

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052215\
 Data File : BF079458.D
 Acq On : 23 May 2015 6:00
 Operator : TP/IZ
 Sample : G2289-13MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Quant Time: May 23 06:58:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 06:56:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	65034	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	262198	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	124928	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	232910	20.00	ng	0.00
75) Chrysene-d12	15.91	240	220246	20.00	ng	0.00
86) Perylene-d12	17.63	264	229662	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.64	99	731762	146.53	ng	0.01
23) Nitrobenzene-d5	7.75	82	397188	87.06	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	206704	152.95	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	801963	89.44	ng	0.00
78) Terphenyl-d14	14.63	244	869648	94.53	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.64	93	127599	18.10	ng	# 46
8) 2-Chlorophenol	6.79	128	206404	48.17	ng	# 82
9) Benzaldehyde	6.50	77	33625	9.99	ng	96
10) Phenol	6.65	94	275052	47.48	ng	90
11) bis(2-Chloroethyl)ether	6.75	93	193043	45.45	ng	98
12) 1,3-Dichlorobenzene	6.97	146	222291	46.15	ng	# 94
13) 1,4-Dichlorobenzene	7.07	146	224957	45.39	ng	98
14) 1,2-Dichlorobenzene	7.26	146	212293	46.01	ng	99
15) Benzyl Alcohol	7.24	79	165594	44.67	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.42	45	277068	42.64	ng	92
17) 2-Methylphenol	7.39	107	164757	47.78	ng	# 93
18) Hexachloroethane	7.67	117	77441	45.36	ng	93
19) n-Nitroso-di-n-propylamine	7.58	70	146107	43.32	ng	98
20) 3+4-Methylphenols	7.60	107	223592	48.66	ng	# 43
22) Acetophenone	7.56	105	292867	49.44	ng	# 88
24) Nitrobenzene	7.77	77	211428	46.75	ng	93
25) Isophorone	8.08	82	389418	46.04	ng	98
26) 2-Nitrophenol	8.17	139	101077	54.00	ng	95
27) 2,4-Dimethylphenol	8.24	122	188628	50.36	ng	96
28) bis(2-Chloroethoxy)methane	8.35	93	243535	46.71	ng	98
29) 2,4-Dichlorophenol	8.47	162	178271	53.53	ng	95
30) 1,2,4-Trichlorobenzene	8.56	180	173086	47.31	ng	98
31) Naphthalene	8.65	128	611142	48.92	ng	100
32) Benzoic acid	8.35	122	34137	18.95	ng	97
33) 4-Chloroaniline	8.74	127	101157	19.14	ng	# 91
34) Hexachlorobutadiene	8.81	225	97867	46.45	ng	99
35) Caprolactam	9.16	113	48193	44.75	ng	96
36) 4-Chloro-3-methylphenol	9.36	107	181179	51.79	ng	100
37) 2-Methylnaphthalene	9.51	142	419193	48.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	166391	47.29	ng	98
40) Hexachlorocyclopentadiene	9.70	237	88850	50.22	ng	95
42) 2,4,6-Trichlorophenol	9.87	196	114452	47.32	ng	99
43) 2,4,5-Trichlorophenol	9.92	196	120214	49.16	ng	# 85
45) 1,1'-Biphenyl	10.09	154	475304	47.86	ng	96

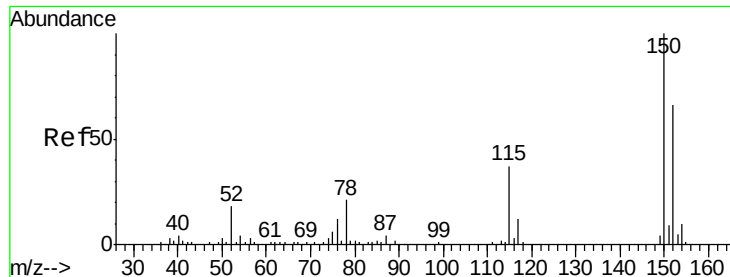
Data Path : Z:\HPCHEM1\BNA_F\Data\BF052215\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.11	162	378716	48.89	ng	96
47) 2-Nitroaniline	10.25	65	110504	49.23	ng	88
48) Acenaphthylene	10.62	152	612491	48.15	ng	99
49) Dimethylphthalate	10.49	163	503515	54.92	ng	99
50) 2,6-Dinitrotoluene	10.56	165	89705	49.58	ng	# 44
51) Acenaphthene	10.83	154	361453	47.65	ng	99
52) 3-Nitroaniline	10.76	138	71199	31.50	ng	89
53) 2,4-Dinitrophenol	10.91	184	24773	45.90	ng	# 62
54) Dibenzofuran	11.05	168	537482	49.06	ng	98
55) 4-Nitrophenol	10.99	139	127250	71.13	ng	99
56) 2,4-Dinitrotoluene	11.06	165	127305	53.22	ng	96
57) Fluorene	11.47	166	435133	48.39	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	91041	45.56	ng	99
59) Diethylphthalate	11.36	149	422445	46.51	ng	97
60) 4-Chlorophenyl-phenylether	11.48	204	190220	47.68	ng	97
61) 4-Nitroaniline	11.52	138	91740	40.57	ng	96
62) Azobenzene	11.68	77	417613	46.66	ng	99
64) 4,6-Dinitro-2-methylphenol	11.56	198	36896	40.57	ng	69
65) n-Nitrosodiphenylamine	11.63	169	365360	47.10	ng	99
66) 4-Bromophenyl-phenylether	12.09	248	119083	49.05	ng	91
67) Hexachlorobenzene	12.15	284	136568	49.22	ng	# 78
68) Atrazine	12.32	200	117018	51.88	ng	93
69) Pentachlorophenol	12.41	266	109134	68.32	ng	98
70) Phenanthrene	12.66	178	739152	56.73	ng	99
71) Anthracene	12.73	178	666519	52.14	ng	99
72) Carbazole	12.94	167	616711	50.62	ng	100
73) Di-n-butylphthalate	13.39	149	724653	49.60	ng	99
74) Fluoranthene	14.14	202	806037	59.37	ng	96
76) Benzidine	14.32	184	288079	48.53	ng	99
77) Pyrene	14.41	202	792931	62.48	ng	99
79) Butylbenzylphthalate	15.25	149	307877	55.50	ng	95
80) Benzo(a)anthracene	15.90	228	663540	55.02	ng	99
81) 3,3'-Dichlorobenzidine	15.89	252	188547	43.89	ng	99
82) Chrysene	15.94	228	617942	53.27	ng	99
83) Bis(2-ethylhexyl)phthalate	15.97	149	453877	54.01	ng	# 99
84) Di-n-octyl phthalate	16.75	149	737606	49.84	ng	96
85) Indeno(1,2,3-cd)pyrene	18.97	276	772738	52.28	ng	100
87) Benzo(b)fluoranthene	17.19	252	711014	56.56	ng	99
88) Benzo(k)fluoranthene	17.19	252	711014	58.43	ng	# 95
89) Benzo(a)pyrene	17.58	252	646972	55.90	ng	98
90) Dibenzo(a,h)anthracene	18.99	278	616837	50.14	ng	99
91) Benzo(g,h,i)perylene	19.36	276	650279	52.74	ng	# 93

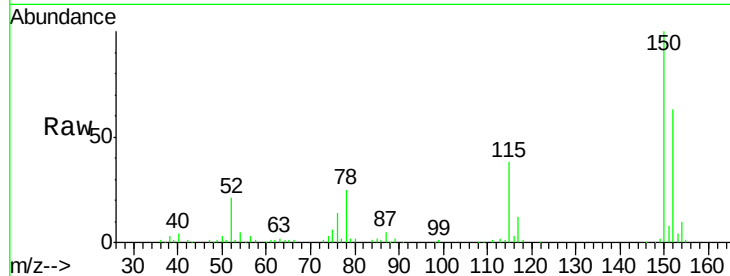
(#) = qualifier out of range (m) = manual integration (+) = signals summed



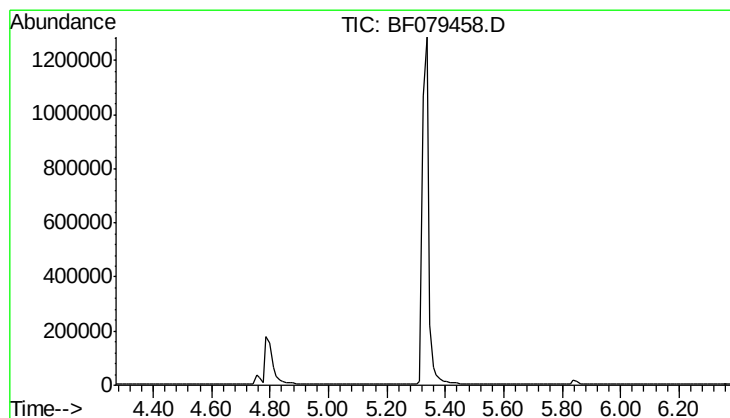
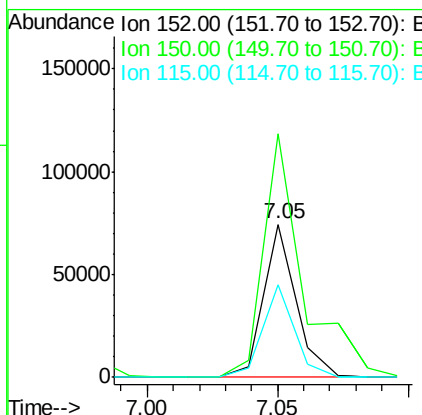
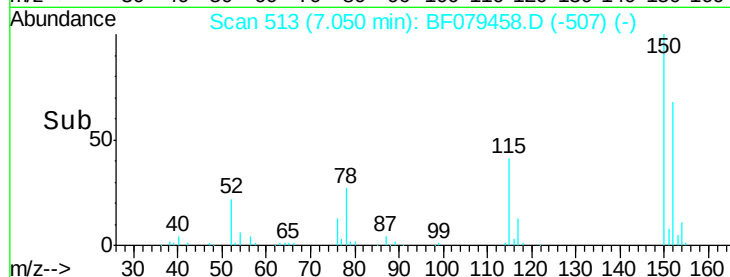
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.8
115	60.2	49.4	74.0

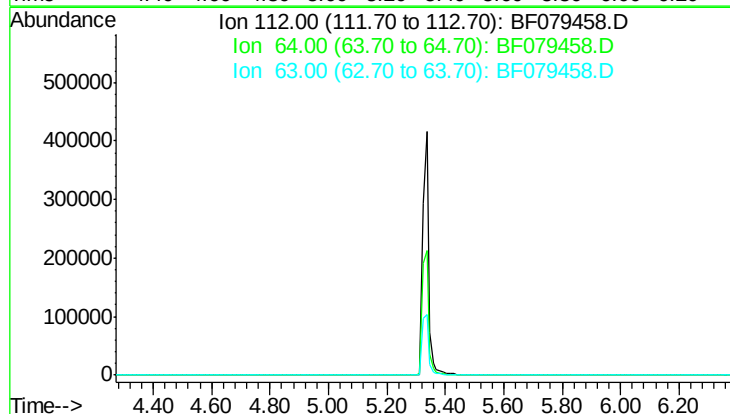


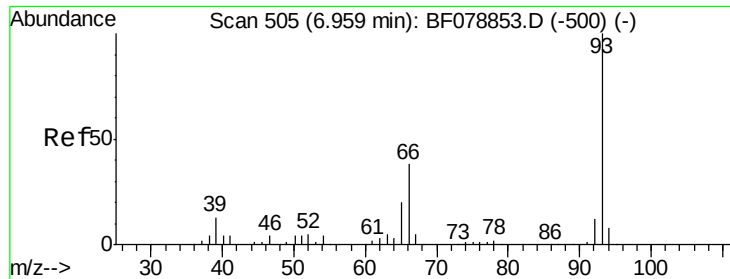
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.32 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.2	
63	28.4	





#6

Aniline

Concen: 18.10 ng

RT: 6.64 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

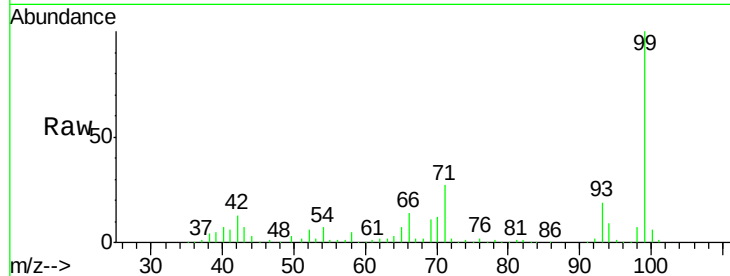
Tgt Ion: 93 Resp: 127599

Ion Ratio Lower Upper

93 100

66 76.5 30.7 46.1#

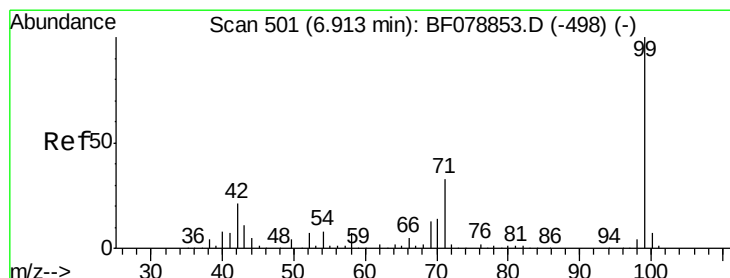
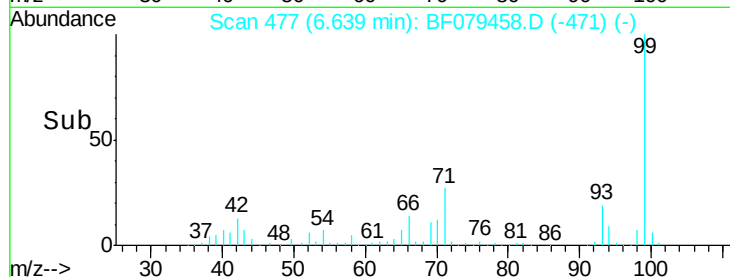
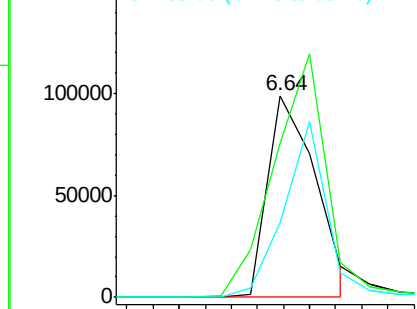
65 37.0 15.8 23.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 146.53 ng

RT: 6.64 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

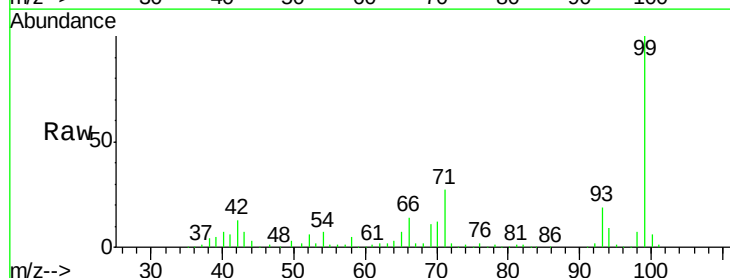
Tgt Ion: 99 Resp: 731762

Ion Ratio Lower Upper

99 100

42 13.3 17.1 25.7#

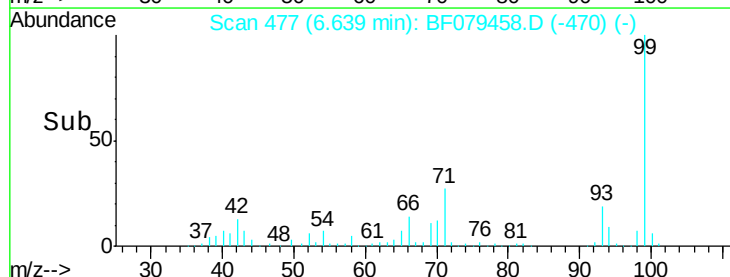
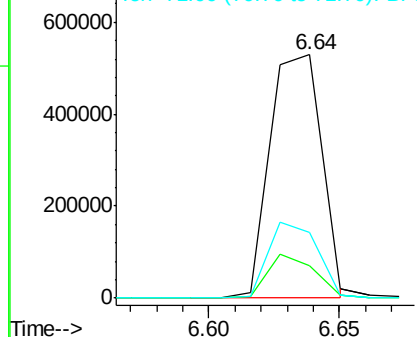
71 27.1 26.3 39.5

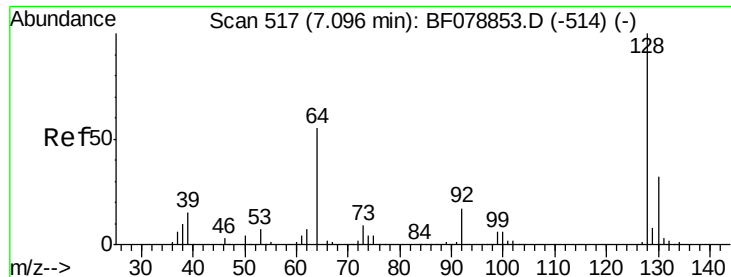


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 48.17 ng

RT: 6.79 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

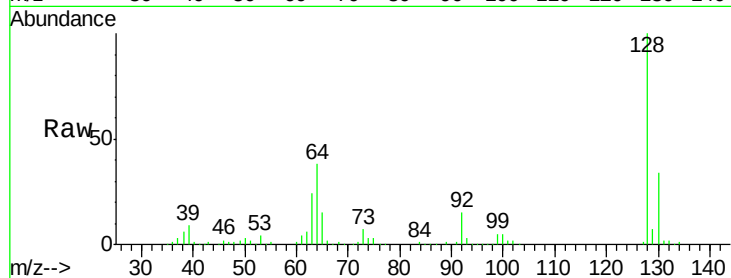
Tgt Ion:128 Resp: 206404

Ion Ratio Lower Upper

128 100

130 33.5 12.4 52.4

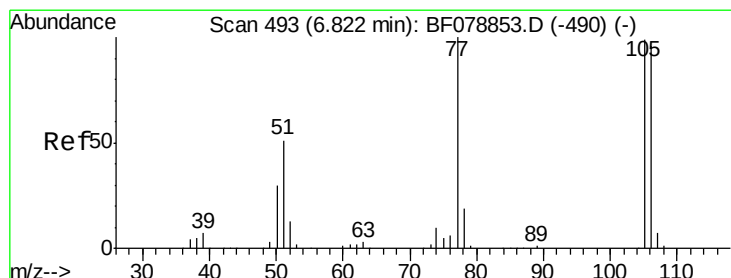
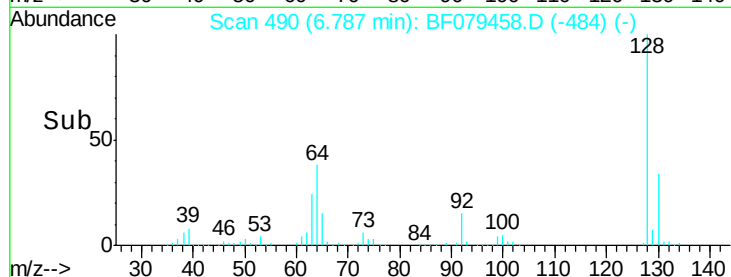
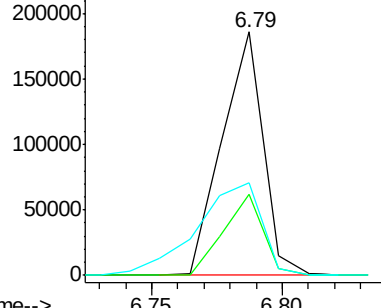
64 37.8 37.8 77.8#



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): E



#9

Benzaldehyde

Concen: 9.99 ng

RT: 6.50 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

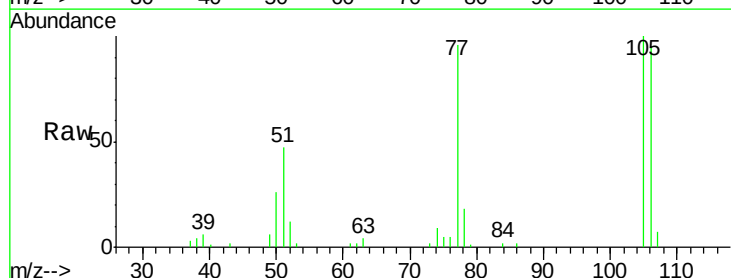
Tgt Ion: 77 Resp: 33625

Ion Ratio Lower Upper

77 100

105 103.7 78.9 118.9

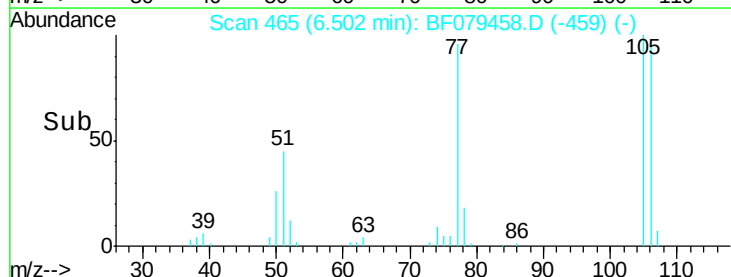
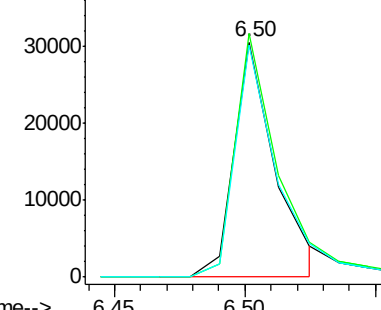
106 98.6 75.8 115.8

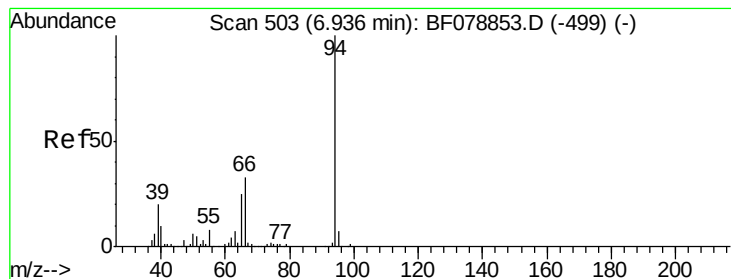


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 47.48 ng

RT: 6.65 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

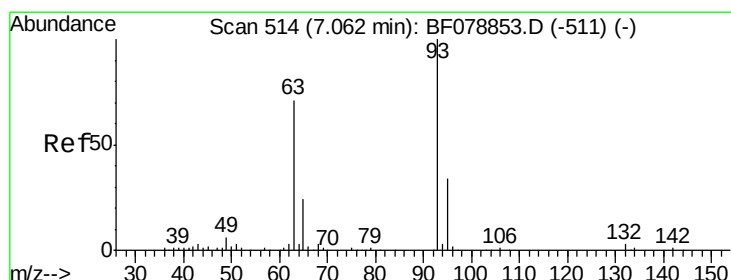
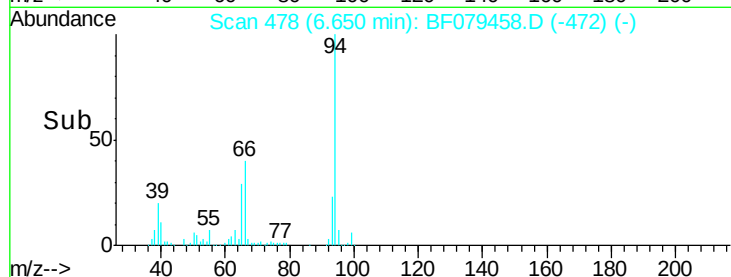
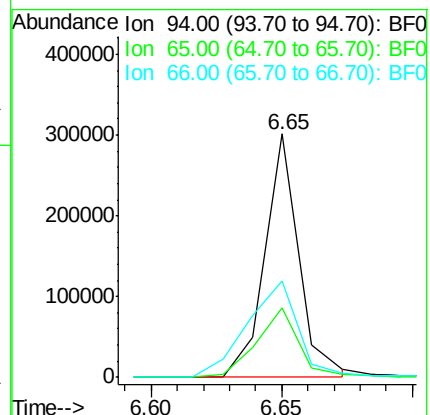
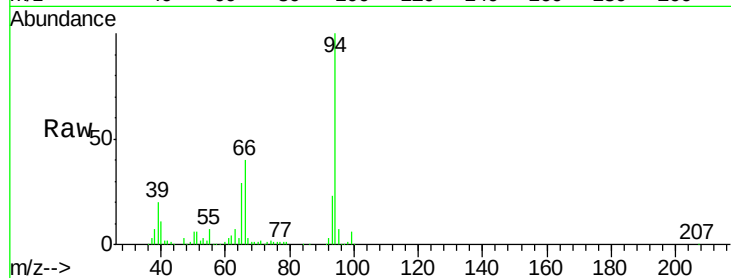
Tgt Ion: 94 Resp: 275052

Ion Ratio Lower Upper

94 100

65 28.6 5.1 45.1

66 39.7 13.1 53.1



#11

bis(2-Chloroethyl)ether

Concen: 45.45 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

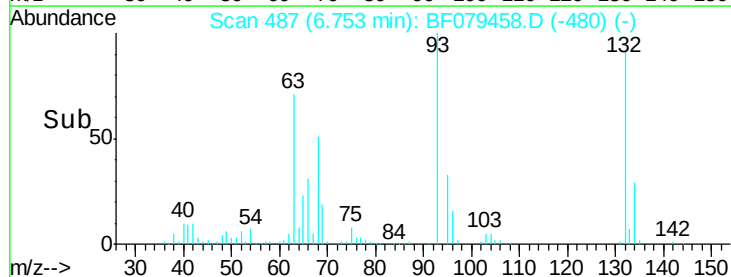
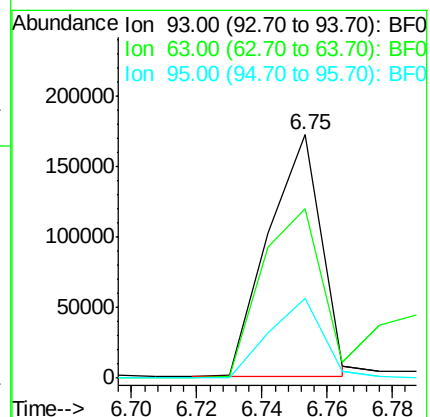
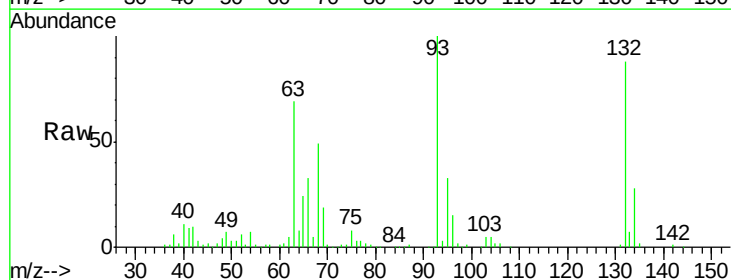
Tgt Ion: 93 Resp: 193043

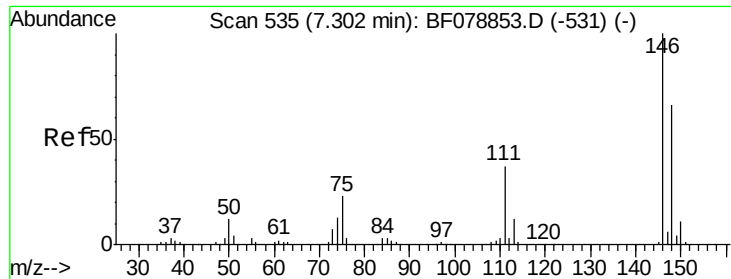
Ion Ratio Lower Upper

93 100

63 69.3 50.8 90.8

95 32.5 13.9 53.9

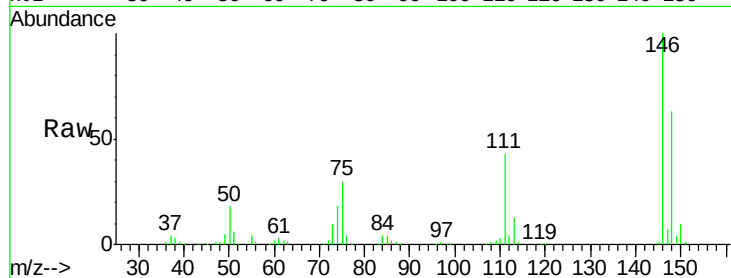




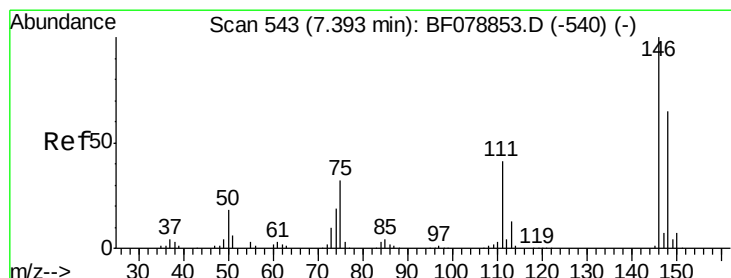
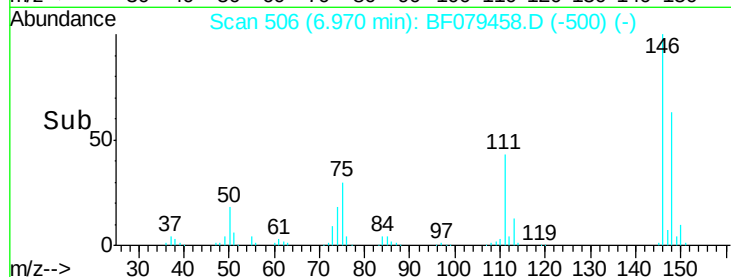
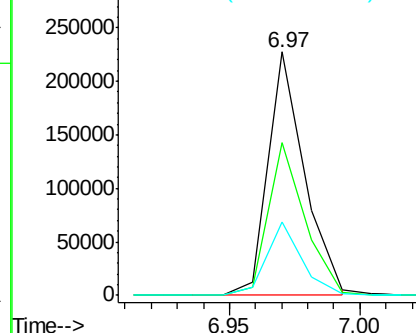
#12
 1,3-Dichlorobenzene
 Concen: 46.15 ng
 RT: 6.97 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tgt Ion:146 Resp: 222291
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.4 78.6
 75 30.0 18.6 27.8#

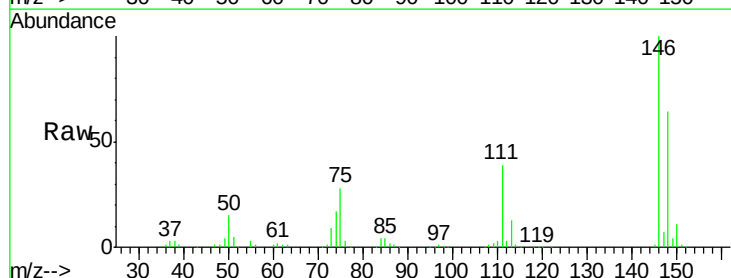


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

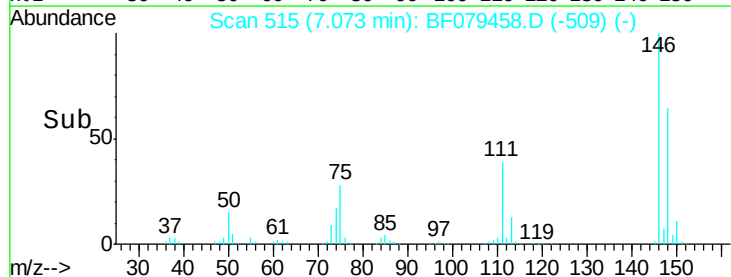
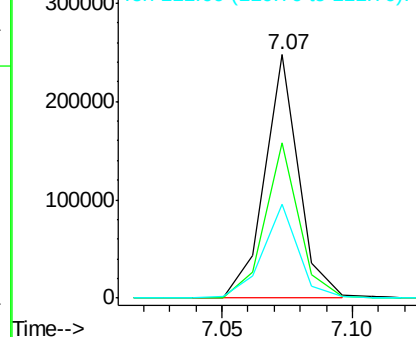


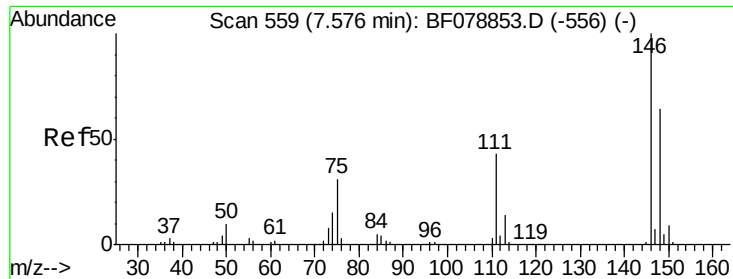
#13
 1,4-Dichlorobenzene
 Concen: 45.39 ng
 RT: 7.07 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion:146 Resp: 224957
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.7 77.5
 111 38.7 32.8 49.2



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

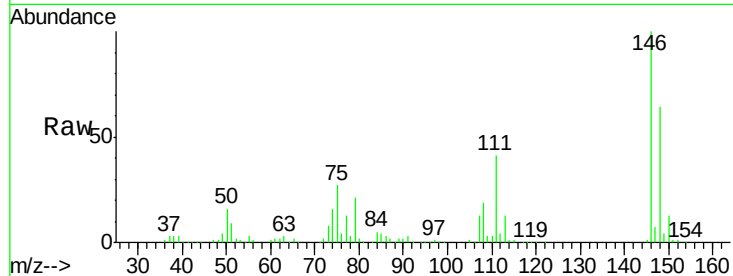




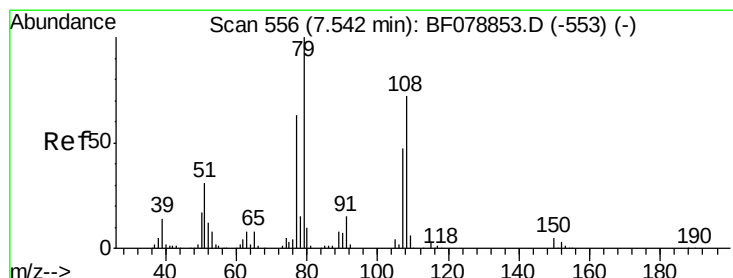
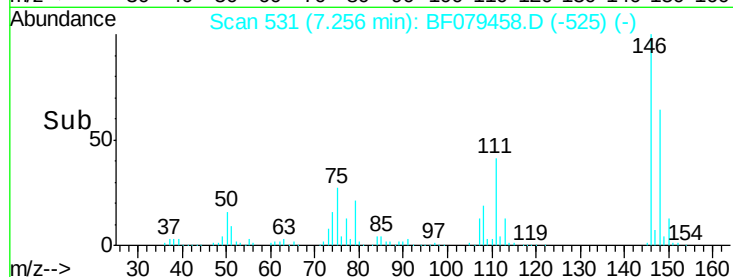
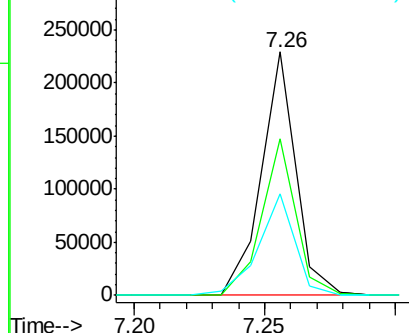
#14
 1,2-Dichlorobenzene
 Concen: 46.01 ng
 RT: 7.26 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tgt Ion: 146 Resp: 212293
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 41.5 34.6 52.0

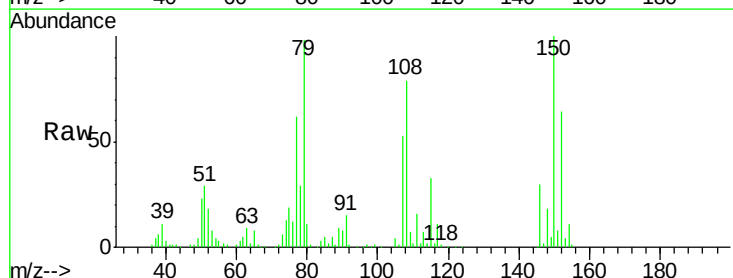


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

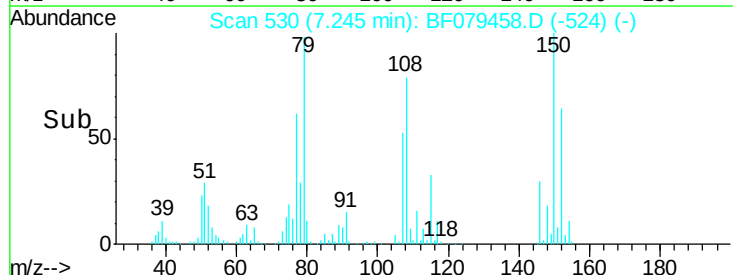
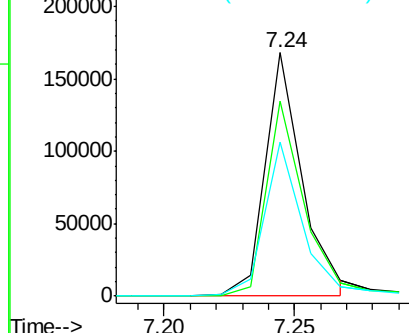


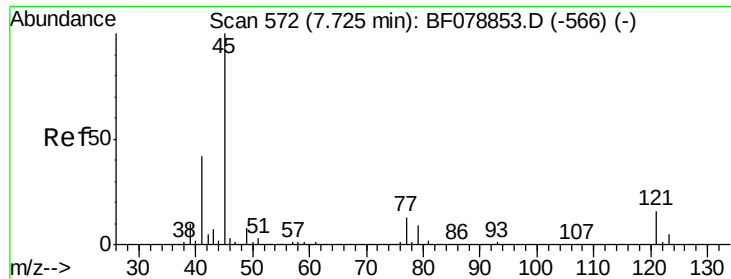
#15
 Benzyl Alcohol
 Concen: 44.67 ng
 RT: 7.24 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion: 79 Resp: 165594
 Ion Ratio Lower Upper
 79 100
 108 80.3 57.4 86.2
 77 63.5 50.2 75.4



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

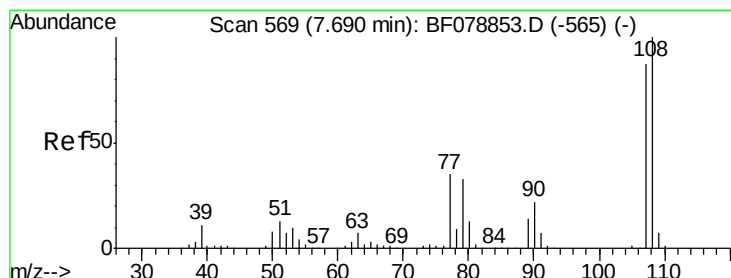
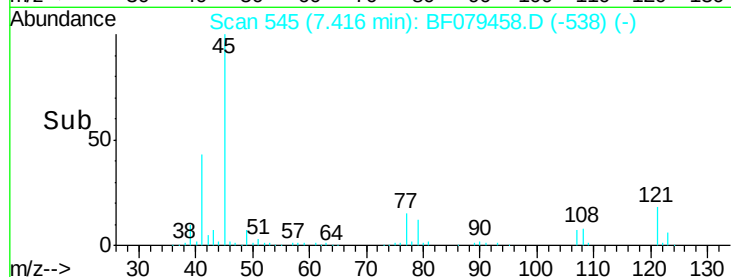
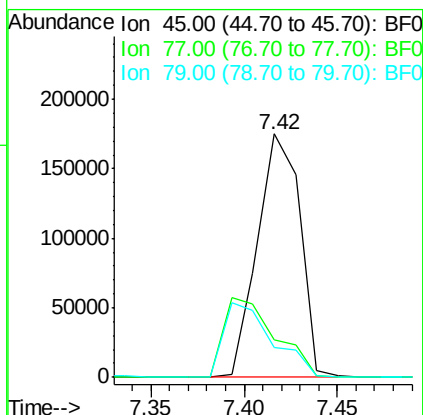
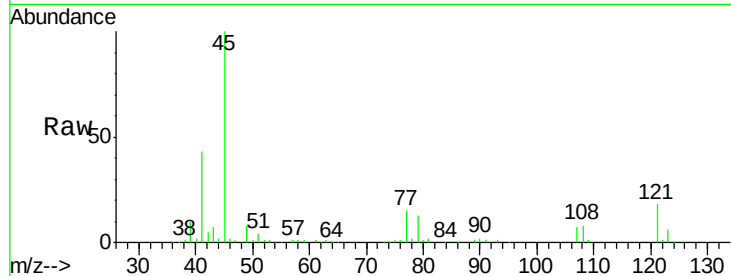




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.64 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

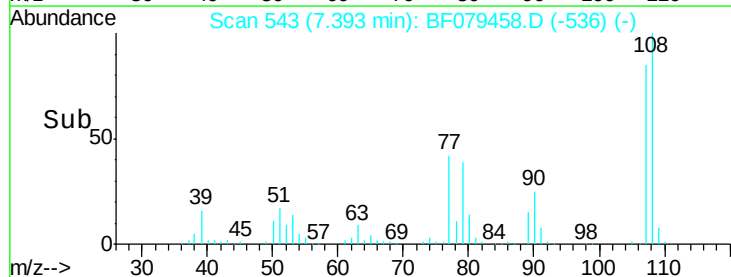
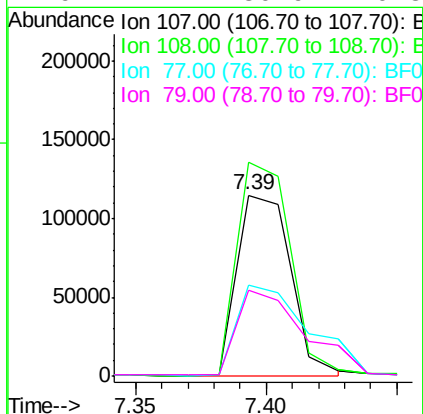
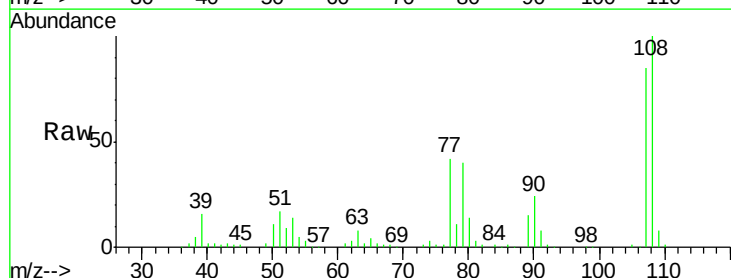
Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

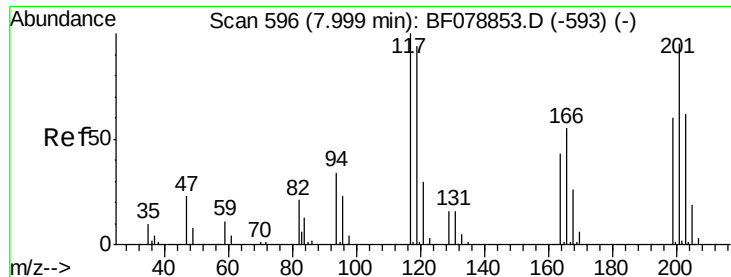
Tgt Ion: 45 Resp: 277068
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.6
79 12.5 0.0 29.3



#17
2-Methylphenol
Concen: 47.78 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion: 107 Resp: 164757
Ion Ratio Lower Upper
107 100
108 118.0 92.4 138.6
77 50.1 32.6 49.0#
79 47.1 30.9 46.3#

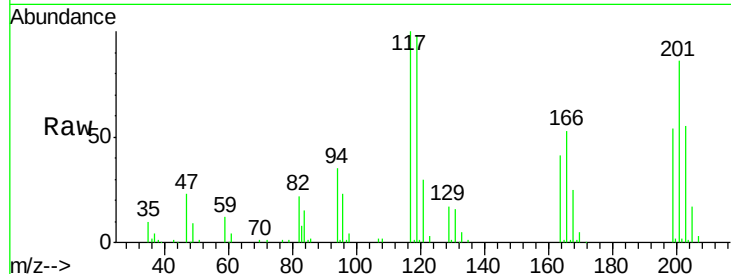




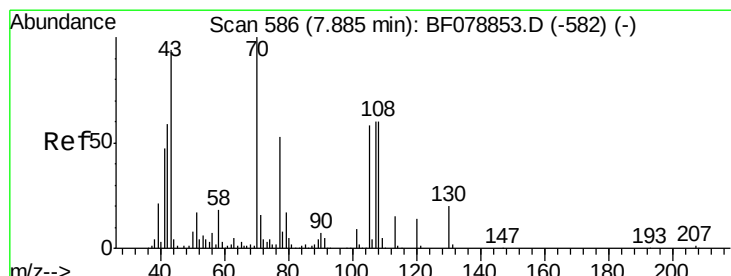
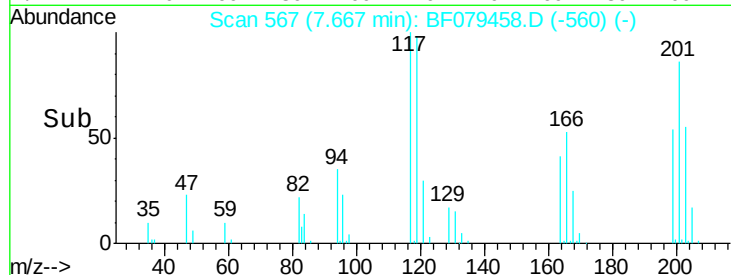
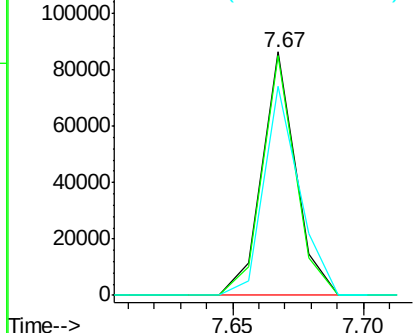
#18
Hexachloroethane
Concen: 45.36 ng
RT: 7.67 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tgt Ion: 117 Resp: 77441
Ion Ratio Lower Upper
117 100
119 98.3 75.2 112.8
201 86.1 75.8 113.8

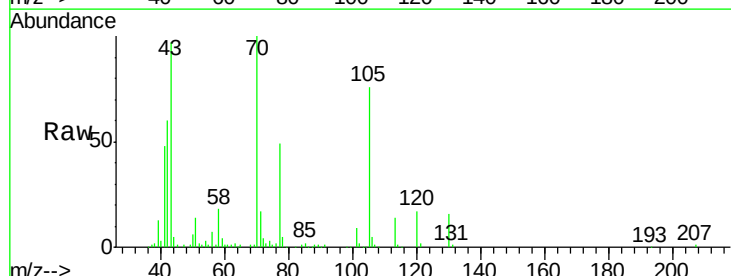


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

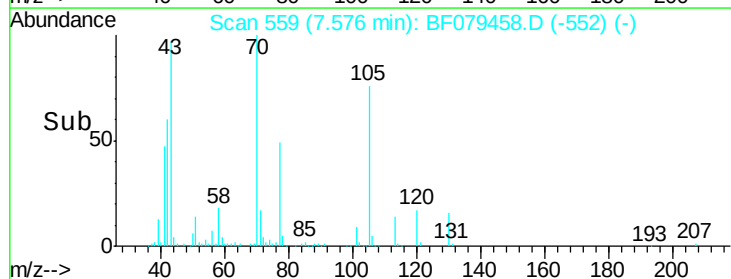
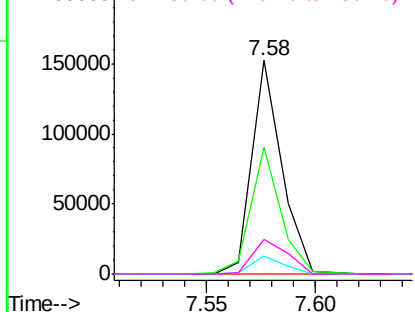


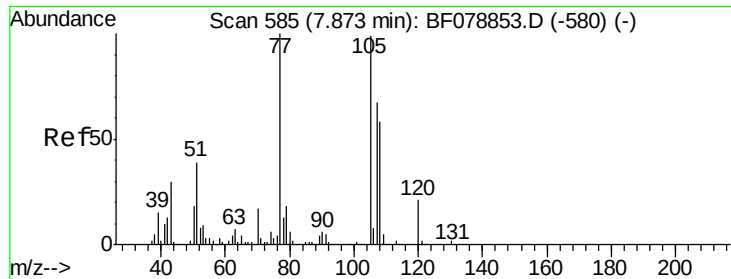
#19
n-Nitroso-di-n-propylamine
Concen: 43.32 ng
RT: 7.58 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion: 70 Resp: 146107
Ion Ratio Lower Upper
70 100
42 59.6 47.3 70.9
101 8.6 7.5 11.3
130 16.4 15.8 23.6



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

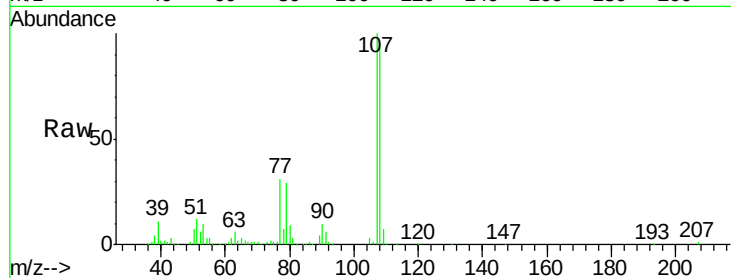




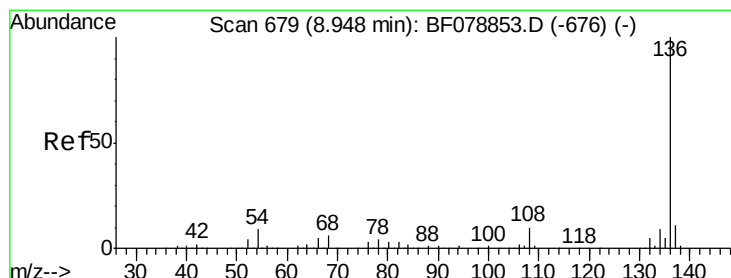
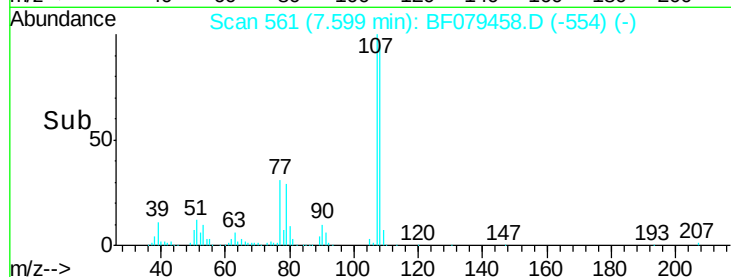
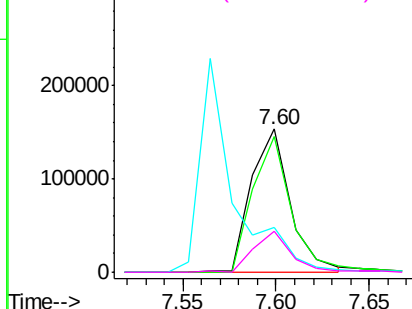
#20
 3+4-Methylphenols
 Concen: 48.66 ng
 RT: 7.60 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tgt Ion:107 Resp: 223592
 Ion Ratio Lower Upper
 107 100
 108 95.1 66.5 106.5
 77 31.4 130.6 170.6#
 79 29.0 6.4 46.4



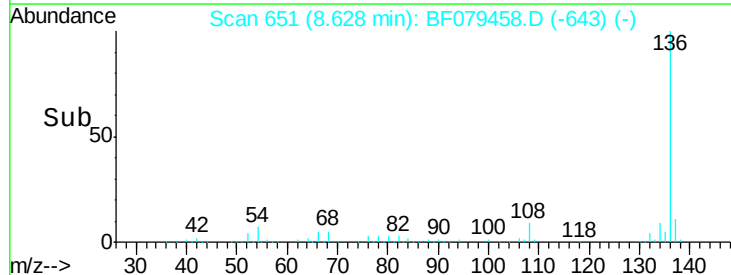
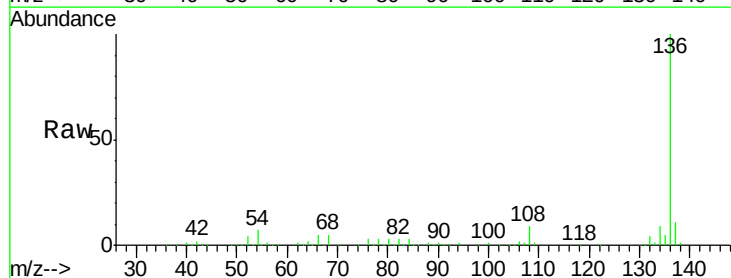
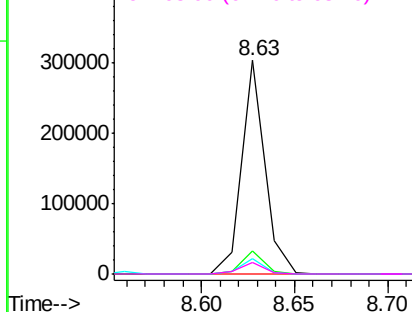
Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

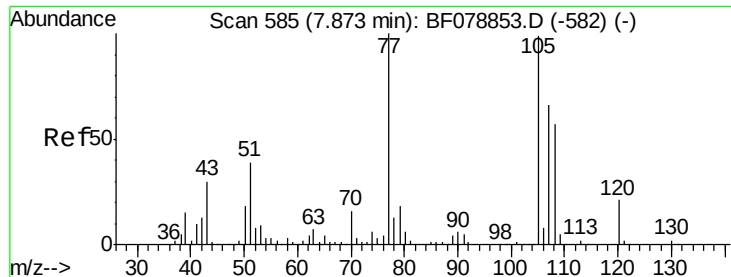


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.63 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion:136 Resp: 262198
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.8 13.2
 54 7.2 6.9 10.3
 68 5.5 4.9 7.3

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

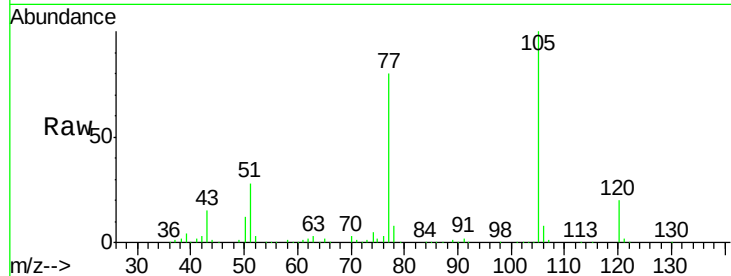




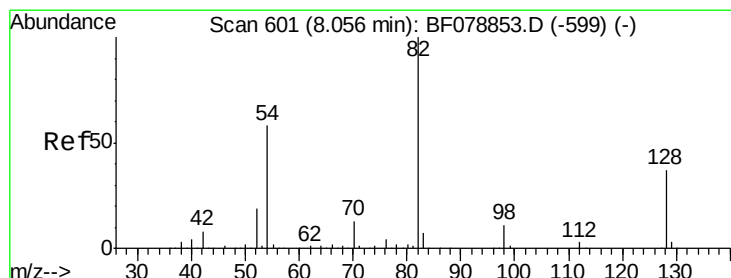
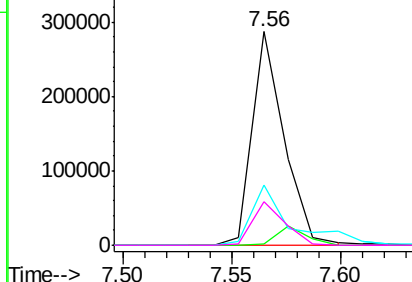
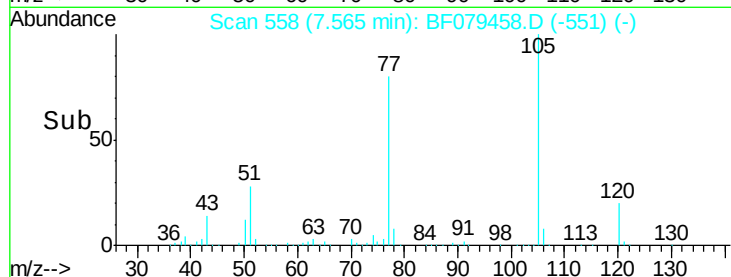
#22
Acetophenone
Concen: 49.44 ng
RT: 7.56 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tgt Ion: 105 Resp: 292867
Ion Ratio Lower Upper
105 100
71 0.5 2.2 3.4#
51 28.2 31.1 46.7#
120 20.1 16.7 25.1

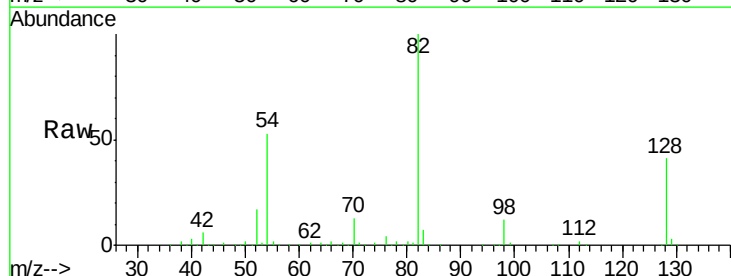


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

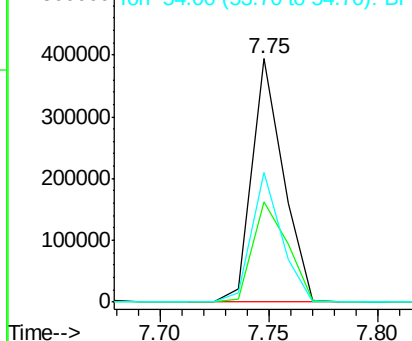
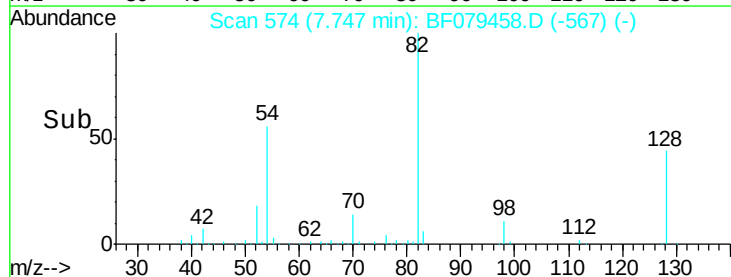


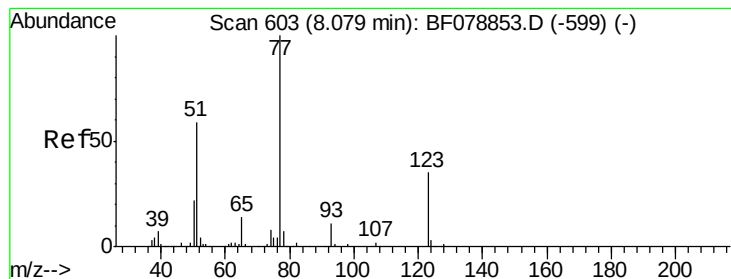
#23
Nitrobenzene-d5
Concen: 87.06 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion: 82 Resp: 397188
Ion Ratio Lower Upper
82 100
128 41.4 29.7 44.5
54 53.0 46.2 69.4



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





#24

Nitrobenzene

Concen: 46.75 ng

RT: 7.77 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

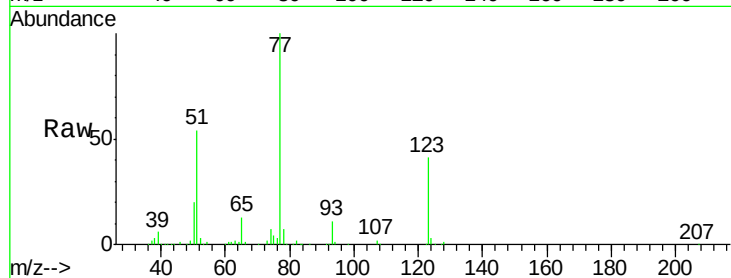
Tgt Ion: 77 Resp: 211428

Ion Ratio Lower Upper

77 100

123 41.1 28.3 42.5

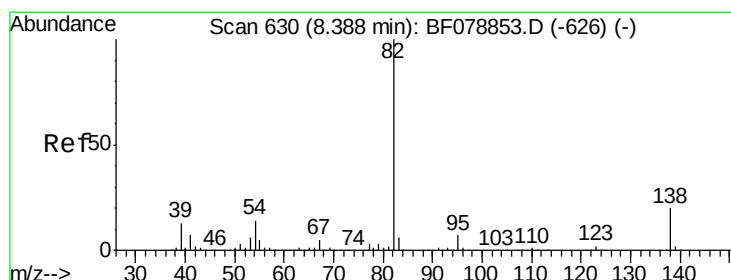
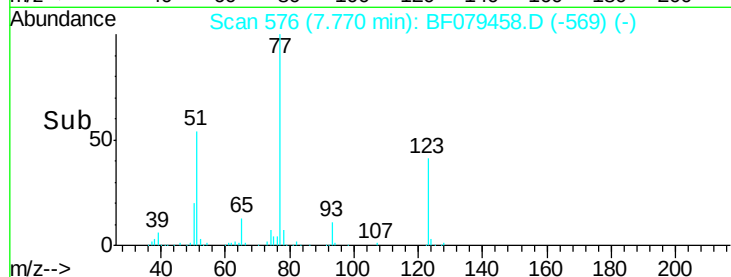
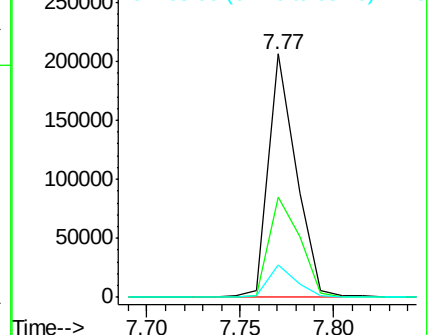
65 13.3 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 46.04 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

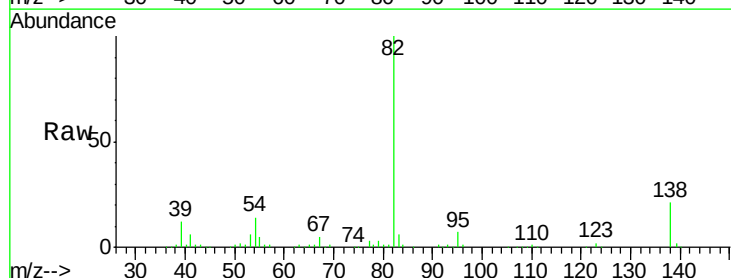
Tgt Ion: 82 Resp: 389418

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

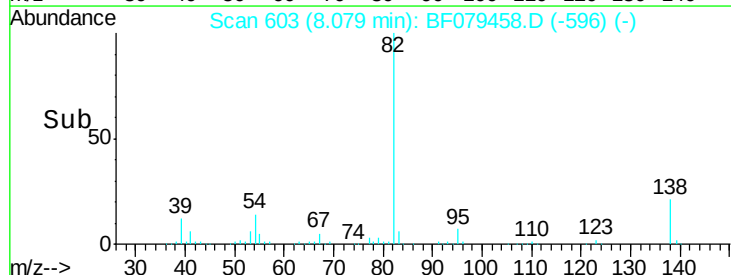
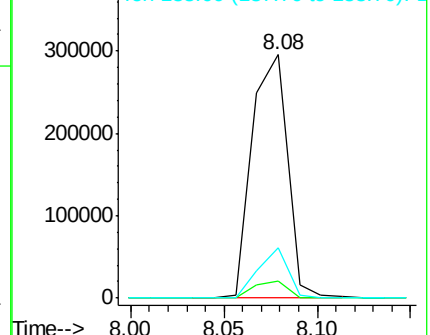
138 20.9 16.1 24.1

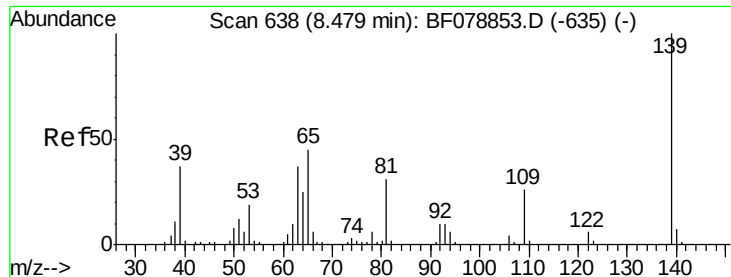


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

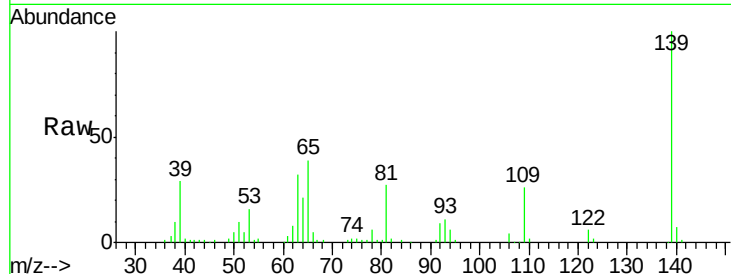




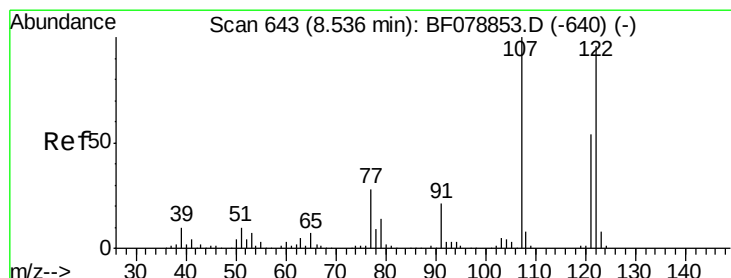
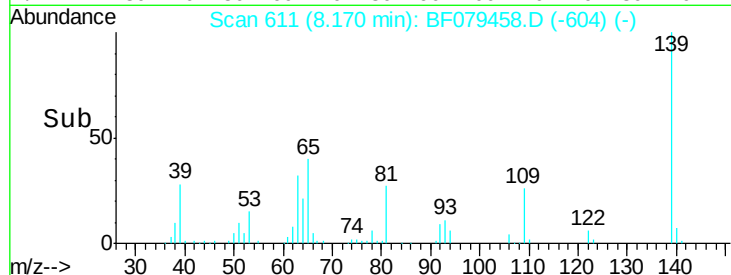
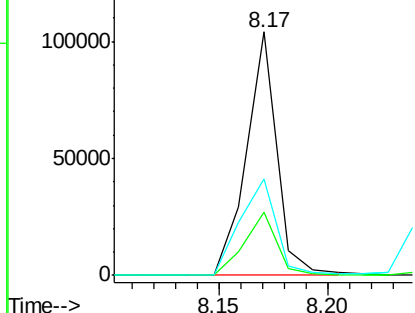
#26
 2-Nitrophenol
 Concen: 54.00 ng
 RT: 8.17 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.8	20.9	31.3
65	39.5	35.8	53.8

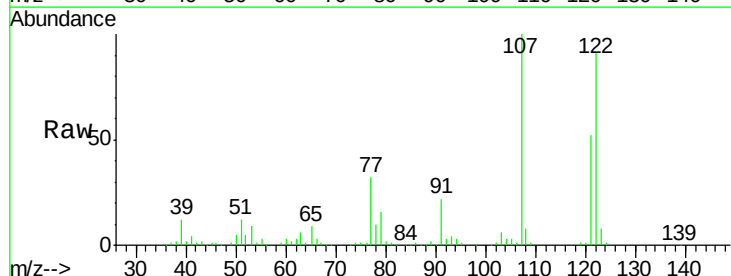


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

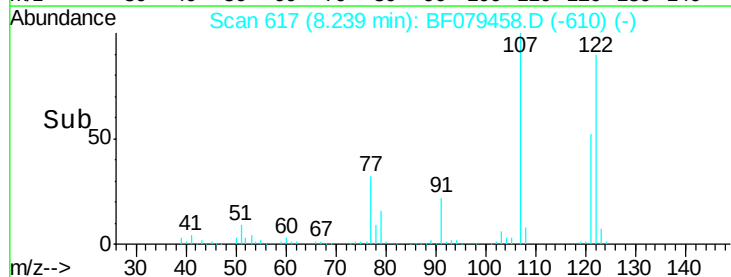
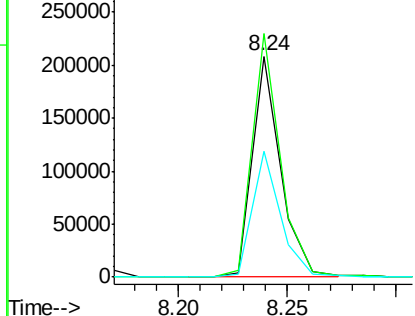


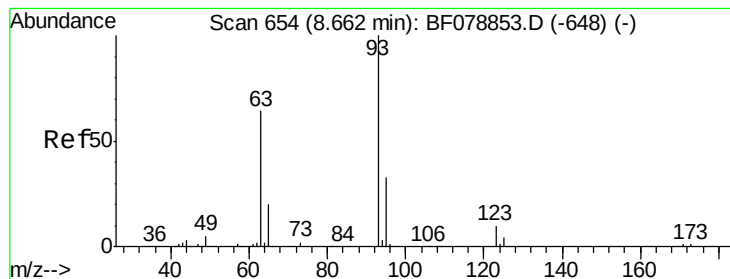
#27
 2,4-Dimethylphenol
 Concen: 50.36 ng
 RT: 8.24 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.2	83.6	125.4
121	56.9	44.9	67.3



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





#28

bis(2-Chloroethoxy)methane

Concen: 46.71 ng

RT: 8.35 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

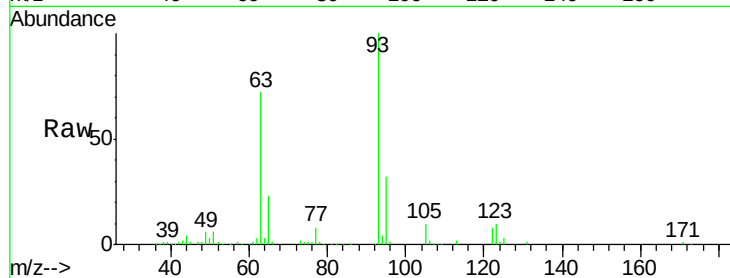
Tgt Ion: 93 Resp: 243535

Ion Ratio Lower Upper

93 100

95 31.6 26.2 39.2

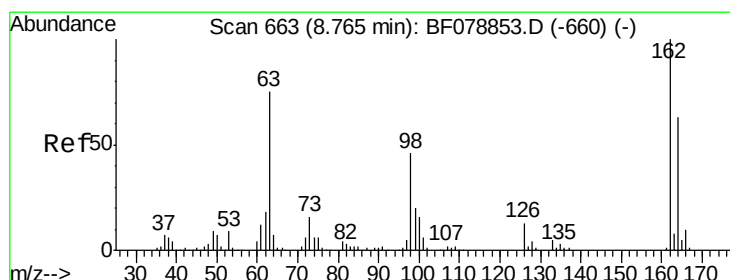
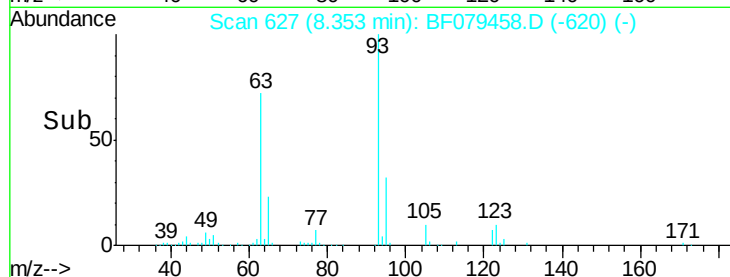
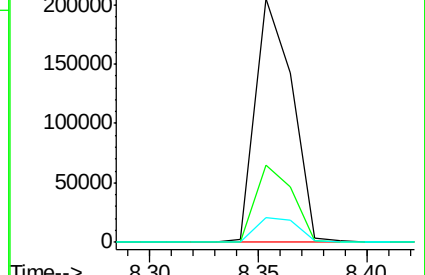
123 10.0 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF078853.D (-648) (-)

Ion 95.00 (94.70 to 95.70): BF078853.D (-648) (-)

Ion 123.00 (122.70 to 123.70): BF078853.D (-648) (-)



#29

2,4-Dichlorophenol

Concen: 53.53 ng

RT: 8.47 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

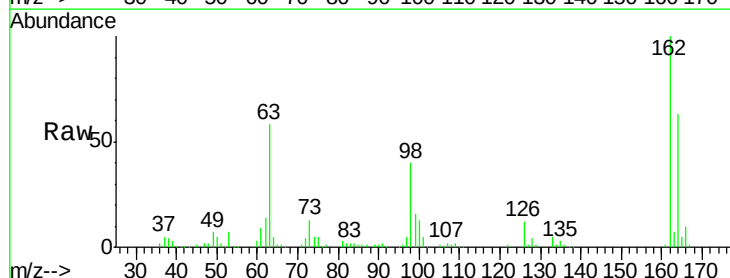
Tgt Ion: 162 Resp: 178271

Ion Ratio Lower Upper

162 100

164 63.3 42.7 82.7

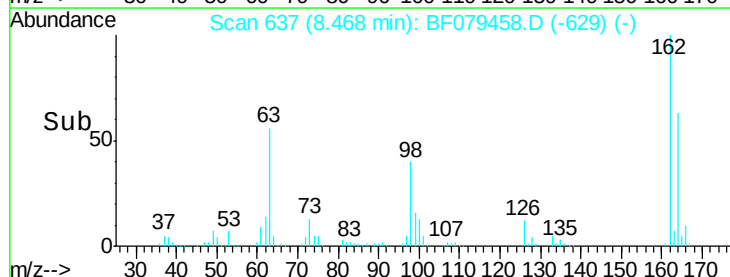
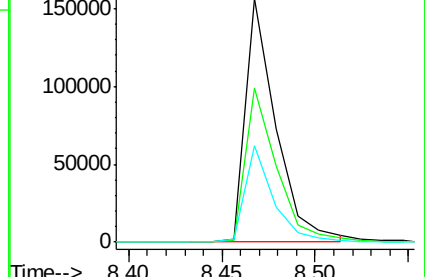
98 39.5 26.3 66.3

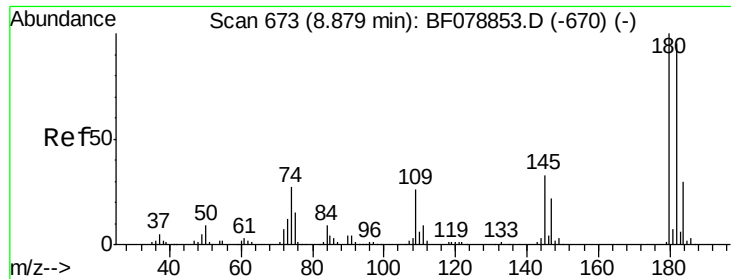


Abundance Ion 162.00 (161.70 to 162.70): BF078853.D (-660) (-)

Ion 164.00 (163.70 to 164.70): BF078853.D (-660) (-)

Ion 98.00 (97.70 to 98.70): BF078853.D (-660) (-)

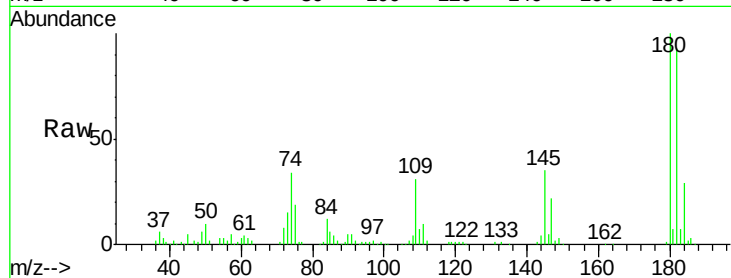




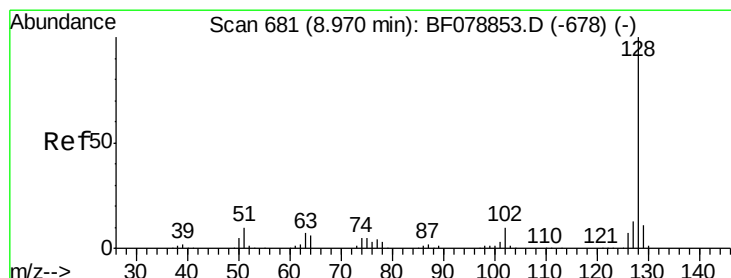
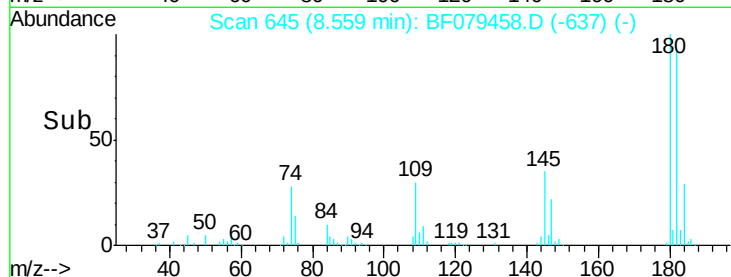
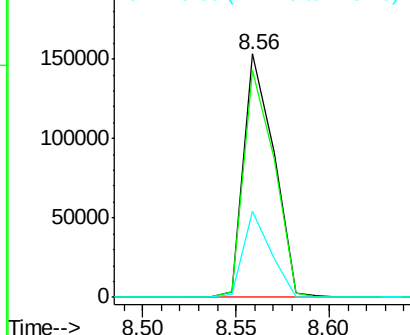
#30
 1,2,4-Trichlorobenzene
 Concen: 47.31 ng
 RT: 8.56 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tgt Ion:180 Resp: 173086
 Ion Ratio Lower Upper
 180 100
 182 93.2 75.7 113.5
 145 35.4 26.2 39.4

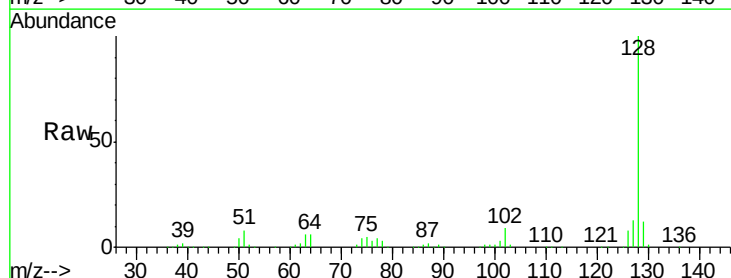


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

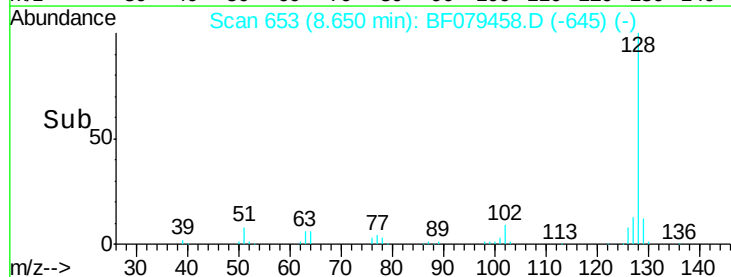
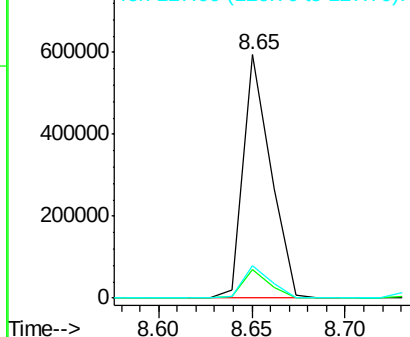


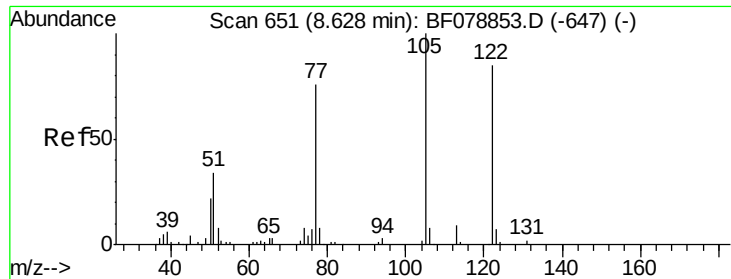
#31
 Naphthalene
 Concen: 48.92 ng
 RT: 8.65 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion:128 Resp: 611142
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.2 13.8
 127 13.1 10.3 15.5



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: 18.95 ng

RT: 8.35 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

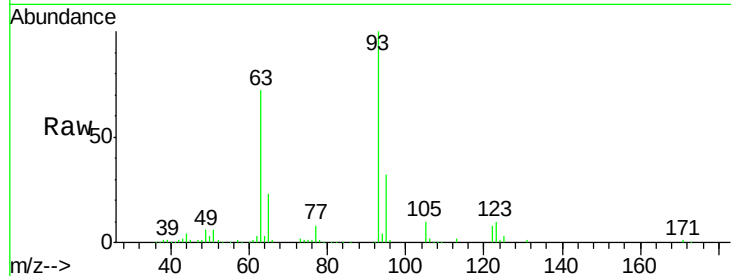
Tgt Ion:122 Resp: 34137

Ion Ratio Lower Upper

122 100

105 122.6 100.7 140.7

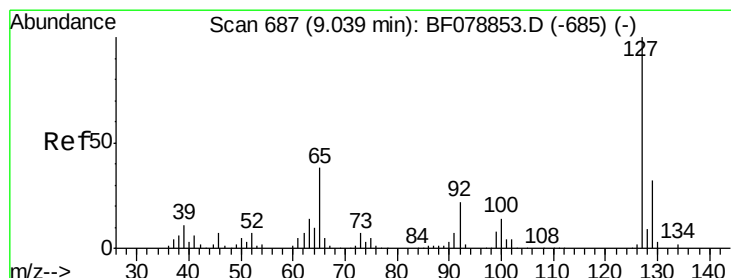
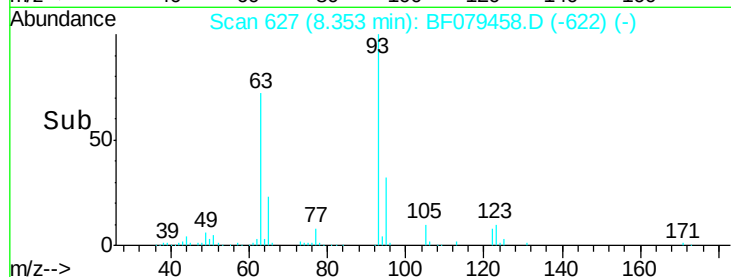
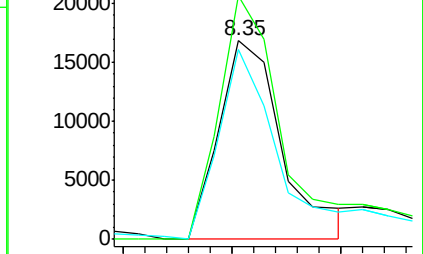
77 95.7 72.0 112.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 19.14 ng

RT: 8.74 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion:127 Resp: 101157

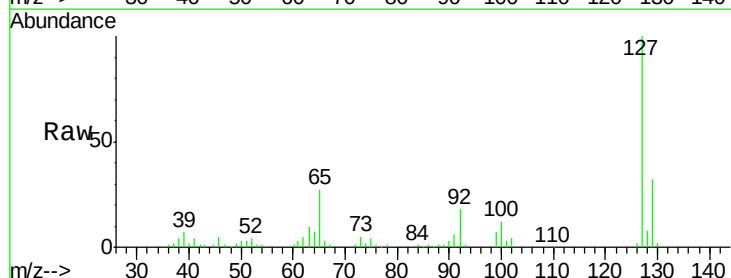
Ion Ratio Lower Upper

127 100

129 32.2 25.6 38.4

65 26.6 30.2 45.4#

92 18.5 17.5 26.3

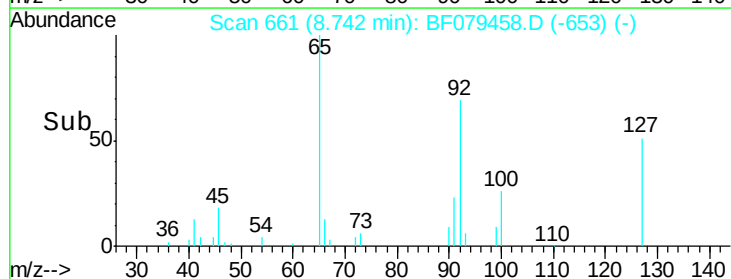
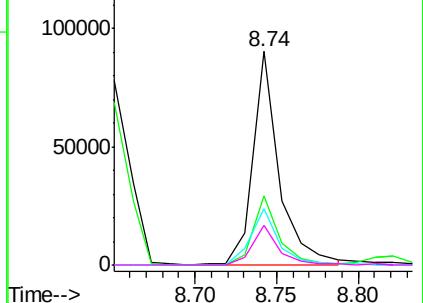


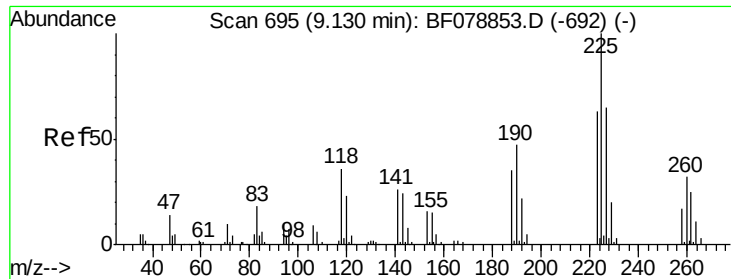
Abundance Ion 127.00 (126.70 to 127.70): E

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

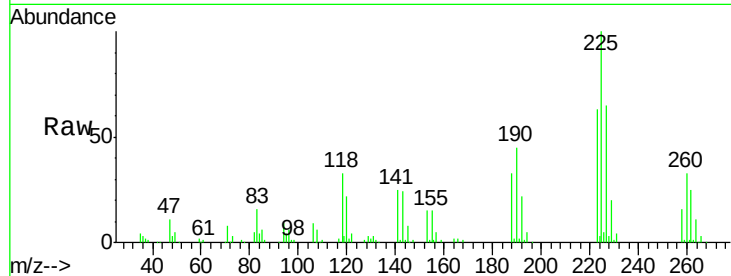




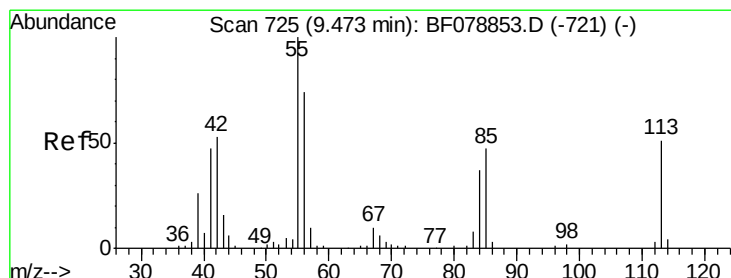
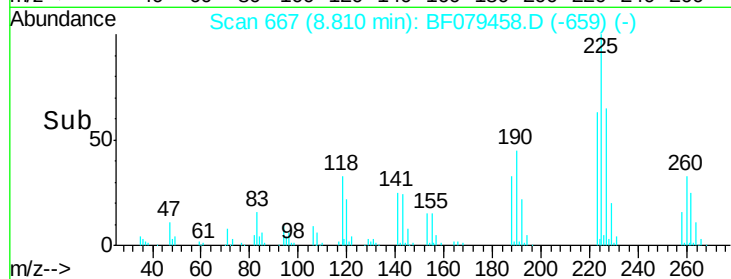
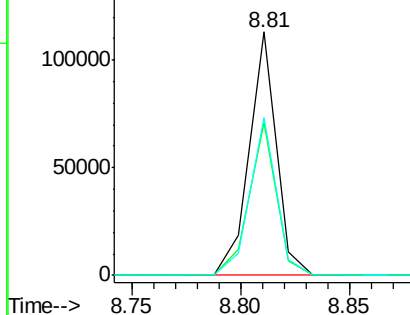
#34
Hexachlorobutadiene
Concen: 46.45 ng
RT: 8.81 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tgt Ion: 225 Resp: 97867
Ion Ratio Lower Upper
225 100
223 62.6 50.6 75.8
227 64.6 52.1 78.1

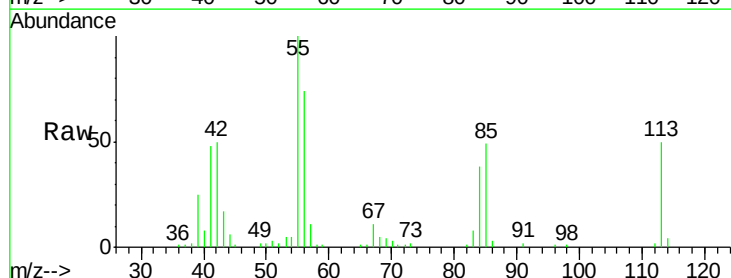


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

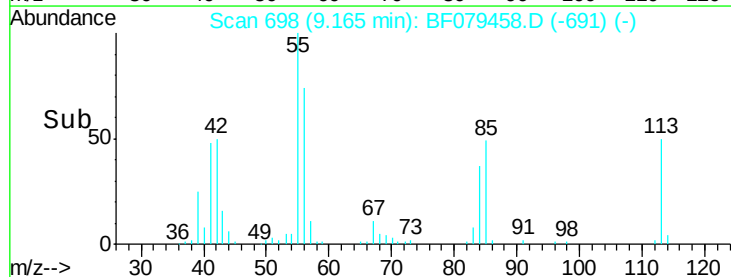
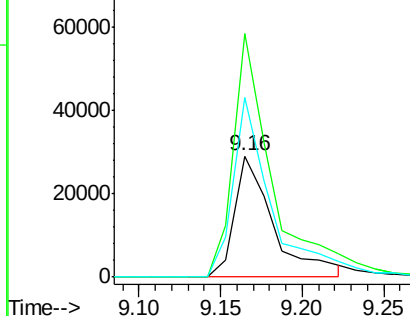


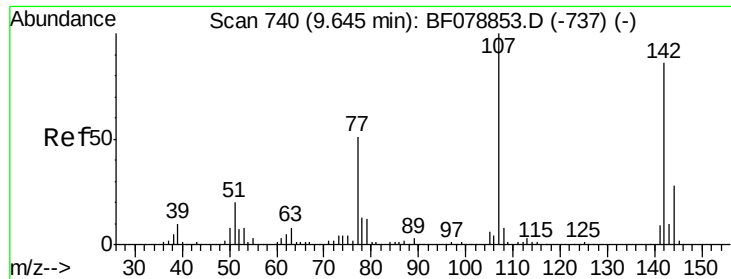
#35
Caprolactam
Concen: 44.75 ng
RT: 9.16 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion: 113 Resp: 48193
Ion Ratio Lower Upper
113 100
55 201.3 176.0 216.0
56 148.1 123.8 163.8



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

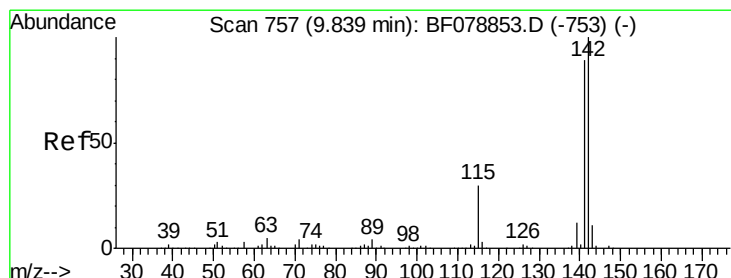
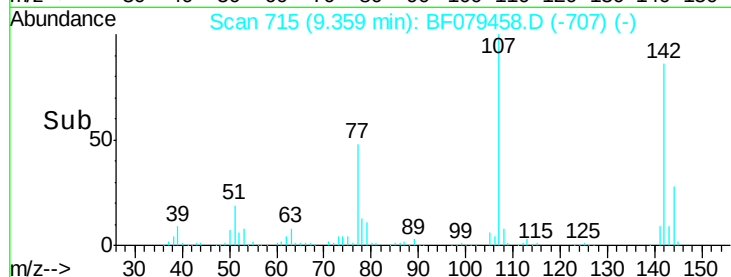
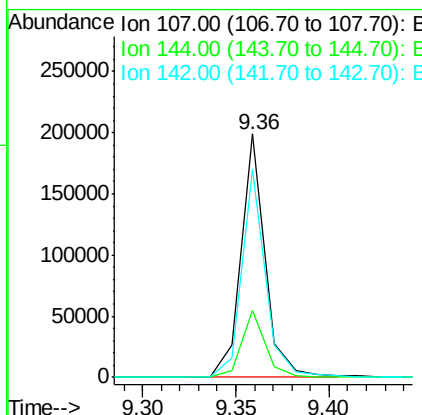
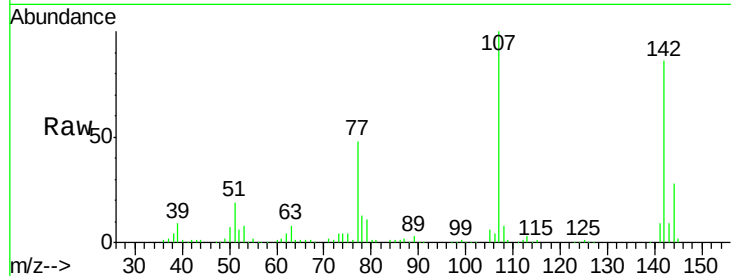




#36
 4-Chloro-3-methylphenol
 Concen: 51.79 ng
 RT: 9.36 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

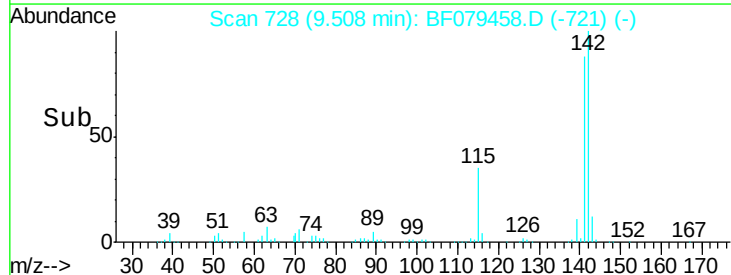
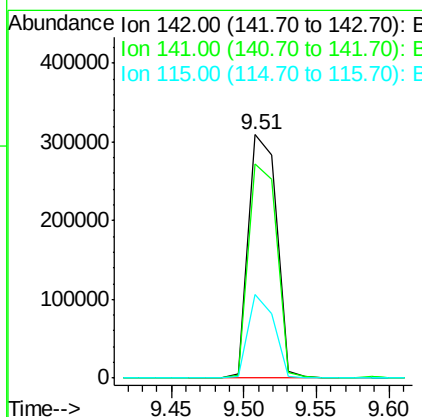
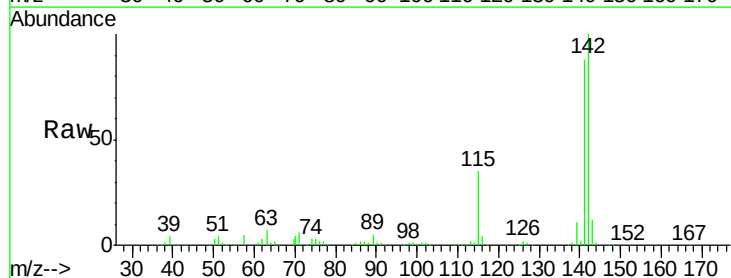
Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

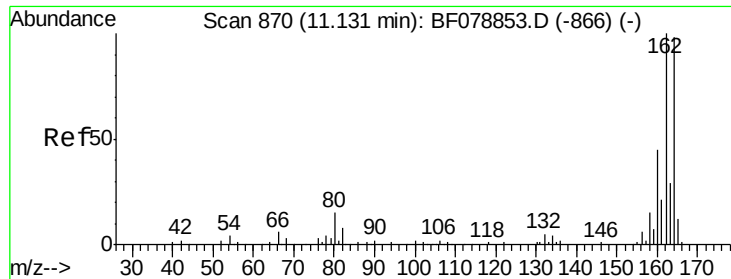
Tgt Ion:107 Resp: 181179
 Ion Ratio Lower Upper
 107 100
 144 27.7 22.5 33.7
 142 85.5 68.6 103.0



#37
 2-Methylnaphthalene
 Concen: 48.42 ng
 RT: 9.51 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion:142 Resp: 419193
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.6 107.4
 115 34.6 24.2 36.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

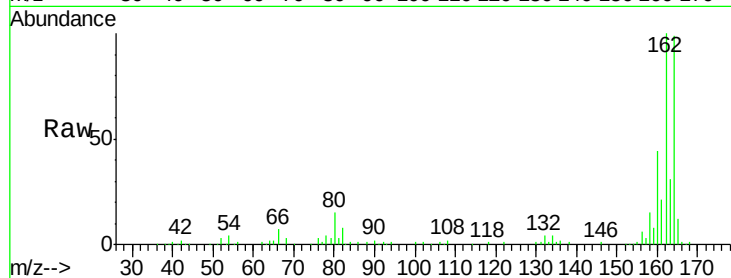
Tgt Ion:164 Resp: 124928

Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.0

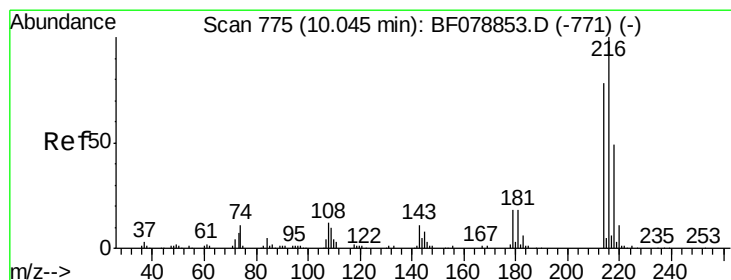
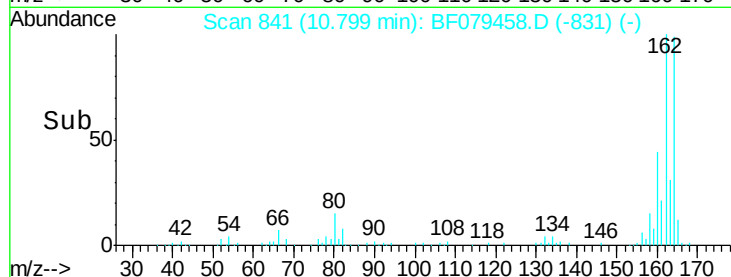
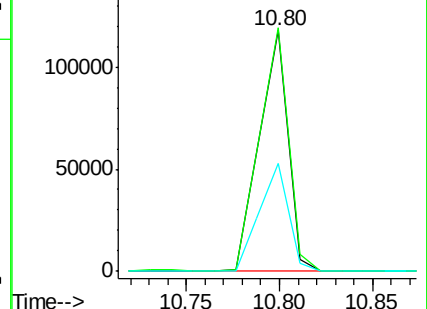
160 44.8 36.6 54.8



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: 47.29 ng

RT: 9.72 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion:216 Resp: 166391

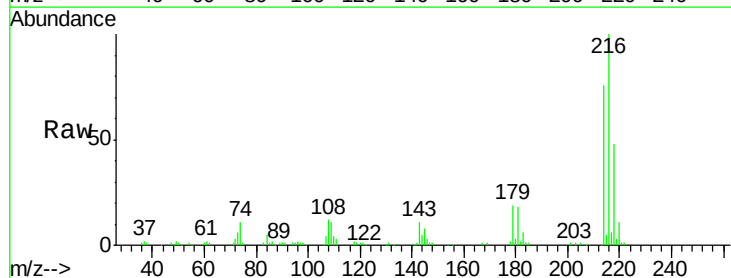
Ion Ratio Lower Upper

216 100

214 78.0 64.0 96.0

179 22.0 17.0 25.4

108 21.7 17.0 25.6

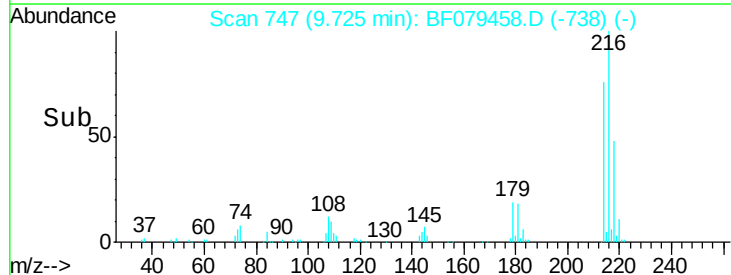
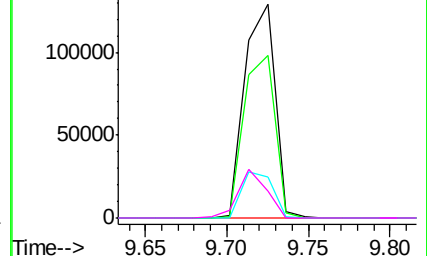


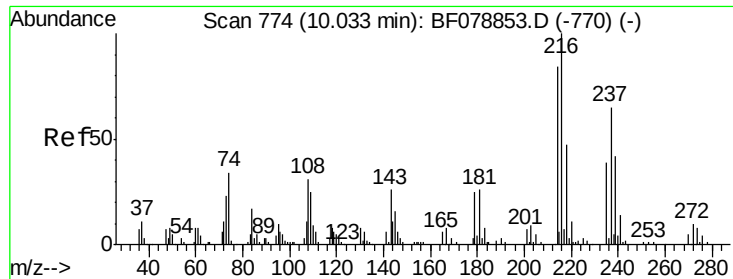
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

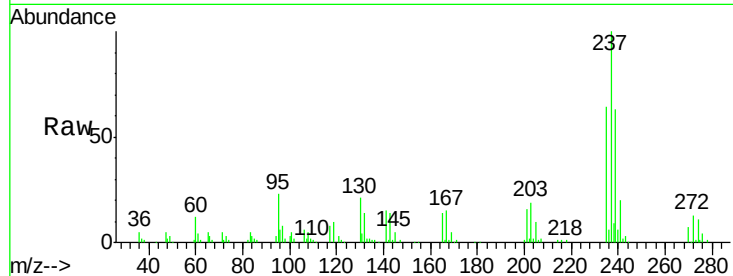




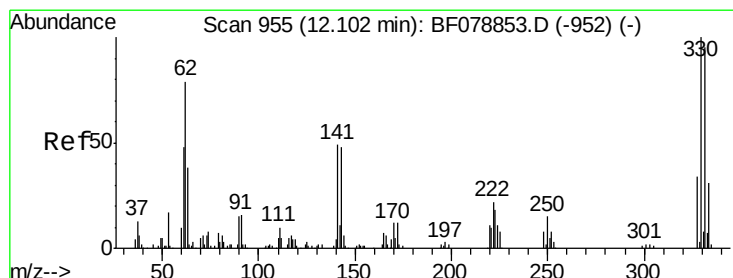
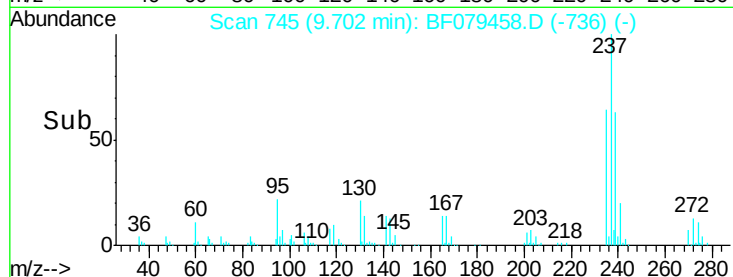
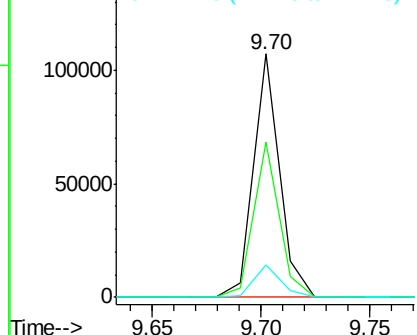
#40
Hexachlorocyclopentadiene
Concen: 50.22 ng
RT: 9.70 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tgt Ion:237 Resp: 88850
Ion Ratio Lower Upper
237 100
235 63.8 40.0 80.0
272 13.3 0.0 36.0

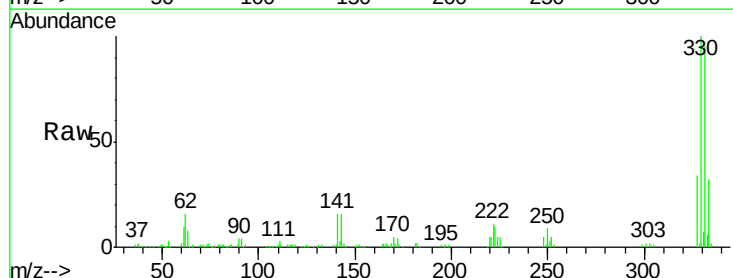


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

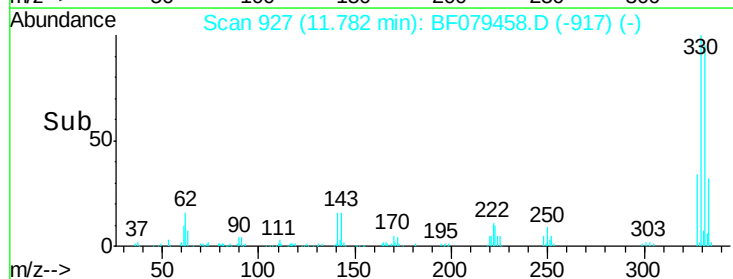
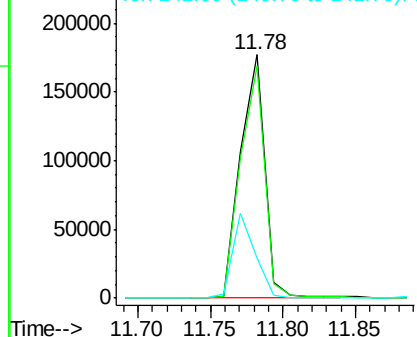


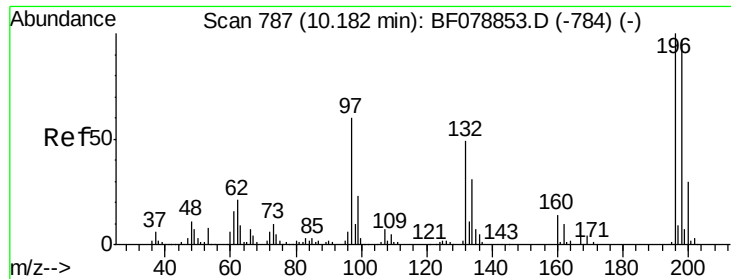
#41
2,4,6-Tribromophenol
Concen: 152.95 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion:330 Resp: 206704
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 32.5 27.8 41.8



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

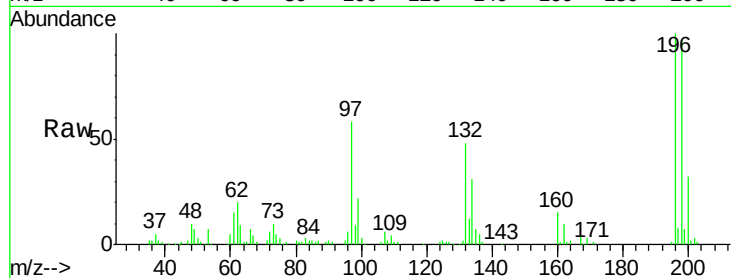




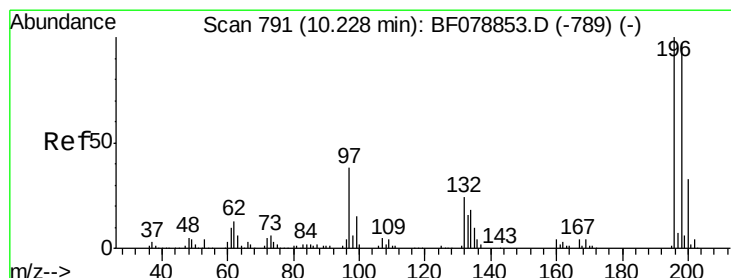
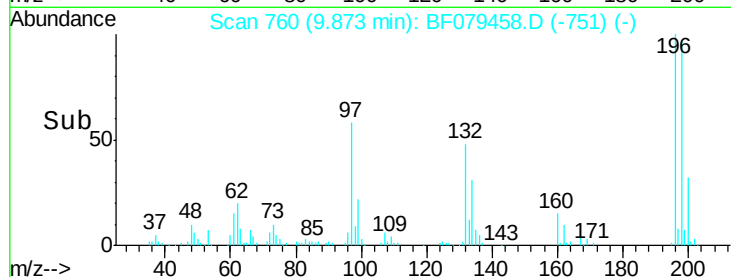
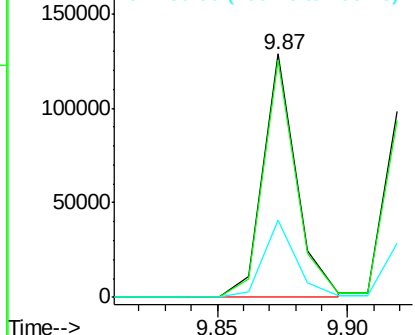
#42
 2,4,6-Trichlorophenol
 Concen: 47.32 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tgt Ion:196 Resp: 114452
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.4 116.2
 200 31.5 23.7 35.5

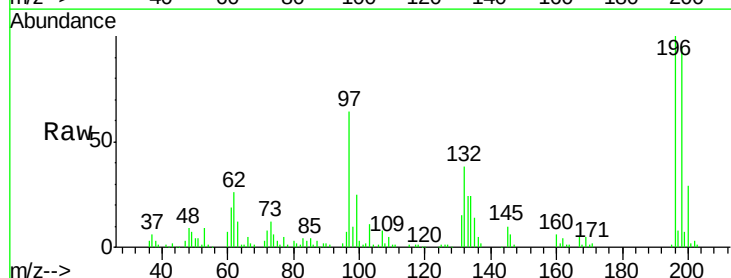


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

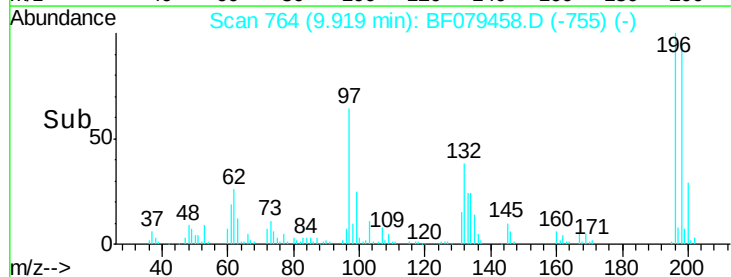
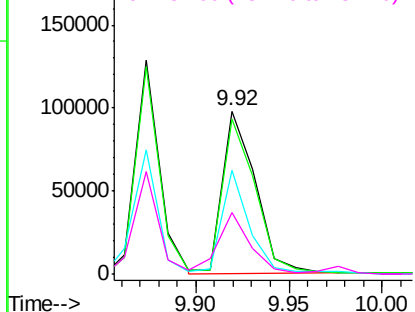


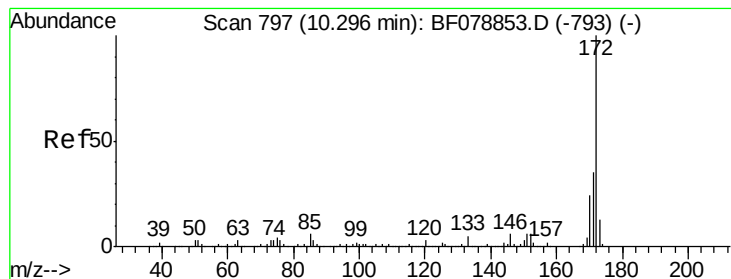
#43
 2,4,5-Trichlorophenol
 Concen: 49.16 ng
 RT: 9.92 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion:196 Resp: 120214
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.3 115.9
 97 63.8 31.3 46.9#
 132 37.6 19.7 29.5#



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





#44

2-Fluorobiphenyl

Concen: 89.44 ng

RT: 9.98 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

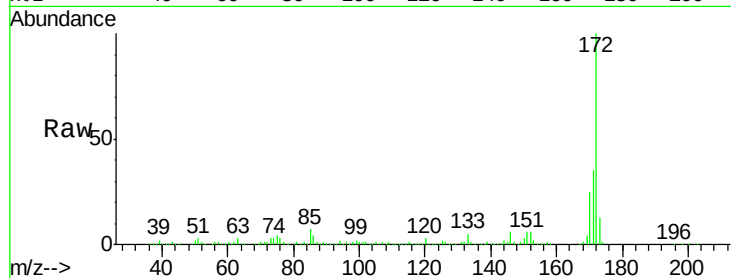
Tgt Ion:172 Resp: 801963

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

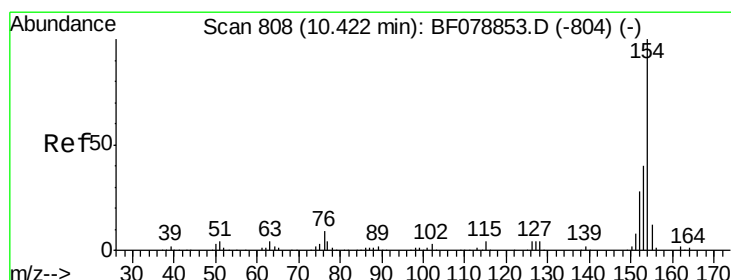
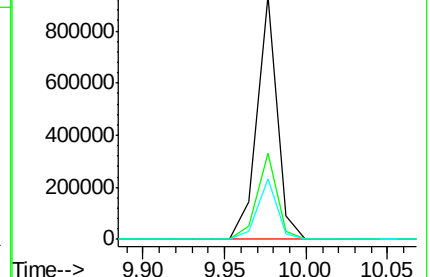
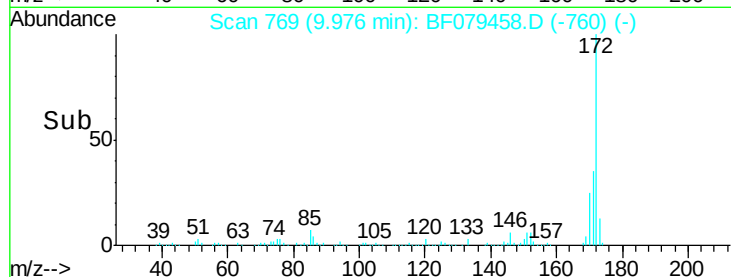
170 24.8 19.4 29.2



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: 47.86 ng

RT: 10.09 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

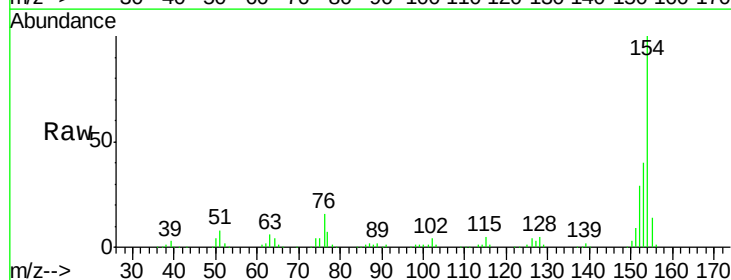
Tgt Ion:154 Resp: 475304

Ion Ratio Lower Upper

154 100

153 40.2 19.7 59.7

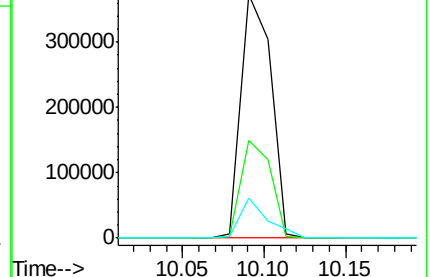
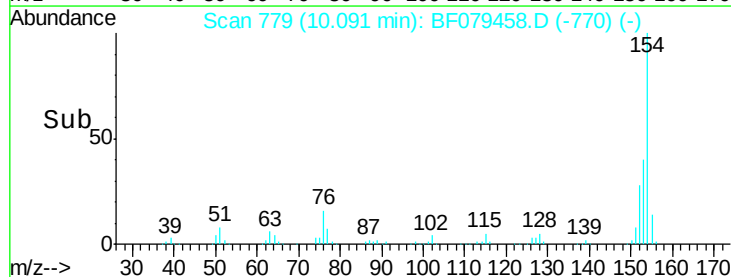
76 16.5 0.0 29.1

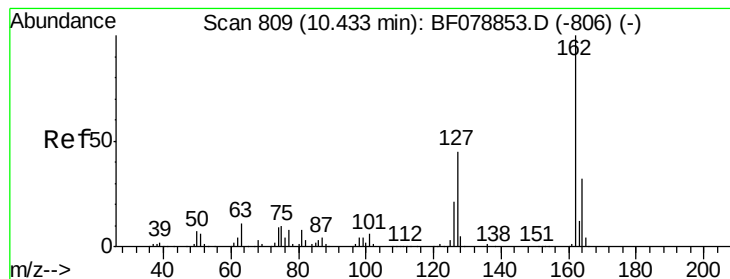


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 48.89 ng

RT: 10.11 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

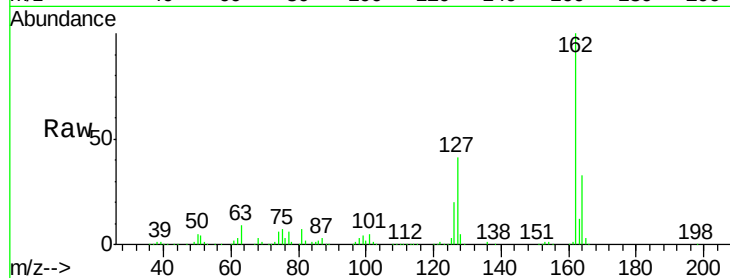
Tgt Ion: 162 Resp: 378716

Ion Ratio Lower Upper

162 100

127 41.2 36.3 54.5

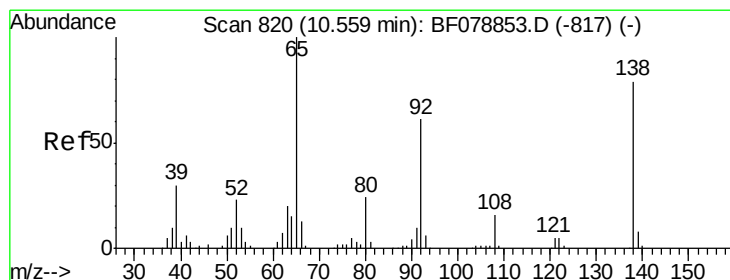
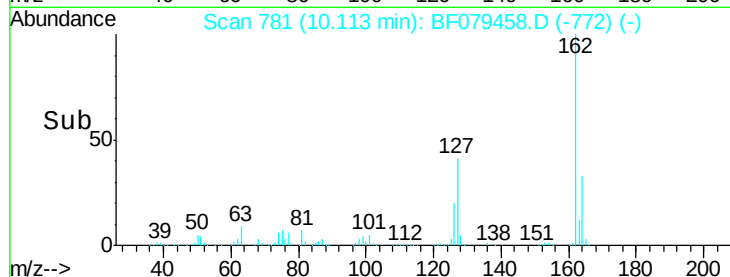
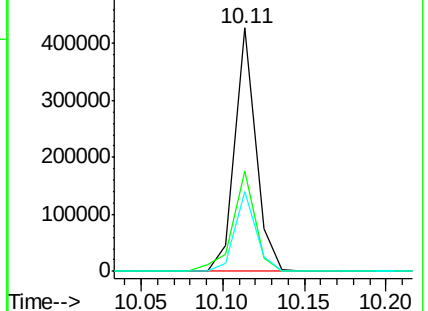
164 32.7 25.9 38.9



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: 49.23 ng

RT: 10.25 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

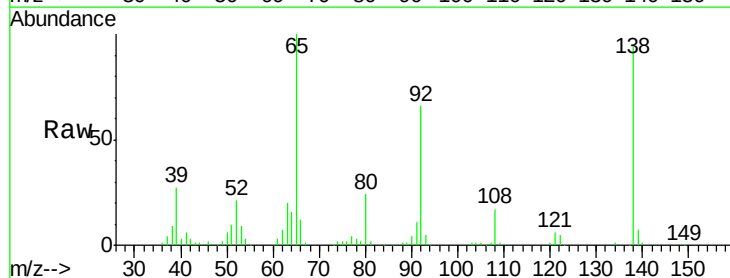
Tgt Ion: 65 Resp: 110504

Ion Ratio Lower Upper

65 100

92 66.1 49.1 73.7

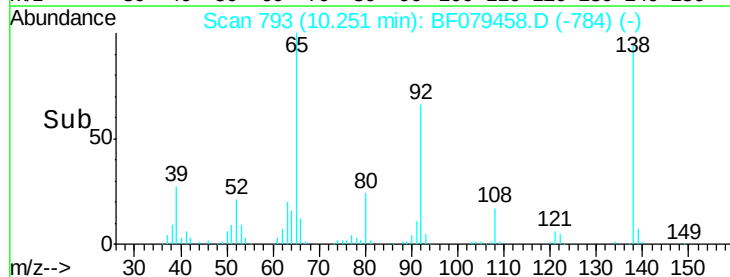
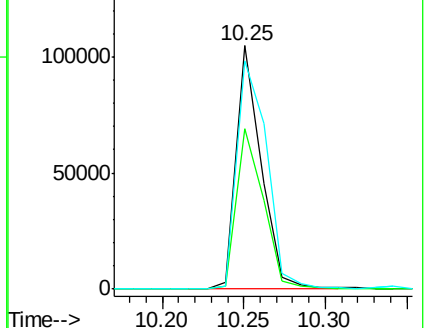
138 93.8 63.2 94.8

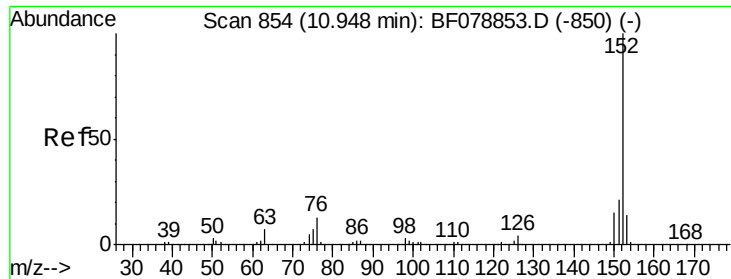


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 48.15 ng

RT: 10.62 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

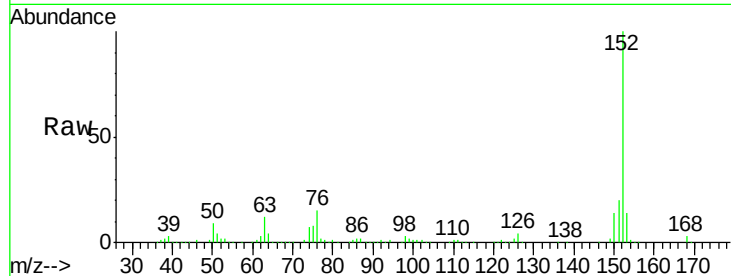
Tgt Ion:152 Resp: 612491

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

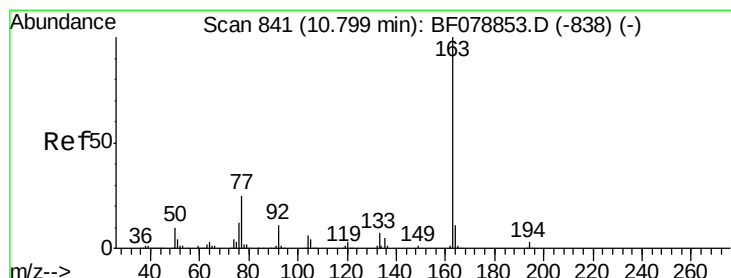
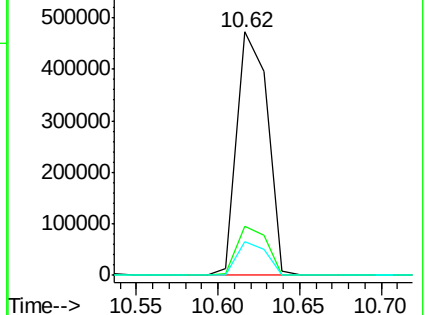
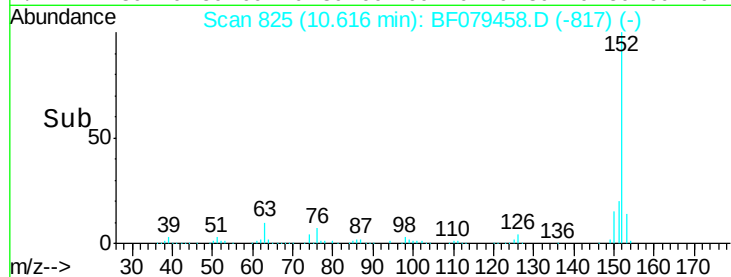
153 14.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 54.92 ng

RT: 10.49 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

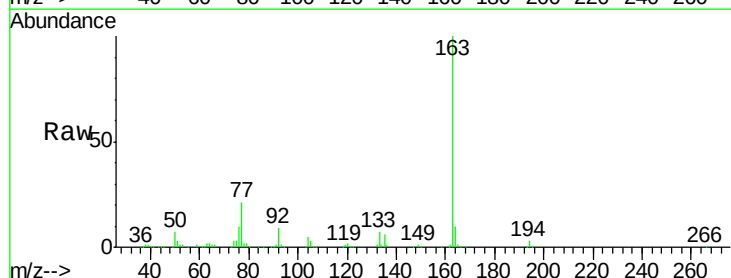
Tgt Ion:163 Resp: 503515

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

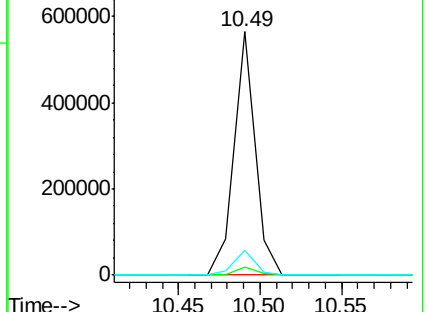
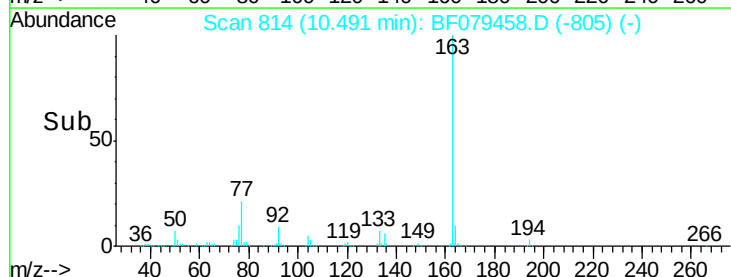
164 10.3 8.6 12.8

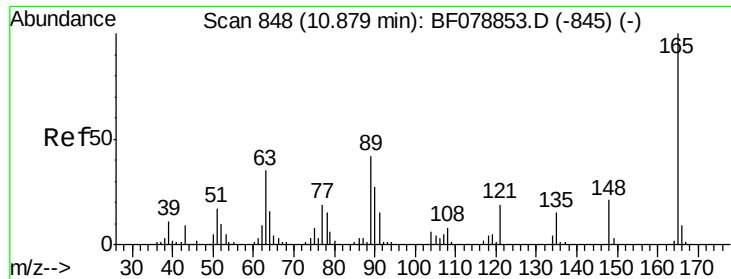


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

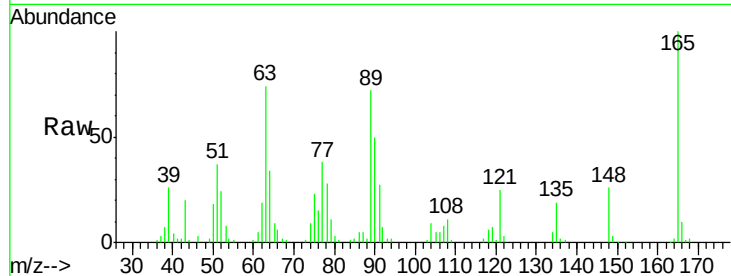




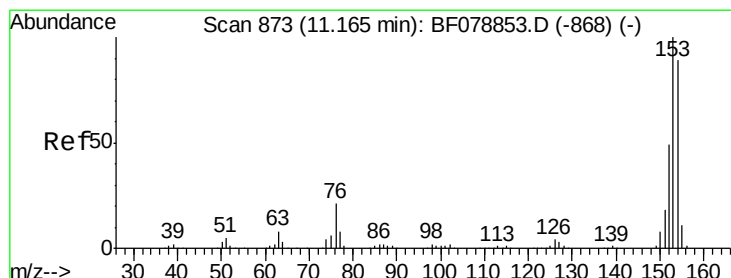
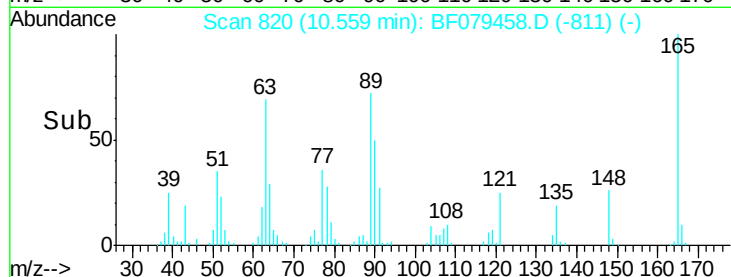
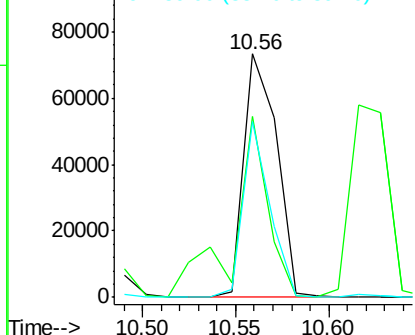
#50
 2,6-Dinitrotoluene
 Concen: 49.58 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tgt Ion:165 Resp: 89705
 Ion Ratio Lower Upper
 165 100
 63 74.1 29.2 43.8#
 89 72.4 33.3 49.9#

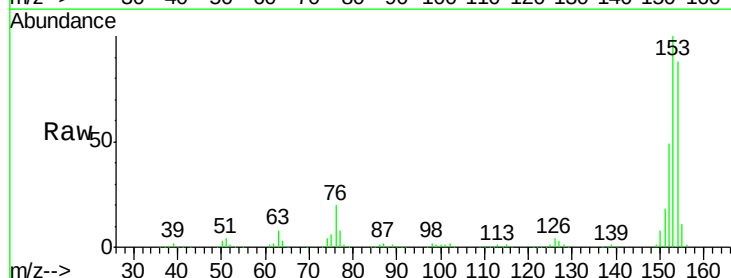


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

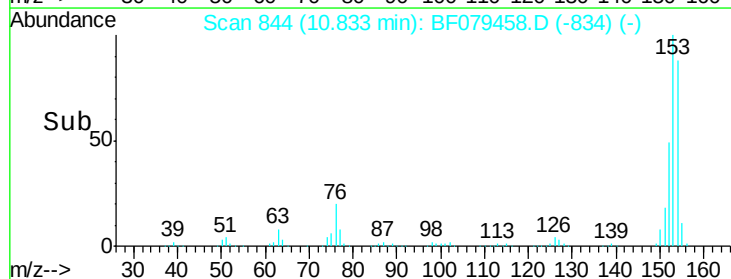
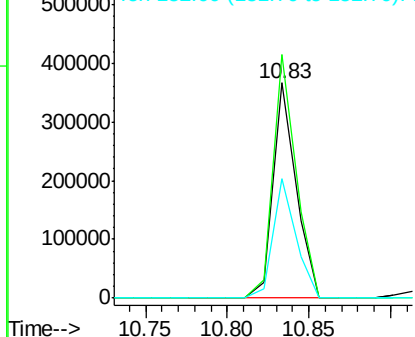


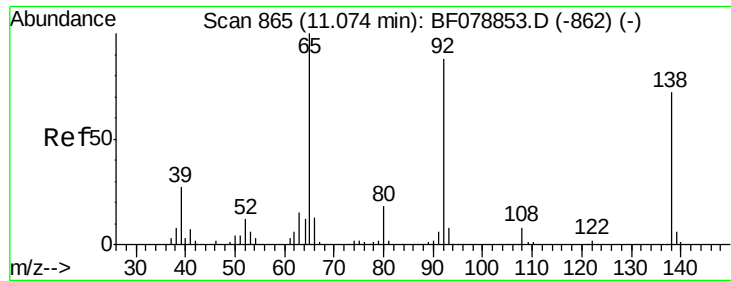
#51
 Acenaphthene
 Concen: 47.65 ng
 RT: 10.83 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion:154 Resp: 361453
 Ion Ratio Lower Upper
 154 100
 153 113.1 90.2 135.2
 152 55.4 43.8 65.8



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

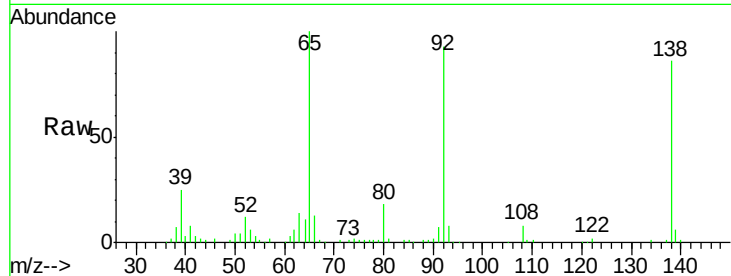




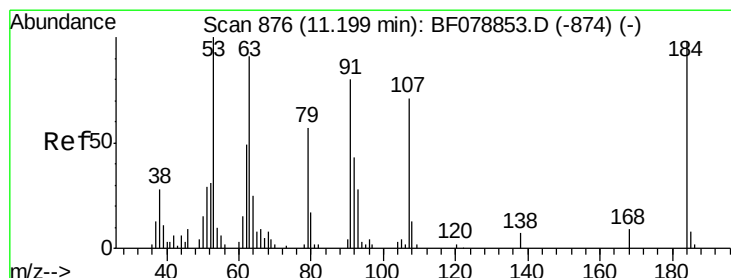
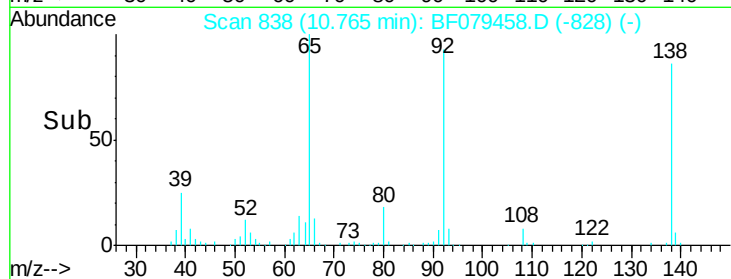
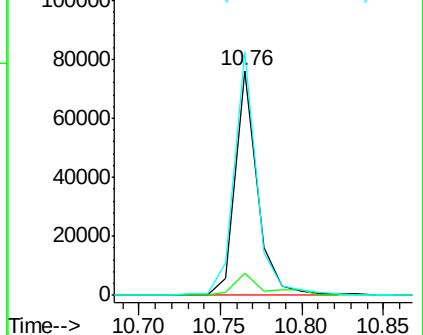
#52
 3-Nitroaniline
 Concen: 31.50 ng
 RT: 10.76 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tgt Ion:138 Resp: 71199
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.5 12.7
 92 108.4 97.4 146.0

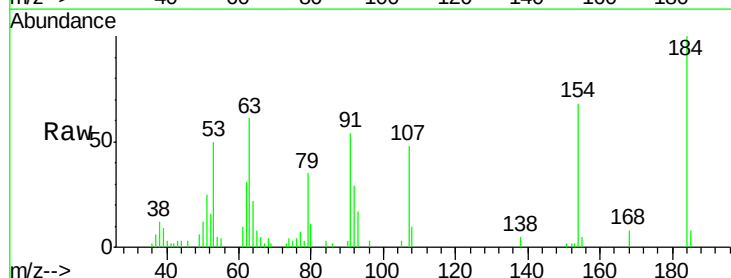


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

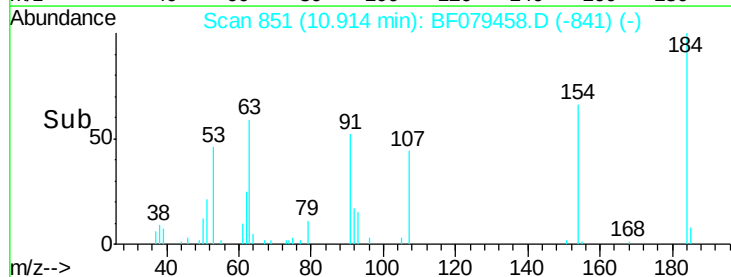
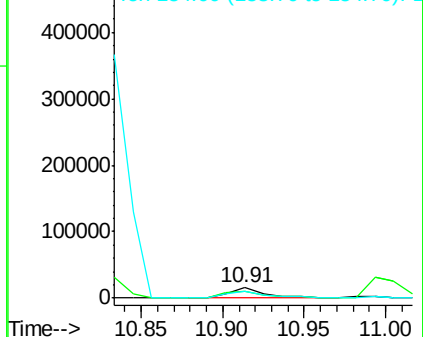


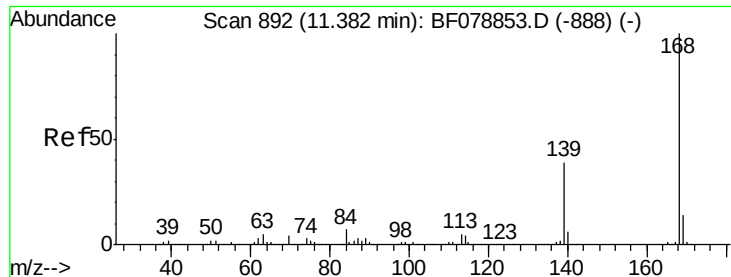
#53
 2,4-Dinitrophenol
 Concen: 45.90 ng
 RT: 10.91 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion:184 Resp: 24773
 Ion Ratio Lower Upper
 184 100
 63 61.5 98.8 148.2#
 154 68.0 63.4 95.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

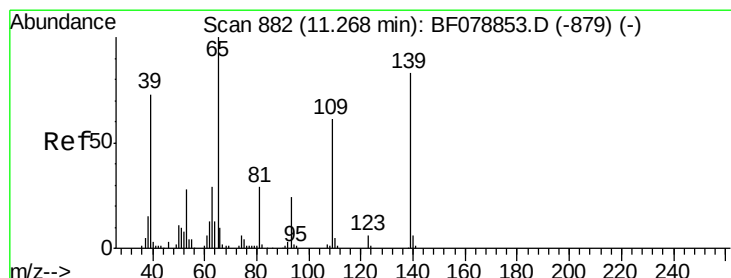
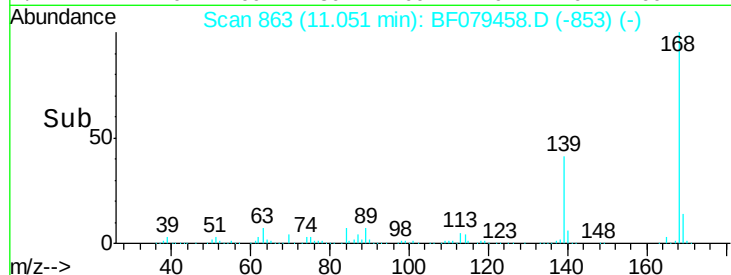
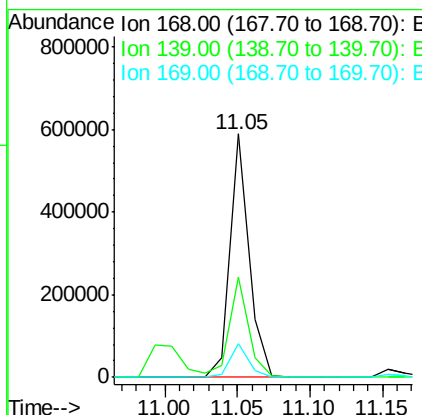
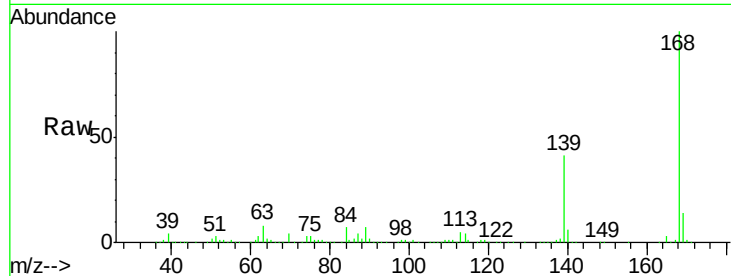




#54
Dibenzenofuran
Concen: 49.06 ng
RT: 11.05 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

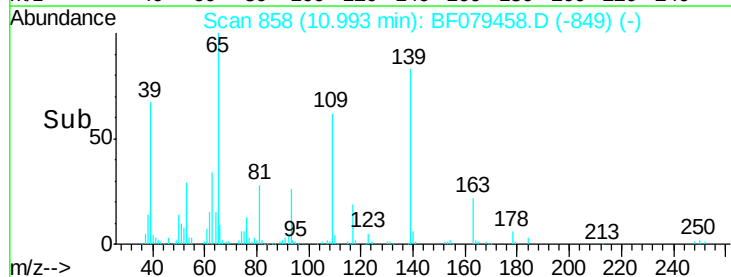
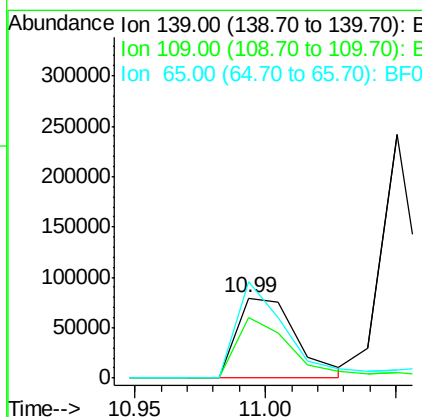
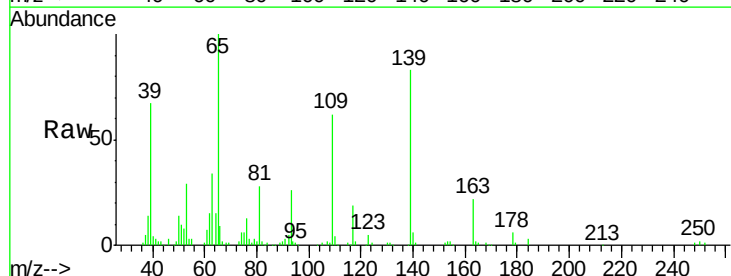
Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

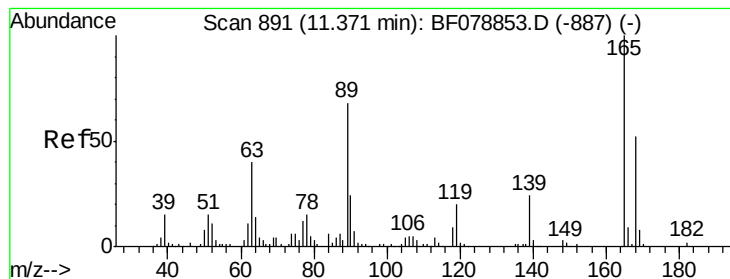
Tgt Ion:168 Resp: 537482
Ion Ratio Lower Upper
168 100
139 41.0 31.5 47.3
169 13.8 11.0 16.4



#55
4-Nitrophenol
Concen: 71.13 ng
RT: 10.99 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion:139 Resp: 127250
Ion Ratio Lower Upper
139 100
109 75.4 54.4 94.4
65 120.7 101.0 141.0





#56

2,4-Dinitrotoluene

Concen: 53.22 ng

RT: 11.06 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

Tgt Ion:165 Resp: 127305

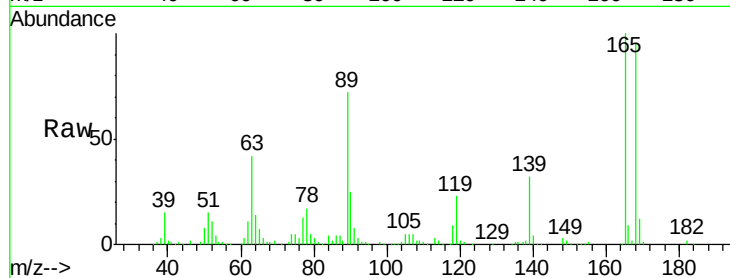
Ion Ratio Lower Upper

165 100

63 42.0 32.3 48.5

89 72.3 54.6 81.8

182 2.1 1.8 2.6

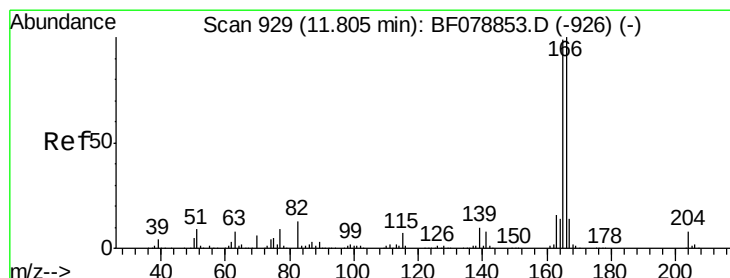
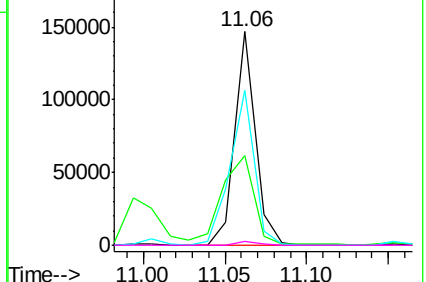
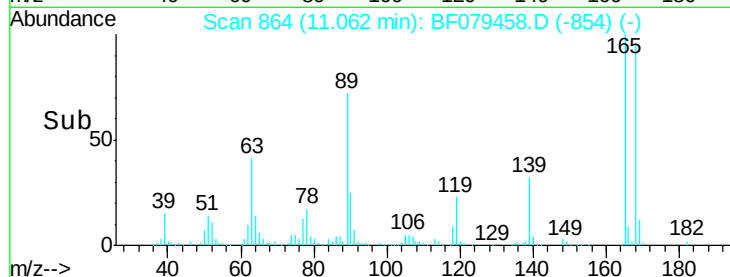


Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.39 ng

RT: 11.47 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

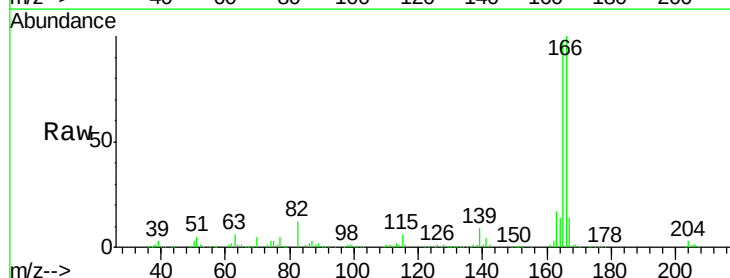
Tgt Ion:166 Resp: 435133

Ion Ratio Lower Upper

166 100

165 98.3 79.5 119.3

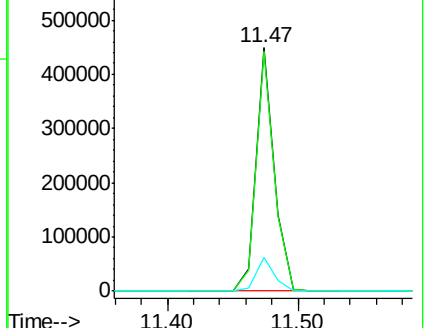
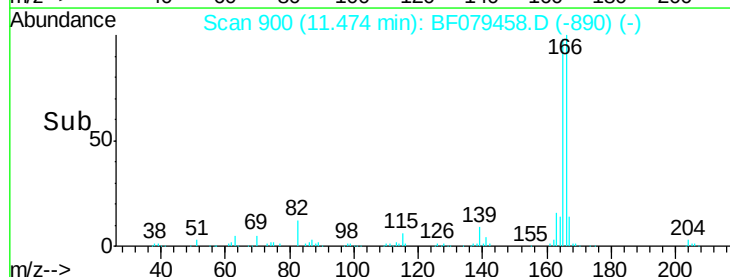
167 13.7 11.0 16.6

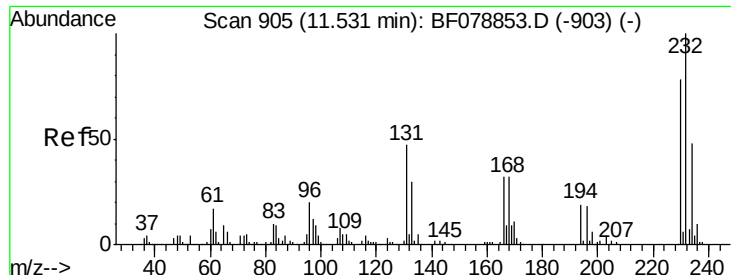


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

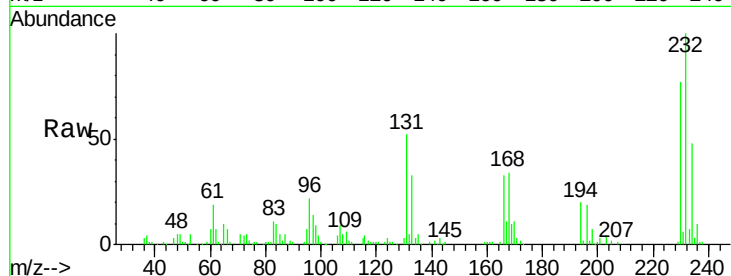




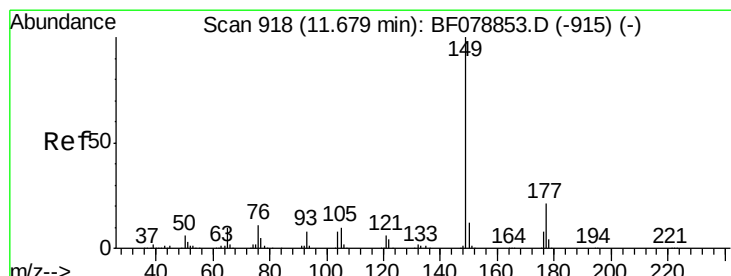
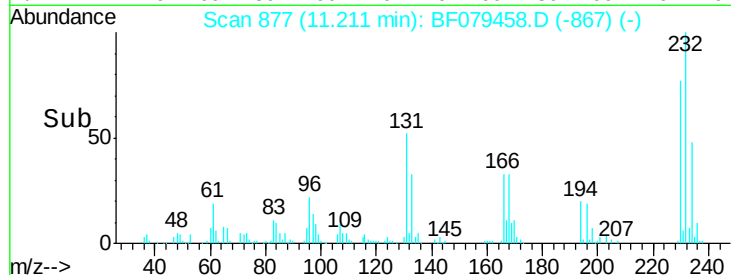
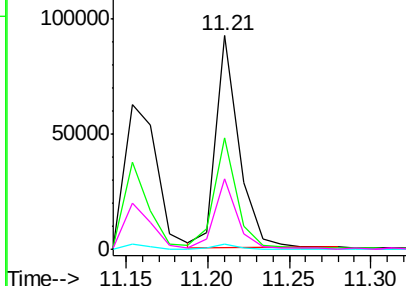
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.56 ng
 RT: 11.21 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tgt Ion:	232	Resp:	91041
Ion	Ratio	Lower	Upper
232	100		
131	51.8	41.9	62.9
130	2.7	1.9	2.9
166	33.8	27.0	40.6

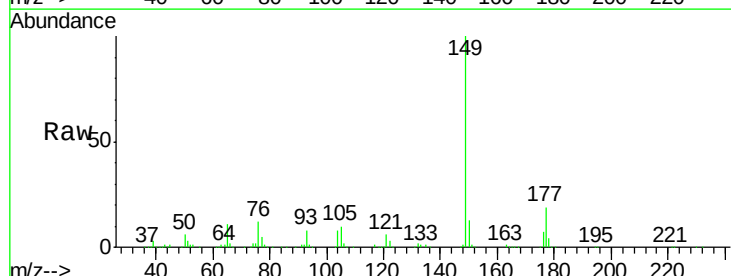


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

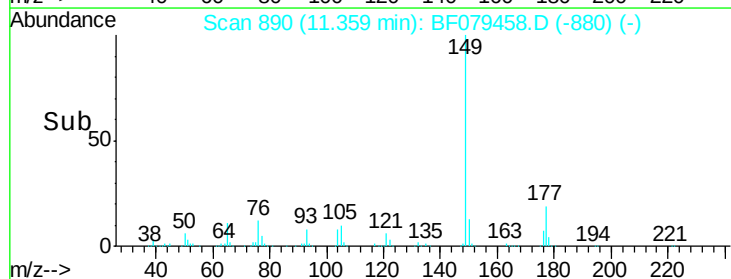
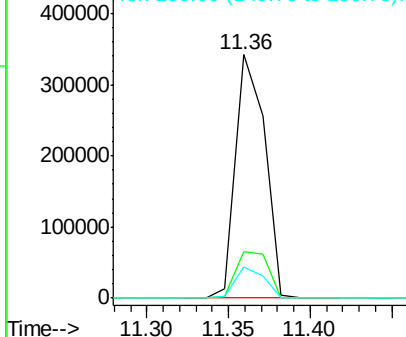


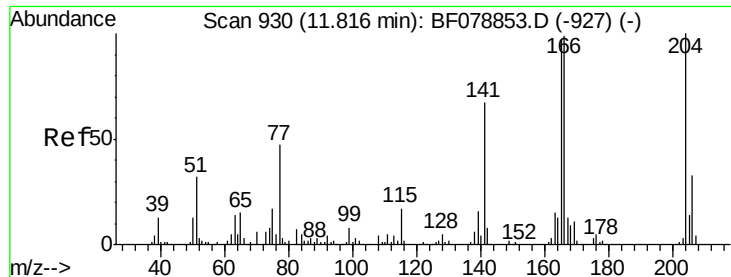
#59
 Diethylphthalate
 Concen: 46.51 ng
 RT: 11.36 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion:	149	Resp:	422445
Ion	Ratio	Lower	Upper
149	100		
177	19.0	16.4	24.6
150	12.8	9.8	14.6



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

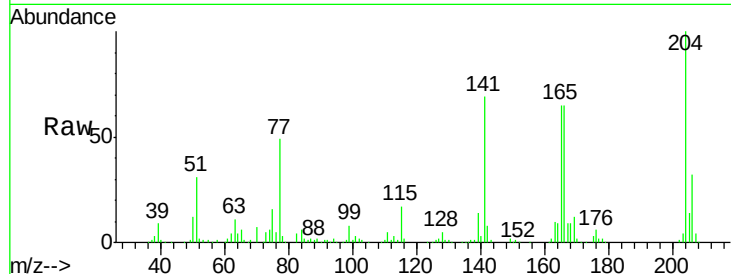




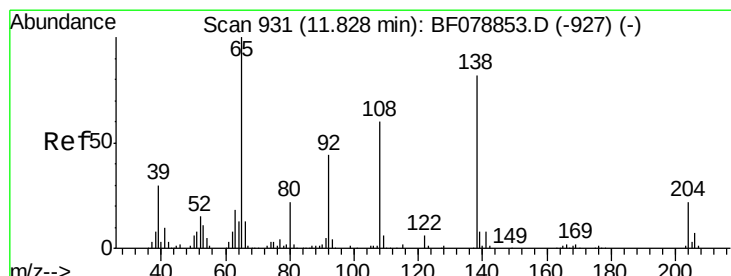
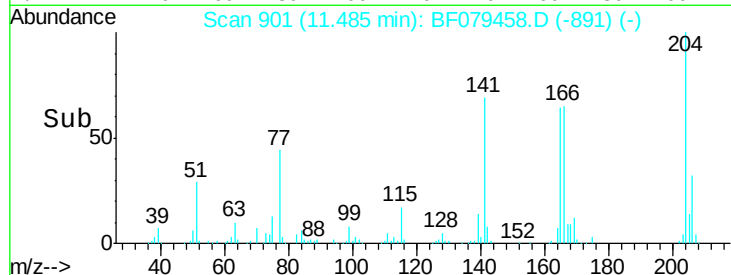
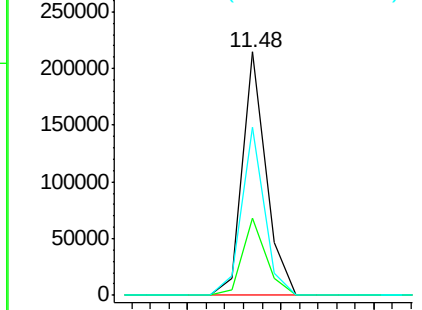
#60
 4-Chlorophenyl-phenylether
 Concen: 47.68 ng
 RT: 11.48 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tgt Ion: 204 Resp: 190220
 Ion Ratio Lower Upper
 204 100
 206 31.5 26.2 39.4
 141 69.1 53.6 80.4

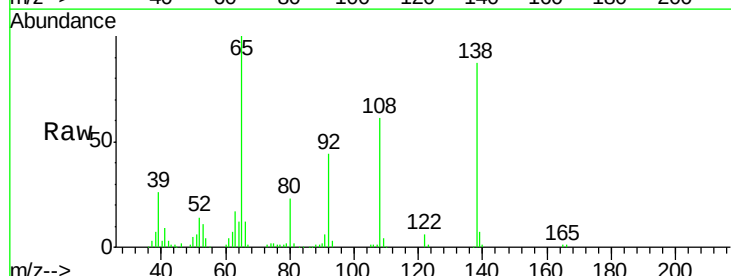


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

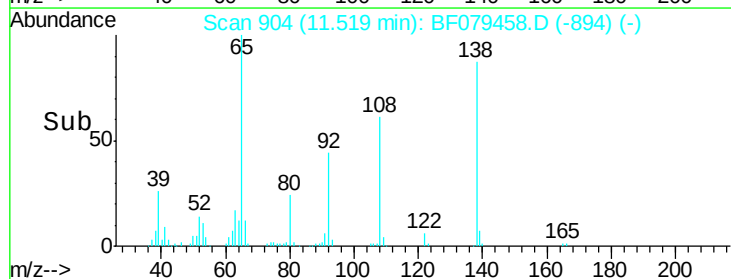
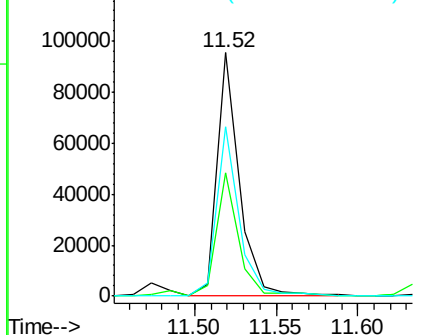


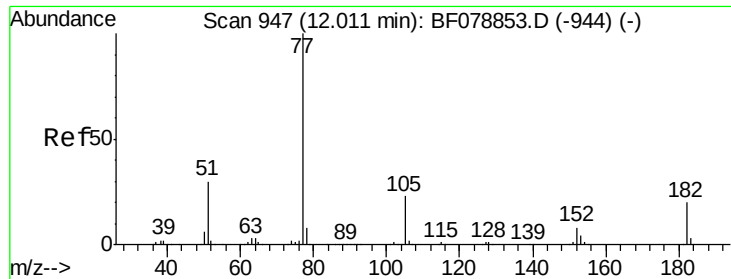
#61
 4-Nitroaniline
 Concen: 40.57 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion: 138 Resp: 91740
 Ion Ratio Lower Upper
 138 100
 92 50.9 33.7 73.7
 108 69.5 53.4 93.4



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: 46.66 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

Tgt Ion: 77 Resp: 417613

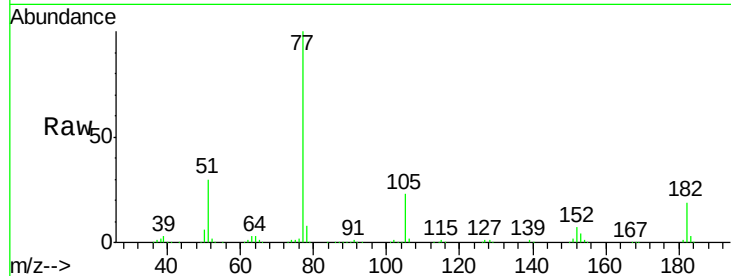
Ion Ratio Lower Upper

77 100

182 19.3 0.0 40.0

105 22.6 2.9 42.9

51 30.3 10.0 50.0

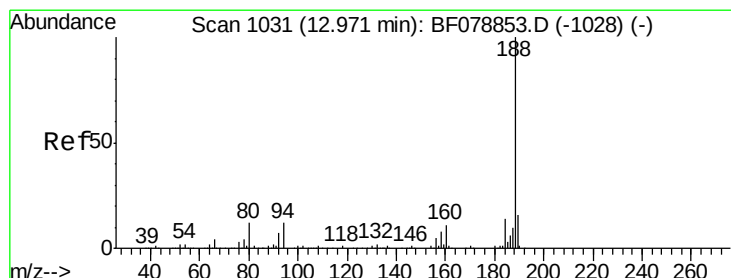
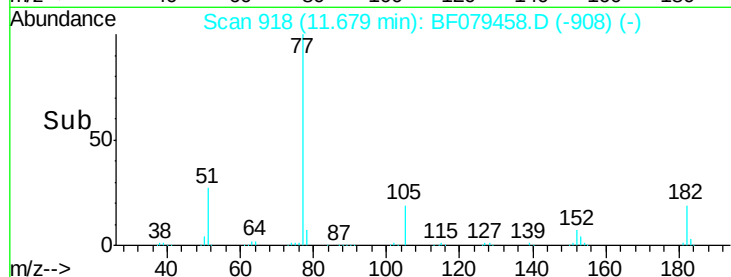
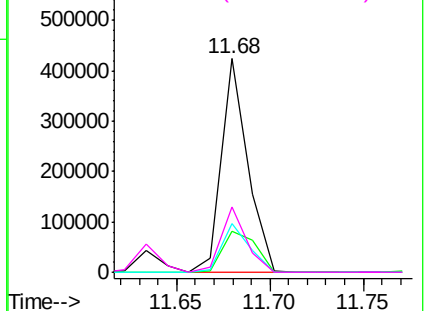


Abundance Ion 77.00 (76.70 to 77.70): BF0

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# 1001

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

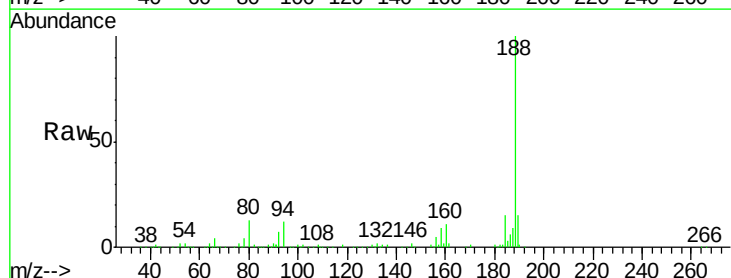
Tgt Ion: 188 Resp: 232910

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.0

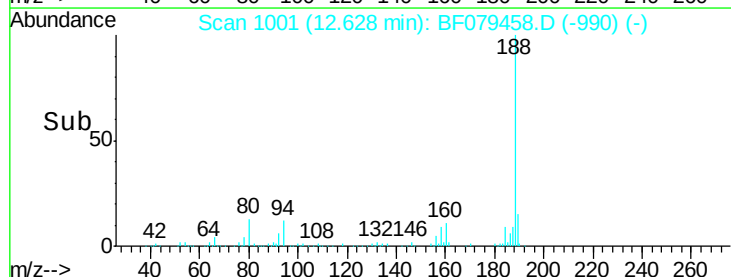
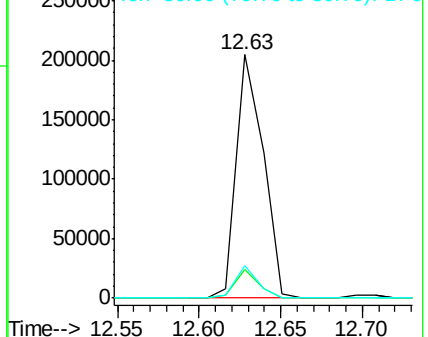
80 13.1 9.8 14.6

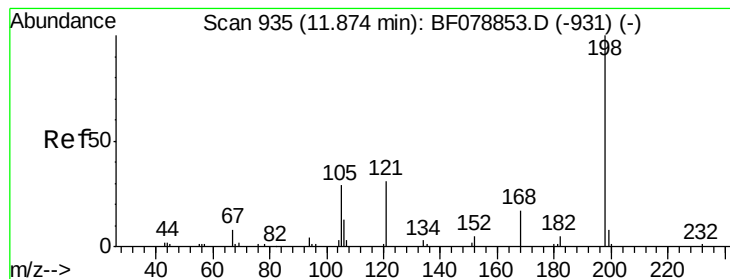


Abundance Ion 188.00 (187.70 to 188.70): E

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: 40.57 ng

RT: 11.56 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

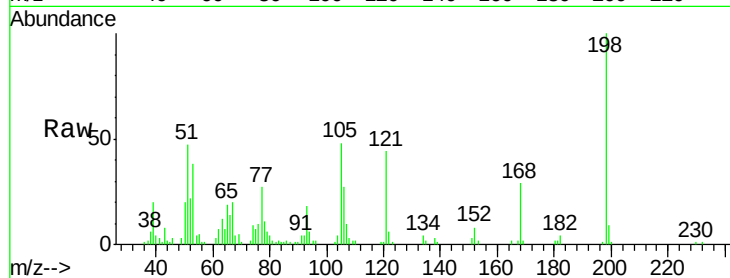
Tgt Ion:198 Resp: 36896

Ion Ratio Lower Upper

198 100

51 46.6 7.0 47.0

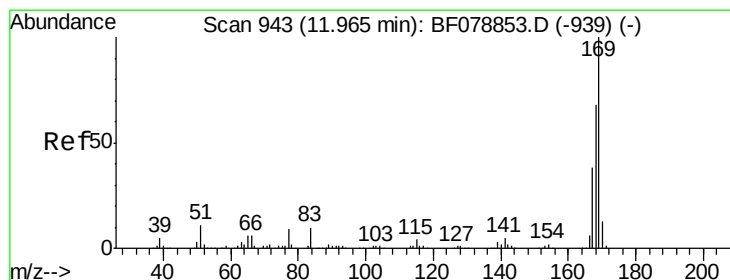
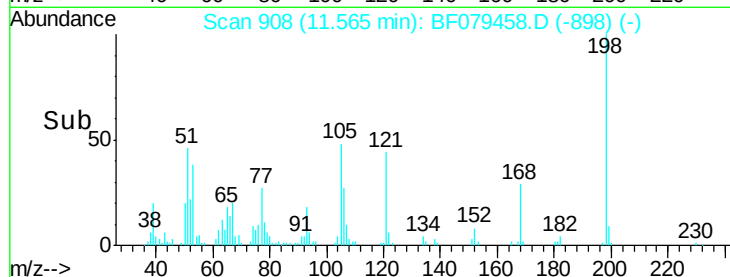
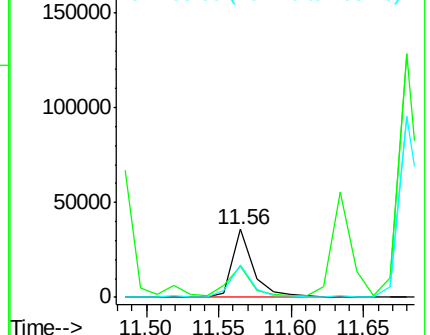
105 48.0 13.7 53.7



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: 47.10 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

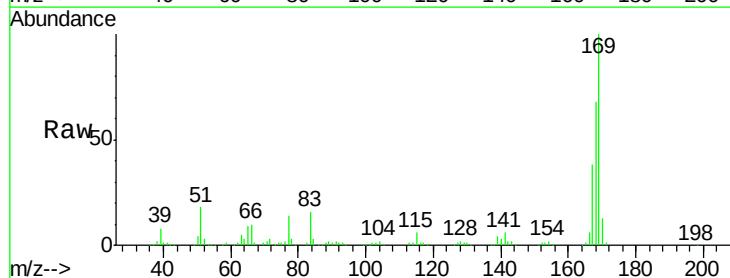
Tgt Ion:169 Resp: 365360

Ion Ratio Lower Upper

169 100

168 68.3 54.1 81.1

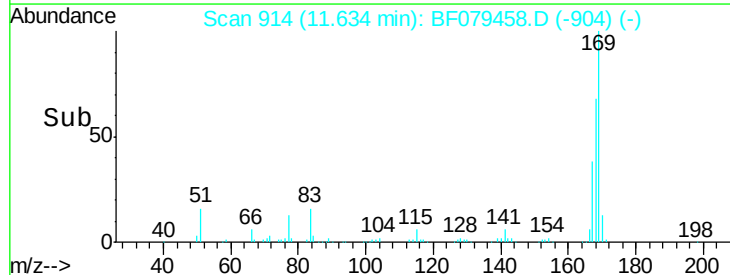
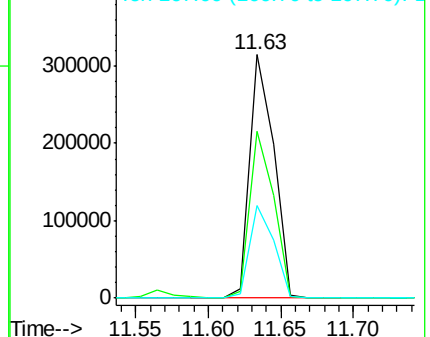
167 37.9 30.1 45.1

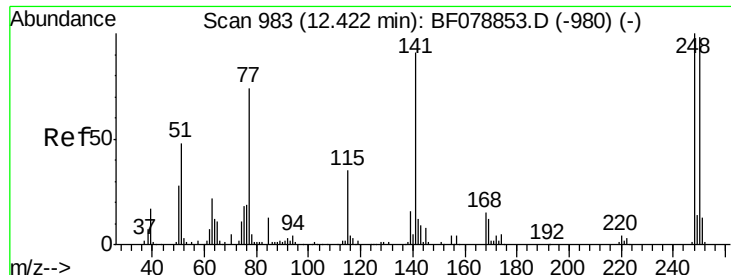


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

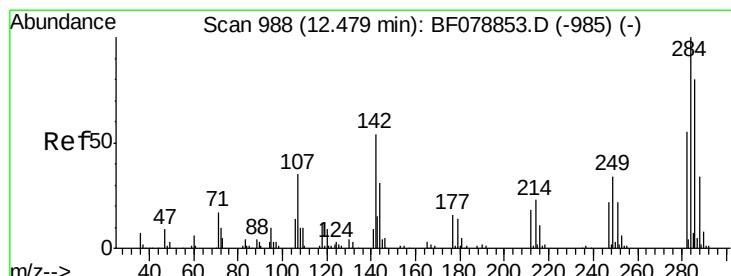
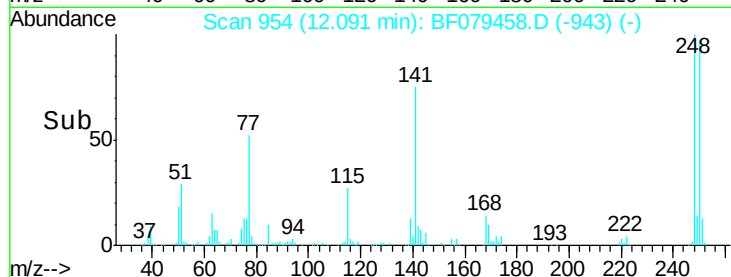
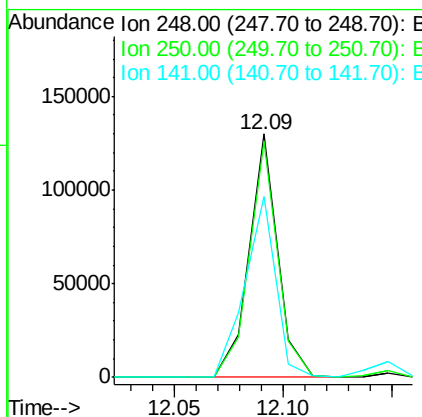
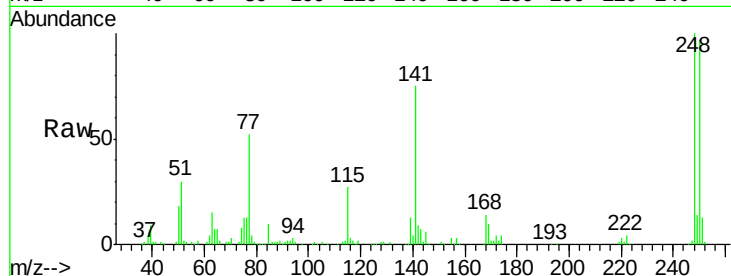




#66
 4-Bromophenyl-phenylether
 Concen: 49.05 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

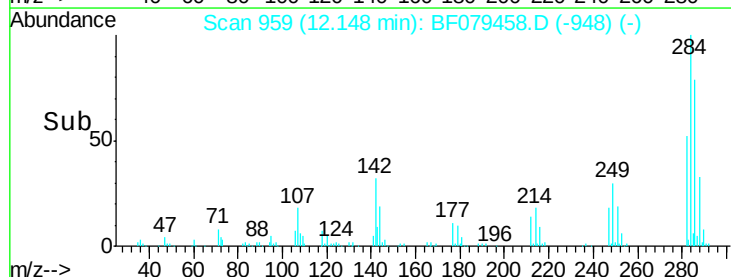
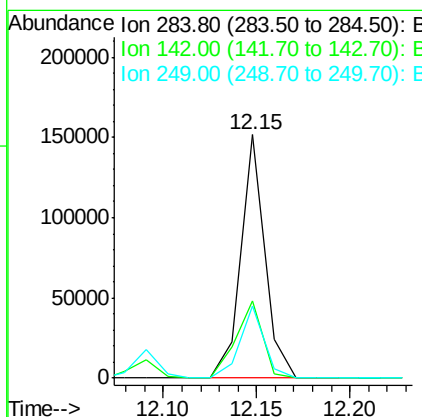
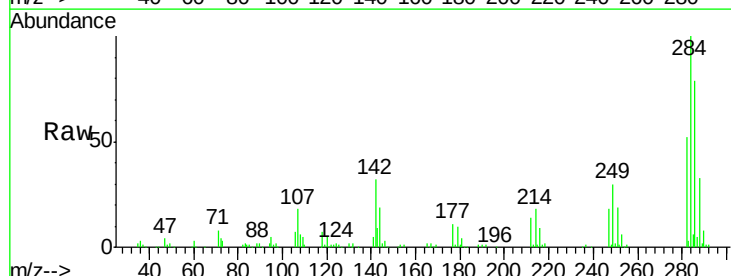
Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

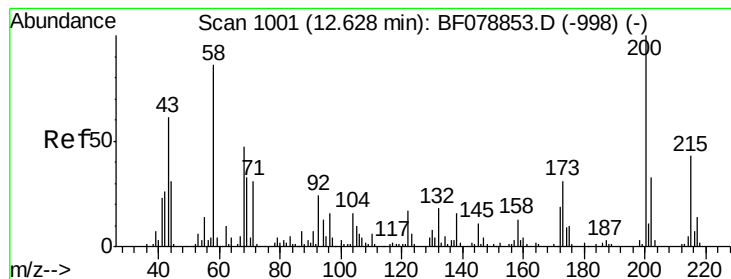
Tgt Ion:248 Resp: 119083
 Ion Ratio Lower Upper
 248 100
 250 97.0 78.0 117.0
 141 74.6 72.6 109.0



#67
 Hexachlorobenzene
 Concen: 49.22 ng
 RT: 12.15 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion:284 Resp: 136568
 Ion Ratio Lower Upper
 284 100
 142 31.9 43.2 64.8#
 249 29.7 27.5 41.3





#68

Atrazine

Concen: 51.88 ng

RT: 12.32 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

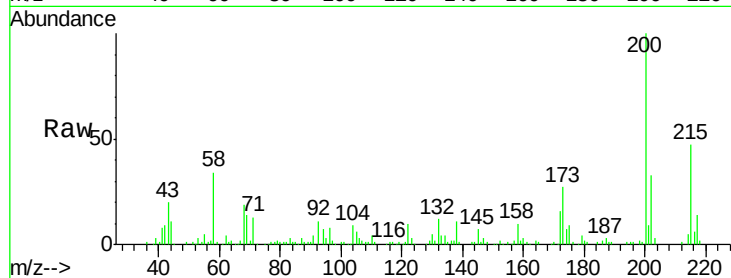
Tgt Ion:200 Resp: 117018

Ion Ratio Lower Upper

200 100

173 26.7 10.9 50.9

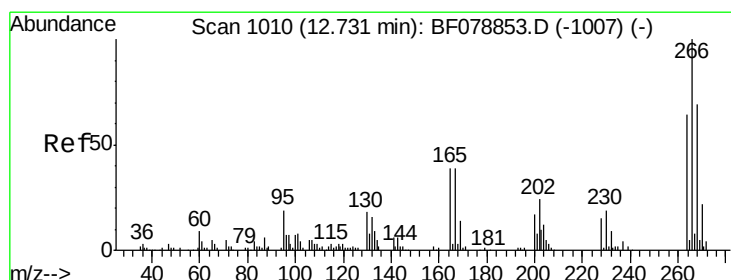
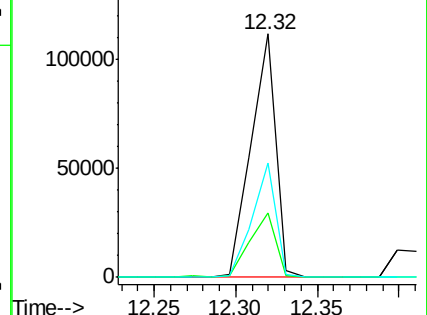
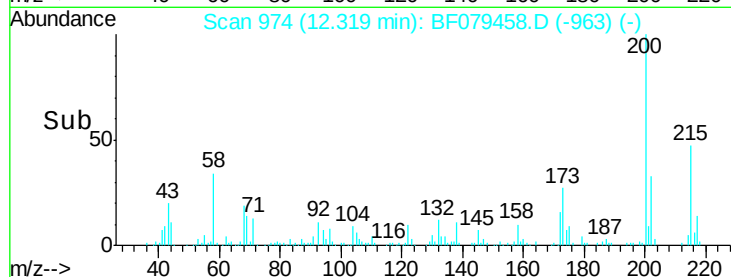
215 46.9 23.2 63.2



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: 68.32 ng

RT: 12.41 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

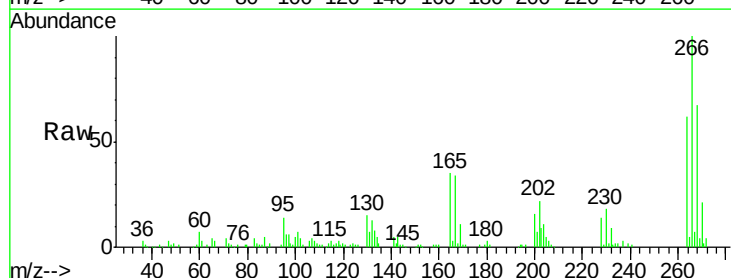
Tgt Ion:266 Resp: 109134

Ion Ratio Lower Upper

266 100

268 67.0 55.0 82.6

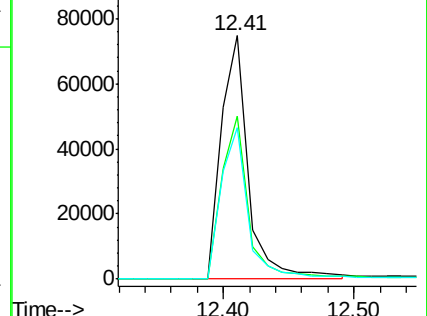
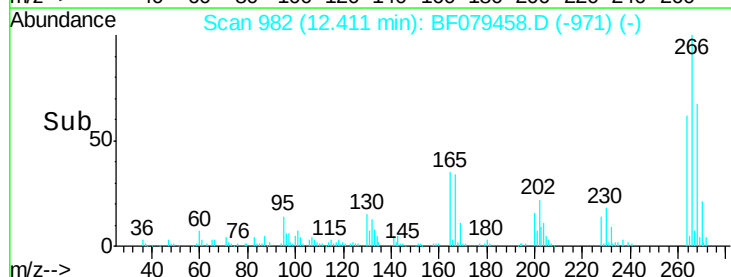
264 62.0 50.9 76.3

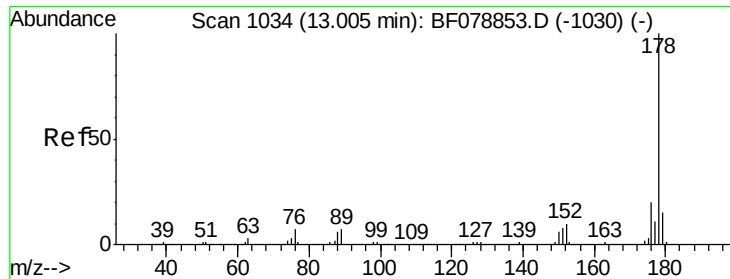


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

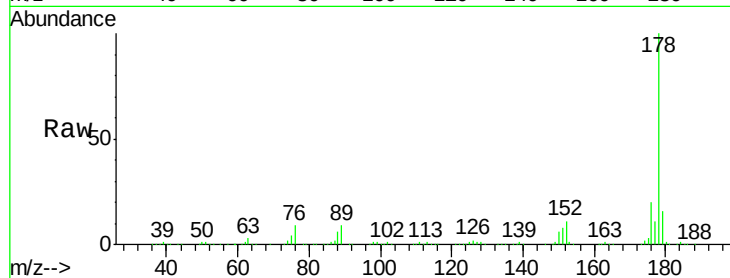




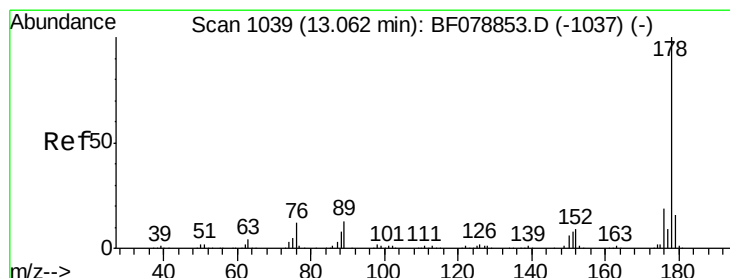
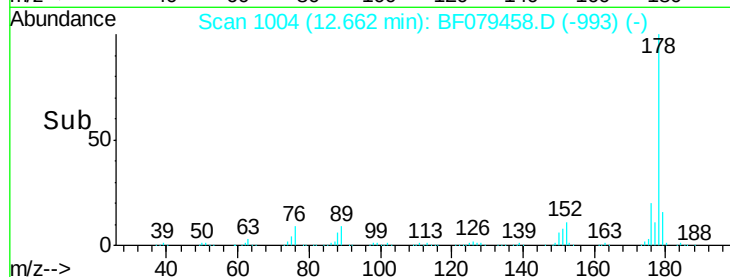
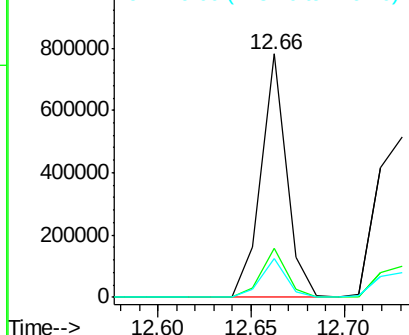
#70
Phenanthrene
Concen: 56.73 ng
RT: 12.66 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tgt Ion:178 Resp: 739152
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.1 12.2 18.4

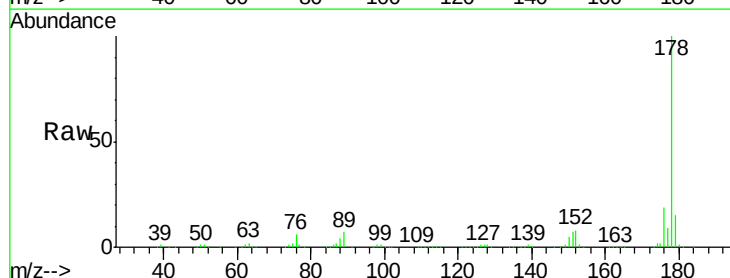


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

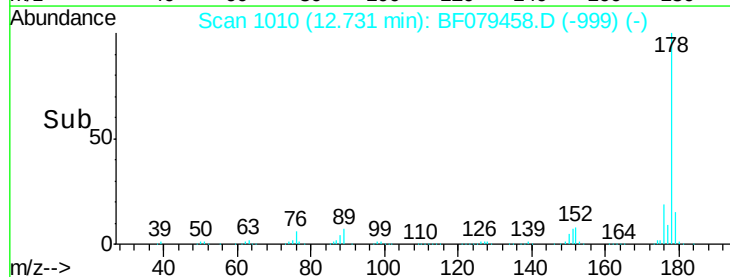
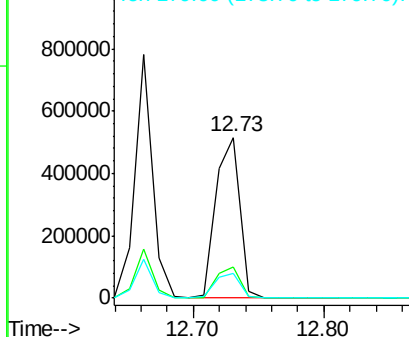


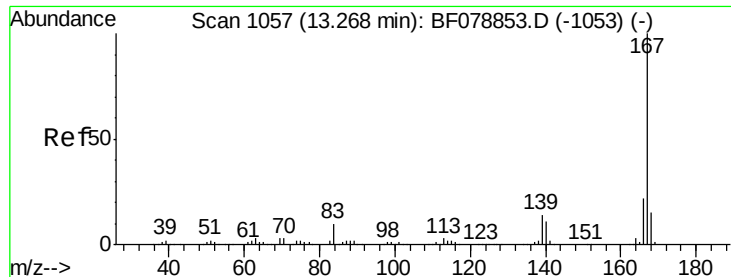
#71
Anthracene
Concen: 52.14 ng
RT: 12.73 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion:178 Resp: 666519
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.0 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: 50.62 ng

RT: 12.94 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

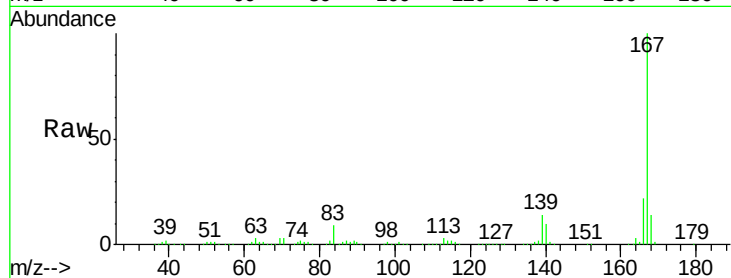
Tgt Ion:167 Resp: 616711

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

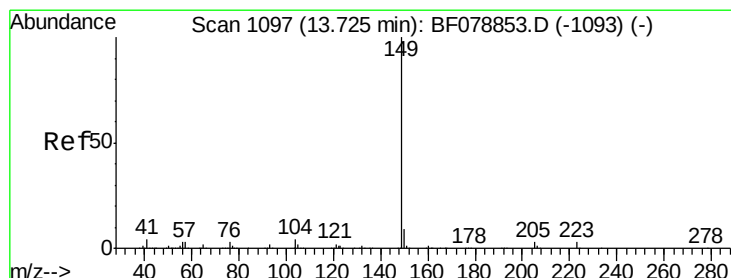
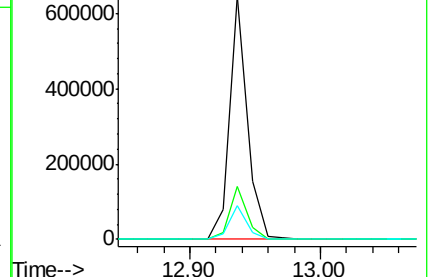
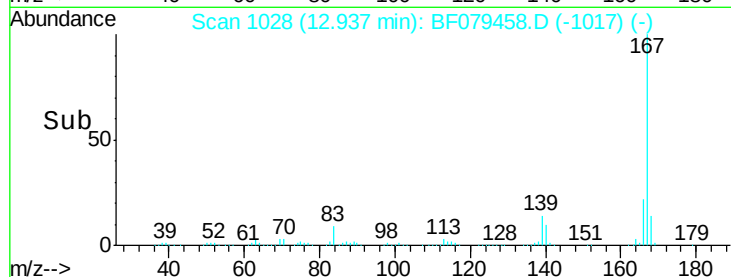
139 14.0 11.0 16.4



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: 49.60 ng

RT: 13.39 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

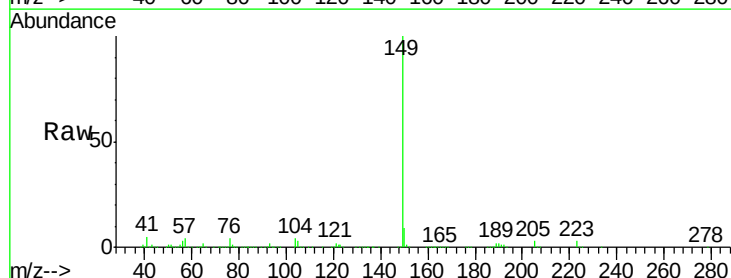
Tgt Ion:149 Resp: 724653

Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.4

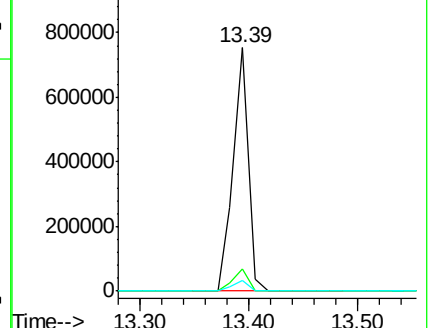
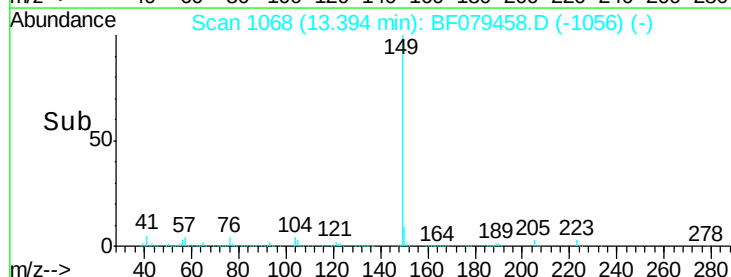
104 4.1 3.3 4.9

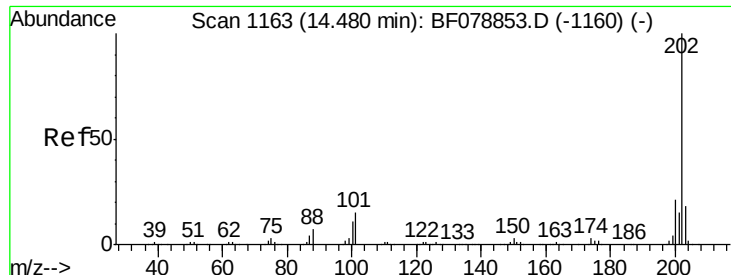


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

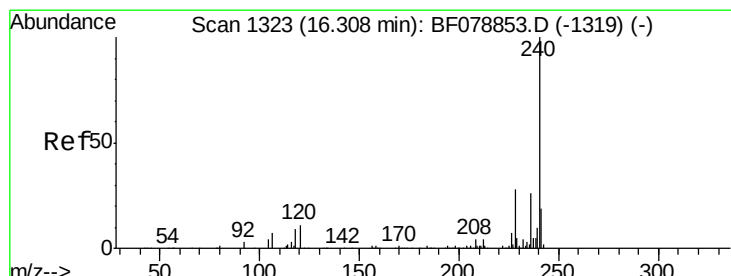
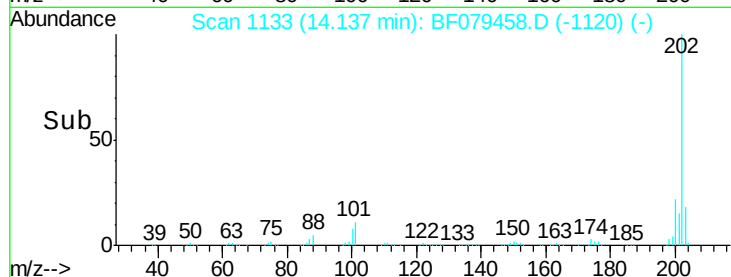
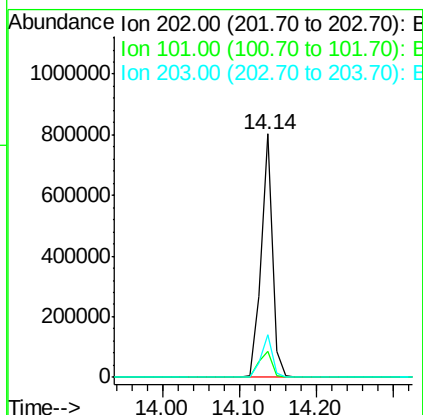
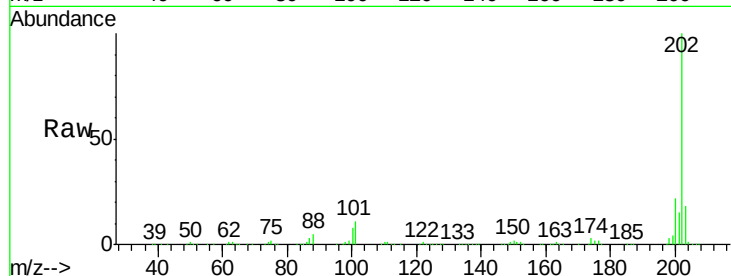




#74
 Fluoranthene
 Concen: 59.37 ng
 RT: 14.14 min Scan# 1133
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

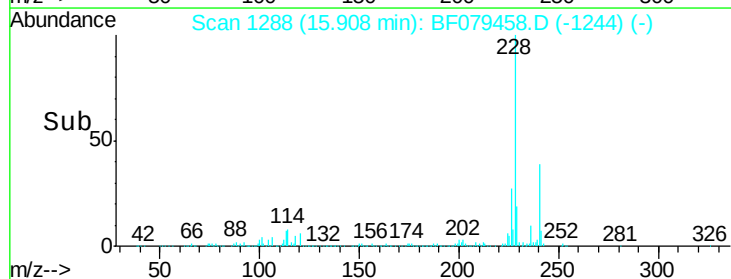
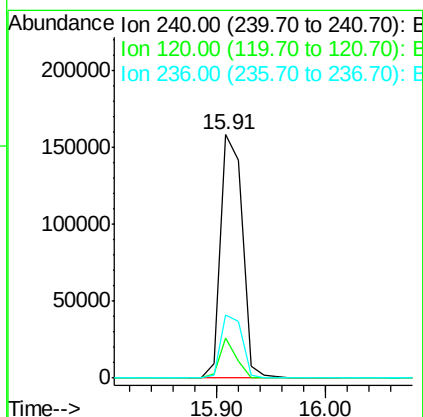
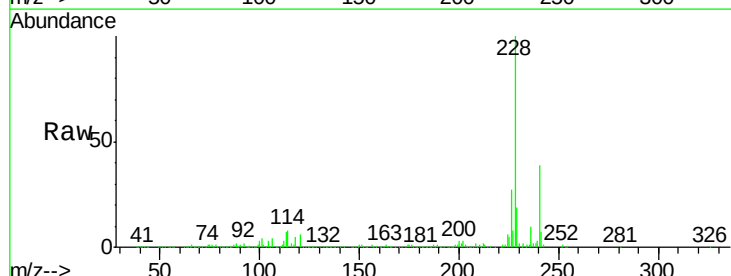
Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

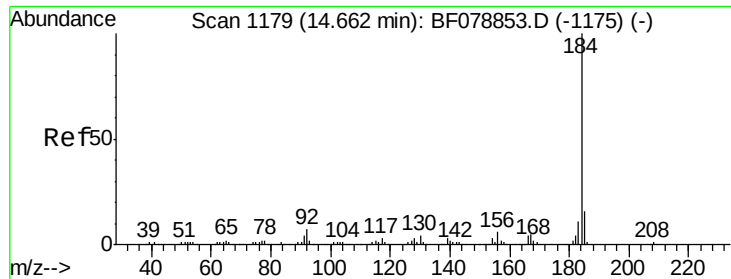
Tgt Ion: 202 Resp: 806037
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 34.7
 203 17.8 0.0 37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.91 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion: 240 Resp: 220246
 Ion Ratio Lower Upper
 240 100
 120 16.4 8.6 12.8#
 236 26.2 21.0 31.6





#76

Benzidine

Concen: 48.53 ng

RT: 14.32 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

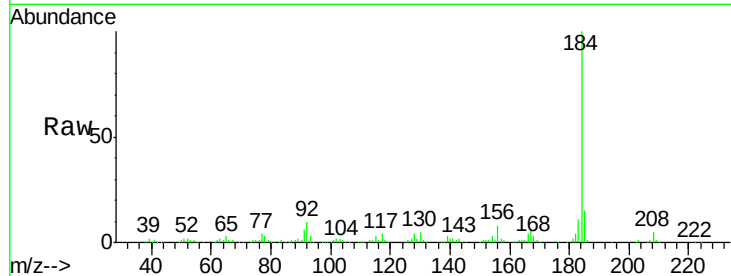
Tgt Ion:184 Resp: 288079

Ion Ratio Lower Upper

184 100

185 15.1 12.8 19.2

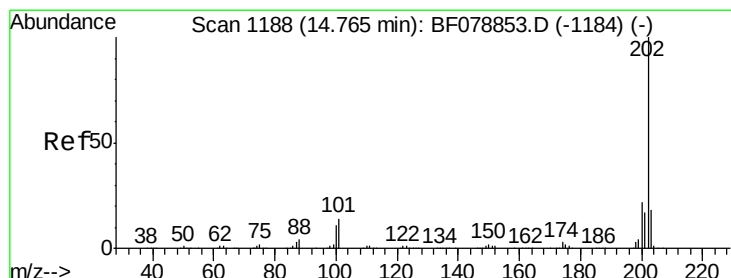
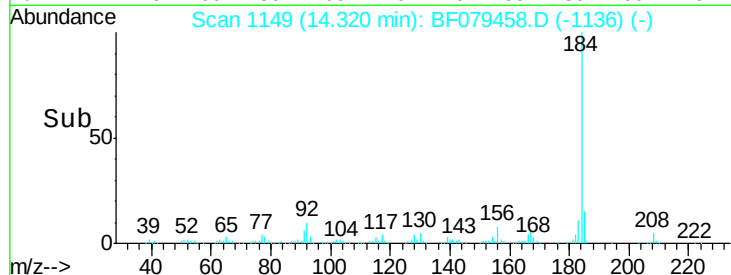
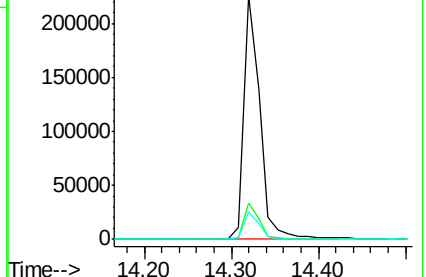
183 11.0 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 62.48 ng

RT: 14.41 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

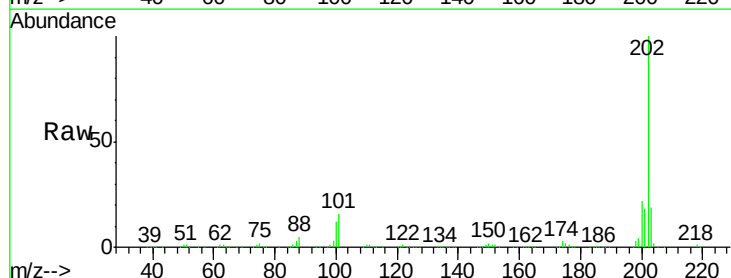
Tgt Ion:202 Resp: 792931

Ion Ratio Lower Upper

202 100

200 22.1 17.5 26.3

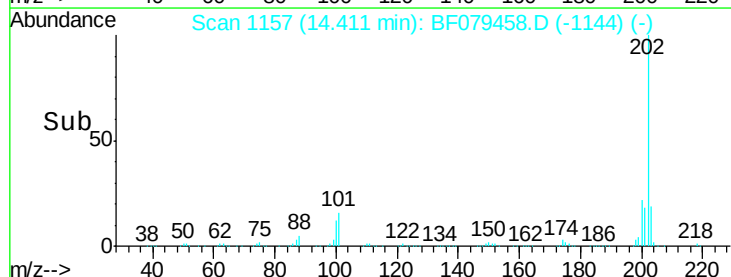
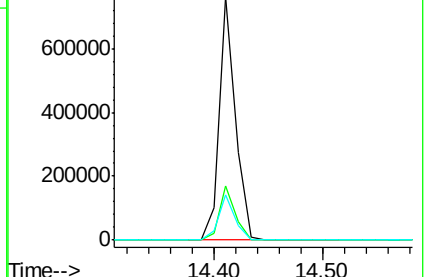
203 18.7 14.7 22.1

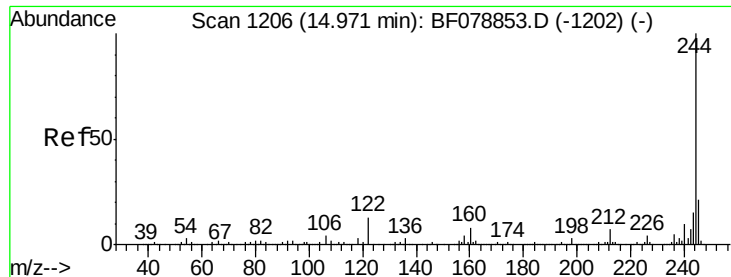


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 94.53 ng

RT: 14.63 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampled :

SB-31SMSD

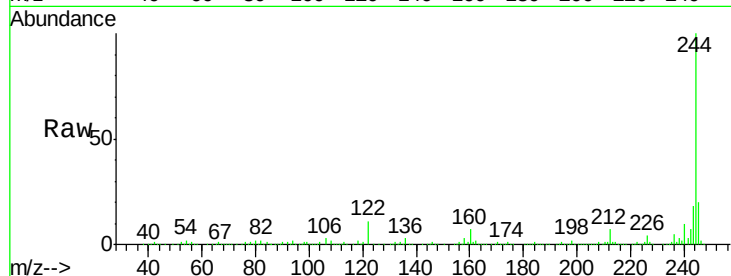
Tgt Ion:244 Resp: 869648

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

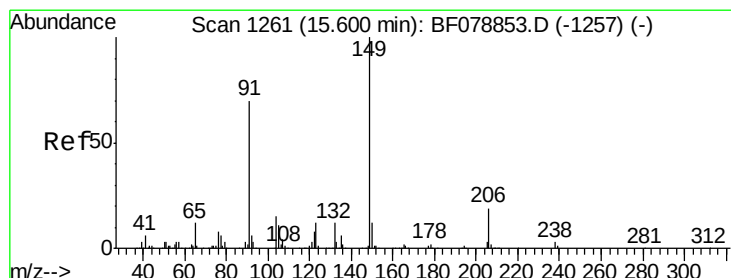
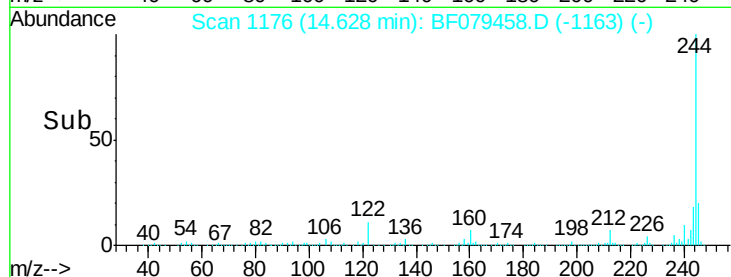
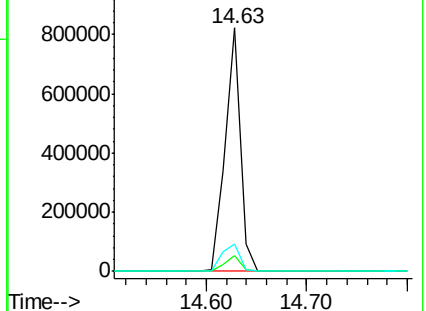
122 11.0 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 55.50 ng

RT: 15.25 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

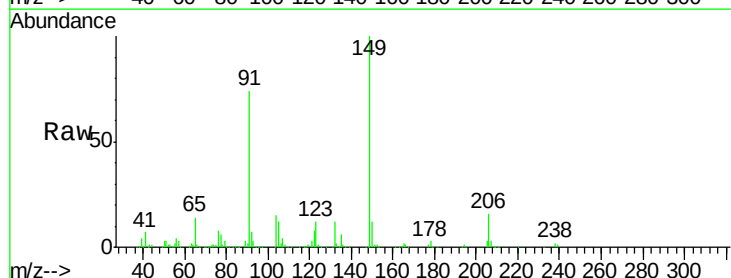
Tgt Ion:149 Resp: 307877

Ion Ratio Lower Upper

149 100

91 74.2 56.2 84.2

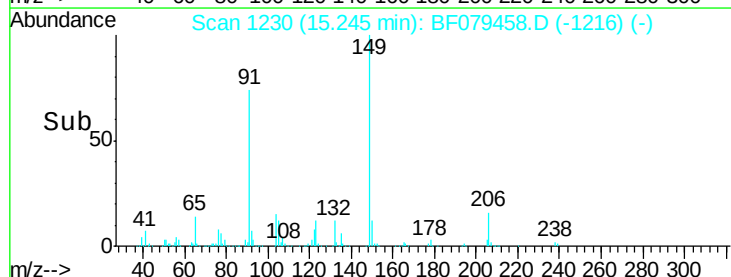
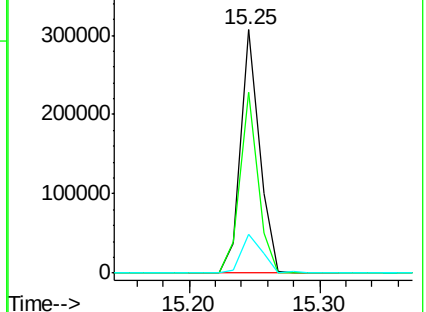
206 16.0 15.2 22.8

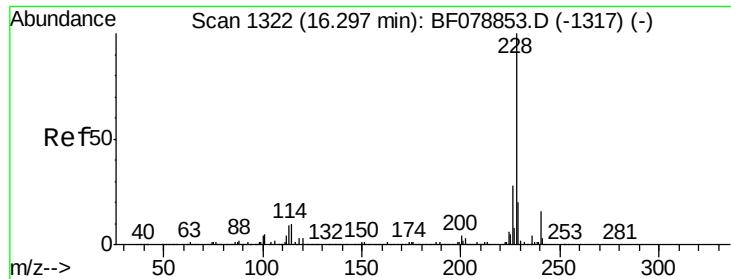


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 55.02 ng

RT: 15.90 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

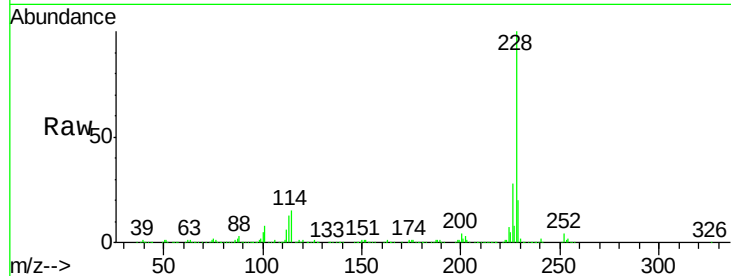
Tgt Ion: 228 Resp: 663540

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

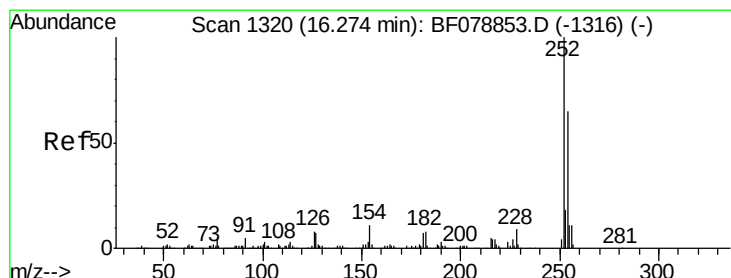
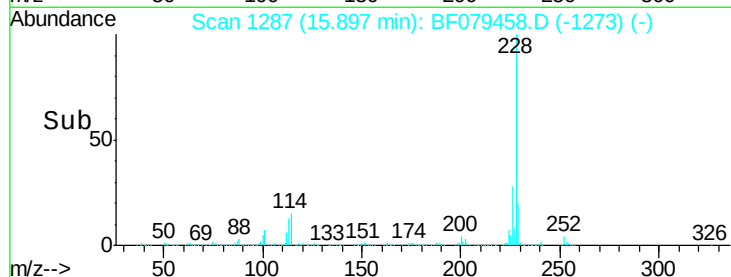
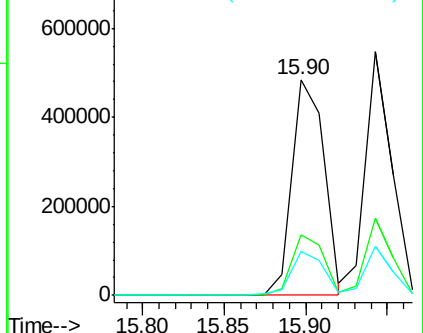
229 20.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 43.89 ng

RT: 15.89 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

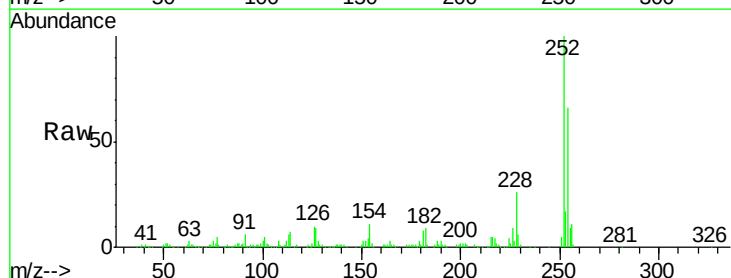
Tgt Ion: 252 Resp: 188547

Ion Ratio Lower Upper

252 100

254 65.8 52.2 78.2

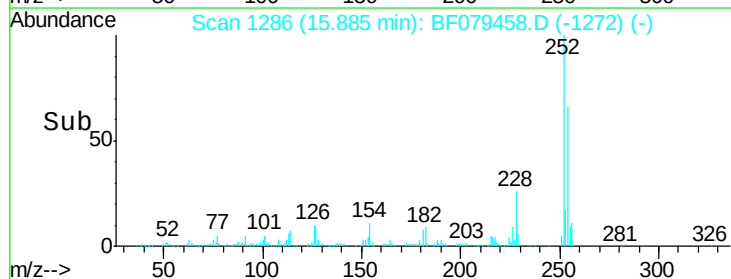
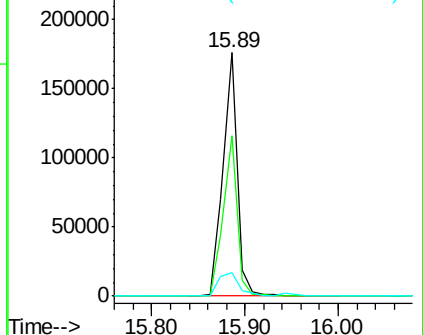
126 9.8 6.6 9.8

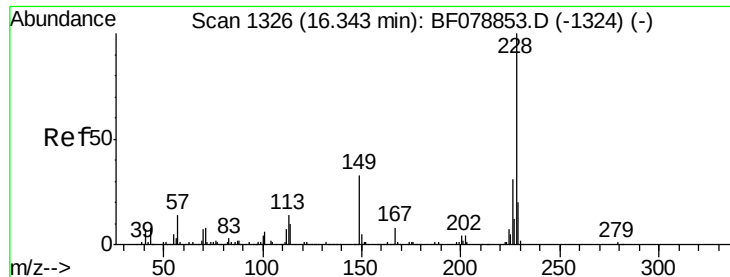


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 53.27 ng

RT: 15.94 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

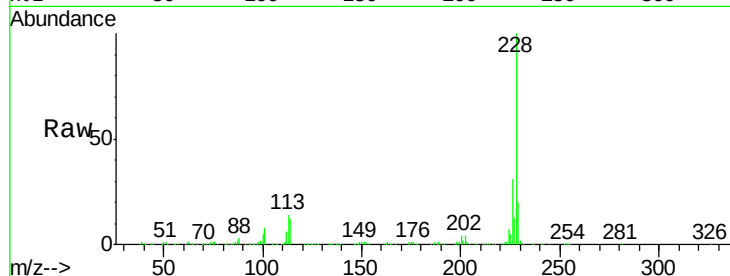
Tgt Ion:228 Resp: 617942

Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

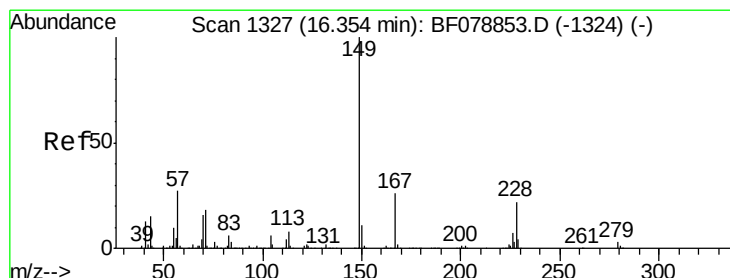
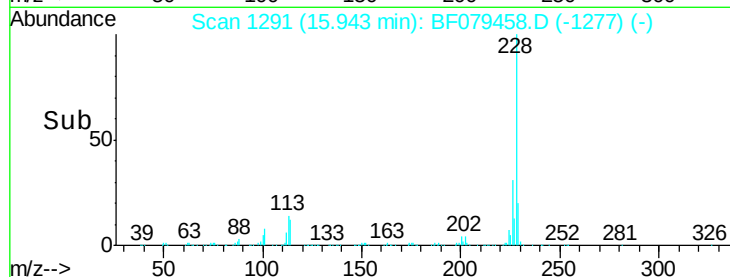
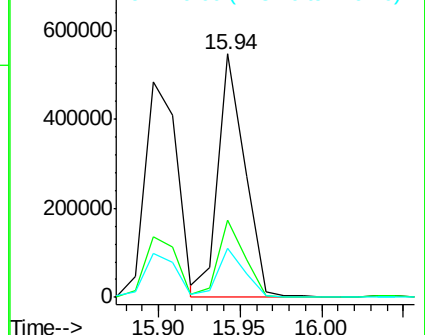
229 20.2 16.1 24.1



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: 54.01 ng

RT: 15.97 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

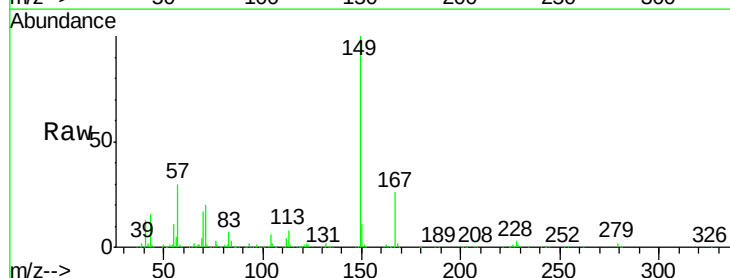
Tgt Ion:149 Resp: 453877

Ion Ratio Lower Upper

149 100

167 26.3 21.2 31.8

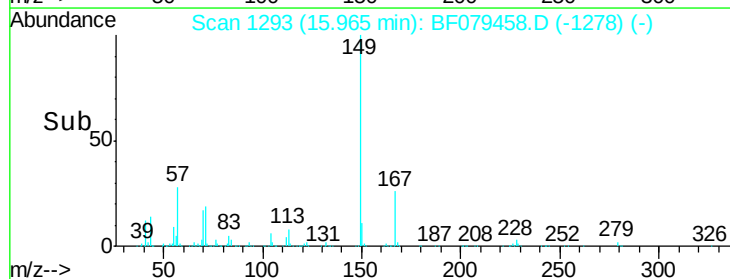
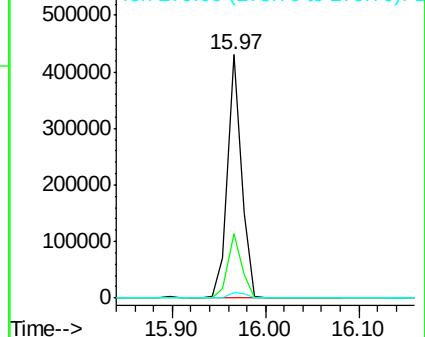
279 2.4 2.6 4.0#

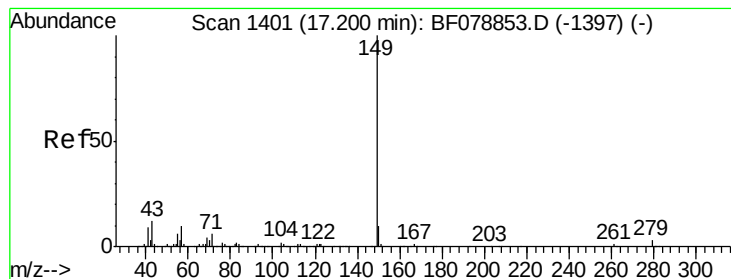


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.84 ng

RT: 16.75 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

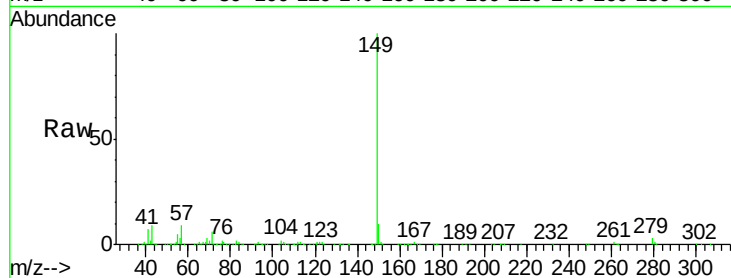
Tgt Ion:149 Resp: 737606

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

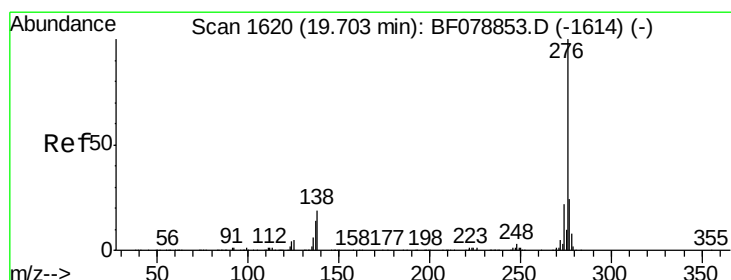
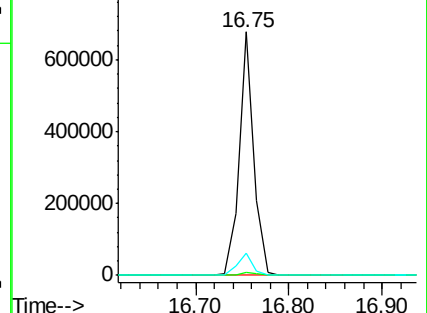
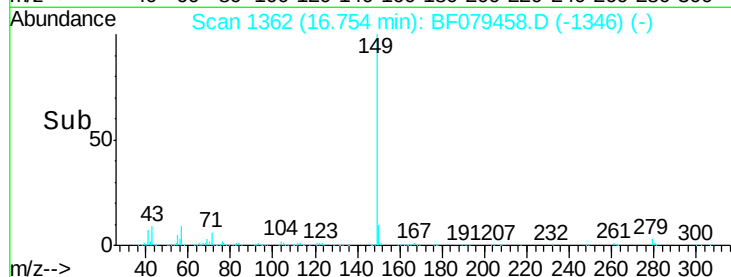
43 9.5 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 52.28 ng

RT: 18.97 min Scan# 1556

Delta R.T. 0.03 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

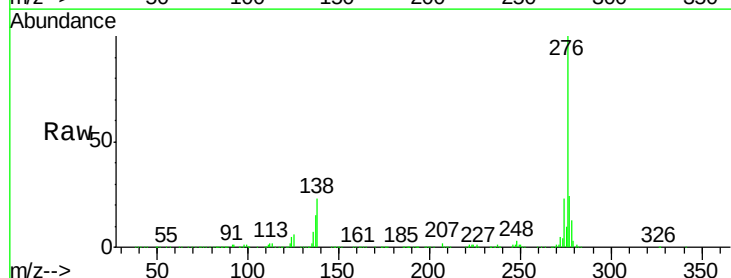
Tgt Ion:276 Resp: 772738

Ion Ratio Lower Upper

276 100

138 26.4 21.1 31.7

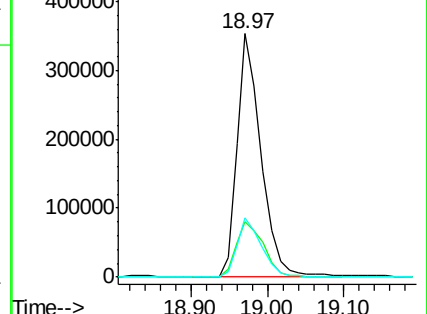
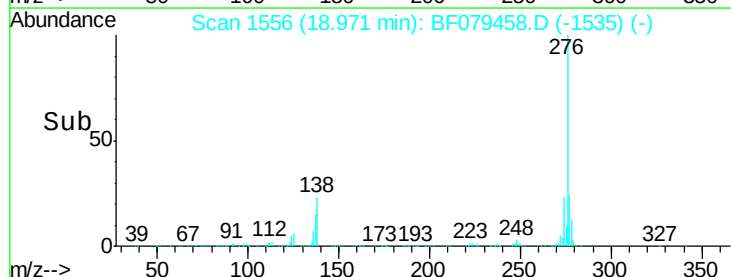
277 25.4 19.9 29.9

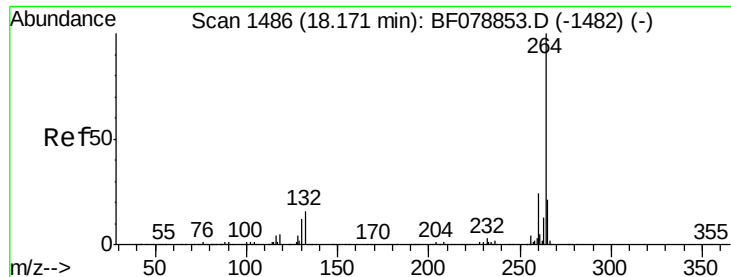


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

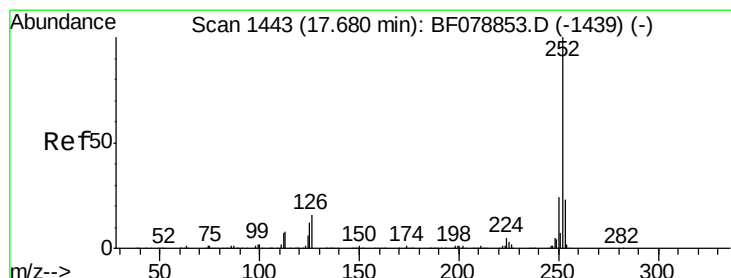
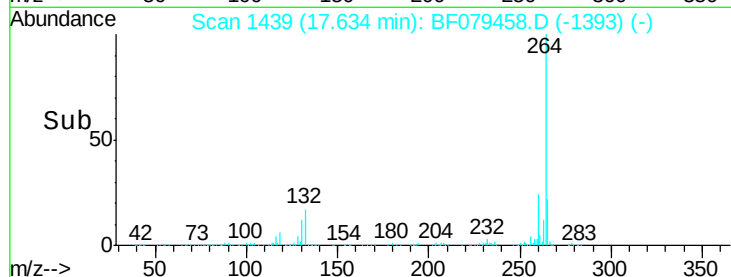
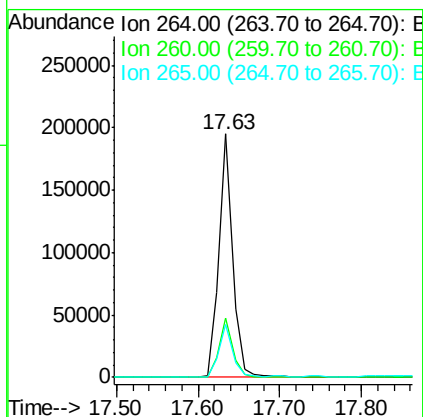
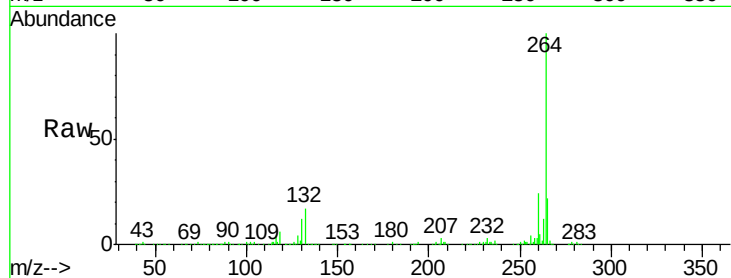




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.63 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

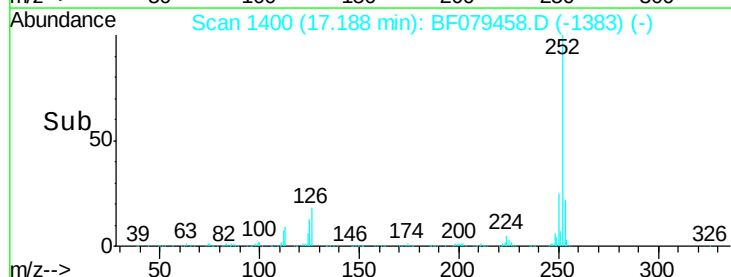
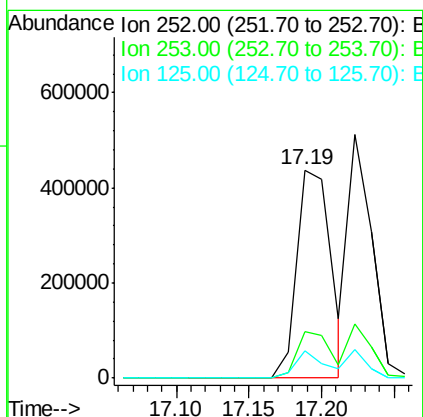
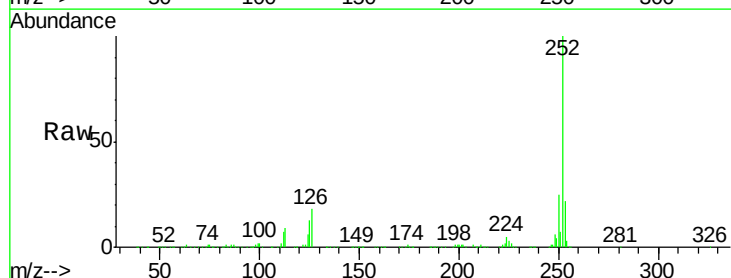
Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

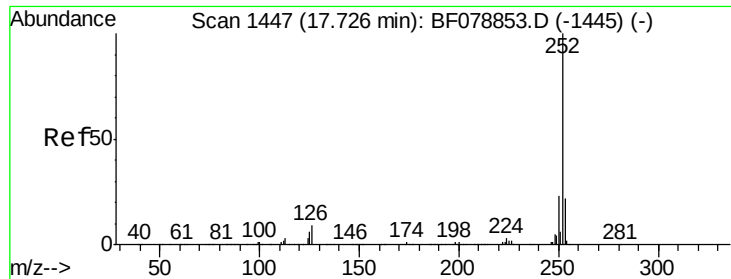
Tgt Ion: 264 Resp: 229662
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.5 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 56.56 ng
RT: 17.19 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion: 252 Resp: 711014
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 13.0 9.4 14.2

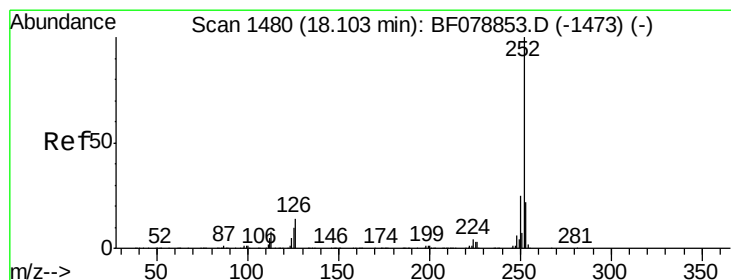
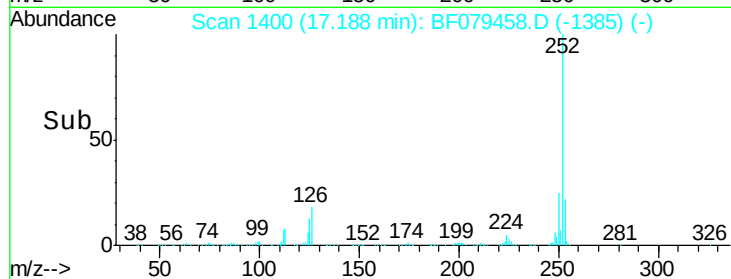
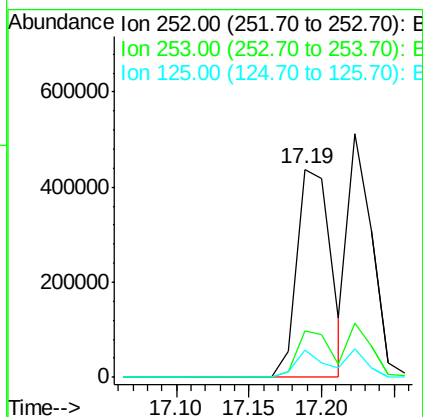
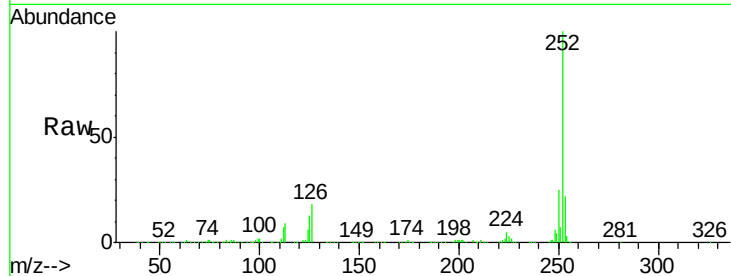




#88
Benzo(k)fluoranthene
Concen: 58.43 ng
RT: 17.19 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

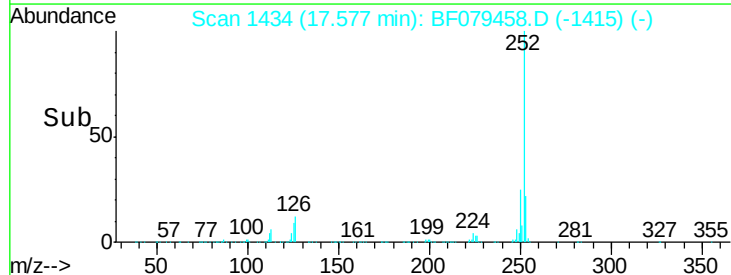
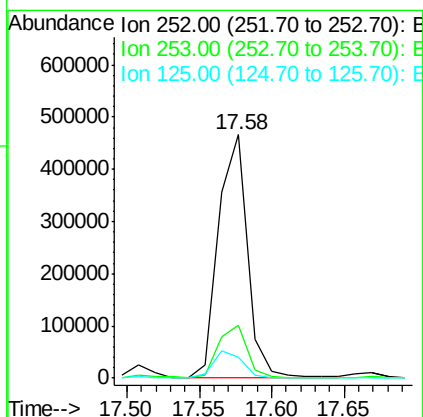
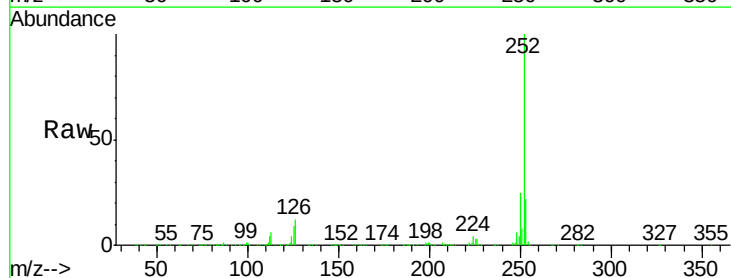
Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

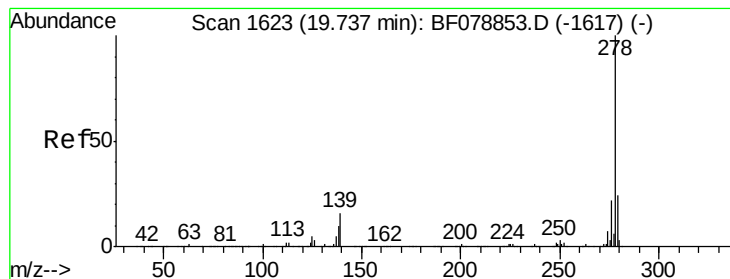
Tgt Ion:252 Resp: 711014
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 13.0 6.1 9.1#



#89
Benzo(a)pyrene
Concen: 55.90 ng
RT: 17.58 min Scan# 1434
Delta R.T. 0.03 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion:252 Resp: 646972
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 8.7 8.2 12.2





#90

Dibenzo(a,h)anthracene

Concen: 50.14 ng

RT: 18.99 min Scan# 1558

Delta R.T. 0.03 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

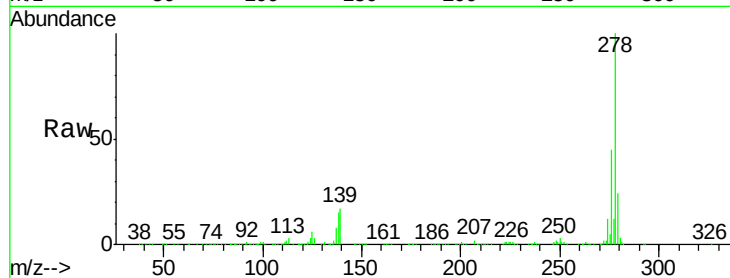
Tgt Ion:278 Resp: 616837

Ion Ratio Lower Upper

278 100

139 16.7 13.1 19.7

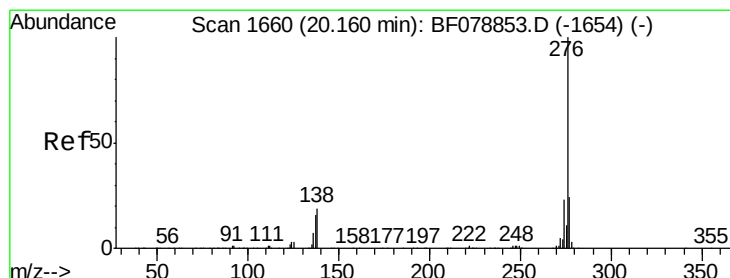
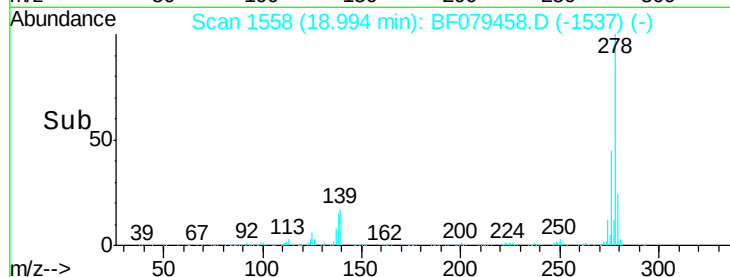
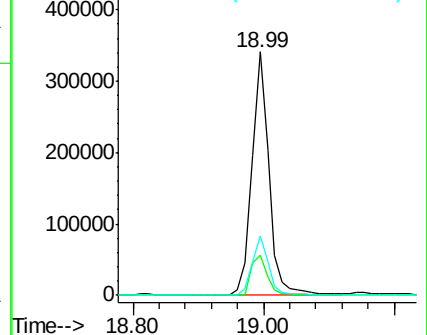
279 24.5 19.1 28.7



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: 52.74 ng

RT: 19.36 min Scan# 1590

Delta R.T. 0.03 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

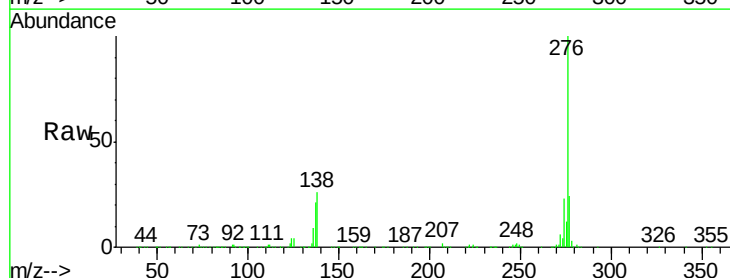
Tgt Ion:276 Resp: 650279

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 25.6 15.2 22.8#



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

