

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033115\
 Data File : BF078119.D
 Acq On : 31 Mar 2015 17:39
 Operator : TP/IZ
 Sample : G1704-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

Quant Time: Apr 01 00:22:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	39374	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	163584	20.00	ng	0.00
38) Acenaphthene-d10	10.78	164	84743	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	162750	20.00	ng	0.00
75) Chrysene-d12	15.91	240	161220	20.00	ng	0.01
86) Perylene-d12	17.68	264	146779	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	255007	113.05	ng	0.00
7) Phenol-d6	6.64	99	333520	119.67	ng	0.00
23) Nitrobenzene-d5	7.74	82	196939	78.92	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	82037	101.18	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	421168	73.04	ng	0.00
78) Terphenyl-d14	14.61	244	450652	68.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	31002	30.27	ng	# 100
3) Pyridine	2.58	79	45263	16.45	ng	98
4) n-Nitrosodimethylamine	2.49	42	36769	30.69	ng	89
6) Aniline	6.64	93	93966	23.57	ng	# 83
8) 2-Chlorophenol	6.78	128	100872	37.57	ng	90
9) Benzaldehyde	6.50	77	3278	2.87	ng	83
10) Phenol	6.65	94	126047	38.26	ng	79
11) bis(2-Chloroethyl)ether	6.74	93	93396	37.85	ng	90
12) 1,3-Dichlorobenzene	6.97	146	105804	35.43	ng	100
13) 1,4-Dichlorobenzene	7.07	146	104076	33.54	ng	99
14) 1,2-Dichlorobenzene	7.25	146	99310	34.91	ng	99
15) Benzyl Alcohol	7.24	79	81320	37.38	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.41	45	121459	36.52	ng	98
17) 2-Methylphenol	7.40	107	78798	36.05	ng	96
18) Hexachloroethane	7.66	117	35273	34.66	ng	94
19) n-Nitroso-di-n-propylamine	7.57	70	74066	38.42	ng	# 94
20) 3+4-Methylphenols	7.60	107	110562	38.55	ng	99
22) Acetophenone	7.56	105	144038	39.77	ng	# 92
24) Nitrobenzene	7.77	77	103020	38.32	ng	# 87
25) Isophorone	8.06	82	188545	37.41	ng	94
26) 2-Nitrophenol	8.16	139	48832	37.10	ng	# 84
27) 2,4-Dimethylphenol	8.24	122	88719	37.00	ng	96
28) bis(2-Chloroethoxy)methane	8.35	93	116696	38.15	ng	99
29) 2,4-Dichlorophenol	8.46	162	91079	39.85	ng	98
30) 1,2,4-Trichlorobenzene	8.56	180	91593	35.82	ng	99
31) Naphthalene	8.65	128	307501	36.60	ng	100
32) Benzoic acid	8.36	122	44361	34.12	ng	95
33) 4-Chloroaniline	8.73	127	87582	25.69	ng	# 90
34) Hexachlorobutadiene	8.81	225	48659	33.57	ng	98
35) Caprolactam	9.15	113	25529	38.22	ng	96
36) 4-Chloro-3-methylphenol	9.36	107	89800	39.05	ng	98
37) 2-Methylnaphthalene	9.50	142	211500	37.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.71	216	88651	35.07	ng	# 100
40) Hexachlorocyclopentadiene	9.70	237	84082	66.99	ng	99

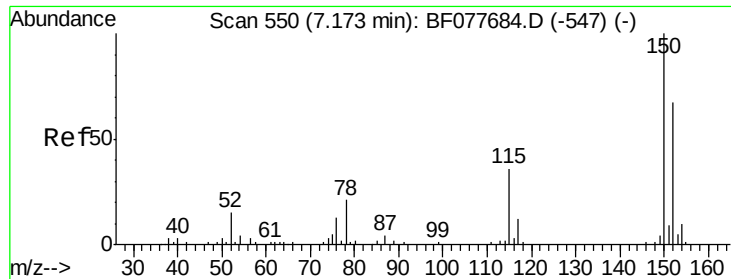
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033115\
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 Operator : TP/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	59405	33.93	ng	98
43) 2,4,5-Trichlorophenol	9.92	196	69653	36.82	ng #	92
45) 1,1'-Biphenyl	10.09	154	247179	36.49	ng	98
46) 2-Chloronaphthalene	10.11	162	195015	35.42	ng	98
47) 2-Nitroaniline	10.25	65	52821	38.63	ng	89
48) Acenaphthylene	10.61	152	312515	34.14	ng	99
49) Dimethylphthalate	10.49	163	270771	43.08	ng	99
50) 2,6-Dinitrotoluene	10.56	165	51560	39.57	ng #	87
51) Acenaphthene	10.83	154	185402	35.32	ng	100
52) 3-Nitroaniline	10.76	138	47812	31.60	ng	94
53) 2,4-Dinitrophenol	10.89	184	33287	70.60	ng	95
54) Dibenzofuran	11.05	168	280971	36.09	ng	99
55) 4-Nitrophenol	10.99	139	76780	68.50	ng #	74
56) 2,4-Dinitrotoluene	11.05	165	66586	39.19	ng	87
57) Fluorene	11.47	166	232862	36.02	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	50922	34.96	ng #	100
59) Diethylphthalate	11.36	149	228160	37.26	ng	96
60) 4-Chlorophenyl-phenylether	11.48	204	106882	36.23	ng	99
61) 4-Nitroaniline	11.50	138	52226	34.63	ng	78
62) Azobenzene	11.68	77	217985	37.24	ng	98
64) 4,6-Dinitro-2-methylphenol	11.55	198	26373	35.55	ng	80
65) n-Nitrosodiphenylamine	11.63	169	198615	36.65	ng	99
66) 4-Bromophenyl-phenylether	12.09	248	63088	36.32	ng	97
67) Hexachlorobenzene	12.13	284	65805	34.48	ng #	76
68) Atrazine	12.31	200	59472	39.16	ng	94
69) Pentachlorophenol	12.40	266	59309	60.13	ng	98
70) Phenanthrene	12.65	178	329100	35.22	ng	100
71) Anthracene	12.72	178	333197	36.10	ng	99
72) Carbazole	12.93	167	325065	37.02	ng	98
73) Di-n-butylphthalate	13.39	149	376504	38.24	ng	98
74) Fluoranthene	14.12	202	354761	34.43	ng	96
76) Benzidine	14.32	184	50133	12.23	ng	99
77) Pyrene	14.40	202	354129	34.93	ng	99
79) Butylbenzylphthalate	15.24	149	153218	38.33	ng	94
80) Benzo(a)anthracene	15.89	228	326288	34.14	ng	100
81) 3,3'-Dichlorobenzidine	15.88	252	100018	31.73	ng	98
82) Chrysene	15.94	228	311183	36.21	ng	99
83) Bis(2-ethylhexyl)phthalate	15.97	149	240174	39.67	ng #	96
84) Di-n-octyl phthalate	16.79	149	395775	38.23	ng	100
85) Indeno(1,2,3-cd)pyrene	19.01	276	325160	30.32	ng #	100
87) Benzo(b)fluoranthene	17.22	252	304047	31.73	ng	98
88) Benzo(k)fluoranthene	17.22	252	304025	40.62	ng	99
89) Benzo(a)pyrene	17.61	252	291234	36.43	ng #	97
90) Dibenzo(a,h)anthracene	19.05	278	268723	33.89	ng	99
91) Benzo(g,h,i)perylene	19.40	276	270967	33.56	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

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BNA_F

ClientSampleId :

S-11(0-10)MSD

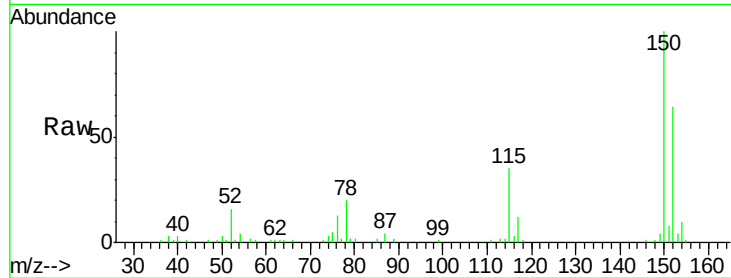
Tgt Ion:152 Resp: 39374

Ion Ratio Lower Upper

152 100

150 156.3 119.5 179.3

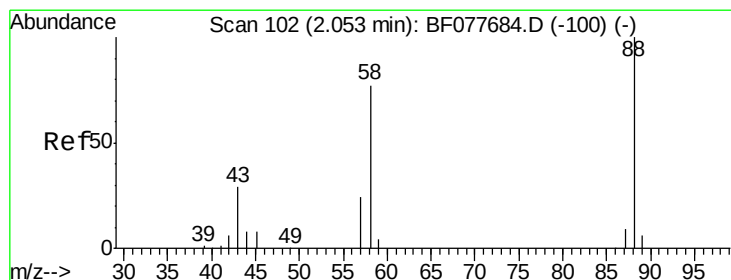
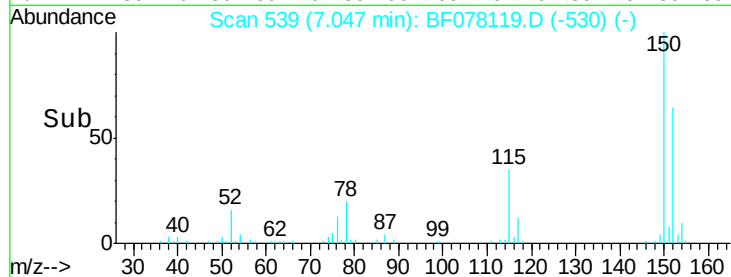
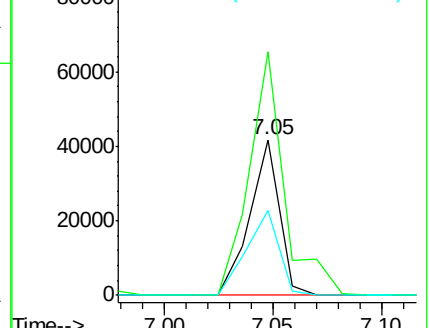
115 54.8 43.0 64.4



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: 30.27 ng

RT: 1.90 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

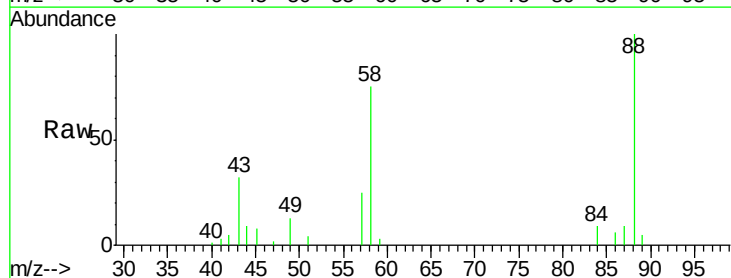
Tgt Ion: 88 Resp: 31002

Ion Ratio Lower Upper

88 100

58 70.7 0.0 0.0#

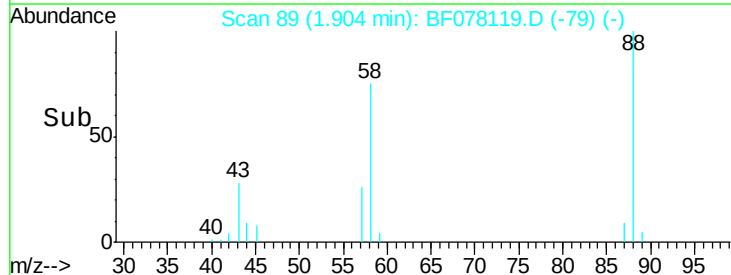
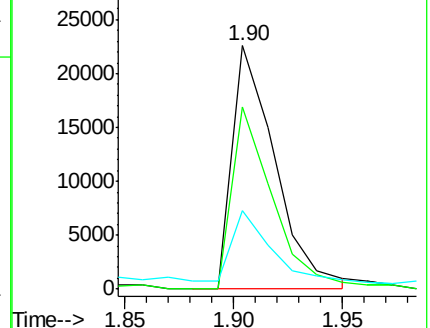
43 25.1 0.0 0.0#

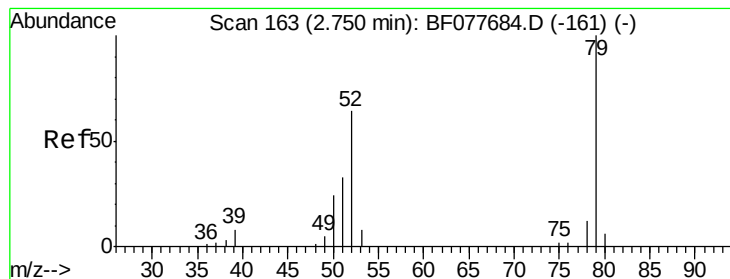


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 16.45 ng

RT: 2.58 min Scan# 148

Delta R.T. 0.05 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

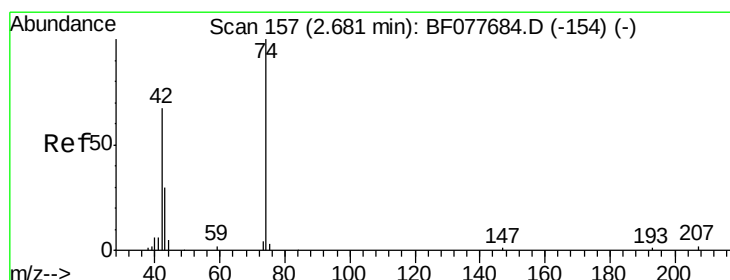
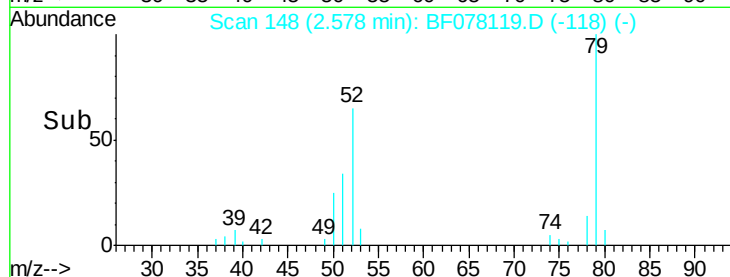
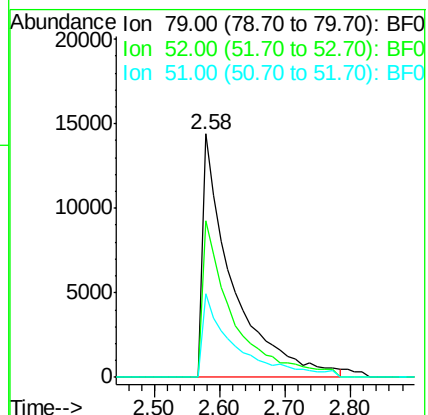
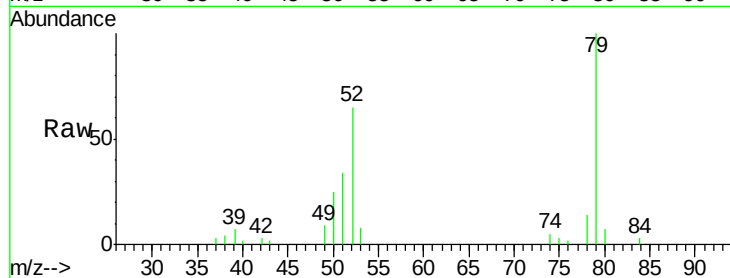
Tgt Ion: 79 Resp: 45263

Ion Ratio Lower Upper

79 100

52 64.5 51.1 76.7

51 34.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 30.69 ng

RT: 2.49 min Scan# 140

Delta R.T. 0.01 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

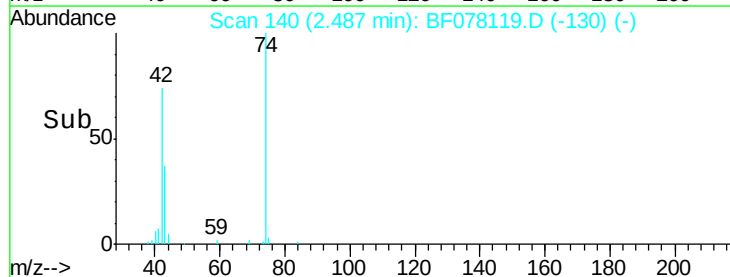
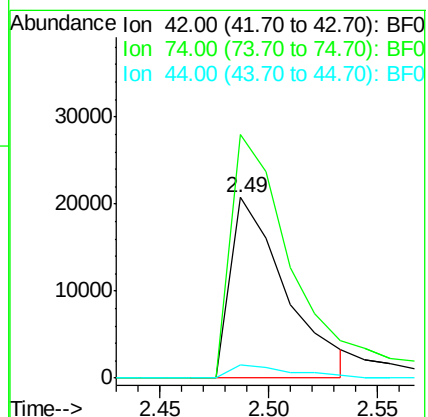
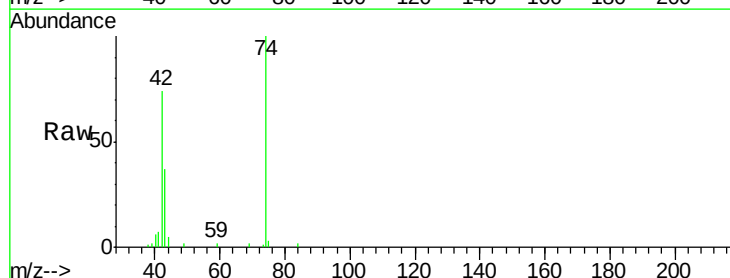
Tgt Ion: 42 Resp: 36769

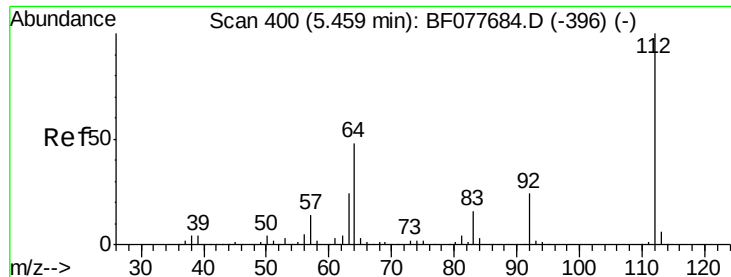
Ion Ratio Lower Upper

42 100

74 135.0 119.3 178.9

44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 113.05 ng

RT: 5.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

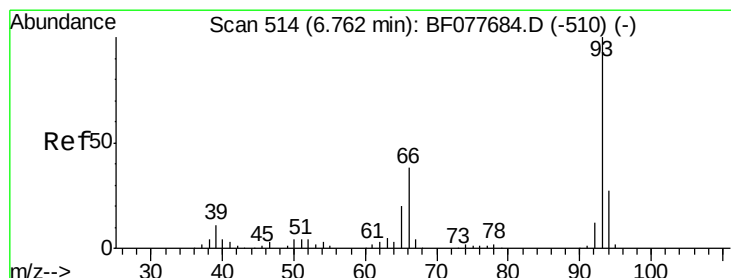
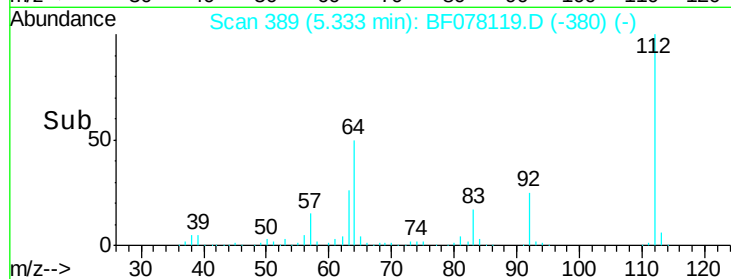
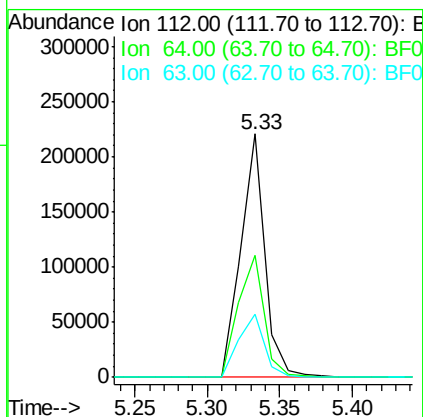
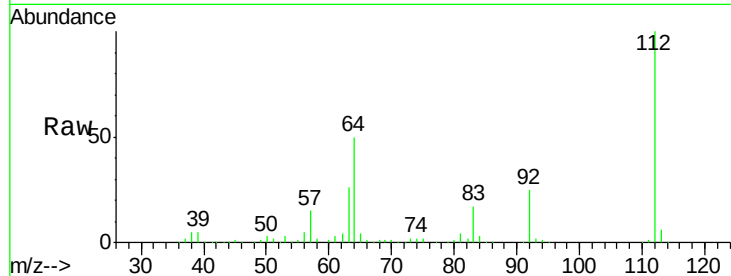
Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

Tgt Ion:	112	Resp:	255007
Ion	Ratio	Lower	Upper
112	100		
64	50.3	38.6	57.8
63	25.9	19.3	28.9



#6

Aniline

Concen: 23.57 ng

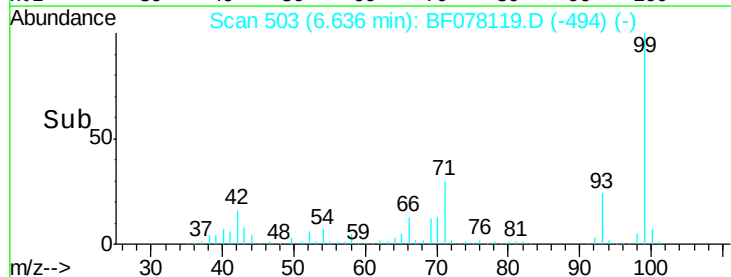
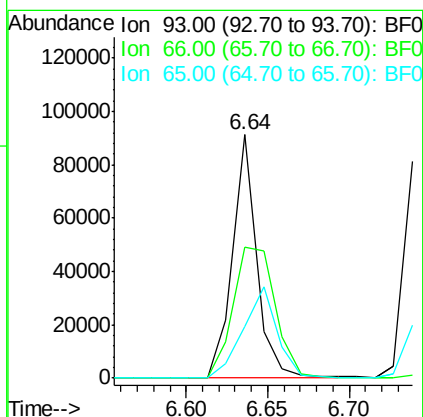
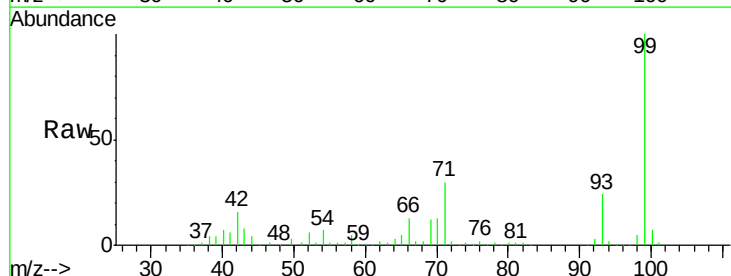
RT: 6.64 min Scan# 503

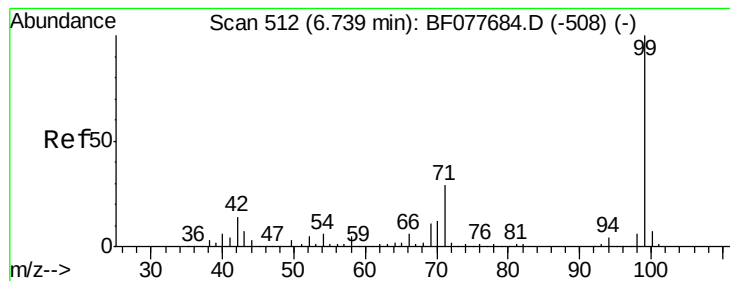
Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Tgt Ion:	93	Resp:	93966
Ion	Ratio	Lower	Upper
93	100		
66	53.7	30.8	46.2#
65	21.3	16.0	24.0





#7

Phenol-d6

Concen: 119.67 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

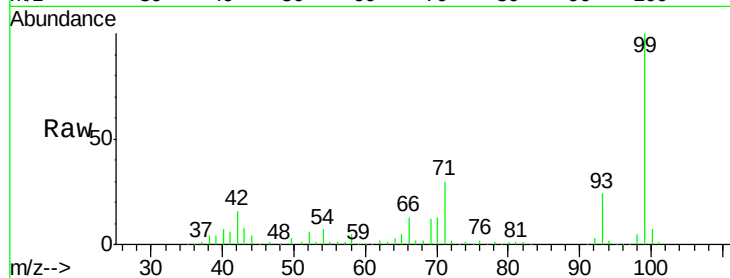
Tgt Ion: 99 Resp: 333520

Ion Ratio Lower Upper

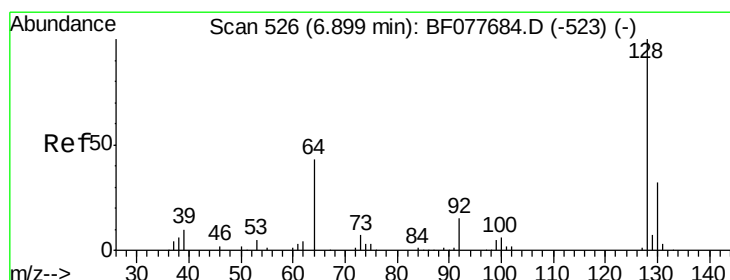
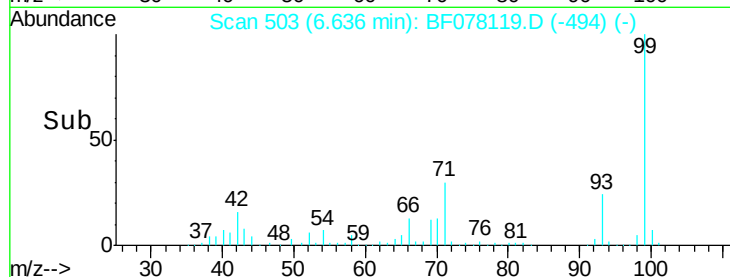
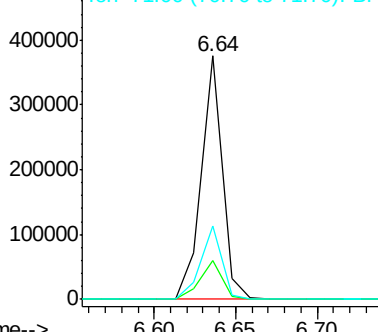
99 100

42 15.8 11.0 16.4

71 30.3 23.4 35.2



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



#8

2-Chlorophenol

Concen: 37.57 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

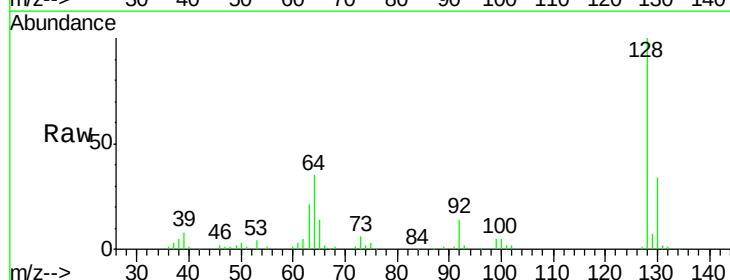
Tgt Ion: 128 Resp: 100872

Ion Ratio Lower Upper

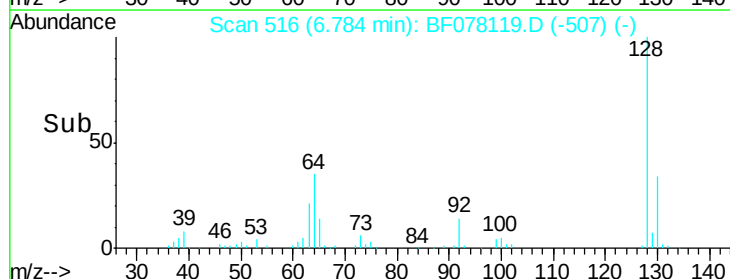
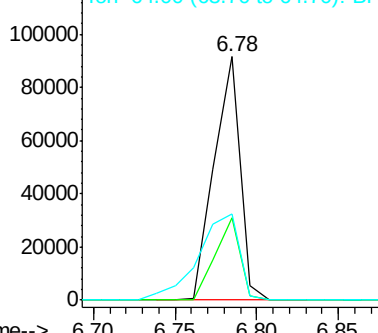
128 100

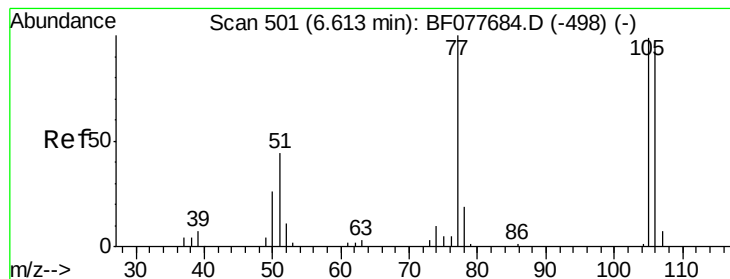
130 34.0 12.0 52.0

64 35.2 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: 2.87 ng

RT: 6.50 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF078119.D

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S-11(0-10)MSD

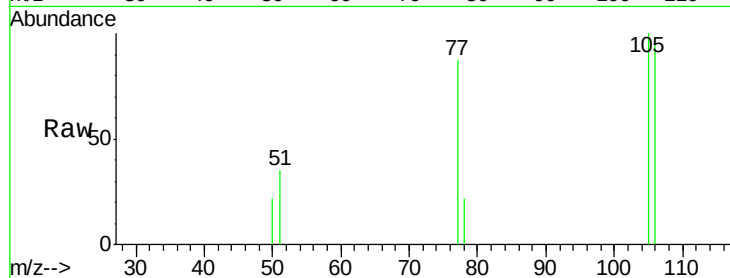
Tgt Ion: 77 Resp: 3278

Ion Ratio Lower Upper

77 100

105 114.3 78.8 118.8

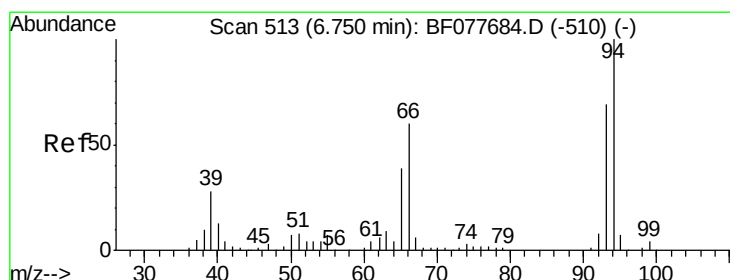
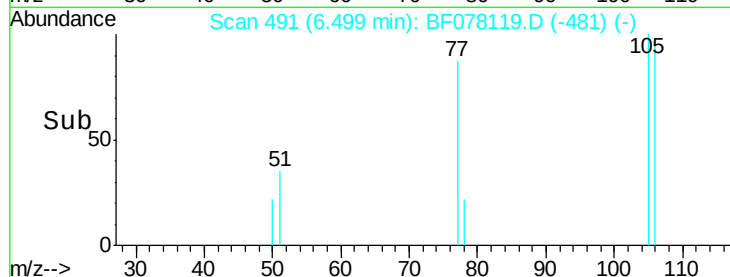
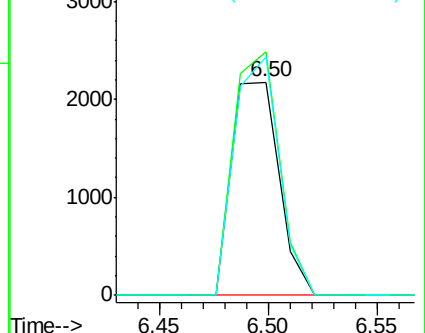
106 112.0 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.26 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

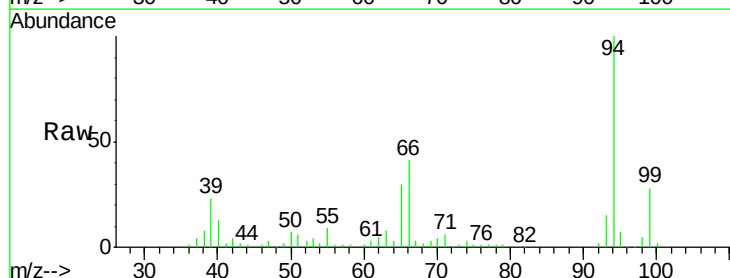
Tgt Ion: 94 Resp: 126047

Ion Ratio Lower Upper

94 100

65 29.5 18.8 58.8

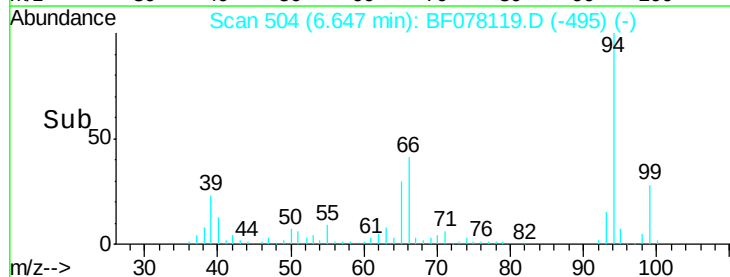
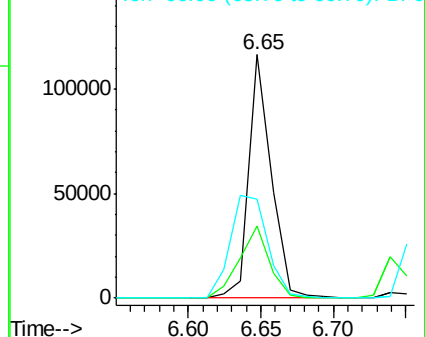
66 40.7 39.9 79.9

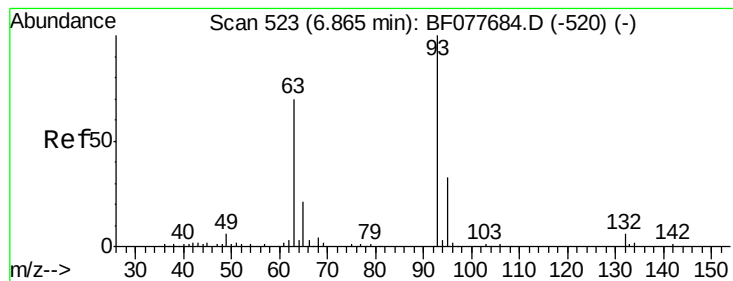


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.85 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

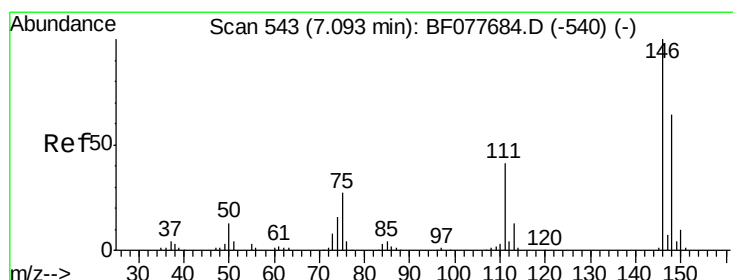
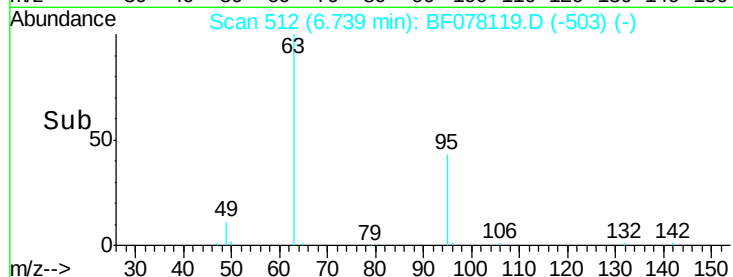
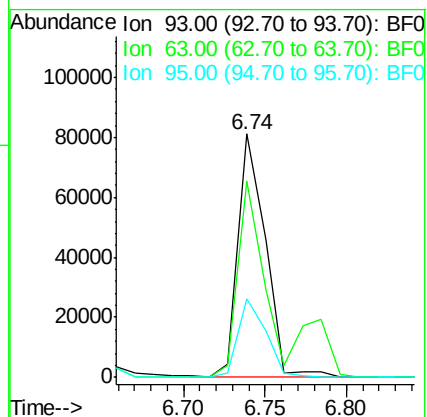
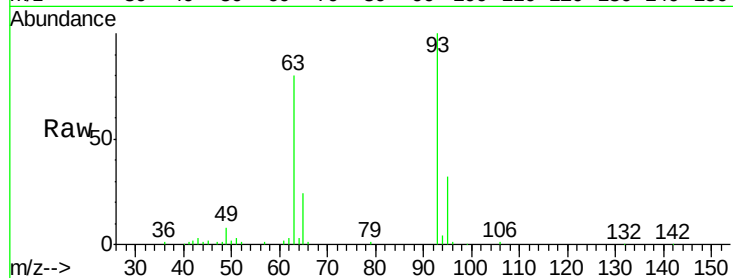
Tgt Ion: 93 Resp: 93396

Ion Ratio Lower Upper

93 100

63 80.5 49.5 89.5

95 32.2 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 35.43 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

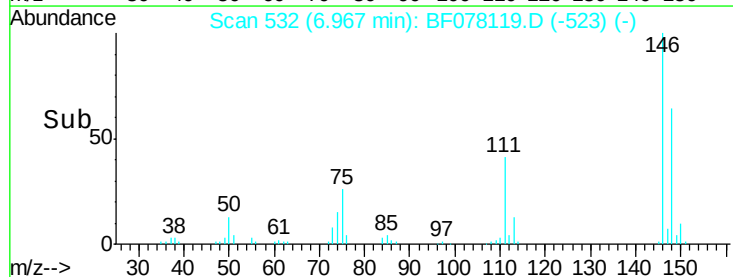
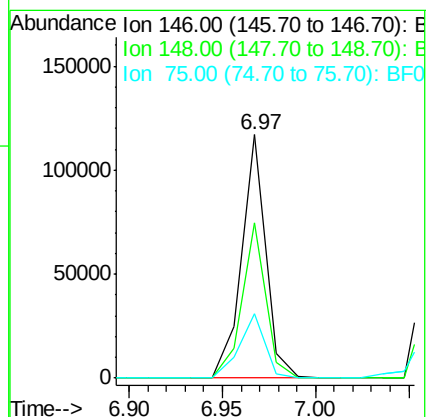
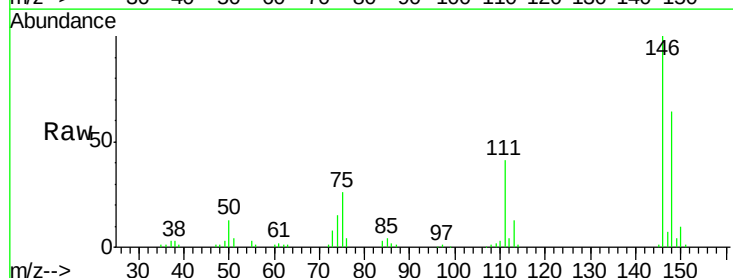
Tgt Ion: 146 Resp: 105804

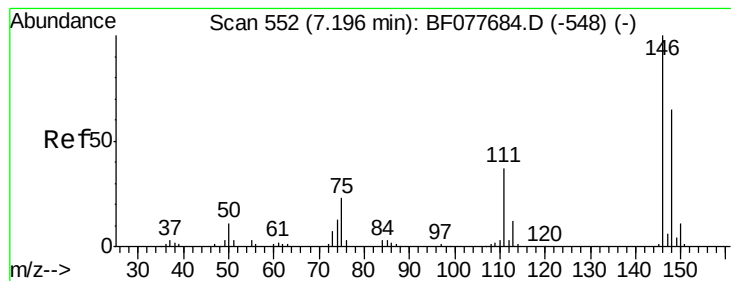
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

75 26.4 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 33.54 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

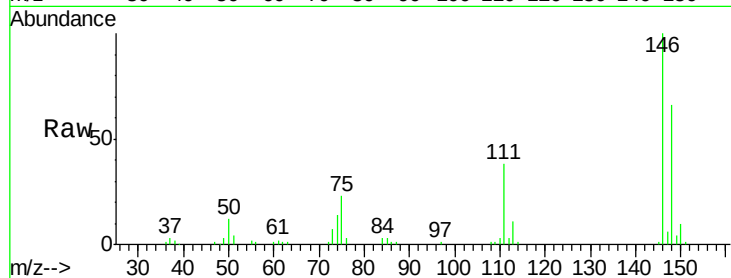
Tgt Ion:146 Resp: 104076

Ion Ratio Lower Upper

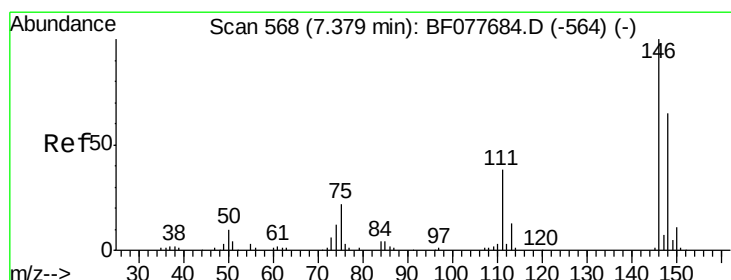
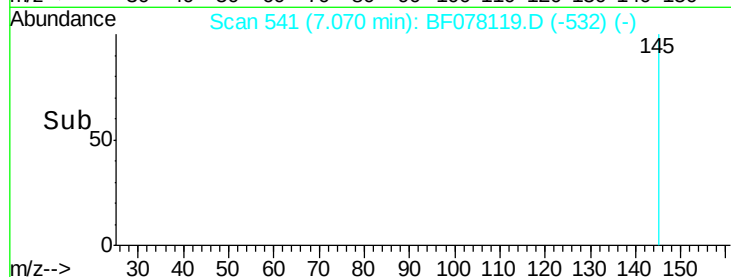
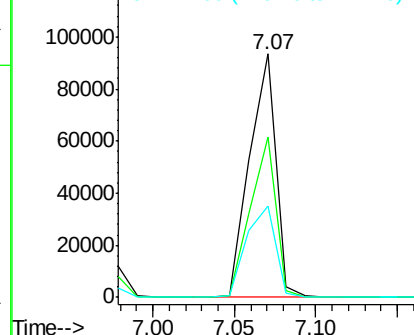
146 100

148 65.9 51.9 77.9

111 37.5 29.2 43.8



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



#14

1,2-Dichlorobenzene

Concen: 34.91 ng

RT: 7.25 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

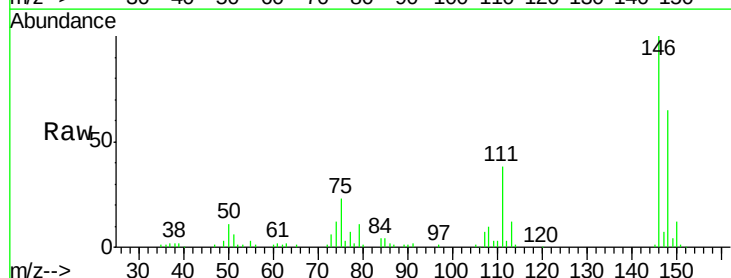
Tgt Ion:146 Resp: 99310

Ion Ratio Lower Upper

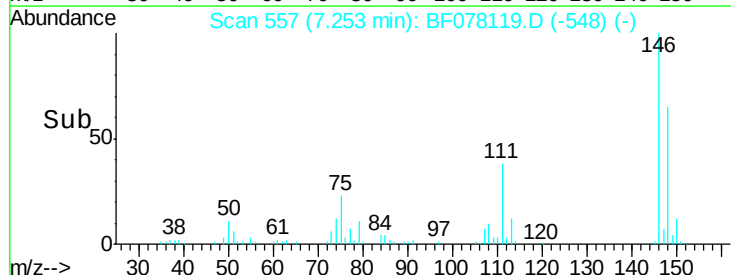
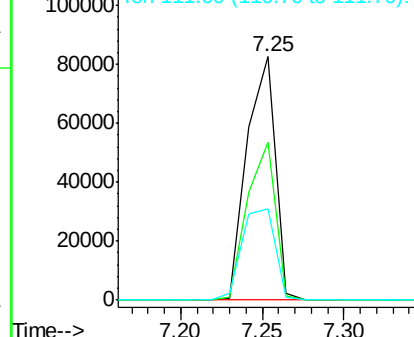
146 100

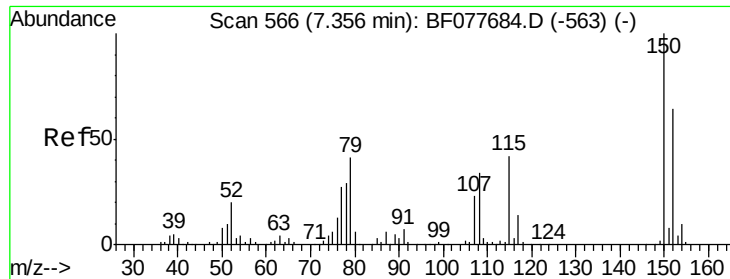
148 64.8 52.3 78.5

111 37.6 30.6 45.8



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

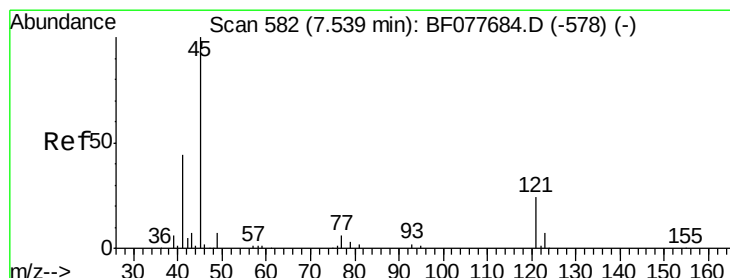
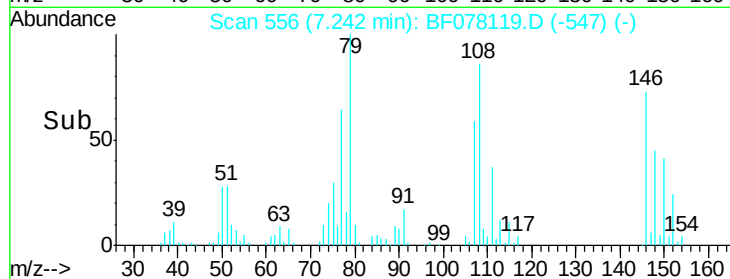
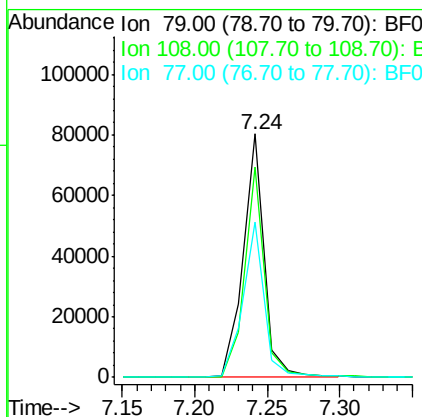
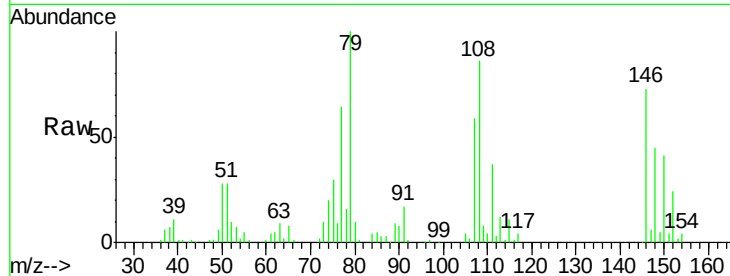




#15
Benzyl Alcohol
Concen: 37.38 ng
RT: 7.24 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

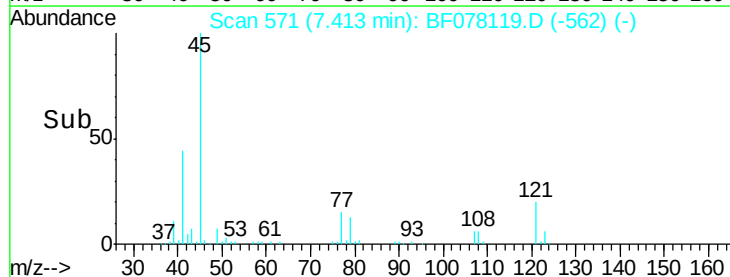
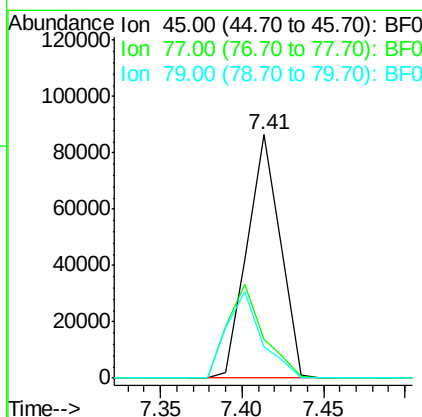
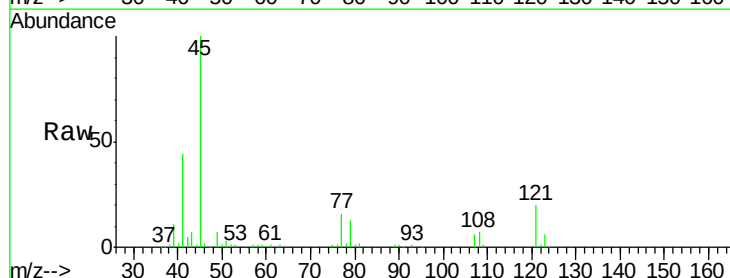
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

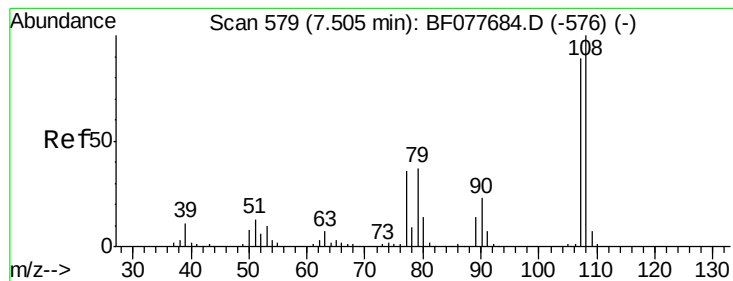
Tgt Ion: 79 Resp: 81320
Ion Ratio Lower Upper
79 100
108 86.2 65.0 97.4
77 63.6 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.52 ng
RT: 7.41 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion: 45 Resp: 121459
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.2
79 12.9 0.0 32.0





#17

2-Methylphenol

Concen: 36.05 ng

RT: 7.40 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

Tgt Ion:107 Resp: 78798

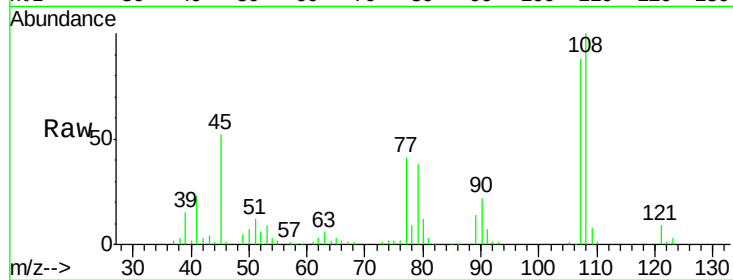
Ion Ratio Lower Upper

107 100

108 114.2 89.8 134.8

77 47.0 32.6 48.8

79 42.8 32.8 49.2

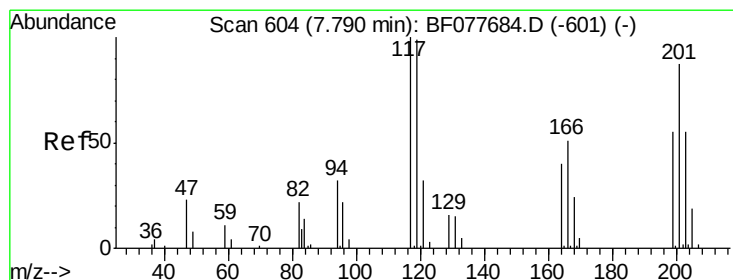
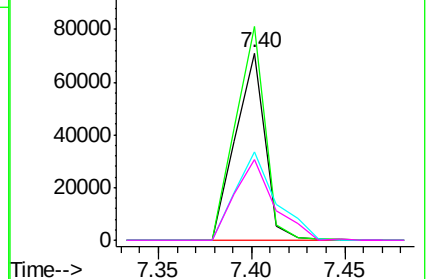
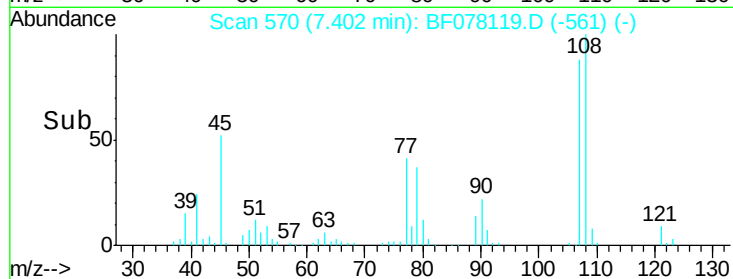


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.66 ng

RT: 7.66 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

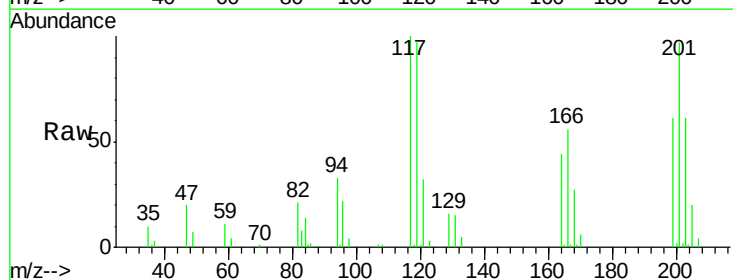
Tgt Ion:117 Resp: 35273

Ion Ratio Lower Upper

117 100

119 97.4 79.2 118.8

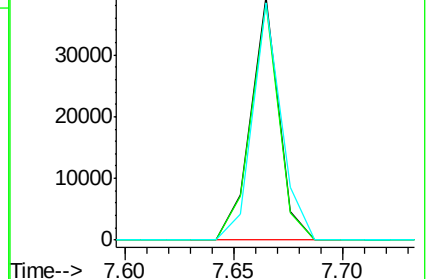
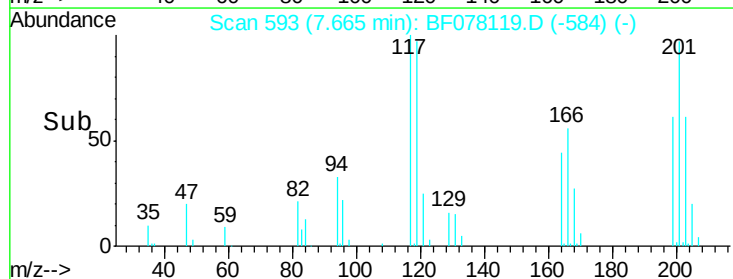
201 97.4 69.8 104.6

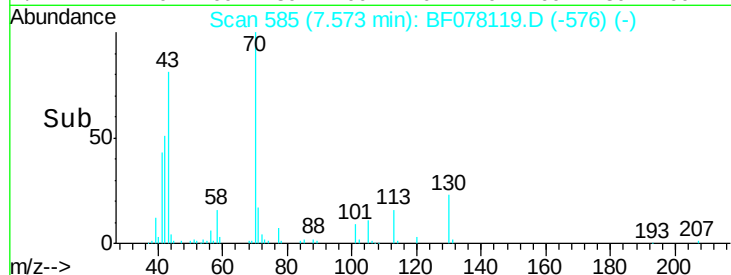
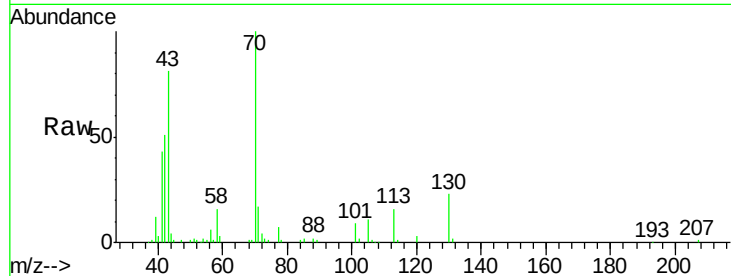
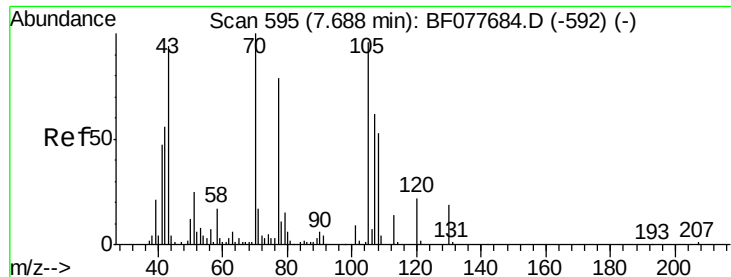


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

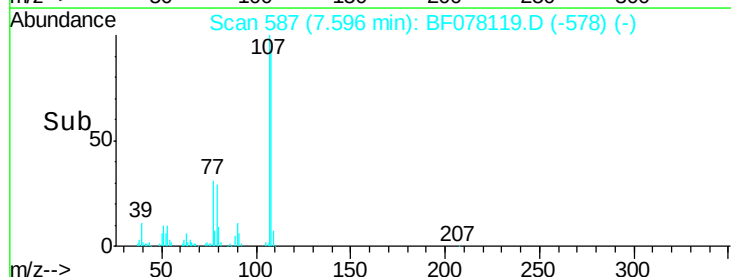
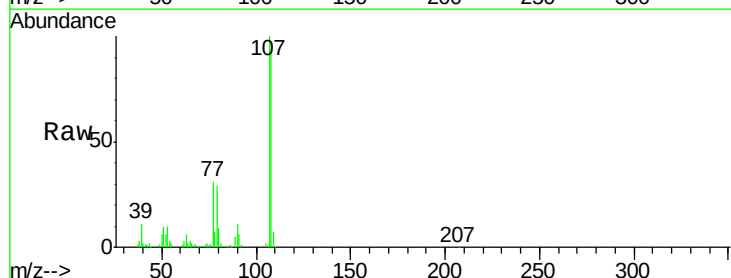
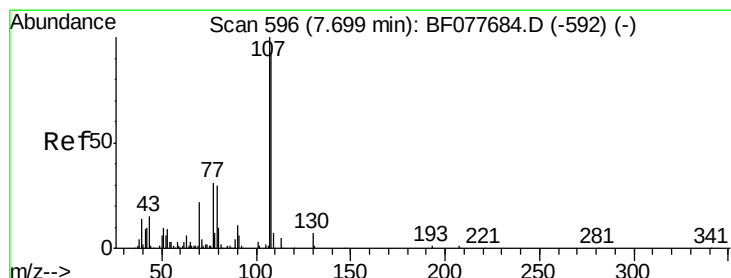
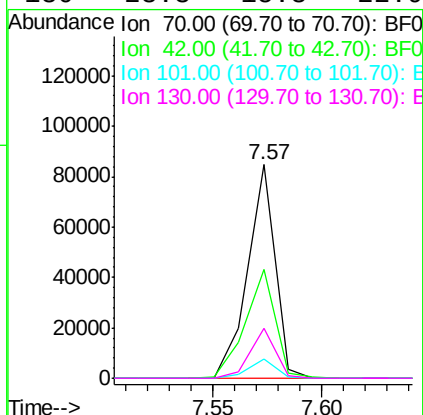




#19
n-Nitroso-di-n-propylamine
Concen: 38.42 ng
RT: 7.57 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

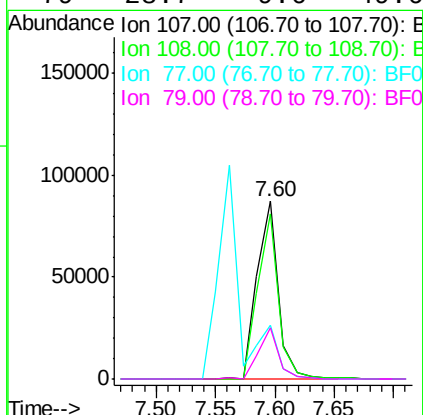
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

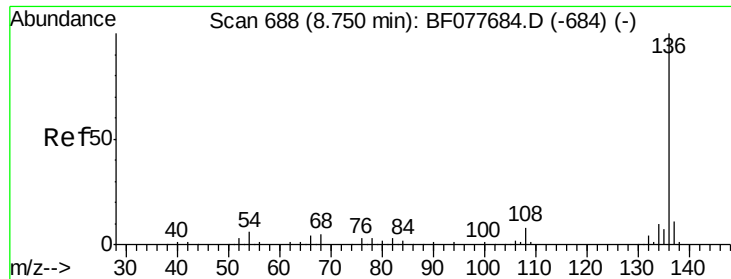
Tgt Ion:	70	Resp:	74066
Ion	Ratio	Lower	Upper
70	100		
42	51.0	44.5	66.7
101	8.9	7.4	11.2
130	23.3	15.3	22.9#



#20
3+4-Methylphenols
Concen: 38.55 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:	107	Resp:	110562
Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.2	113.2
77	30.6	10.7	50.7
79	28.7	9.6	49.6

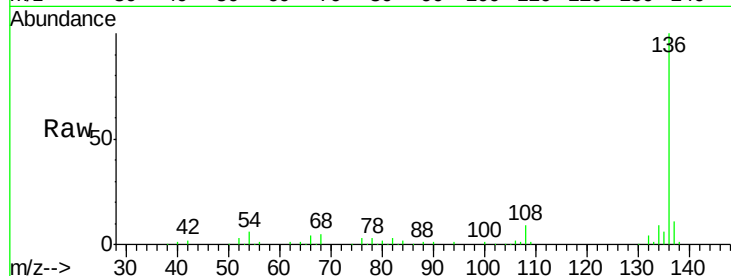




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

Tgt Ion:	136	Resp:	163584
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.0	4.6	6.8
68	4.7	3.7	5.5



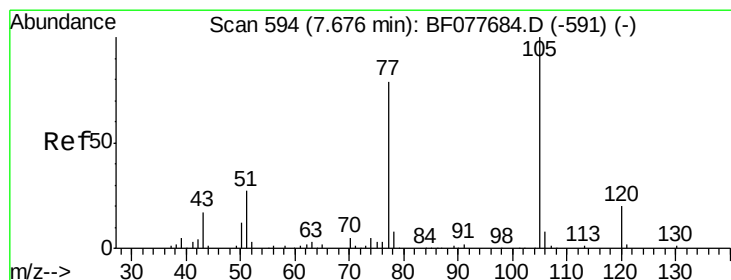
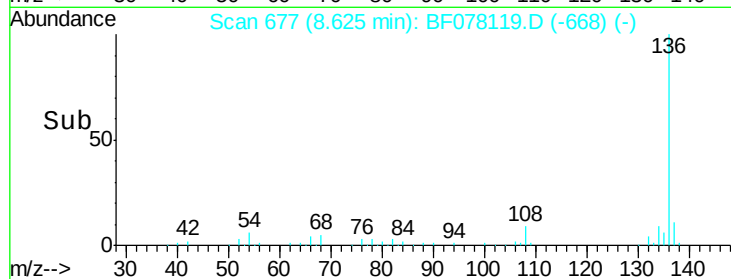
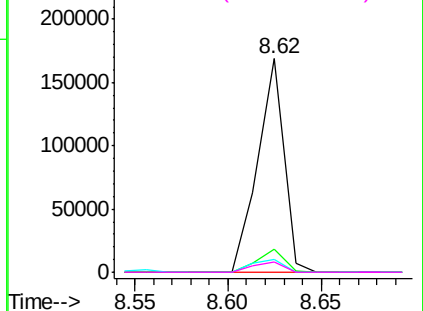
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

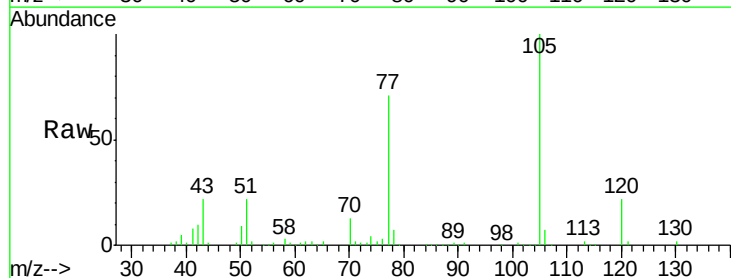
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 39.77 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:	105	Resp:	144038
Ion	Ratio	Lower	Upper
105	100		
71	2.3	0.6	1.0#
51	21.8	21.6	32.4
120	22.2	16.1	24.1



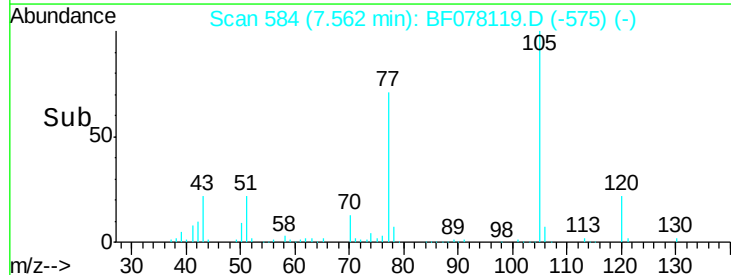
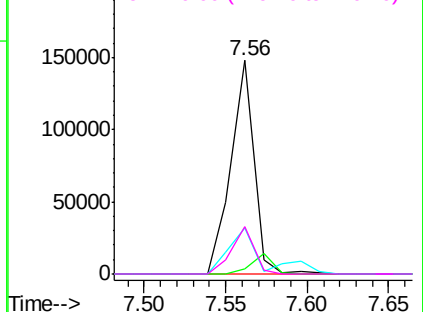
Abundance

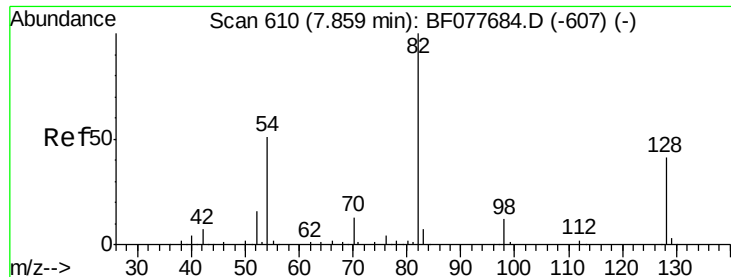
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

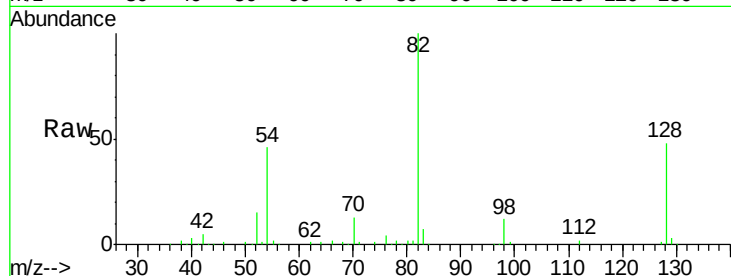




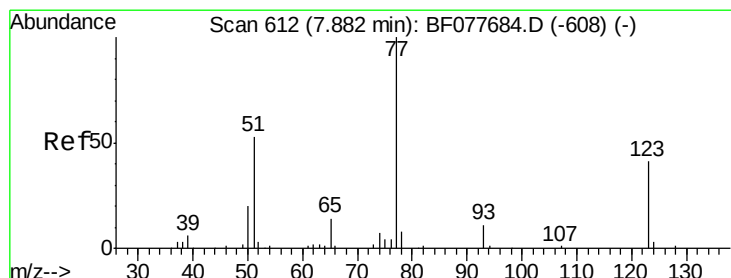
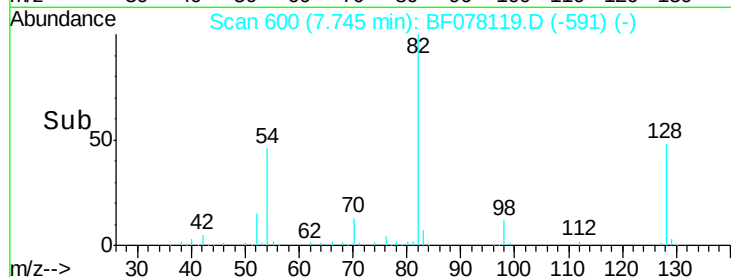
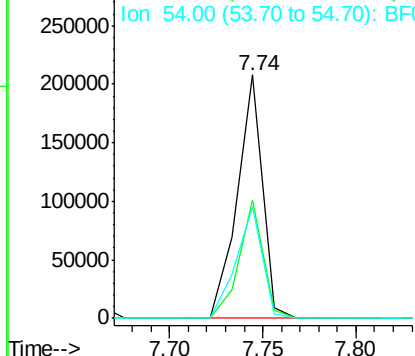
#23
 Nitrobenzene-d5
 Concen: 78.92 ng
 RT: 7.74 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

Tgt Ion: 82 Resp: 196939
 Ion Ratio Lower Upper
 82 100
 128 48.4 32.8 49.2
 54 46.0 40.6 60.8

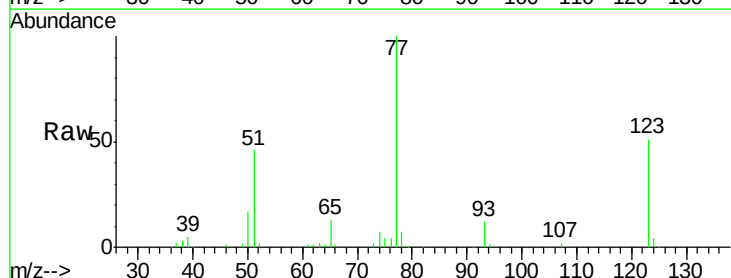


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

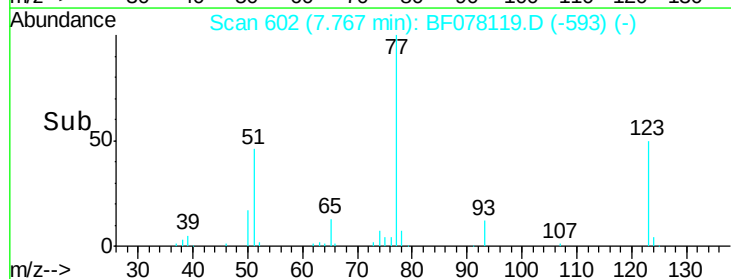
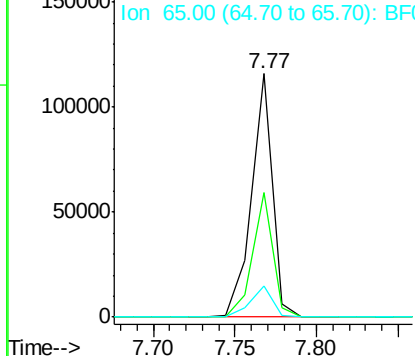


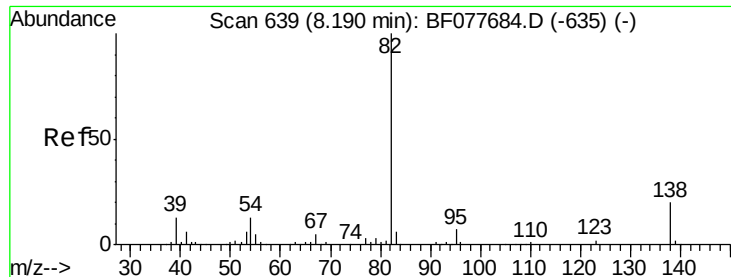
#24
 Nitrobenzene
 Concen: 38.32 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion: 77 Resp: 103020
 Ion Ratio Lower Upper
 77 100
 123 51.3 32.6 49.0#
 65 12.9 10.9 16.3



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





#25

Isophorone

Concen: 37.41 ng

RT: 8.06 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

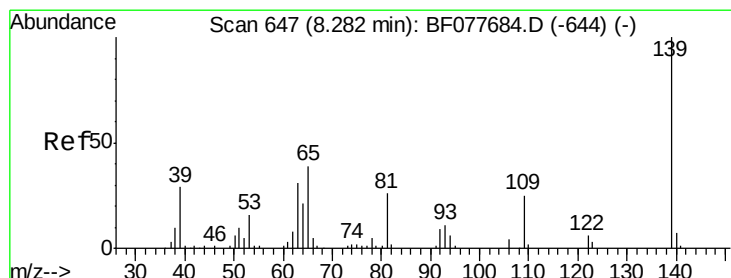
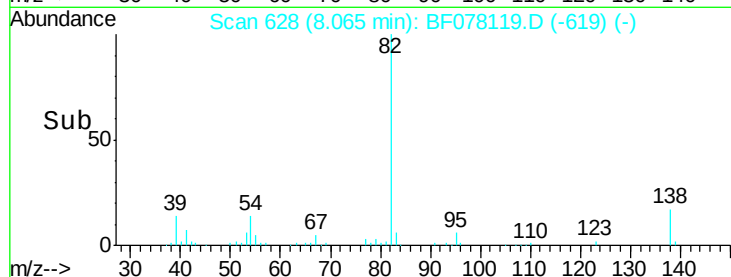
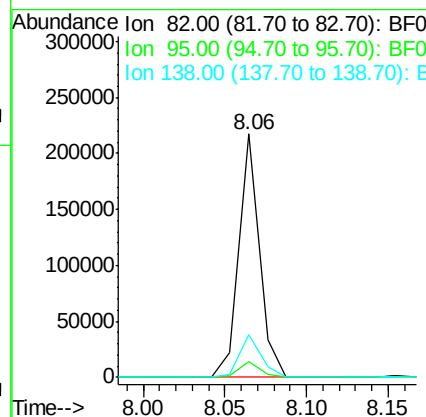
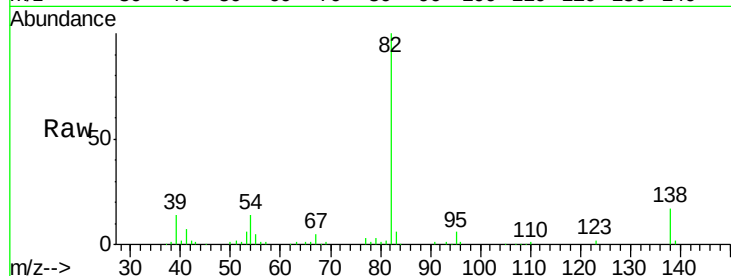
Tgt Ion: 82 Resp: 188545

Ion Ratio Lower Upper

82 100

95 6.3 5.8 8.6

138 17.3 16.3 24.5



#26

2-Nitrophenol

Concen: 37.10 ng

RT: 8.16 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

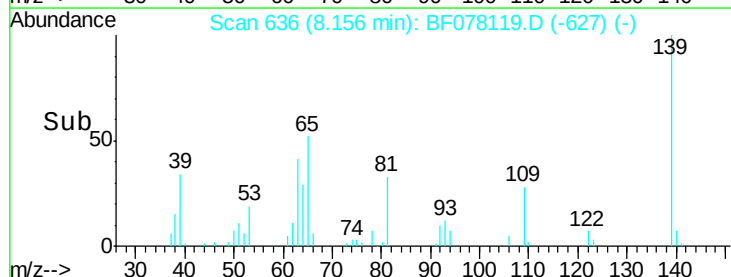
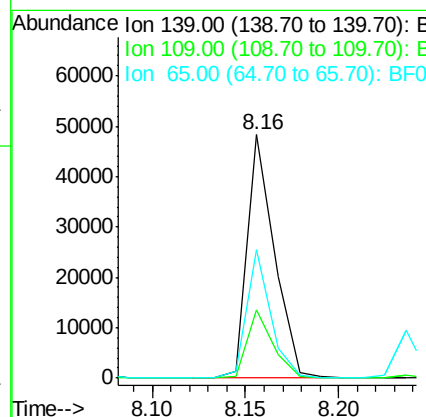
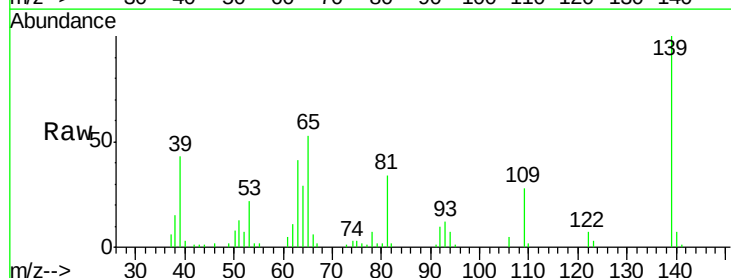
Tgt Ion: 139 Resp: 48832

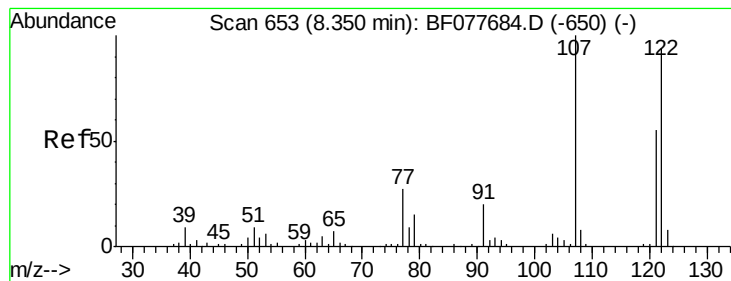
Ion Ratio Lower Upper

139 100

109 27.9 20.1 30.1

65 52.8 31.5 47.3#

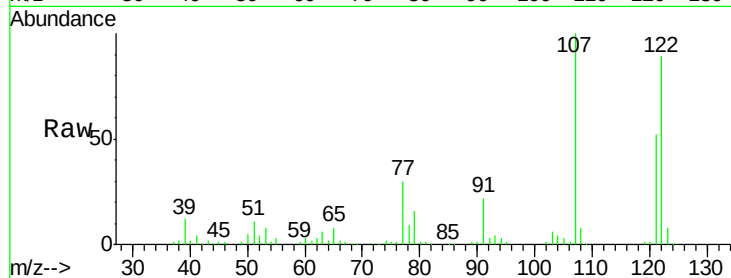




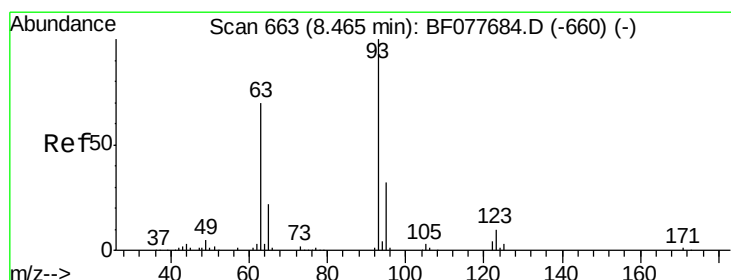
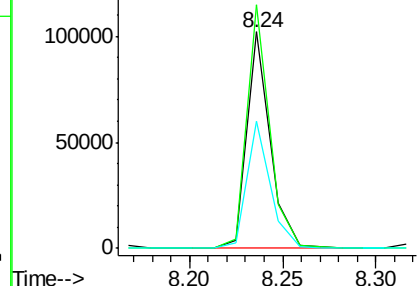
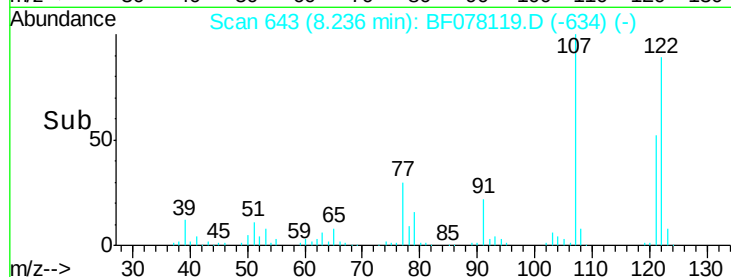
#27
 2,4-Dimethylphenol
 Concen: 37.00 ng
 RT: 8.24 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

Tgt Ion: 122 Resp: 88719
 Ion Ratio Lower Upper
 122 100
 107 112.4 84.7 127.1
 121 58.4 46.6 69.8

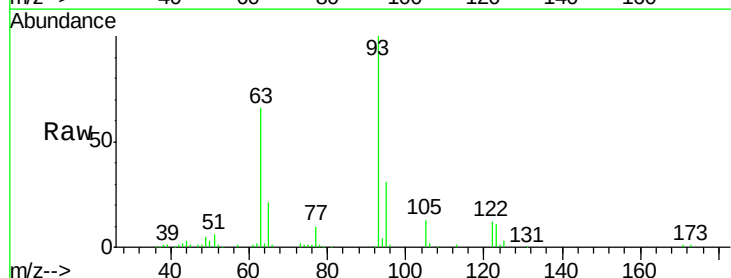


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

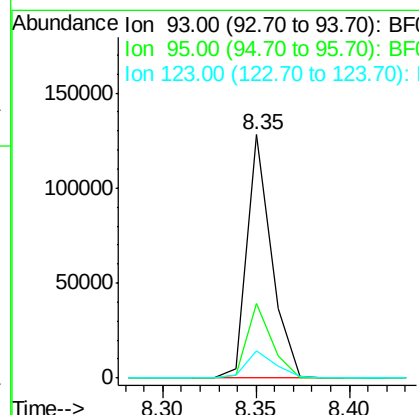
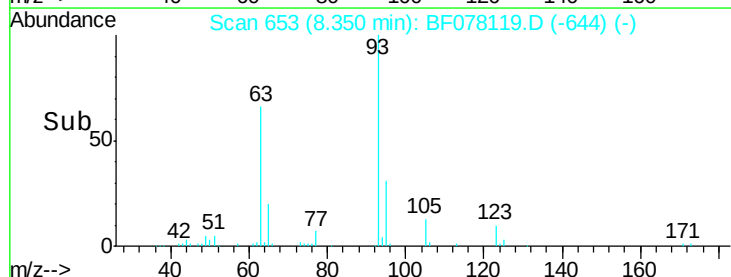


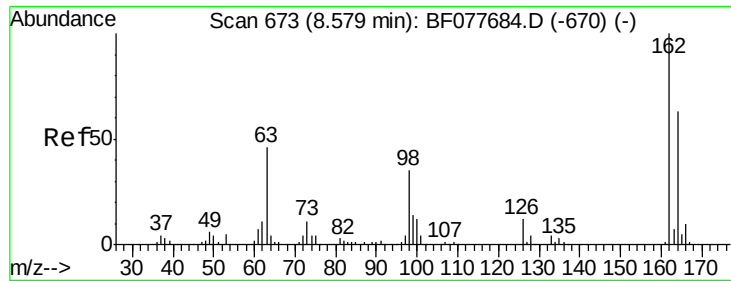
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.15 ng
 RT: 8.35 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion: 93 Resp: 116696
 Ion Ratio Lower Upper
 93 100
 95 30.9 25.5 38.3
 123 11.0 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

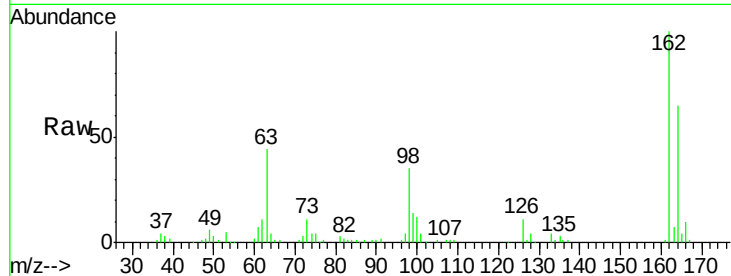




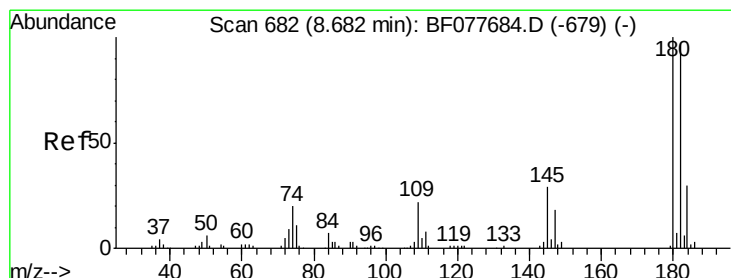
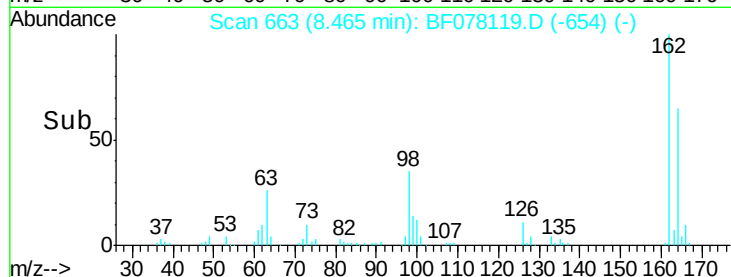
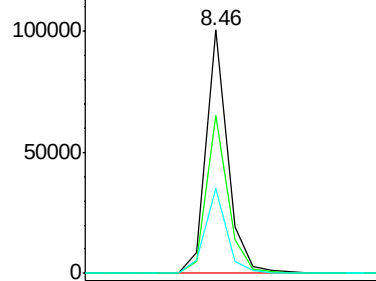
#29
2,4-Dichlorophenol
Concen: 39.85 ng
RT: 8.46 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

Tgt Ion:162 Resp: 91079
Ion Ratio Lower Upper
162 100
164 65.1 42.8 82.8
98 35.0 14.5 54.5

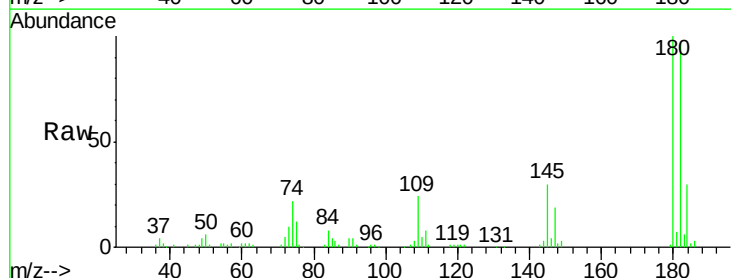


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

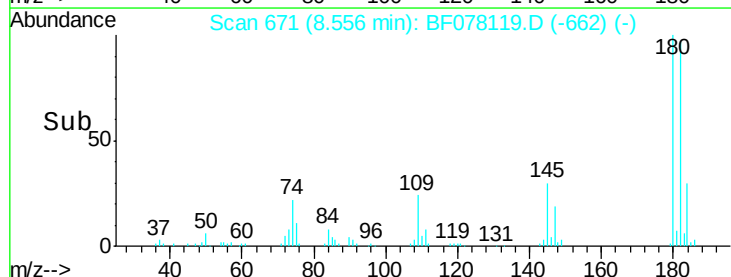
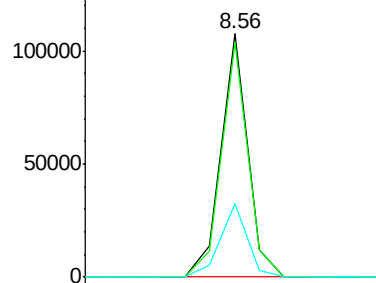


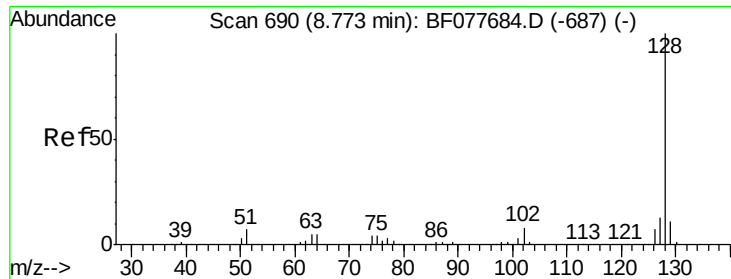
#30
1,2,4-Trichlorobenzene
Concen: 35.82 ng
RT: 8.56 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:180 Resp: 91593
Ion Ratio Lower Upper
180 100
182 96.5 77.6 116.4
145 30.1 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

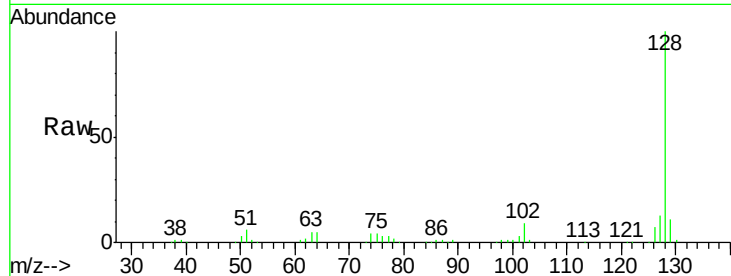




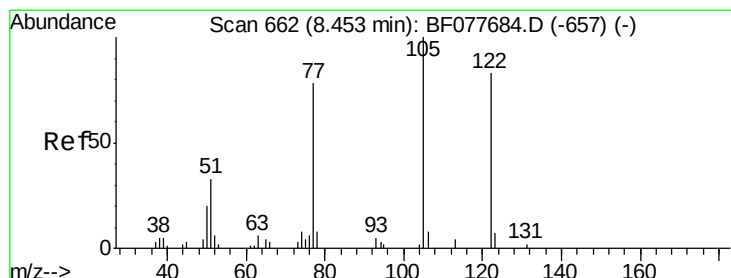
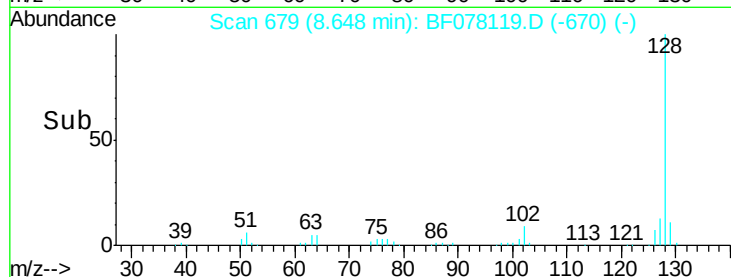
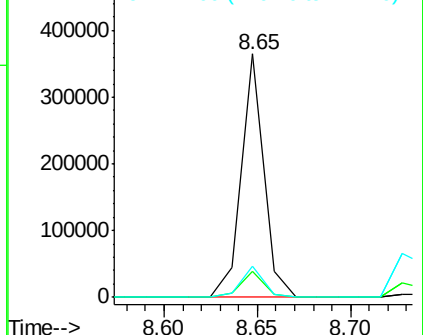
#31
Naphthalene
Concen: 36.60 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

Tgt Ion:128 Resp: 307501
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.4 15.6

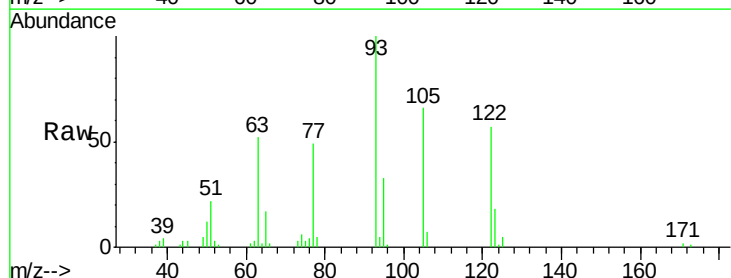


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

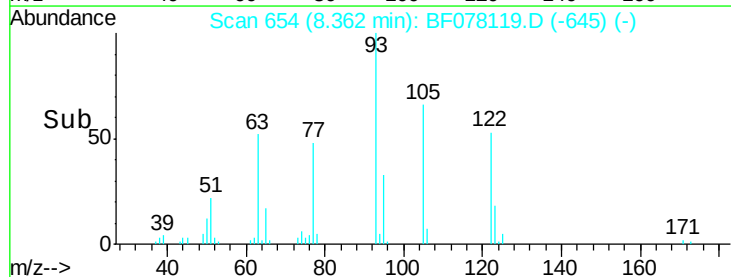
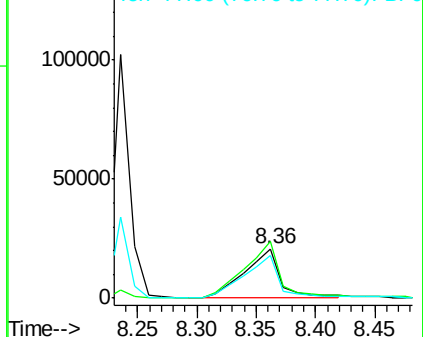


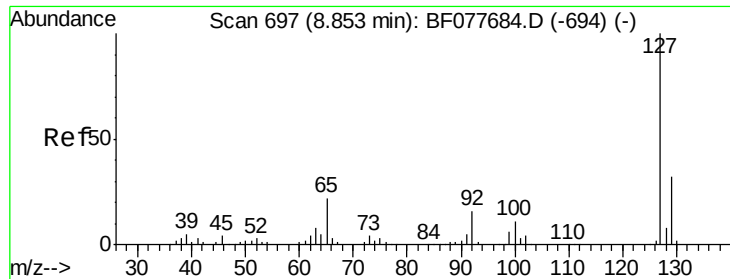
#32
Benzoic acid
Concen: 34.12 ng
RT: 8.36 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:122 Resp: 44361
Ion Ratio Lower Upper
122 100
105 115.4 99.9 139.9
77 86.9 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

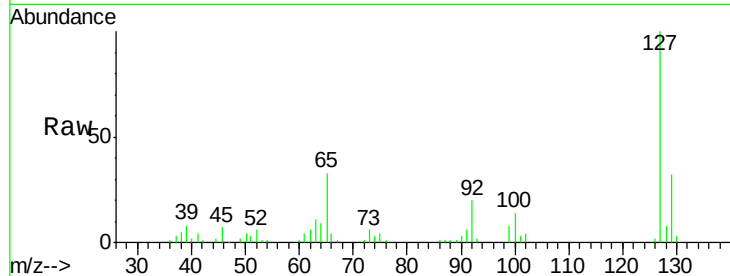




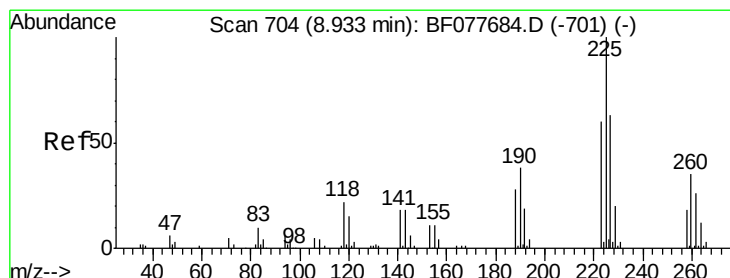
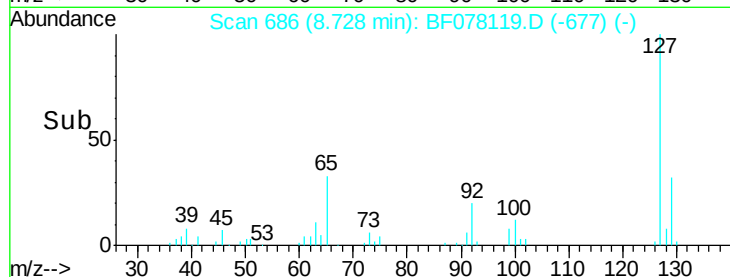
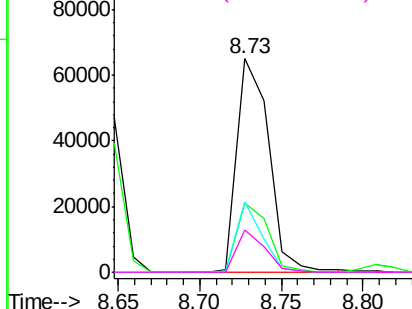
#33
4-Chloroaniline
Concen: 25.69 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

Tgt Ion:	127	Resp:	87582
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9
65	33.1	17.6	26.4
92	20.0	13.1	19.7

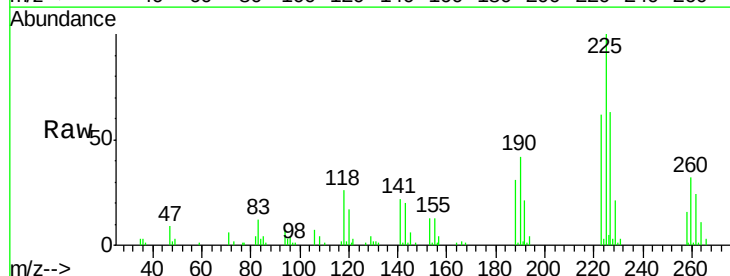


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

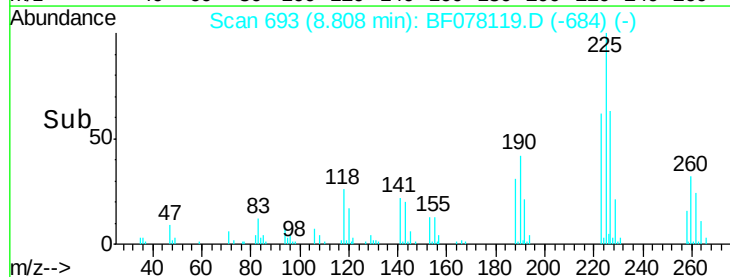
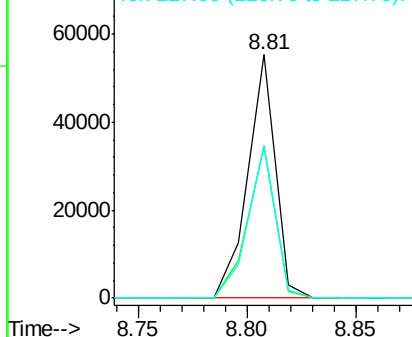


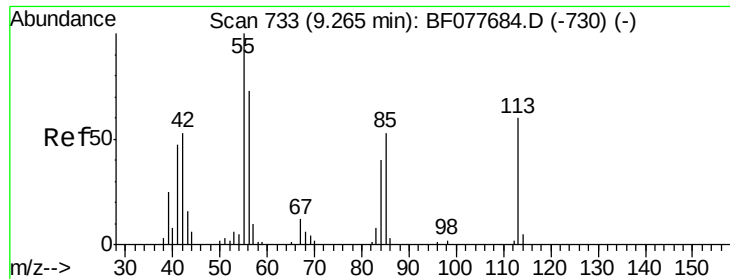
#34
Hexachlorobutadiene
Concen: 33.57 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:	225	Resp:	48659
Ion	Ratio	Lower	Upper
225	100		
223	62.2	47.9	71.9
227	62.9	50.1	75.1



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

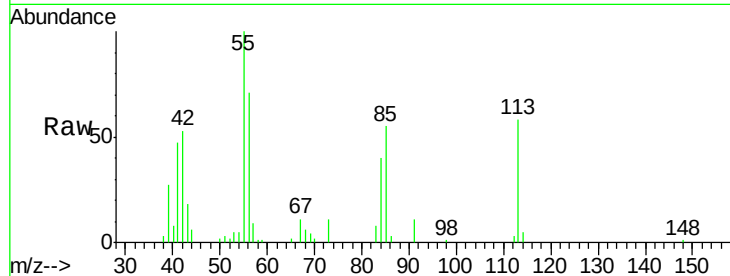




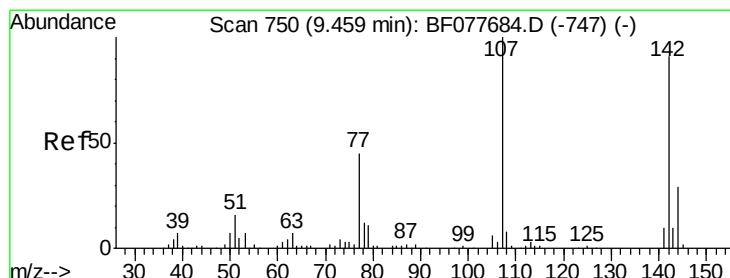
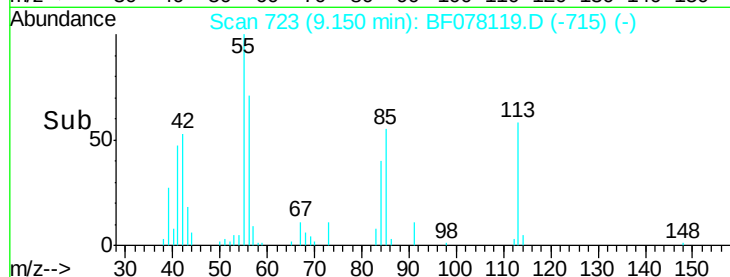
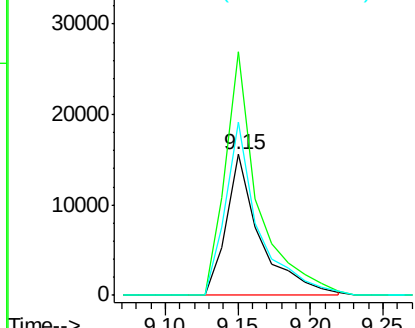
#35
 Caprolactam
 Concen: 38.22 ng
 RT: 9.15 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

Tgt Ion:113 Resp: 25529
 Ion Ratio Lower Upper
 113 100
 55 173.1 145.9 185.9
 56 123.1 101.0 141.0

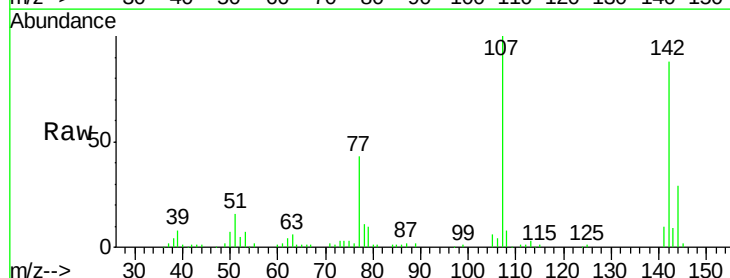


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

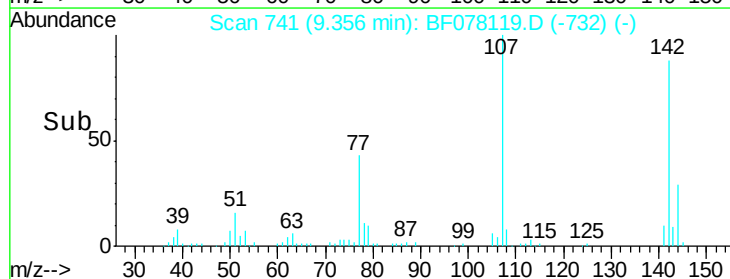
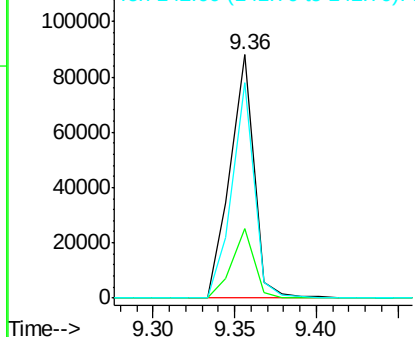


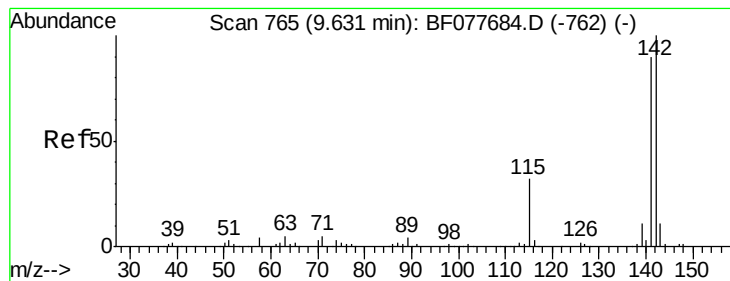
#36
 4-Chloro-3-methylphenol
 Concen: 39.05 ng
 RT: 9.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion:107 Resp: 89800
 Ion Ratio Lower Upper
 107 100
 144 28.7 23.3 34.9
 142 88.3 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: 37.47 ng

RT: 9.50 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

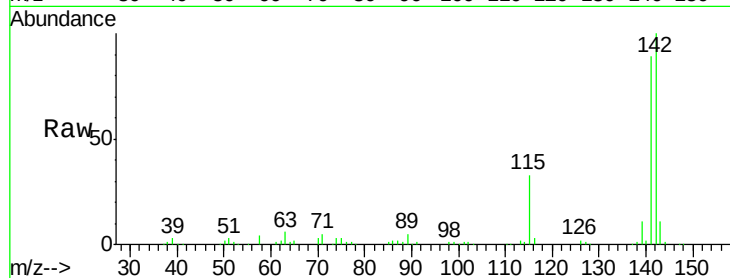
Tgt Ion:142 Resp: 211500

Ion Ratio Lower Upper

142 100

141 88.9 71.9 107.9

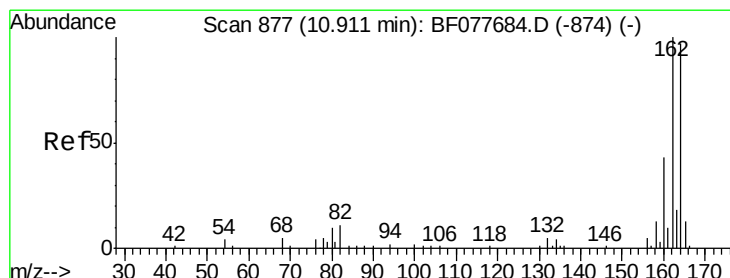
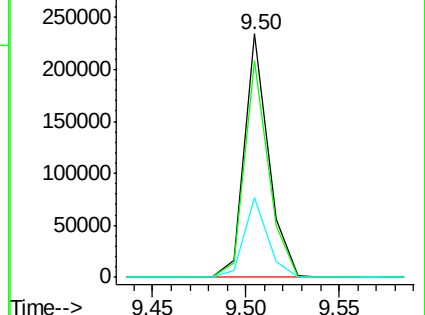
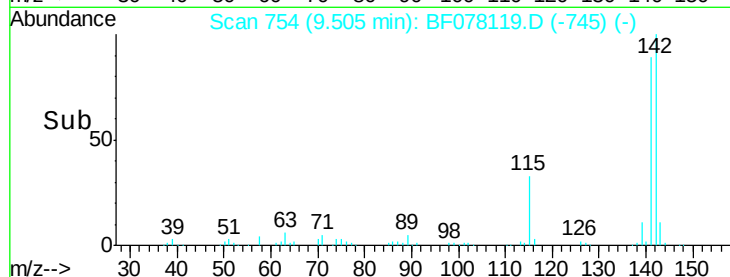
115 32.6 25.4 38.0



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: 10.78 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

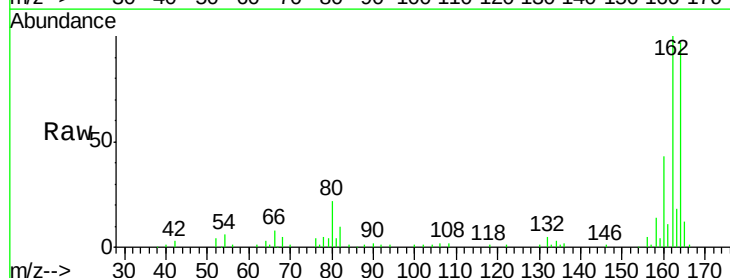
Tgt Ion:164 Resp: 84743

Ion Ratio Lower Upper

164 100

162 102.7 82.4 123.6

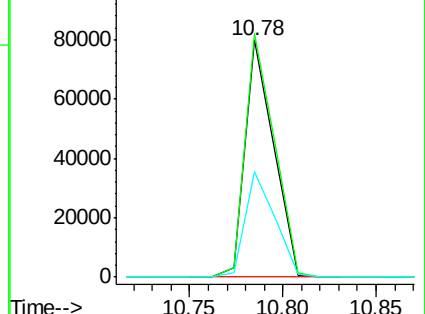
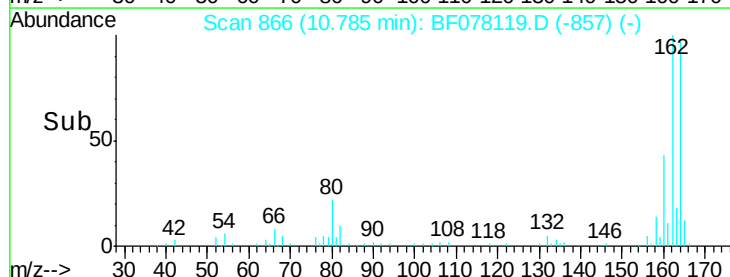
160 44.3 35.8 53.6

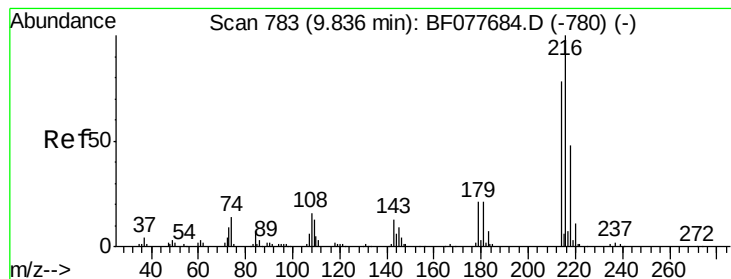


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.07 ng

RT: 9.71 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

Tgt Ion:216 Resp: 88651

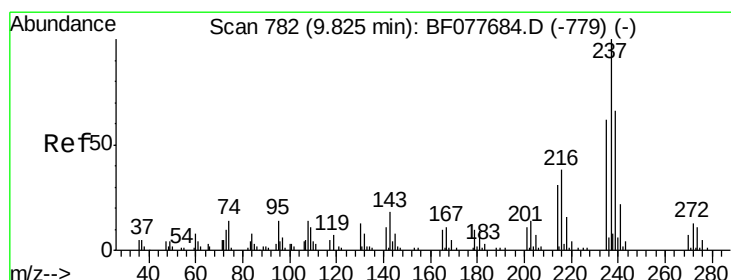
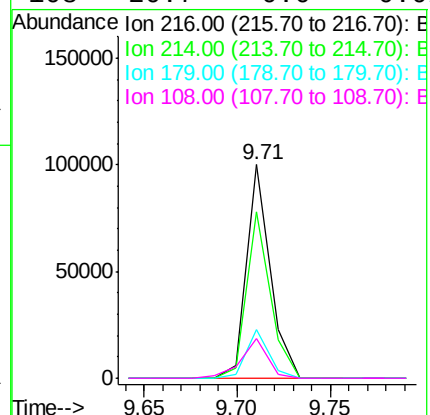
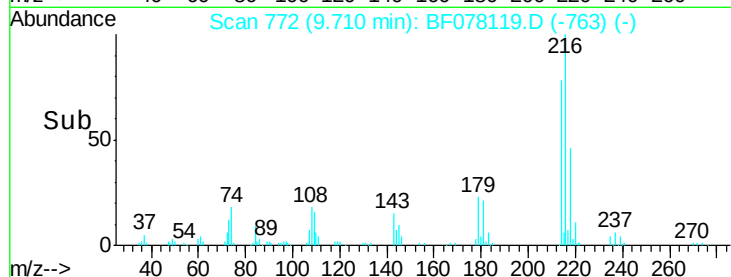
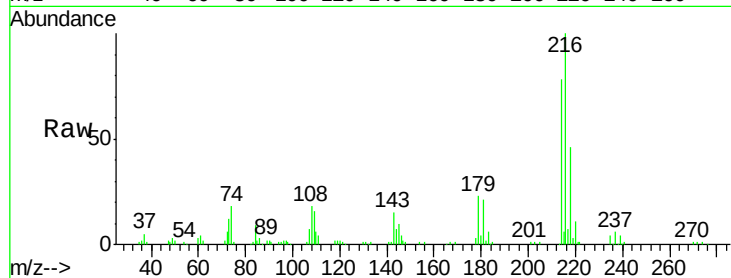
Ion Ratio Lower Upper

216 100

214 78.0 0.0 0.0#

179 22.0 0.0 0.0#

108 20.7 0.0 0.0#



#40

Hexachlorocyclopentadiene

Concen: 66.99 ng

RT: 9.70 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

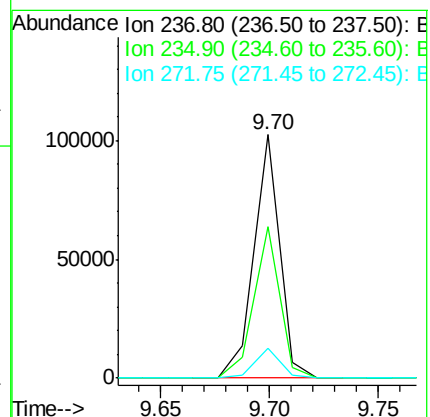
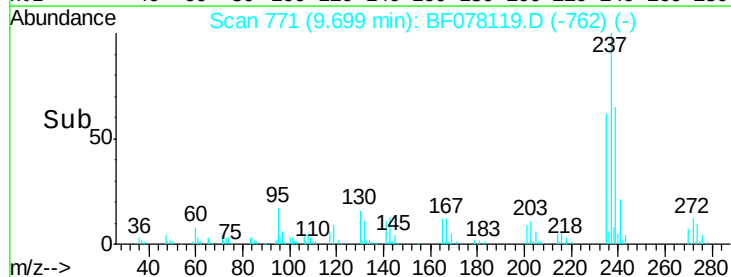
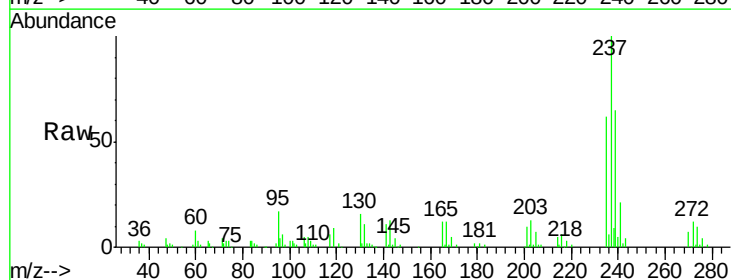
Tgt Ion:237 Resp: 84082

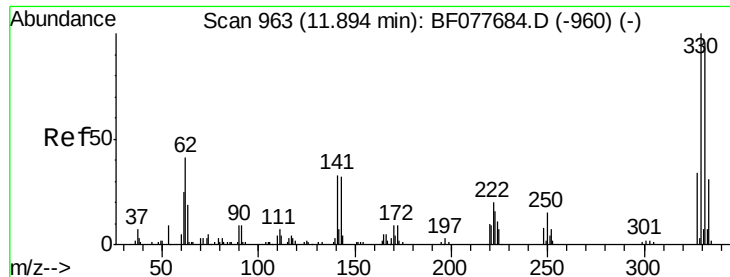
Ion Ratio Lower Upper

237 100

235 62.4 42.0 82.0

272 12.3 0.0 33.4

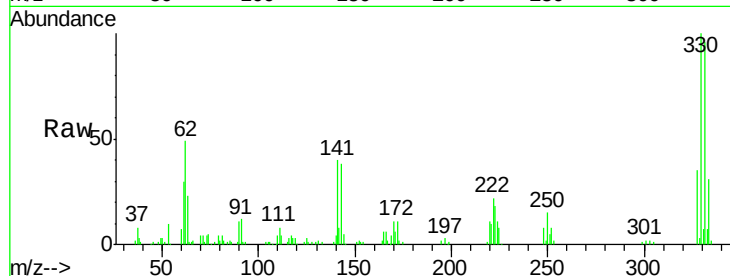




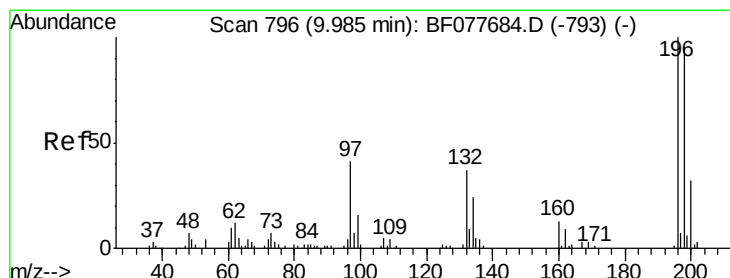
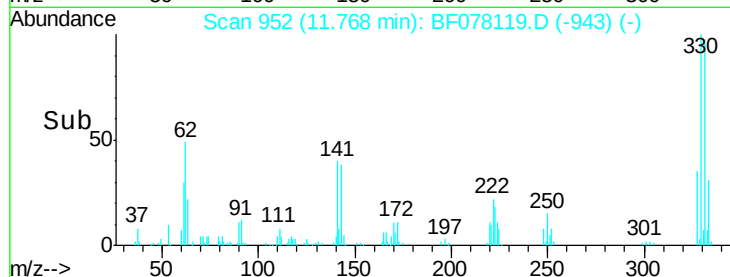
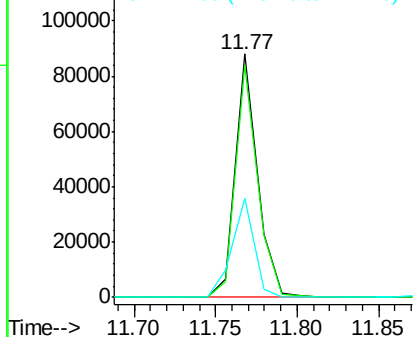
#41
 2,4,6-Tribromophenol
 Concen: 101.18 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	40.5	0.0	0.0#

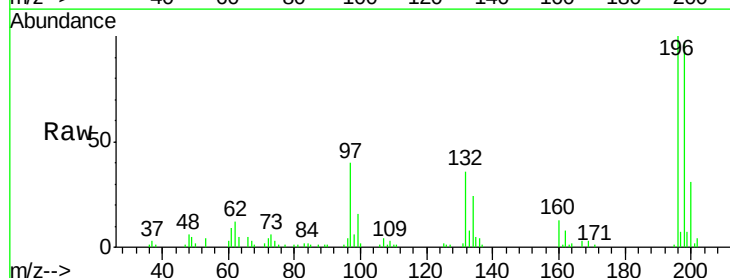


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

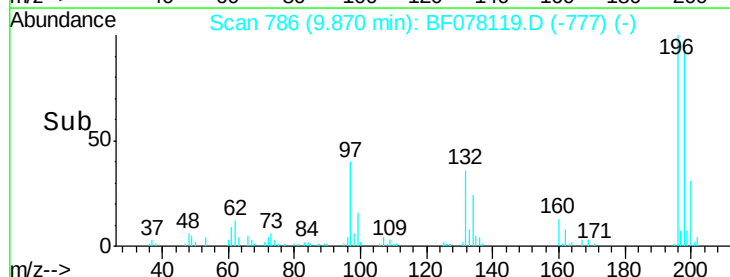
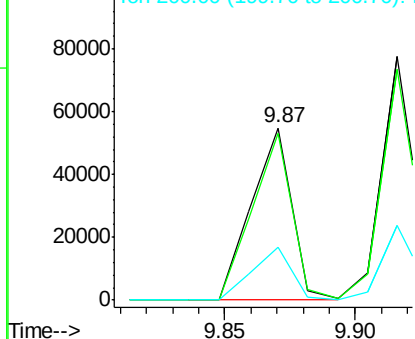


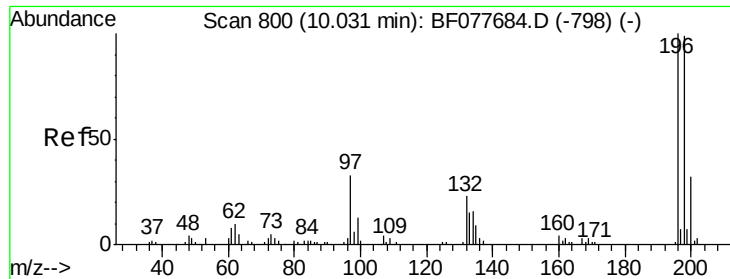
#42
 2,4,6-Trichlorophenol
 Concen: 33.93 ng
 RT: 9.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.3	114.5
200	30.9	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

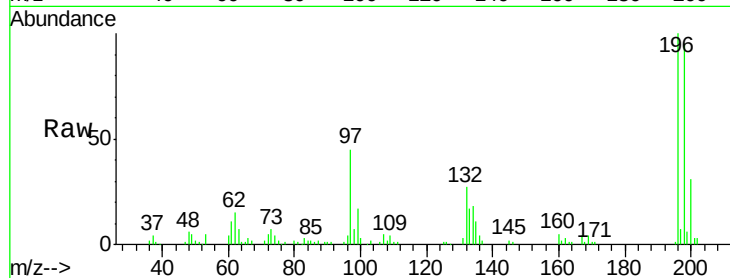




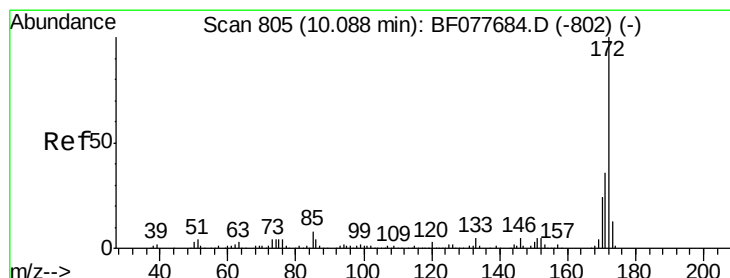
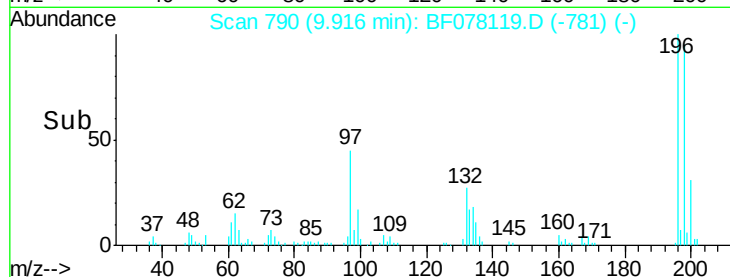
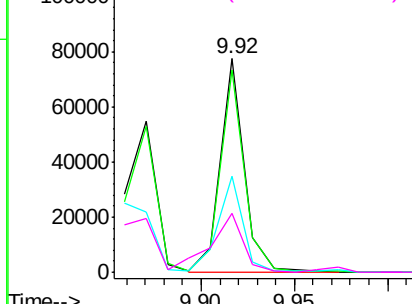
#43
 2,4,5-Trichlorophenol
 Concen: 36.82 ng
 RT: 9.92 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

Tgt Ion:	196	Resp:	69653
Ion	Ratio	Lower	Upper
196	100		
198	95.0	79.4	119.0
97	45.2	26.8	40.2#
132	27.4	18.6	28.0

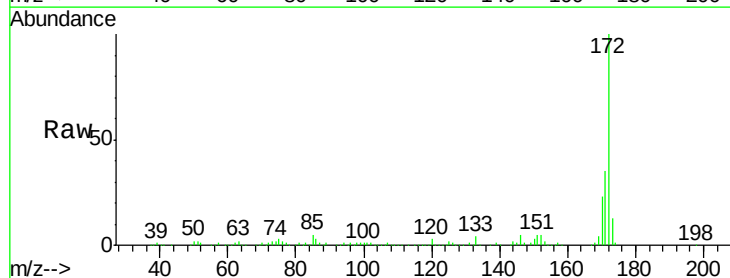


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

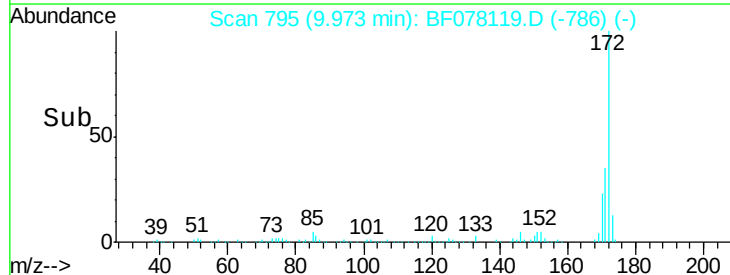
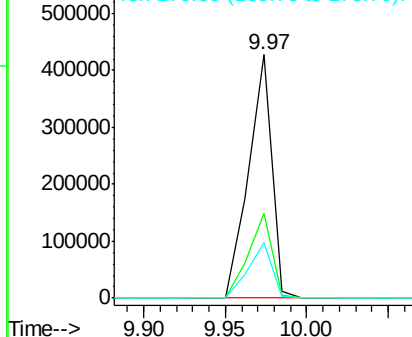


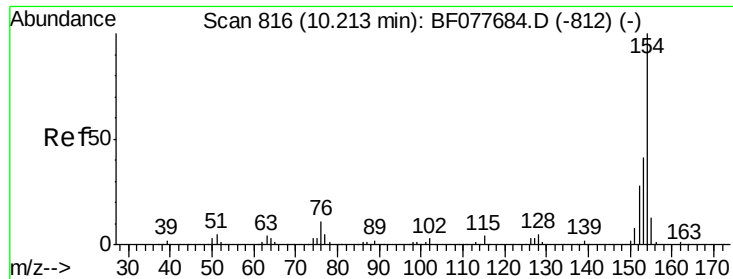
#44
 2-Fluorobiphenyl
 Concen: 73.04 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion:	172	Resp:	421168
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.8	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

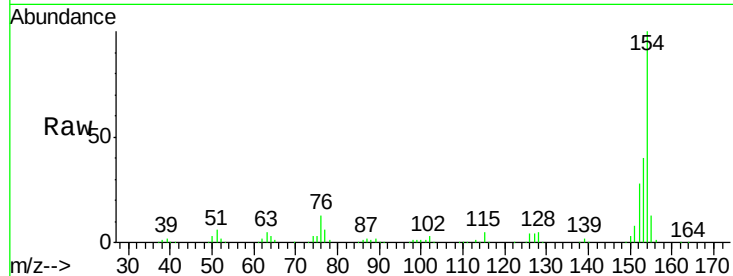




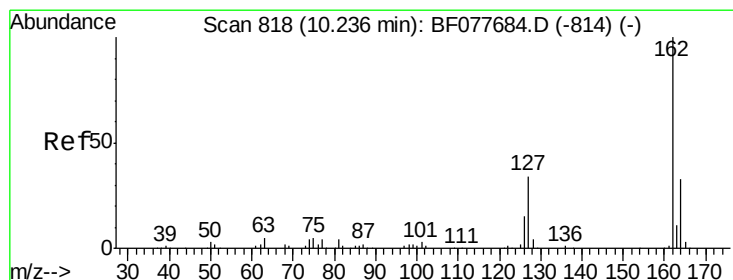
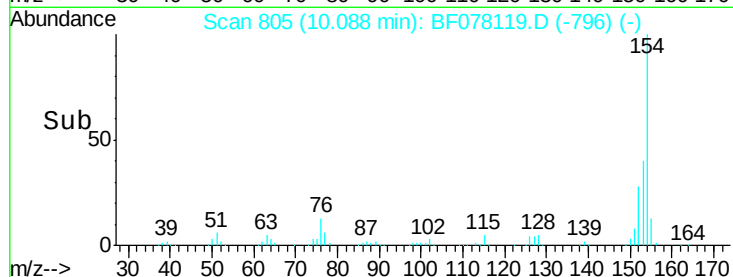
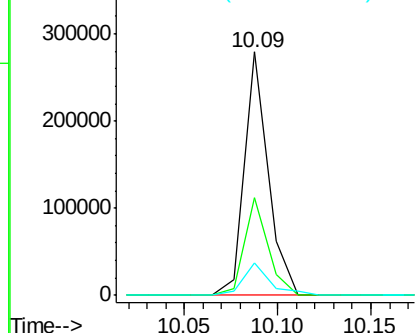
#45
1,1'-Biphenyl
Concen: 36.49 ng
RT: 10.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

Tgt Ion:154 Resp: 247179
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 13.5 0.0 30.9

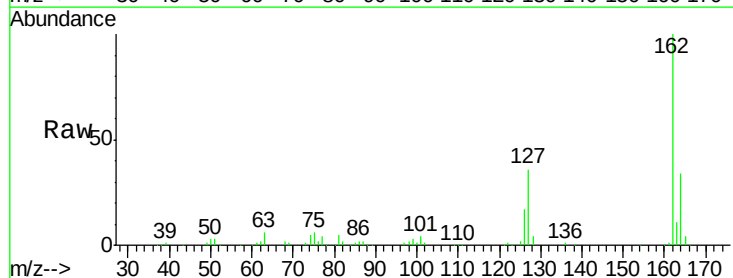


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO

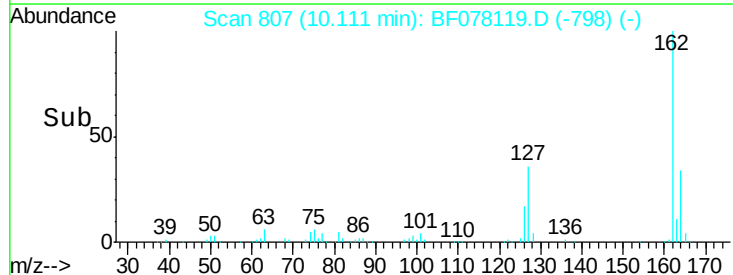
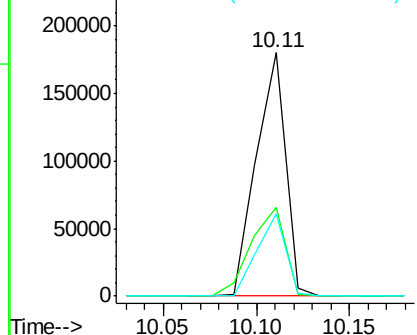


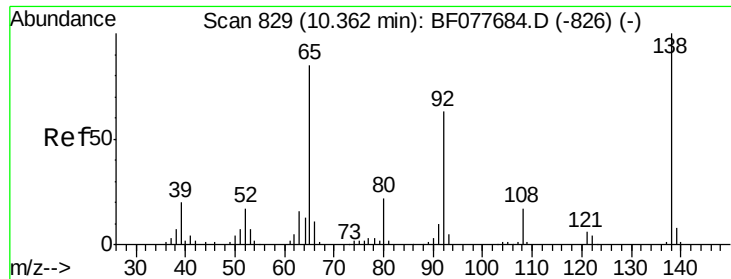
#46
2-Chloronaphthalene
Concen: 35.42 ng
RT: 10.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:162 Resp: 195015
Ion Ratio Lower Upper
162 100
127 36.3 26.9 40.3
164 33.6 26.8 40.2



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

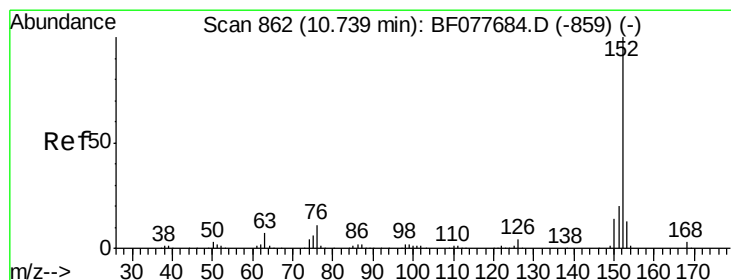
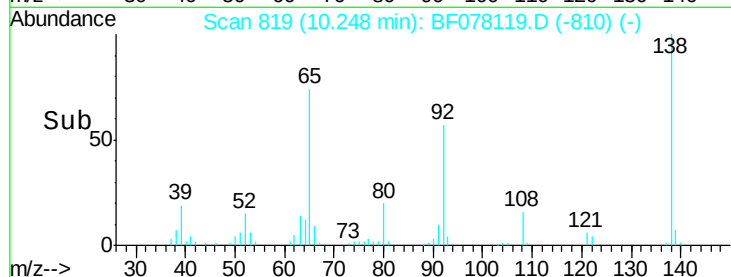
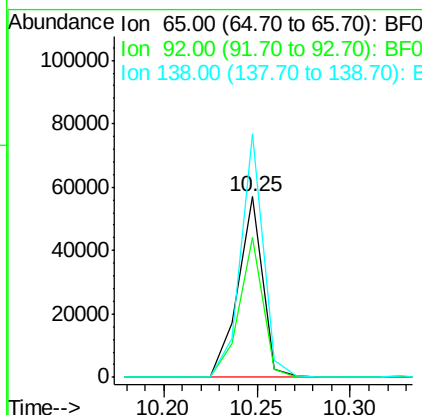
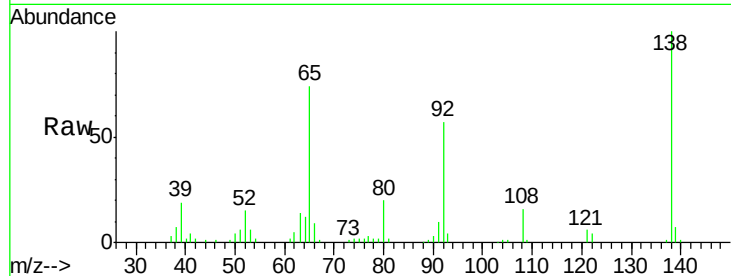




#47
 2-Nitroaniline
 Concen: 38.63 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

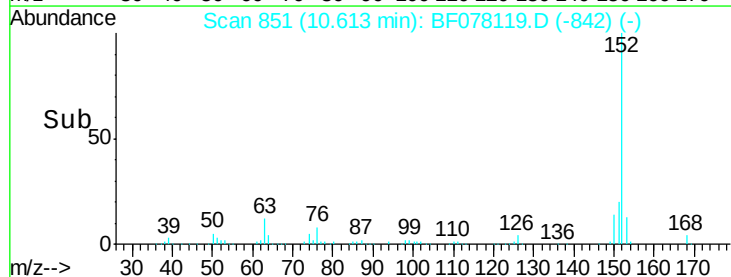
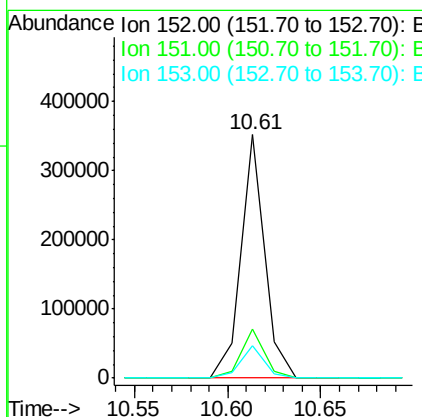
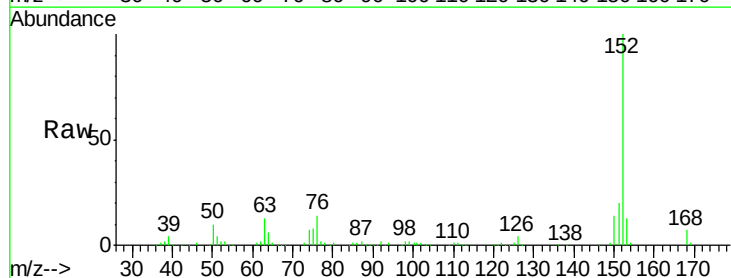
Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

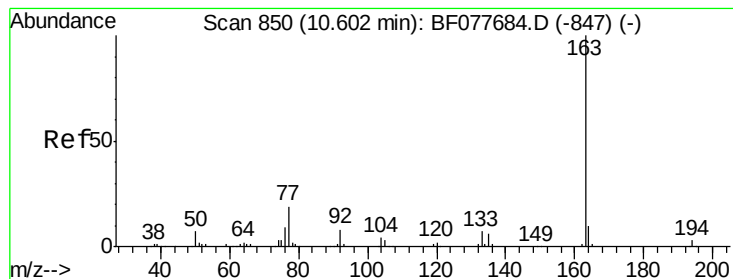
Tgt Ion: 65 Resp: 52821
 Ion Ratio Lower Upper
 65 100
 92 77.5 59.1 88.7
 138 135.0 93.9 140.9



#48
 Acenaphthylene
 Concen: 34.14 ng
 RT: 10.61 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion: 152 Resp: 312515
 Ion Ratio Lower Upper
 152 100
 151 20.3 15.9 23.9
 153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 43.08 ng

RT: 10.49 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

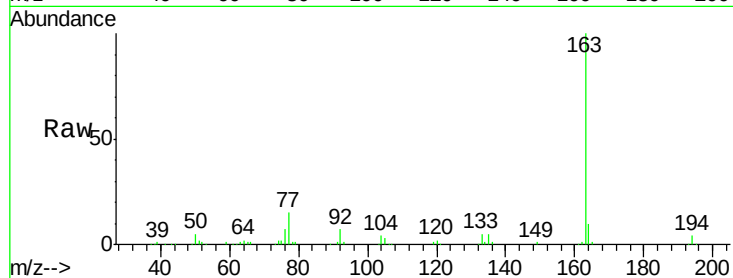
Tgt Ion:163 Resp: 270771

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

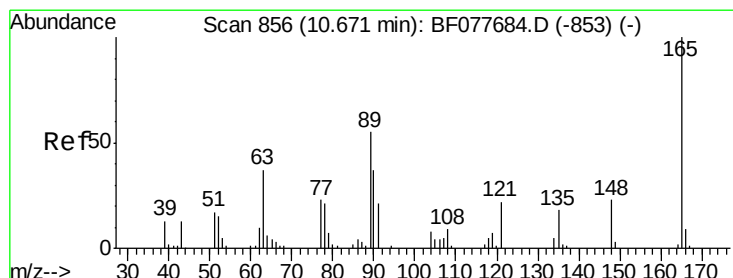
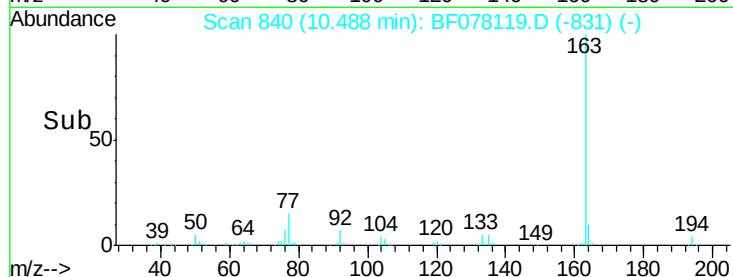
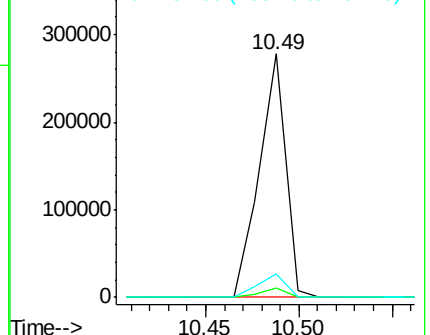
164 9.8 8.2 12.2



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: 39.57 ng

RT: 10.56 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

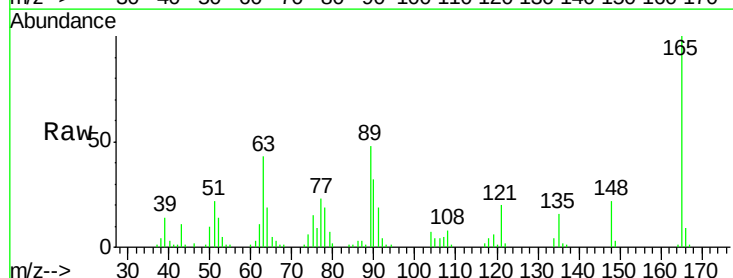
Tgt Ion:165 Resp: 51560

Ion Ratio Lower Upper

165 100

63 43.4 44.1 66.1#

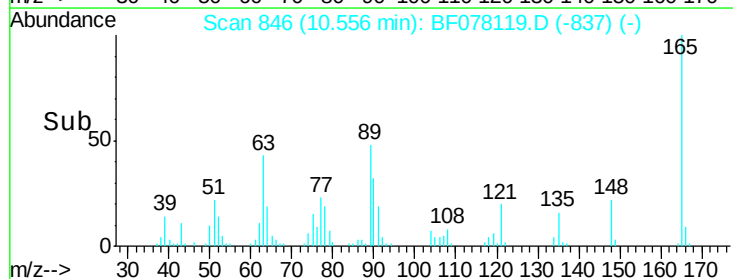
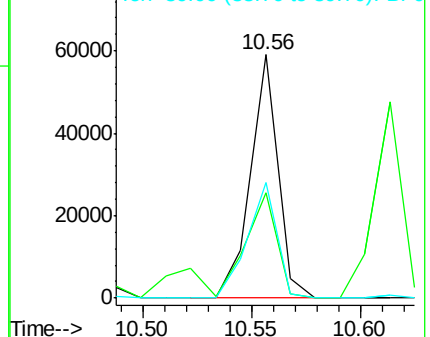
89 47.7 44.3 66.5

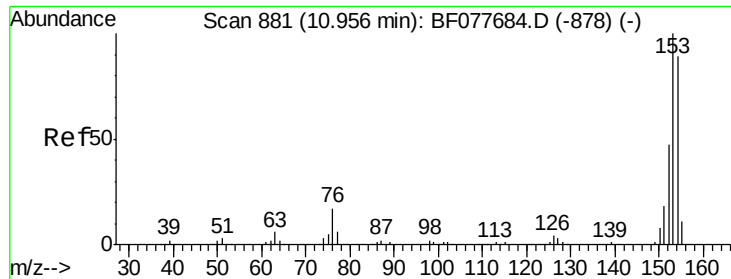


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.32 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

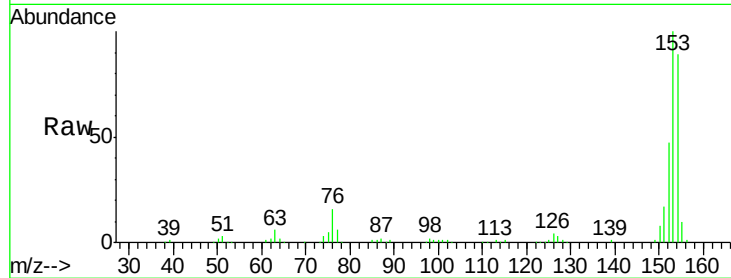
Tgt Ion:154 Resp: 185402

Ion Ratio Lower Upper

154 100

153 112.8 90.0 135.0

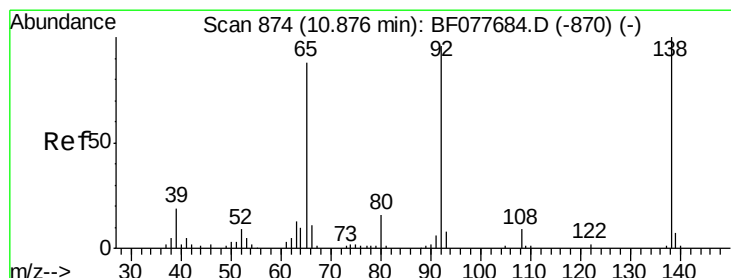
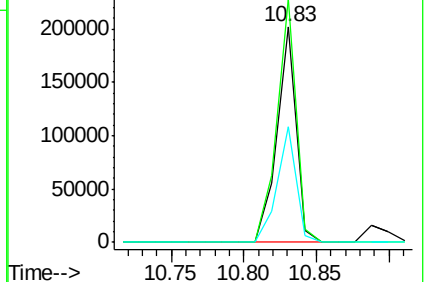
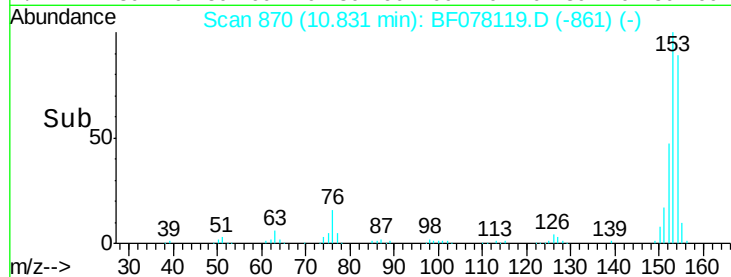
152 53.3 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.60 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

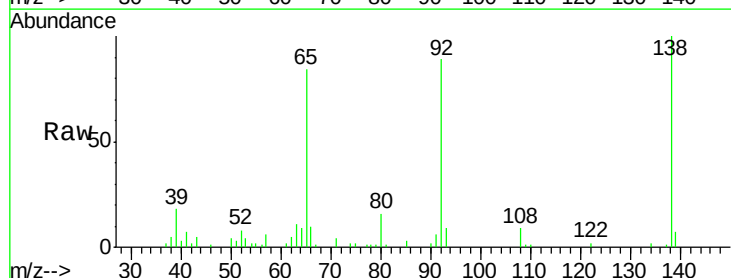
Tgt Ion:138 Resp: 47812

Ion Ratio Lower Upper

138 100

108 8.8 7.3 10.9

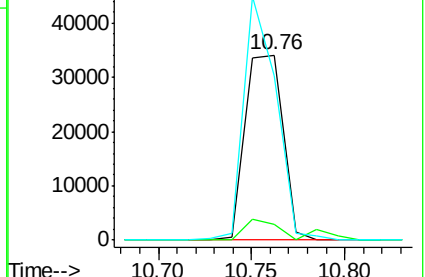
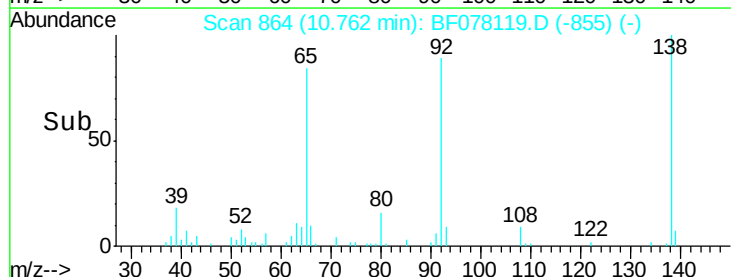
92 89.0 76.6 114.8

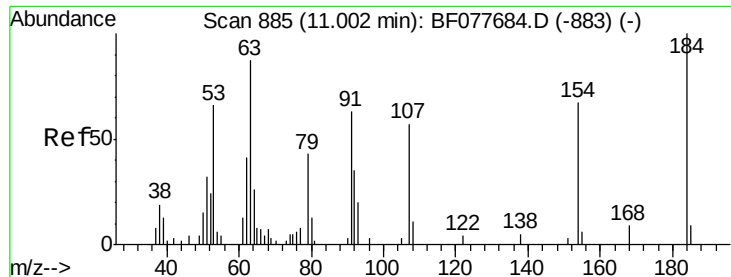


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

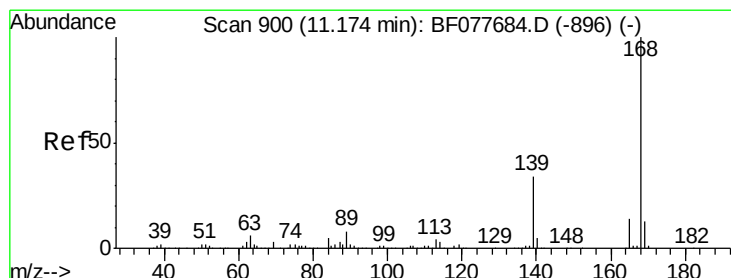
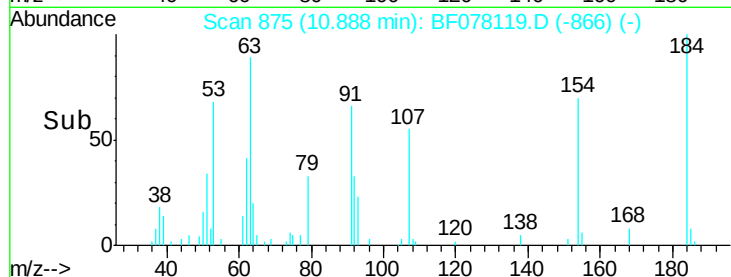
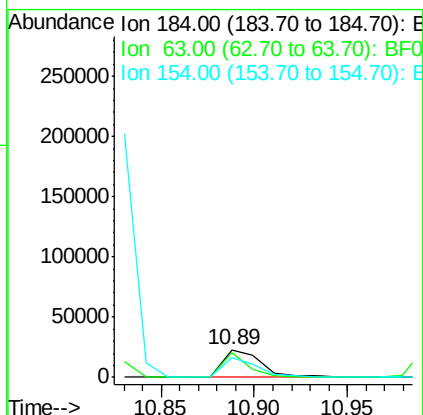
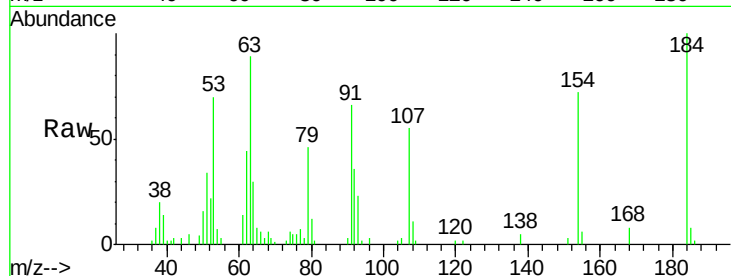




#53
2,4-Dinitrophenol
Concen: 70.60 ng
RT: 10.89 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

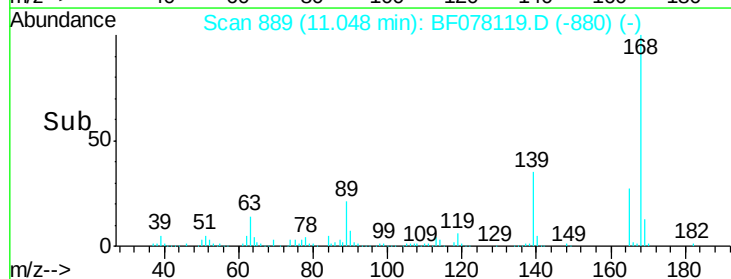
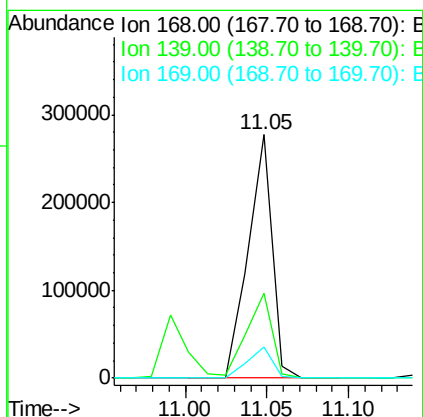
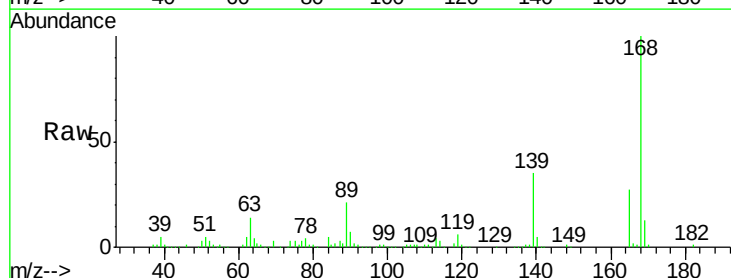
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

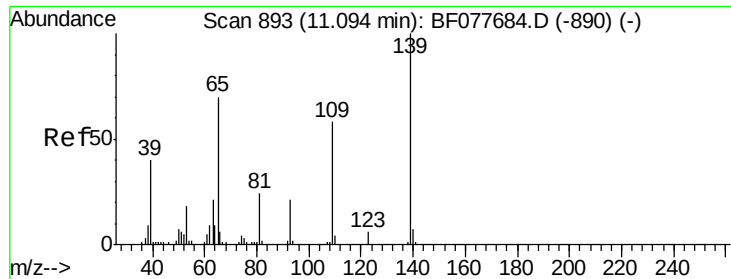
Tgt Ion:184 Resp: 33287
Ion Ratio Lower Upper
184 100
63 89.3 69.2 103.8
154 71.7 53.3 79.9



#54
Dibenzofuran
Concen: 36.09 ng
RT: 11.05 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:168 Resp: 280971
Ion Ratio Lower Upper
168 100
139 34.7 27.3 40.9
169 13.0 10.6 16.0

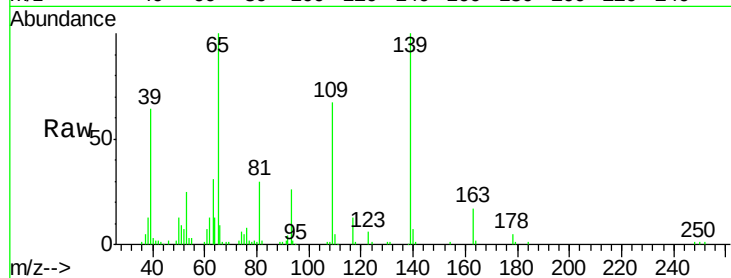




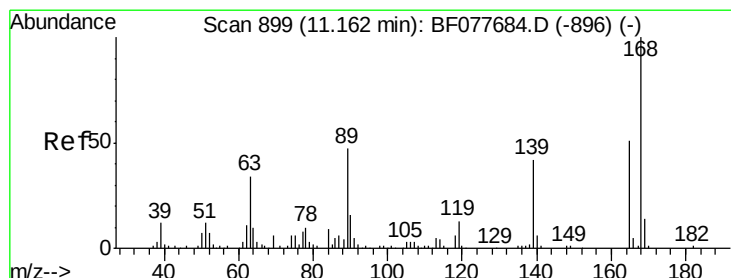
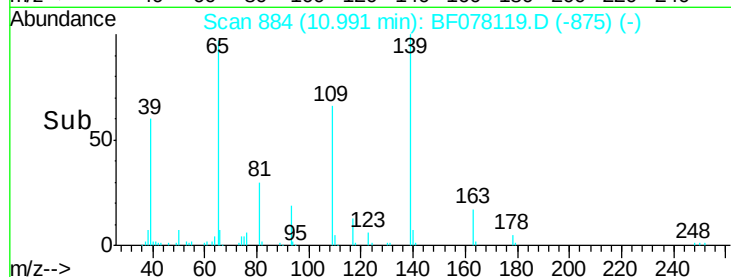
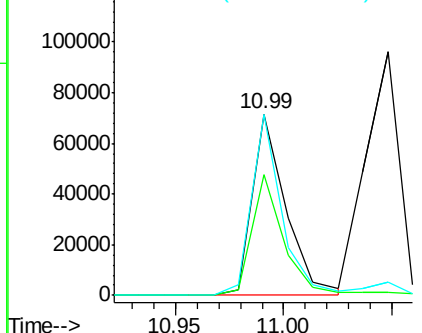
#55
4-Nitrophenol
Concen: 68.50 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

Tgt Ion:139 Resp: 76780
Ion Ratio Lower Upper
139 100
109 66.8 37.7 77.7
65 100.1 49.9 89.9#



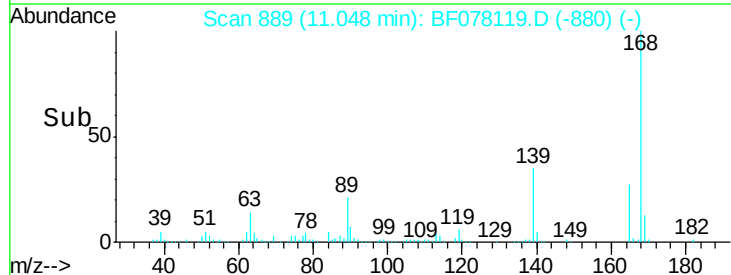
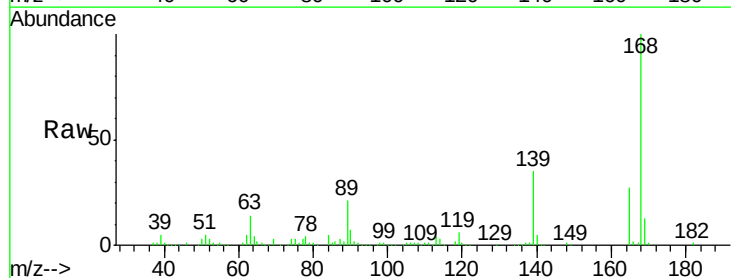
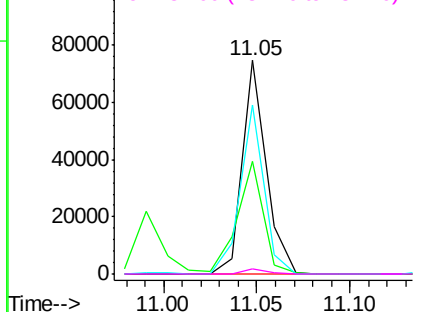
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

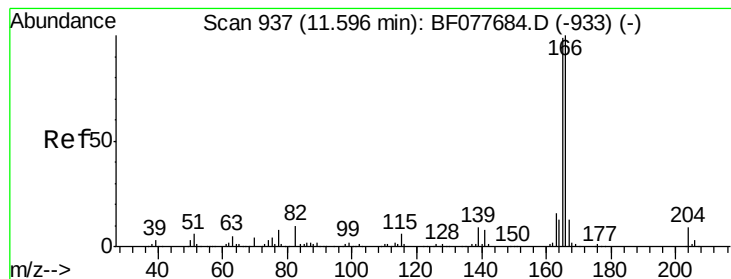


#56
2,4-Dinitrotoluene
Concen: 39.19 ng
RT: 11.05 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:165 Resp: 66586
Ion Ratio Lower Upper
165 100
63 52.8 52.4 78.6
89 79.3 72.4 108.6
182 2.3 2.0 3.0

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





#57

Fluorene

Concen: 36.02 ng

RT: 11.47 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

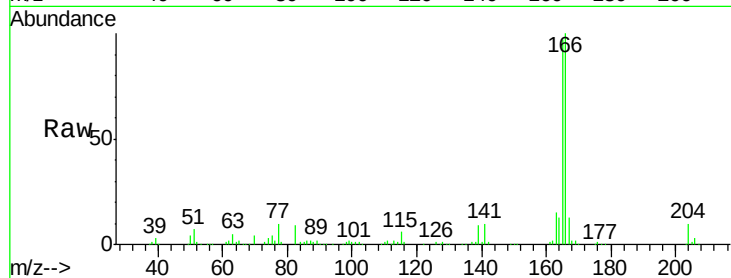
Tgt Ion:166 Resp: 232862

Ion Ratio Lower Upper

166 100

165 97.1 79.0 118.4

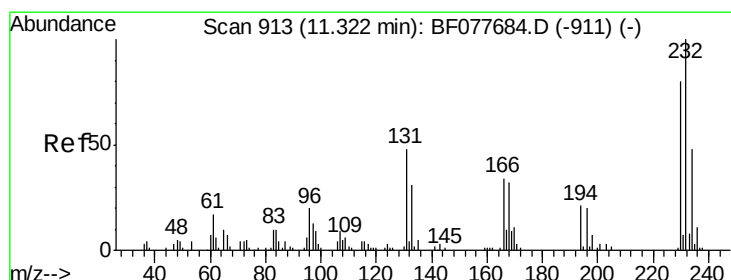
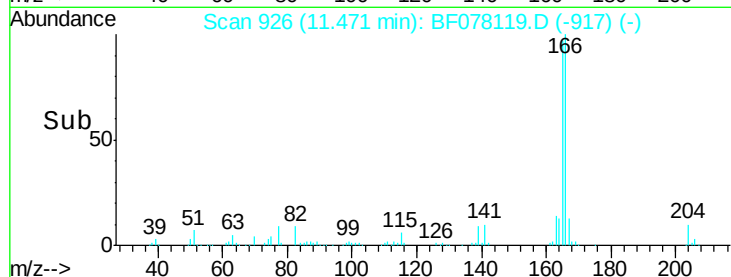
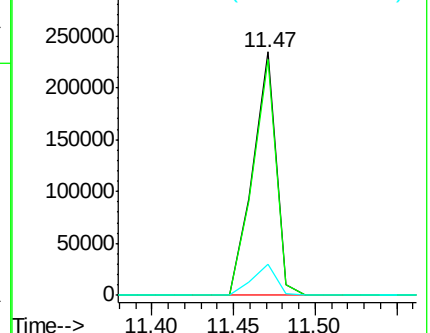
167 12.9 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.96 ng

RT: 11.21 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Tgt Ion:232 Resp: 50922

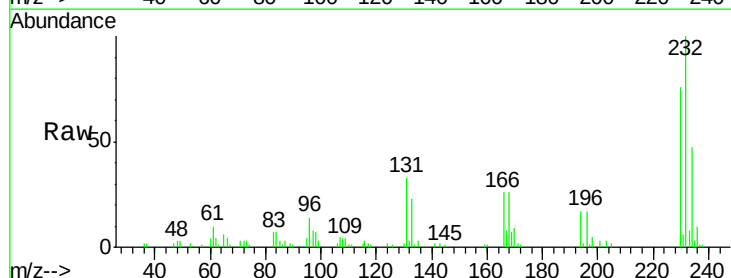
Ion Ratio Lower Upper

232 100

131 45.7 0.0 0.0#

130 2.3 0.0 0.0#

166 32.9 0.0 0.0#

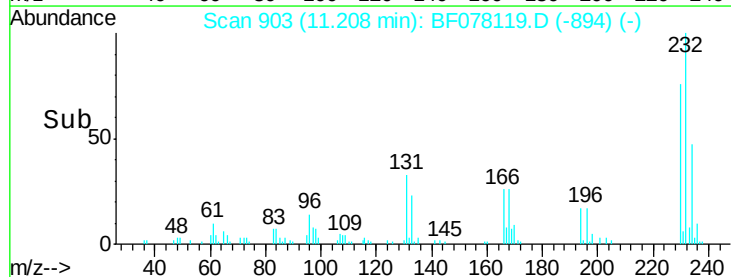
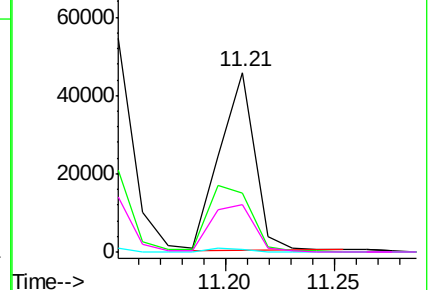


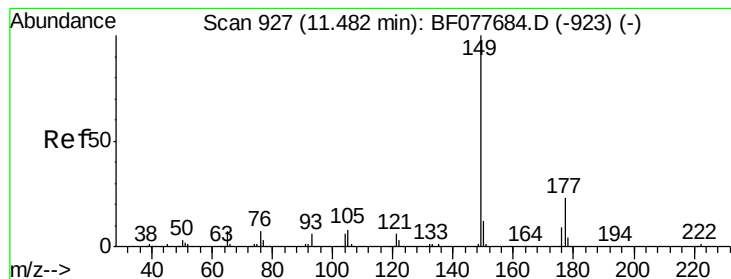
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.26 ng

RT: 11.36 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

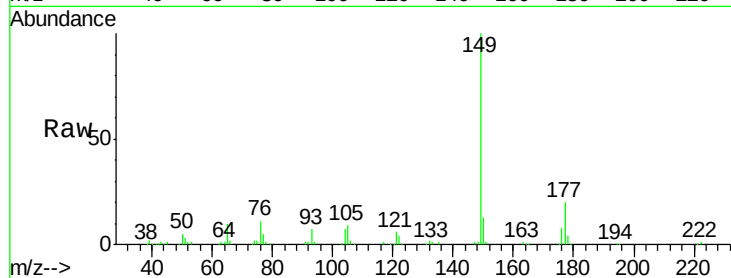
Tgt Ion:149 Resp: 228160

Ion Ratio Lower Upper

149 100

177 20.0 18.3 27.5

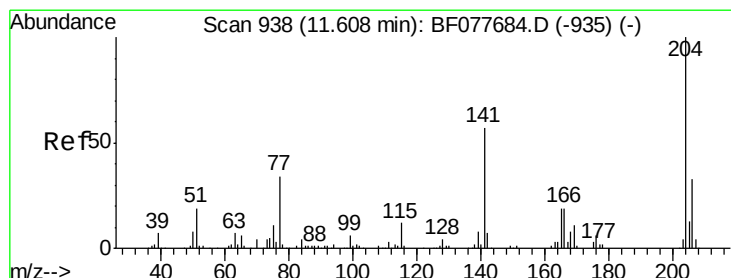
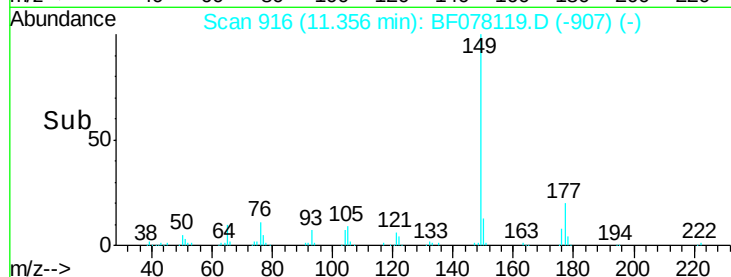
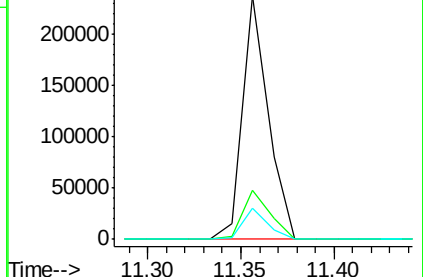
150 12.8 9.8 14.8



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: 36.23 ng

RT: 11.48 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

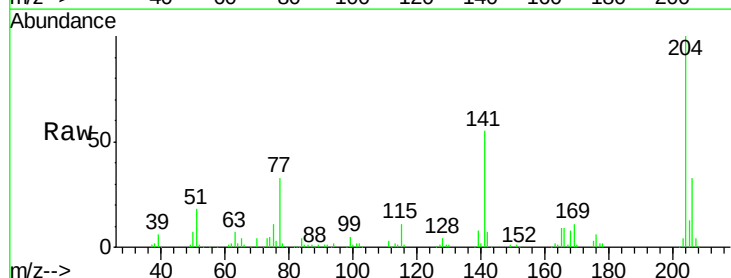
Tgt Ion:204 Resp: 106882

Ion Ratio Lower Upper

204 100

206 33.2 26.6 39.8

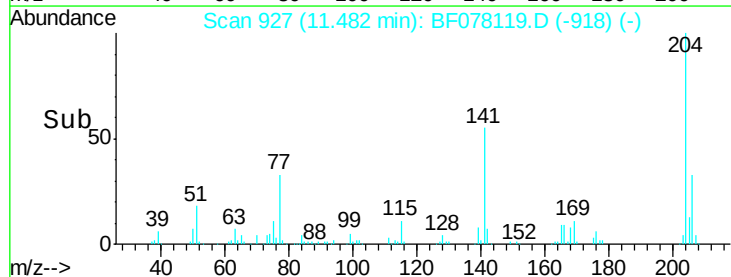
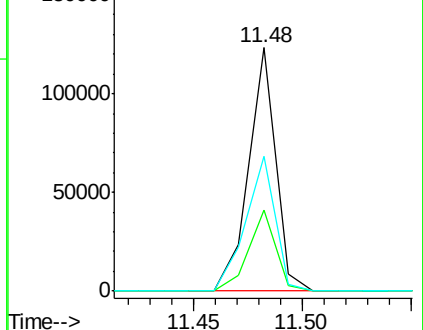
141 55.5 45.2 67.8

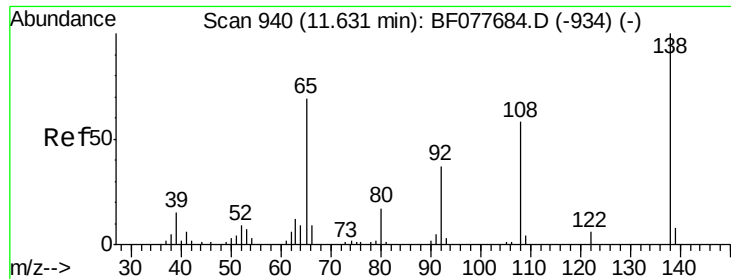


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

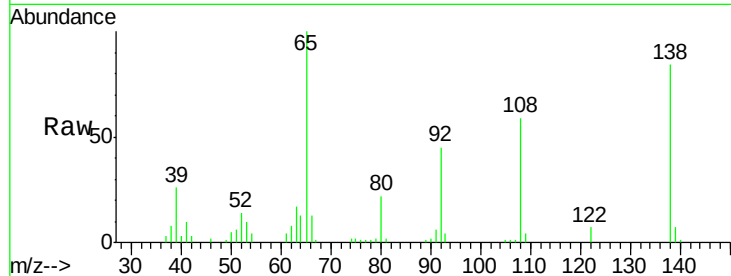




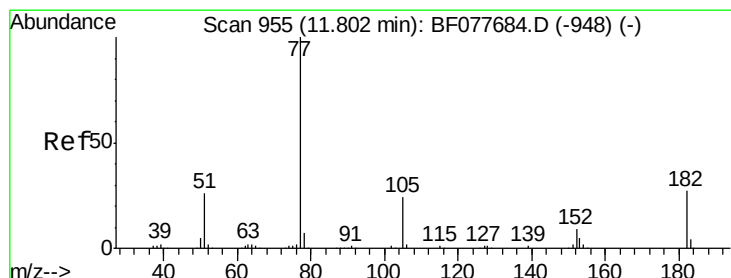
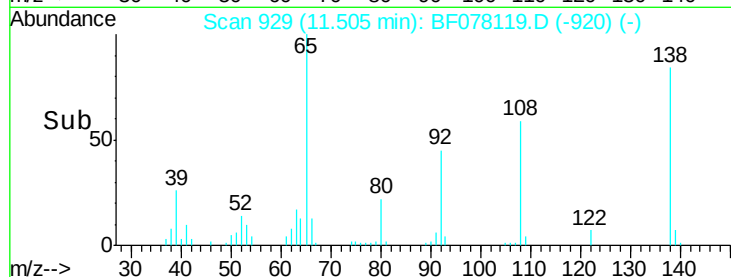
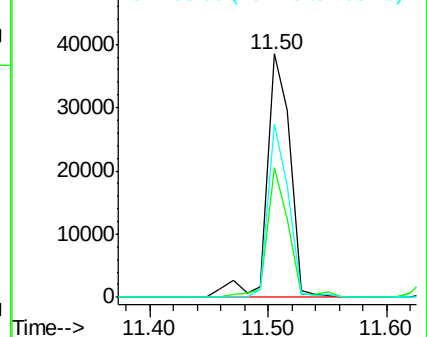
#61
4-Nitroaniline
Concen: 34.63 ng
RT: 11.50 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

Tgt Ion:138 Resp: 52226
Ion Ratio Lower Upper
138 100
92 53.4 16.7 56.7
108 71.1 37.6 77.6

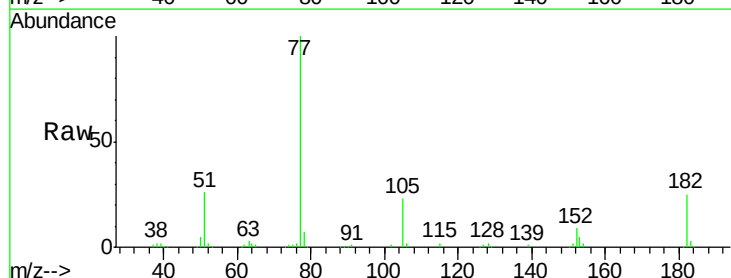


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

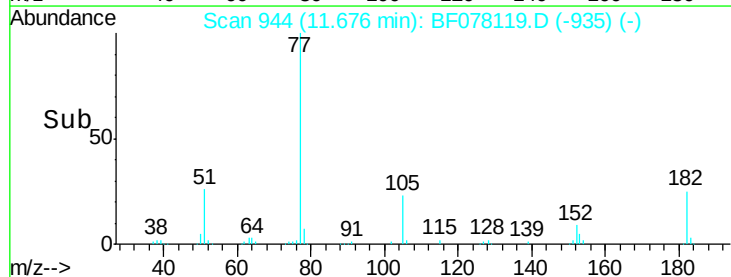
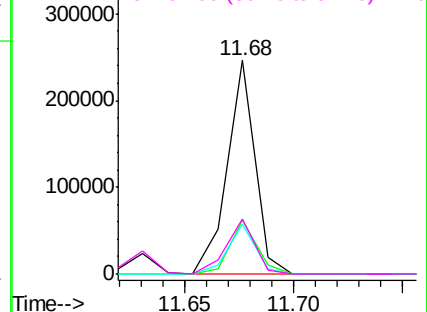


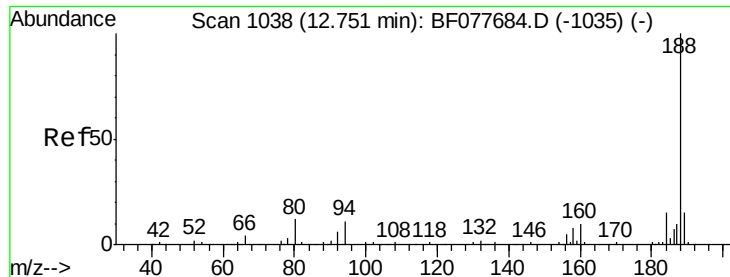
#62
Azobenzene
Concen: 37.24 ng
RT: 11.68 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion: 77 Resp: 217985
Ion Ratio Lower Upper
77 100
182 25.1 6.5 46.5
105 23.2 3.8 43.8
51 25.8 5.5 45.5



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

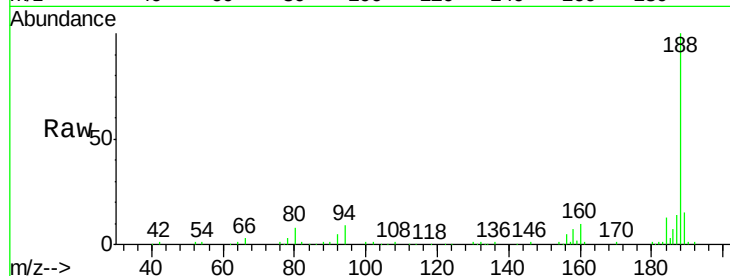




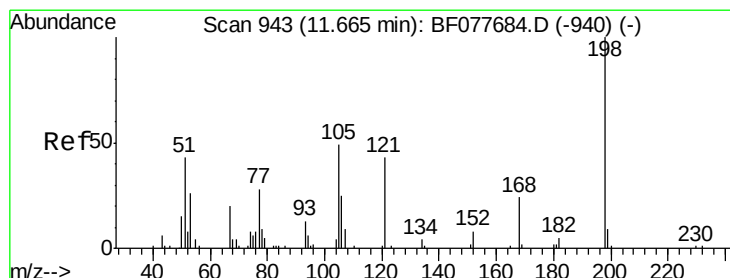
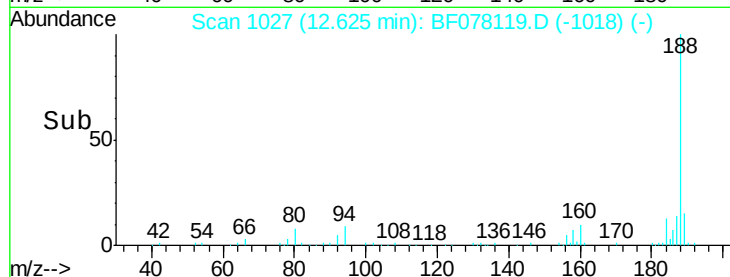
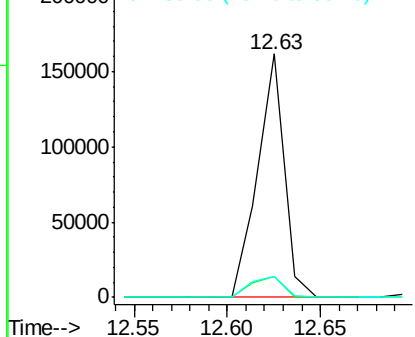
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

Tgt Ion:188 Resp: 162750
Ion Ratio Lower Upper
188 100
94 8.6 8.7 13.1#
80 8.4 9.3 13.9#

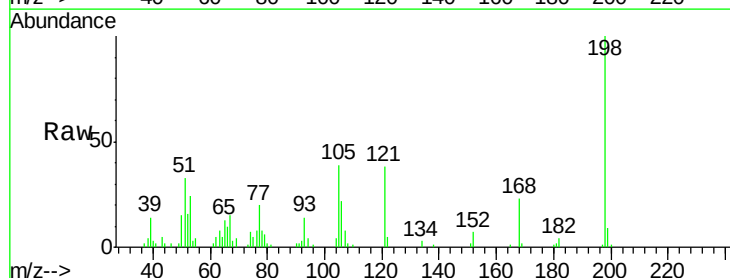


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

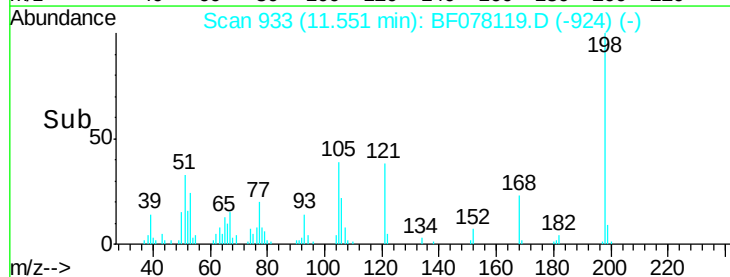
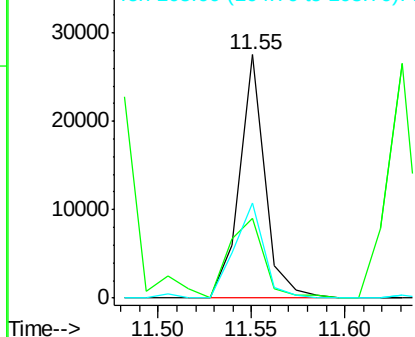


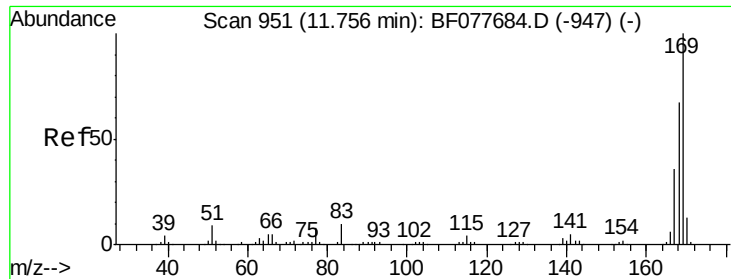
#64
4,6-Dinitro-2-methylphenol
Concen: 35.55 ng
RT: 11.55 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:198 Resp: 26373
Ion Ratio Lower Upper
198 100
51 32.7 28.8 68.8
105 38.9 30.5 70.5



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

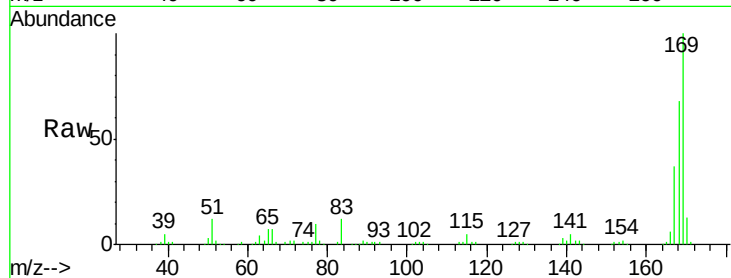




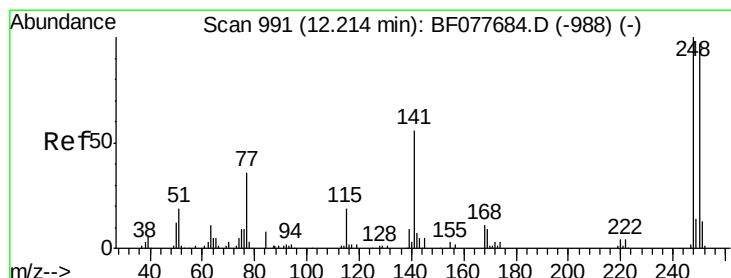
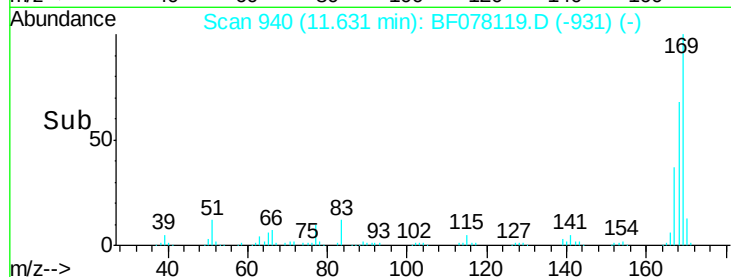
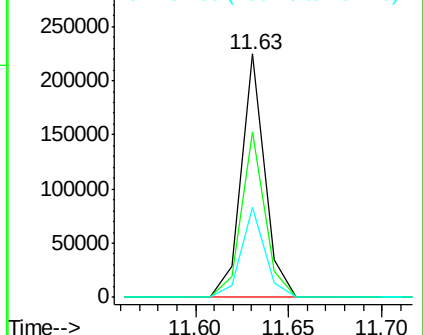
#65
 n-Nitrosodiphenylamine
 Concen: 36.65 ng
 RT: 11.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

Tgt Ion:169 Resp: 198615
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.9 80.9
 167 36.9 28.9 43.3

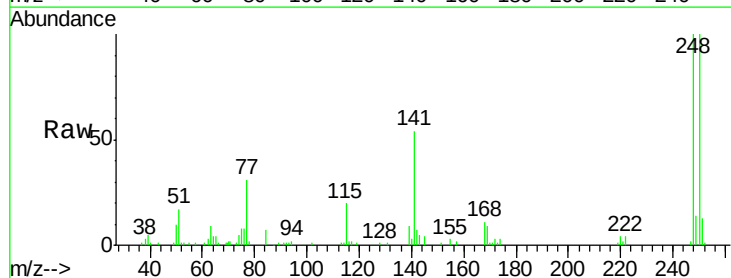


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

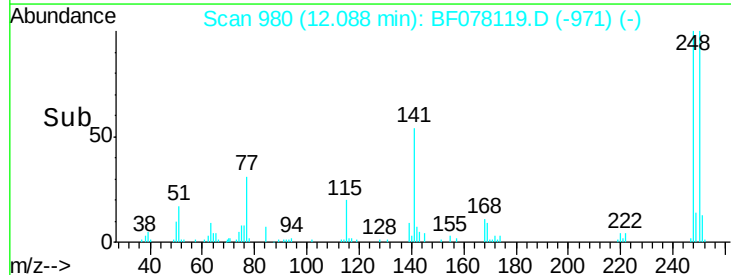
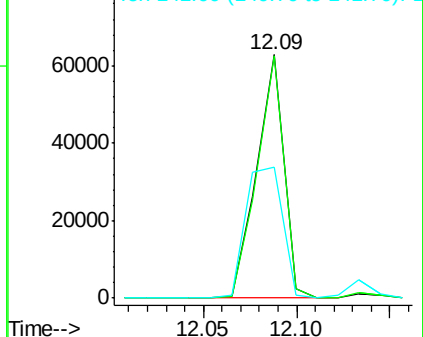


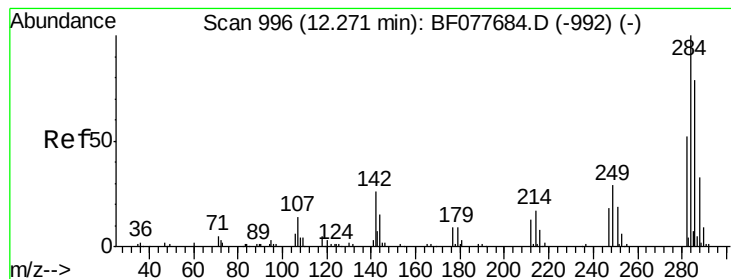
#66
 4-Bromophenyl-phenylether
 Concen: 36.32 ng
 RT: 12.09 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion:248 Resp: 63088
 Ion Ratio Lower Upper
 248 100
 250 99.7 77.4 116.0
 141 53.7 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: 34.48 ng

RT: 12.13 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

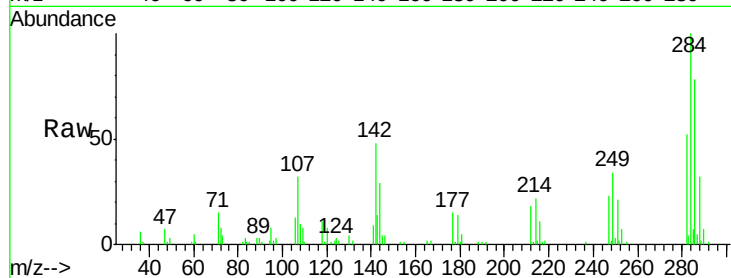
Tgt Ion:284 Resp: 65805

Ion Ratio Lower Upper

284 100

142 47.9 20.4 30.6#

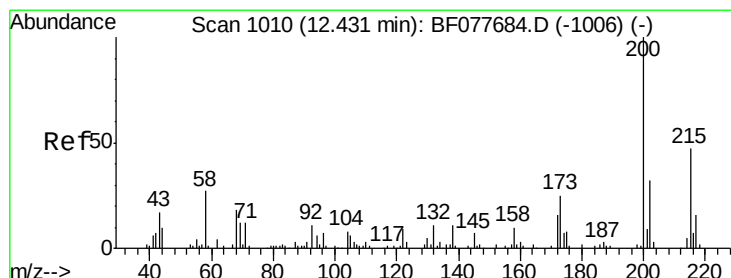
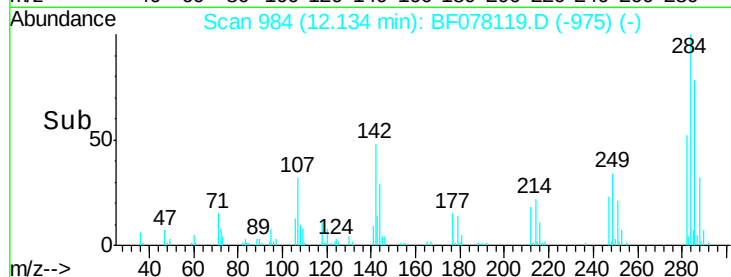
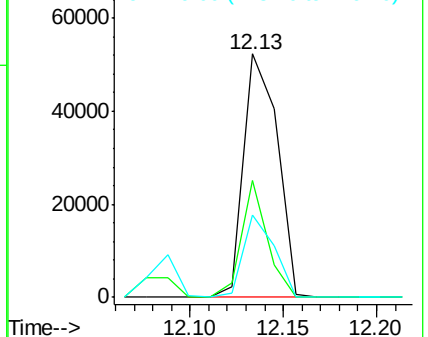
249 33.8 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.16 ng

RT: 12.31 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

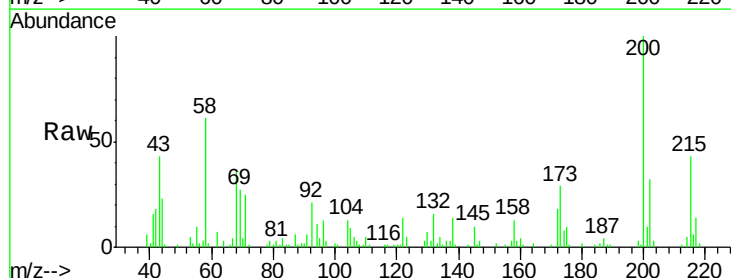
Tgt Ion:200 Resp: 59472

Ion Ratio Lower Upper

200 100

173 28.6 4.8 44.8

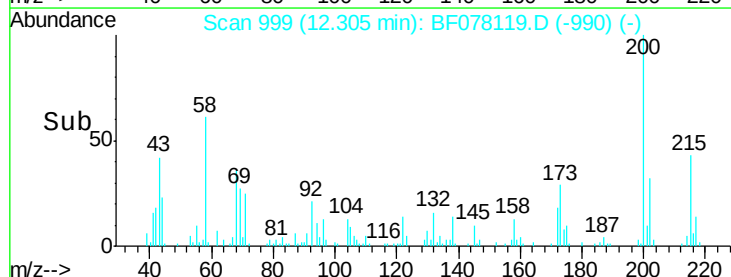
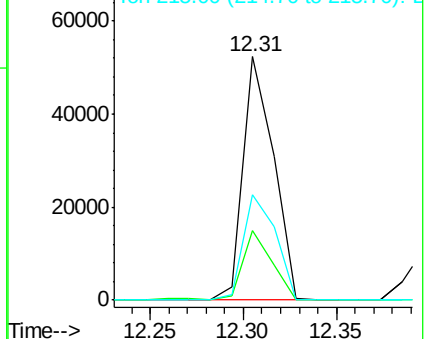
215 43.1 26.9 66.9

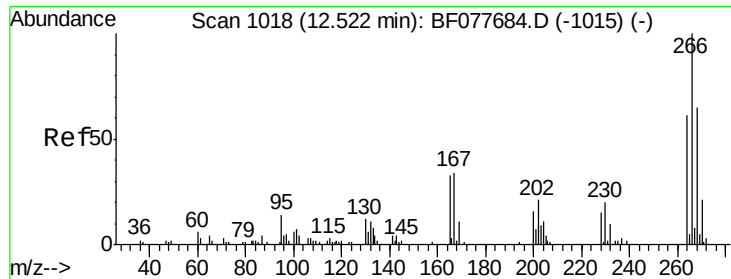


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

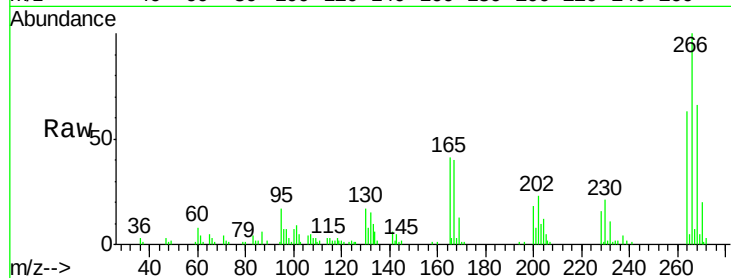




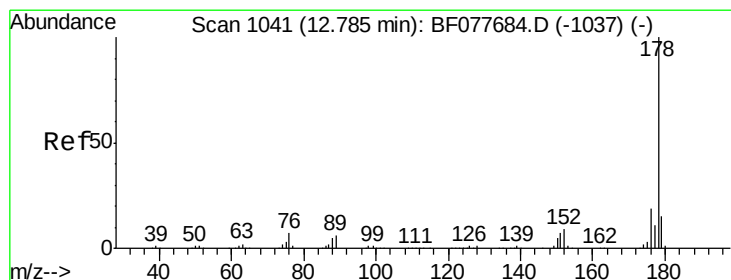
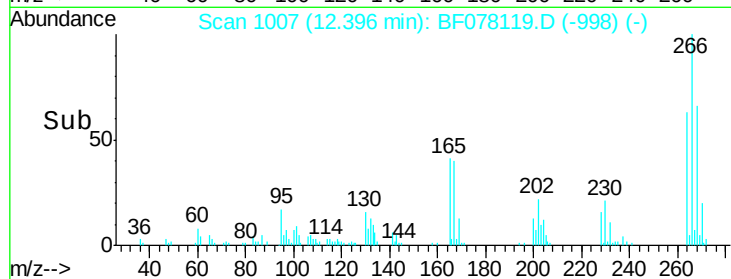
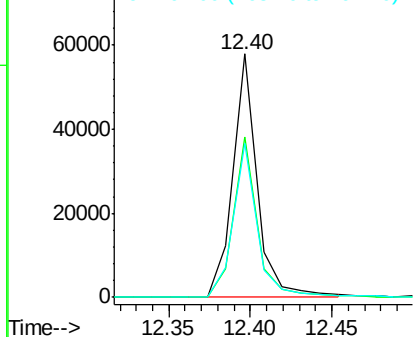
#69
 Pentachlorophenol
 Concen: 60.13 ng
 RT: 12.40 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

Tgt Ion: 266 Resp: 59309
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.0 78.0
 264 63.5 49.0 73.4

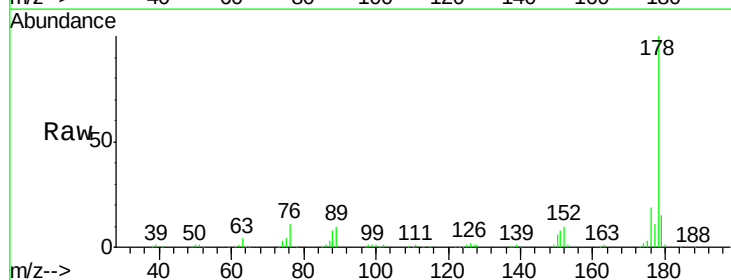


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

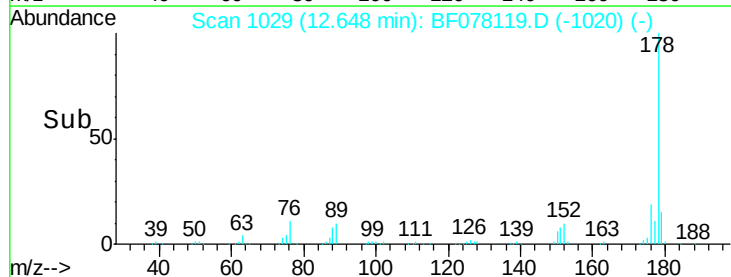
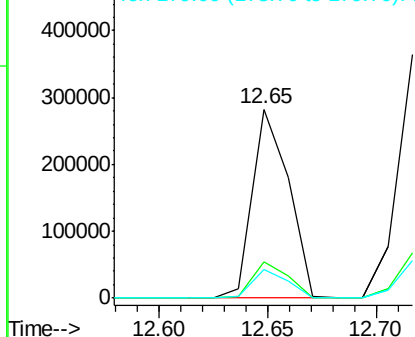


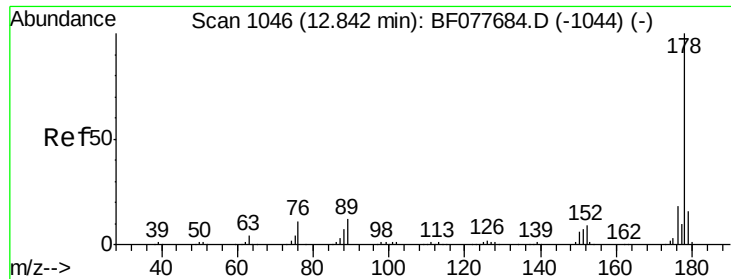
#70
 Phenanthrene
 Concen: 35.22 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion: 178 Resp: 329100
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.4 12.1 18.1



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

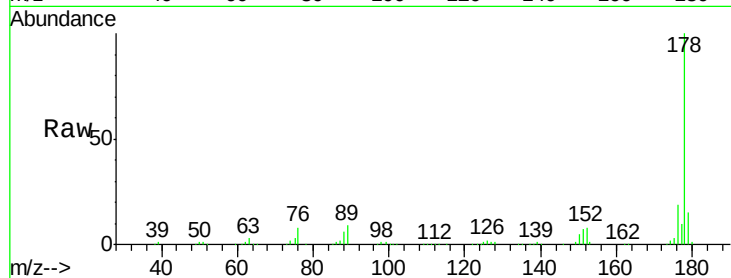




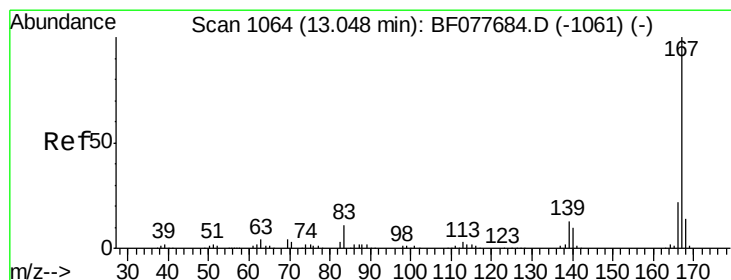
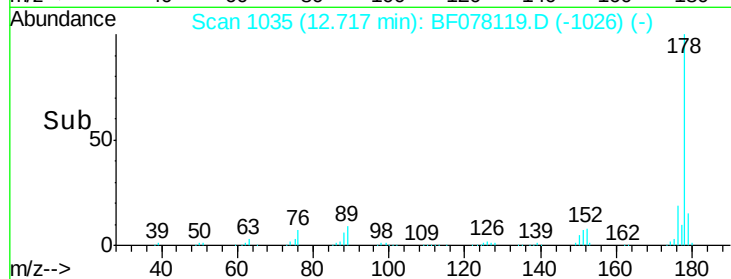
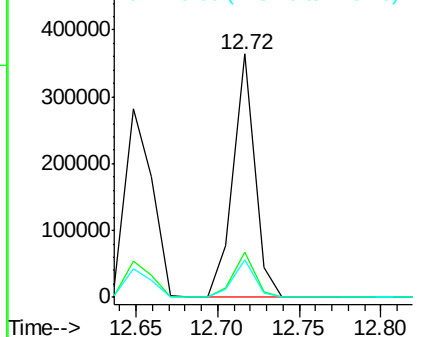
#71
 Anthracene
 Concen: 36.10 ng
 RT: 12.72 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.4	12.6	19.0

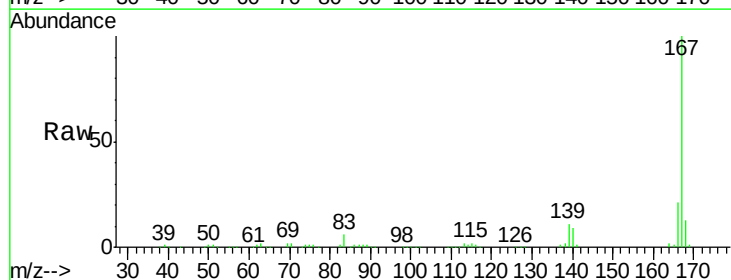


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

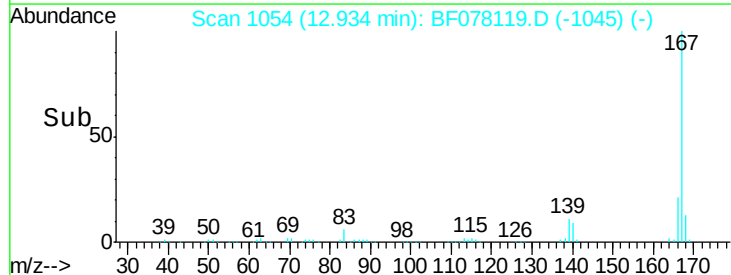
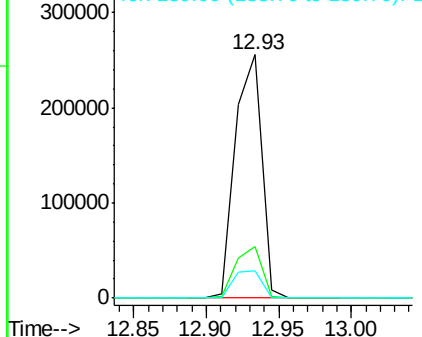


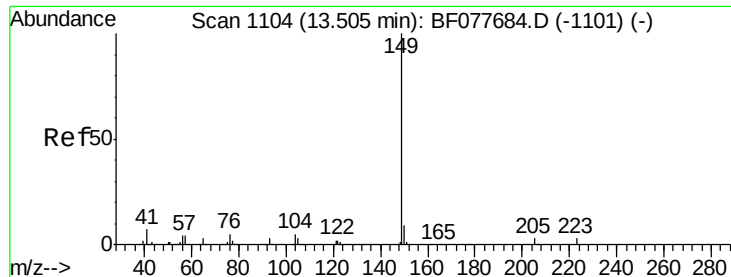
#72
 Carbazole
 Concen: 37.02 ng
 RT: 12.93 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	11.4	10.8	16.2



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





#73

Di-n-butylphthalate

Concen: 38.24 ng

RT: 13.39 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

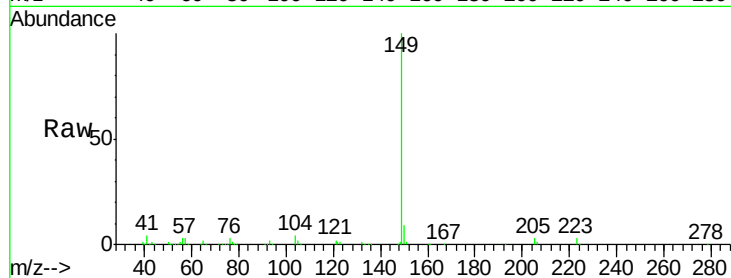
Tgt Ion:149 Resp: 376504

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

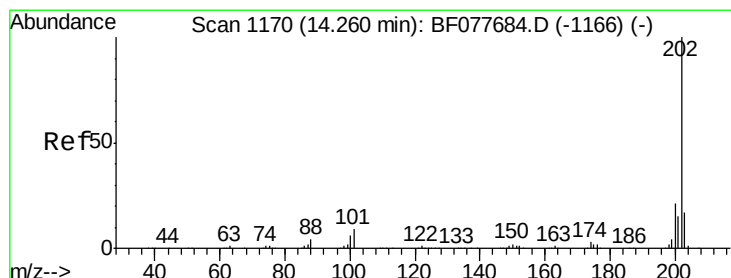
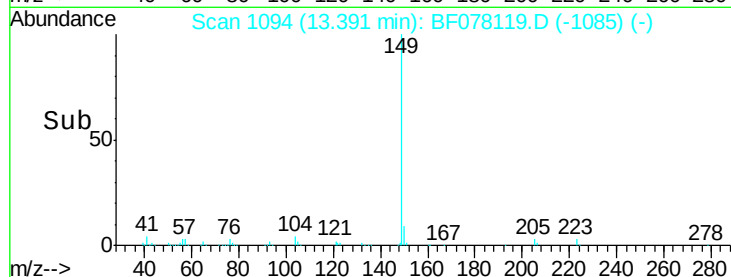
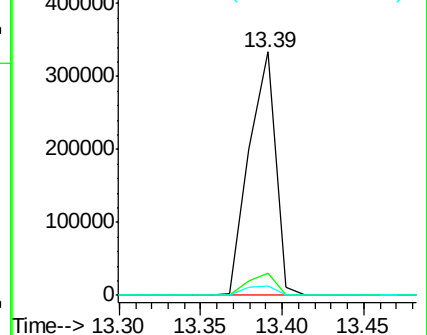
104 3.8 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.43 ng

RT: 14.12 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

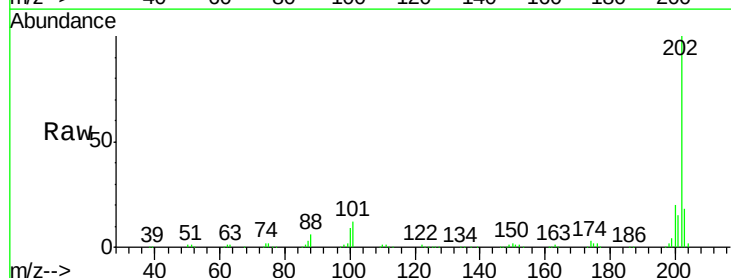
Tgt Ion:202 Resp: 354761

Ion Ratio Lower Upper

202 100

101 12.3 0.0 28.7

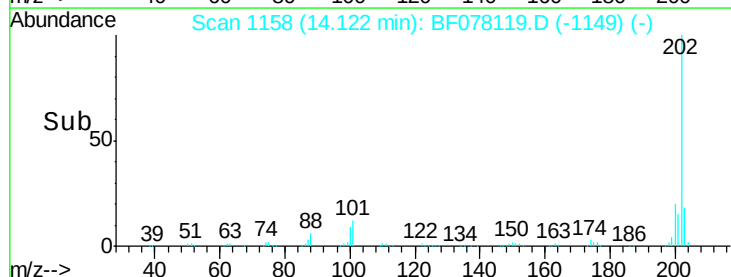
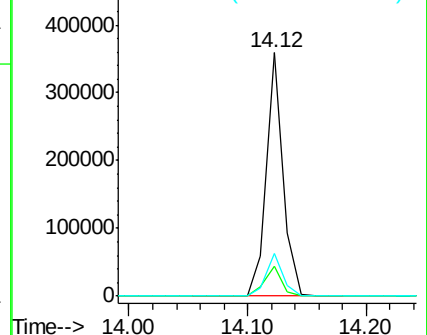
203 17.7 0.0 37.2

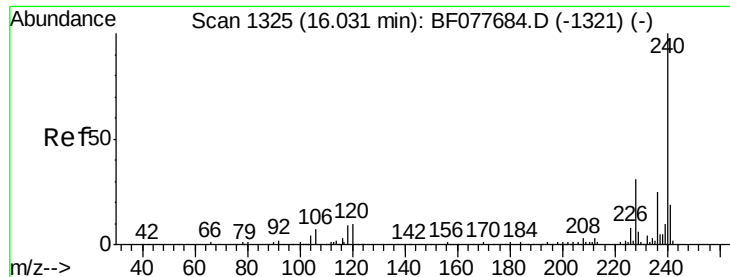


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

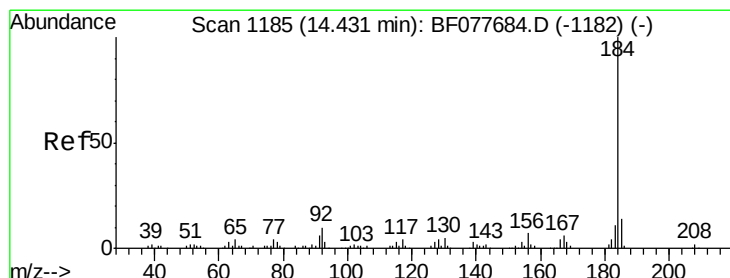
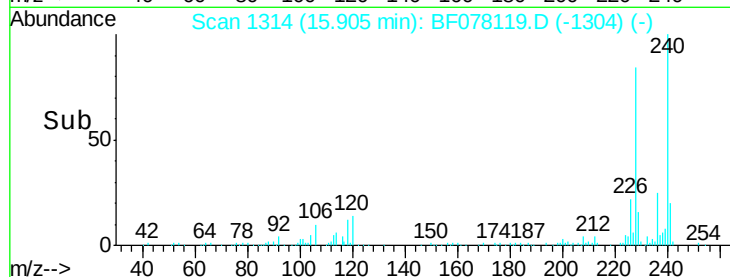
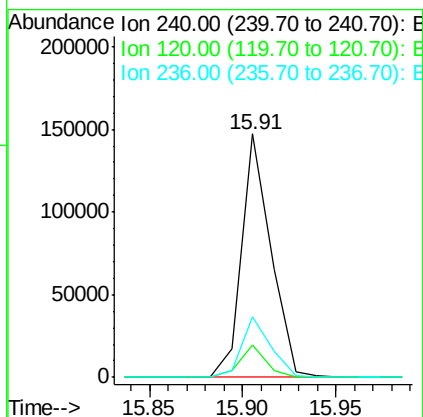
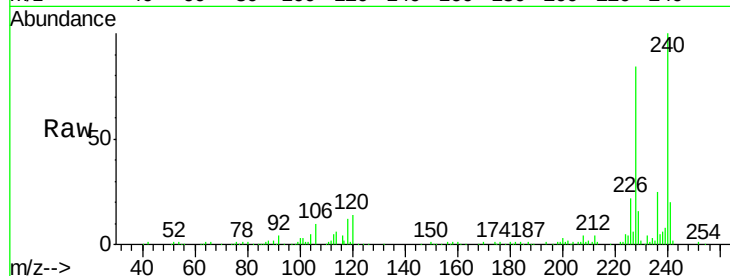




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

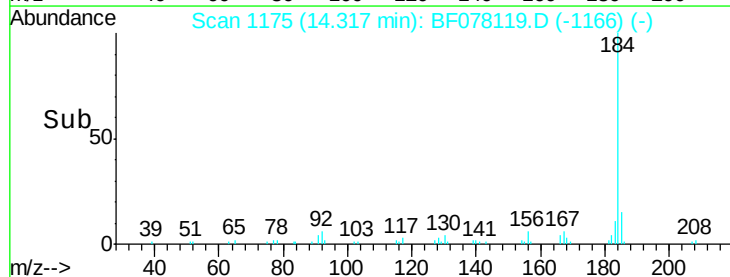
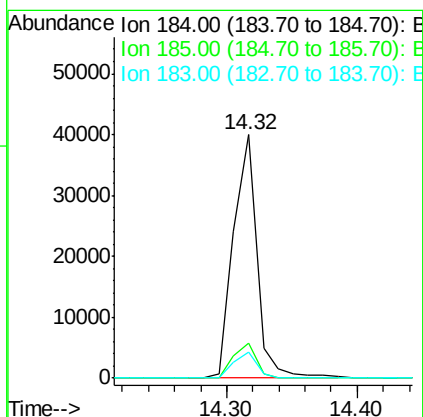
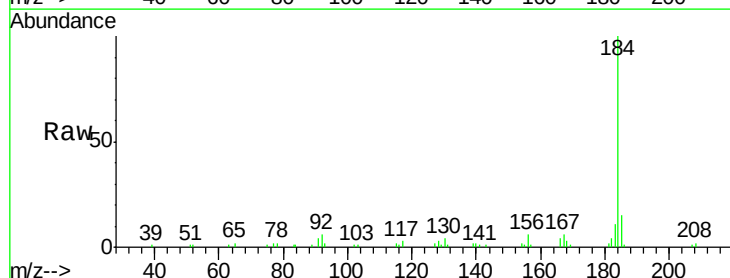
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

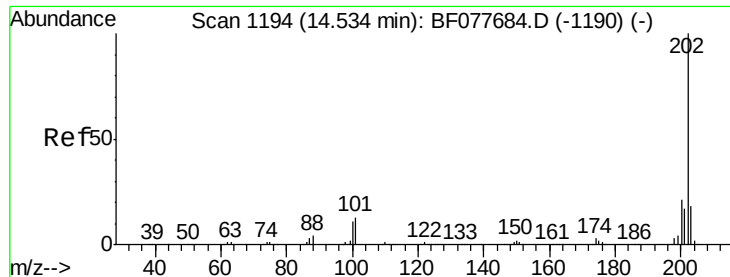
Tgt Ion:240 Resp: 161220
Ion Ratio Lower Upper
240 100
120 13.6 8.2 12.2#
236 24.8 20.0 30.0



#76
Benzidine
Concen: 12.23 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:184 Resp: 50133
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 10.5 8.9 13.3

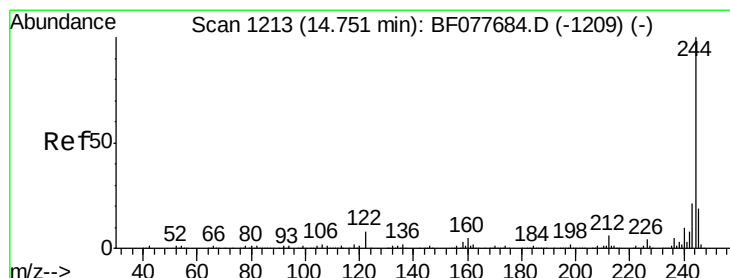
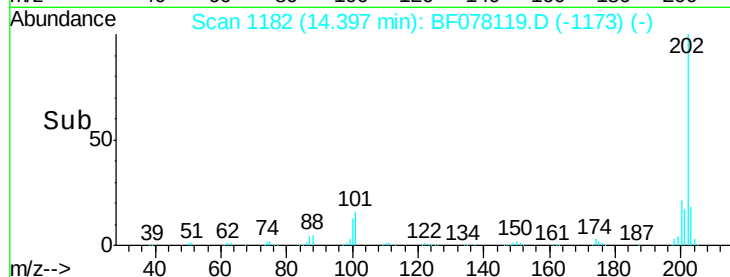
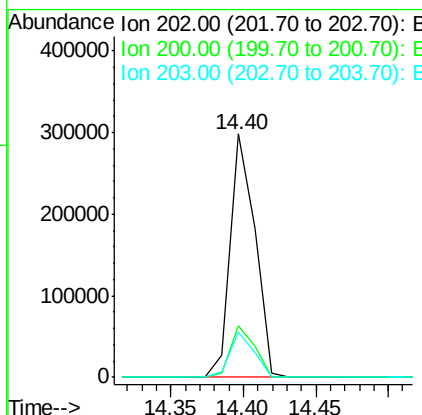
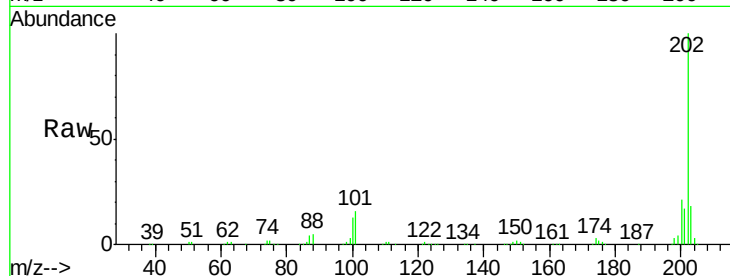




#77
 Pyrene
 Concen: 34.93 ng
 RT: 14.40 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

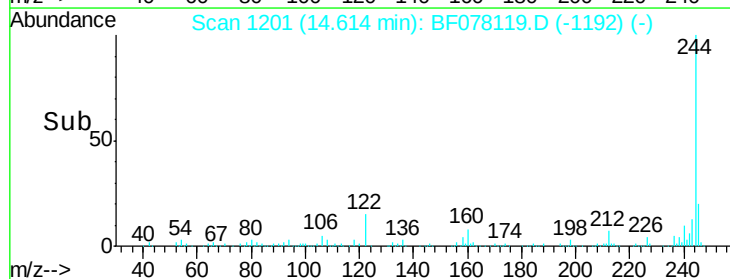
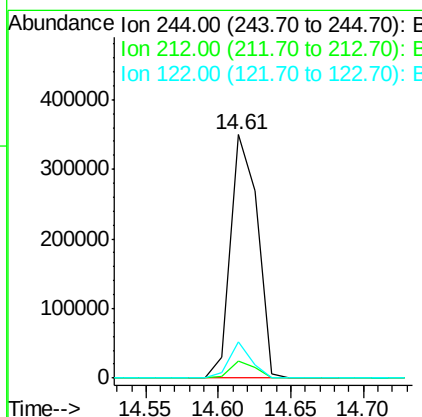
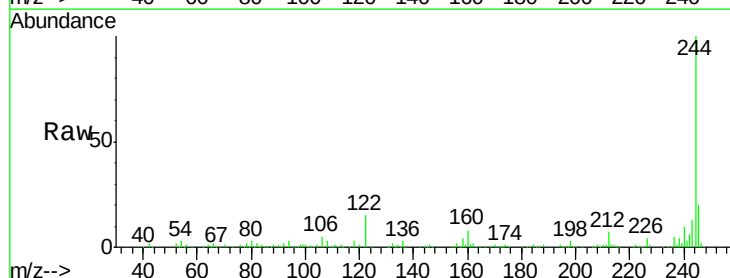
Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

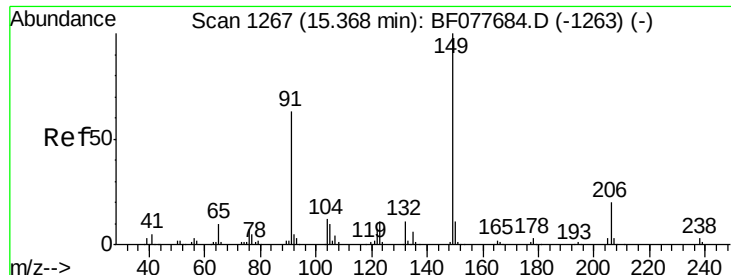
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.4	14.1	21.1



#78
 Terphenyl-d14
 Concen: 68.28 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	15.0	6.2	9.4

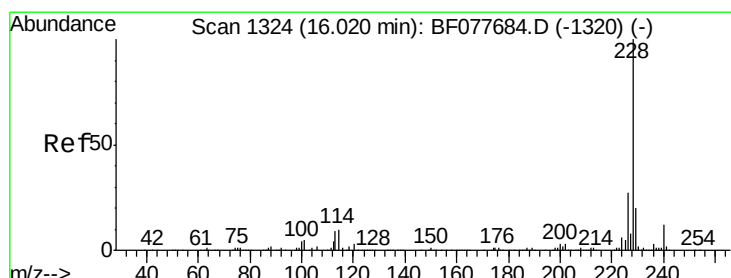
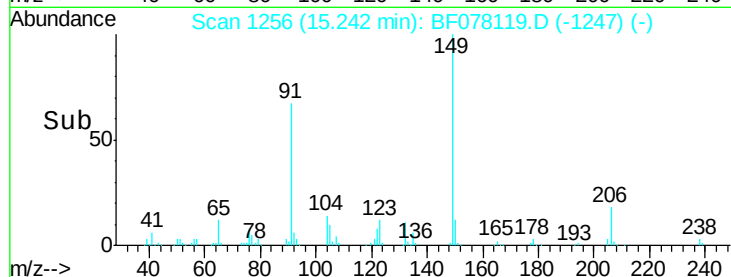
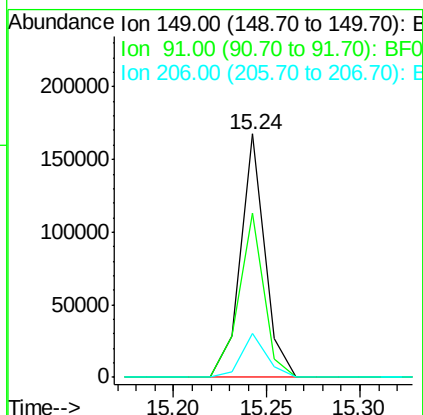
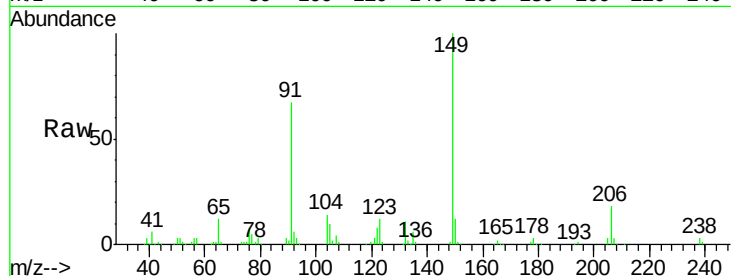




#79
Butylbenzylphthalate
Concen: 38.33 ng
RT: 15.24 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

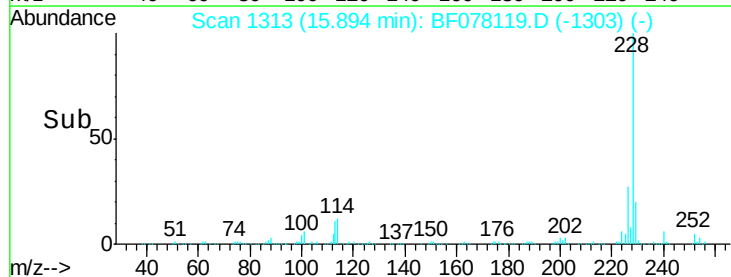
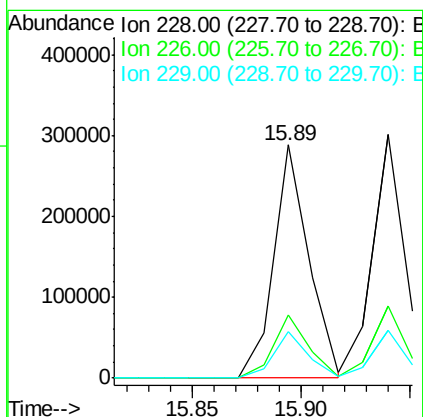
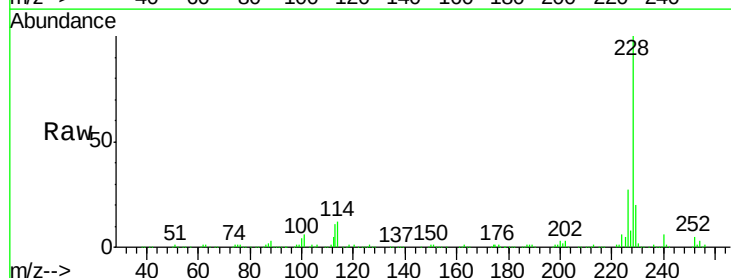
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

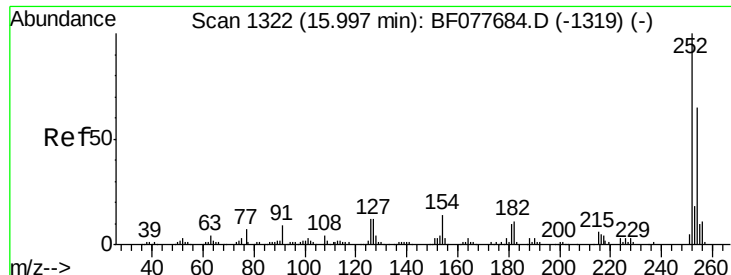
Tgt Ion:149 Resp: 153218
Ion Ratio Lower Upper
149 100
91 67.4 50.1 75.1
206 18.2 16.2 24.2



#80
Benzo(a)anthracene
Concen: 34.14 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:228 Resp: 326288
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.7 16.0 24.0

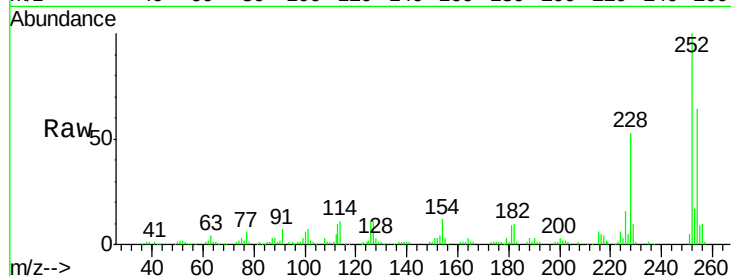




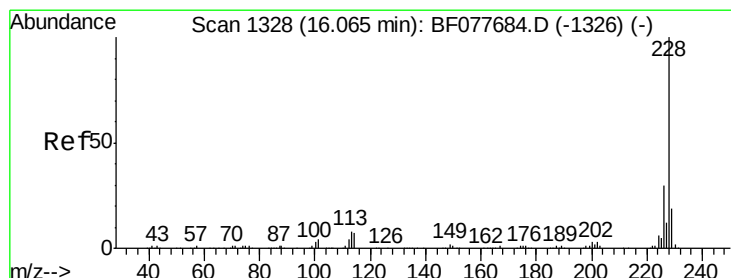
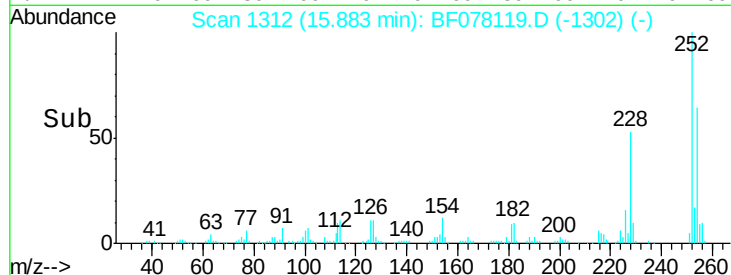
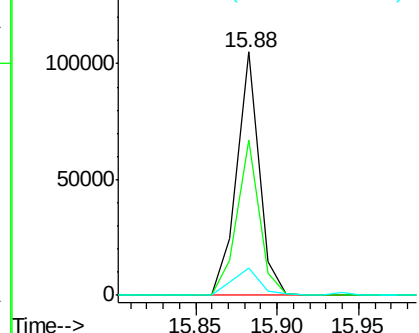
#81
 3,3'-Dichlorobenzidine
 Concen: 31.73 ng
 RT: 15.88 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.9	77.9
126	11.3	9.8	14.8

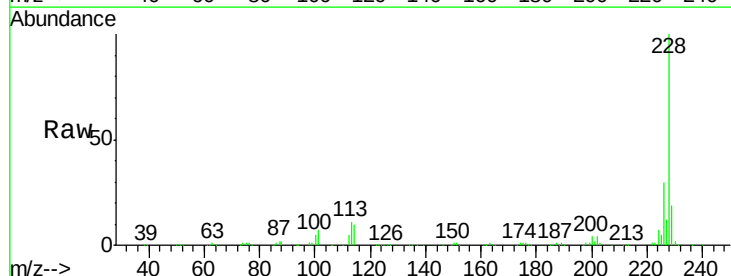


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

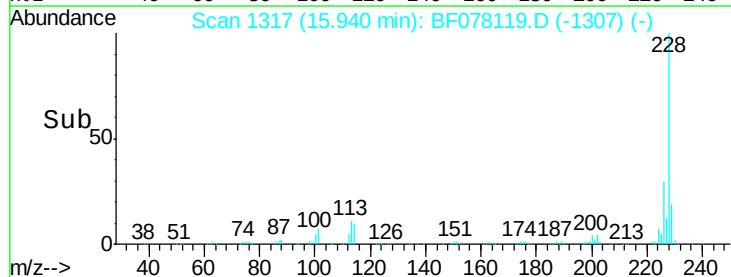
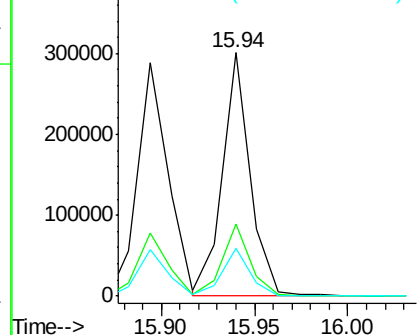


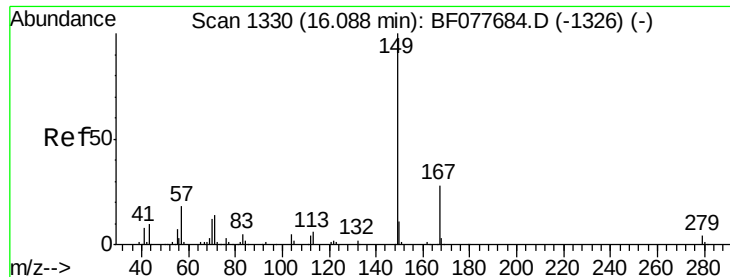
#82
 Chrysene
 Concen: 36.21 ng
 RT: 15.94 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.4	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

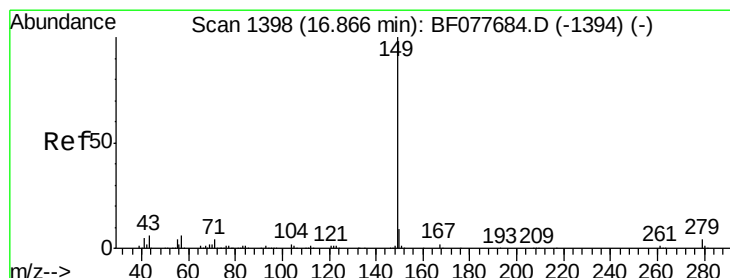
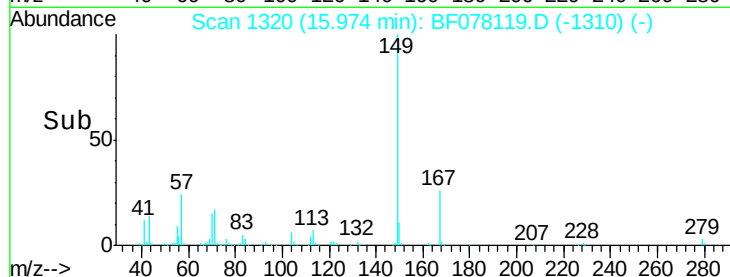
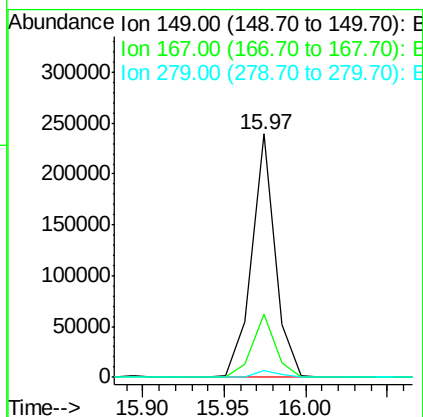
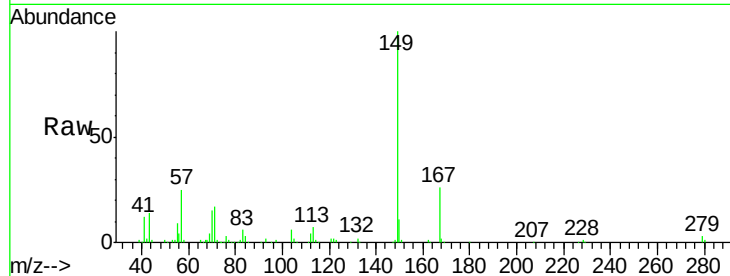




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.67 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

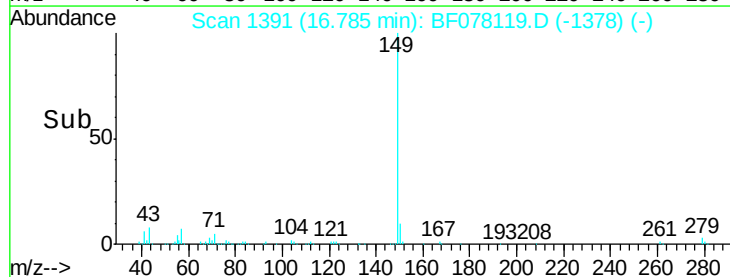
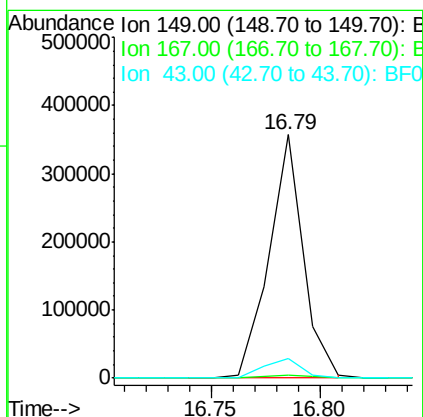
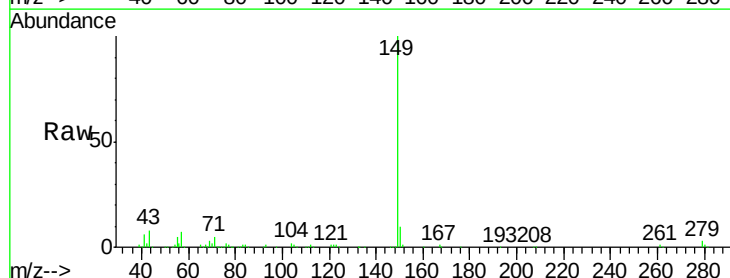
Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MSD

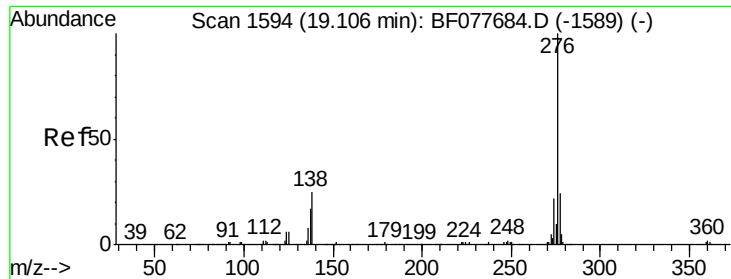
Tgt Ion:149 Resp: 240174
 Ion Ratio Lower Upper
 149 100
 167 26.2 22.4 33.6
 279 2.9 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 38.23 ng
 RT: 16.79 min Scan# 1391
 Delta R.T. 0.05 min
 Lab File: BF078119.D
 Acq: 31 Mar 2015 17:39

Tgt Ion:149 Resp: 395775
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.32 ng

RT: 19.01 min Scan# 1586

Delta R.T. 0.08 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

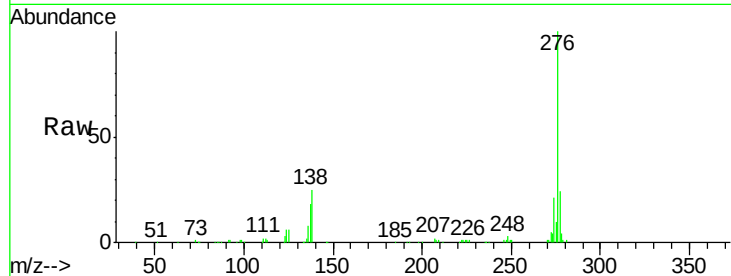
Tgt Ion:276 Resp: 325160

Ion Ratio Lower Upper

276 100

138 29.6 0.0 0.0#

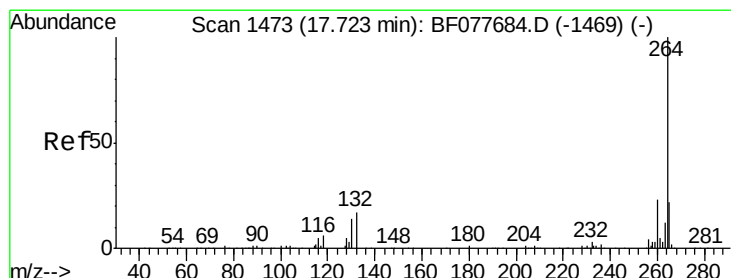
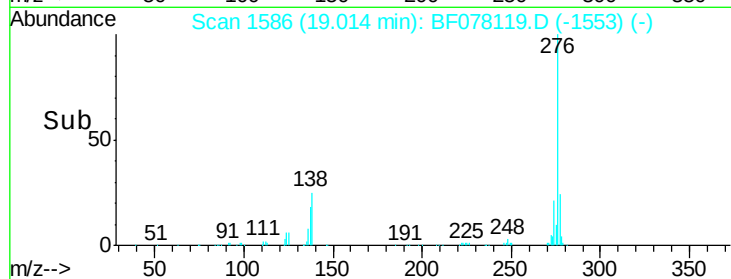
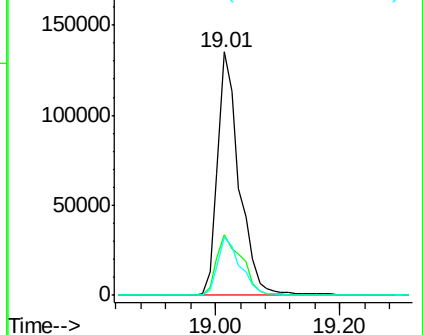
277 25.1 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.68 min Scan# 1469

Delta R.T. 0.07 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

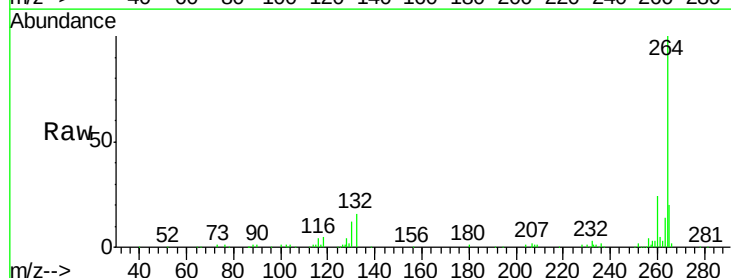
Tgt Ion:264 Resp: 146779

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

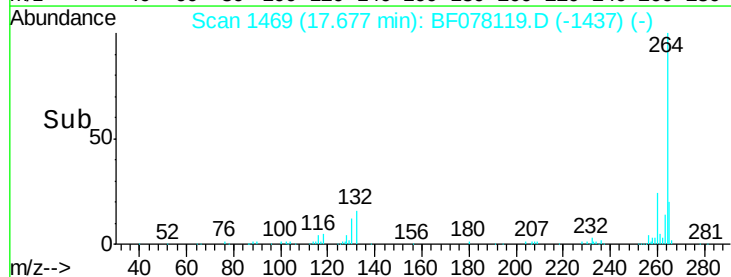
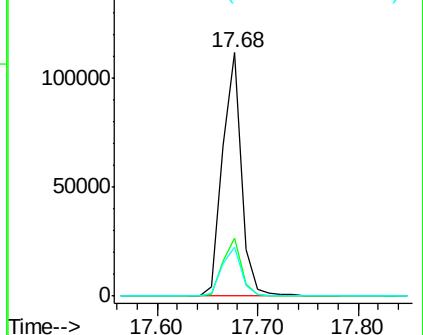
265 20.3 17.3 25.9

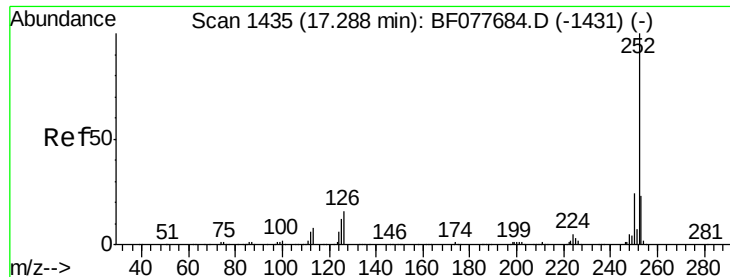


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

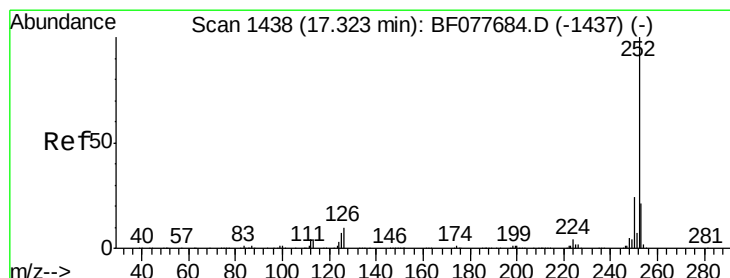
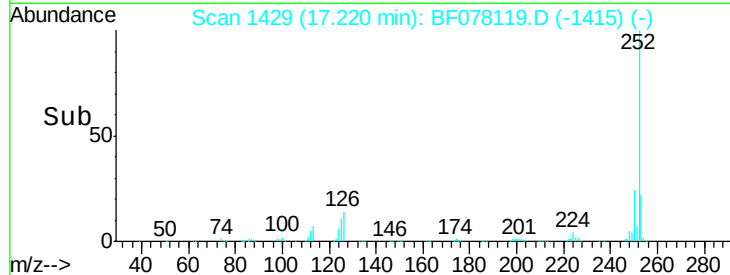
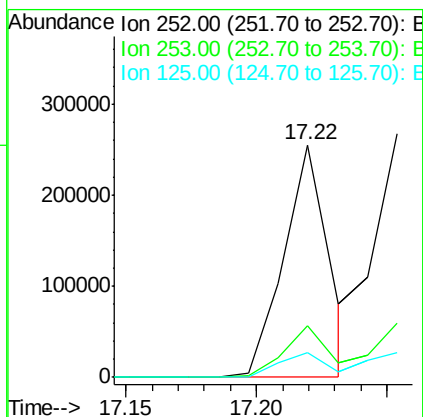
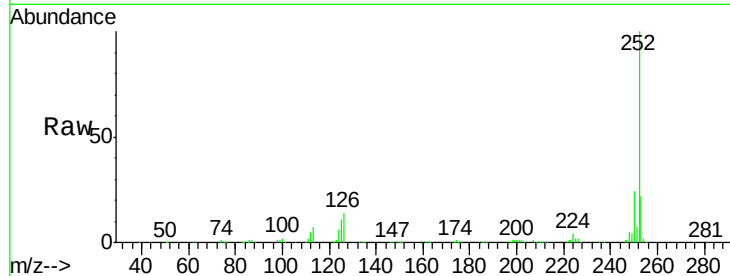




#87
Benzo(b)fluoranthene
Concen: 31.73 ng
RT: 17.22 min Scan# 1429
Delta R.T. 0.06 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

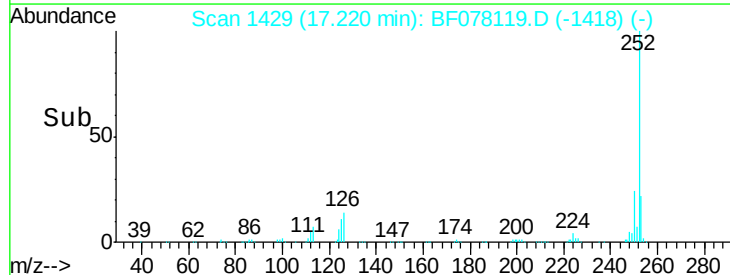
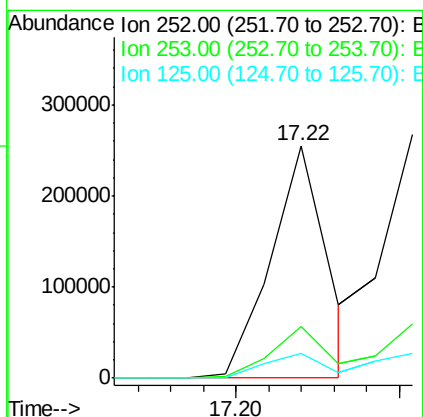
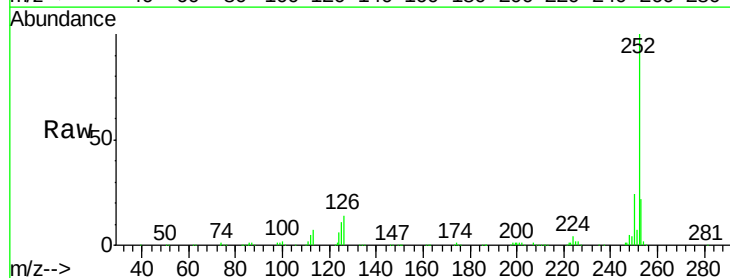
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MSD

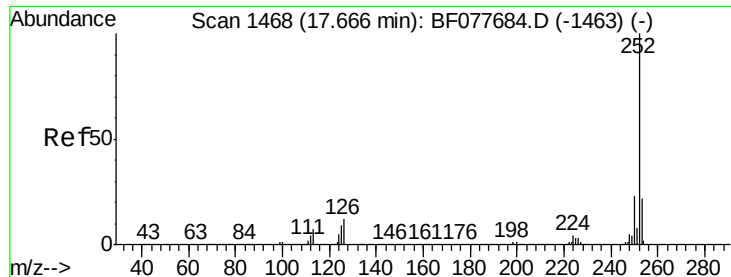
Tgt Ion:252 Resp: 304047
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.6 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 40.62 ng
RT: 17.22 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF078119.D
Acq: 31 Mar 2015 17:39

Tgt Ion:252 Resp: 304025
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.6 8.1 12.1





#89

Benzo(a)pyrene

Concen: 36.43 ng

RT: 17.61 min Scan# 1463

Delta R.T. 0.07 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

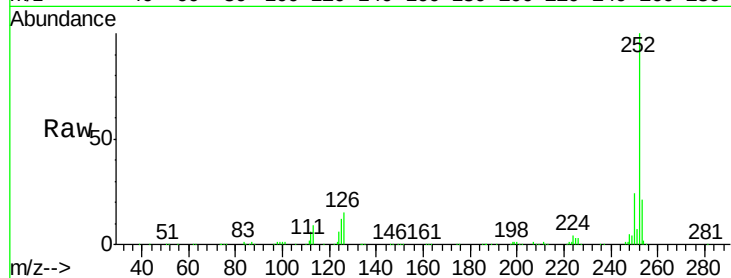
Tgt Ion:252 Resp: 291234

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

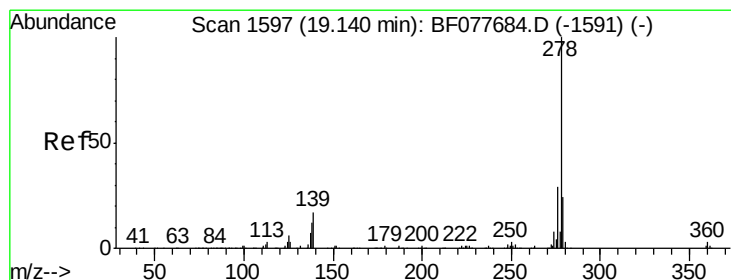
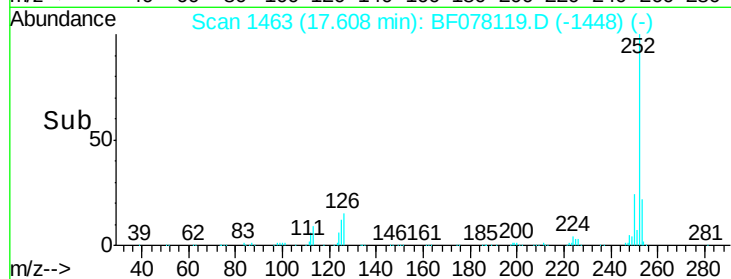
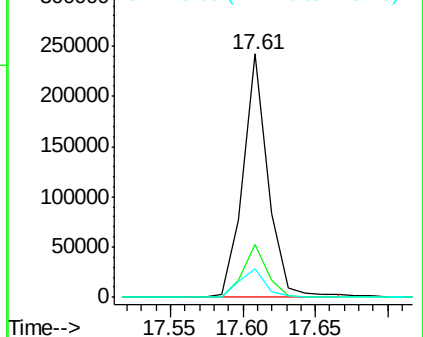
125 11.8 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.89 ng

RT: 19.05 min Scan# 1589

Delta R.T. 0.09 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

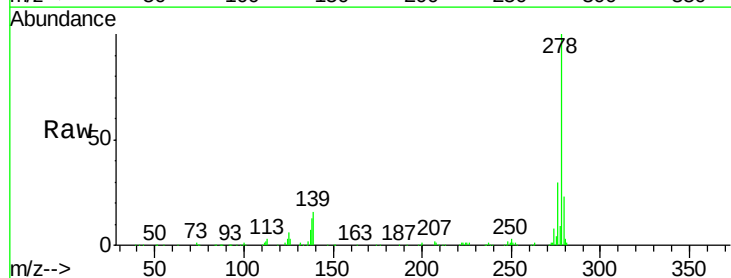
Tgt Ion:278 Resp: 268723

Ion Ratio Lower Upper

278 100

139 16.4 13.4 20.0

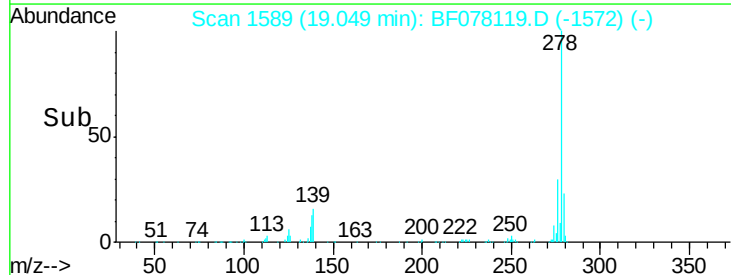
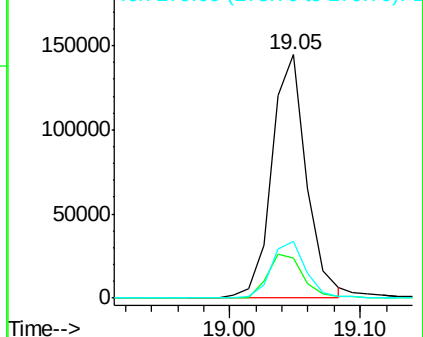
279 23.5 19.0 28.4

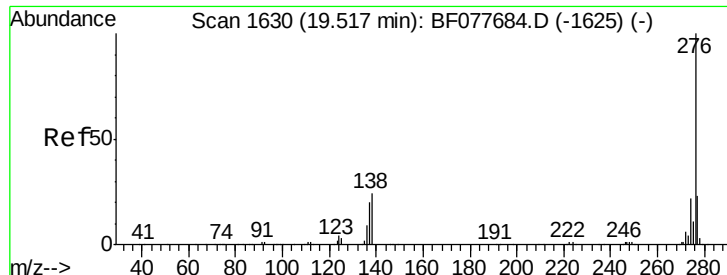


Abundance Ion 278.00 (277.70 to 278.70): E

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: 33.56 ng

RT: 19.40 min Scan# 1620

Delta R.T. 0.08 min

Lab File: BF078119.D

Acq: 31 Mar 2015 17:39

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MSD

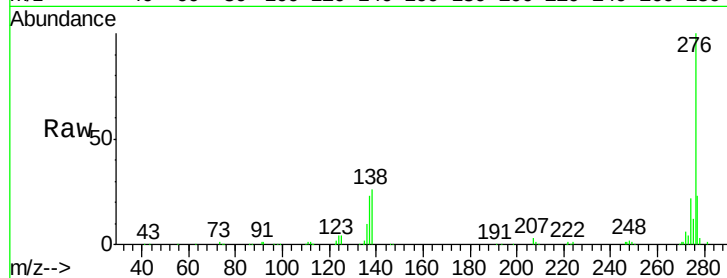
Tgt Ion: 276 Resp: 270967

Ion Ratio Lower Upper

276 100

277 22.8 18.5 27.7

138 25.5 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

