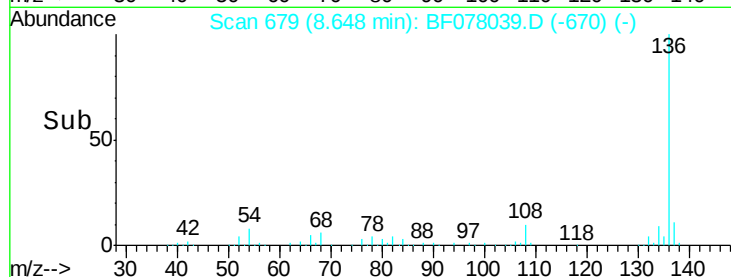
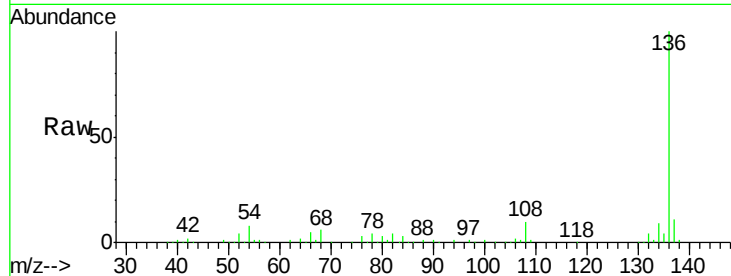




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

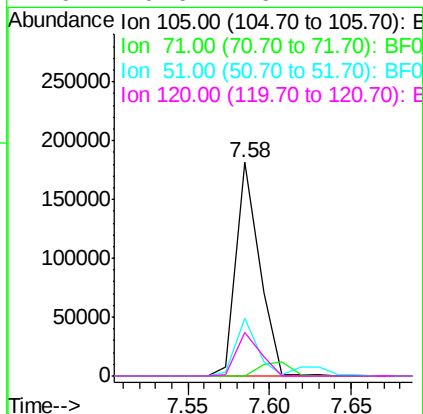
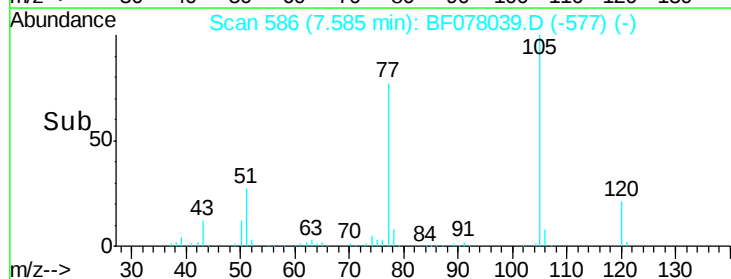
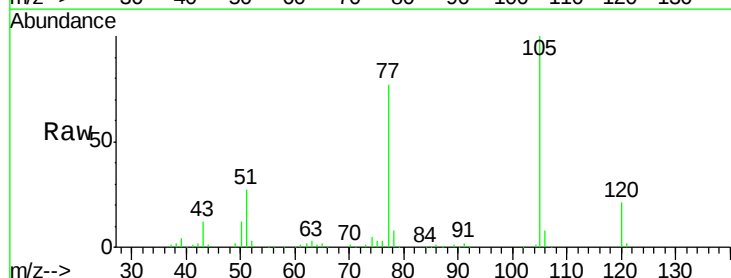
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

Tot Ion:136	Resp:	158214
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	8.2	4.6 6.8#
68	6.5	3.7 5.5#



#22
Acetophenone
Concen: 51.74 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion:105	Resp:	181224
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	26.9	21.6 32.4
120	20.6	16.1 24.1

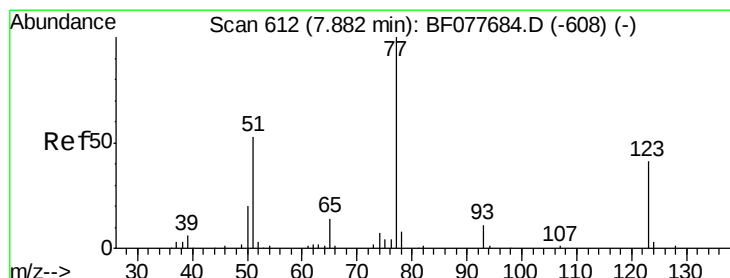
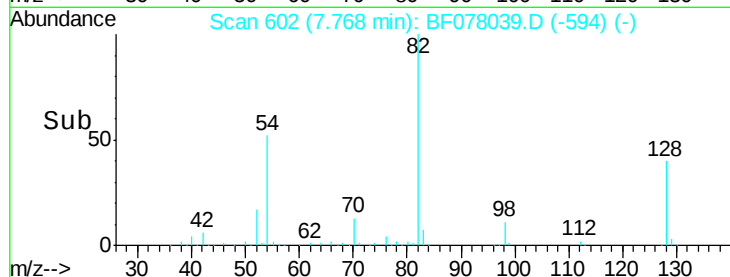
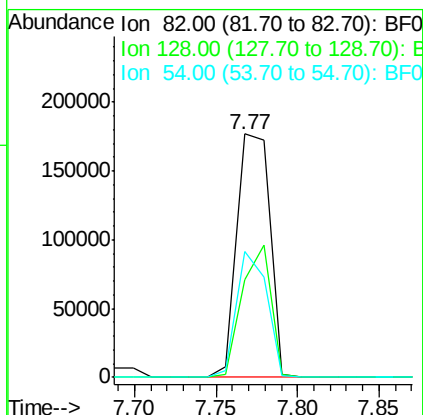
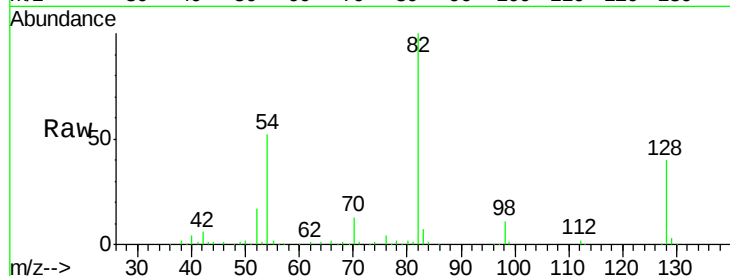




#23
 Nitrobenzene-d5
 Concen: 102.40 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

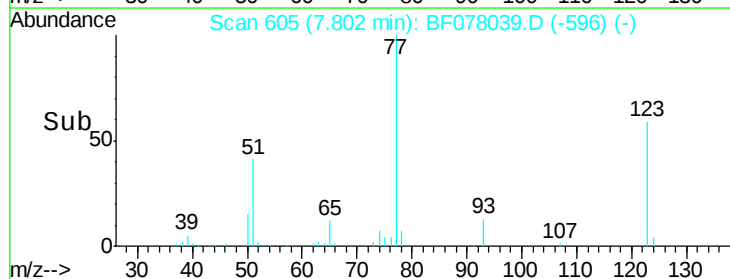
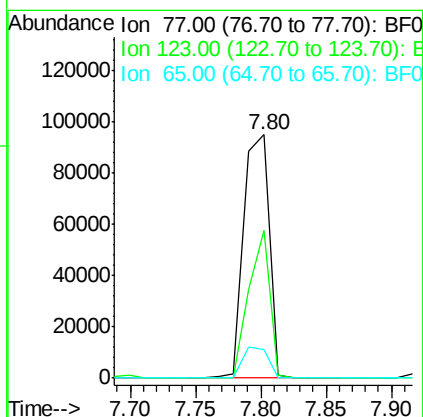
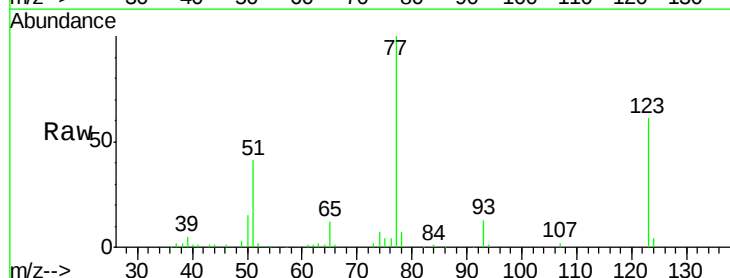
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

Tot Ion: 82 Resp: 247155
 Ion Ratio Lower Upper
 82 100
 128 40.1 32.8 49.2
 54 51.7 40.6 60.8



#24
 Nitrobenzene
 Concen: 49.74 ng
 RT: 7.80 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion: 77 Resp: 129326
 Ion Ratio Lower Upper
 77 100
 123 60.8 32.6 49.0#
 65 11.9 10.9 16.3





#25

Isophorone

Concen: 52.50 ng

RT: 8.10 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

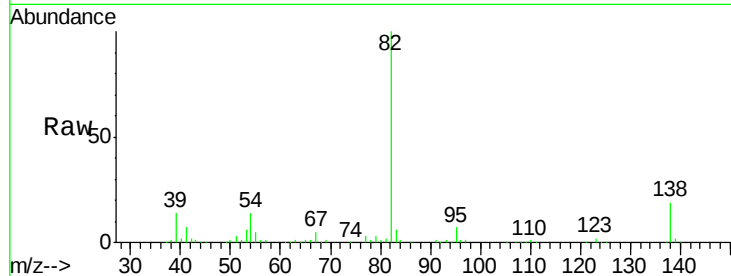
Tot Ion: 82 Resp: 255923

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

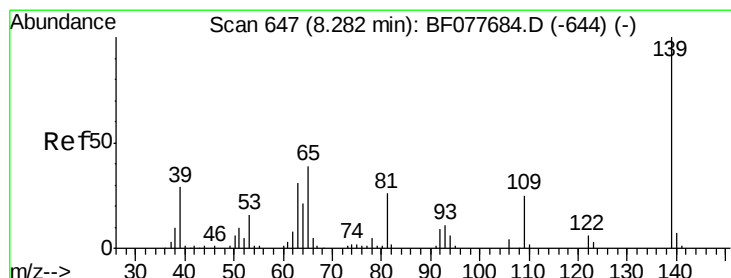
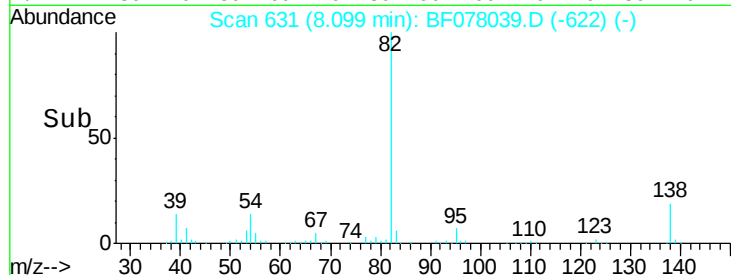
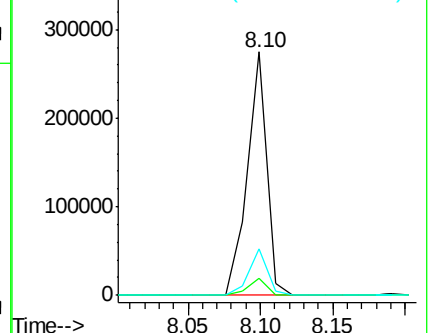
138 19.0 16.3 24.5



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: 53.99 ng

RT: 8.19 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

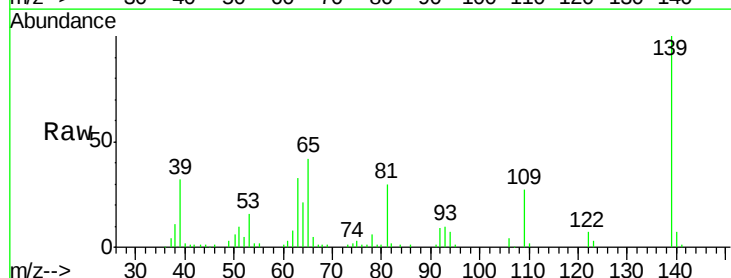
Tgt Ion: 139 Resp: 68733

Ion Ratio Lower Upper

139 100

109 26.5 20.1 30.1

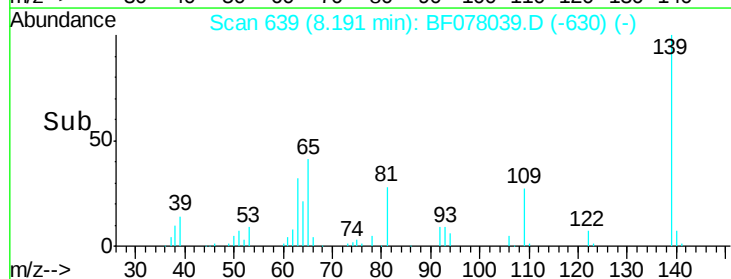
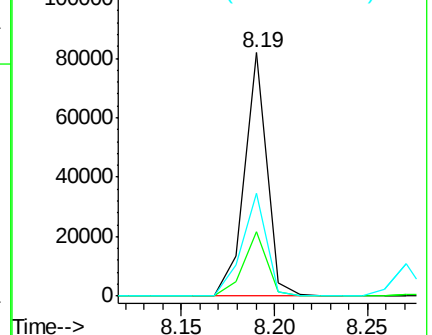
65 42.0 31.5 47.3

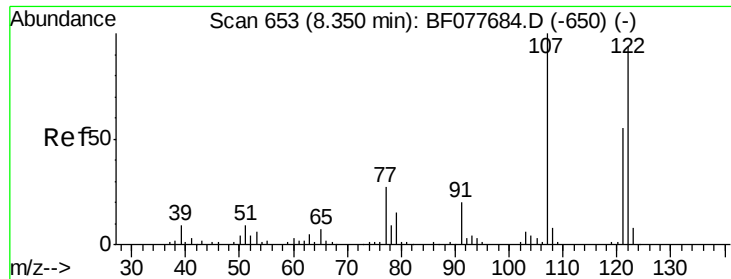


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.92 ng

RT: 8.27 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

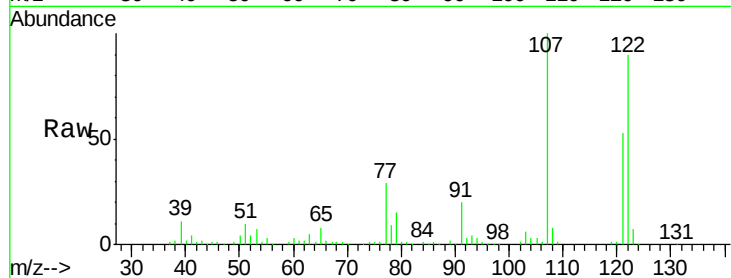
Tot Ion:122 Resp: 108810

Ion Ratio Lower Upper

122 100

107 110.5 84.7 127.1

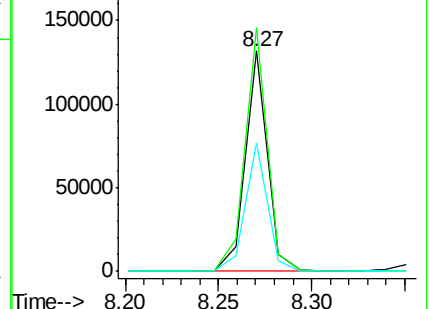
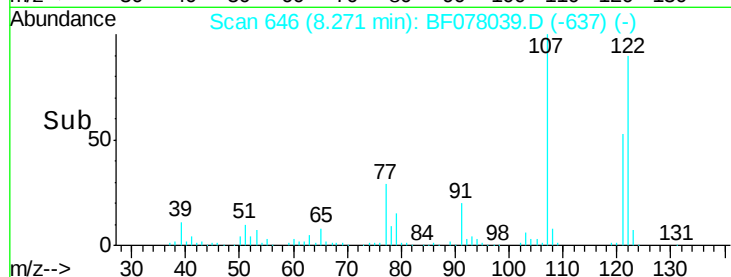
121 58.3 46.6 69.8



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: 54.40 ng

RT: 8.38 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

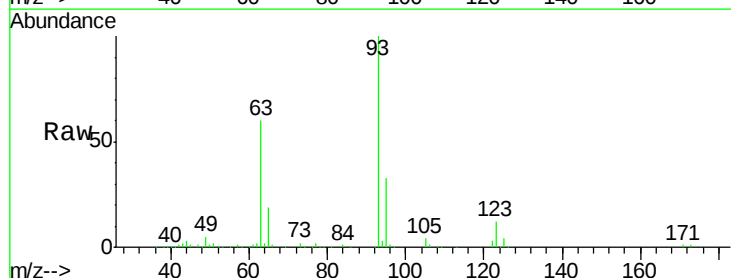
Tgt Ion: 93 Resp: 160938

Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

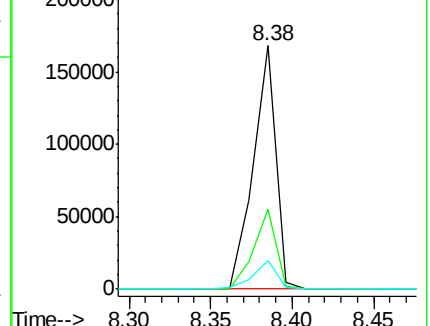
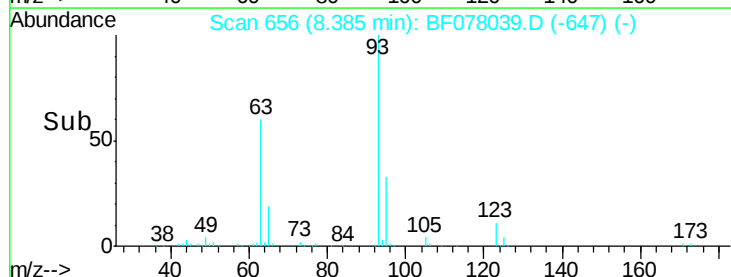
123 11.9 8.6 13.0

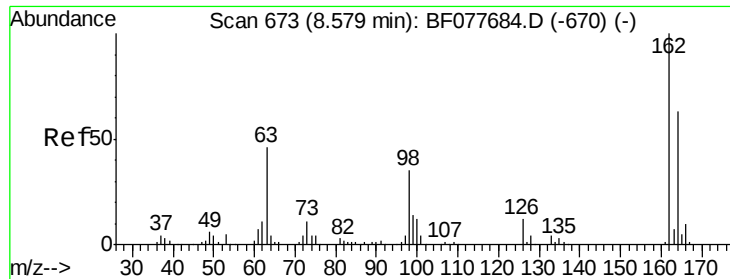


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

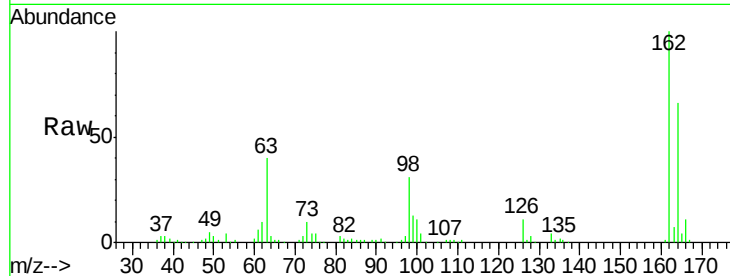




#29
 2,4-Dichlorophenol
 Concen: 49.06 ng
 RT: 8.50 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	42.8	82.8
98	31.2	14.5	54.5

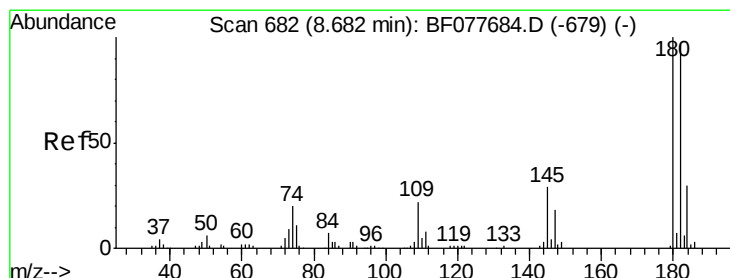
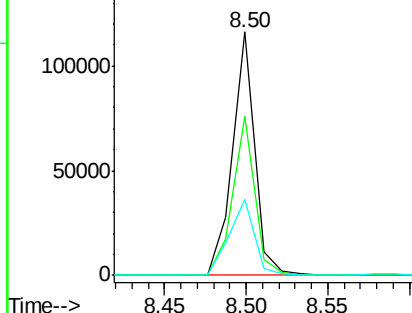
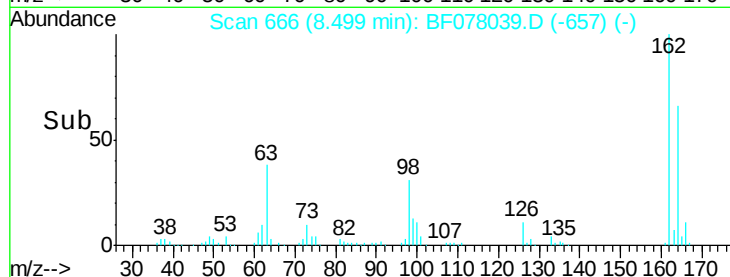


Abundance

Ion 162.00 (161.70 to 162.70): E

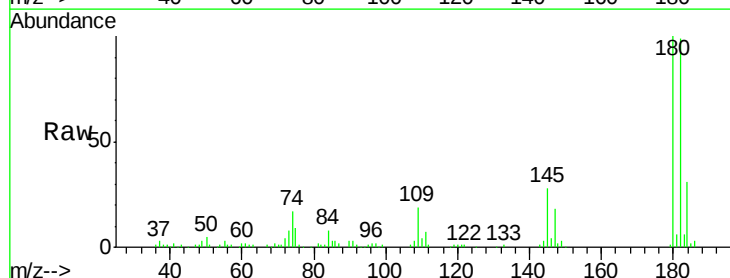
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 47.01 ng
 RT: 8.59 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	77.6	116.4
145	27.7	23.4	35.2

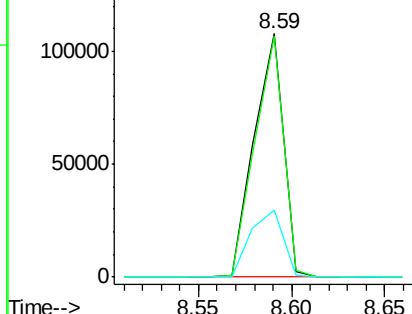
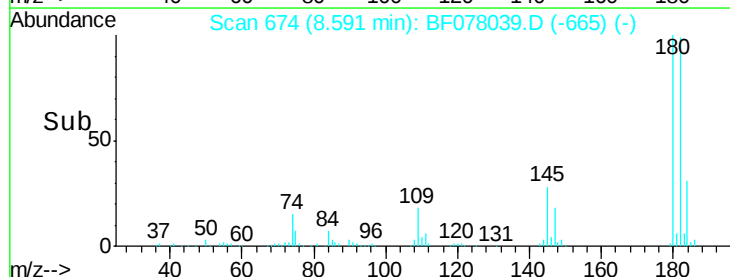


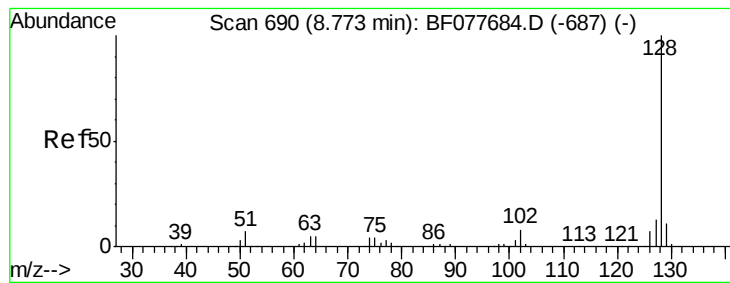
Abundance

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: 47.77 ng

RT: 8.68 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

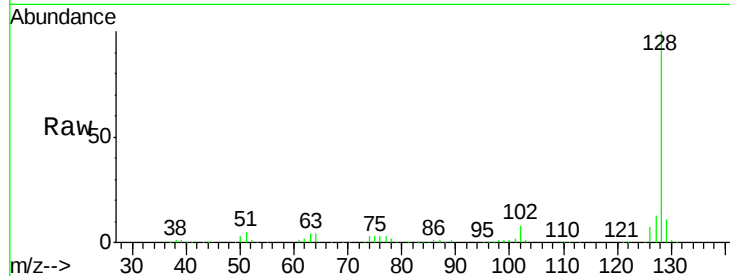
Tot Ion:128 Resp: 388191

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

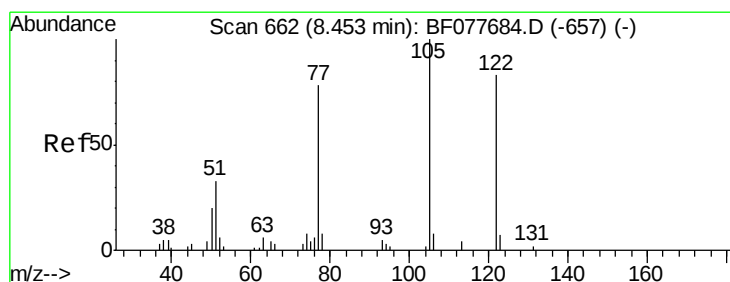
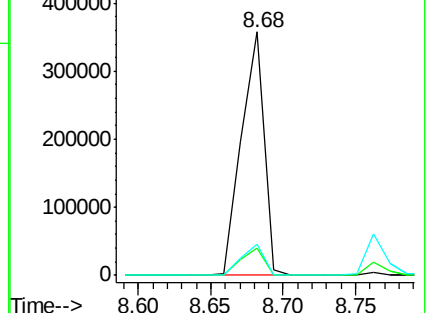
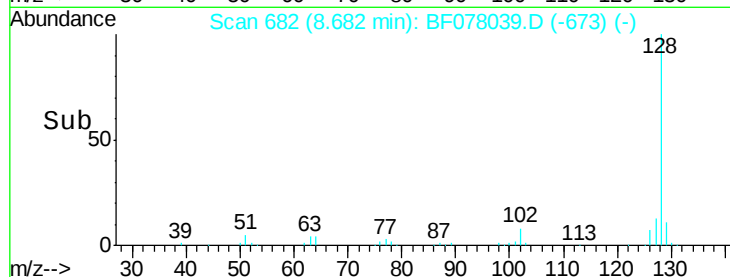
127 12.9 10.4 15.6



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: 21.54 ng

RT: 8.37 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

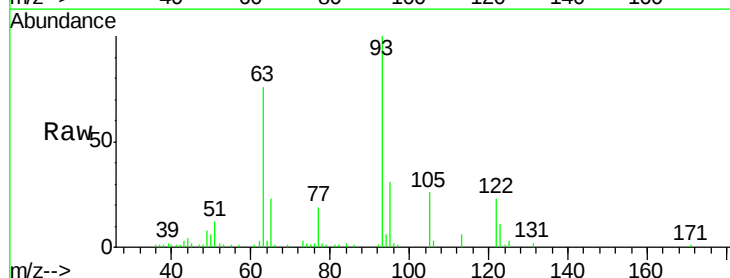
Tgt Ion:122 Resp: 25506

Ion Ratio Lower Upper

122 100

105 114.8 99.9 139.9

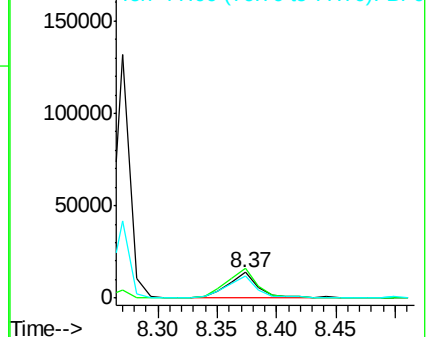
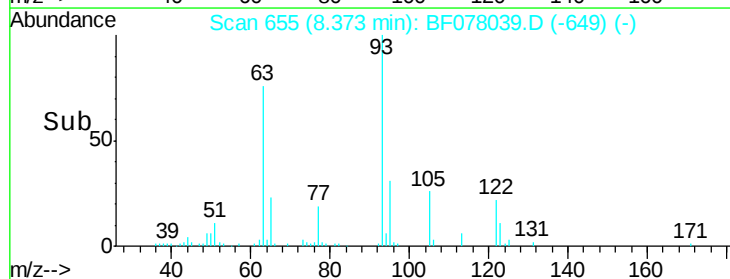
77 84.9 73.7 113.7



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

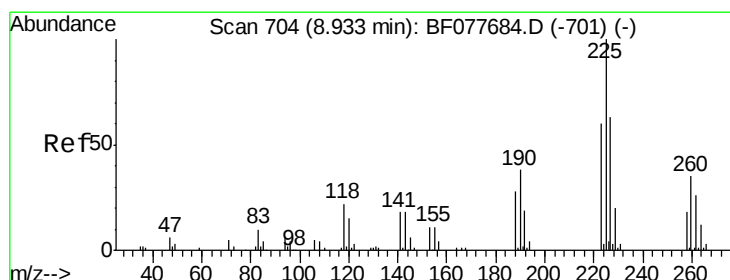
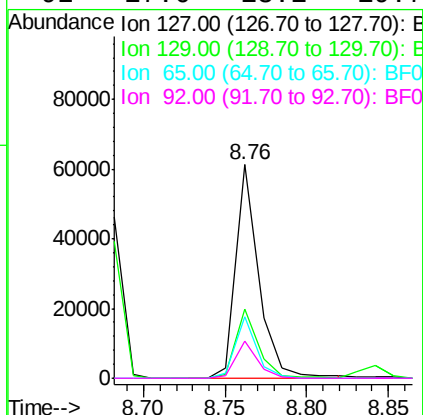
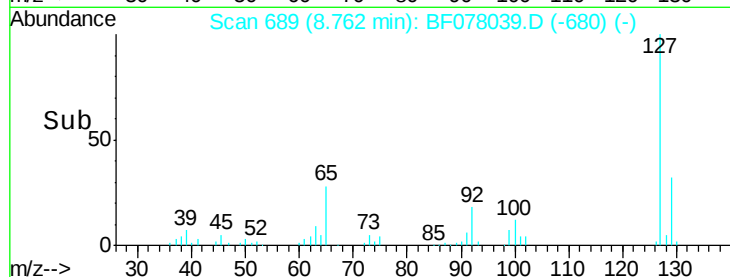
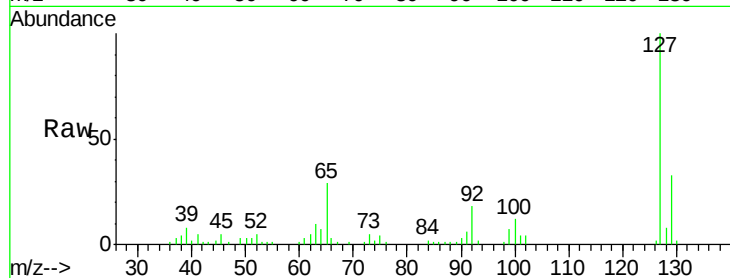




#33
4-Chloroaniline
Concen: 18.07 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

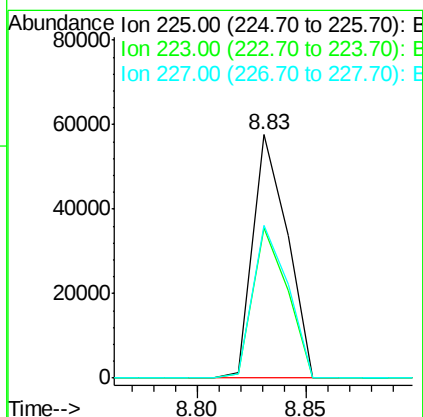
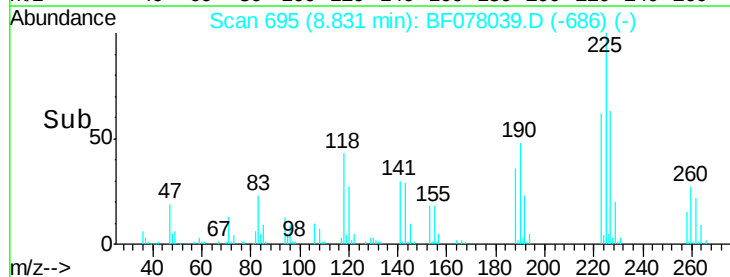
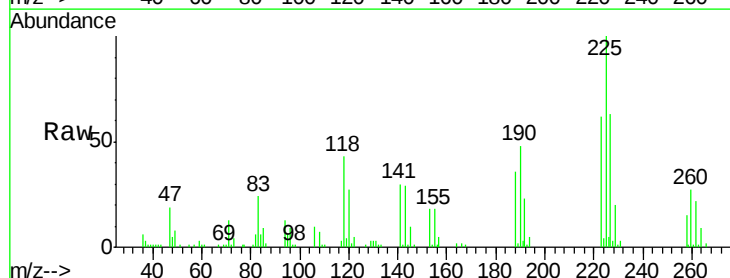
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

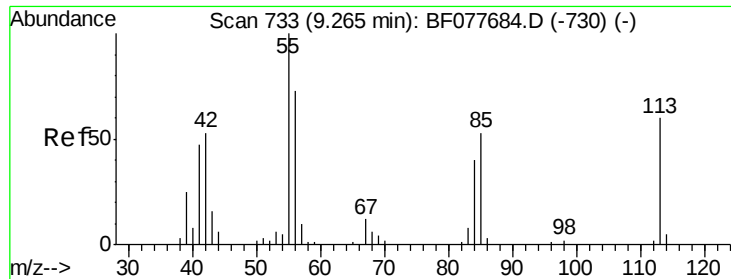
Tot Ion:	127	Resp:	59591
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9
65	28.7	17.6	26.4
92	17.6	13.1	19.7



#34
Hexachlorobutadiene
Concen: 45.44 ng
RT: 8.83 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion:	225	Resp:	63709
Ion	Ratio	Lower	Upper
225	100		
223	61.5	47.9	71.9
227	62.8	50.1	75.1

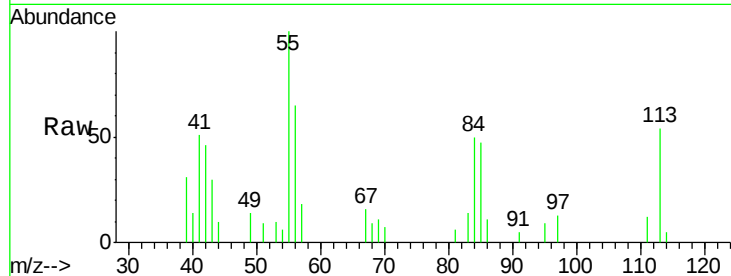




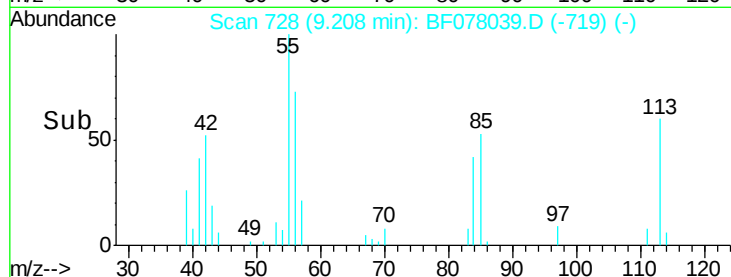
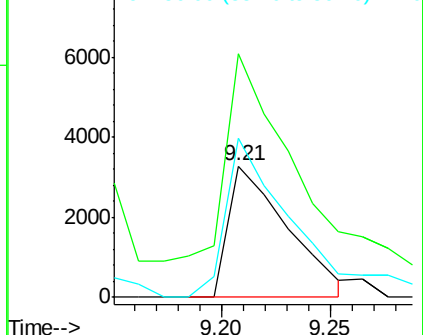
#35
 Caprolactam
 Concen: 9.57 ng
 RT: 9.21 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

Tot Ion:113 Resp: 6183
 Ion Ratio Lower Upper
 113 100
 55 185.7 145.9 185.9
 56 121.1 101.0 141.0

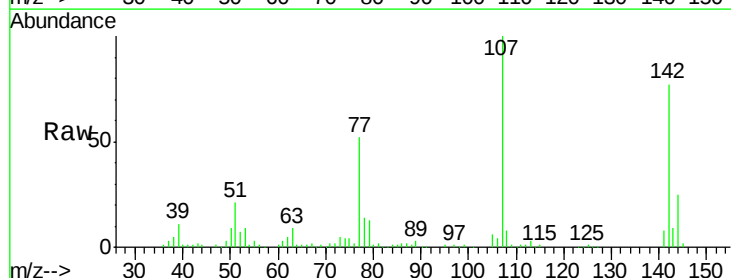


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

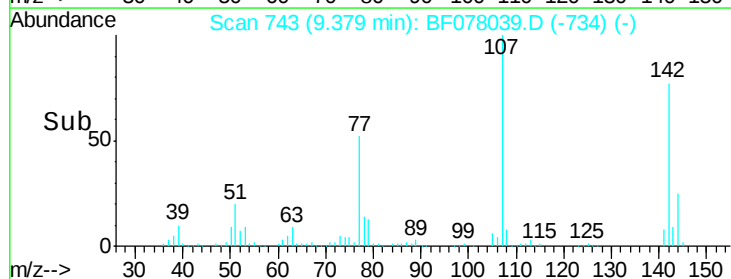
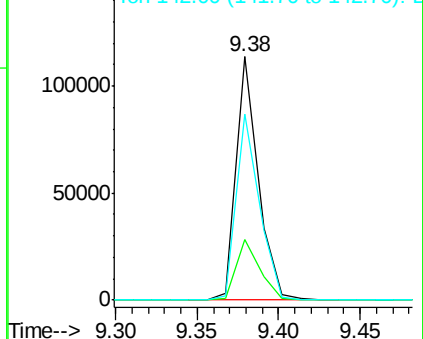


#36
 4-Chloro-3-methylphenol
 Concen: 47.73 ng
 RT: 9.38 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion:107 Resp: 106155
 Ion Ratio Lower Upper
 107 100
 144 24.7 23.3 34.9
 142 76.6 72.6 109.0



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





#37

2-Methylnaphthalene

Concen: 51.59 ng

RT: 9.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

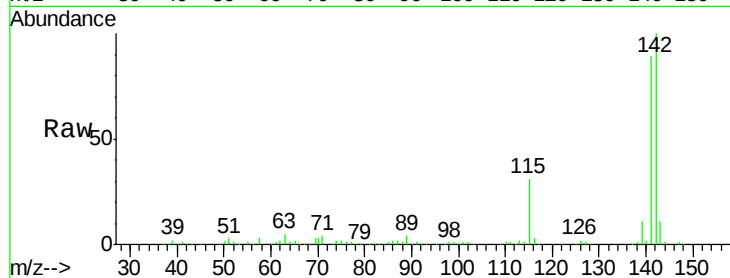
Tot Ion:142 Resp: 281601

Ion Ratio Lower Upper

142 100

141 89.1 71.9 107.9

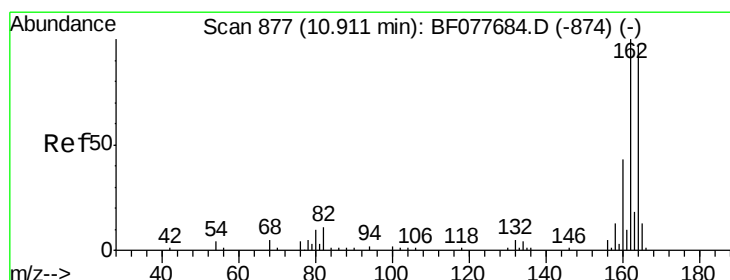
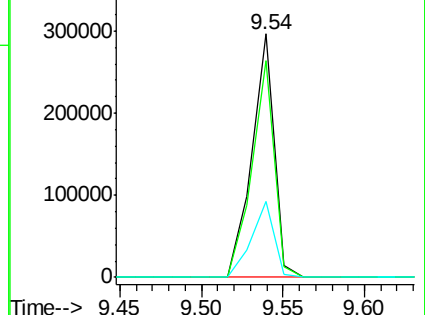
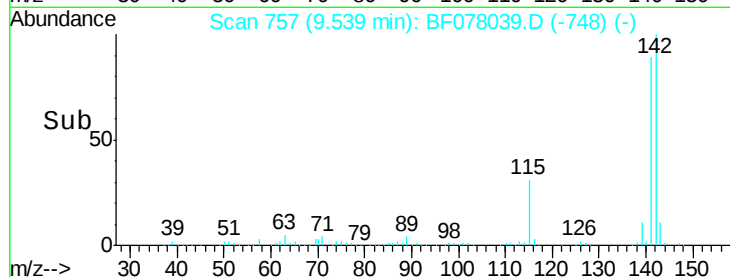
115 31.2 25.4 38.0



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: BF078039.D

Acq: 27 Mar 2015 16:24

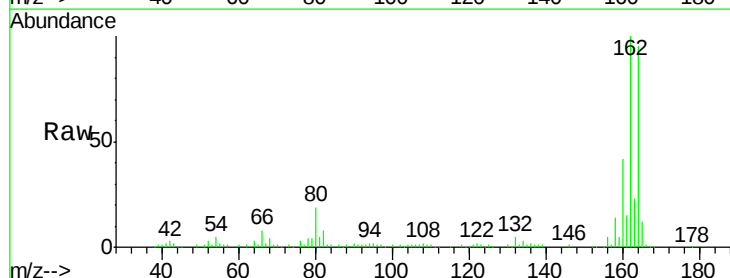
Tgt Ion:164 Resp: 81876

Ion Ratio Lower Upper

164 100

162 104.9 82.4 123.6

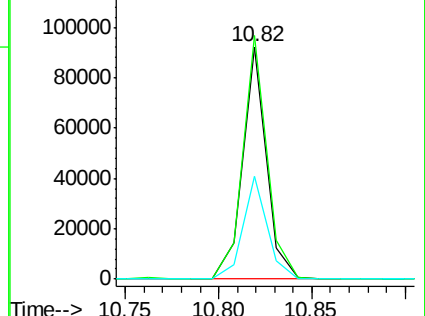
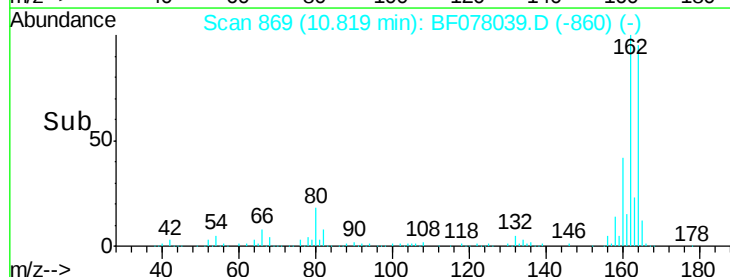
160 44.5 35.8 53.6



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

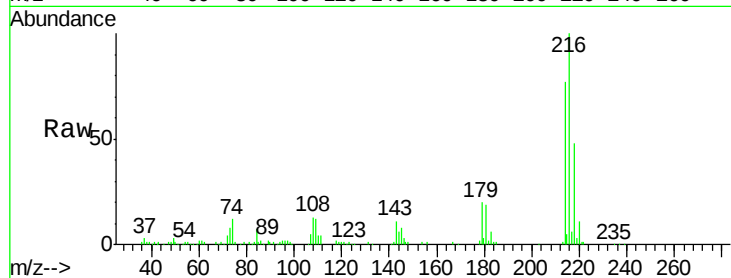




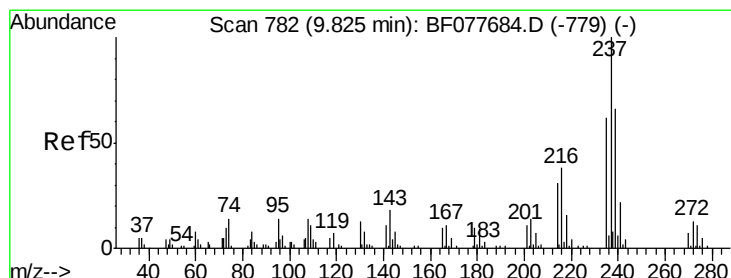
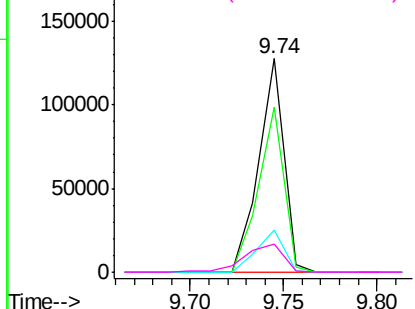
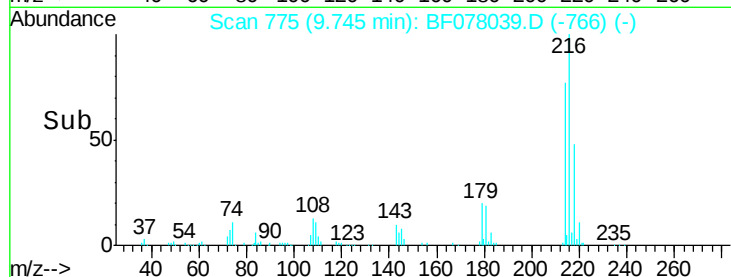
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.79 ng
 RT: 9.74 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

Tot Ion:216	Resp:	119141
Ion Ratio	Lower	Upper
216	100	
214	78.1	0.0 0.0#
179	21.1	0.0 0.0#
108	20.7	0.0 0.0#

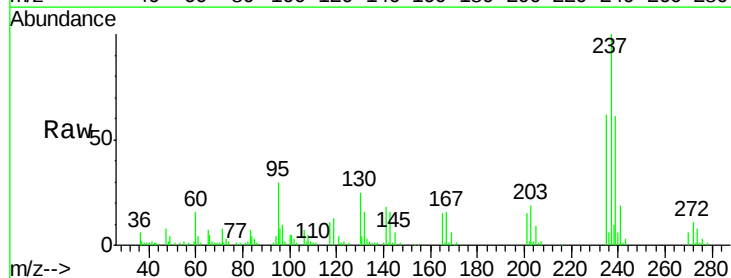


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

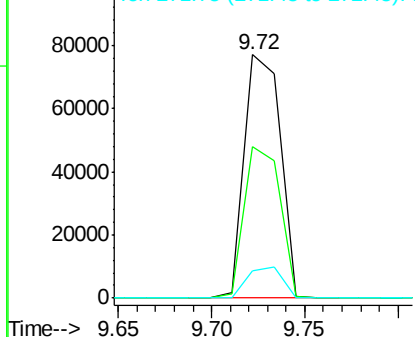
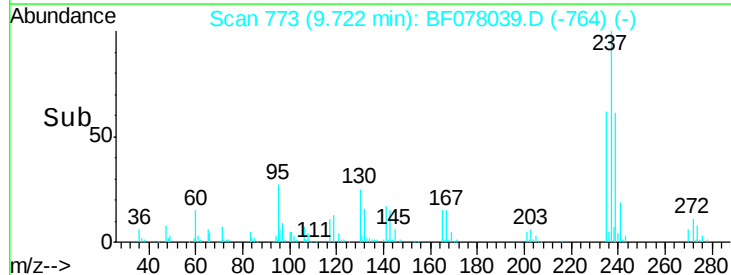


#40
 Hexachlorocyclopentadiene
 Concen: 84.21 ng
 RT: 9.72 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion:237	Resp:	103160
Ion Ratio	Lower	Upper
237	100	
235	62.1	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

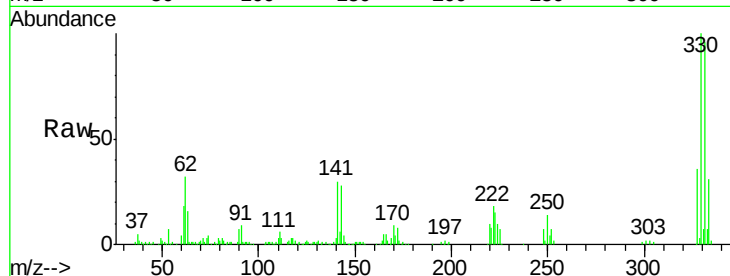




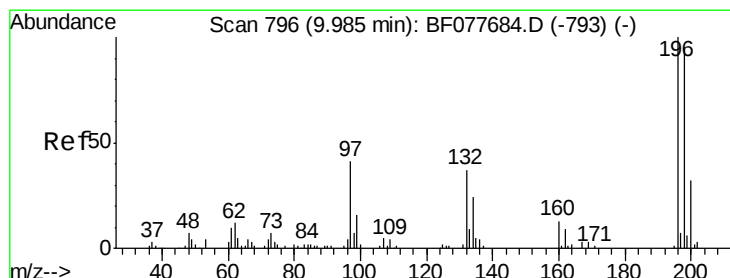
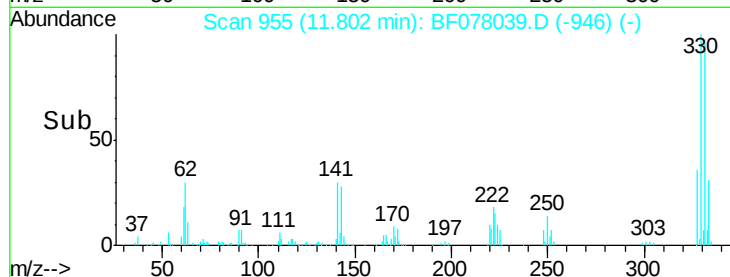
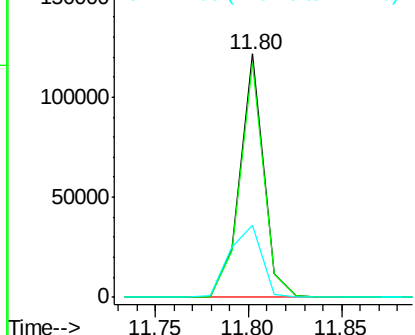
#41
 2,4,6-Tribromophenol
 Concen: 139.44 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	40.5	0.0	0.0#

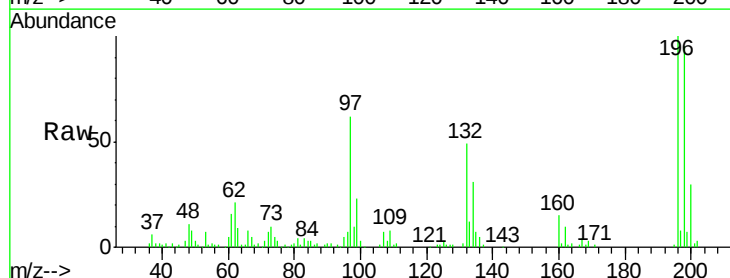


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

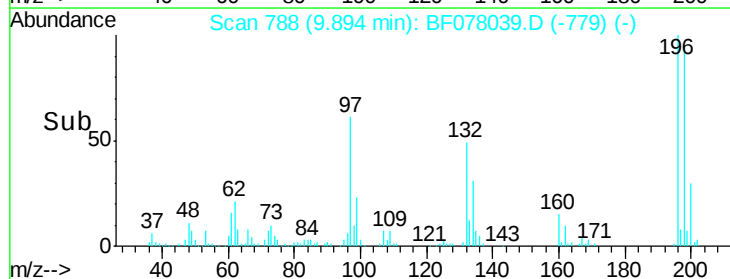
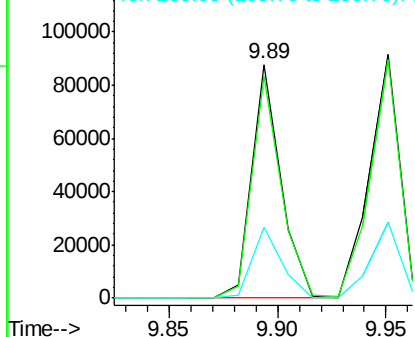


#42
 2,4,6-Trichlorophenol
 Concen: 48.65 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.3	114.5
200	30.3	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

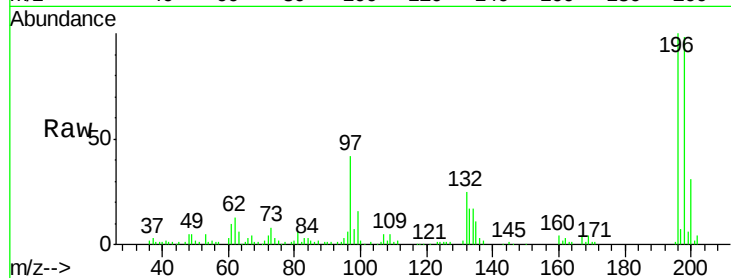




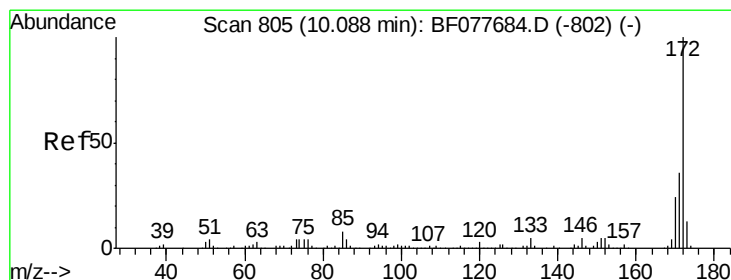
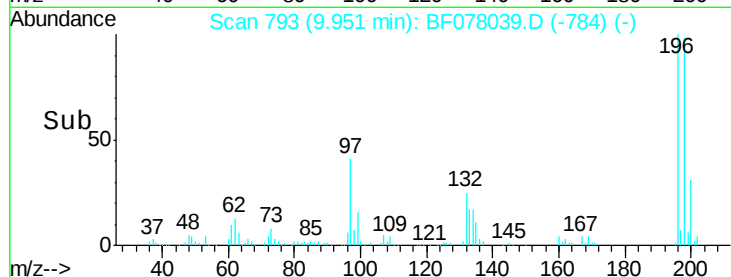
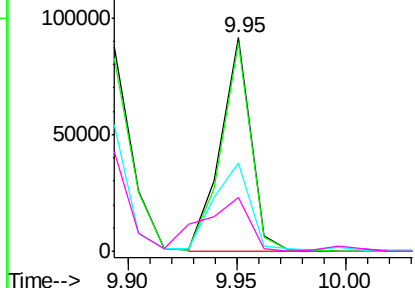
#43
 2,4,5-Trichlorophenol
 Concen: 48.65 ng
 RT: 9.95 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

Tot Ion:196	Resp:	88901
Ion Ratio	Lower	Upper
196	100	
198	97.8	79.4 119.0
97	41.6	26.8 40.2#
132	25.4	18.6 28.0

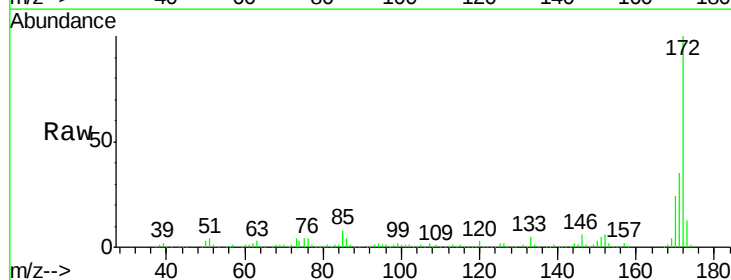


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

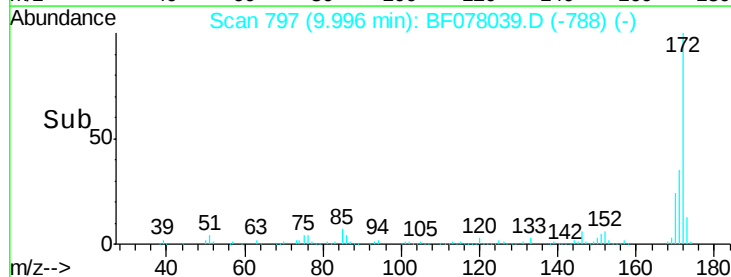
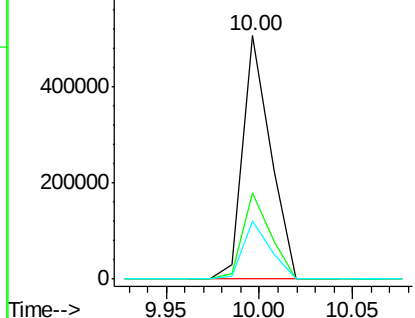


#44
 2-Fluorobiphenyl
 Concen: 93.62 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion:172	Resp:	521589
Ion Ratio	Lower	Upper
172	100	
171	35.5	28.5 42.7
170	23.7	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

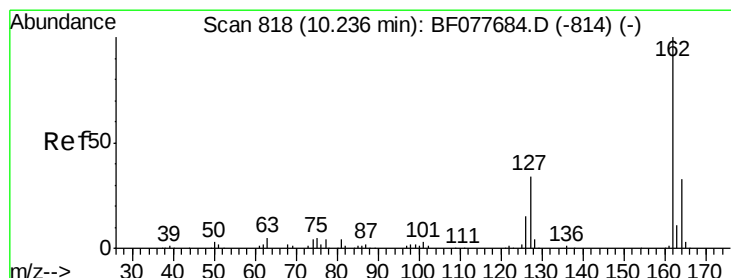
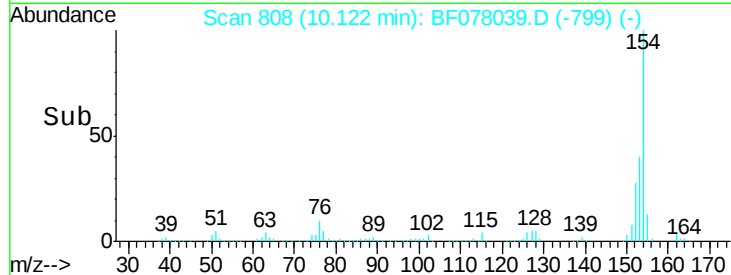
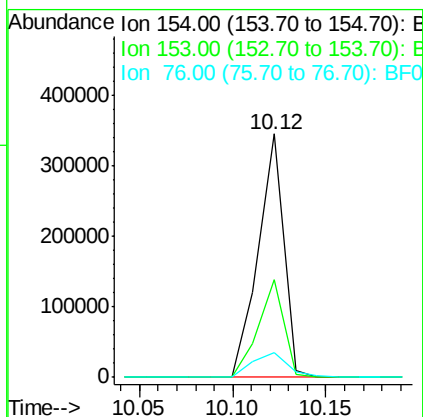
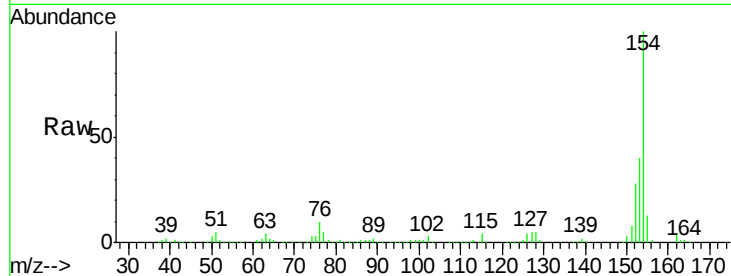




#45
1,1'-Biphenyl
Concen: 49.95 ng
RT: 10.12 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

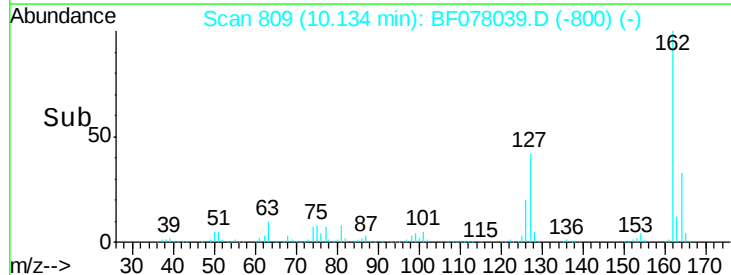
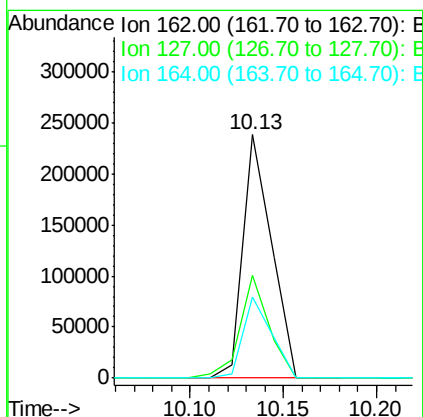
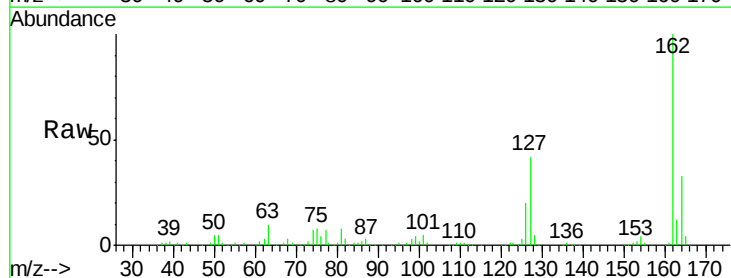
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

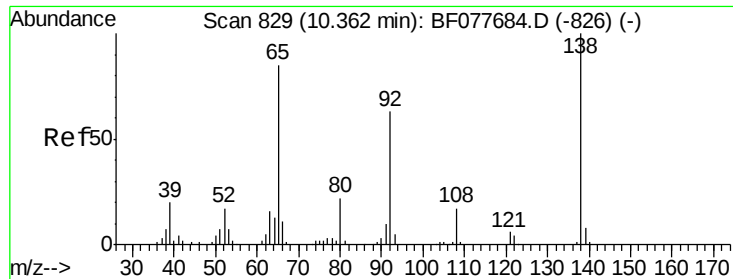
Tot Ion:154 Resp: 326947
Ion Ratio Lower Upper
154 100
153 40.0 20.7 60.7
76 10.3 0.0 30.9



#46
2-Chloronaphthalene
Concen: 47.67 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion:162 Resp: 253558
Ion Ratio Lower Upper
162 100
127 42.2 26.9 40.3#
164 33.1 26.8 40.2

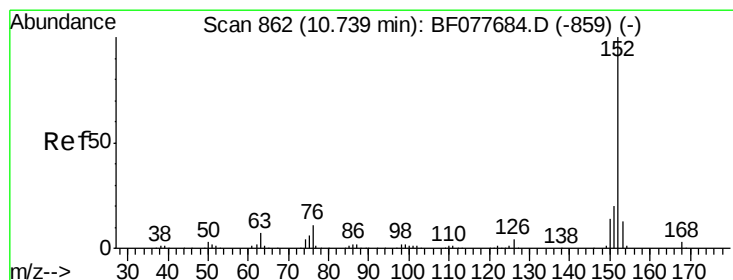
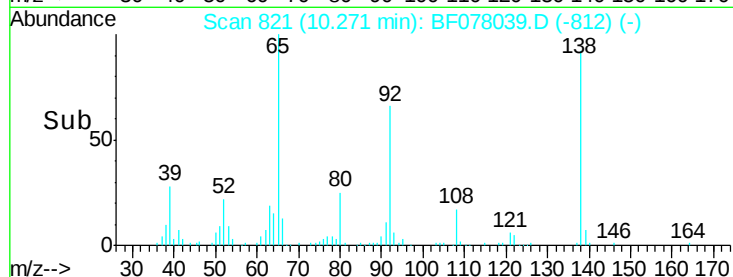
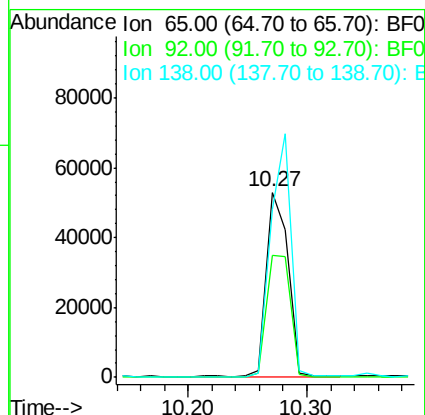
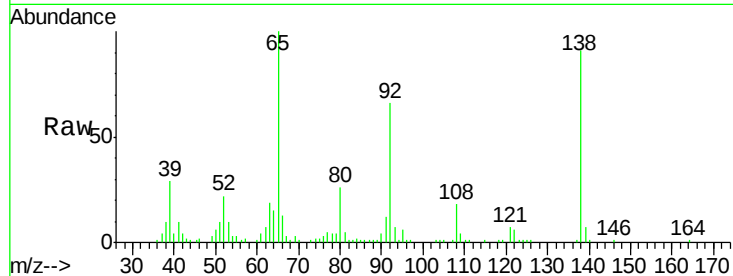




#47
2-Nitroaniline
Concen: 52.56 ng
RT: 10.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

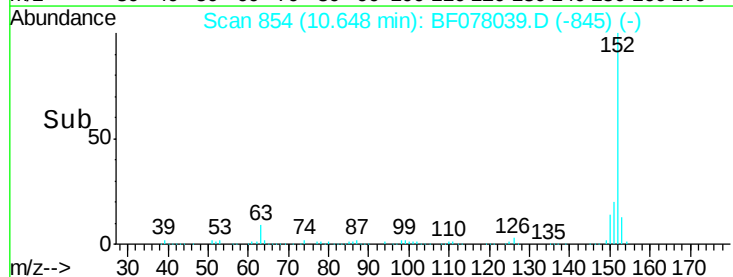
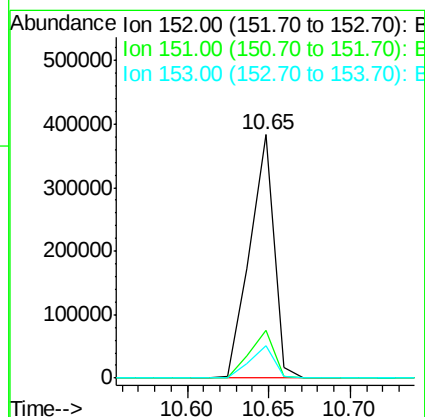
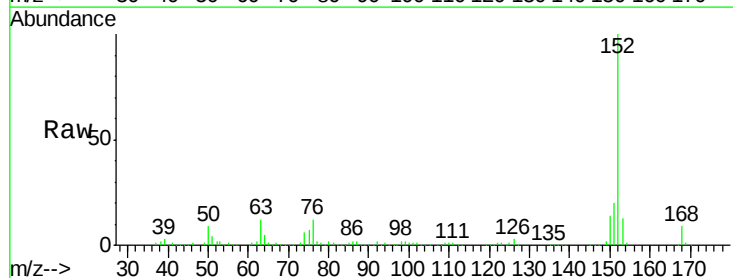
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

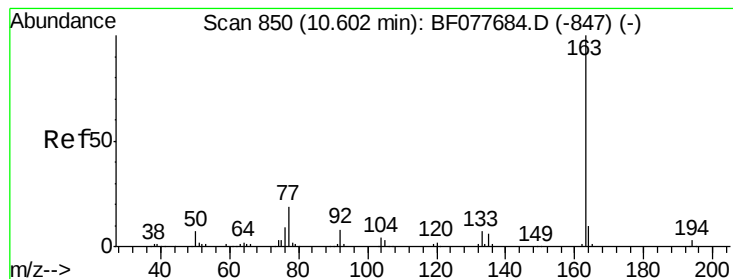
Tot Ion: 65 Resp: 69434
Ion Ratio Lower Upper
65 100
92 66.0 59.1 88.7
138 91.1 93.9 140.9#



#48
Acenaphthylene
Concen: 44.66 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion: 152 Resp: 395041
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 49.69 ng

RT: 10.51 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

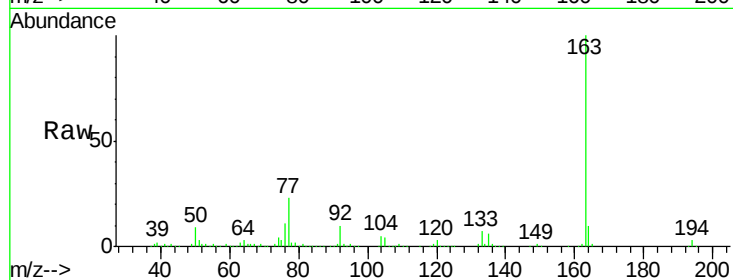
Tot Ion:163 Resp: 301763

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

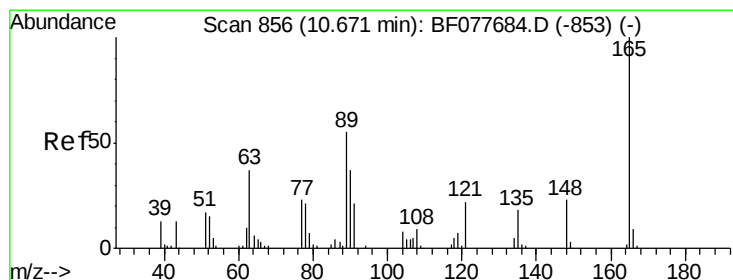
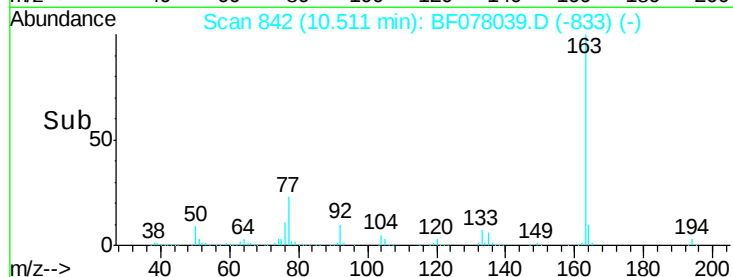
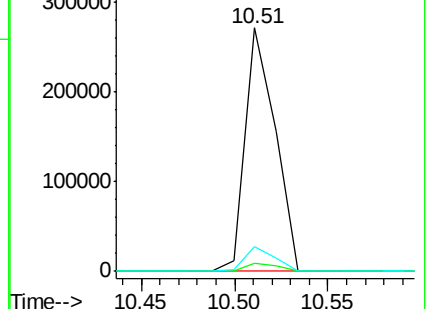
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.75 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

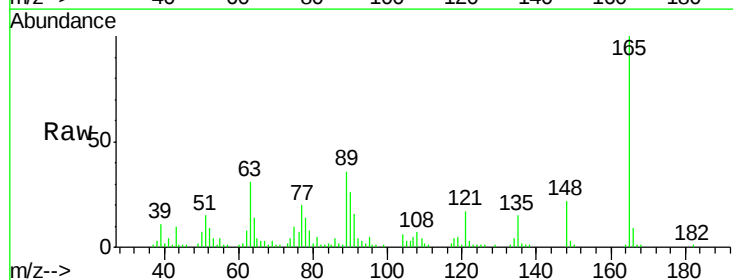
Tgt Ion:165 Resp: 66405

Ion Ratio Lower Upper

165 100

63 31.0 44.1 66.1#

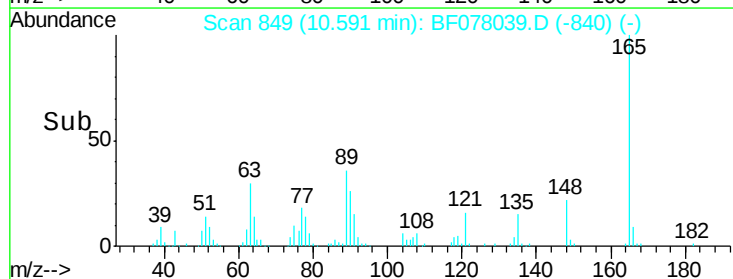
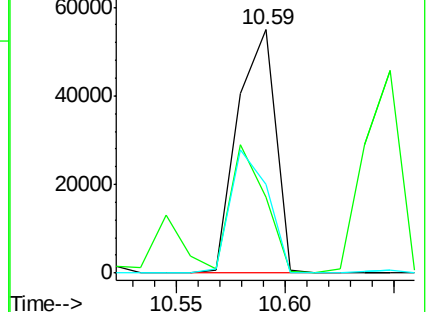
89 36.3 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

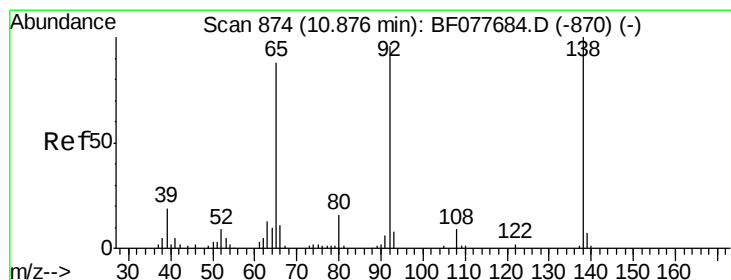
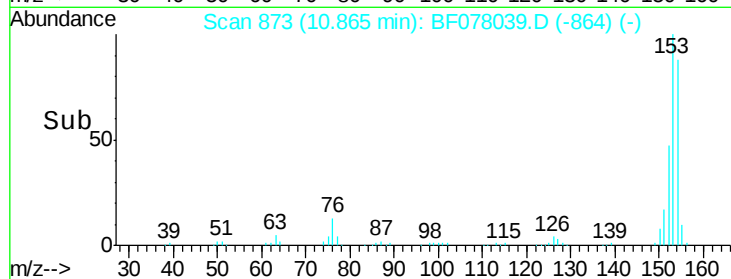
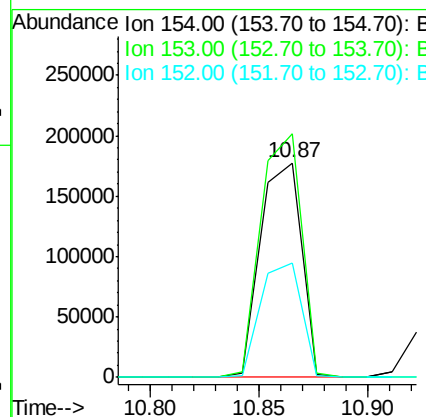
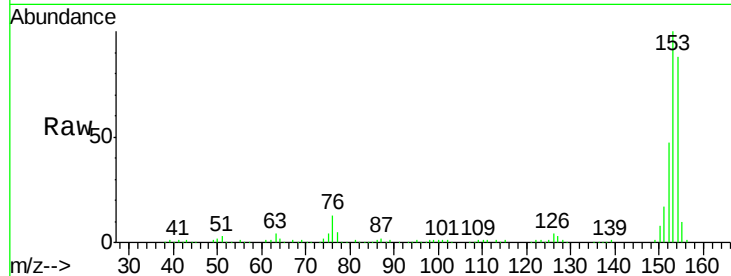




#51
Acenaphthene
Concen: 46.77 ng
RT: 10.87 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

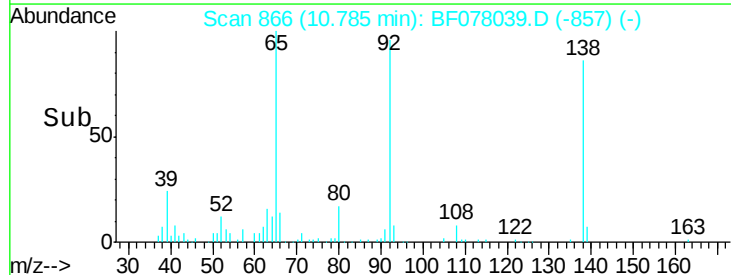
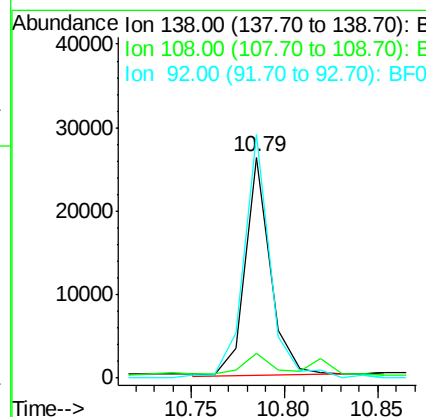
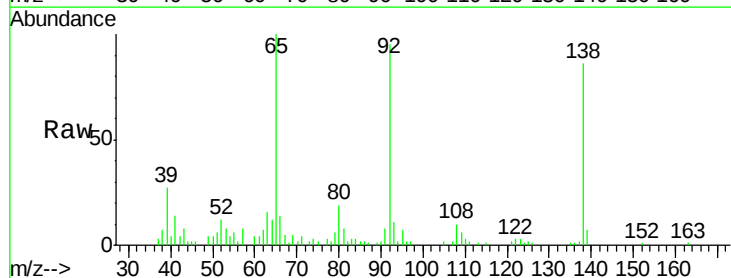
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

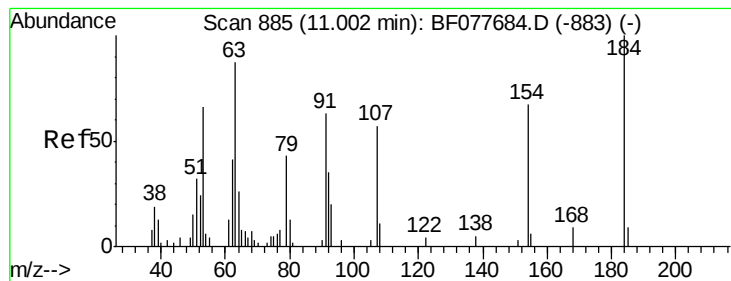
Tot Ion:154 Resp: 237199
Ion Ratio Lower Upper
154 100
153 113.4 90.0 135.0
152 53.3 42.6 63.8



#52
3-Nitroaniline
Concen: 16.93 ng
RT: 10.79 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion:138 Resp: 24755
Ion Ratio Lower Upper
138 100
108 11.4 7.3 10.9#
92 110.2 76.6 114.8





#53

2,4-Dinitrophenol

Concen: 112.19 ng

RT: 10.92 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

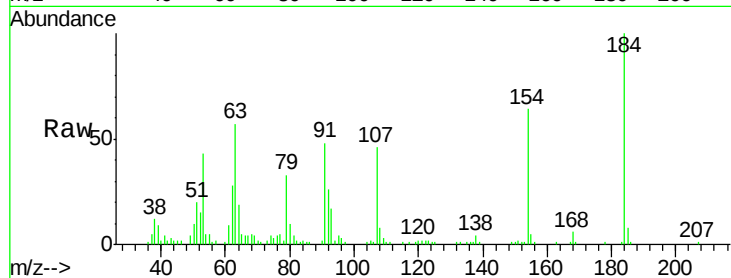
Tot Ion:184 Resp: 53550

Ion Ratio Lower Upper

184 100

63 57.2 69.2 103.8#

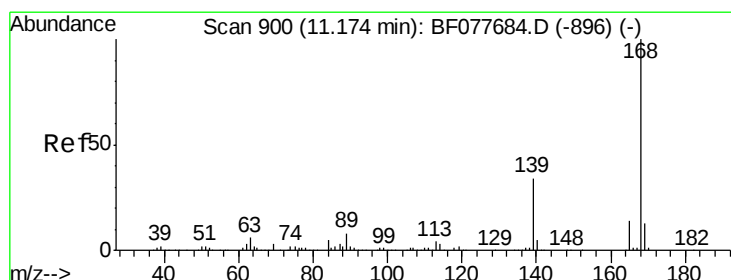
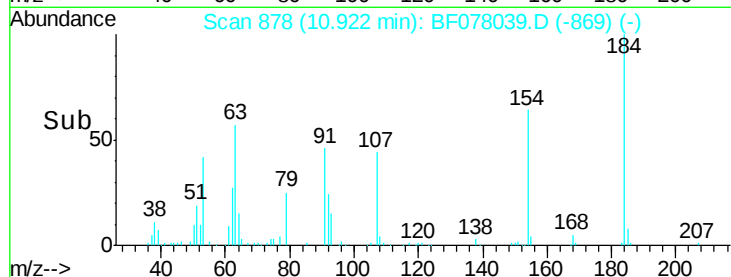
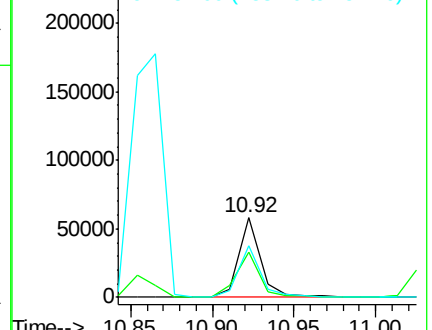
154 64.5 53.3 79.9



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: 47.98 ng

RT: 11.07 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

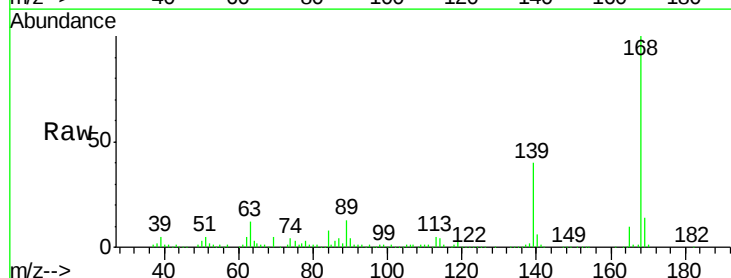
Tgt Ion:168 Resp: 360883

Ion Ratio Lower Upper

168 100

139 40.0 27.3 40.9

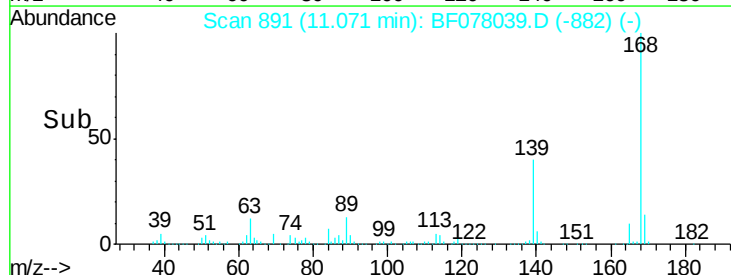
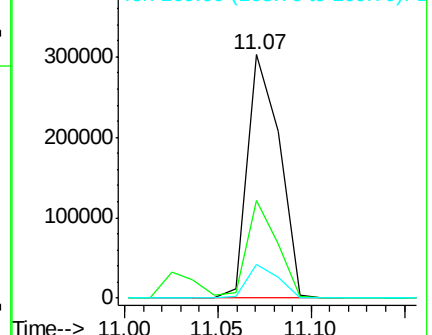
169 13.7 10.6 16.0

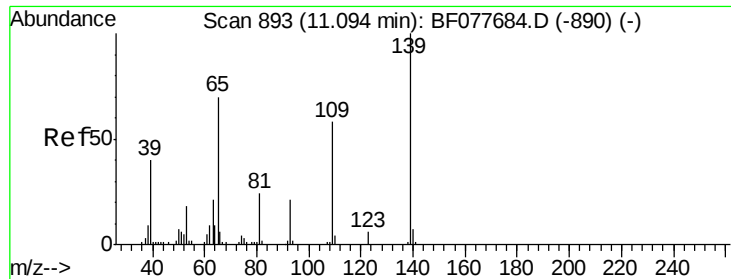


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

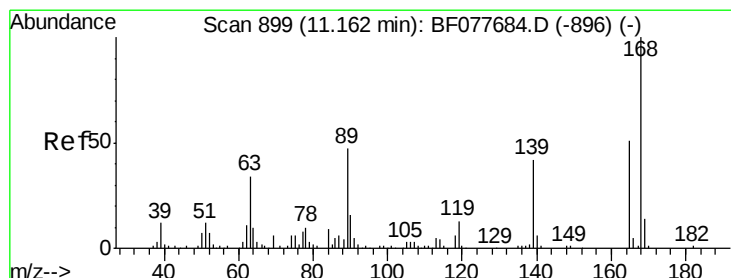
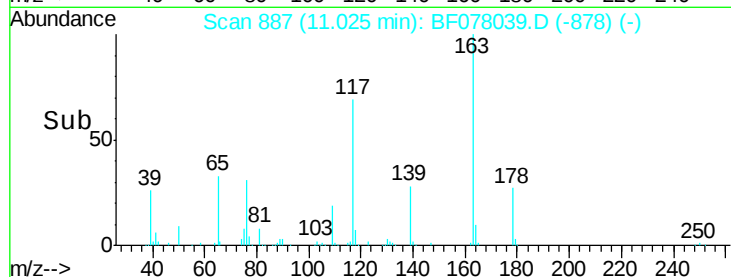
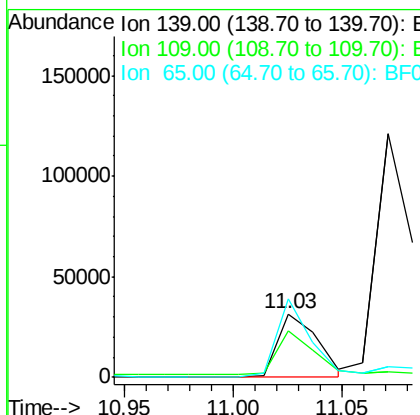
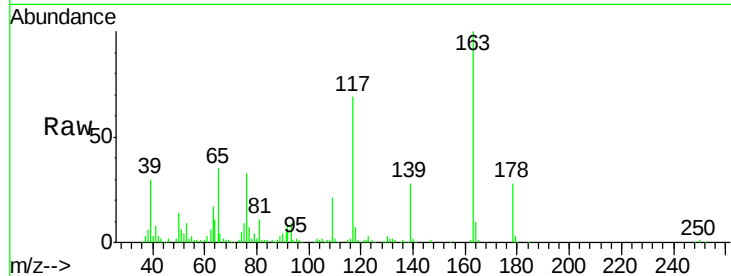




#55
4-Nitrophenol
Concen: 37.62 ng
RT: 11.03 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

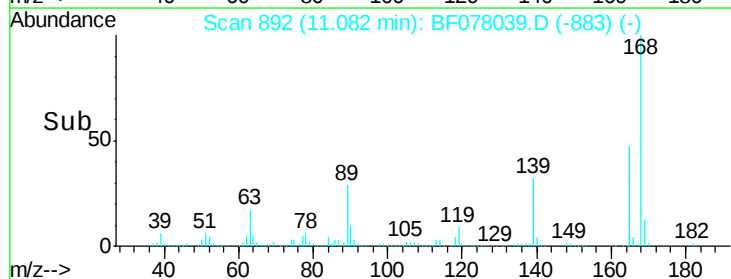
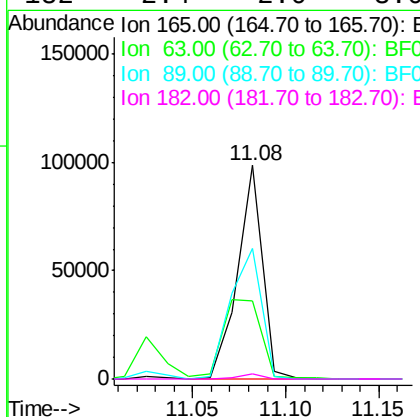
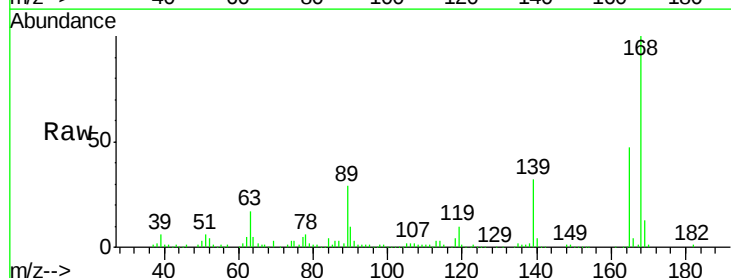
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

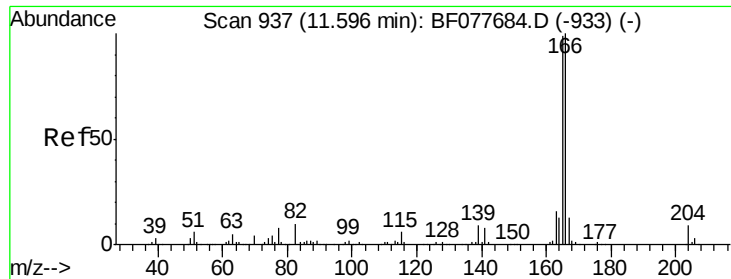
Tot Ion:139 Resp: 40744
Ion Ratio Lower Upper
139 100
109 74.2 37.7 77.7
65 124.0 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 55.84 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion:165 Resp: 91664
Ion Ratio Lower Upper
165 100
63 36.4 52.4 78.6#
89 61.0 72.4 108.6#
182 2.4 2.0 3.0

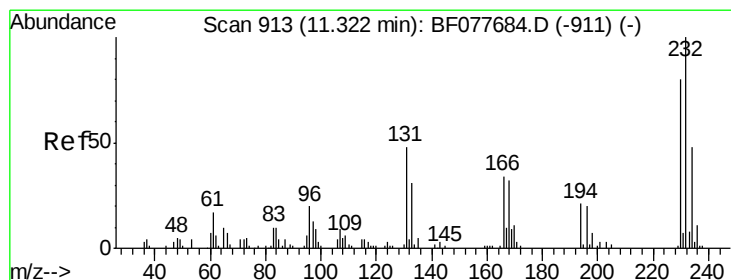
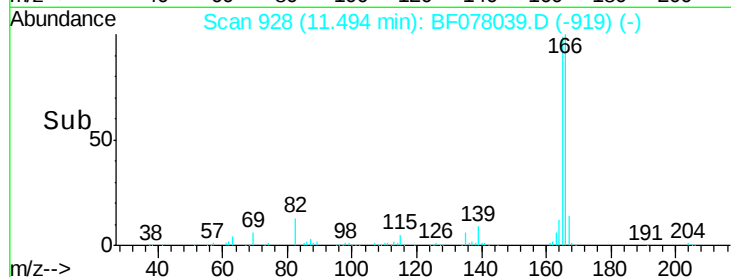
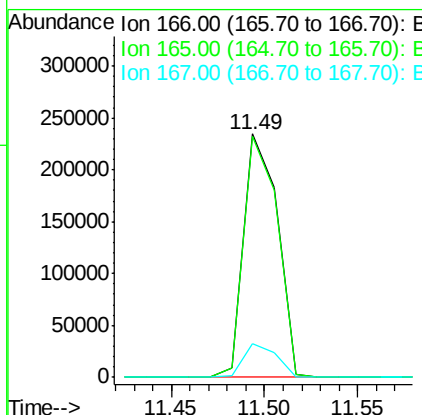
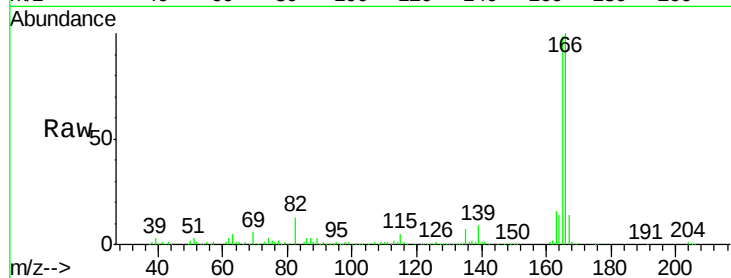




#57
 Fluorene
 Concen: 47.26 ng
 RT: 11.49 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

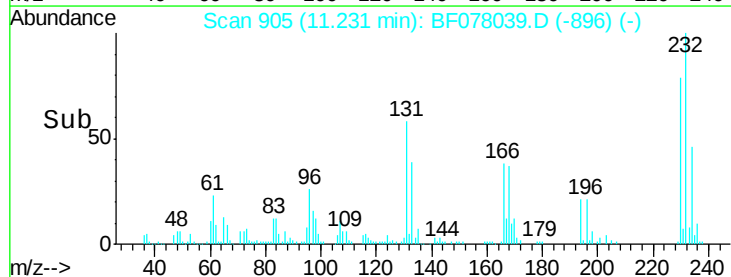
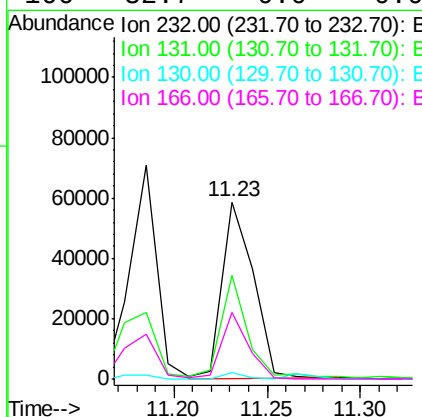
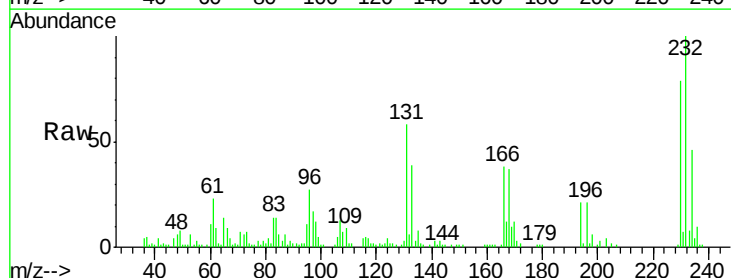
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

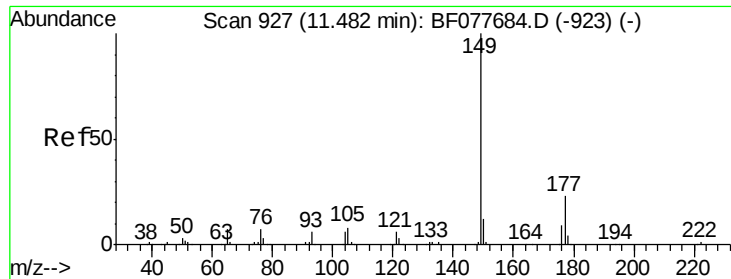
Tot Ion:166 Resp: 295178
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.0 118.4
 167 13.9 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.54 ng
 RT: 11.23 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion:232 Resp: 68304
 Ion Ratio Lower Upper
 232 100
 131 47.8 0.0 0.0#
 130 2.6 0.0 0.0#
 166 32.7 0.0 0.0#

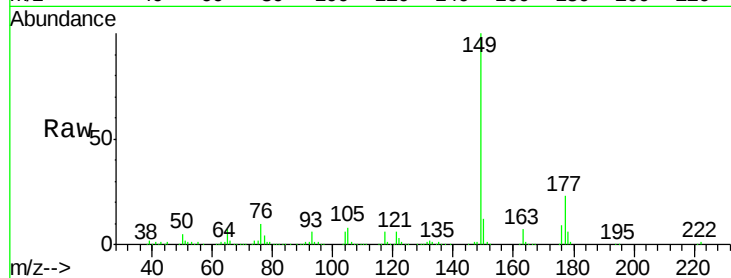




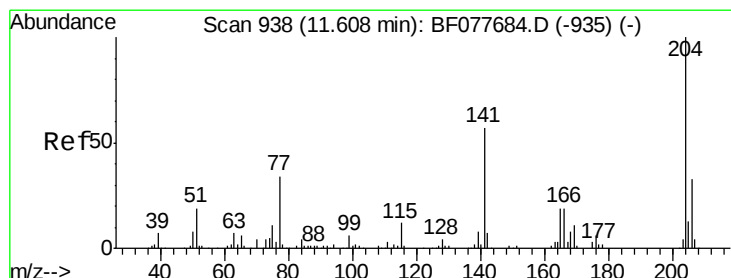
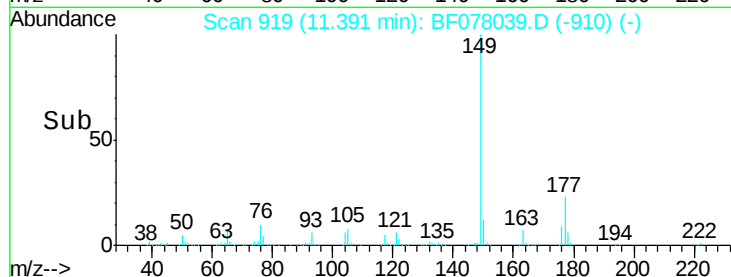
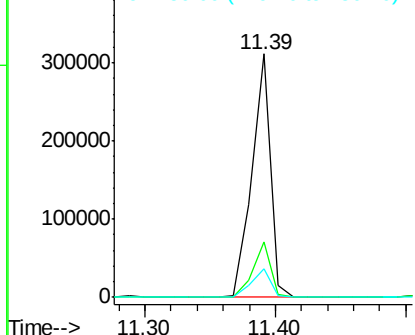
#59
Diethylphthalate
Concen: 52.29 ng
RT: 11.39 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

Tot Ion:149 Resp: 309390
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 11.9 9.8 14.8

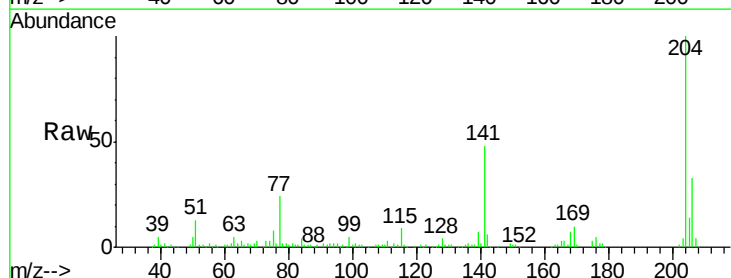


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

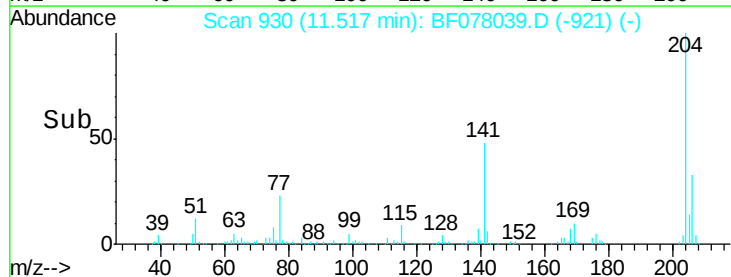
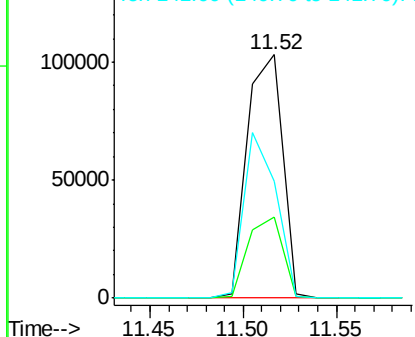


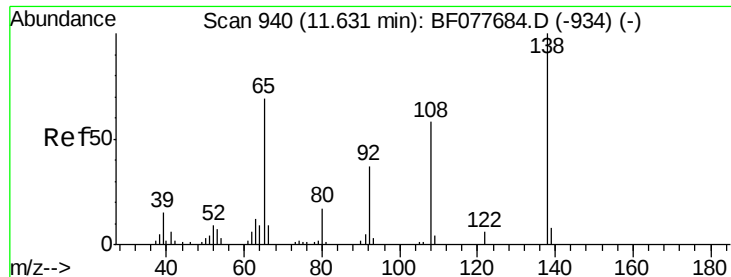
#60
4-Chlorophenyl-phenylether
Concen: 47.59 ng
RT: 11.52 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion:204 Resp: 135647
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 47.9 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

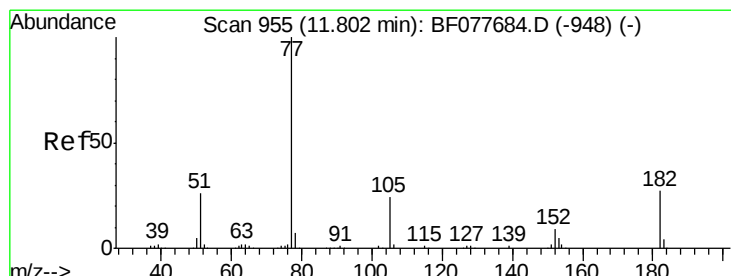
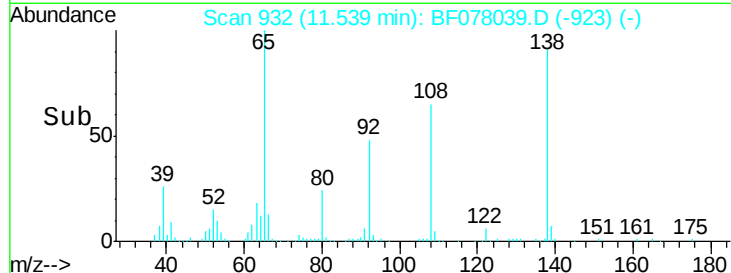
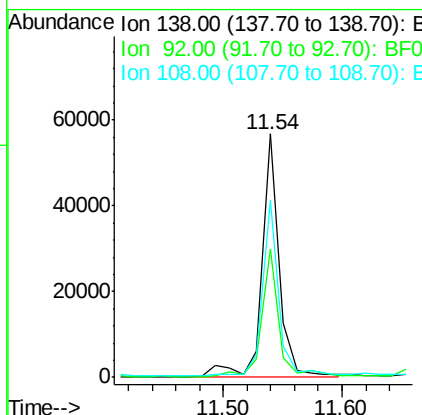
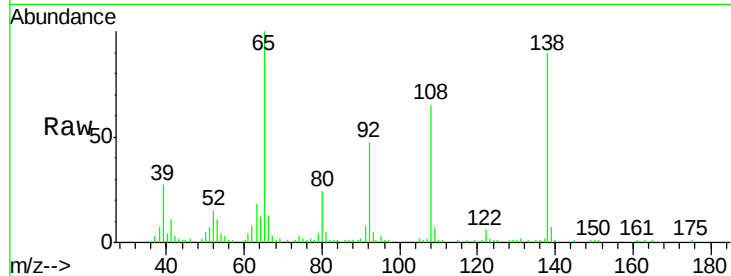




#61
4-Nitroaniline
Concen: 40.44 ng
RT: 11.54 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

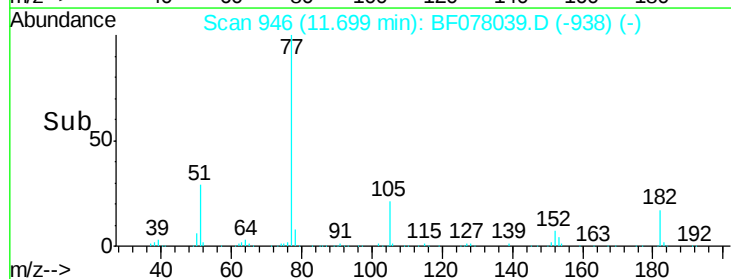
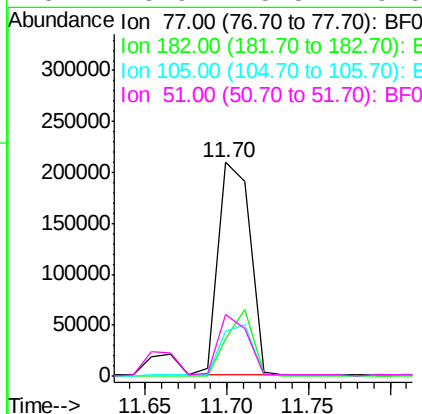
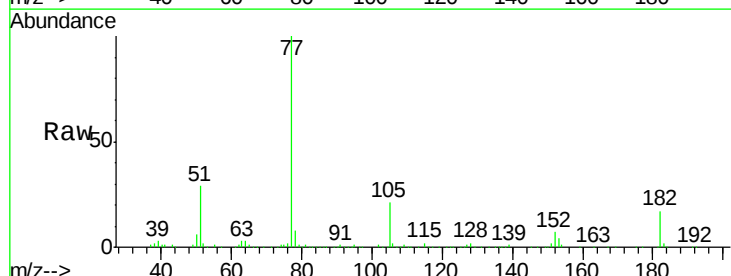
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

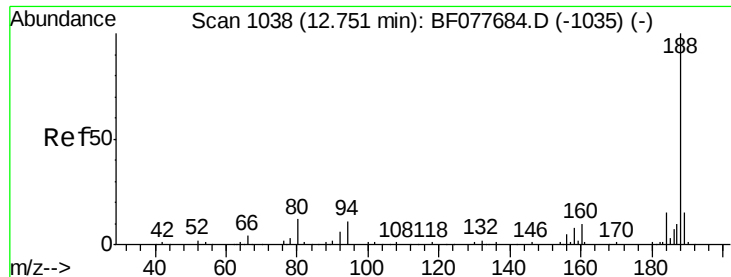
Tot Ion:138 Resp: 58919
Ion Ratio Lower Upper
138 100
92 52.8 16.7 56.7
108 72.8 37.6 77.6



#62
Azobenzene
Concen: 49.66 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion: 77 Resp: 280835
Ion Ratio Lower Upper
77 100
182 17.4 6.5 46.5
105 21.0 3.8 43.8
51 28.9 5.5 45.5

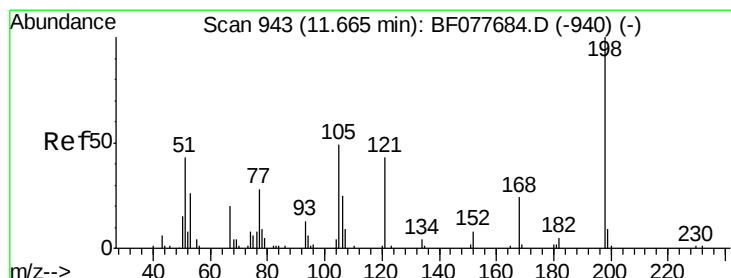
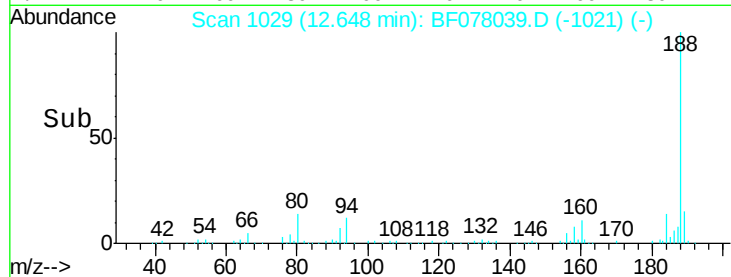
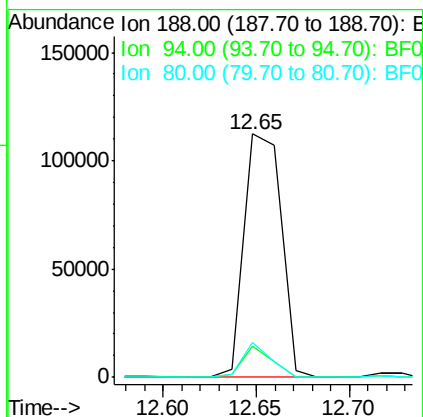
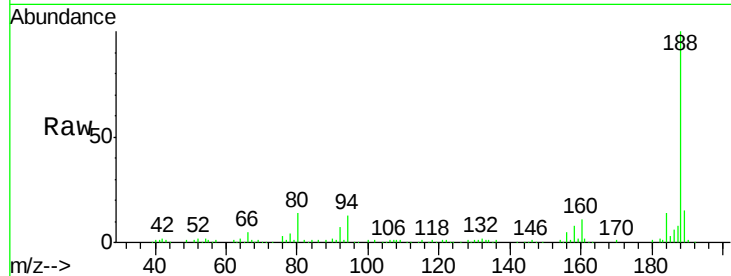




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

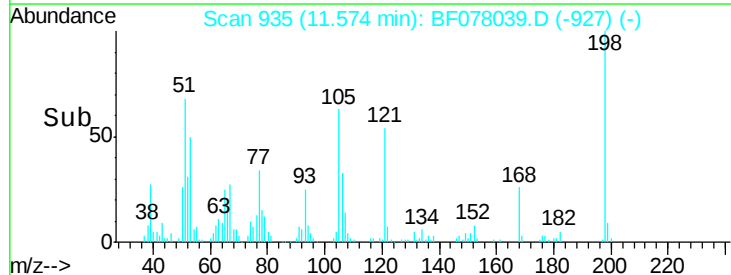
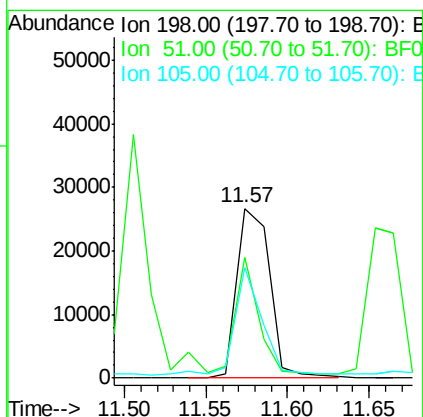
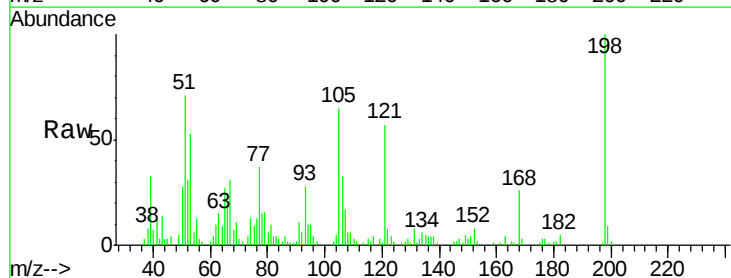
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

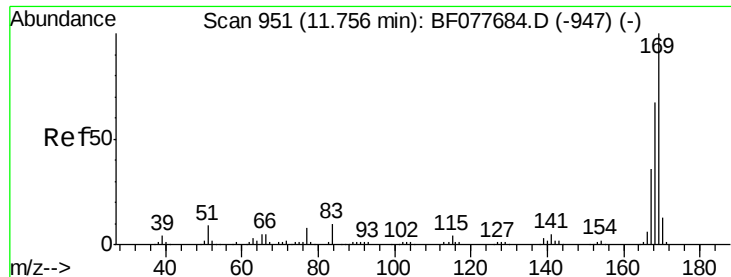
Tot Ion:188 Resp: 155122
 Ion Ratio Lower Upper
 188 100
 94 12.5 8.7 13.1
 80 14.2 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 50.56 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion:198 Resp: 37217
 Ion Ratio Lower Upper
 198 100
 51 71.1 28.8 68.8#
 105 64.8 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 50.93 ng

RT: 11.67 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

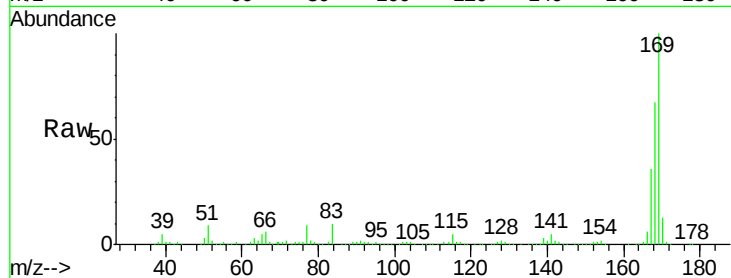
Tot Ion:169 Resp: 263050

Ion Ratio Lower Upper

169 100

168 67.2 53.9 80.9

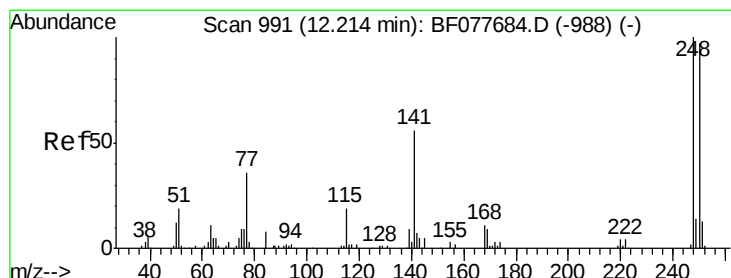
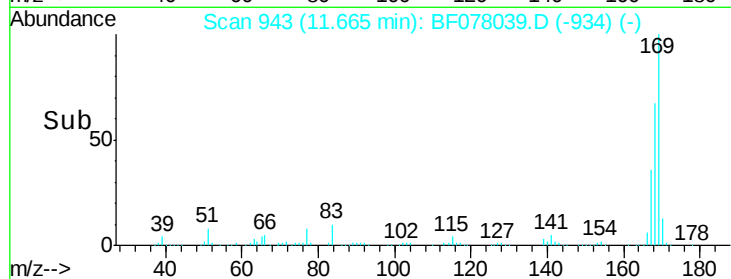
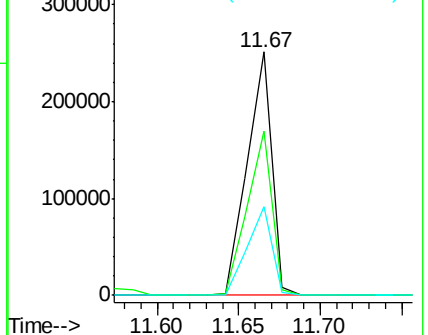
167 36.4 28.9 43.3



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: 50.21 ng

RT: 12.11 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

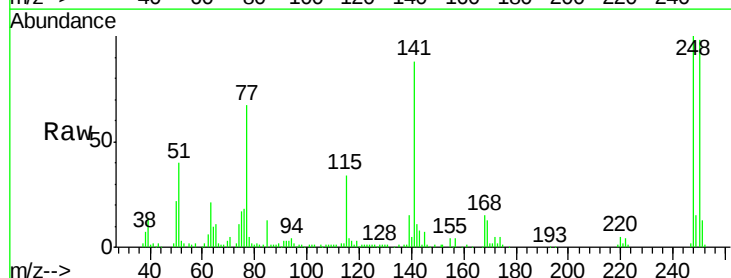
Tgt Ion:248 Resp: 83120

Ion Ratio Lower Upper

248 100

250 97.6 77.4 116.0

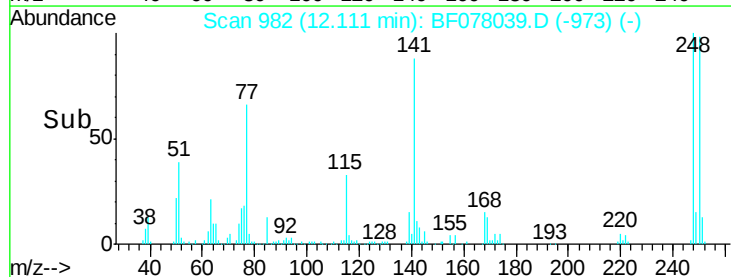
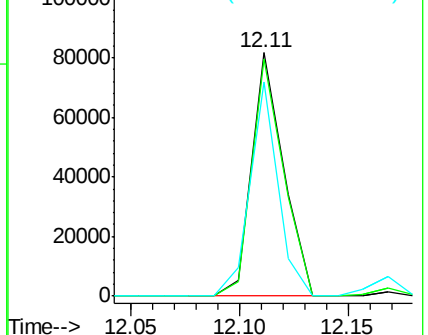
141 87.7 45.2 67.8#



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

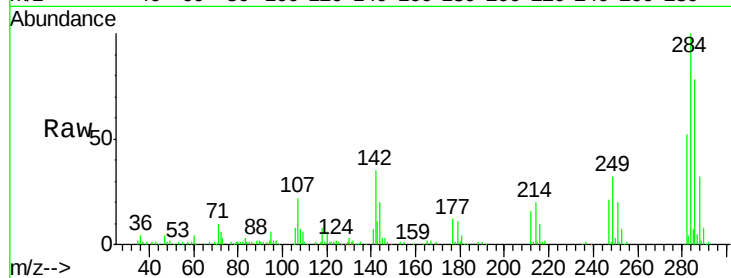




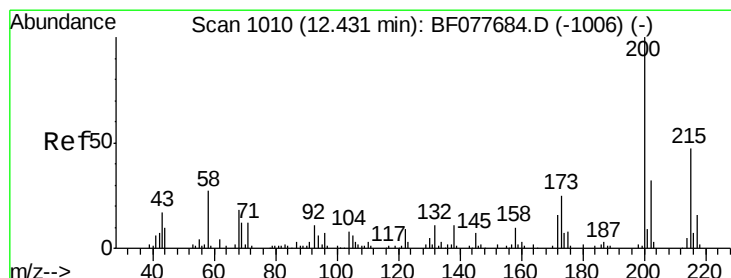
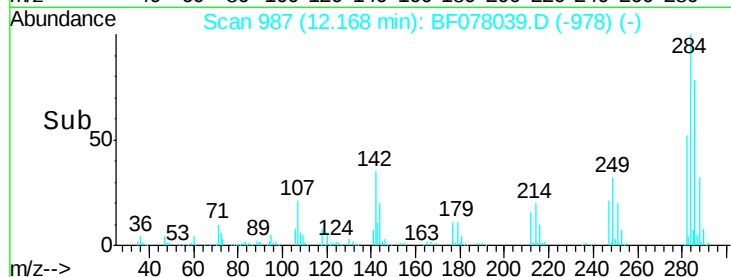
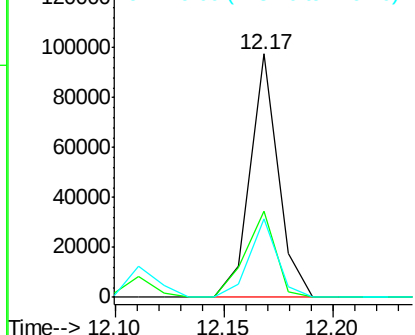
#67
Hexachlorobenzene
Concen: 48.18 ng
RT: 12.17 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

Tot Ion:284 Resp: 87632
Ion Ratio Lower Upper
284 100
142 35.3 20.4 30.6#
249 32.3 23.8 35.6

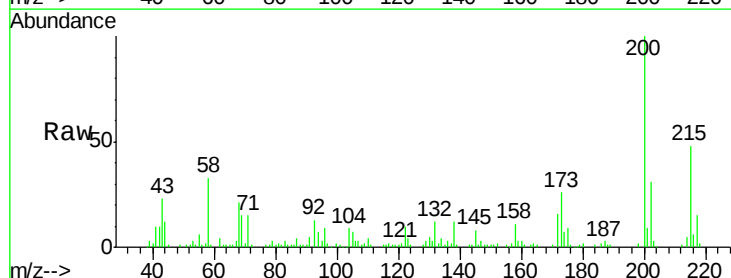


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

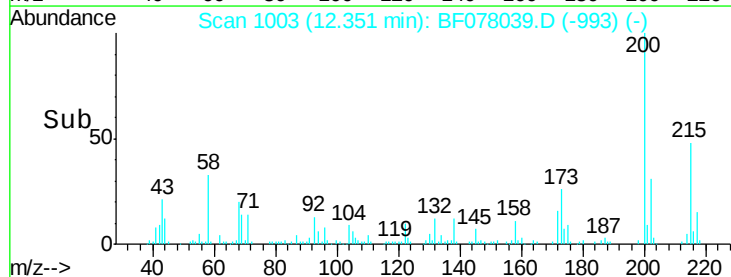
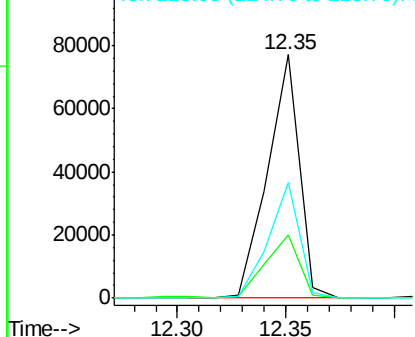


#68
Atrazine
Concen: 54.63 ng
RT: 12.35 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion:200 Resp: 79083
Ion Ratio Lower Upper
200 100
173 25.9 4.8 44.8
215 47.6 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

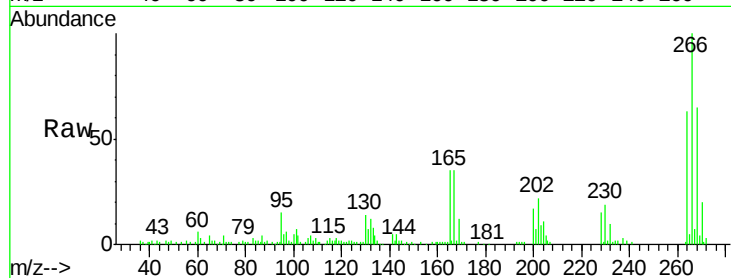




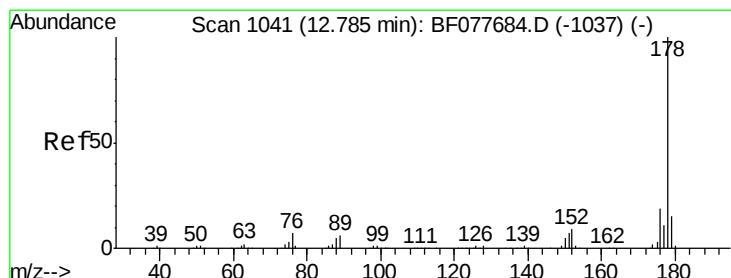
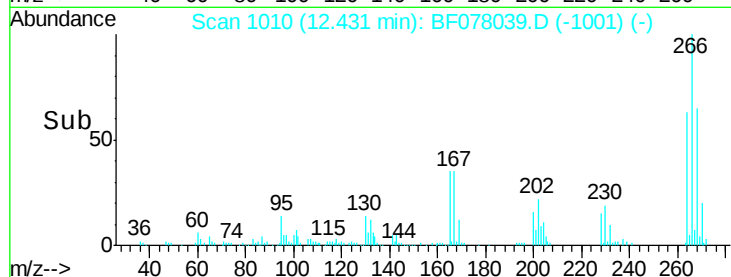
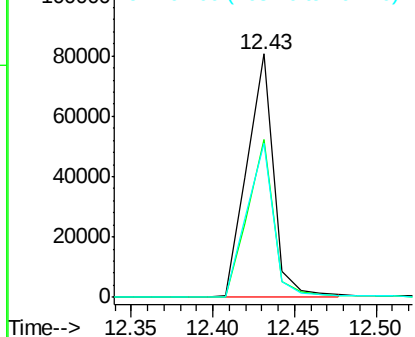
#69
 Pentachlorophenol
 Concen: 96.00 ng
 RT: 12.43 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

Tot Ion:266 Resp: 92074
 Ion Ratio Lower Upper
 266 100
 268 64.9 52.0 78.0
 264 63.1 49.0 73.4

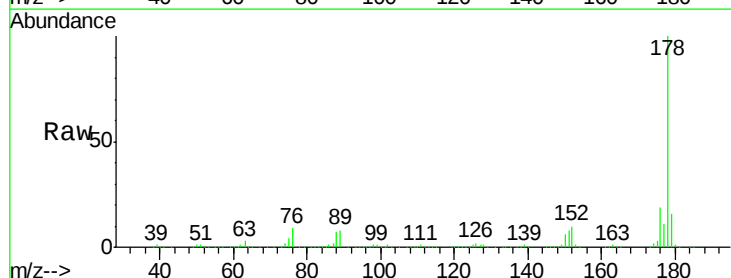


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

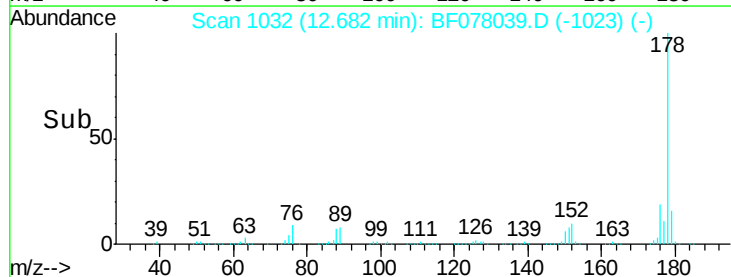
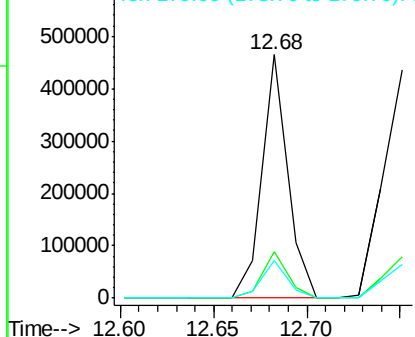


#70
 Phenanthrene
 Concen: 49.75 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion:178 Resp: 443046
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.7 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

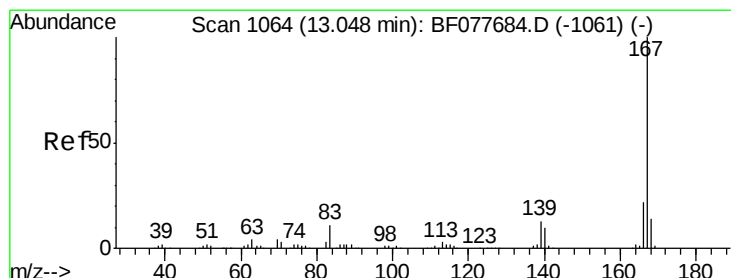
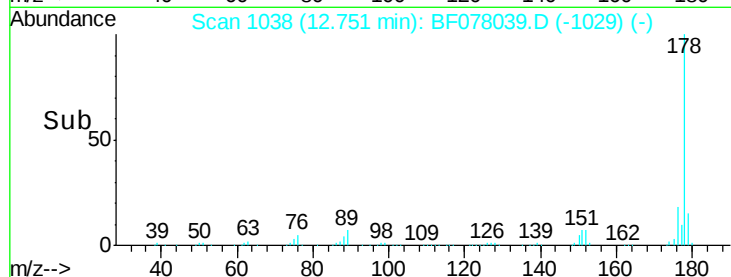
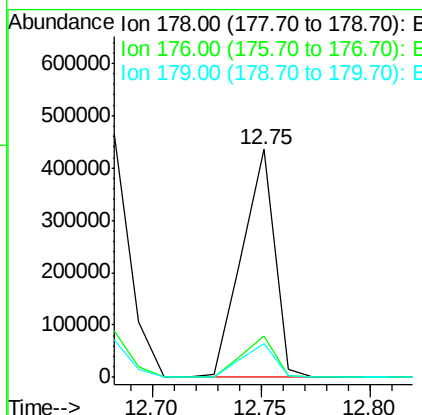
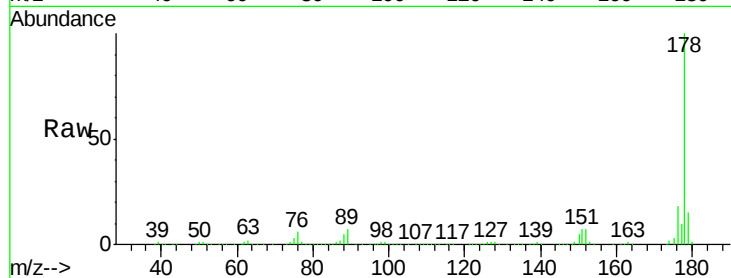




#71
 Anthracene
 Concen: 51.64 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

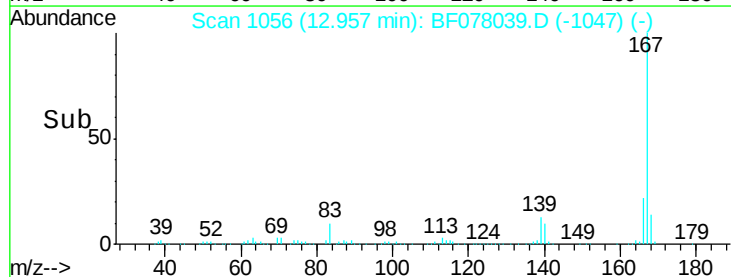
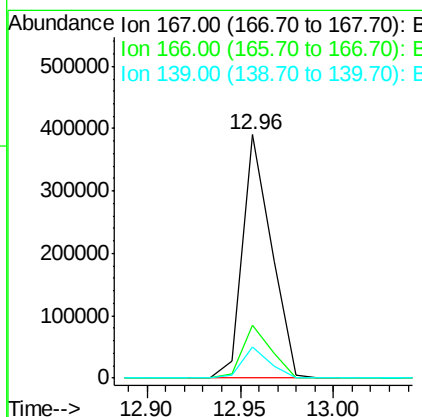
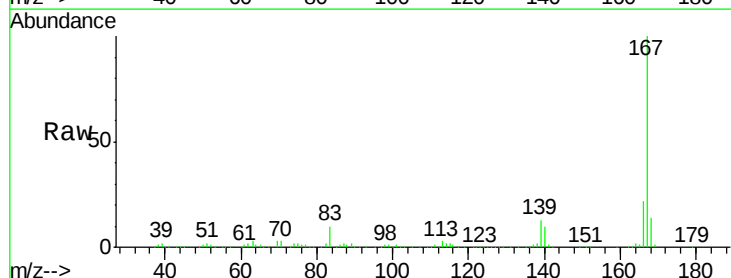
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

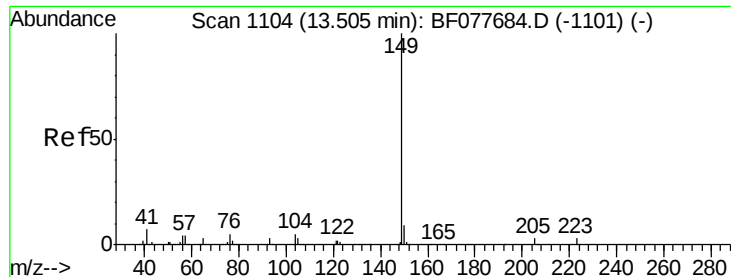
Tot Ion:178 Resp: 454350
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 22.0
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 50.28 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion:167 Resp: 420775
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 54.51 ng

RT: 13.41 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

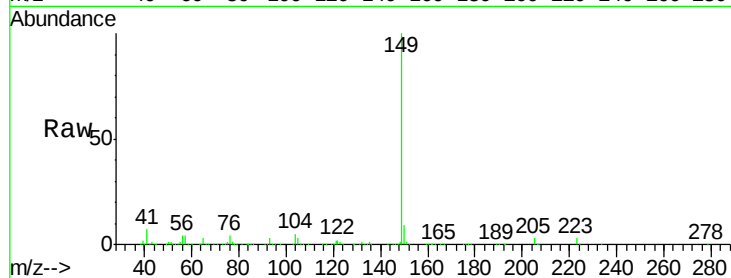
Tot Ion:149 Resp: 511506

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

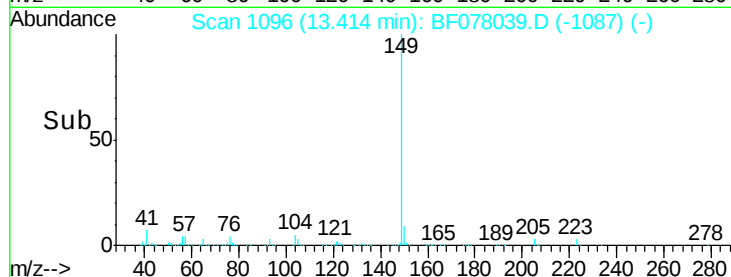
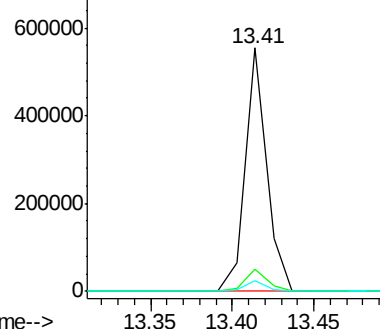
104 4.6 3.7 5.5



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: 50.95 ng

RT: 14.16 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

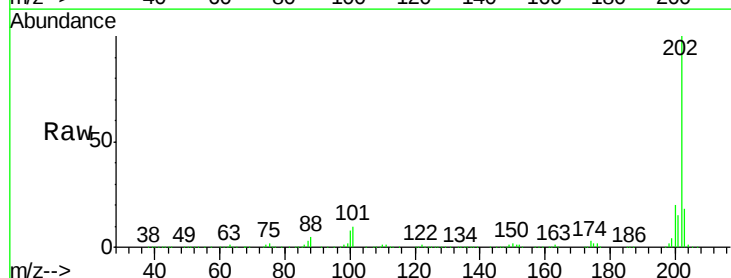
Tgt Ion:202 Resp: 500491

Ion Ratio Lower Upper

202 100

101 10.3 0.0 28.7

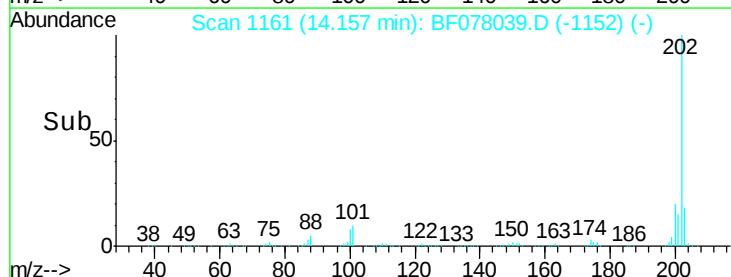
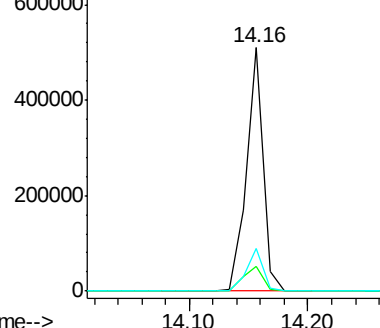
203 17.5 0.0 37.2

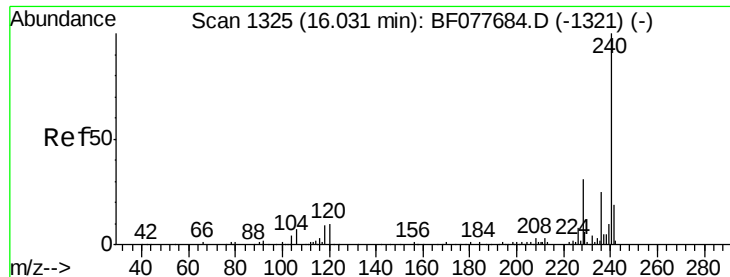


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

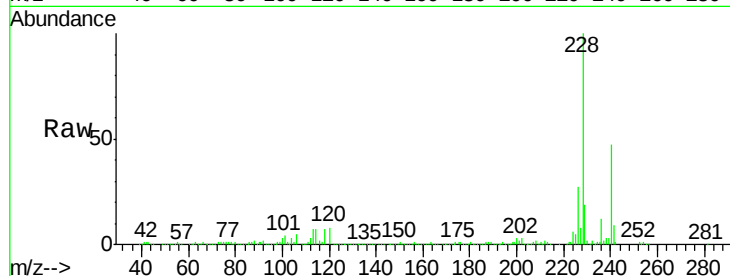
Tot Ion:240 Resp: 156375

Ion Ratio Lower Upper

240 100

120 16.2 8.2 12.2#

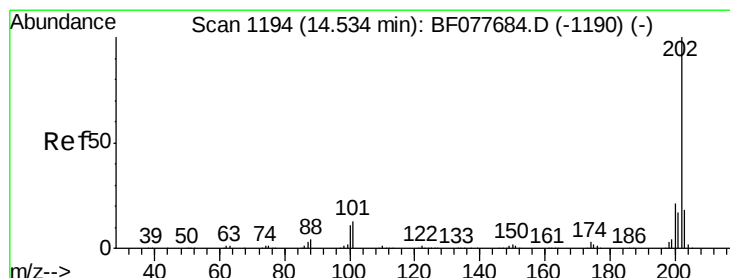
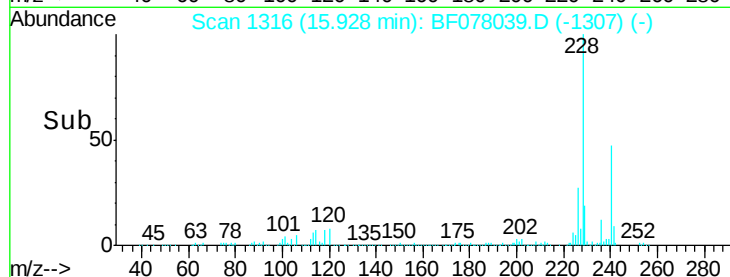
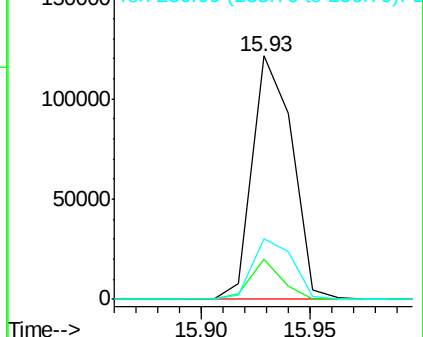
236 24.9 20.0 30.0



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



#77

Pyrene

Concen: 49.22 ng

RT: 14.43 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

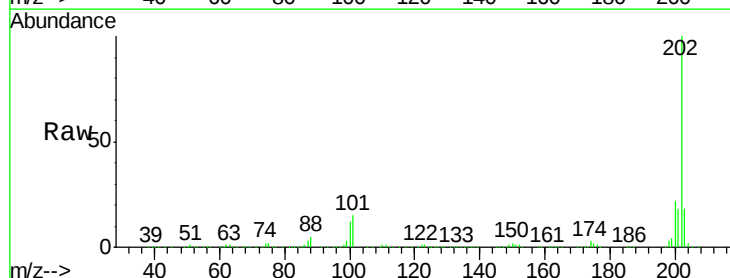
Tgt Ion:202 Resp: 484016

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

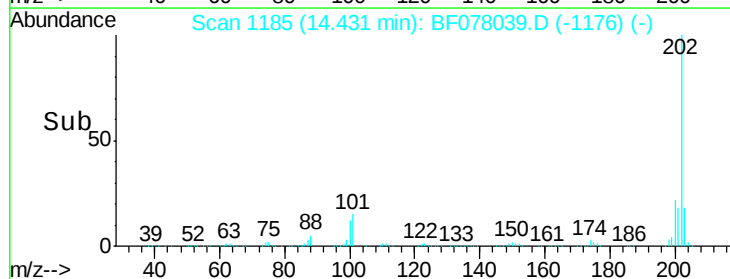
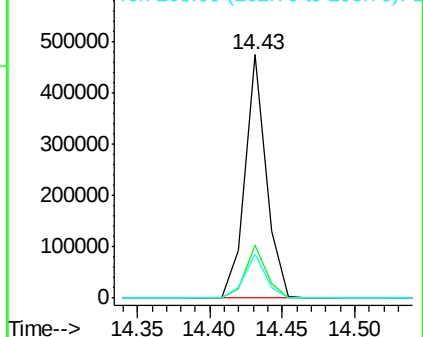
203 18.0 14.1 21.1

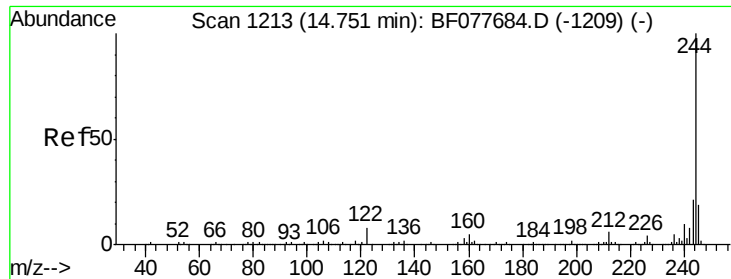


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.42 ng

RT: 14.65 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

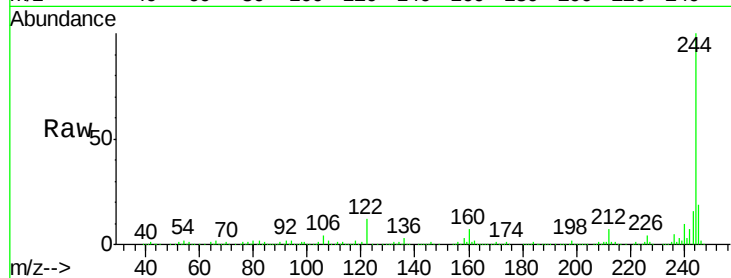
Tot Ion:244 Resp: 585255

Ion Ratio Lower Upper

244 100

212 6.8 4.9 7.3

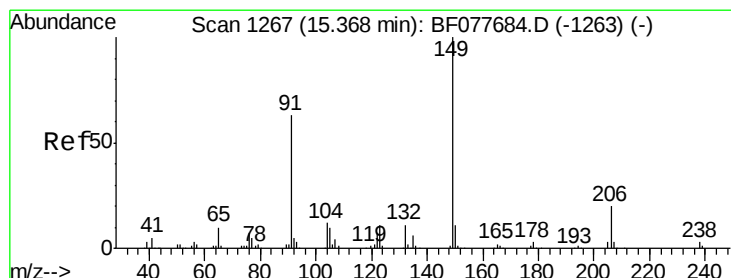
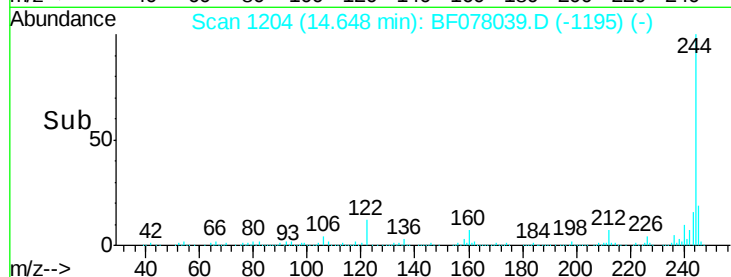
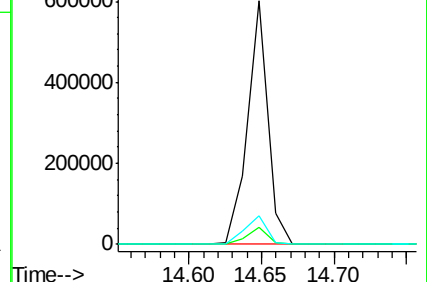
122 11.7 6.2 9.4#



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: 59.89 ng

RT: 15.27 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

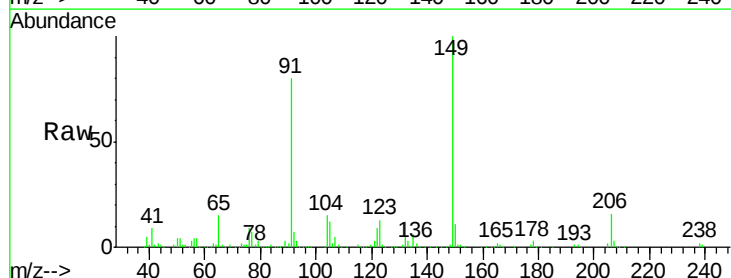
Tgt Ion:149 Resp: 232201

Ion Ratio Lower Upper

149 100

91 79.9 50.1 75.1#

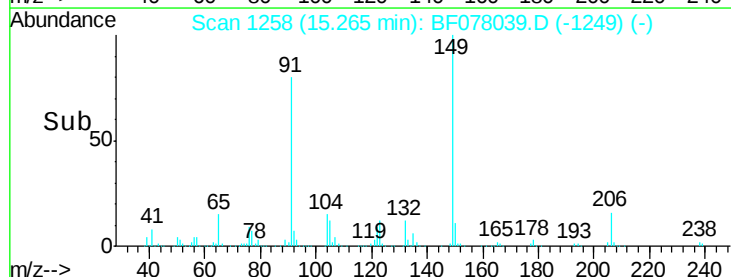
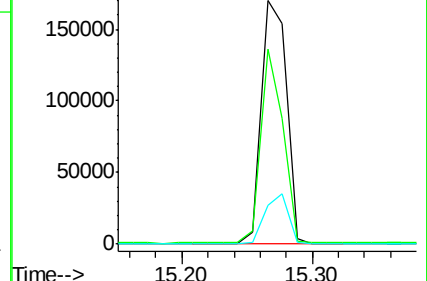
206 15.7 16.2 24.2#

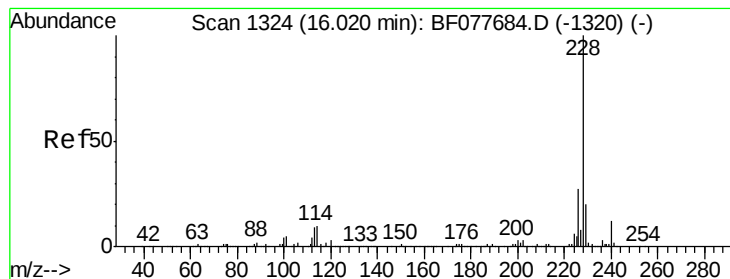


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 51.00 ng

RT: 15.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

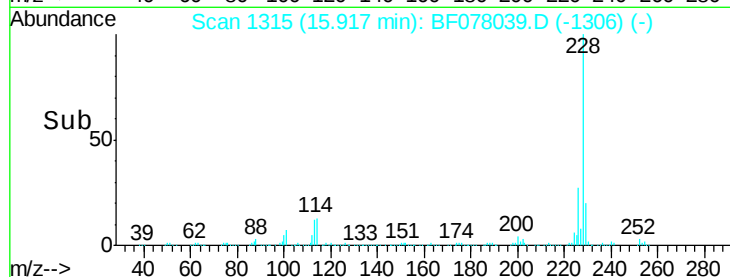
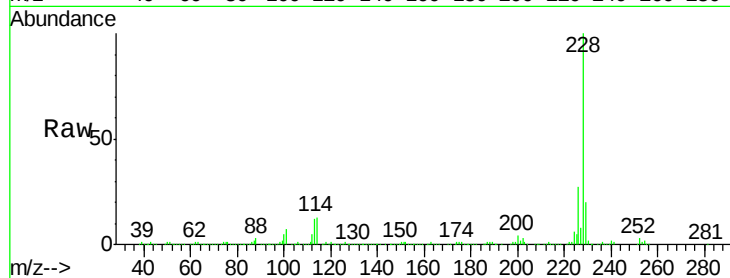
Tot Ion:228 Resp: 472737

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

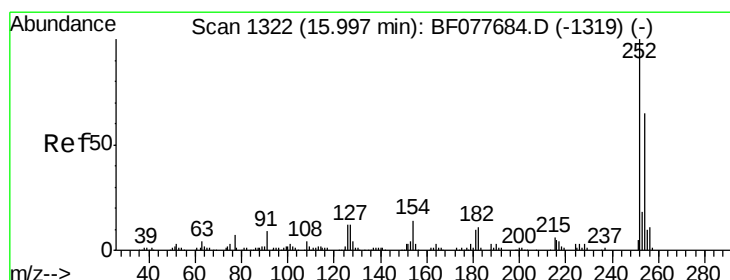
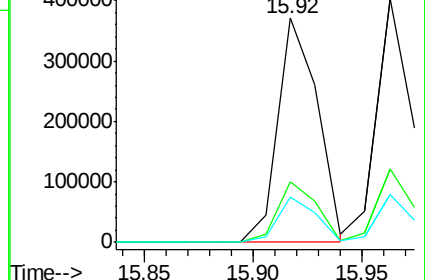
229 20.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 16.74 ng

RT: 15.91 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

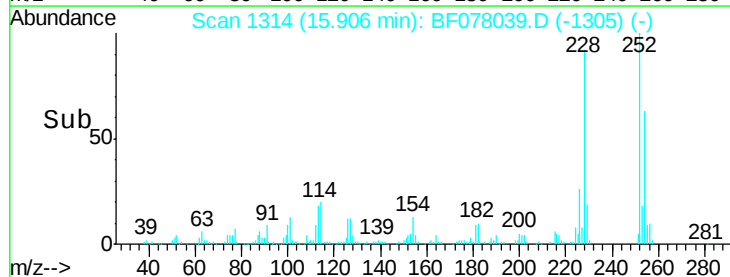
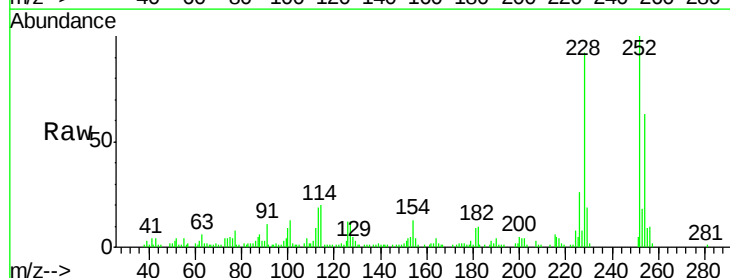
Tgt Ion:252 Resp: 51182

Ion Ratio Lower Upper

252 100

254 62.6 51.9 77.9

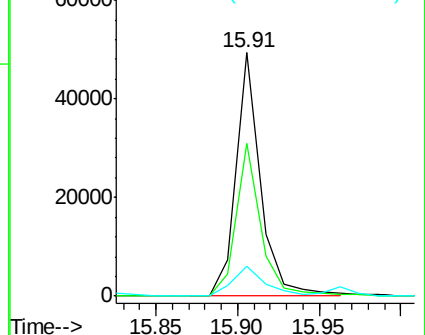
126 12.5 9.8 14.8

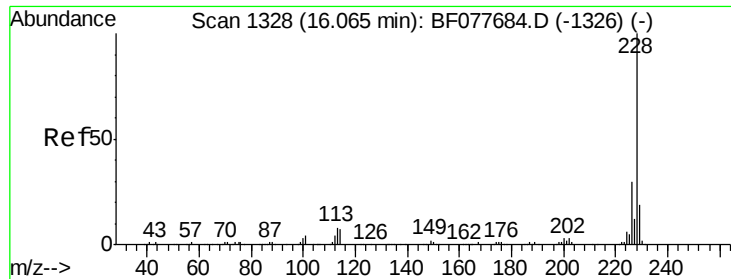


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

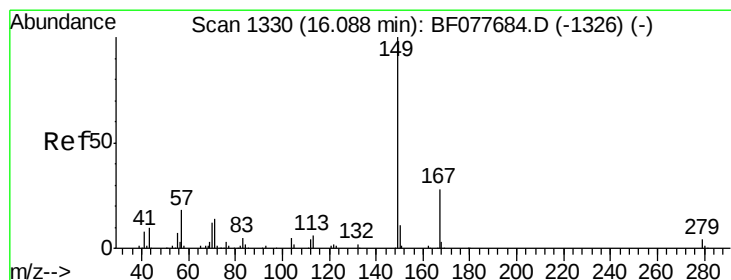
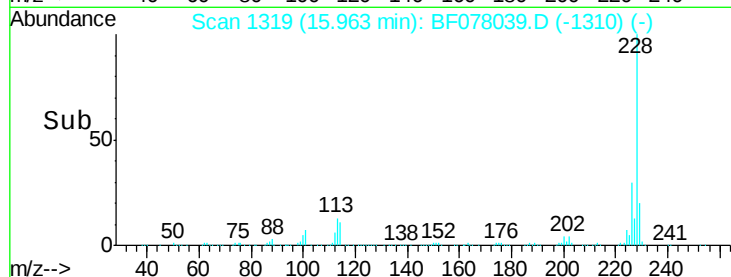
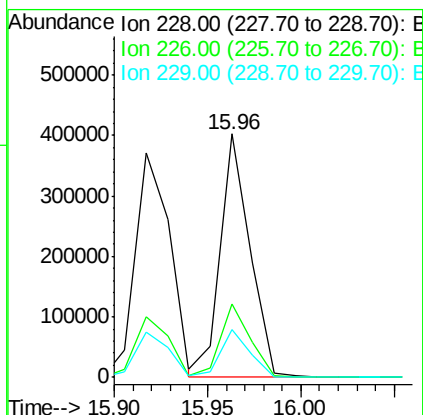
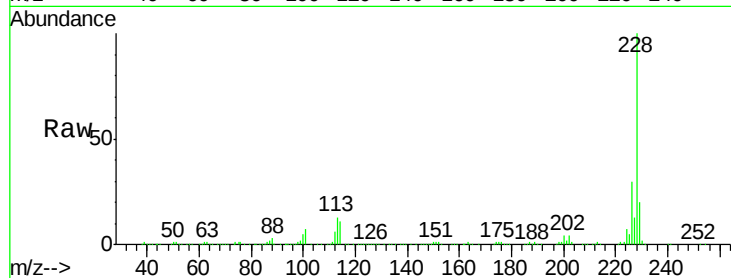




#82
 Chrysene
 Concen: 53.42 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

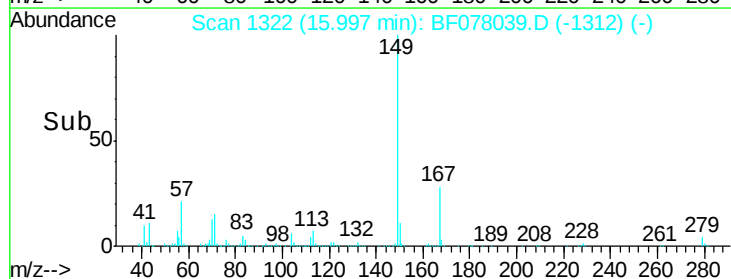
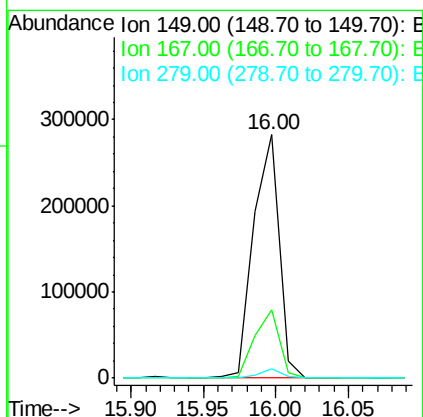
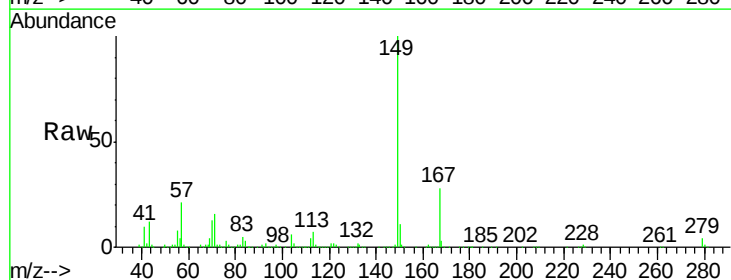
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-3-25-15MSD

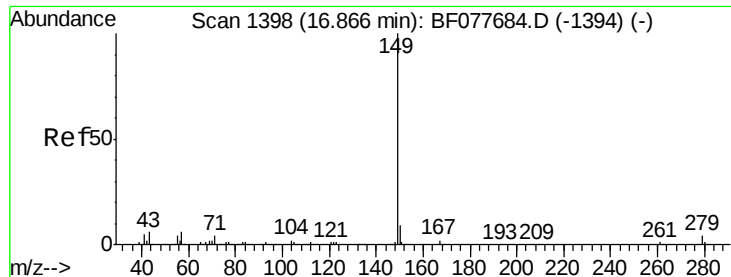
Tot Ion:228 Resp: 445213
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.1 36.1
 229 19.8 15.5 23.3



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.91 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF078039.D
 Acq: 27 Mar 2015 16:24

Tgt Ion:149 Resp: 345960
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.4 33.6
 279 3.9 3.4 5.0

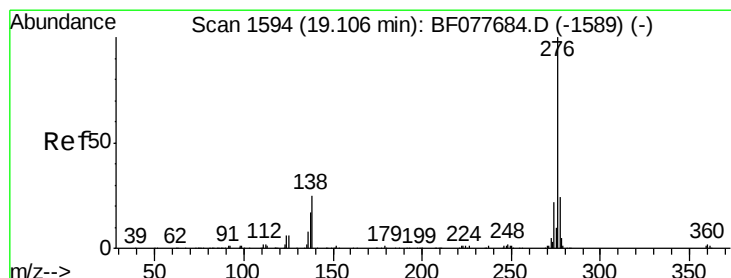
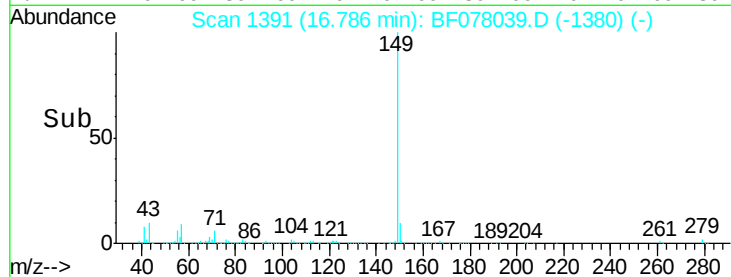
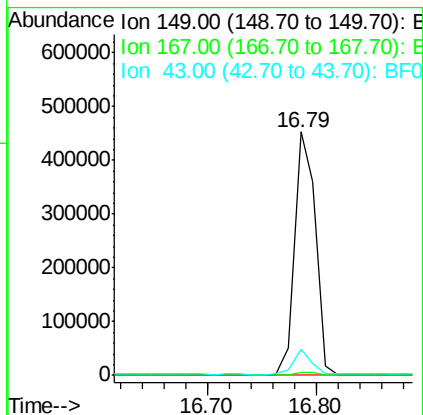
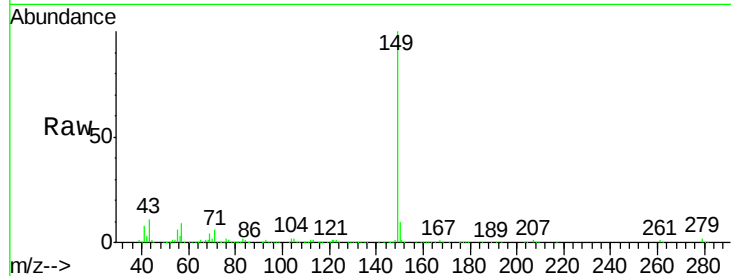




#84
Di-n-octyl phthalate
Concen: 60.28 ng
RT: 16.79 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

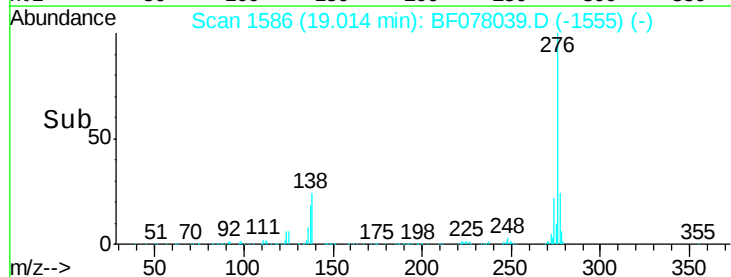
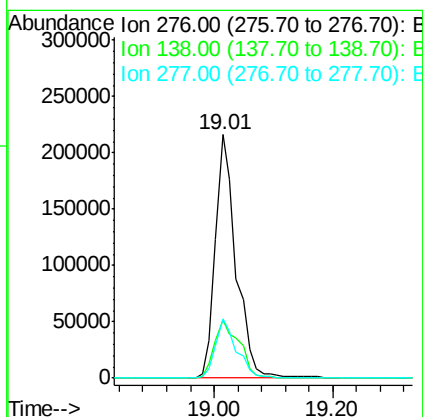
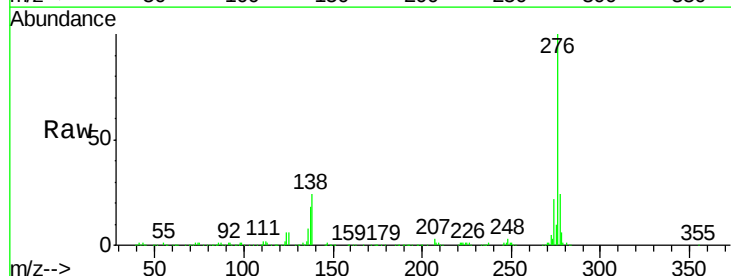
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

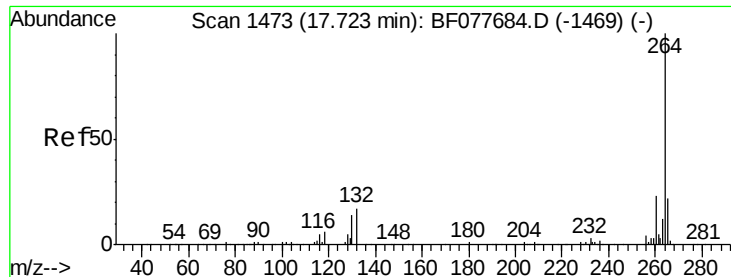
Tot Ion:149 Resp: 605294
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.7 7.3 10.9



#85
Indeno(1,2,3-cd)pyrene
Concen: 50.33 ng
RT: 19.01 min Scan# 1586
Delta R.T. 0.06 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion:276 Resp: 523554
Ion Ratio Lower Upper
276 100
138 28.9 0.0 0.0#
277 24.9 0.0 0.0#

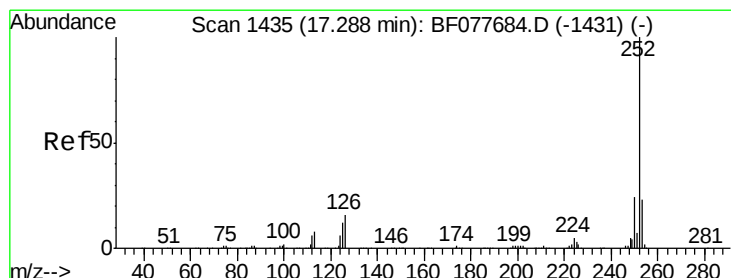
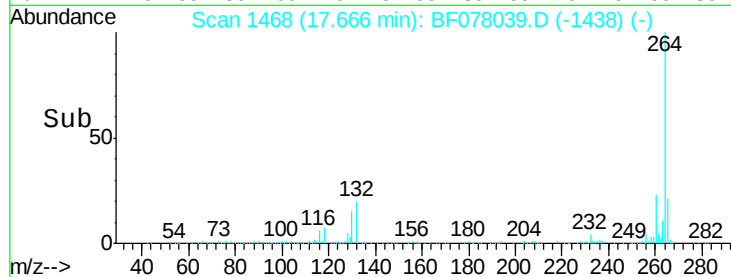
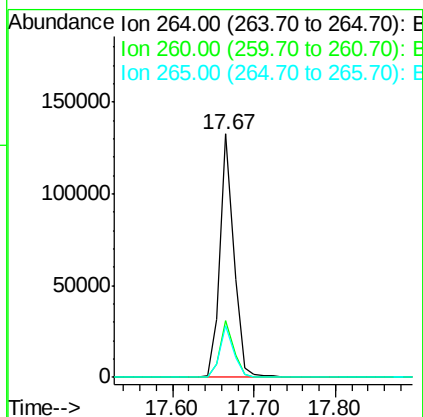
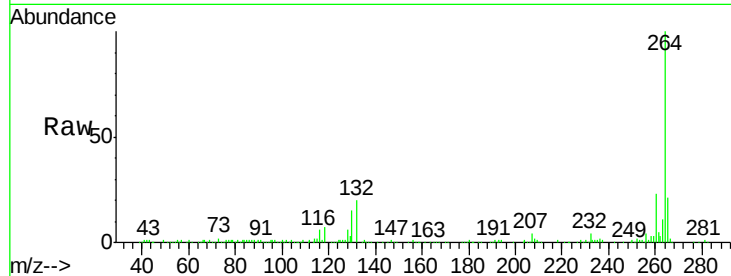




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.67 min Scan# 1468
Delta R.T. 0.05 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

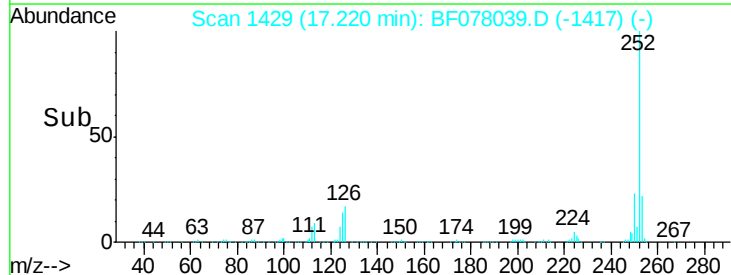
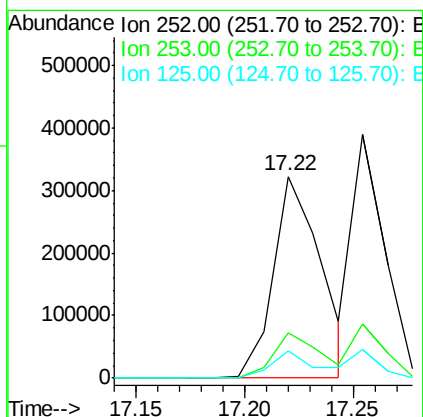
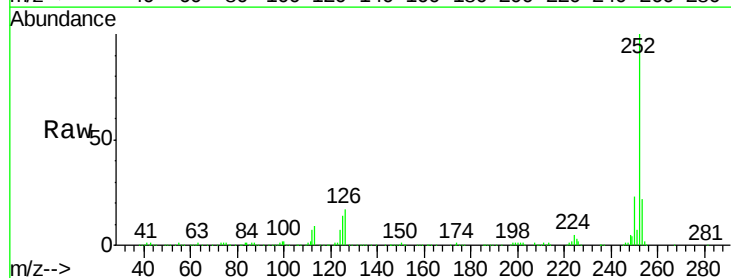
Instrument :
BNA_F
ClientSampleId :
PZ-1-3-25-15MSD

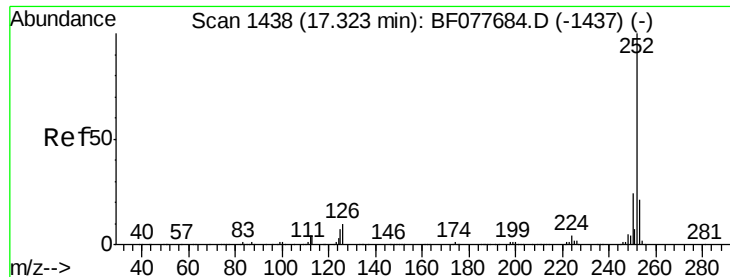
Tot Ion:264 Resp: 157202
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.2 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 48.29 ng
RT: 17.22 min Scan# 1429
Delta R.T. 0.03 min
Lab File: BF078039.D
Acq: 27 Mar 2015 16:24

Tgt Ion:252 Resp: 495554
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 13.5 9.9 14.9





#88

Benzo(k)fluoranthene

Concen: 50.31 ng

RT: 17.25 min Scan# 1432

Delta R.T. 0.03 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

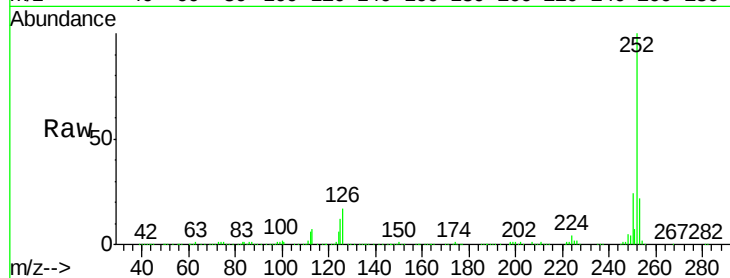
Tot Ion:252 Resp: 403289

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

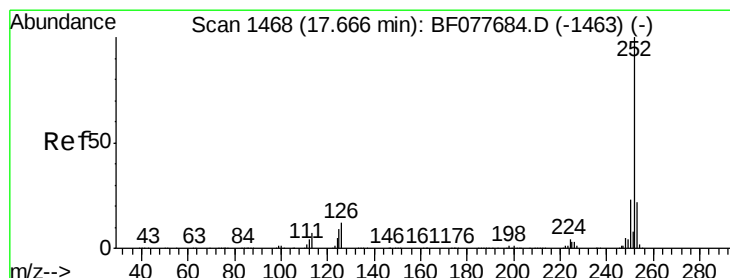
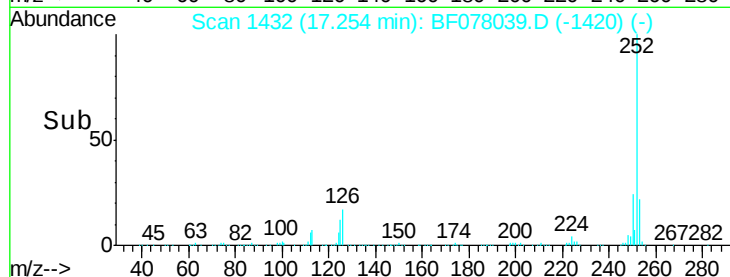
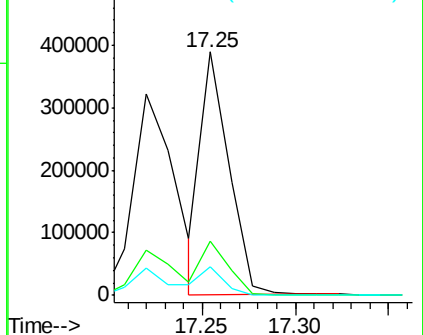
125 11.8 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 52.17 ng

RT: 17.61 min Scan# 1463

Delta R.T. 0.05 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

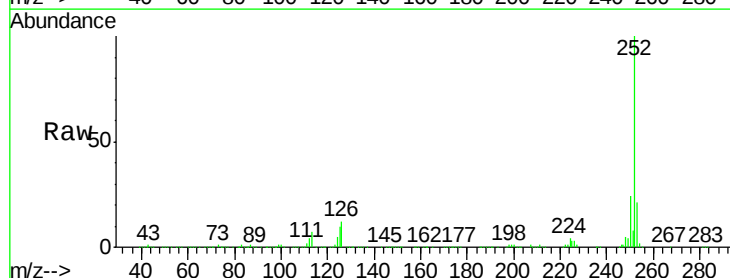
Tgt Ion:252 Resp: 446766

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

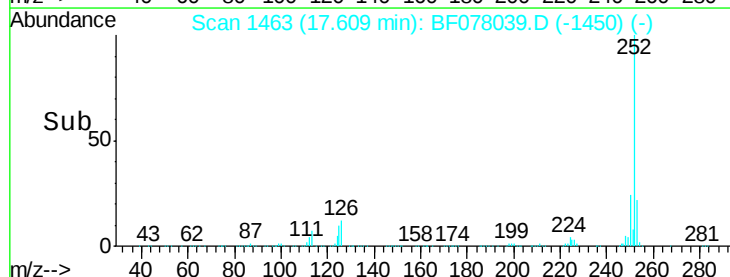
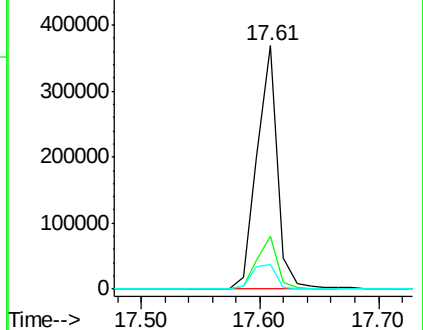
125 10.0 7.4 11.2

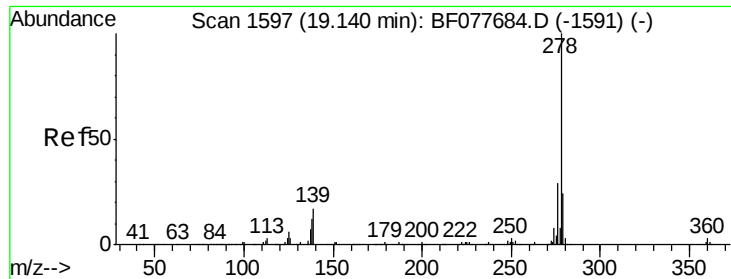


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 49.70 ng

RT: 19.05 min Scan# 1589

Delta R.T. 0.07 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Instrument :

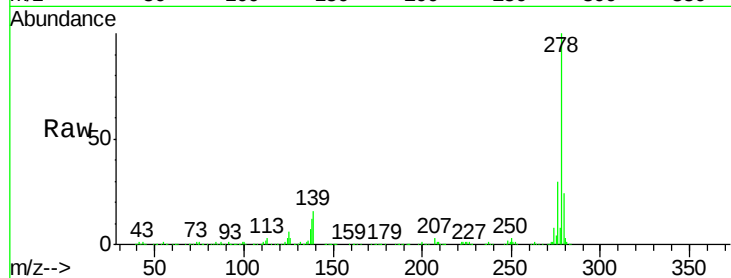
BNA_F

ClientSampleId :

PZ-1-3-25-15MSD

Tot Ion:278 Resp: 422112

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.4	20.0
279	23.8	19.0	28.4

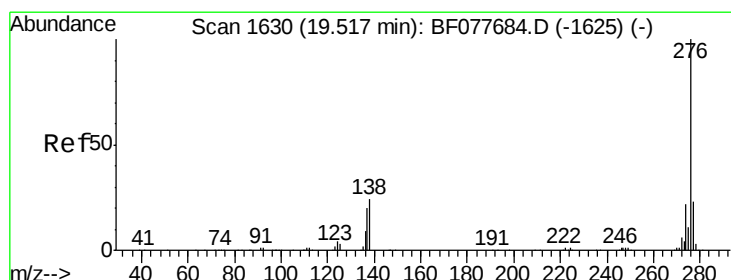
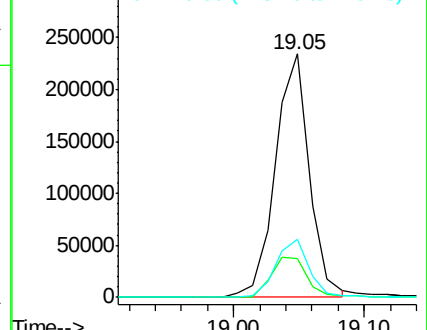
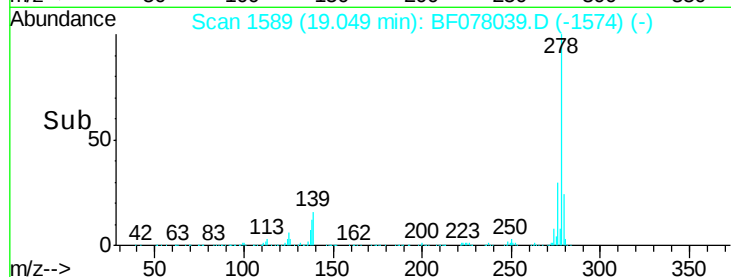


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 50.05 ng

RT: 19.41 min Scan# 1621

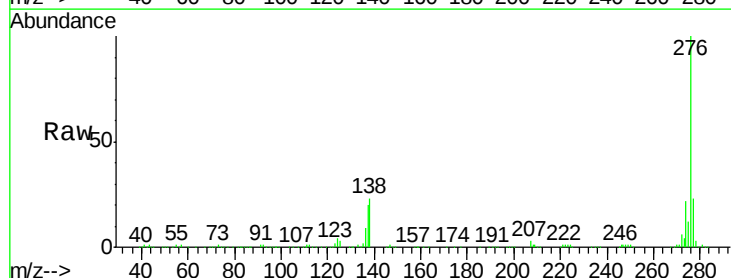
Delta R.T. 0.06 min

Lab File: BF078039.D

Acq: 27 Mar 2015 16:24

Tgt Ion:276 Resp: 432740

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.5	27.7
138	22.9	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

