

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079359.D
 Acq On : 20 May 2015 1:36
 Operator : TP/IZ
 Sample : G2270-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Quant Time: May 20 06:07:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	41693	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	174499	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	88225	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	170386	20.00	ng	-0.01
75) Chrysene-d12	16.00	240	176754	20.00	ng	-0.02
86) Perylene-d12	17.69	264	188045	20.00	ng	-0.13

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	356473m	147.18	ng	0.00
7) Phenol-d6	6.70	99	458965	143.36	ng	-0.01
23) Nitrobenzene-d5	7.83	82	269215	88.67	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	130212	136.43	ng	-0.01
44) 2-Fluorobiphenyl	10.06	172	500757	79.08	ng	0.00
78) Terphenyl-d14	14.71	244	560278	75.89	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	41171m	39.09	ng	
3) Pyridine	2.72	79	58386m	18.94	ng	
4) n-Nitrosodimethylamine	2.62	42	46138m	34.94	ng	
6) Aniline	6.72	93	98395	21.77	ng	# 2
8) 2-Chlorophenol	6.86	128	123282	44.88	ng	93
9) Benzaldehyde	6.57	77	39098m	18.13	ng	
10) Phenol	6.72	94	160996	43.35	ng	80
11) bis(2-Chloroethyl)ether	6.82	93	117065	43.00	ng	94
12) 1,3-Dichlorobenzene	7.05	146	127276	41.22	ng	97
13) 1,4-Dichlorobenzene	7.15	146	126307	39.75	ng	96
14) 1,2-Dichlorobenzene	7.34	146	122048	41.26	ng	95
15) Benzyl Alcohol	7.31	79	98769m	41.56	ng	
16) 2,2'-oxybis(1-Chloropropan	7.50	45	171771	41.24	ng	96
17) 2-Methylphenol	7.46	107	97506	44.11	ng	95
18) Hexachloroethane	7.75	117	44248	40.43	ng	98
19) n-Nitroso-di-n-propylamine	7.64	70	86838	40.16	ng	95
20) 3+4-Methylphenols	7.66	107	131722	44.72	ng	# 47
22) Acetophenone	7.64	105	172177	43.67	ng	# 81
24) Nitrobenzene	7.85	77	123608	41.07	ng	# 77
25) Isophorone	8.15	82	237877	42.26	ng	99
26) 2-Nitrophenol	8.24	139	60253	48.37	ng	97
27) 2,4-Dimethylphenol	8.31	122	112728	45.22	ng	97
28) bis(2-Chloroethoxy)methane	8.43	93	147069	42.38	ng	99
29) 2,4-Dichlorophenol	8.54	162	103552	46.72	ng	96
30) 1,2,4-Trichlorobenzene	8.64	180	101928	41.86	ng	98
31) Naphthalene	8.73	128	361025	43.42	ng	99
32) Benzoic acid	8.42	122	50844m	34.59	ng	
33) 4-Chloroaniline	8.81	127	88934	25.28	ng	# 91
34) Hexachlorobutadiene	8.89	225	51670	36.85	ng	99
35) Caprolactam	9.23	113	29573	41.26	ng	92
36) 4-Chloro-3-methylphenol	9.42	107	103474	44.45	ng	86
37) 2-Methylnaphthalene	9.59	142	243641	42.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	97178	39.11	ng	98
40) Hexachlorocyclopentadiene	9.78	237	67108	53.71	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079359.D
 Acq On : 20 May 2015 1:36
 Operator : TP/IZ
 Sample : G2270-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Quant Time: May 20 06:07:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

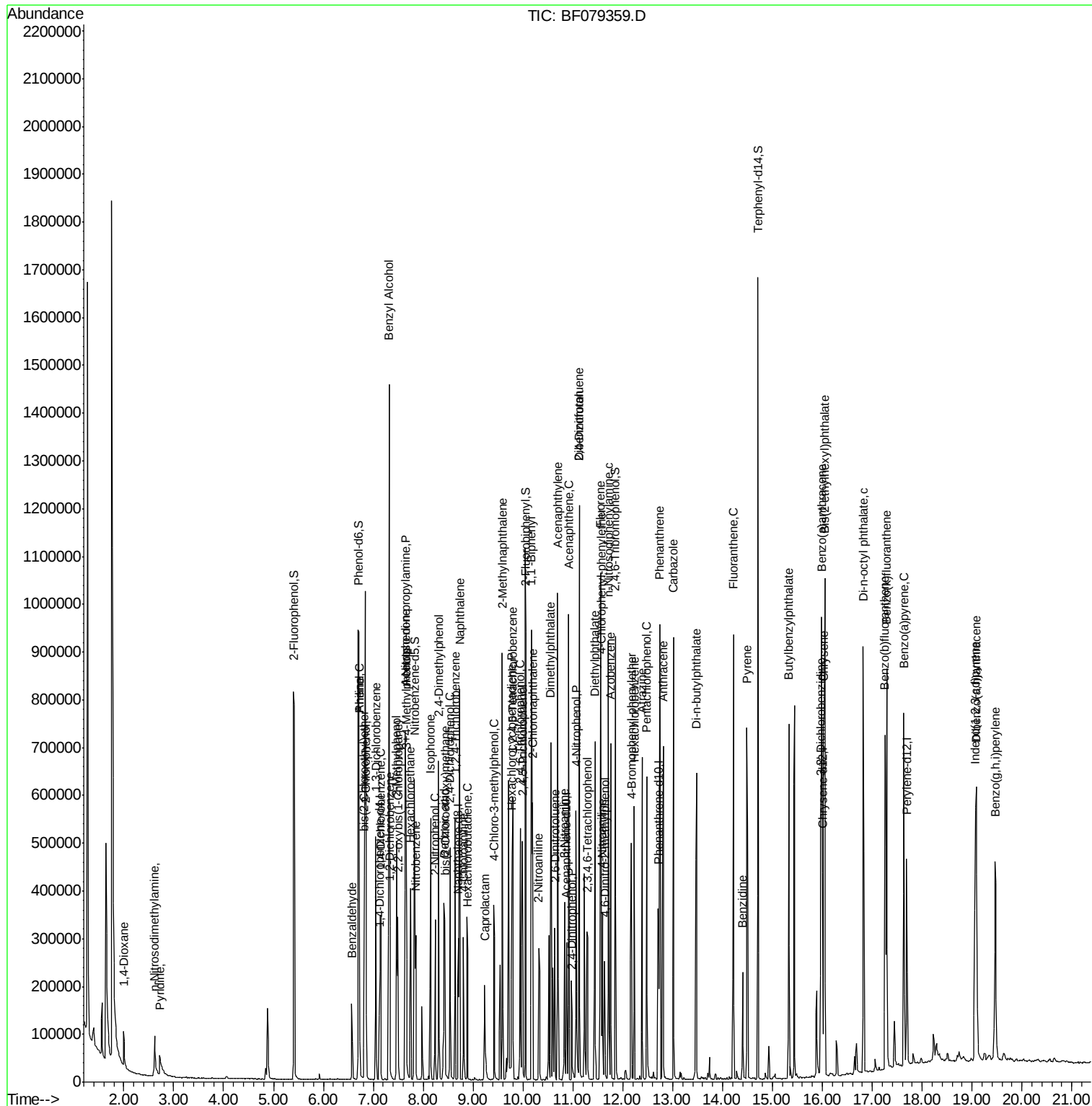
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	69865	40.90	nq	97
43) 2,4,5-Trichlorophenol	9.99	196	71272	41.27	nq #	87
45) 1,1'-Biphenyl	10.17	154	288599	41.15	nq	98
46) 2-Chloronaphthalene	10.19	162	221429	40.47	nq #	91
47) 2-Nitroaniline	10.32	65	63224	39.89	nq	95
48) Acenaphthylene	10.70	152	355651	39.59	nq	98
49) Dimethylphthalate	10.56	163	305516	47.18	nq	99
50) 2,6-Dinitrotoluene	10.64	165	56749	44.41	nq	94
51) Acenaphthene	10.91	154	207837	38.80	nq	99
52) 3-Nitroaniline	10.83	138	54446	34.11	nq	97
53) 2,4-Dinitrophenol	10.98	184	34639	69.96	nq #	50
54) Dibenzofuran	11.13	168	323992	41.87	nq	97
55) 4-Nitrophenol	11.06	139	100358	79.43	nq #	75
56) 2,4-Dinitrotoluene	11.13	165	74811	44.28	nq #	67
57) Fluorene	11.55	166	259812	40.91	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.29	232	56340	39.92	nq	99
59) Diethylphthalate	11.44	149	272932	42.55	nq	99
60) 4-Chlorophenyl-phenylether	11.57	204	114609	40.68	nq	99
61) 4-Nitroaniline	11.59	138	61635	38.60	nq	98
62) Azobenzene	11.76	77	261264	41.33	nq	99
64) 4,6-Dinitro-2-methylphenol	11.63	198	30373	44.19	nq #	52
65) n-Nitrosodiphenylamine	11.71	169	226595	39.93	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	70465	39.68	nq #	88
67) Hexachlorobenzene	12.23	284	78098	38.47	nq #	80
68) Atrazine	12.39	200	71891	43.57	nq	98
69) Pentachlorophenol	12.48	266	75519	64.99	nq	97
70) Phenanthrene	12.74	178	367493	38.55	nq	100
71) Anthracene	12.81	178	371540	39.73	nq	100
72) Carbazole	13.02	167	380121	42.65	nq	99
73) Di-n-butylphthalate	13.47	149	458296	42.88	nq	100
74) Fluoranthene	14.22	202	395914	39.86	nq	96
76) Benzidine	14.40	184	94779	19.90	nq	96
77) Pyrene	14.49	202	406987	39.96	nq	100
79) Butylbenzylphthalate	15.33	149	192205	43.17	nq	89
80) Benzo(a)anthracene	15.99	228	386199	39.90	nq	99
81) 3,3'-Dichlorobenzidine	15.97	252	123422	35.80	nq #	99
82) Chrysene	16.02	228	342561	36.80	nq	100
83) Bis(2-ethylhexyl)phthalate	16.05	149	303061	44.94	nq	100
84) Di-n-octyl phthalate	16.82	149	534985	45.04	nq	97
85) Indeno(1,2,3-cd)pyrene	19.06	276	448920	37.85	nq	100
87) Benzo(b)fluoranthene	17.26	252	415404	40.36	nq	100
88) Benzo(k)fluoranthene	17.29	252	329134m	33.03	nq	
89) Benzo(a)pyrene	17.63	252	360883	38.08	nq	99
90) Dibenzo(a,h)anthracene	19.09	278	376264	37.36	nq	98
91) Benzo(g,h,i)perylene	19.46	276	360251	35.69	nq #	94

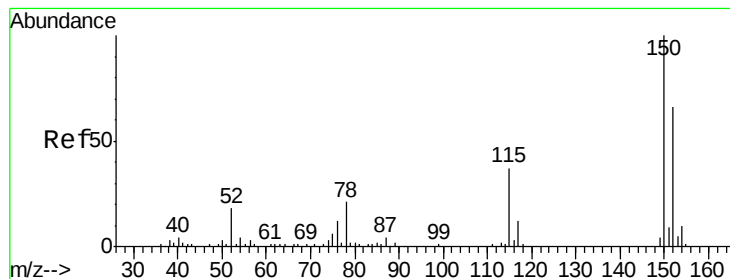
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079359.D
Acq On : 20 May 2015 1:36
Operator : TP/IZ
Sample : G2270-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Quant Time: May 20 06:07:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

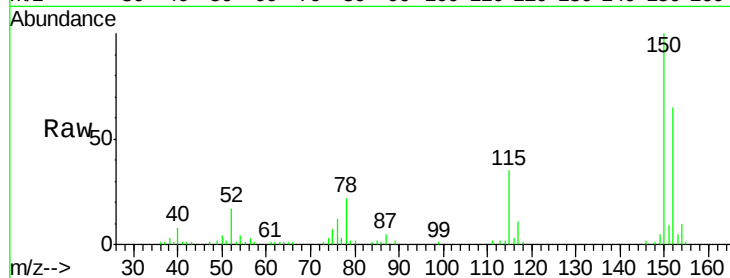
Tot Ion:152 Resp: 41693

Ion Ratio Lower Upper

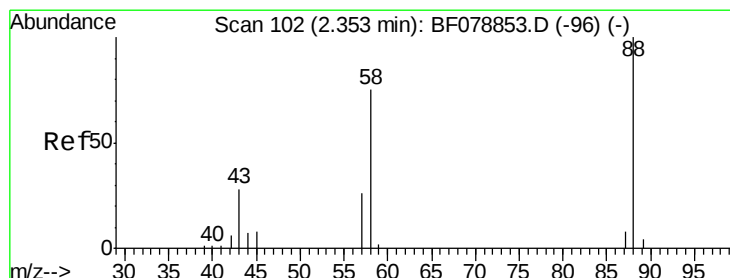
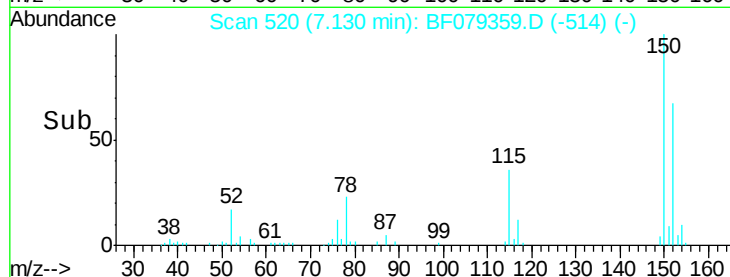
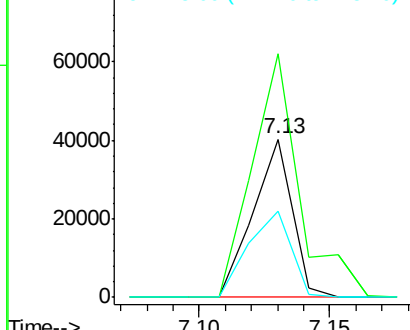
152 100

150 154.2 123.8 185.8

115 54.5 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



#2

1,4-Dioxane

Concen: 39.09 ng m

RT: 2.00 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

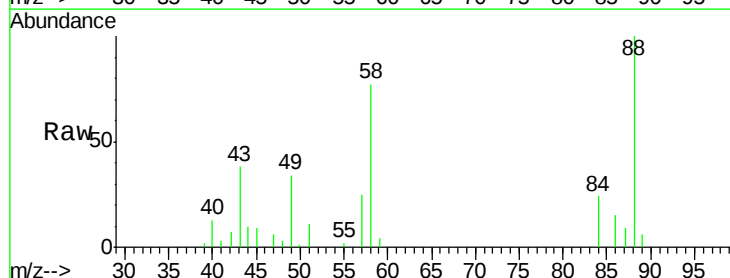
Tgt Ion: 88 Resp: 41171

Ion Ratio Lower Upper

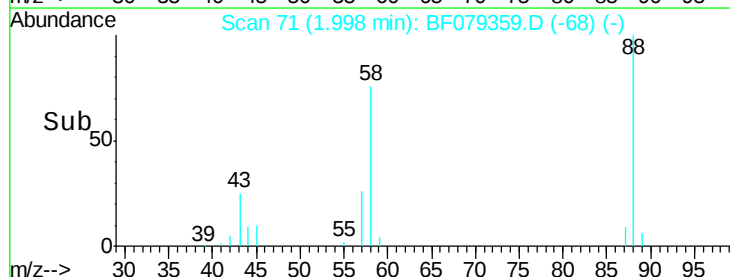
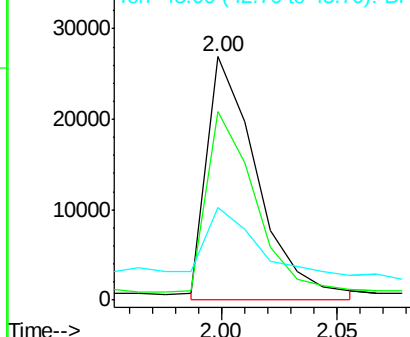
88 100

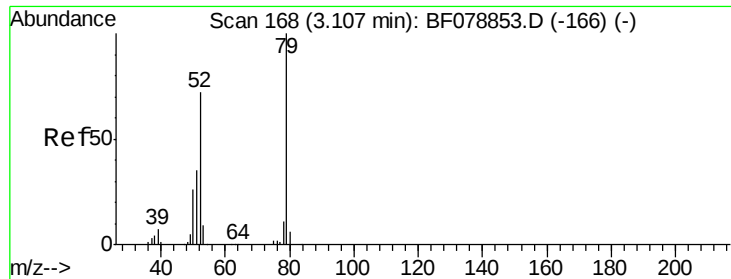
58 0.0 63.5 95.3#

43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

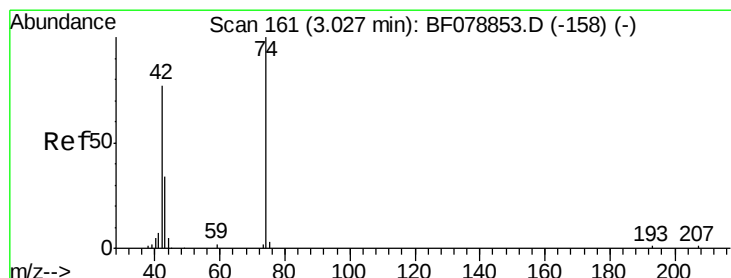
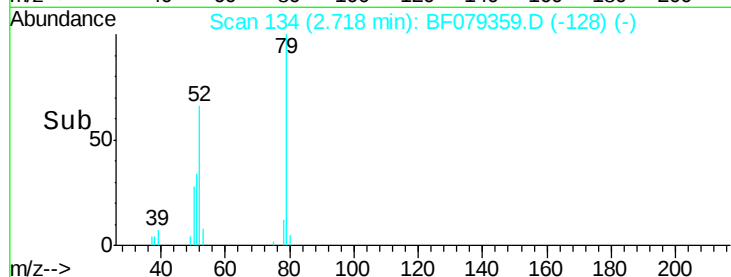
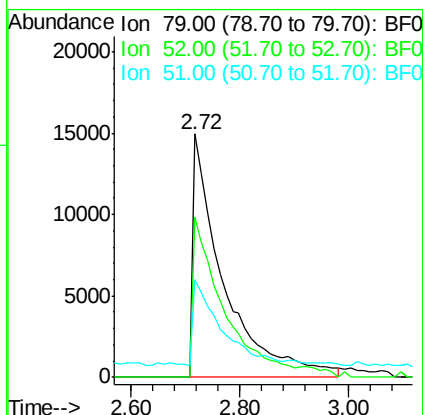
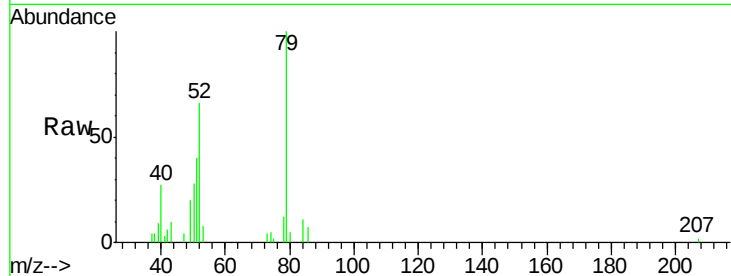




#3
 Pvridine
 Concen: 18.94 ng m
 RT: 2.72 min Scan# 134
 Delta R.T. 0.05 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

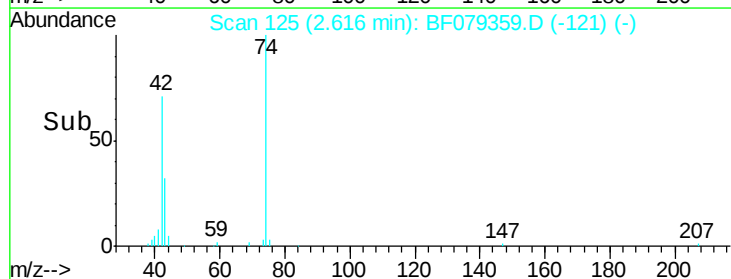
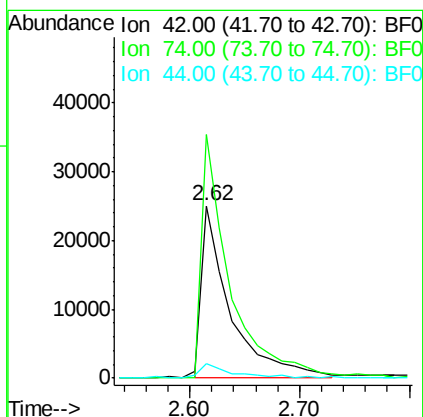
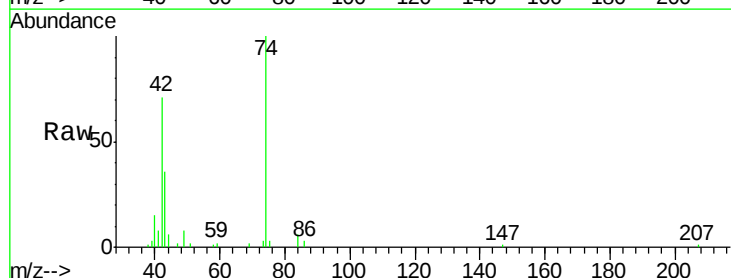
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

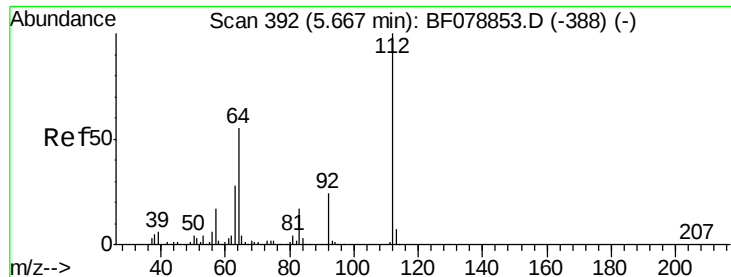
Tot Ion: 79 Resp: 58386
 Ion Ratio Lower Upper
 79 100
 52 65.9 57.6 86.4
 51 40.0 28.7 43.1



#4
 n-Nitrosodimethylamine
 Concen: 34.94 ng m
 RT: 2.62 min Scan# 125
 Delta R.T. 0.02 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion: 42 Resp: 46138
 Ion Ratio Lower Upper
 42 100
 74 141.5 104.4 156.6
 44 8.5 6.2 9.2





#5

2-Fluorophenol

Concen: 147.18 ng/mL

RT: 5.42 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

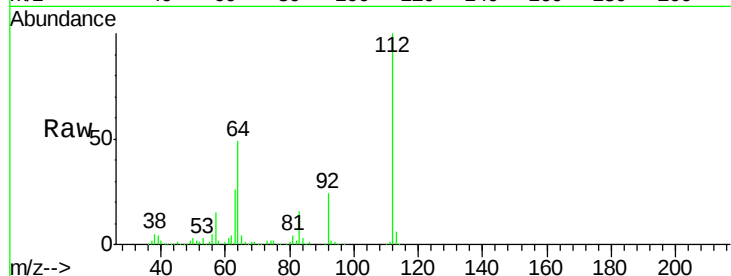
Tot Ion:112 Resp: 356473

Ion Ratio Lower Upper

112 100

64 49.5 44.2 66.2

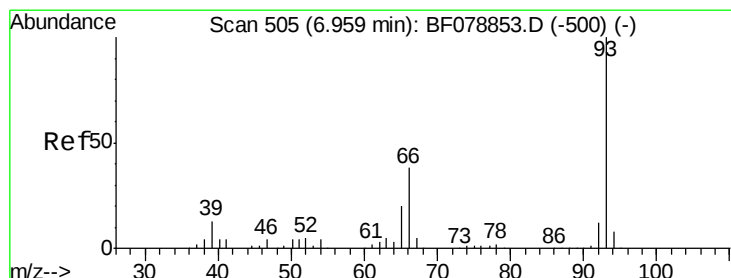
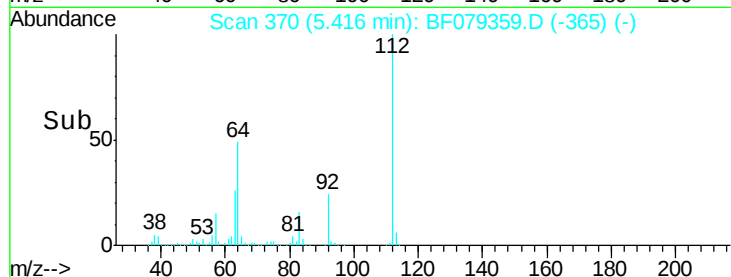
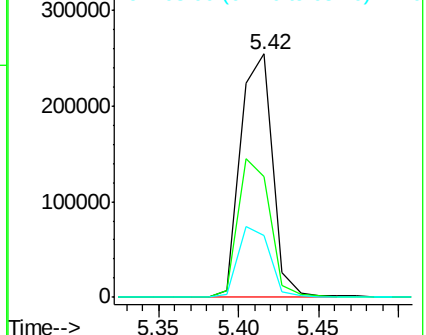
63 25.5 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.77 ng

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

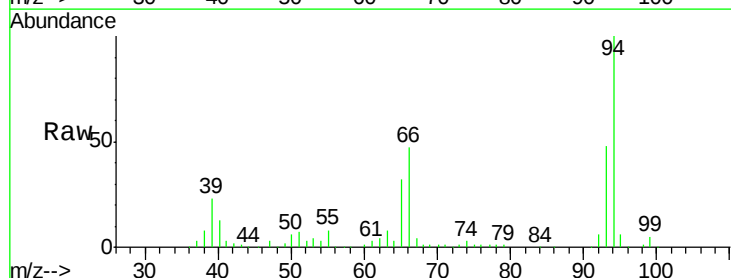
Tgt Ion: 93 Resp: 98395

Ion Ratio Lower Upper

93 100

66 96.1 30.7 46.1#

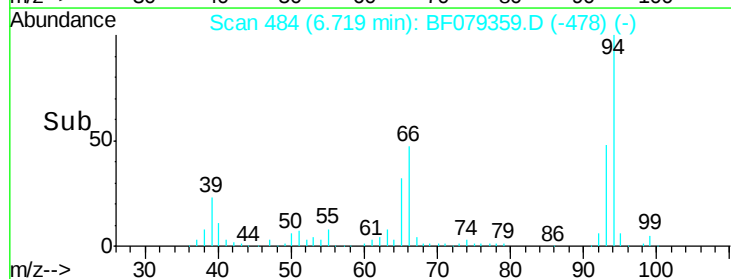
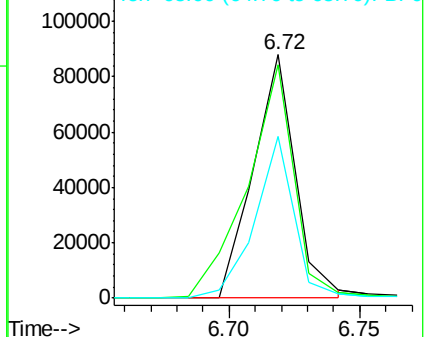
65 66.6 15.8 23.8#

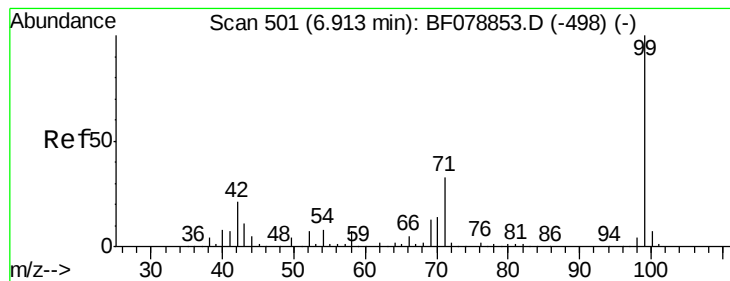


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 143.36 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

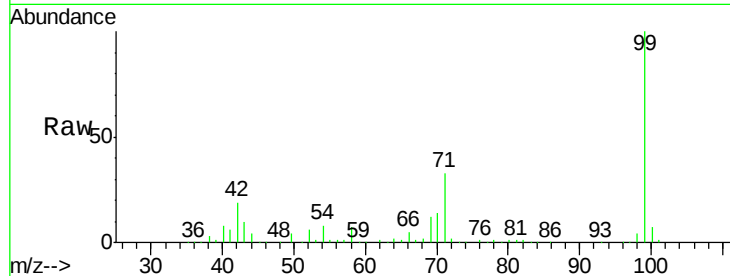
Tot Ion: 99 Resp: 458965

Ion Ratio Lower Upper

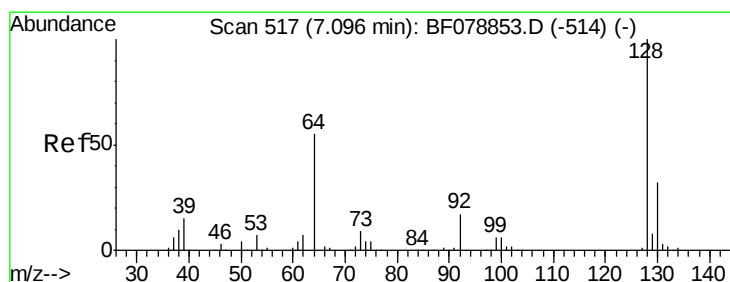
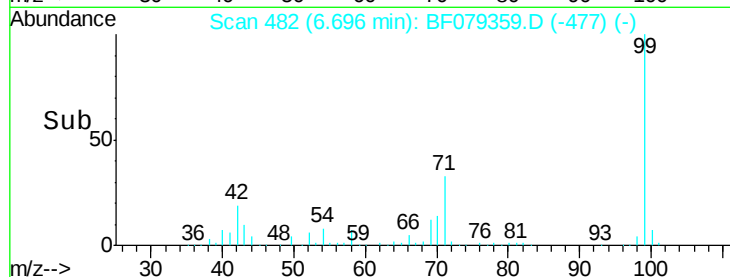
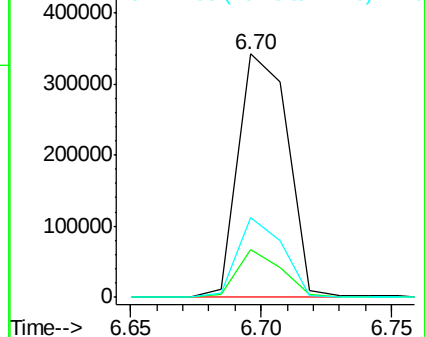
99 100

42 19.5 17.1 25.7

71 32.7 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: 44.88 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

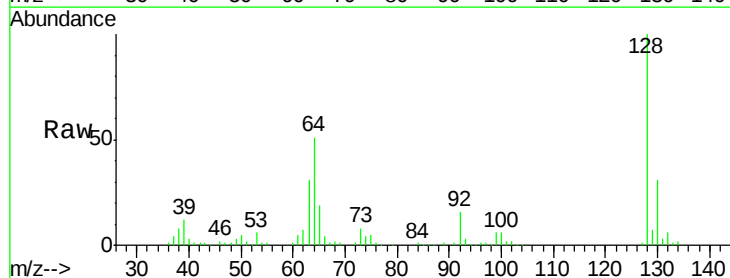
Tgt Ion: 128 Resp: 123282

Ion Ratio Lower Upper

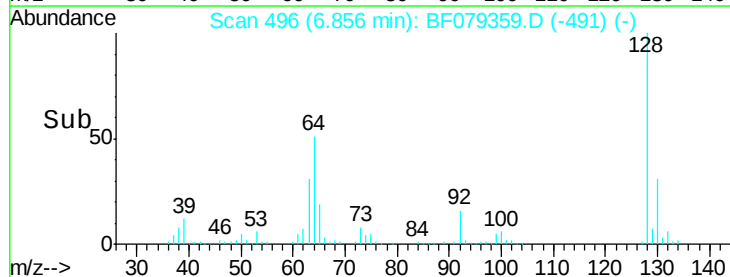
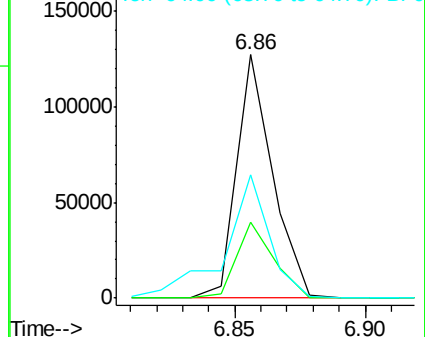
128 100

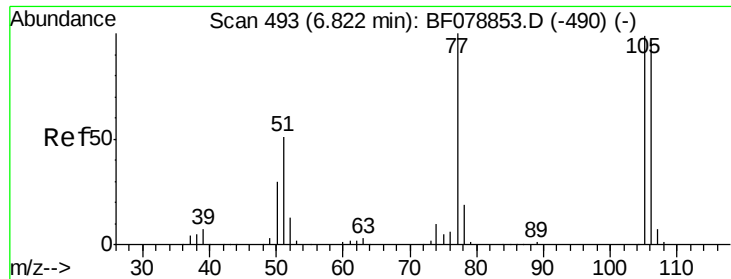
130 31.1 12.4 52.4

64 50.7 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): BF0





#9

Benzaldehyde

Concen: 18.13 ng/mL

RT: 6.57 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleID :

SB-20MSD

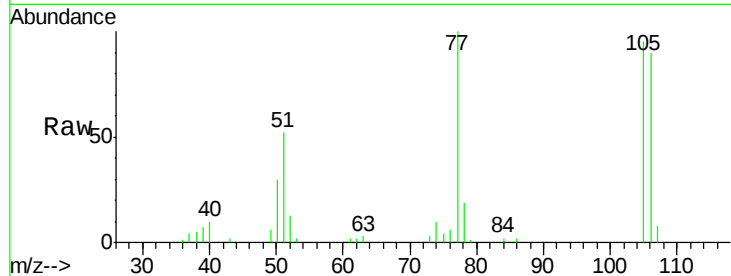
Tot Ion: 77 Resp: 39098

Ion Ratio Lower Upper

77 100

105 95.2 78.9 118.9

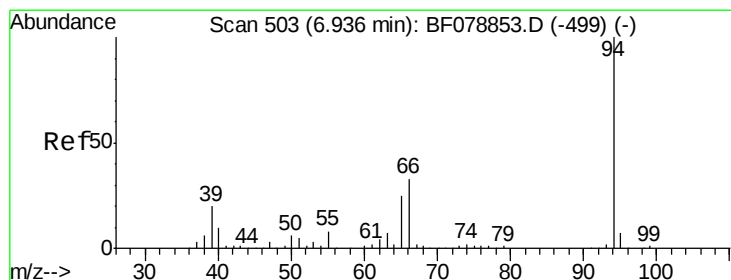
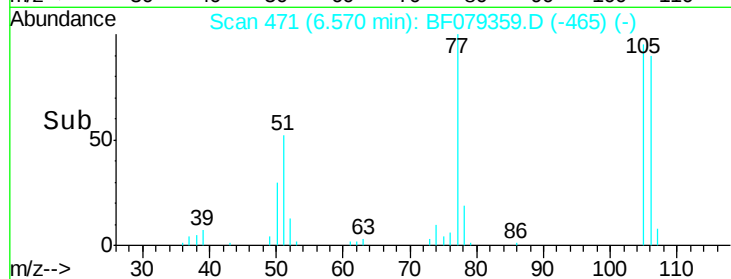
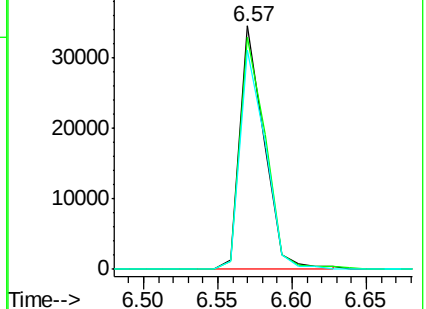
106 89.9 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.35 ng/mL

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

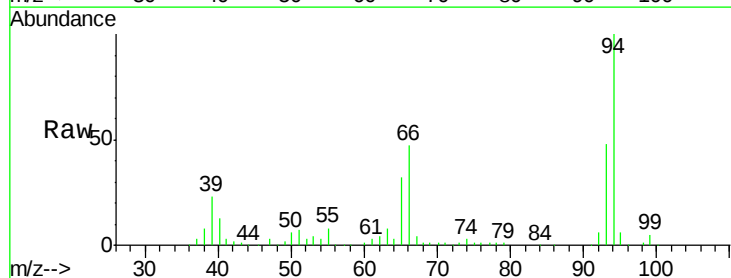
Tgt Ion: 94 Resp: 160996

Ion Ratio Lower Upper

94 100

65 32.3 5.1 45.1

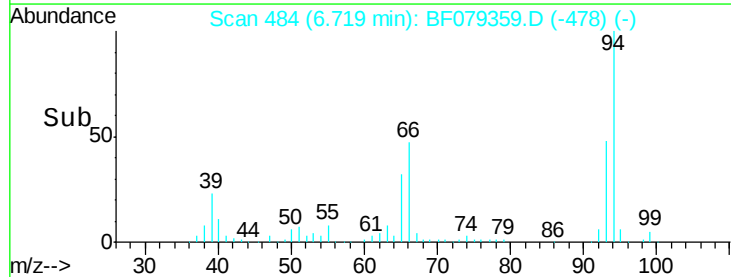
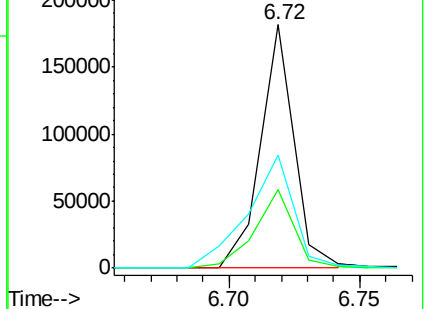
66 46.6 13.1 53.1

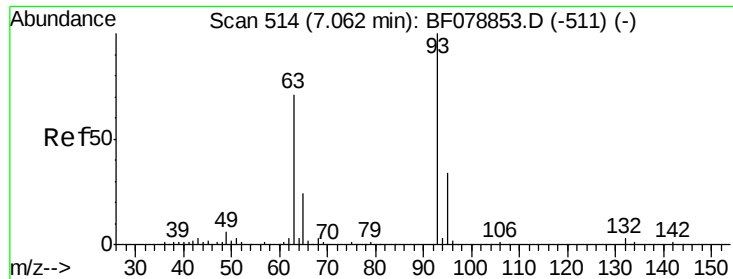


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

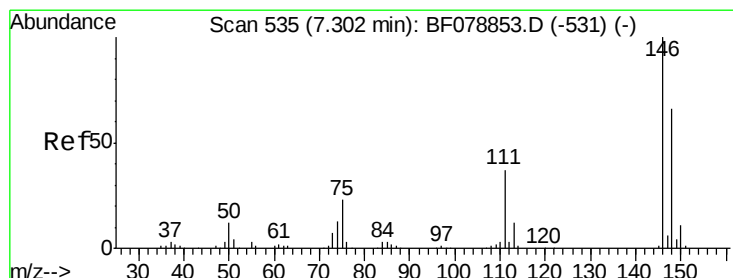
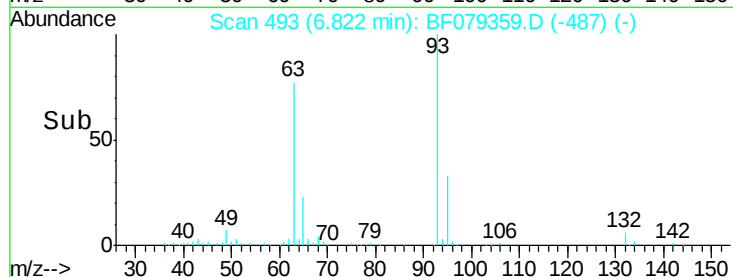
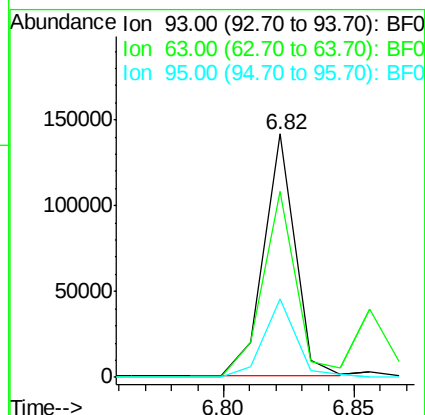
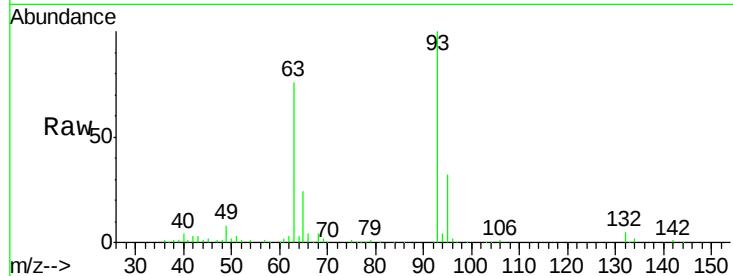




#11
bis(2-Chloroethyl)ether
Concen: 43.00 ng
RT: 6.82 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

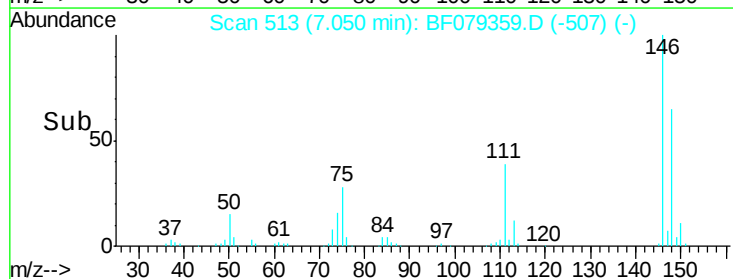
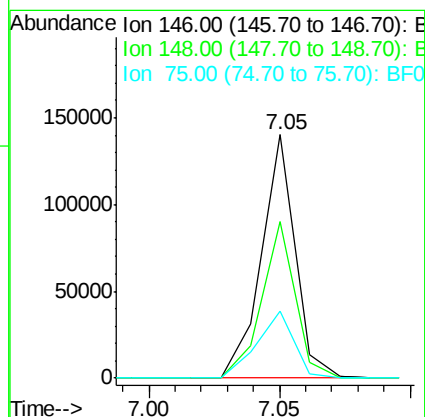
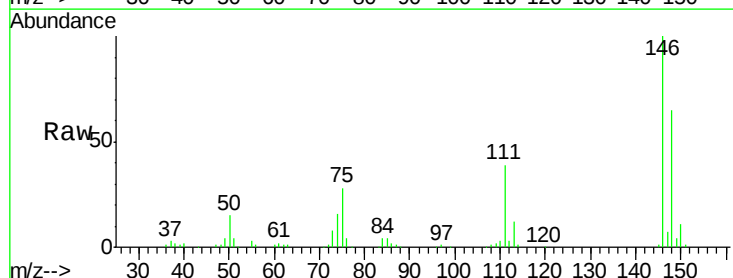
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

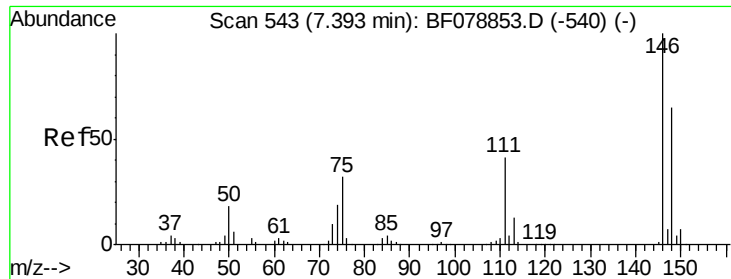
Tot Ion: 93 Resp: 117065
Ion Ratio Lower Upper
93 100
63 76.5 50.8 90.8
95 32.2 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 41.22 ng
RT: 7.05 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion: 146 Resp: 127276
Ion Ratio Lower Upper
146 100
148 64.5 52.4 78.6
75 27.7 18.6 27.8

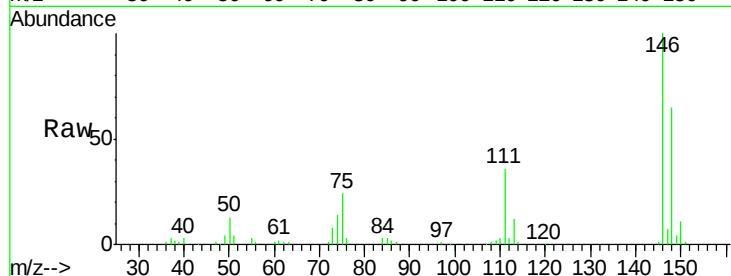




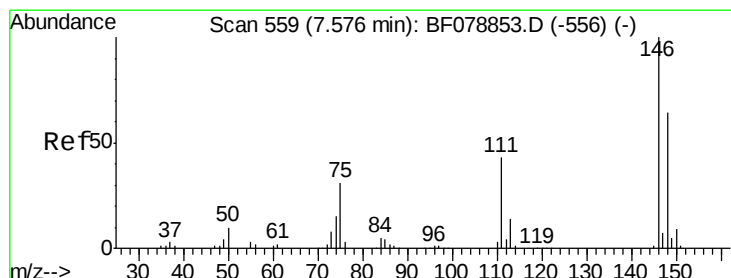
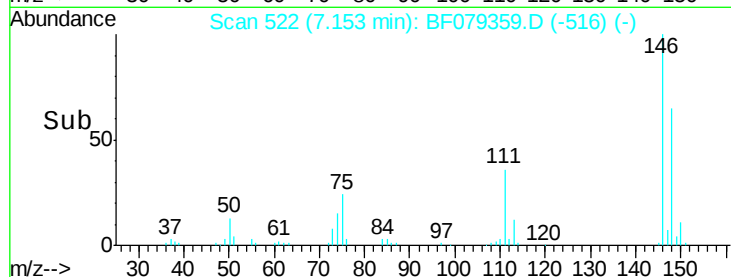
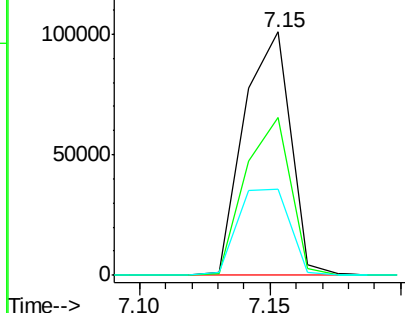
#13
 1,4-Dichlorobenzene
 Concen: 39.75 ng
 RT: 7.15 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampled :
 SB-20MSD

Tot Ion:146 Resp: 126307
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.7 77.5
 111 35.6 32.8 49.2

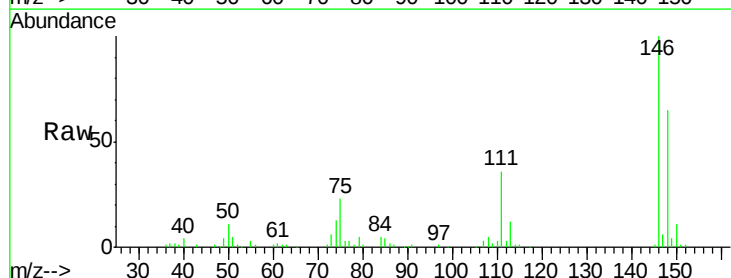


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

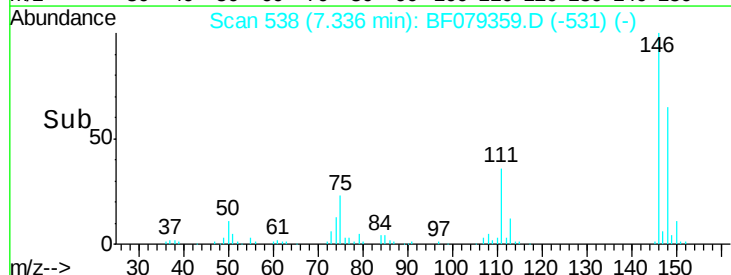
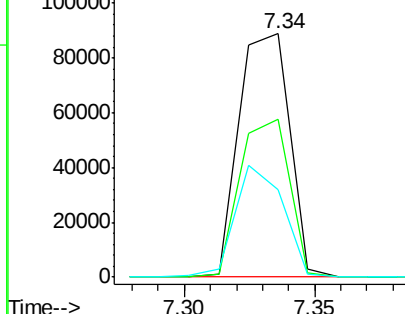


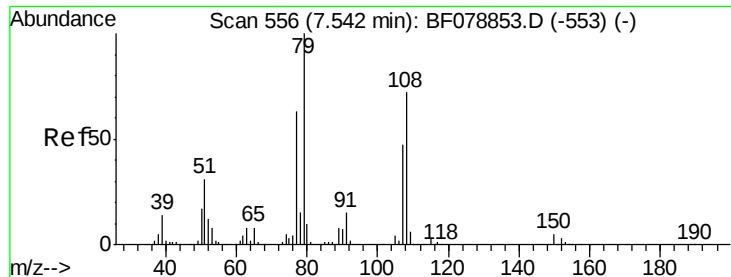
#14
 1,2-Dichlorobenzene
 Concen: 41.26 ng
 RT: 7.34 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:146 Resp: 122048
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.1 76.7
 111 36.1 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: 41.56 ng/ml

RT: 7.31 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

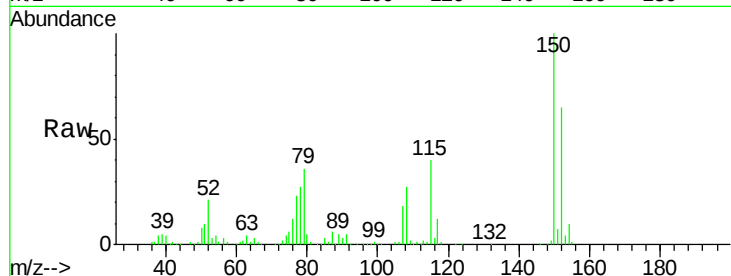
Tot Ion: 79 Resp: 98769

Ion Ratio Lower Upper

79 100

108 75.8 57.4 86.2

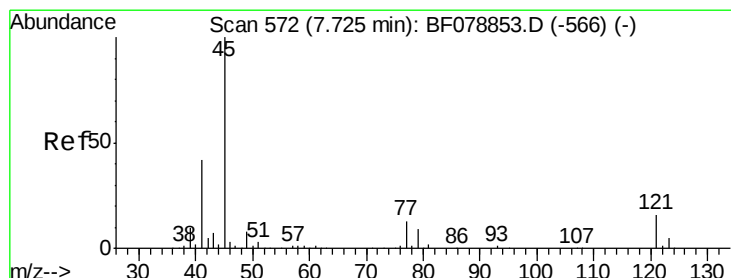
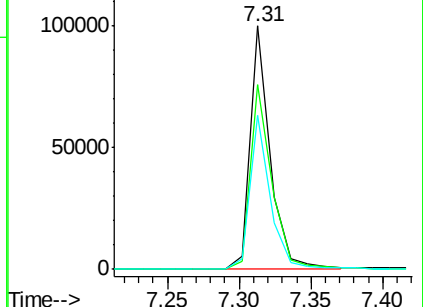
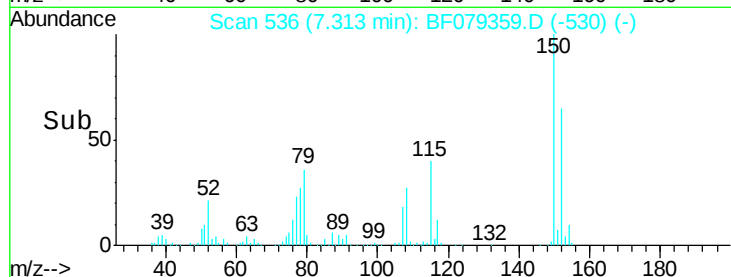
77 63.5 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BF079359.D (-530) (-)

Ion 108.00 (107.70 to 108.70): BF079359.D (-530) (-)

Ion 77.00 (76.70 to 77.70): BF079359.D (-530) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.24 ng/ml

RT: 7.50 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

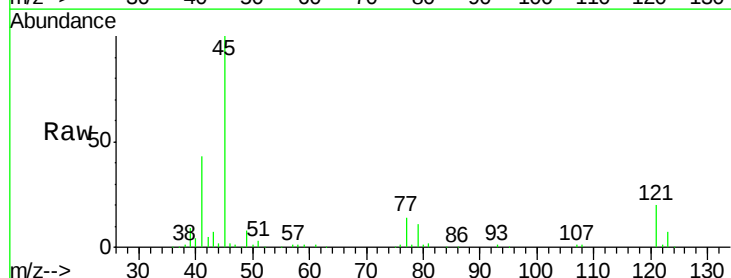
Tgt Ion: 45 Resp: 171771

Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.6

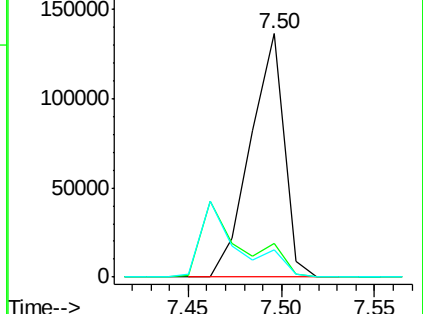
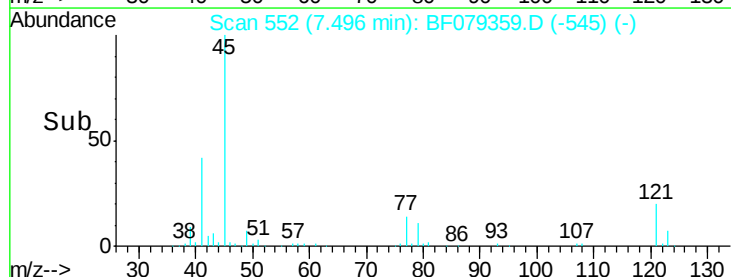
79 11.3 0.0 29.3

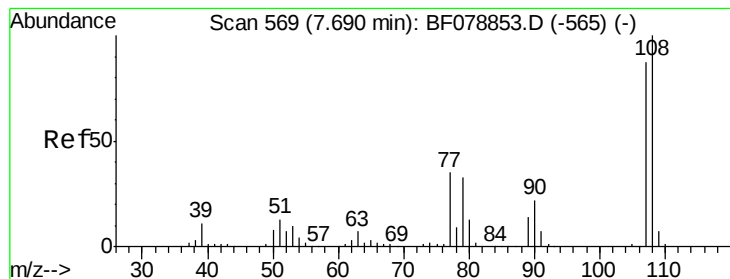


Abundance Ion 45.00 (44.70 to 45.70): BF079359.D (-545) (-)

Ion 77.00 (76.70 to 77.70): BF079359.D (-545) (-)

Ion 79.00 (78.70 to 79.70): BF079359.D (-545) (-)

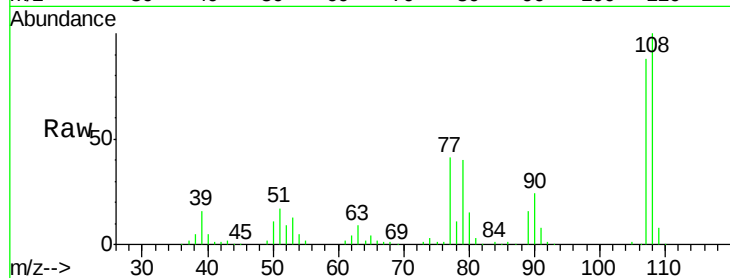




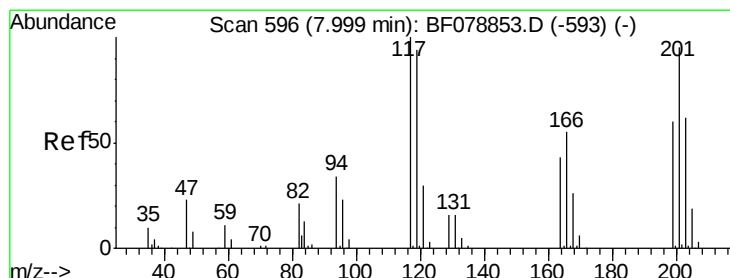
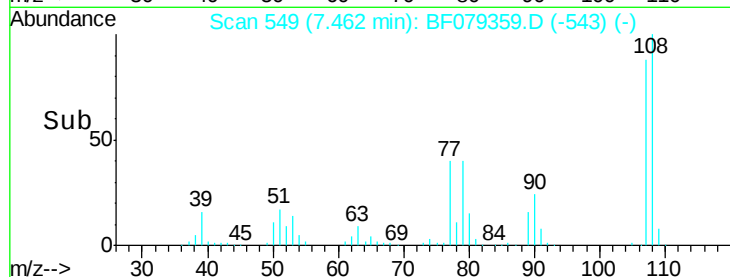
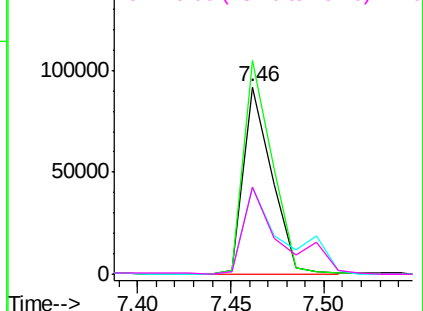
#17
2-Methylphenol
Concen: 44.11 ng
RT: 7.46 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Tot Ion:	107	Resp:	97506
Ion	Ratio	Lower	Upper
107	100		
108	114.0	92.4	138.6
77	46.3	32.6	49.0
79	46.2	30.9	46.3

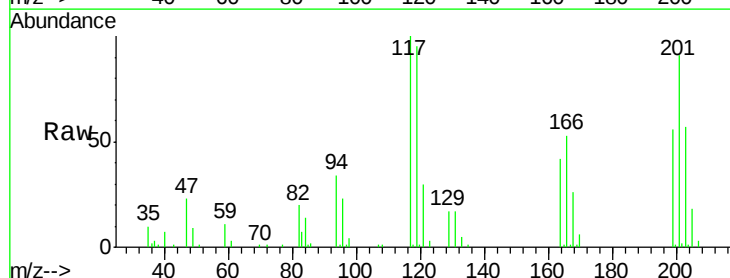


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

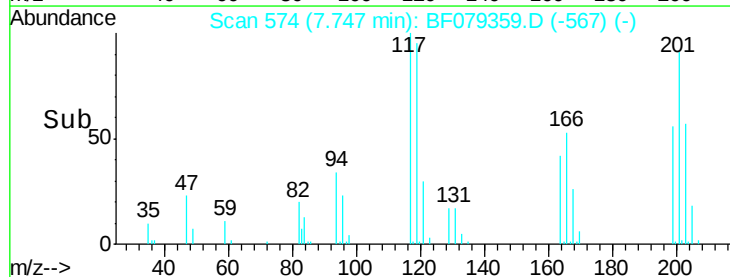
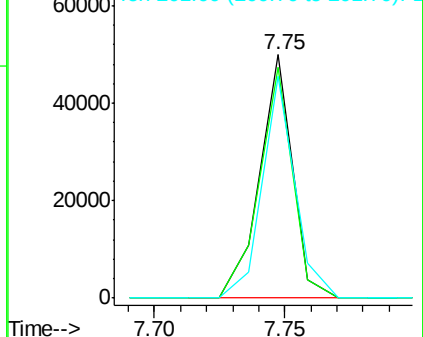


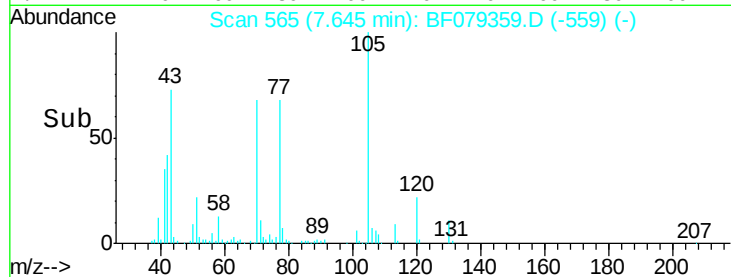
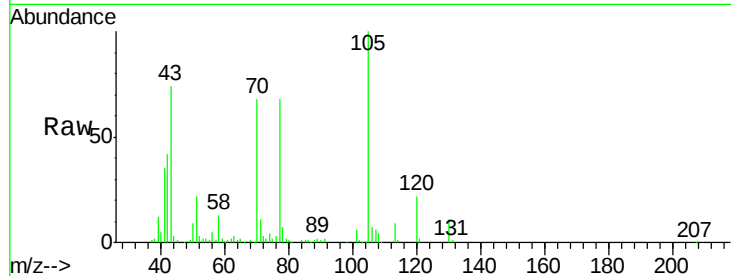
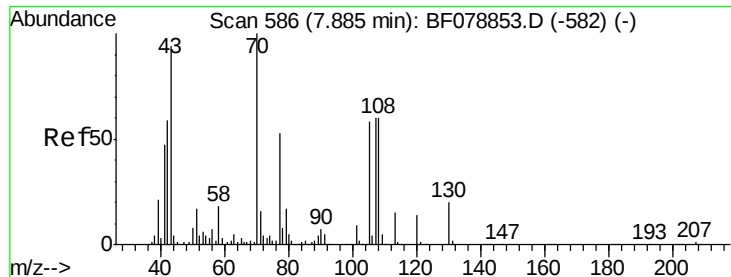
#18
Hexachloroethane
Concen: 40.43 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:	117	Resp:	44248
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.2	112.8
201	91.3	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

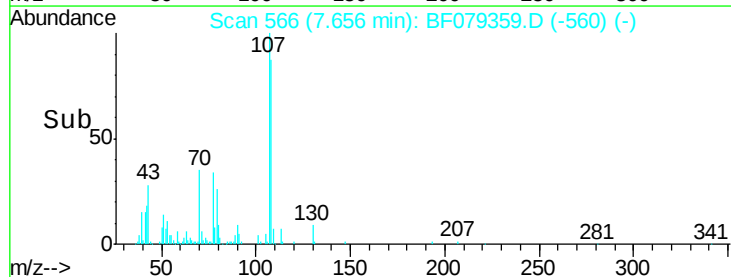
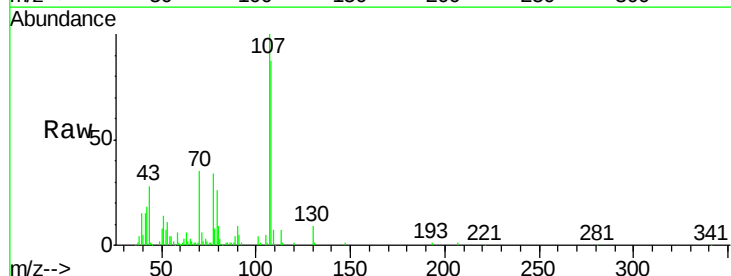
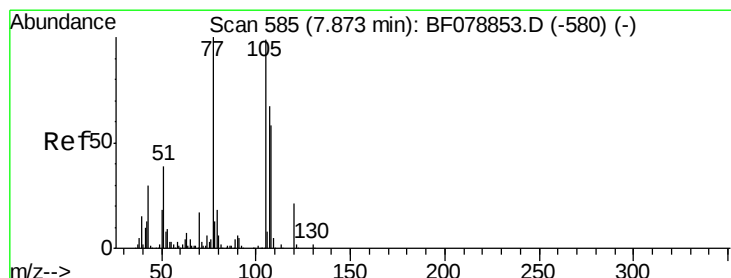
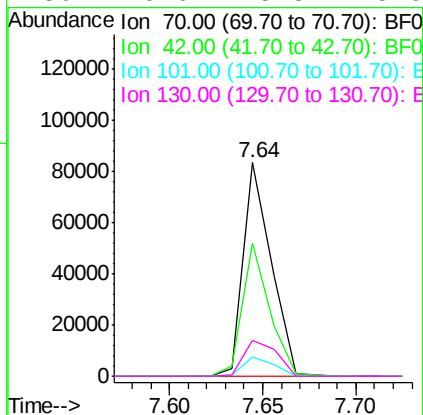




#19
n-Nitroso-di-n-propylamine
Concen: 40.16 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

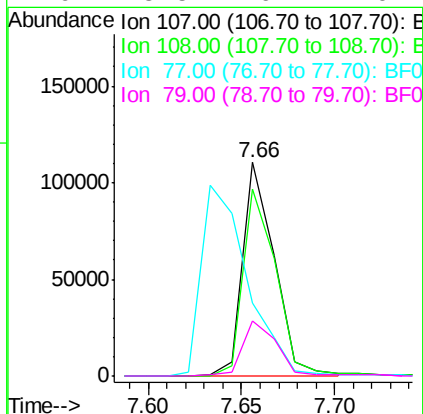
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

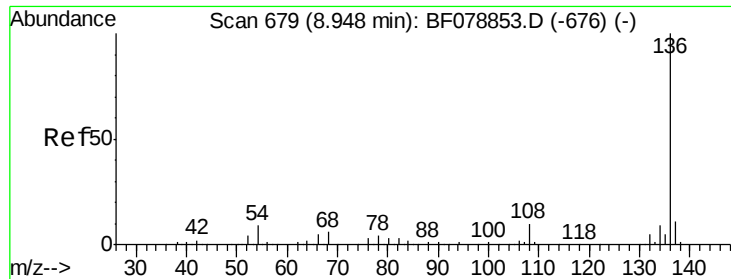
Tot Ion: 70 Resp: 86838
Ion Ratio Lower Upper
70 100
42 62.6 47.3 70.9
101 8.7 7.5 11.3
130 16.6 15.8 23.6



#20
3+4-Methylphenols
Concen: 44.72 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion: 107 Resp: 131722
Ion Ratio Lower Upper
107 100
108 87.2 66.5 106.5
77 34.0 130.6 170.6#
79 25.5 6.4 46.4

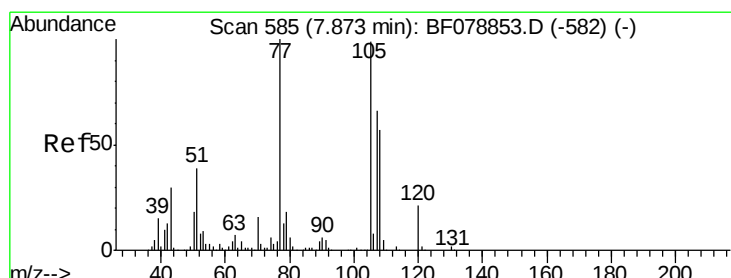
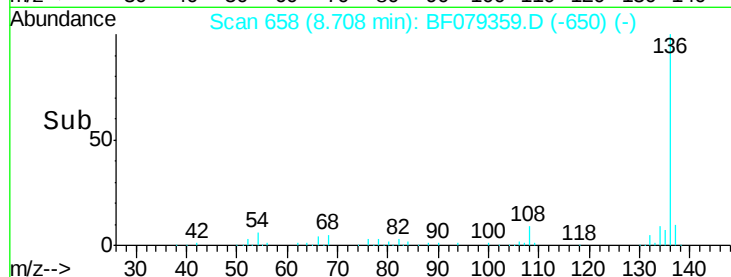
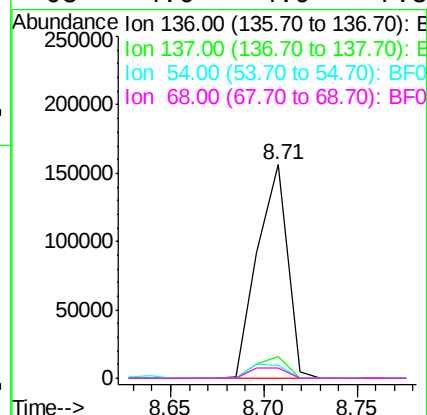
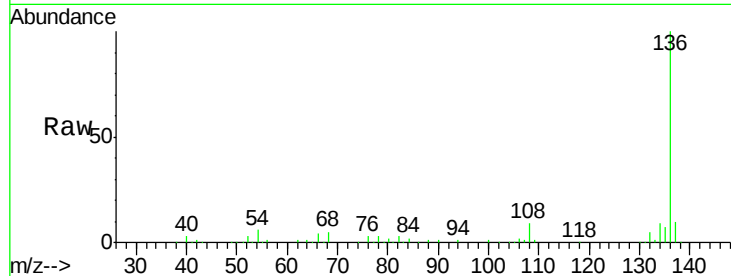




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

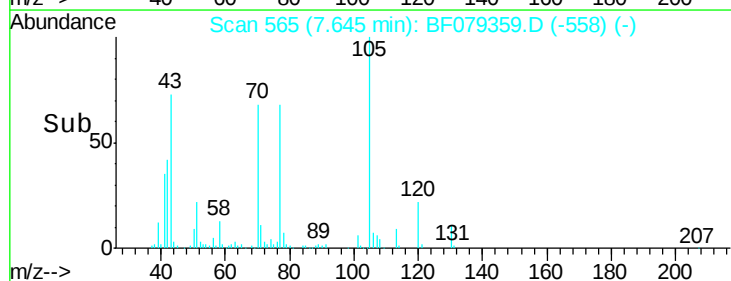
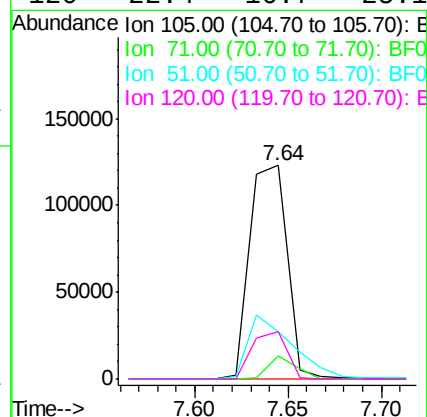
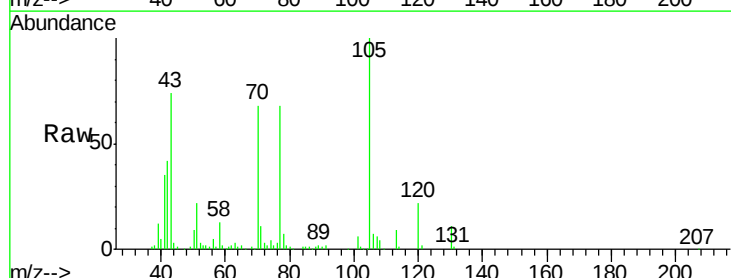
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

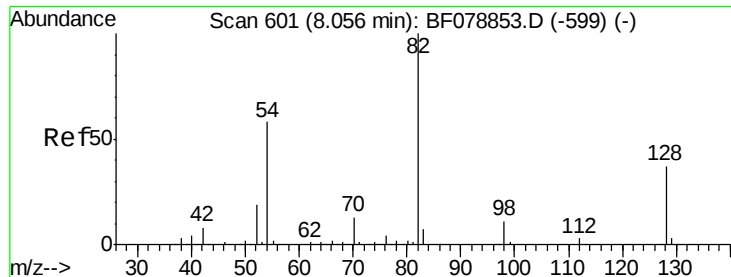
Tot Ion:136	Resp:	174499
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.8	13.2
54 6.1	6.9	10.3#
68 4.6	4.9	7.3#



#22
Acetophenone
Concen: 43.67 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:105	Resp:	172177
Ion Ratio	Lower	Upper
105 100		
71 11.1	2.2	3.4#
51 22.0	31.1	46.7#
120 22.4	16.7	25.1

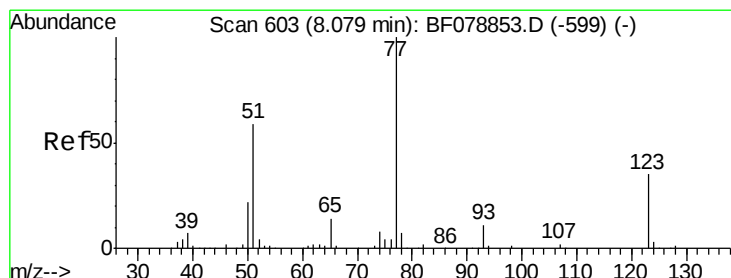
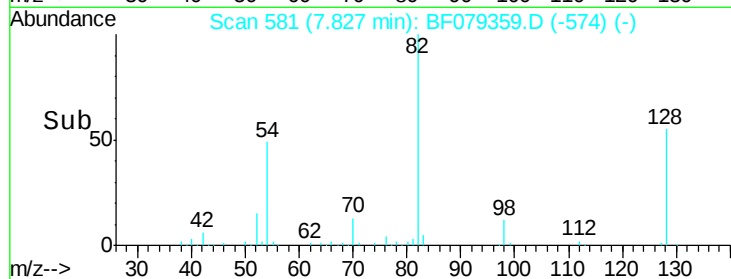
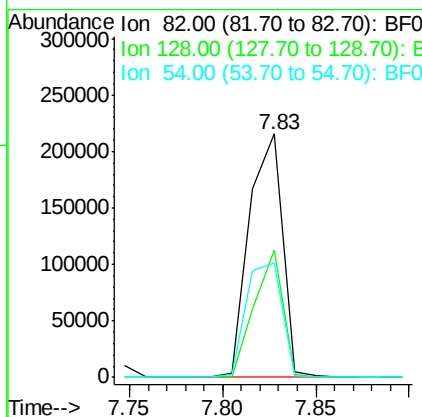
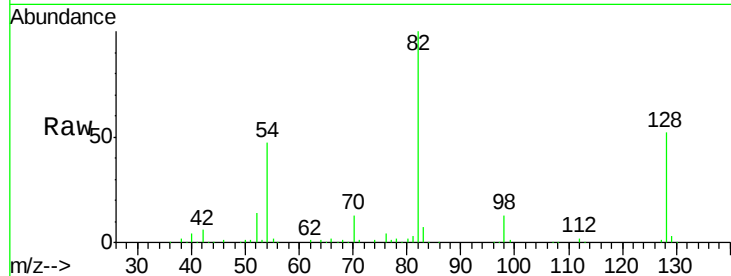




#23
 Nitrobenzene-d5
 Concen: 88.67 ng
 RT: 7.83 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

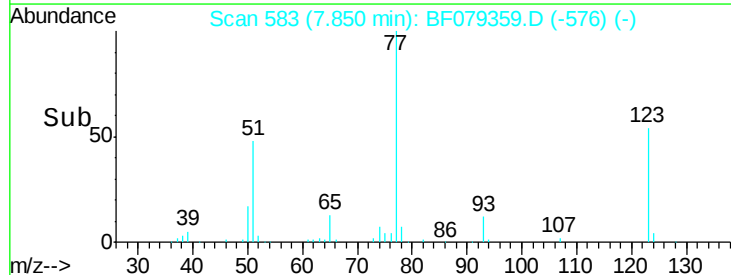
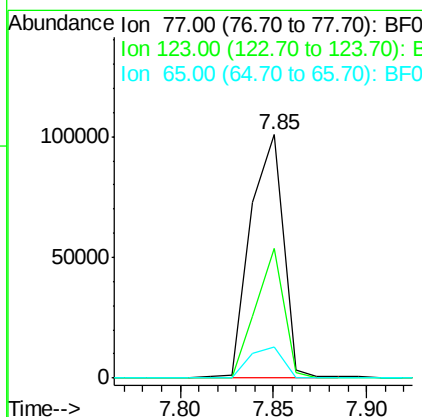
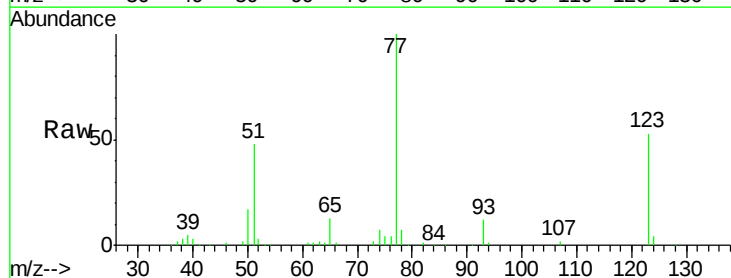
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

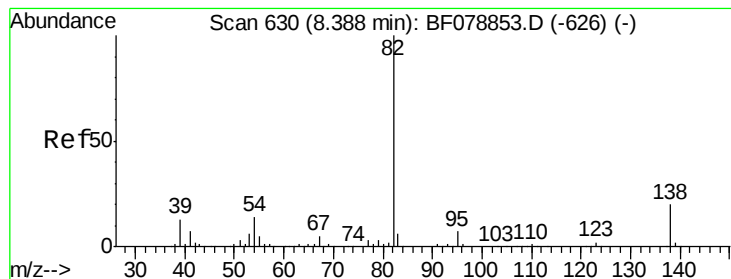
Tot Ion	82	Resp	269215
Ion Ratio	100	Lower	Upper
128	52.2	29.7	44.5#
54	47.1	46.2	69.4



#24
 Nitrobenzene
 Concen: 41.07 ng
 RT: 7.85 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion	77	Resp	123608
Ion Ratio	100	Lower	Upper
123	53.4	28.3	42.5#
65	12.6	11.0	16.4





#25

Isophorone

Concen: 42.26 ng

RT: 8.15 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

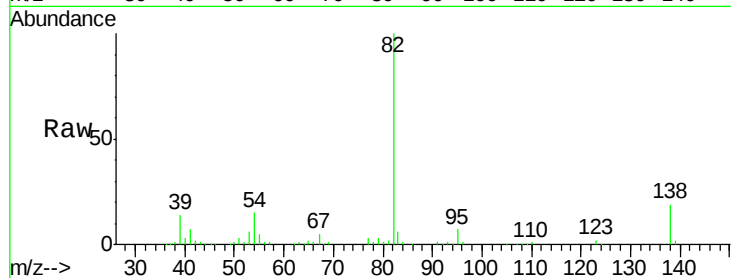
Tot Ion: 82 Resp: 237877

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 19.5 16.1 24.1

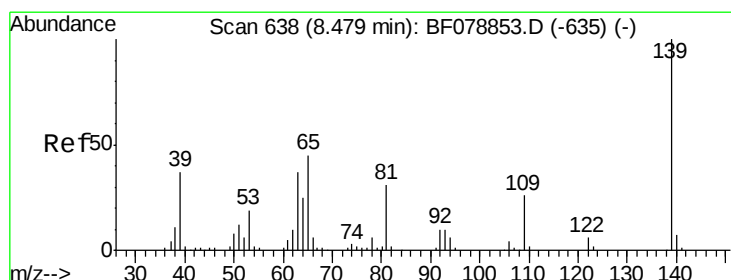
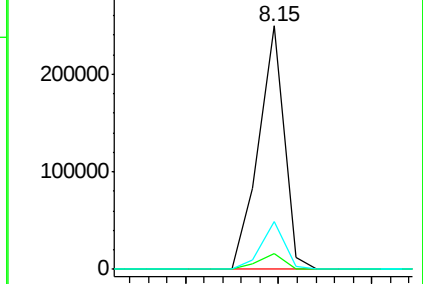
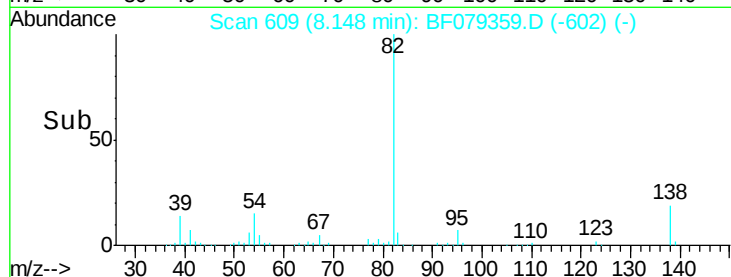


Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-626) (-)

Ion 95.00 (94.70 to 95.70): BF078853.D (-626) (-)

Ion 138.00 (137.70 to 138.70): BF078853.D (-626) (-)

Time-->



#26

2-Nitrophenol

Concen: 48.37 ng

RT: 8.24 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

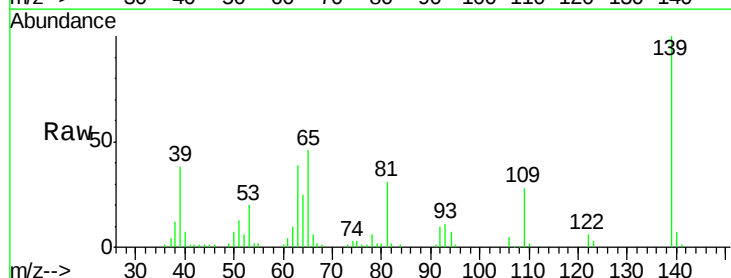
Tgt Ion: 139 Resp: 60253

Ion Ratio Lower Upper

139 100

109 27.9 20.9 31.3

65 46.1 35.8 53.8

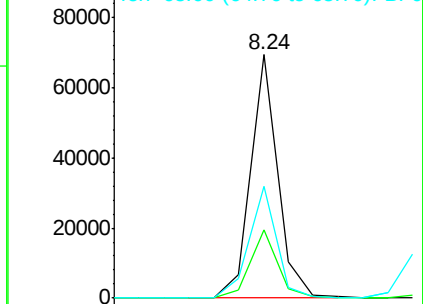
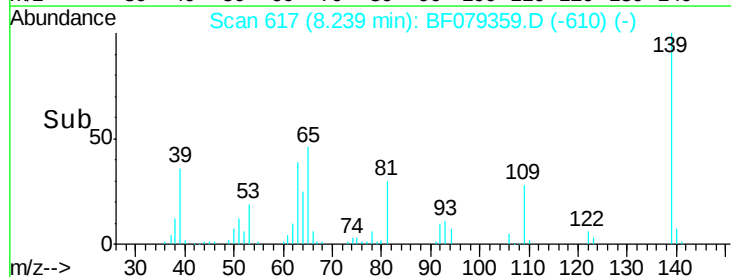


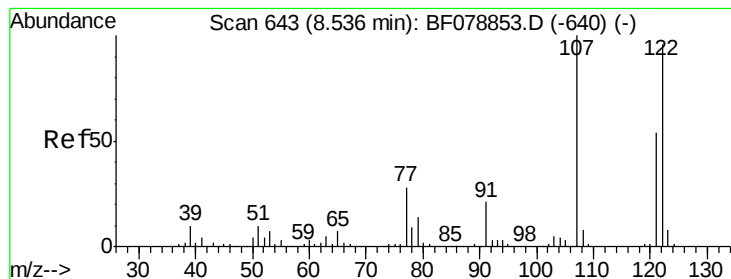
Abundance Ion 139.00 (138.70 to 139.70): BF078853.D (-635) (-)

Ion 109.00 (108.70 to 109.70): BF078853.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BF078853.D (-635) (-)

Time-->

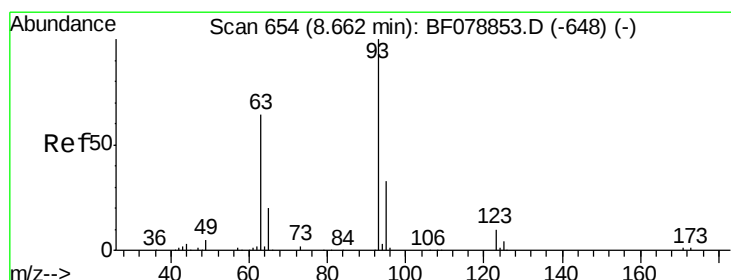
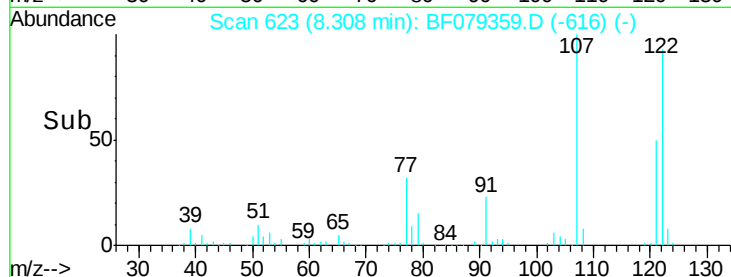
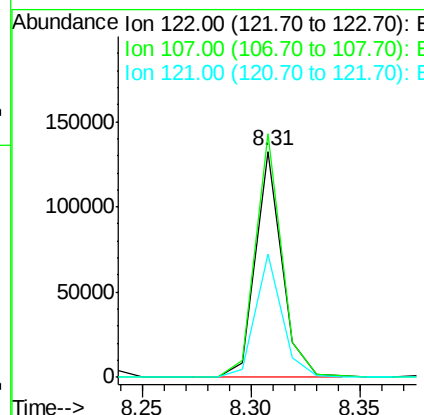
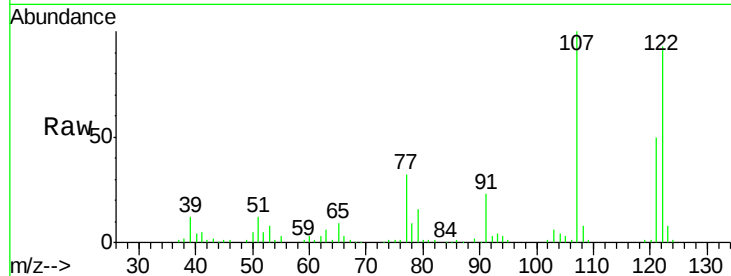




#27
 2,4-Dimethylphenol
 Concen: 45.22 ng
 RT: 8.31 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

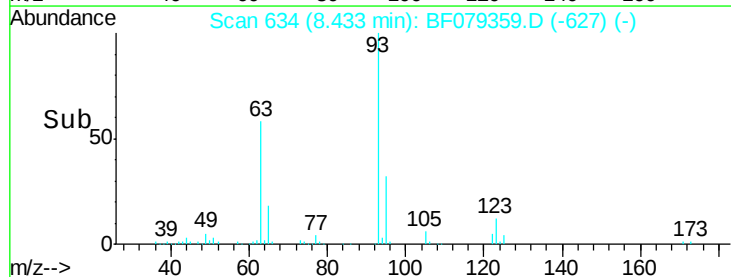
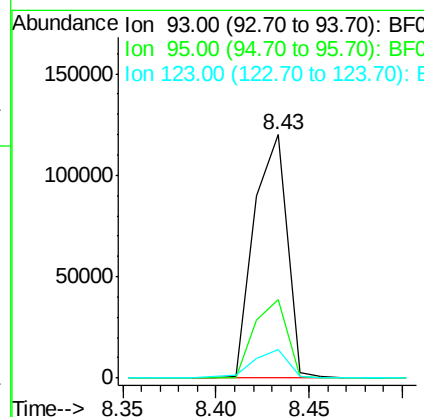
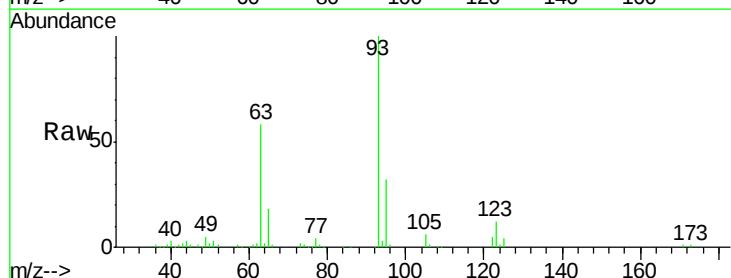
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

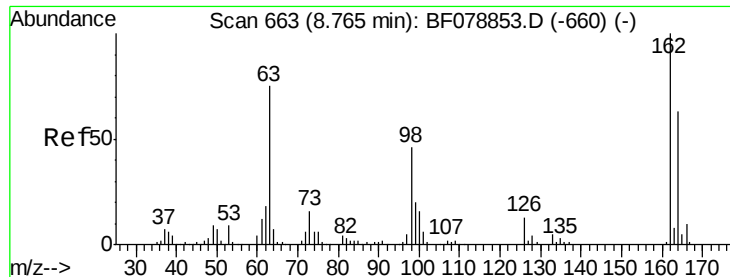
Tot Ion:122 Resp: 112728
 Ion Ratio Lower Upper
 122 100
 107 107.6 83.6 125.4
 121 54.3 44.9 67.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.38 ng
 RT: 8.43 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion: 93 Resp: 147069
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.2 39.2
 123 11.7 8.6 12.8

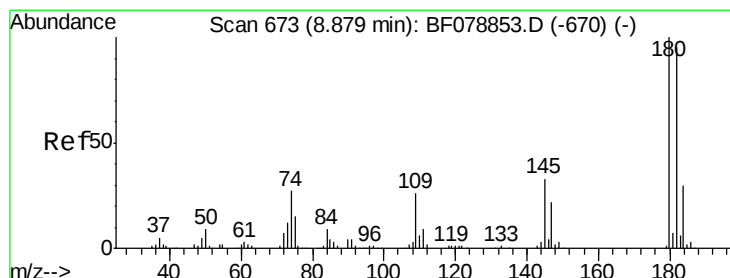
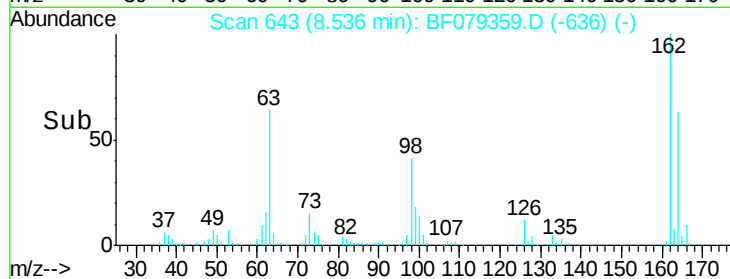
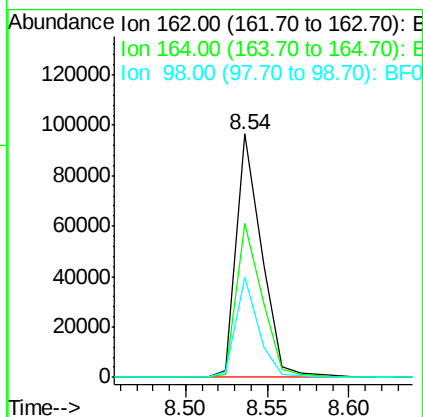
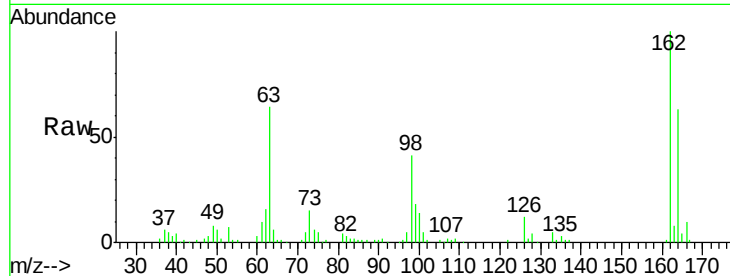




#29
 2,4-Dichlorophenol
 Concen: 46.72 ng
 RT: 8.54 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

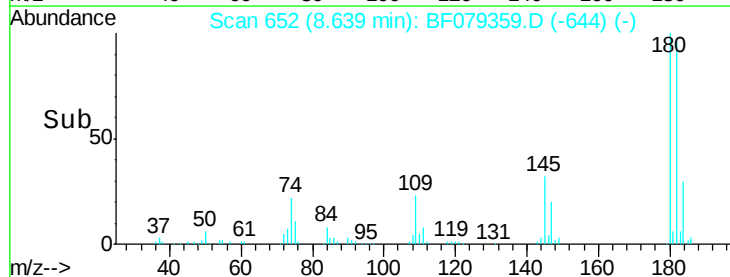
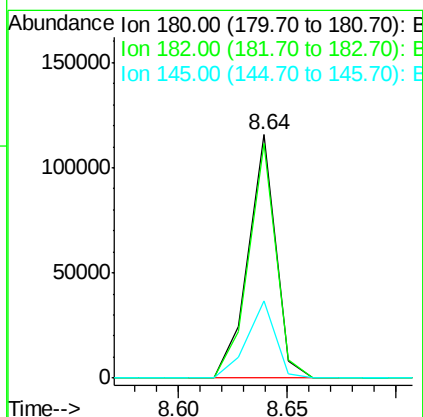
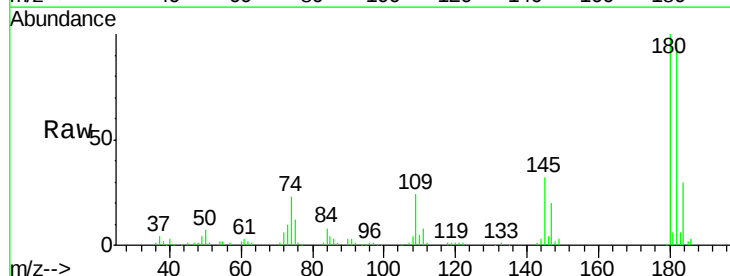
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

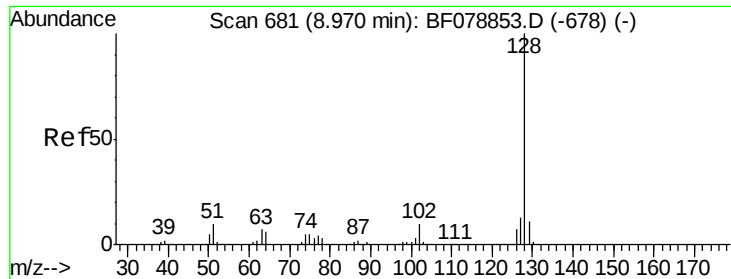
Tot Ion:162 Resp: 103552
 Ion Ratio Lower Upper
 162 100
 164 63.3 42.7 82.7
 98 41.1 26.3 66.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.86 ng
 RT: 8.64 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:180 Resp: 101928
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.7 113.5
 145 31.8 26.2 39.4

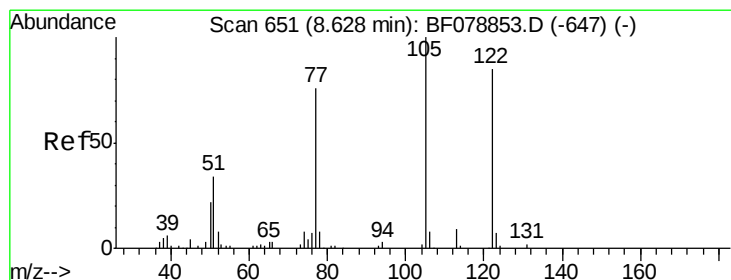
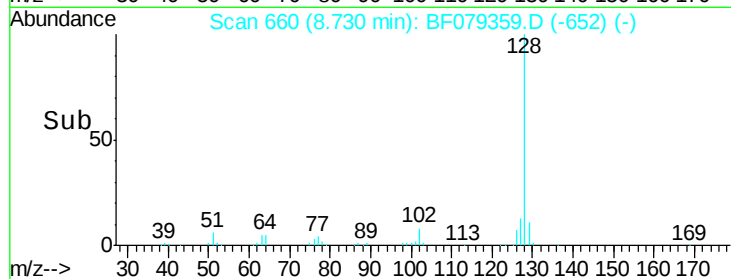
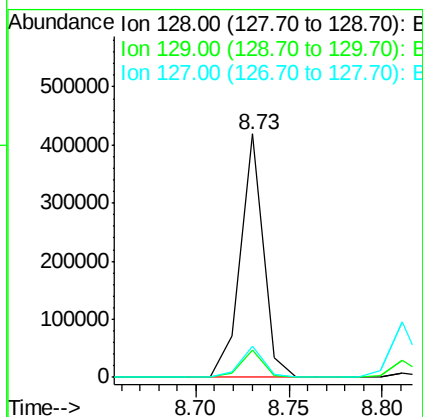
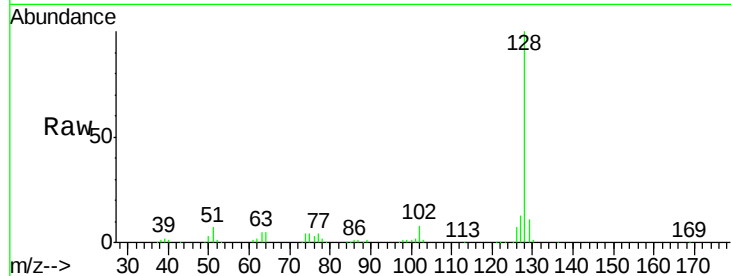




#31
Naphthalene
Concen: 43.42 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

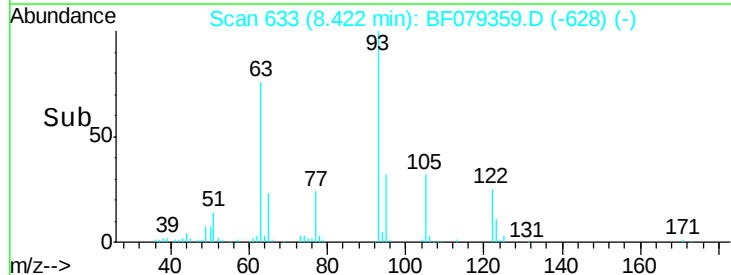
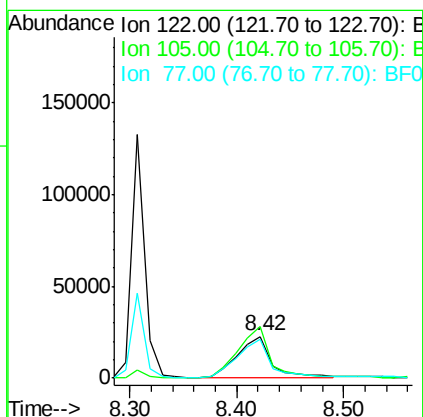
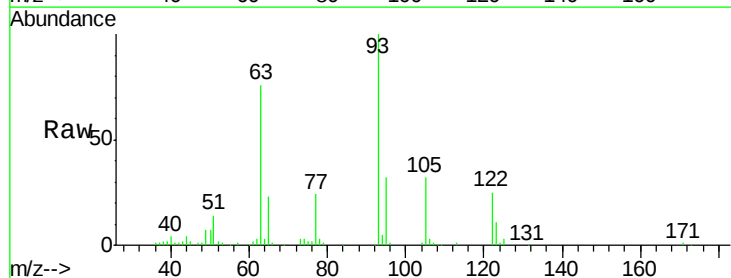
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

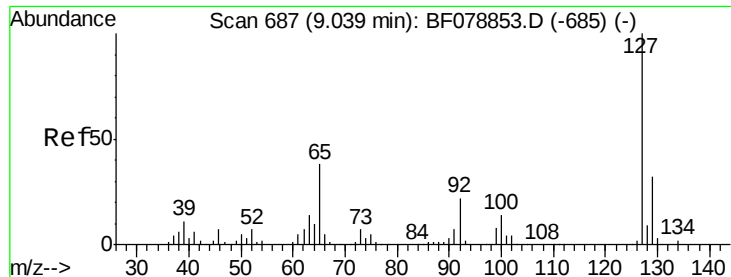
Tot Ion:128 Resp: 361025
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 34.59 ng m
RT: 8.42 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:122 Resp: 50844
Ion Ratio Lower Upper
122 100
105 124.1 100.7 140.7
77 92.3 72.0 112.0

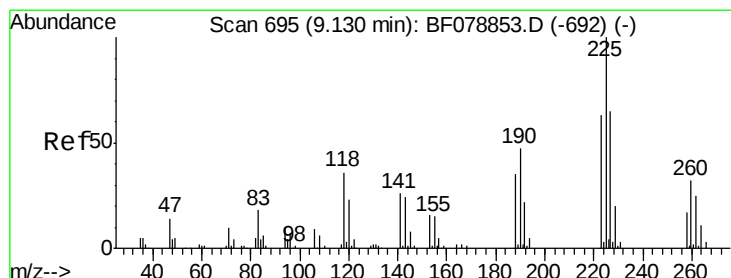
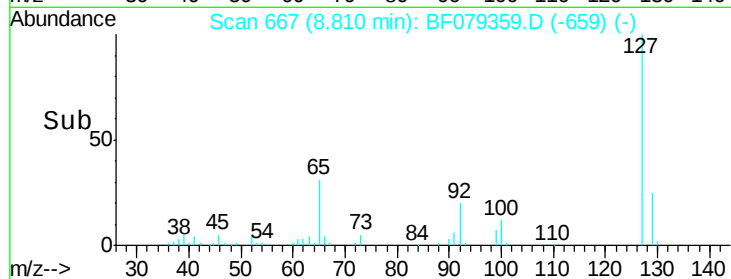
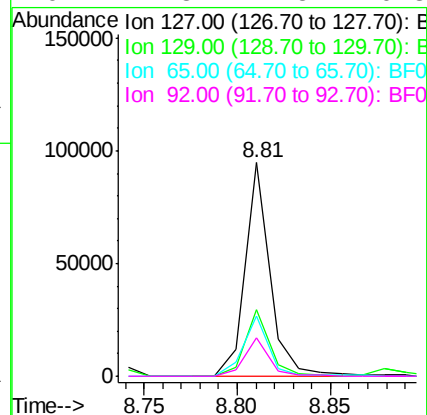
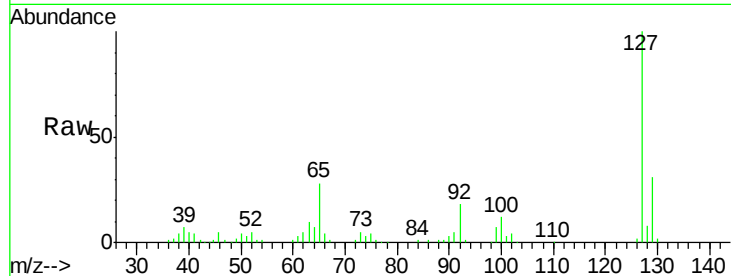




#33
4-Chloroaniline
Concen: 25.28 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

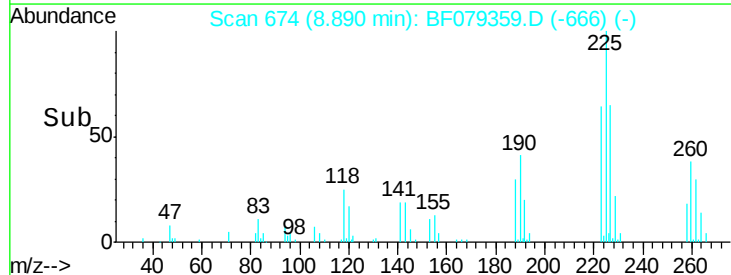
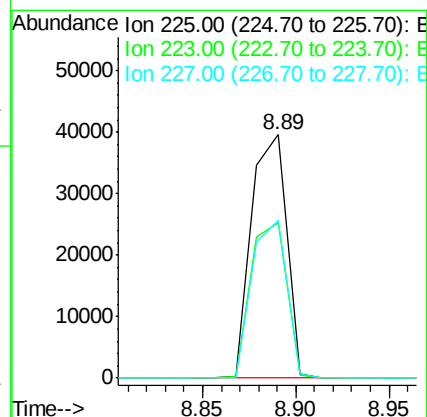
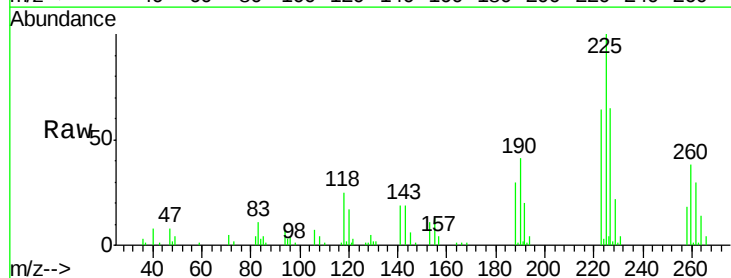
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

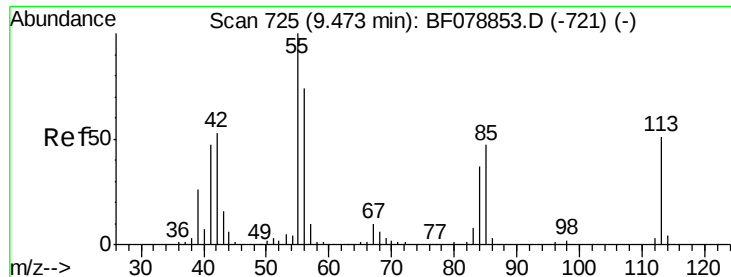
Tot Ion:	127	Resp:	88934
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.6	38.4
65	28.5	30.2	45.4#
92	17.8	17.5	26.3



#34
Hexachlorobutadiene
Concen: 36.85 ng
RT: 8.89 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:	225	Resp:	51670
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	75.8
227	64.9	52.1	78.1

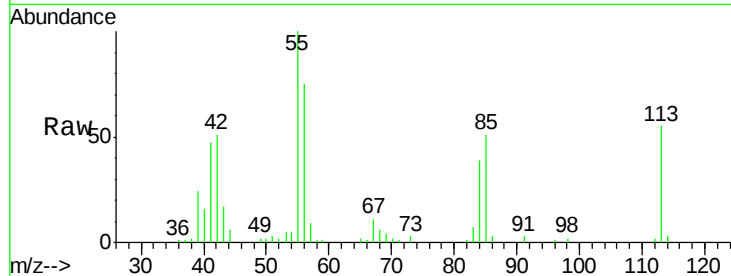




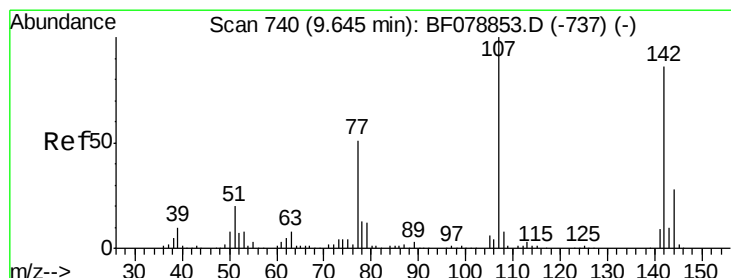
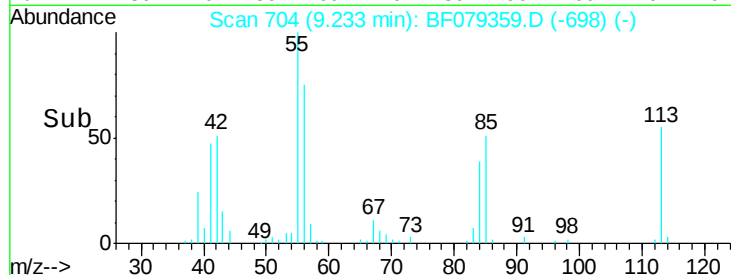
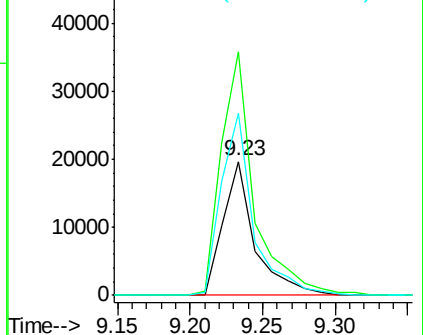
#35
 Caprolactam
 Concen: 41.26 ng
 RT: 9.23 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tot Ion:113 Resp: 29573
 Ion Ratio Lower Upper
 113 100
 55 181.8 176.0 216.0
 56 135.6 123.8 163.8

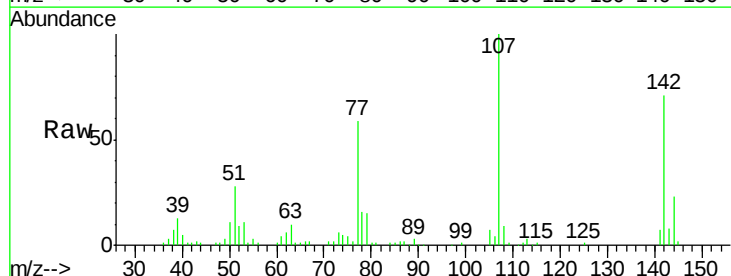


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

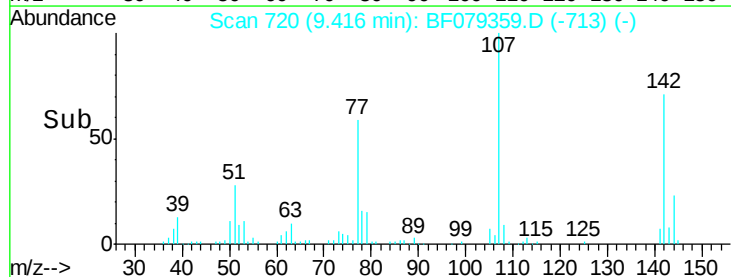
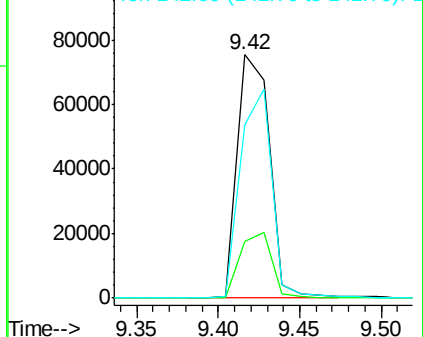


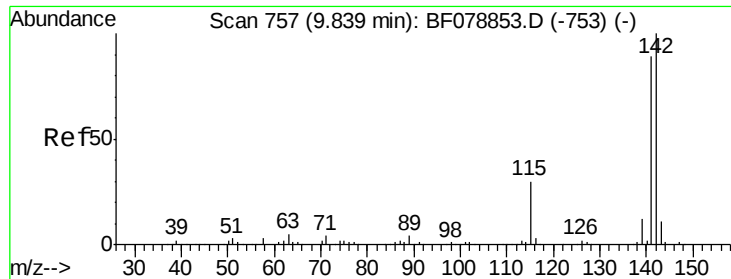
#36
 4-Chloro-3-methylphenol
 Concen: 44.45 ng
 RT: 9.42 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:107 Resp: 103474
 Ion Ratio Lower Upper
 107 100
 144 23.2 22.5 33.7
 142 71.1 68.6 103.0



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

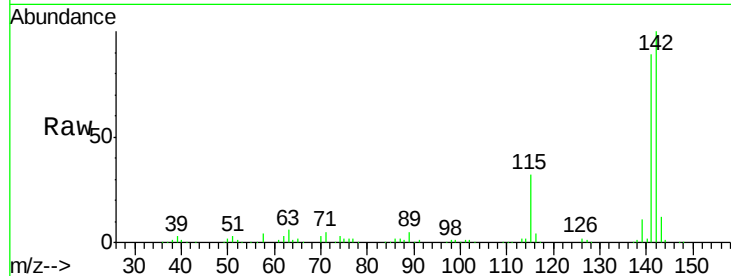




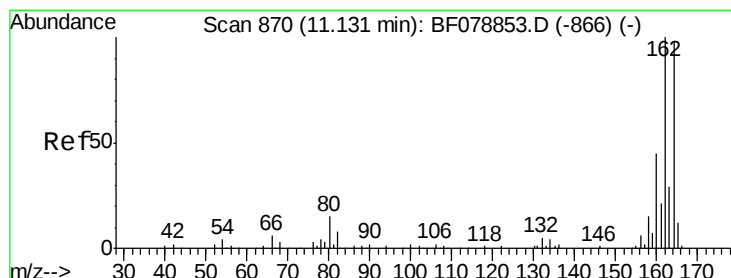
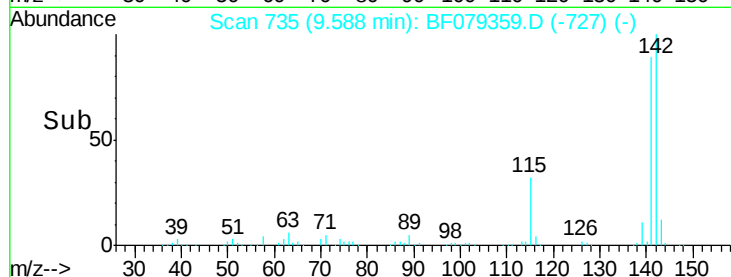
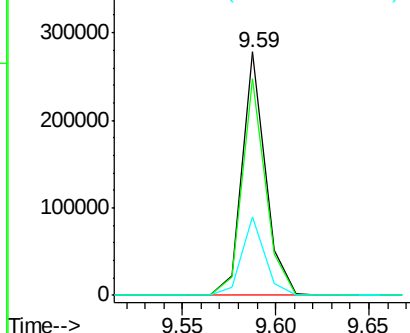
#37
2-Methylnaphthalene
Concen: 42.29 ng
RT: 9.59 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Tot Ion:142 Resp: 243641
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4
115 32.4 24.2 36.4

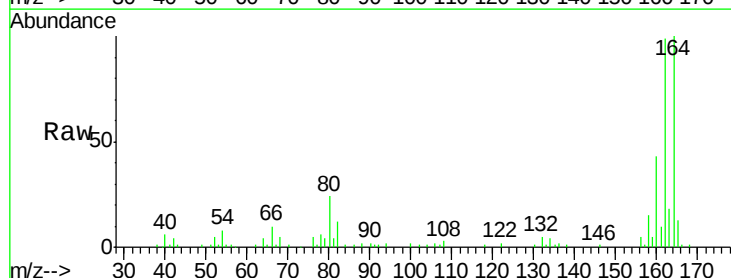


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

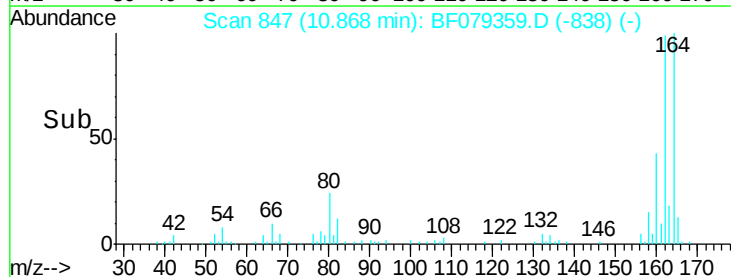
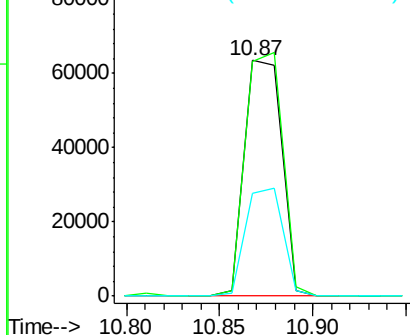


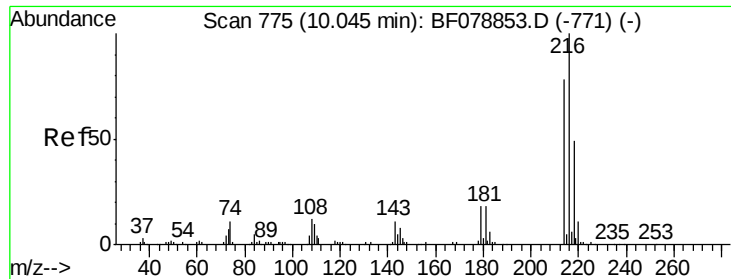
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:164 Resp: 88225
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 43.5 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

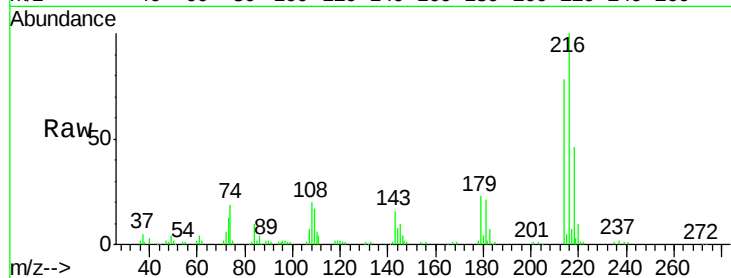




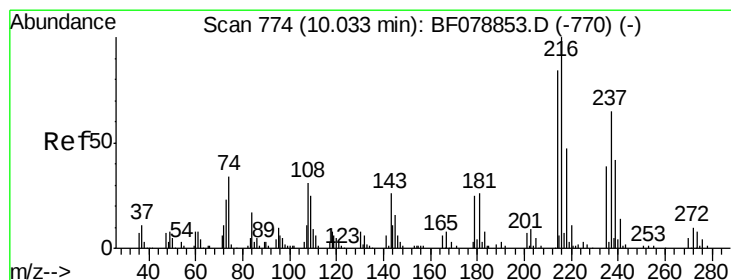
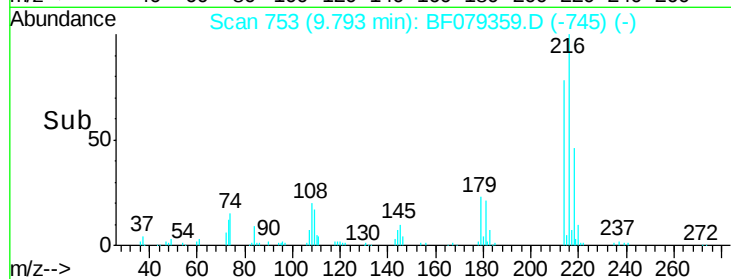
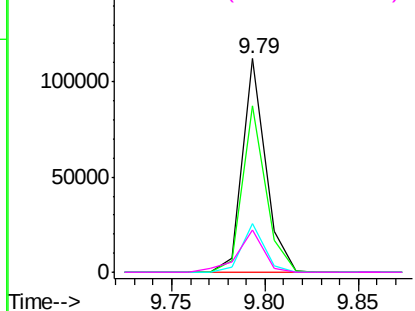
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.11 ng
 RT: 9.79 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tot Ion:216	Resp:	97178
Ion Ratio	Lower	Upper
216	100	
214	78.3	64.0 96.0
179	22.2	17.0 25.4
108	22.3	17.0 25.6

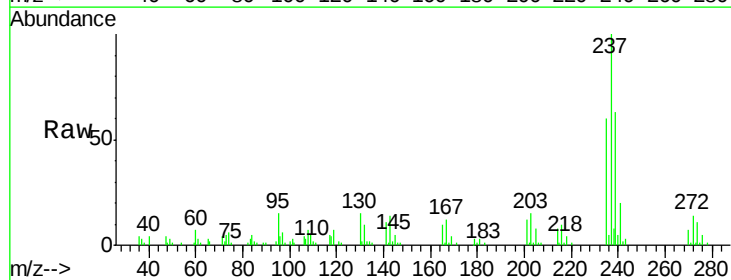


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

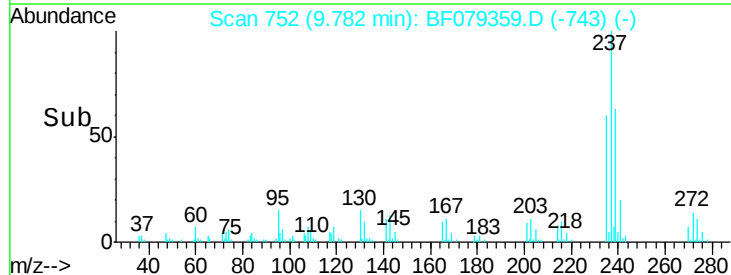
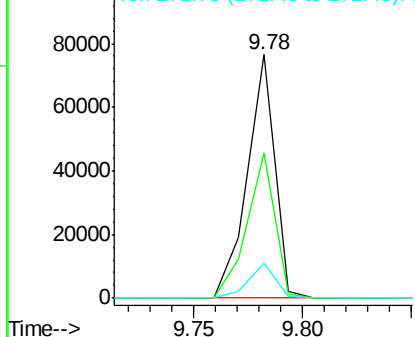


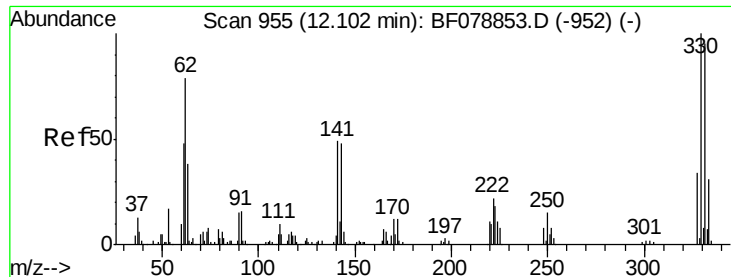
#40
 Hexachlorocyclopentadiene
 Concen: 53.71 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:237	Resp:	67108
Ion Ratio	Lower	Upper
237	100	
235	59.6	40.0 80.0
272	14.3	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

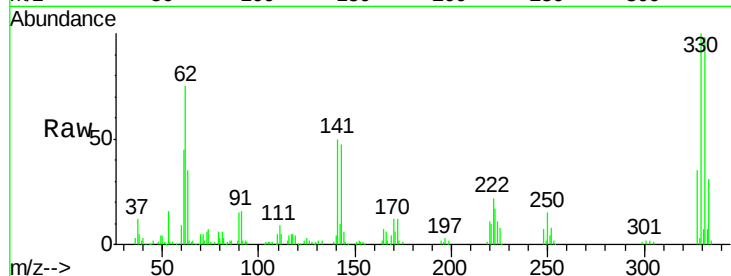




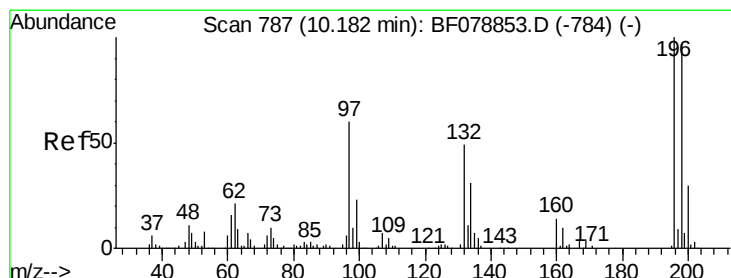
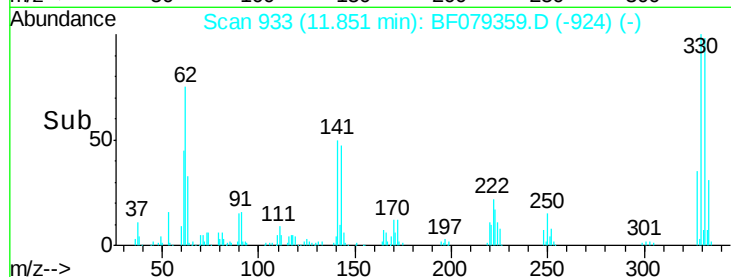
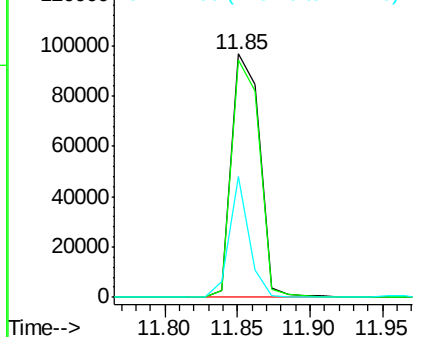
#41
 2,4,6-Tribromophenol
 Concen: 136.43 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tot Ion:330 Resp: 130212
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.9 115.3
 141 34.6 27.8 41.8

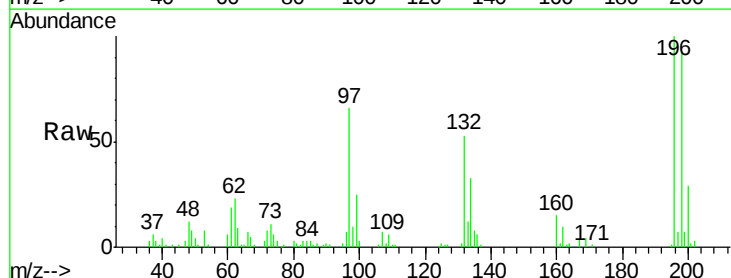


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

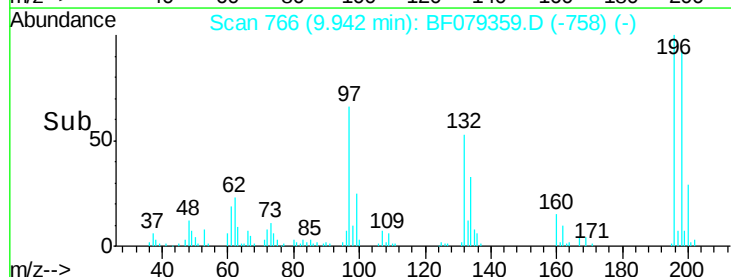
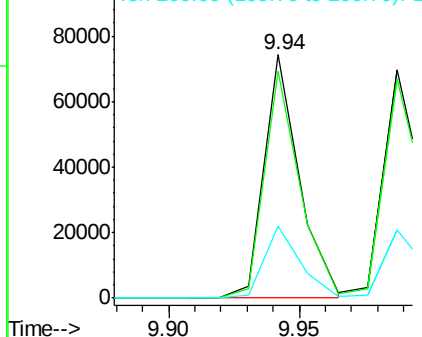


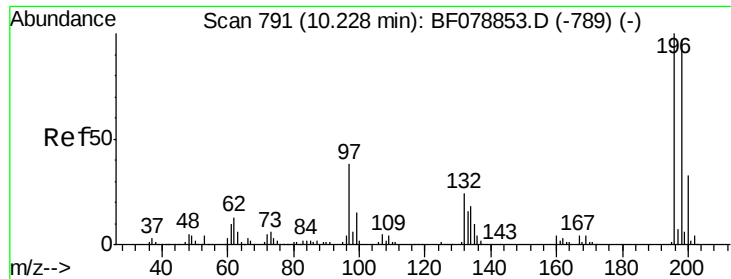
#42
 2,4,6-Trichlorophenol
 Concen: 40.90 ng
 RT: 9.94 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:196 Resp: 69865
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.4 116.2
 200 29.4 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

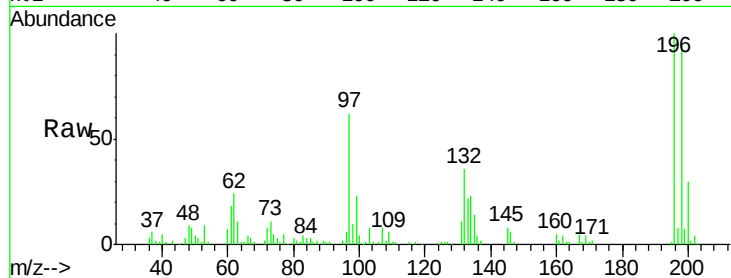




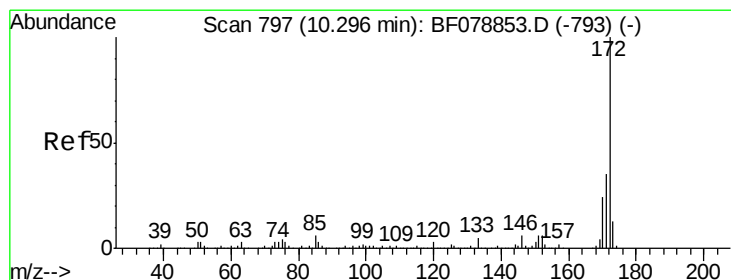
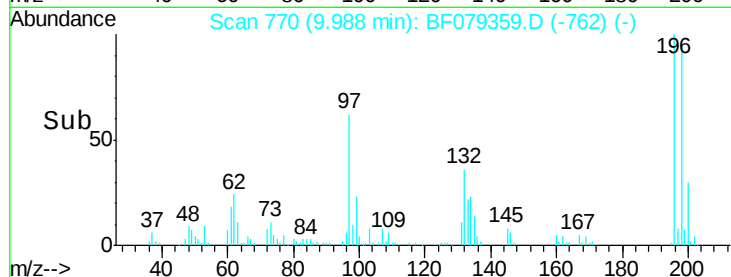
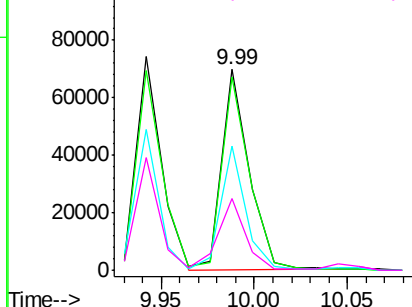
#43
 2,4,5-Trichlorophenol
 Concen: 41.27 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampled :
 SB-20MSD

Tot Ion:196 Resp: 71272
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.3 115.9
 97 62.2 31.3 46.9#
 132 35.8 19.7 29.5#

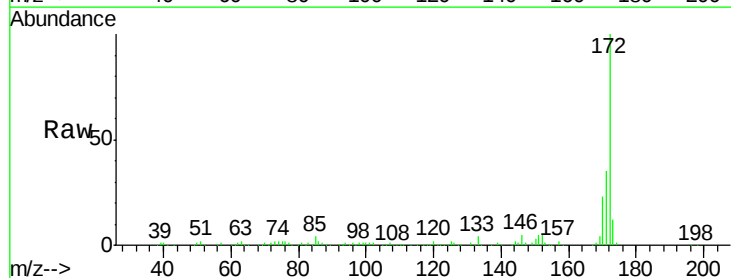


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

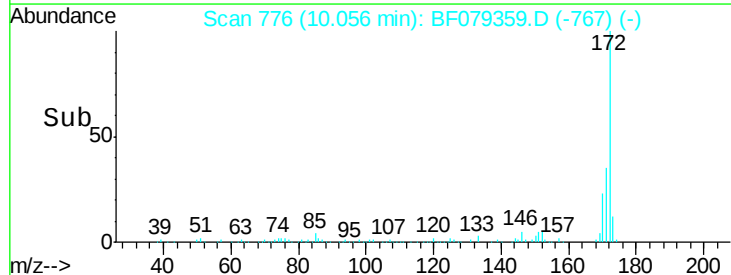
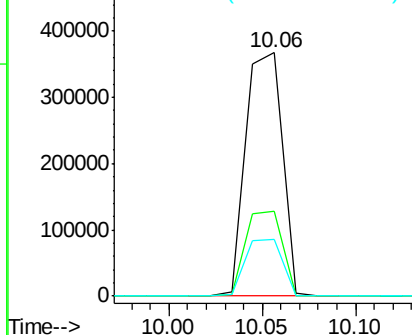


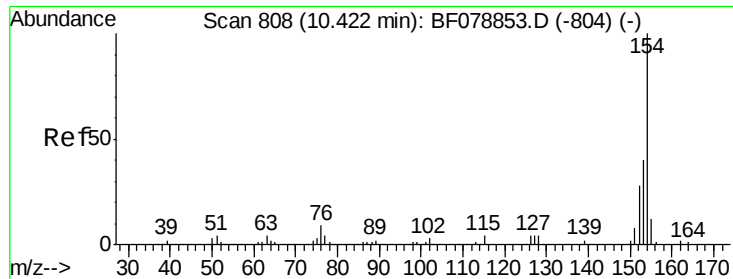
#44
 2-Fluorobiphenyl
 Concen: 79.08 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:172 Resp: 500757
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 23.4 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

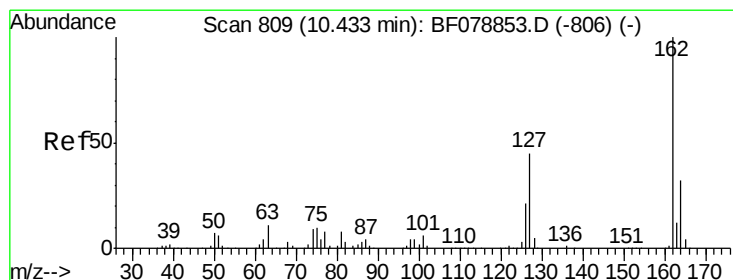
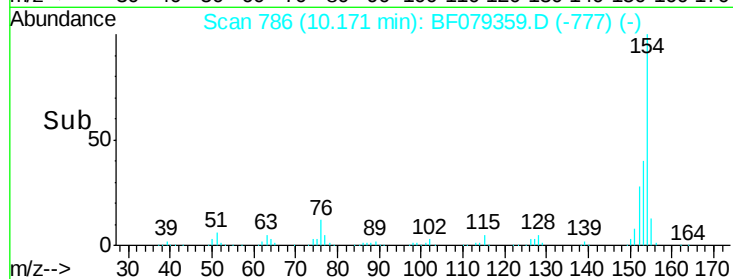
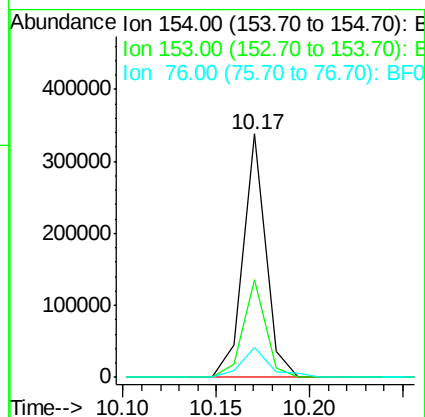
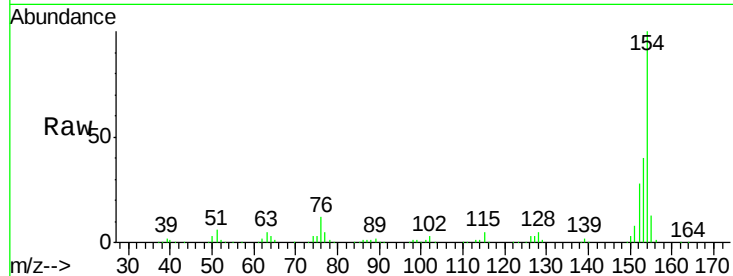




#45
1,1'-Biphenyl
Concen: 41.15 ng
RT: 10.17 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

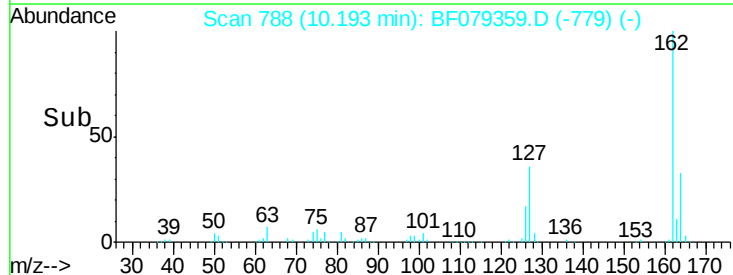
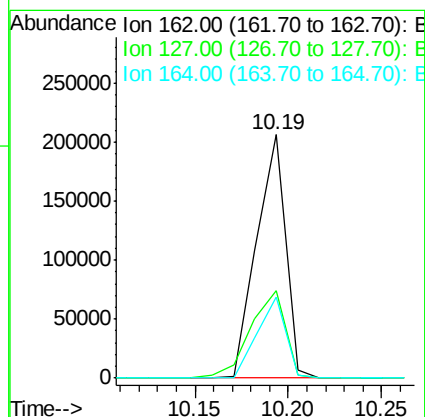
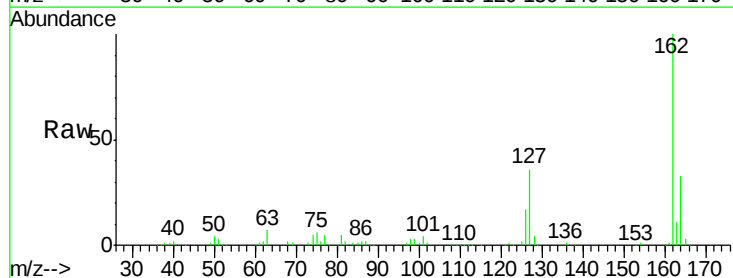
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

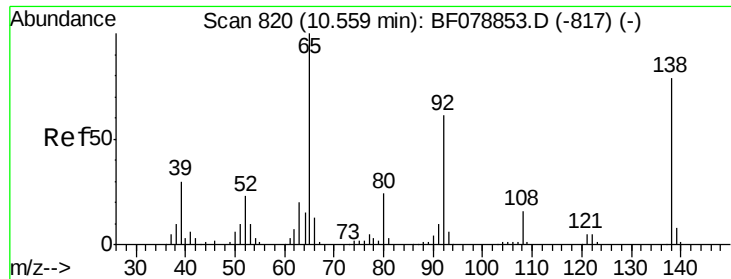
Tot Ion:154 Resp: 288599
Ion Ratio Lower Upper
154 100
153 40.1 19.7 59.7
76 12.1 0.0 29.1



#46
2-Chloronaphthalene
Concen: 40.47 ng
RT: 10.19 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:162 Resp: 221429
Ion Ratio Lower Upper
162 100
127 36.1 36.3 54.5#
164 33.3 25.9 38.9

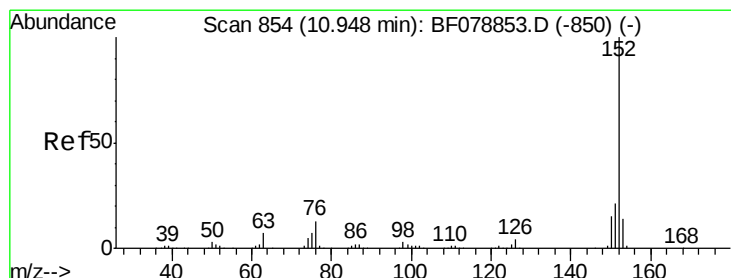
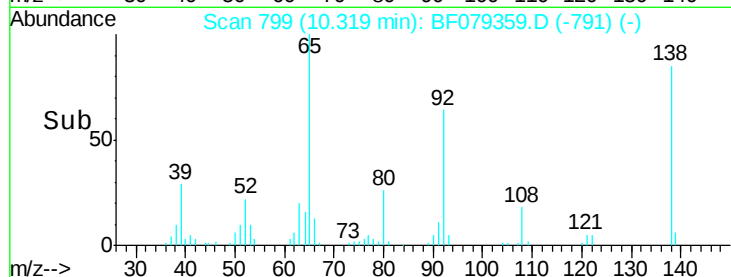
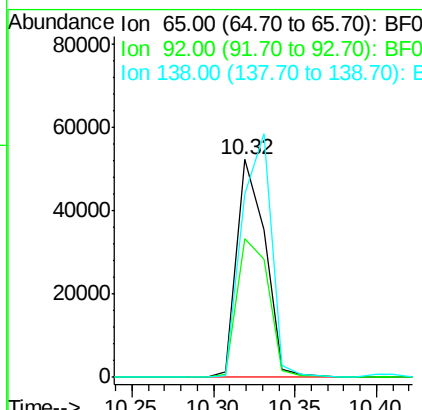
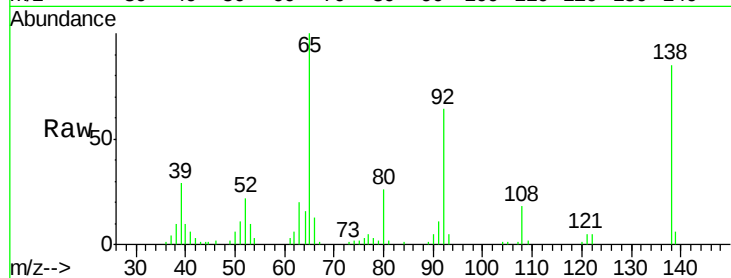




#47
 2-Nitroaniline
 Concen: 39.89 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

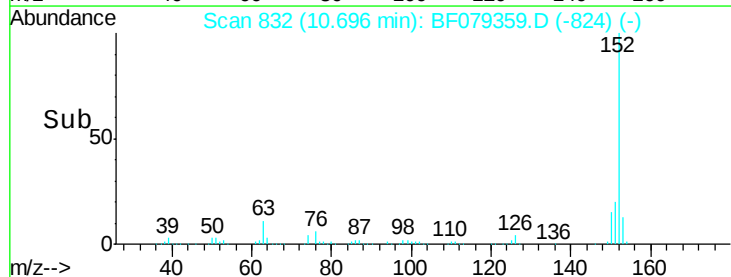
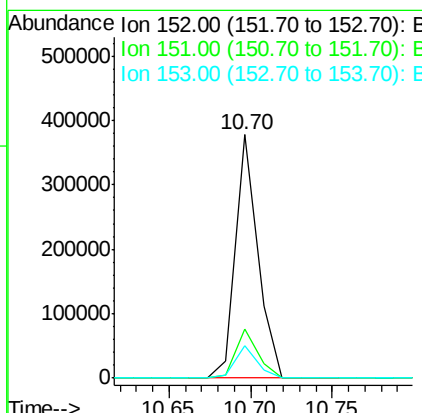
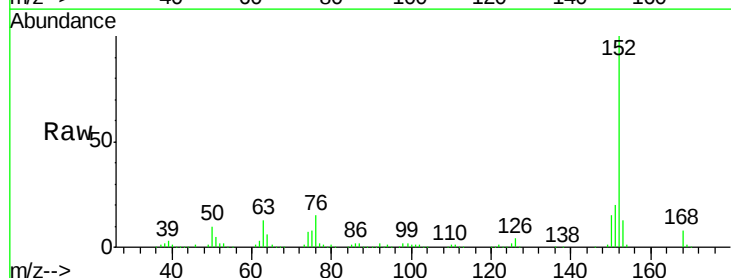
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

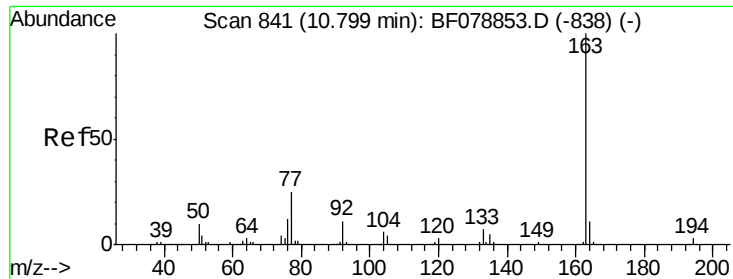
Tot Ion:	65	Resp:	63224
Ion	Ratio	Lower	Upper
65	100		
92	63.5	49.1	73.7
138	84.6	63.2	94.8



#48
 Acenaphthylene
 Concen: 39.59 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:	152	Resp:	355651
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8
153	13.2	11.0	16.6

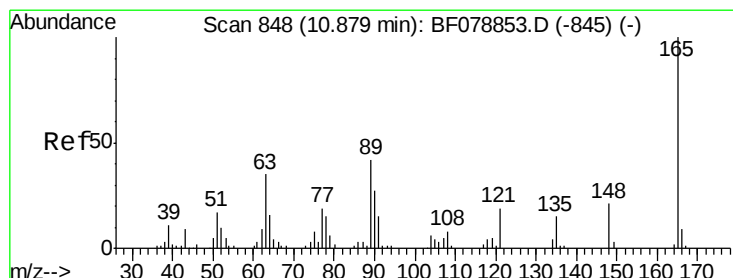
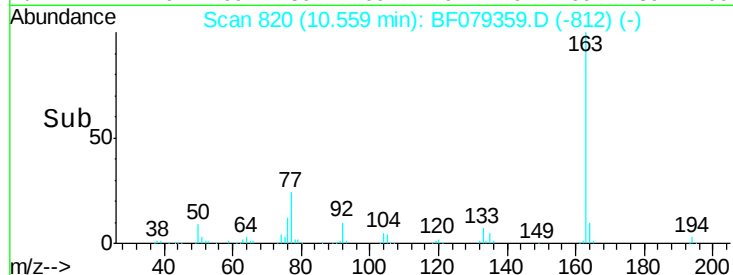
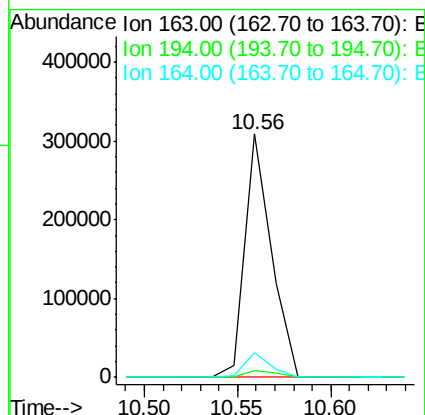
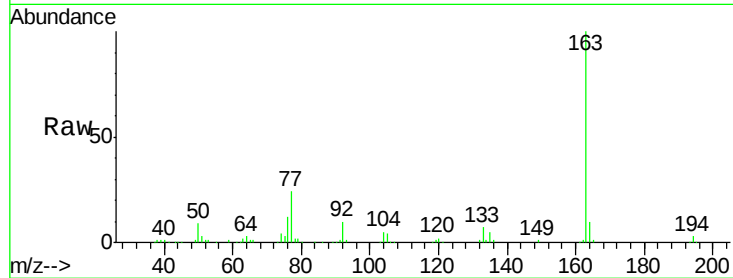




#49
Dimethylphthalate
Concen: 47.18 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

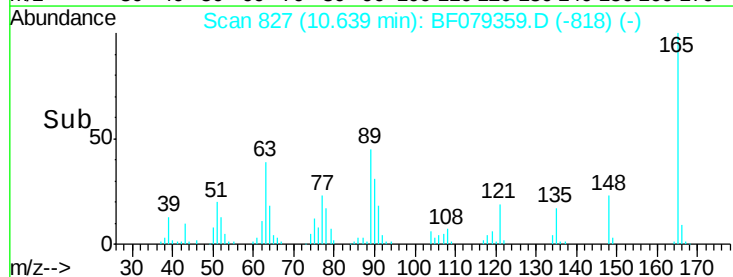
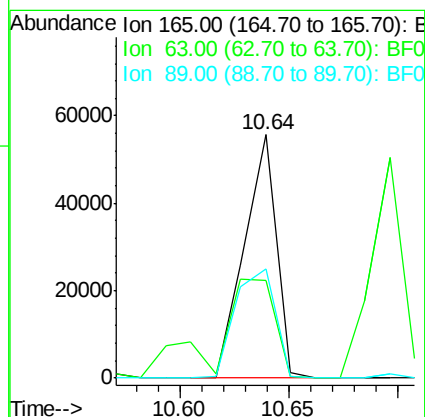
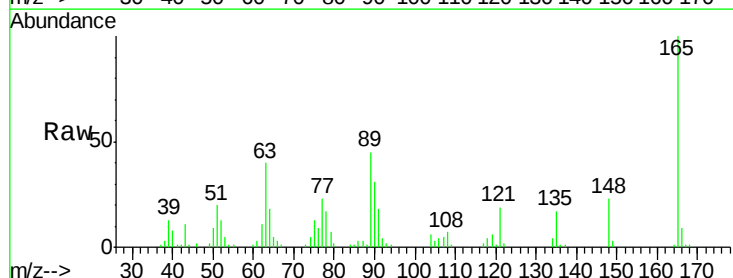
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

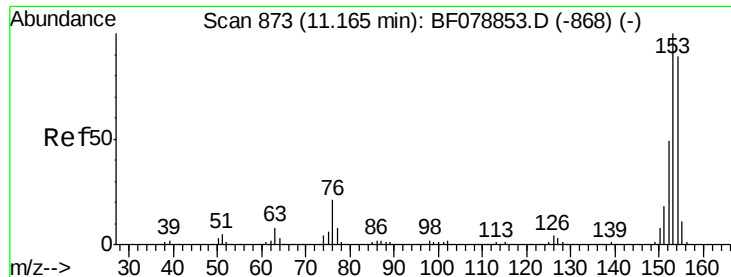
Tot Ion:163 Resp: 305516
Ion Ratio Lower Upper
163 100
194 3.0 2.4 3.6
164 10.3 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 44.41 ng
RT: 10.64 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:165 Resp: 56749
Ion Ratio Lower Upper
165 100
63 40.4 29.2 43.8
89 44.6 33.3 49.9





#51

Acenaphthene

Concen: 38.80 ng

RT: 10.91 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

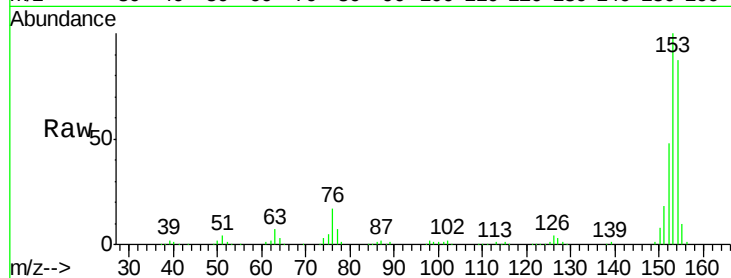
Tot Ion:154 Resp: 207837

Ion Ratio Lower Upper

154 100

153 114.5 90.2 135.2

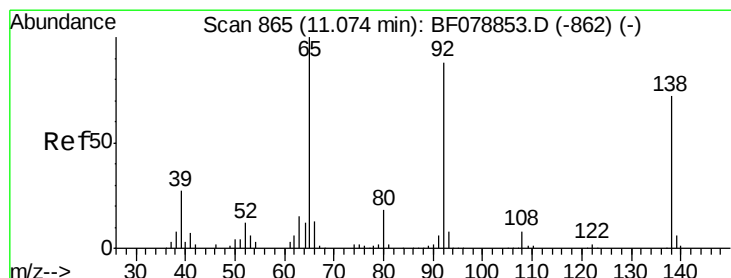
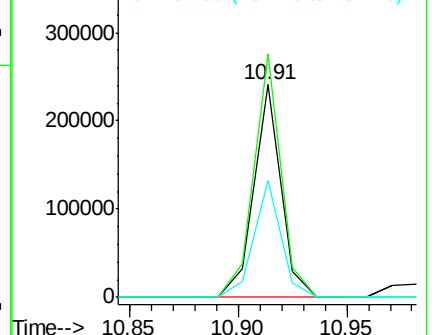
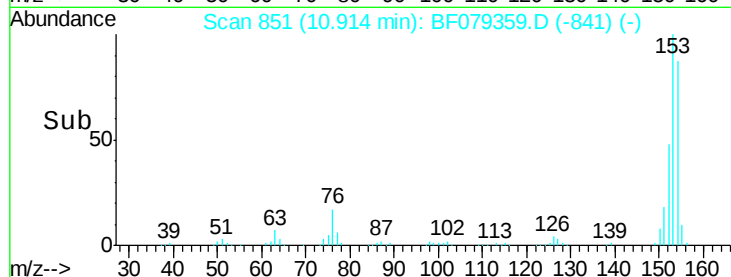
152 55.0 43.8 65.8



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: 34.11 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

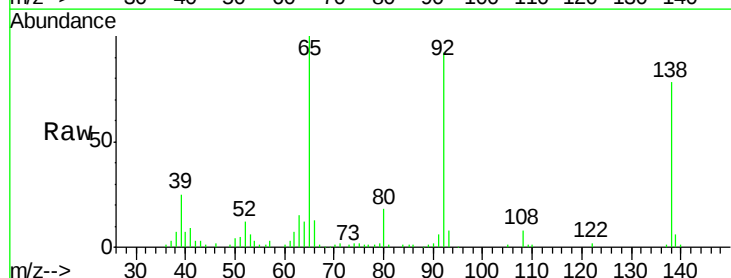
Tgt Ion:138 Resp: 54446

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

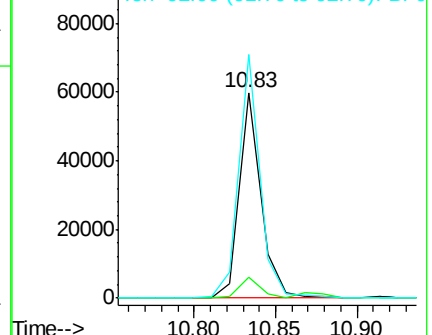
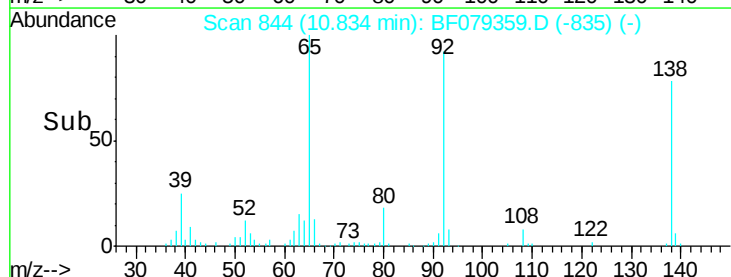
92 118.5 97.4 146.0

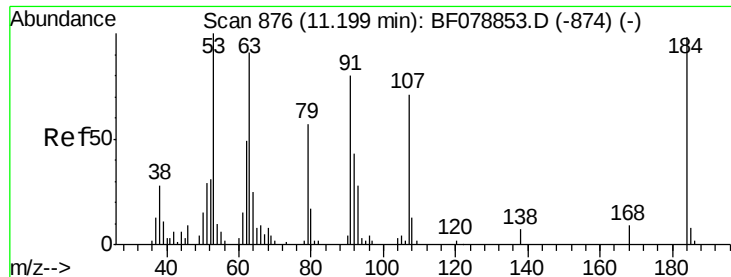


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

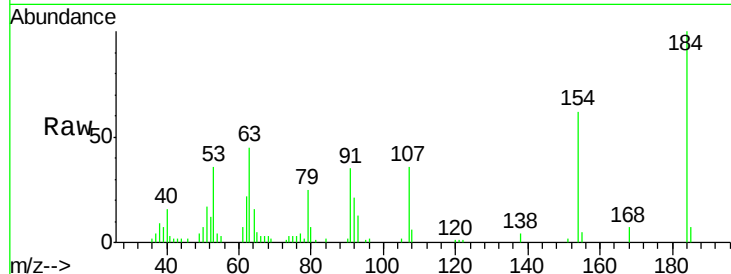




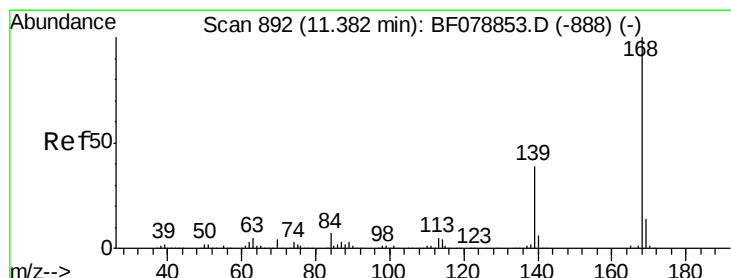
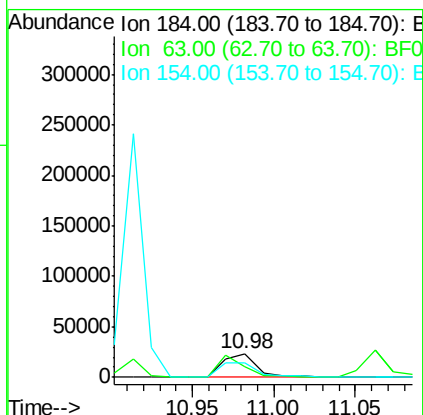
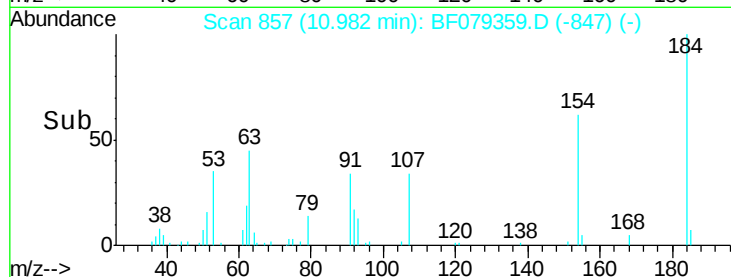
#53
 2,4-Dinitrophenol
 Concen: 69.96 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tot Ion:184 Resp: 34639
 Ion Ratio Lower Upper
 184 100
 63 45.2 98.8 148.2#
 154 61.9 63.4 95.0#

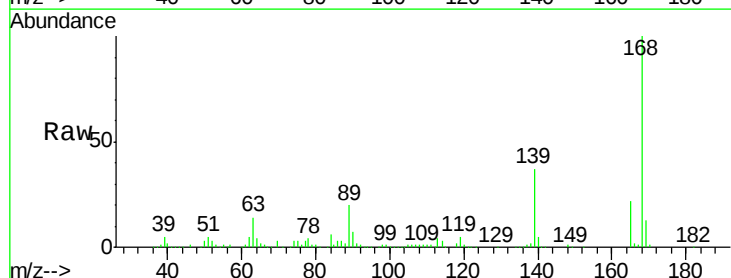


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

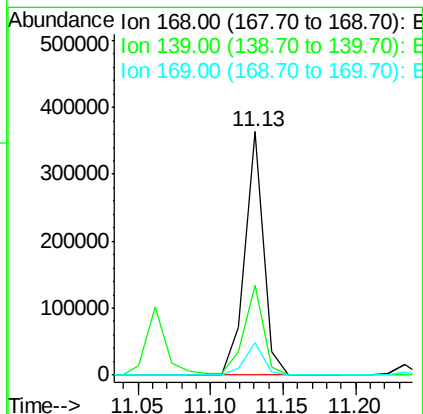
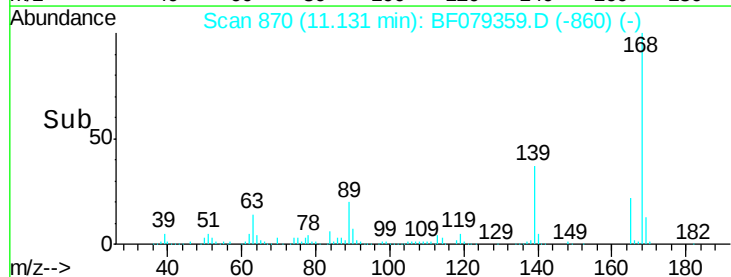


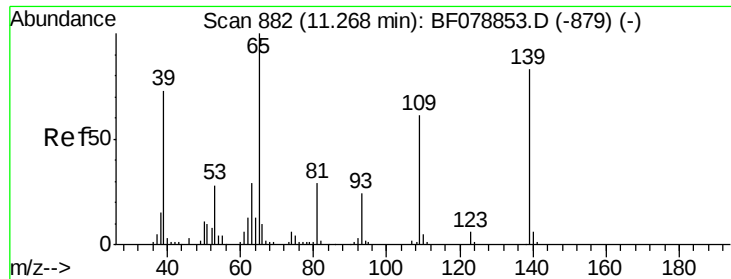
#54
 Dibenzofuran
 Concen: 41.87 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:168 Resp: 323992
 Ion Ratio Lower Upper
 168 100
 139 37.1 31.5 47.3
 169 13.1 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

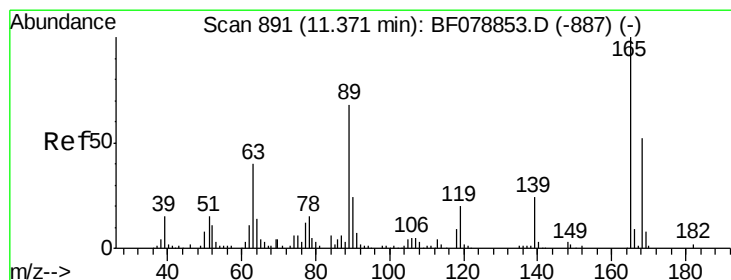
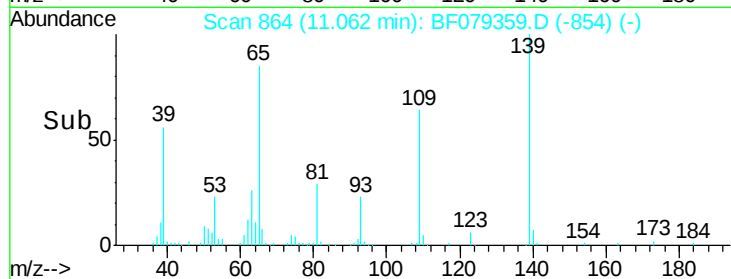
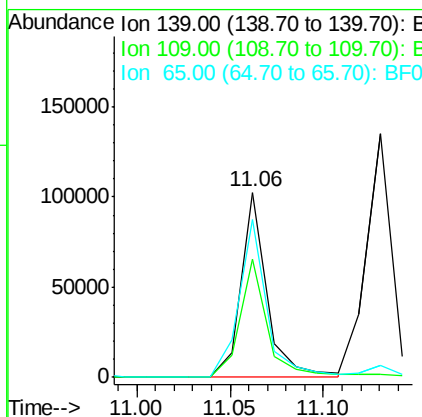
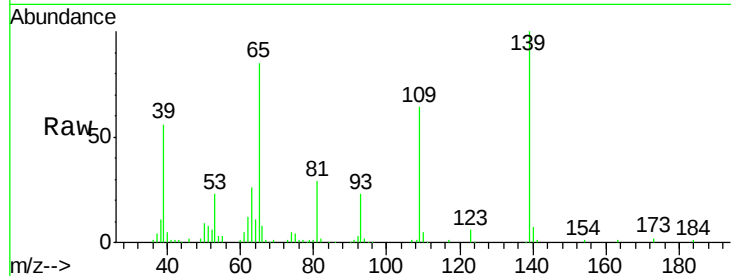




#55
4-Nitrophenol
Concen: 79.43 ng
RT: 11.06 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

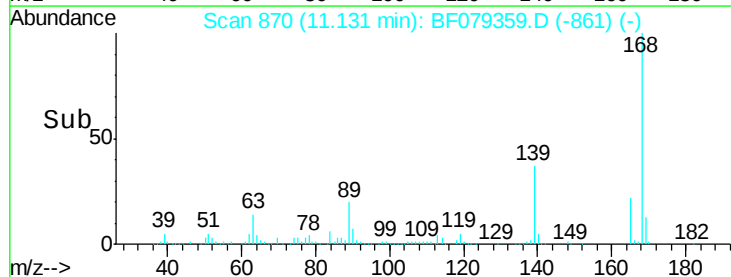
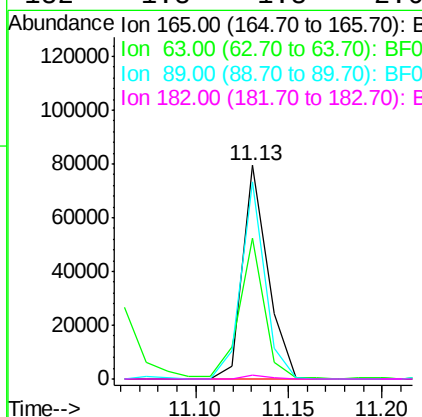
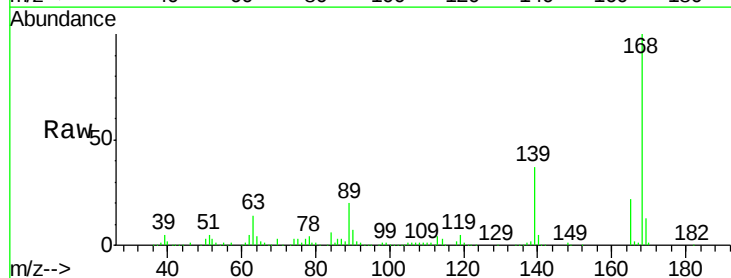
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

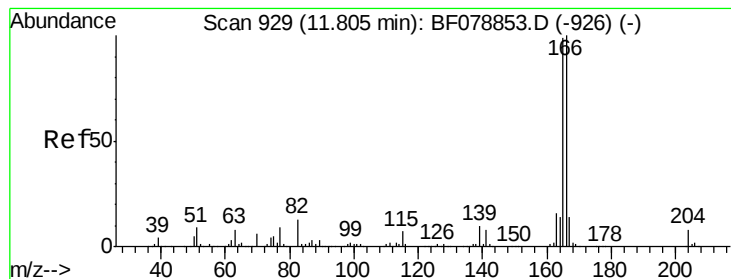
Tot Ion:139 Resp: 100358
Ion Ratio Lower Upper
139 100
109 64.1 54.4 94.4
65 85.1 101.0 141.0#



#56
2,4-Dinitrotoluene
Concen: 44.28 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:165 Resp: 74811
Ion Ratio Lower Upper
165 100
63 65.9 32.3 48.5#
89 92.1 54.6 81.8#
182 1.8 1.8 2.6





#57

Fluorene

Concen: 40.91 ng

RT: 11.55 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

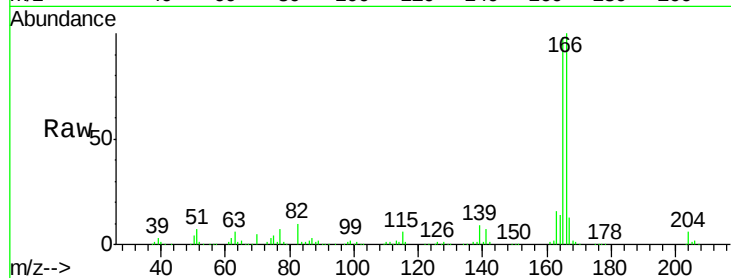
Tot Ion:166 Resp: 259812

Ion Ratio Lower Upper

166 100

165 97.5 79.5 119.3

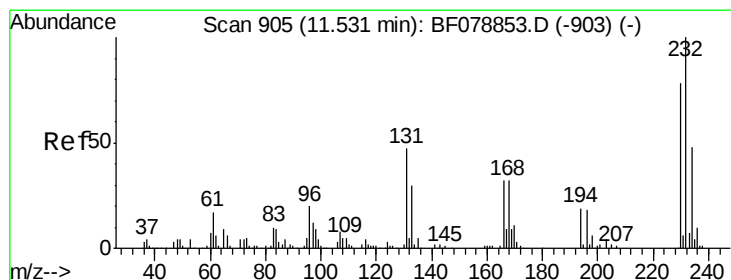
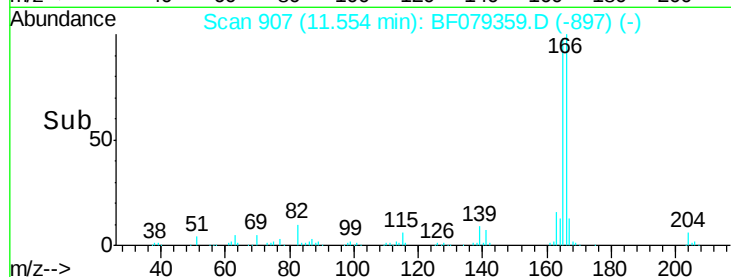
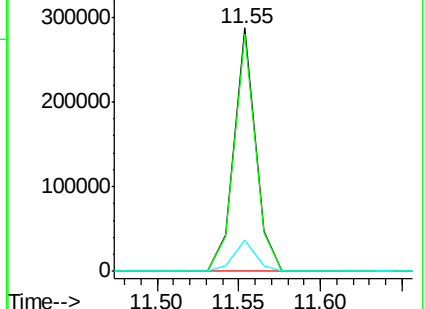
167 12.8 11.0 16.6



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: 39.92 ng

RT: 11.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Tgt Ion:232 Resp: 56340

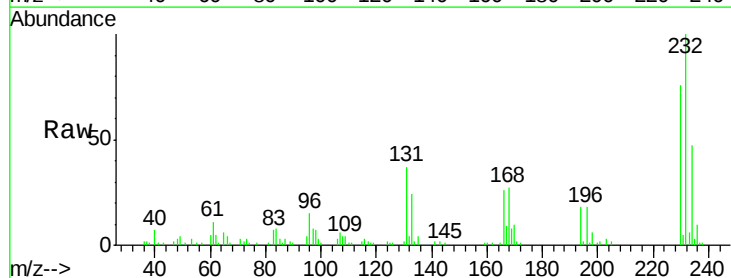
Ion Ratio Lower Upper

232 100

131 53.8 41.9 62.9

130 2.5 1.9 2.9

166 33.4 27.0 40.6

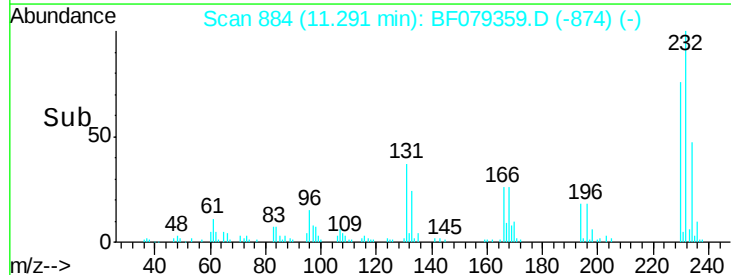
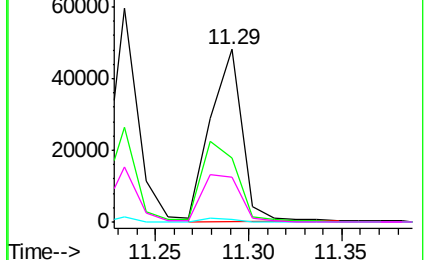


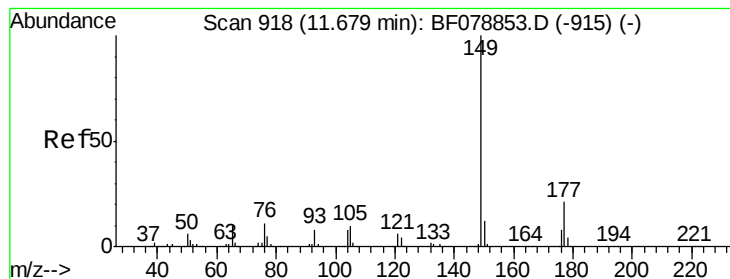
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.55 ng

RT: 11.44 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

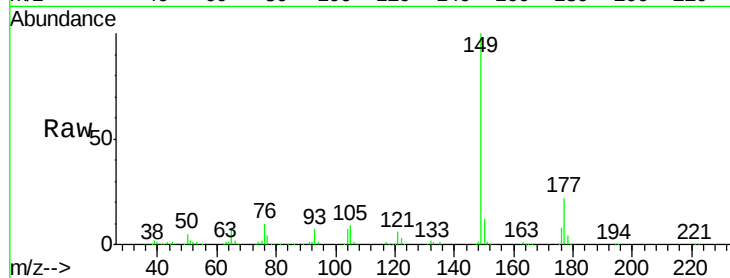
Tot Ion:149 Resp: 272932

Ion Ratio Lower Upper

149 100

177 21.5 16.4 24.6

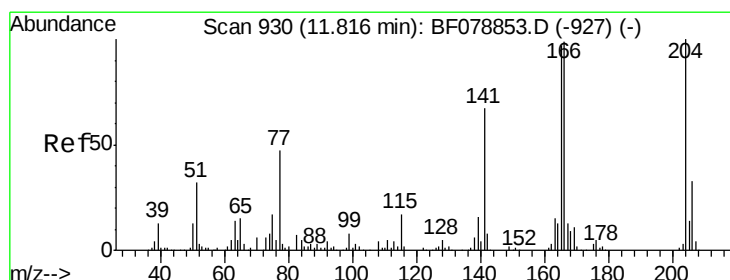
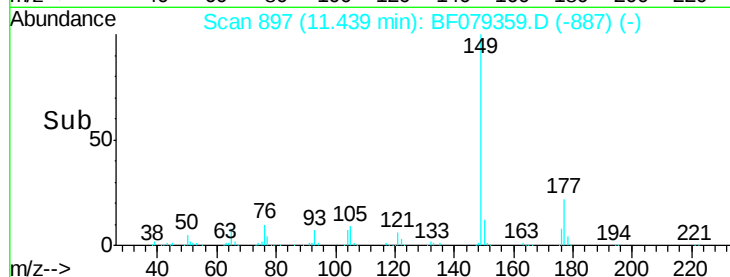
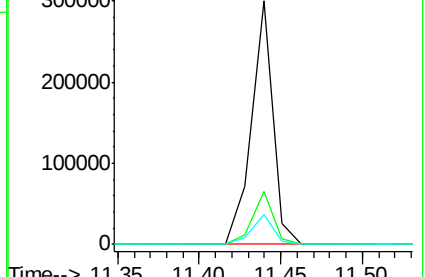
150 12.2 9.8 14.6



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: 40.68 ng

RT: 11.57 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

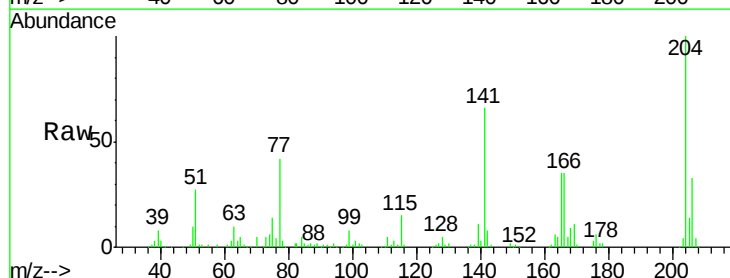
Tgt Ion:204 Resp: 114609

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.4

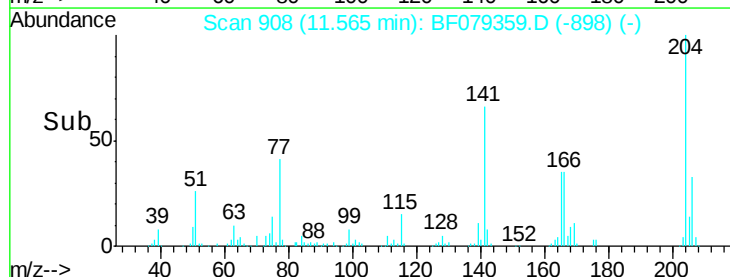
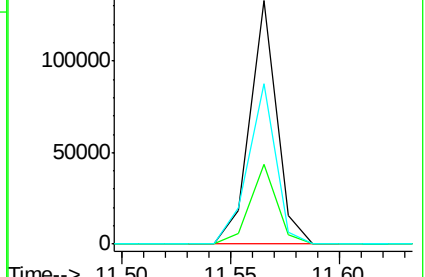
141 65.8 53.6 80.4

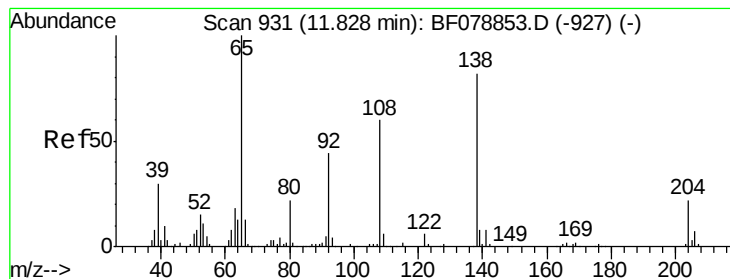


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.60 ng

RT: 11.59 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

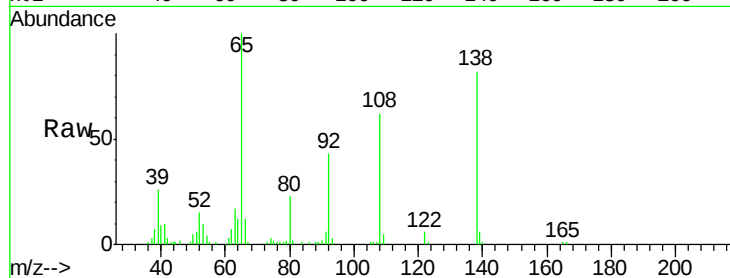
Tot Ion:138 Resp: 61635

Ion Ratio Lower Upper

138 100

92 51.9 33.7 73.7

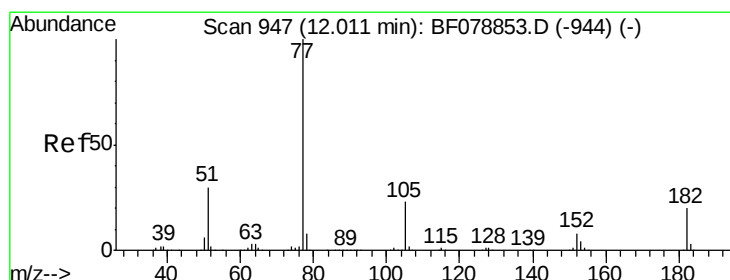
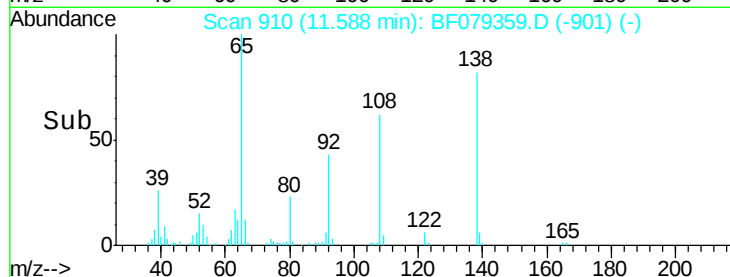
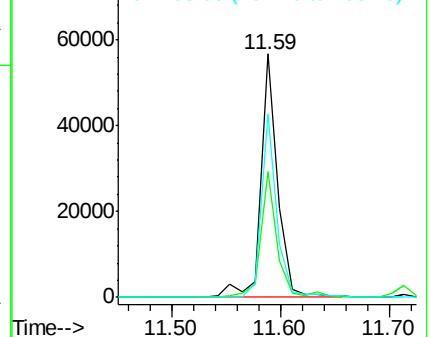
108 75.3 53.4 93.4



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: 41.33 ng

RT: 11.76 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Tgt Ion: 77 Resp: 261264

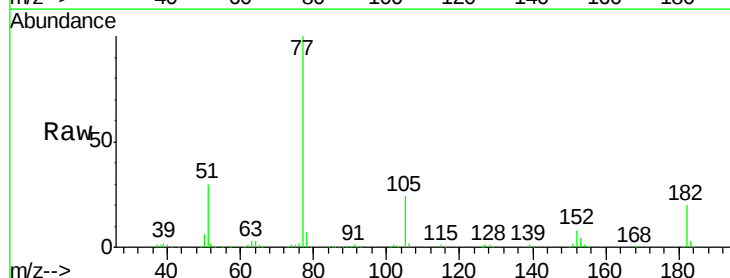
Ion Ratio Lower Upper

77 100

182 20.1 0.0 40.0

105 23.6 2.9 42.9

51 29.8 10.0 50.0

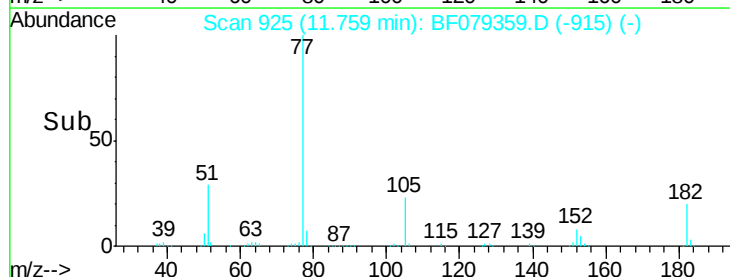
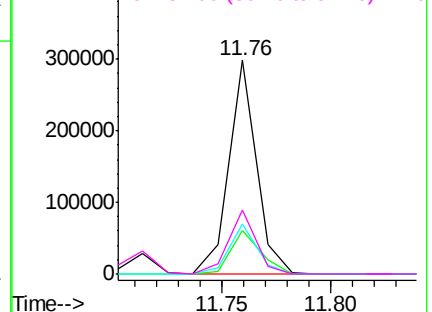


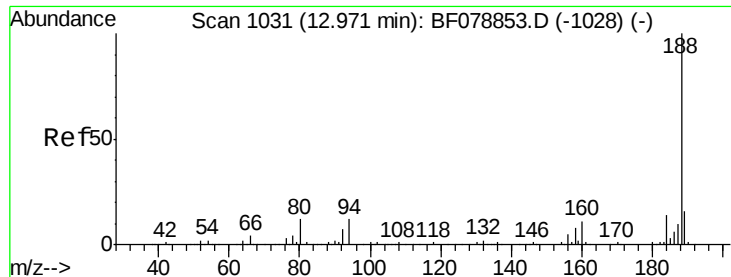
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.71 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

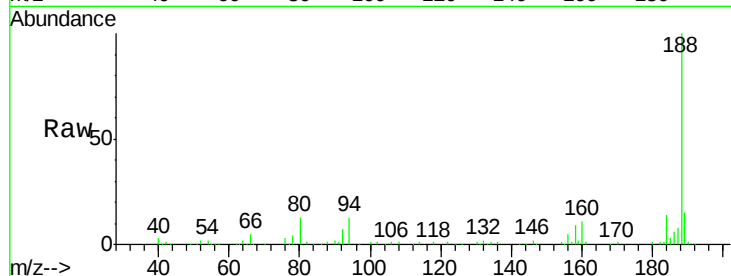
Tot Ion:188 Resp: 170386

Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.0

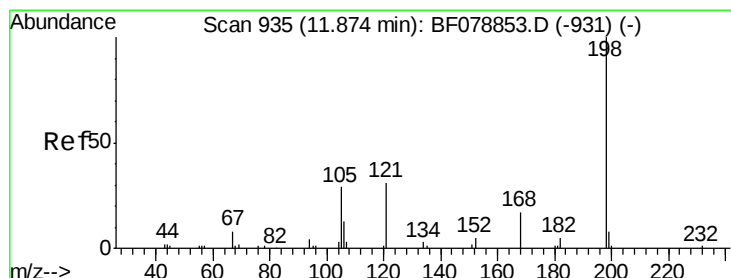
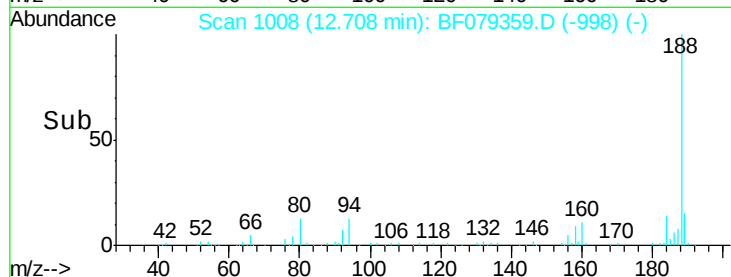
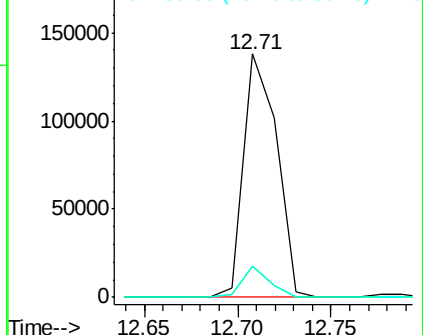
80 12.9 9.8 14.6



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: 44.19 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

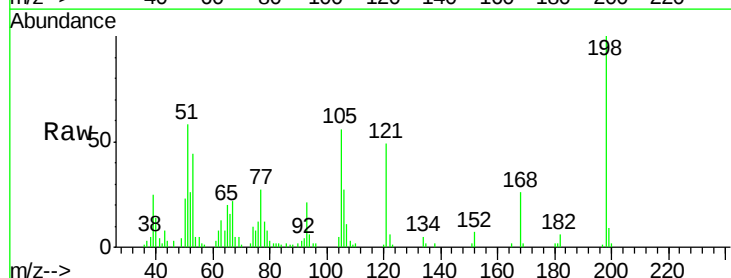
Tgt Ion:198 Resp: 30373

Ion Ratio Lower Upper

198 100

51 57.6 7.0 47.0#

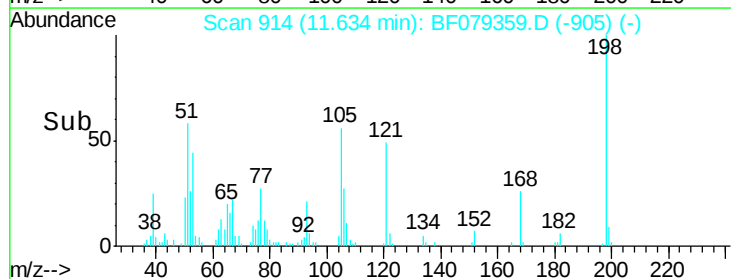
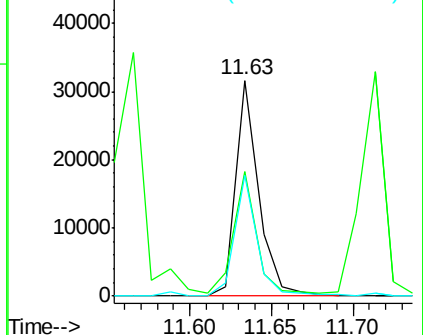
105 56.1 13.7 53.7#

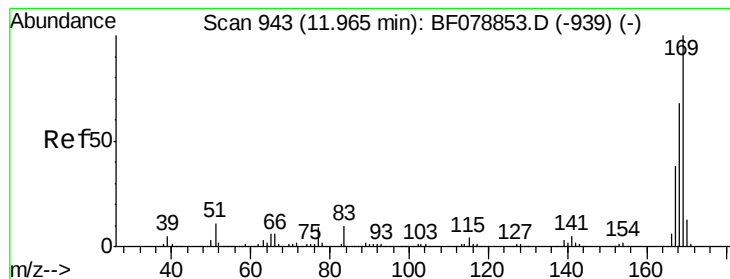


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.93 ng

RT: 11.71 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

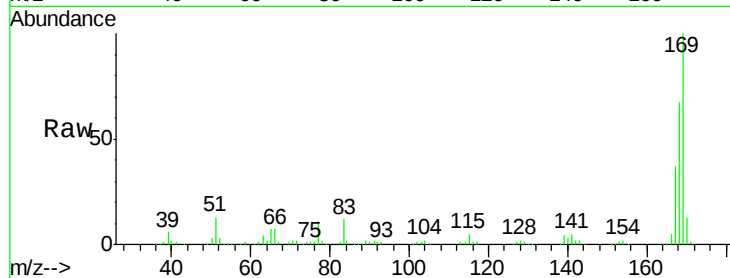
Tot Ion:169 Resp: 226595

Ion Ratio Lower Upper

169 100

168 66.6 54.1 81.1

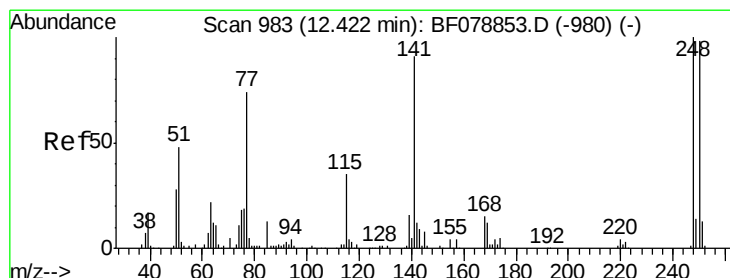
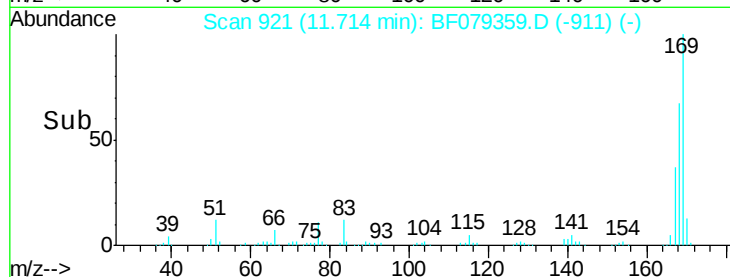
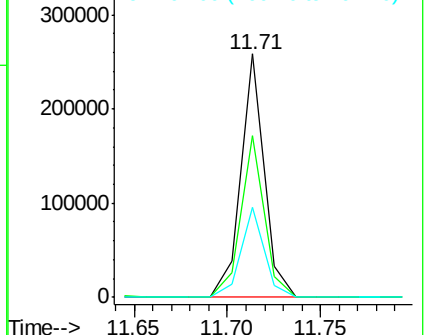
167 37.2 30.1 45.1



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: 39.68 ng

RT: 12.17 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

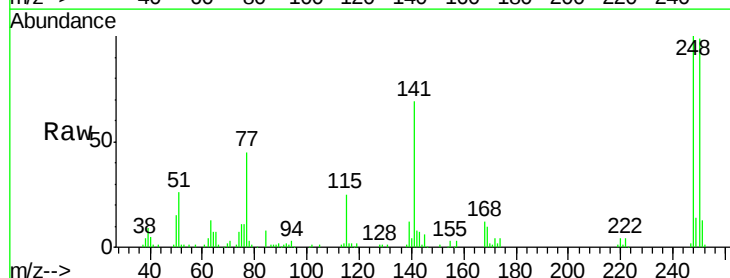
Tgt Ion:248 Resp: 70465

Ion Ratio Lower Upper

248 100

250 98.9 78.0 117.0

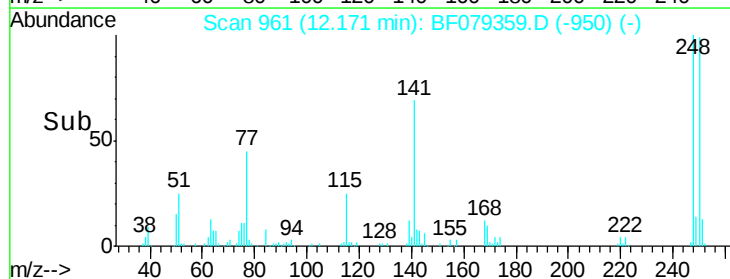
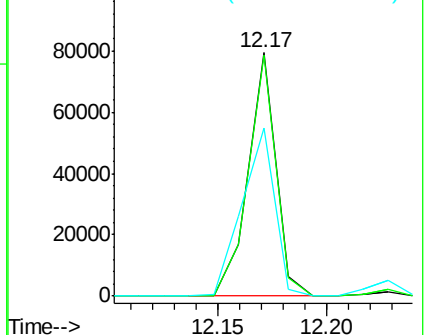
141 69.0 72.6 109.0#

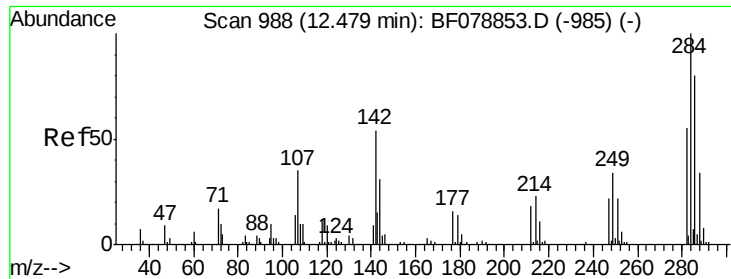


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

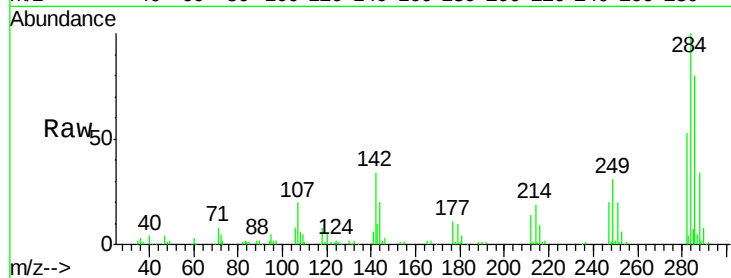




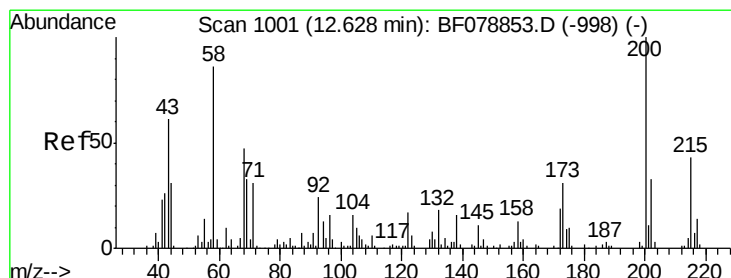
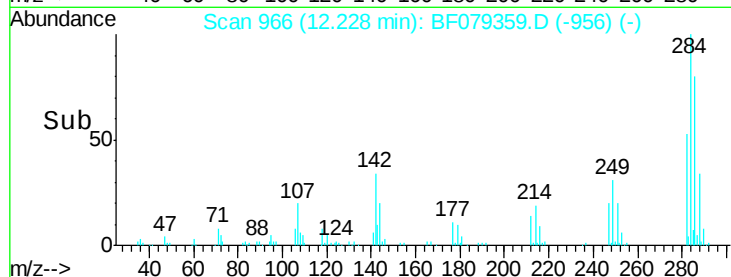
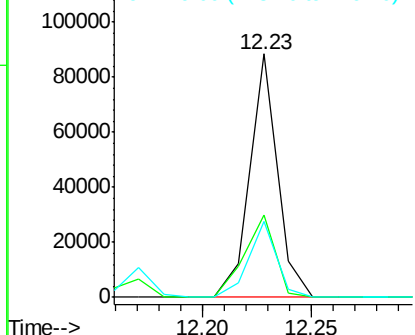
#67
Hexachlorobenzene
Concen: 38.47 ng
RT: 12.23 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Tot Ion:284 Resp: 78098
Ion Ratio Lower Upper
284 100
142 33.6 43.2 64.8#
249 31.1 27.5 41.3

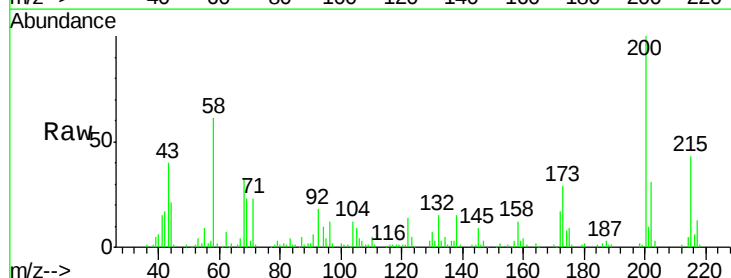


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

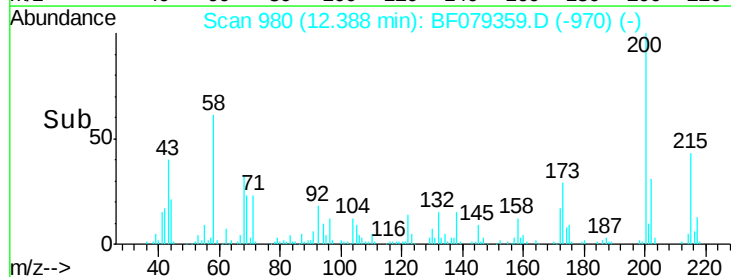
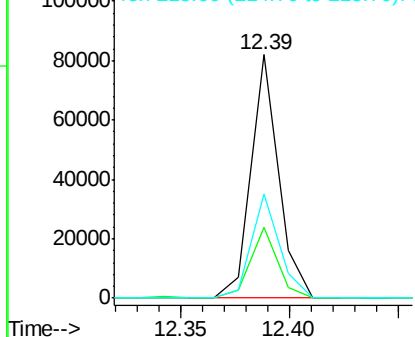


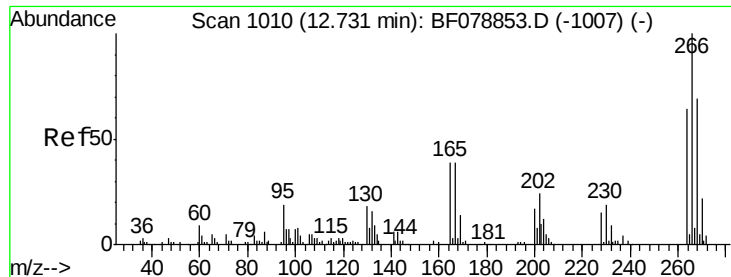
#68
Atrazine
Concen: 43.57 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:200 Resp: 71891
Ion Ratio Lower Upper
200 100
173 29.1 10.9 50.9
215 42.7 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

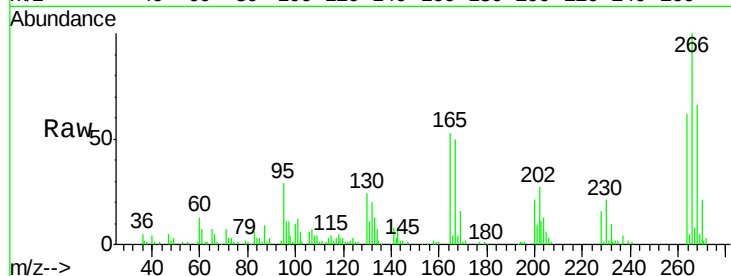




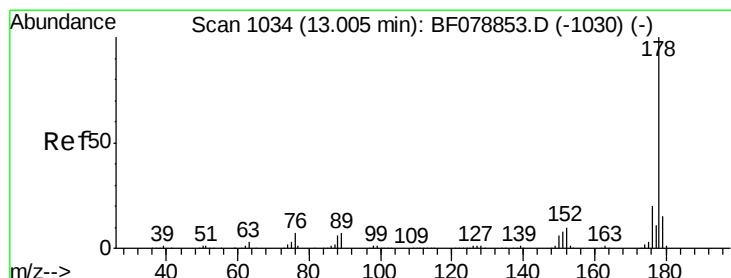
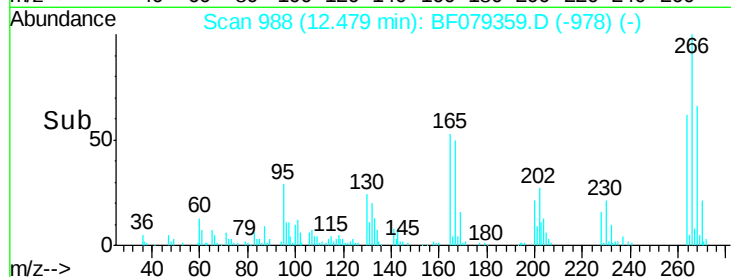
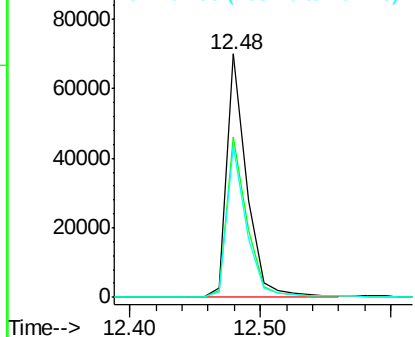
#69
 Pentachlorophenol
 Concen: 64.99 ng
 RT: 12.48 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.1	55.0	82.6
264	62.2	50.9	76.3

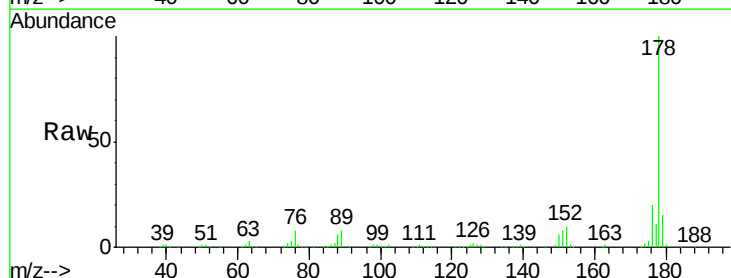


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

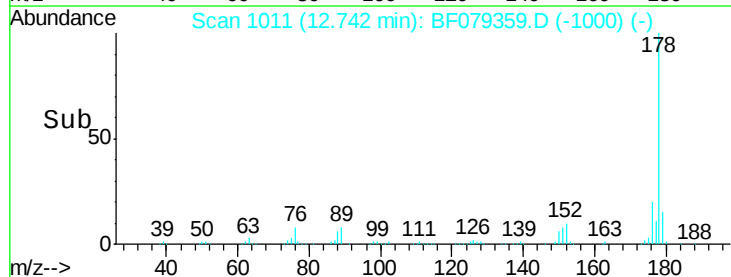
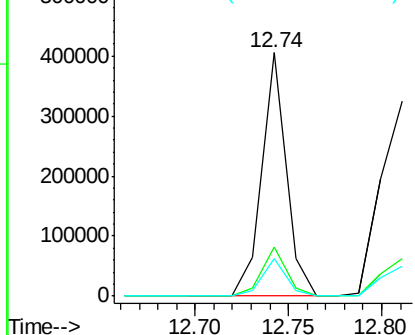


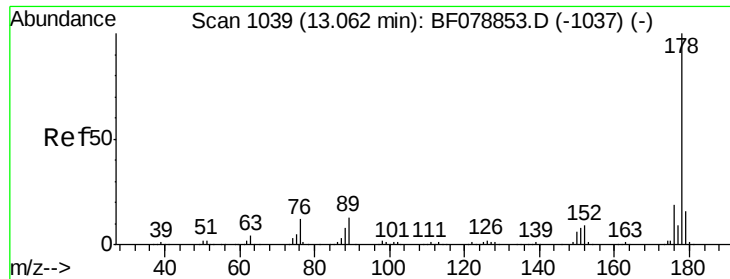
#70
 Phenanthrene
 Concen: 38.55 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.5	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

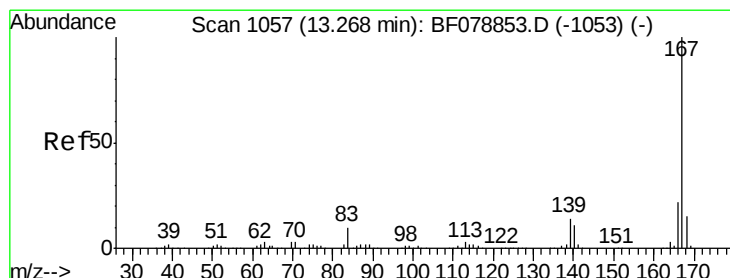
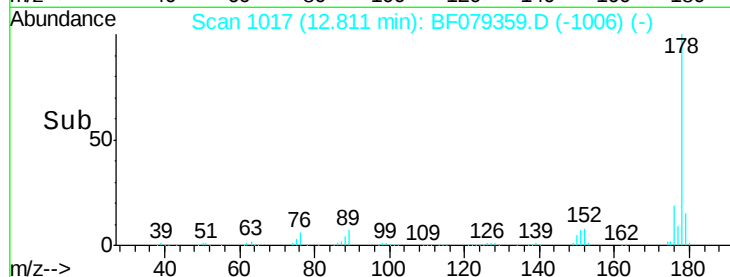
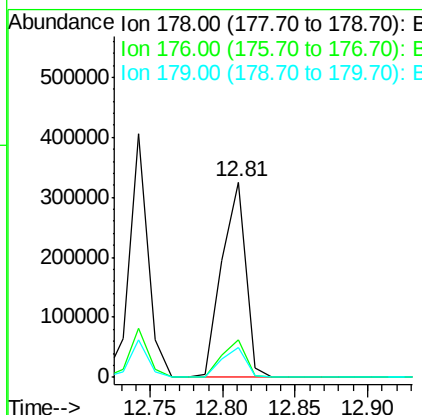
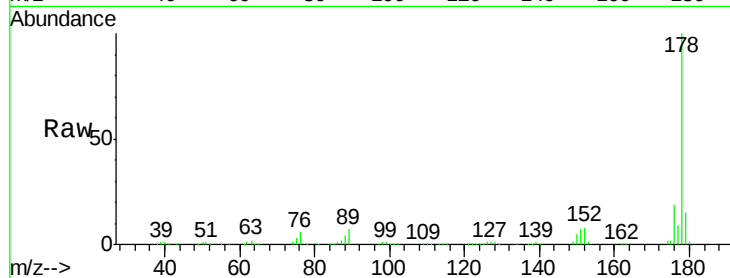




#71
 Anthracene
 Concen: 39.73 ng
 RT: 12.81 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

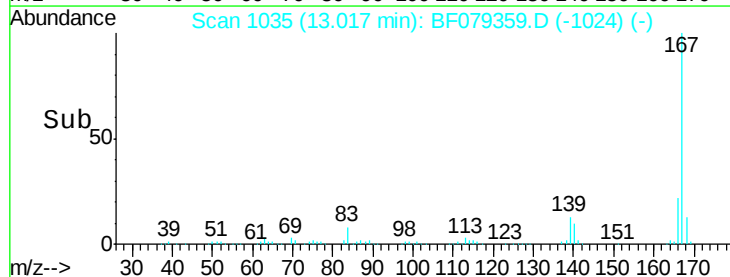
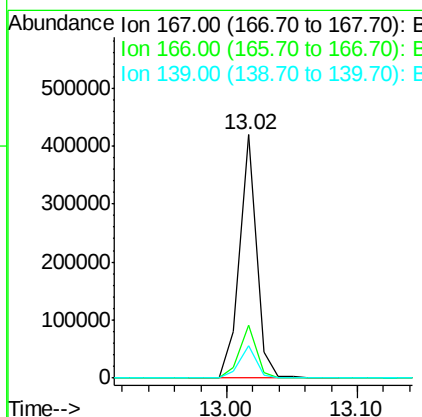
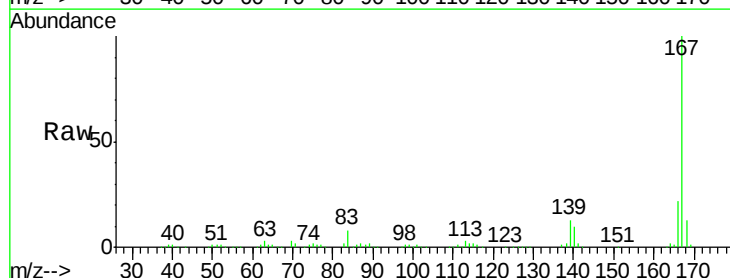
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

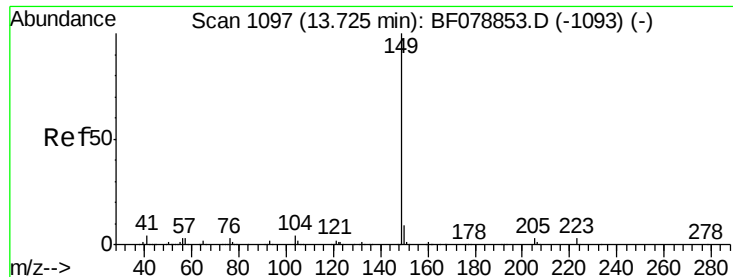
Tot Ion:178 Resp: 371540
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 42.65 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:167 Resp: 380121
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.5 11.0 16.4





#73

Di-n-butylphthalate

Concen: 42.88 ng

RT: 13.47 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

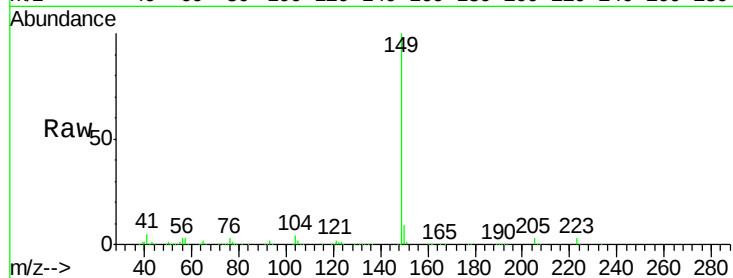
Tot Ion:149 Resp: 458296

Ion Ratio Lower Upper

149 100

150 8.9 7.0 10.4

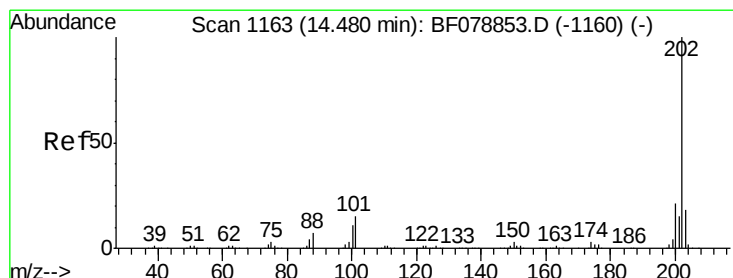
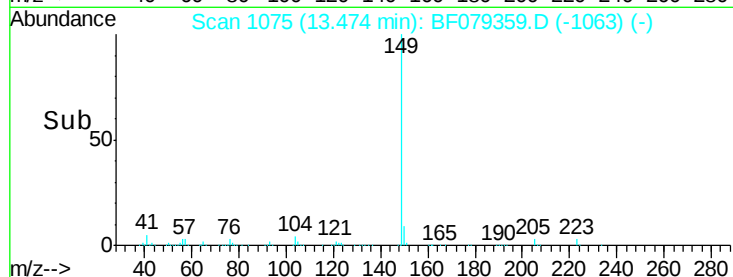
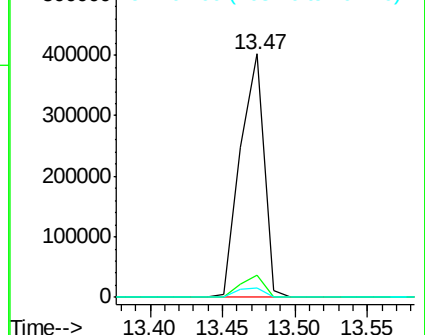
104 4.0 3.3 4.9



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: 39.86 ng

RT: 14.22 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

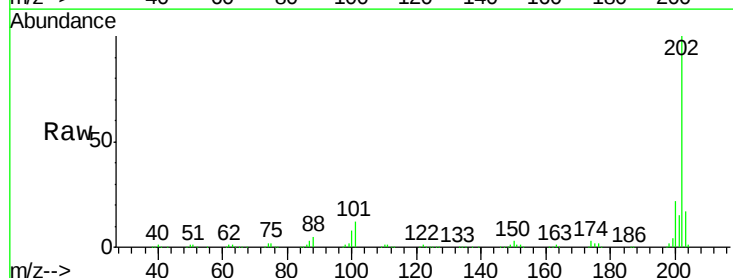
Tgt Ion:202 Resp: 395914

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.7

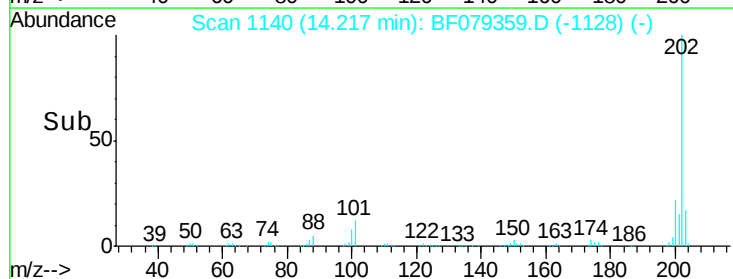
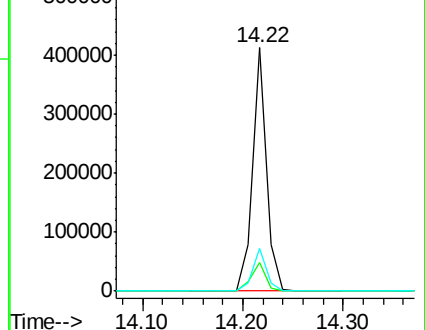
203 17.4 0.0 37.9

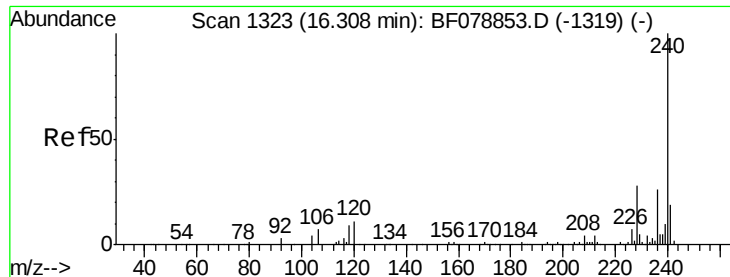


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.00 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

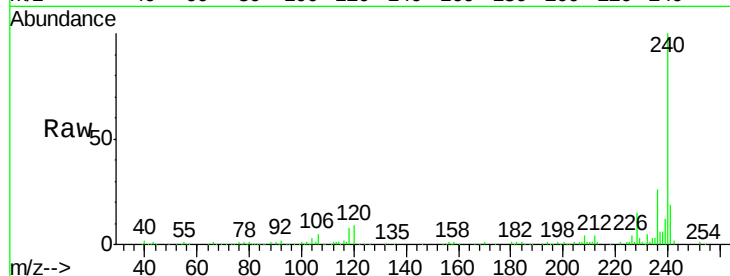
Tot Ion:240 Resp: 176754

Ion Ratio Lower Upper

240 100

120 8.6 8.6 12.8

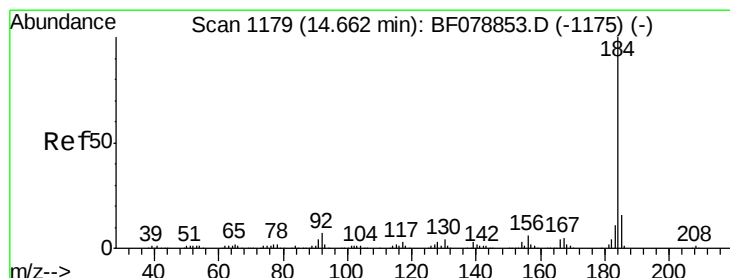
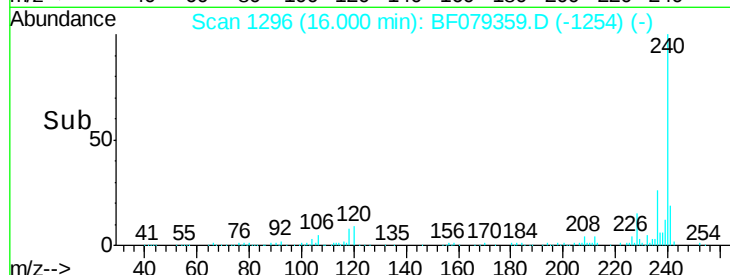
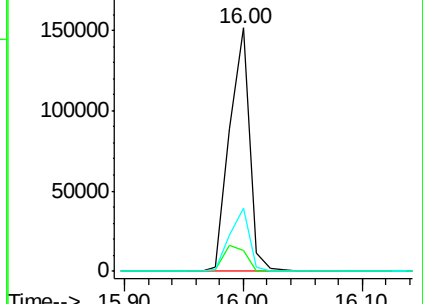
236 25.8 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.90 ng

RT: 14.40 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

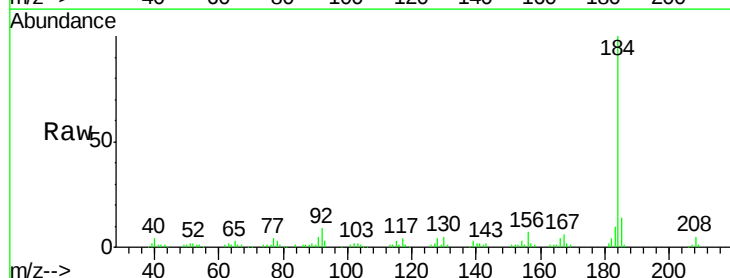
Tgt Ion:184 Resp: 94779

Ion Ratio Lower Upper

184 100

185 14.0 12.8 19.2

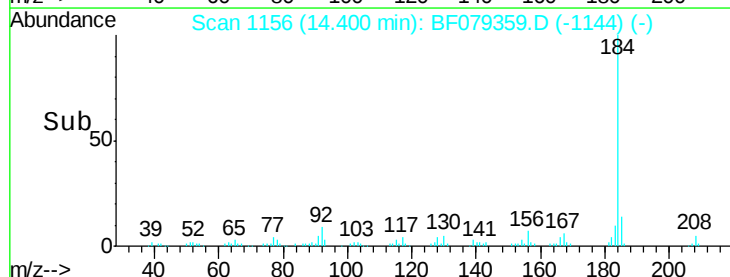
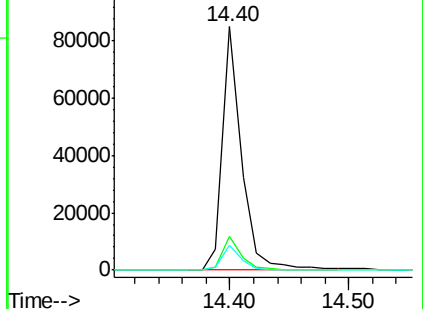
183 10.4 9.0 13.4

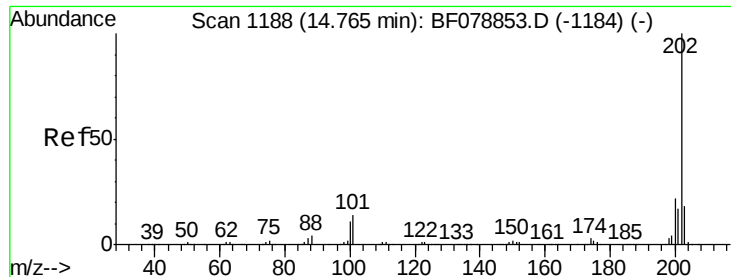


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.96 ng

RT: 14.49 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

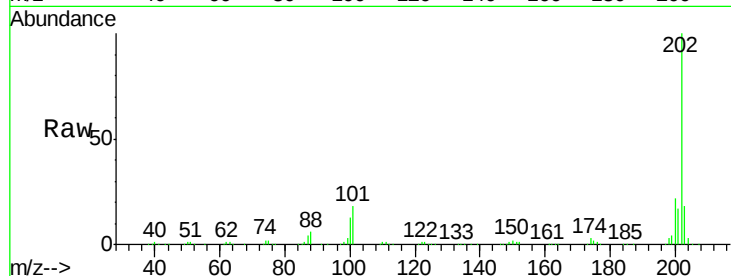
Tot Ion:202 Resp: 406987

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

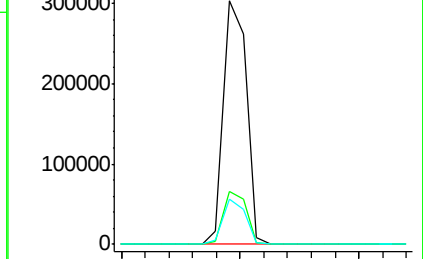
203 18.4 14.7 22.1



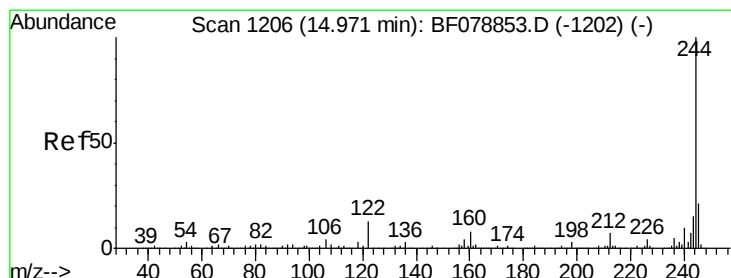
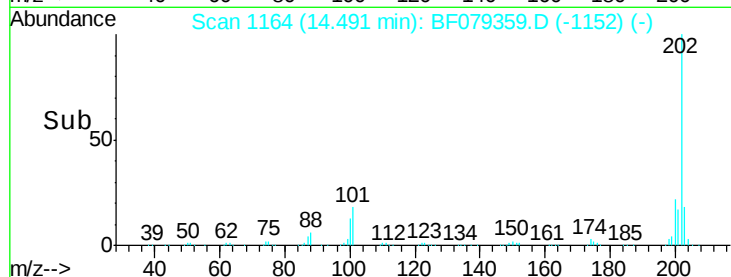
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 14.40 14.50 14.60



#78

Terphenyl-d14

Concen: 75.89 ng

RT: 14.71 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

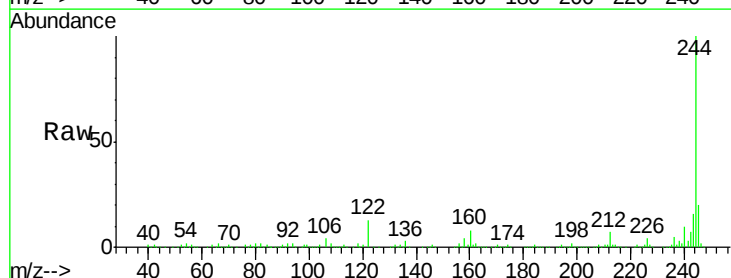
Tgt Ion:244 Resp: 560278

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

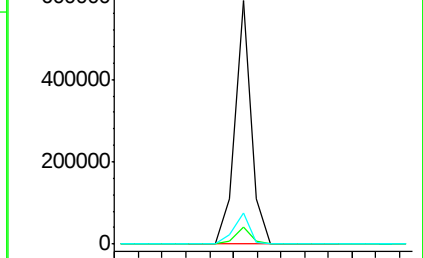
122 12.6 10.5 15.7



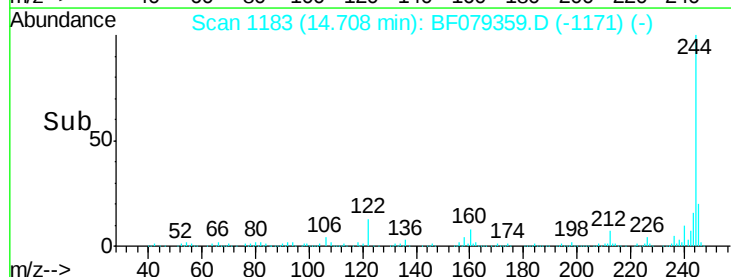
Abundance Ion 244.00 (243.70 to 244.70): E

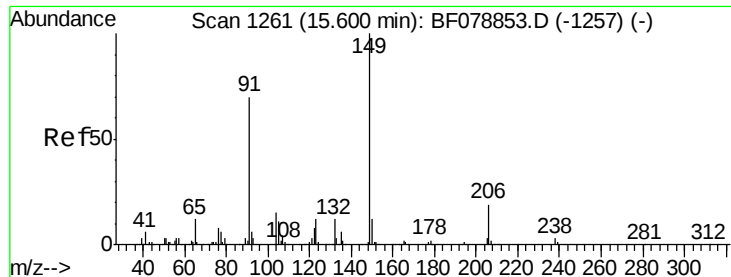
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 14.60 14.70 14.80

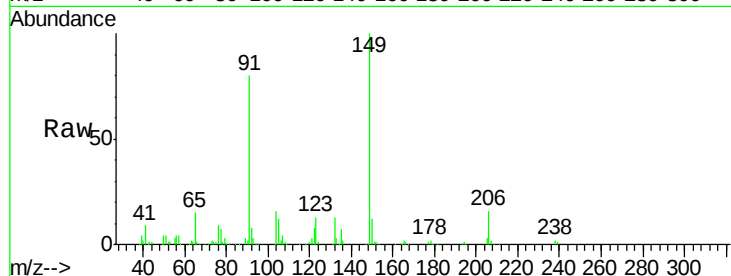




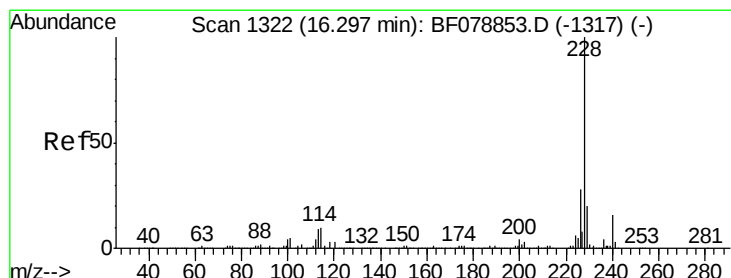
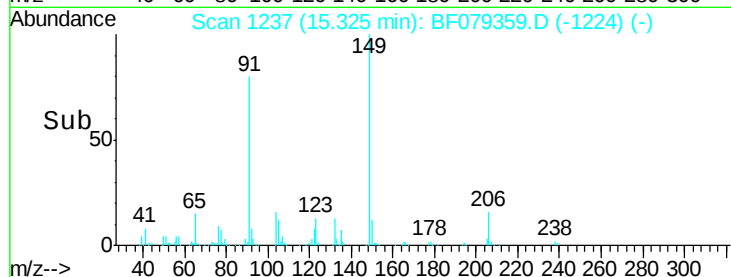
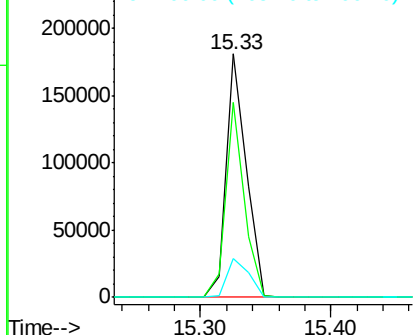
#79
Butylbenzylphthalate
Concen: 43.17 ng
RT: 15.33 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.0	56.2	84.2
206	15.9	15.2	22.8

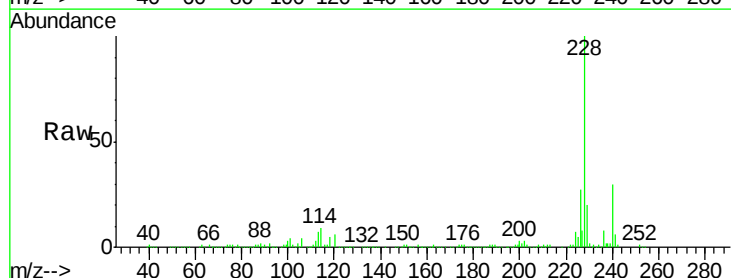


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

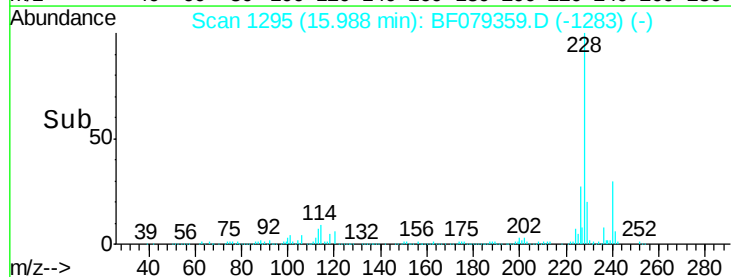
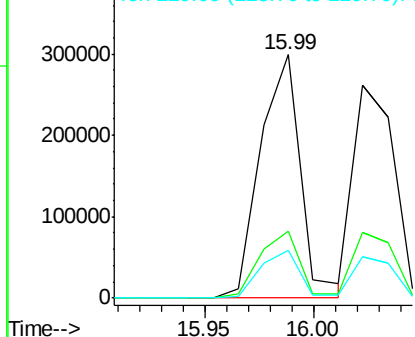


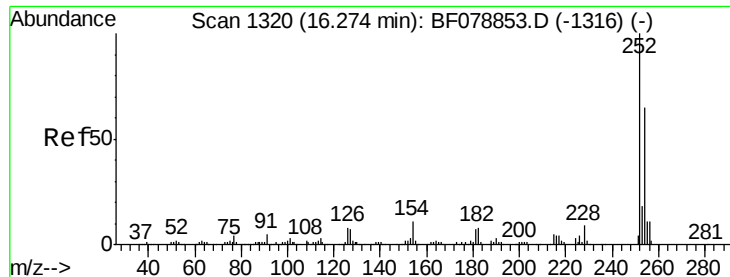
#80
Benzo(a)anthracene
Concen: 39.90 ng
RT: 15.99 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	19.5	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

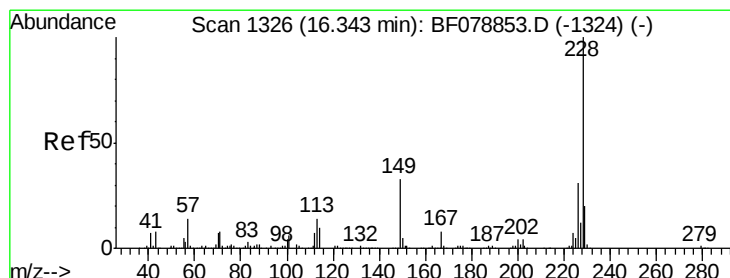
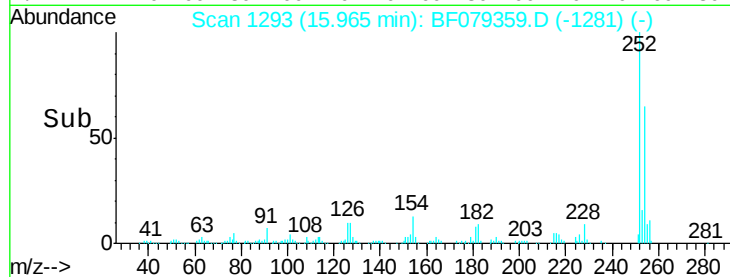
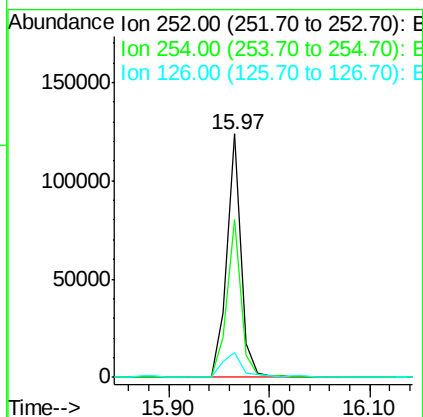
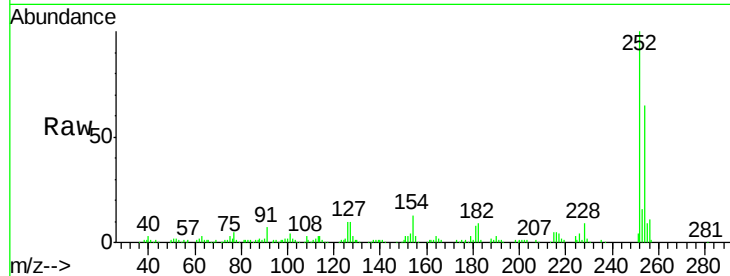




#81
 3,3'-Dichlorobenzidine
 Concen: 35.80 ng
 RT: 15.97 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

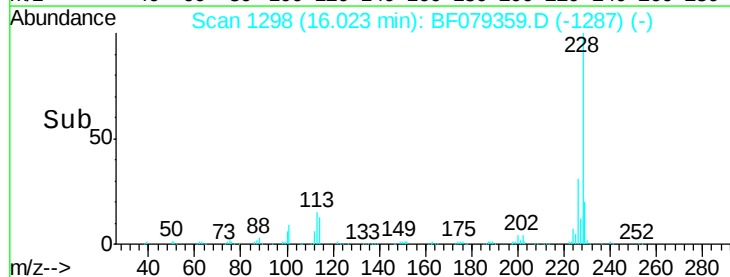
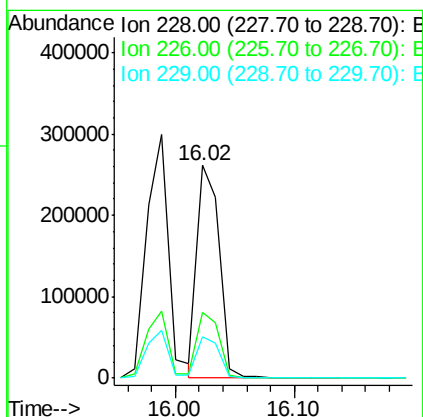
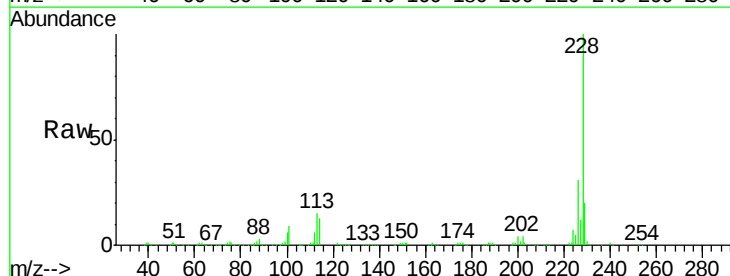
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

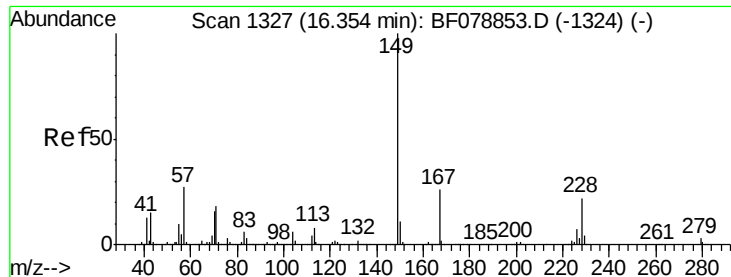
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.2	78.2
126	10.4	6.6	9.8#



#82
 Chrysene
 Concen: 36.80 ng
 RT: 16.02 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	19.6	16.1	24.1

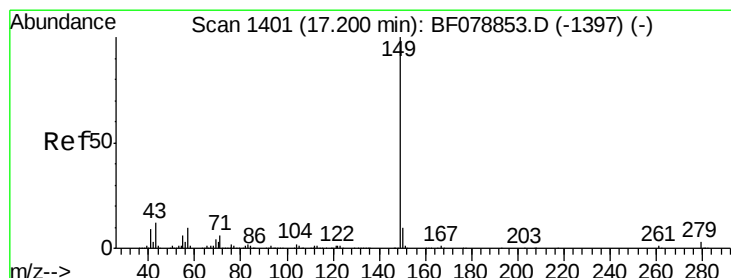
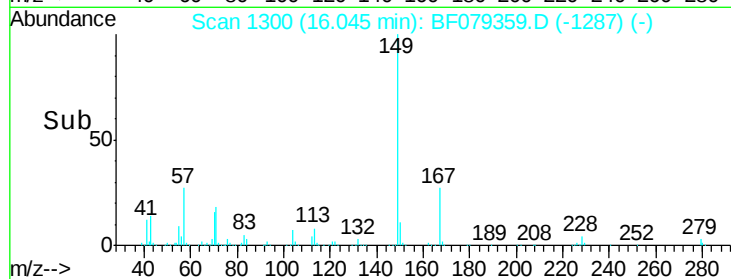
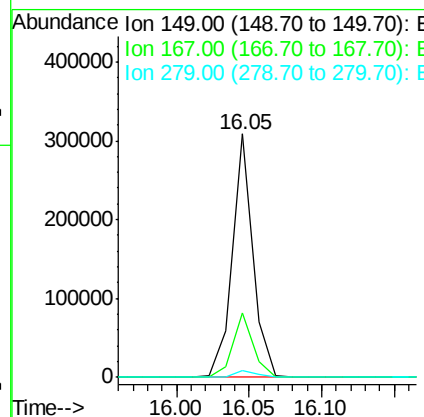
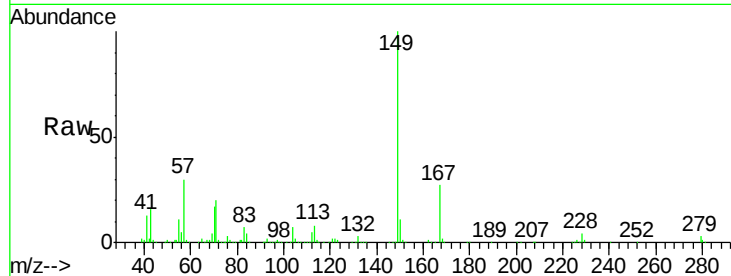




#83
Bis(2-ethylhexyl)phthalate
Concen: 44.94 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

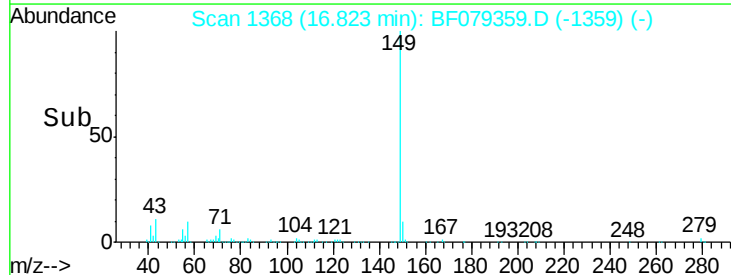
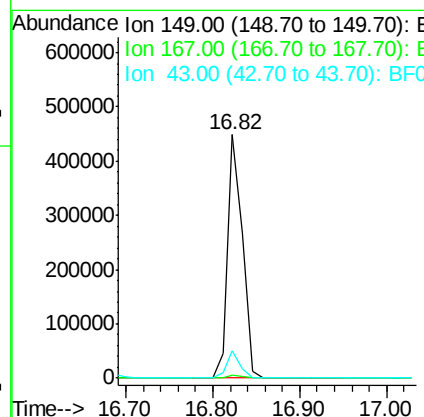
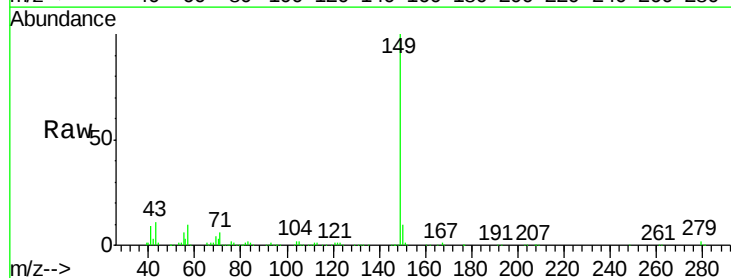
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

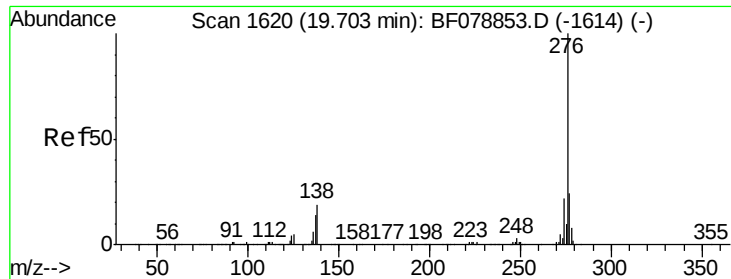
Tot Ion:149 Resp: 303061
Ion Ratio Lower Upper
149 100
167 26.6 21.2 31.8
279 3.0 2.6 4.0



#84
Di-n-octyl phthalate
Concen: 45.04 ng
RT: 16.82 min Scan# 1368
Delta R.T. -0.07 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:149 Resp: 534985
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 9.0 13.6

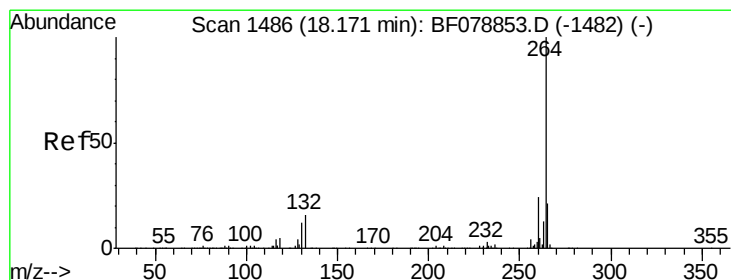
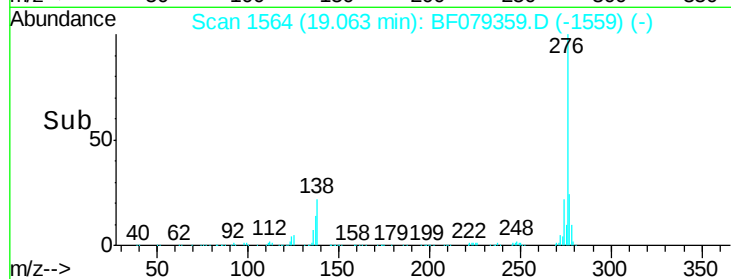
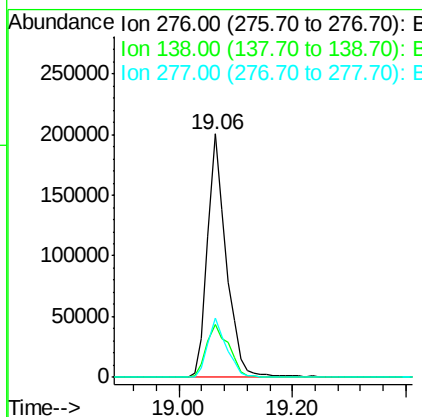
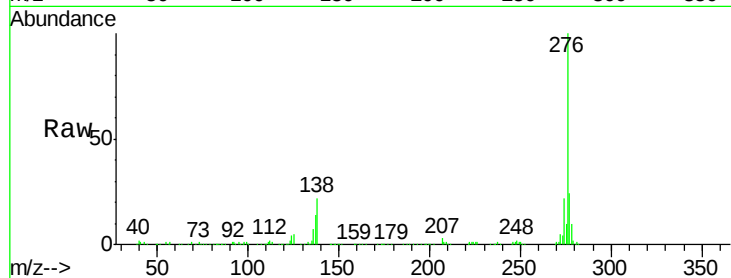




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.85 ng
 RT: 19.06 min Scan# 1564
 Delta R.T. -0.15 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

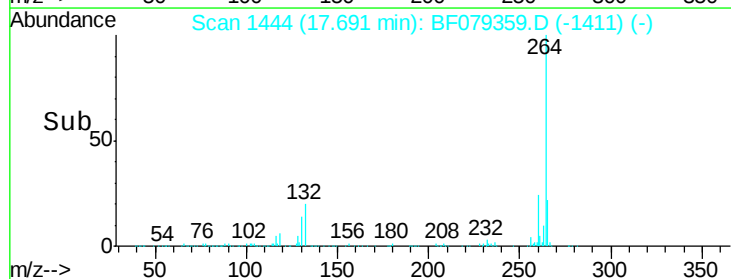
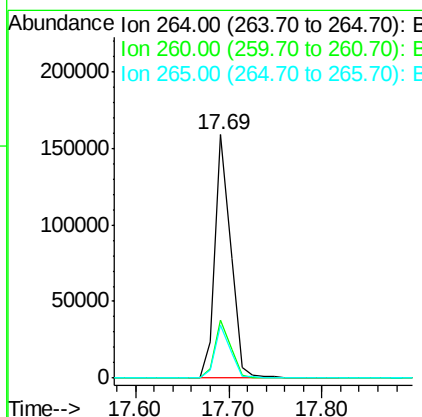
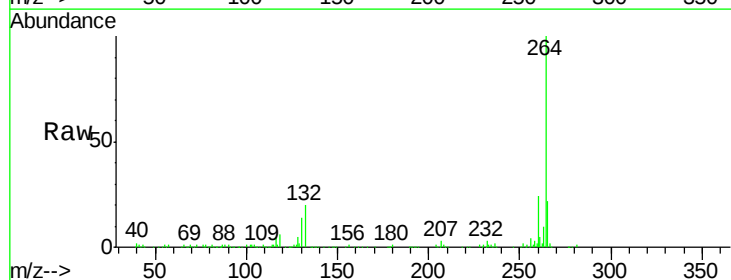
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

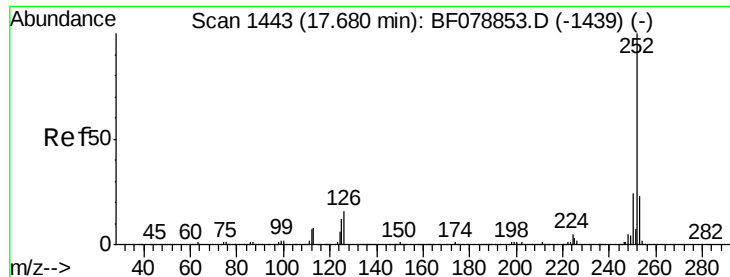
Tot Ion:276 Resp: 448920
 Ion Ratio Lower Upper
 276 100
 138 26.2 21.1 31.7
 277 25.0 19.9 29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1444
 Delta R.T. -0.13 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:264 Resp: 188045
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.36 ng

RT: 17.26 min Scan# 1406

Delta R.T. -0.09 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

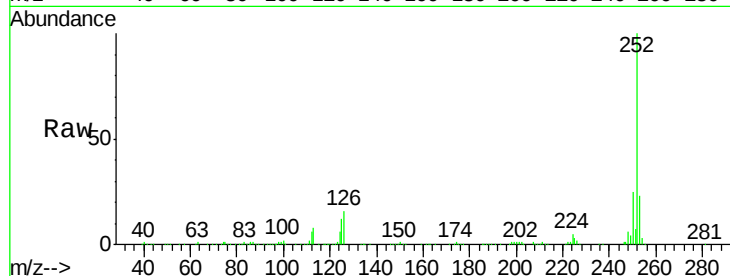
Tot Ion:252 Resp: 415404

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

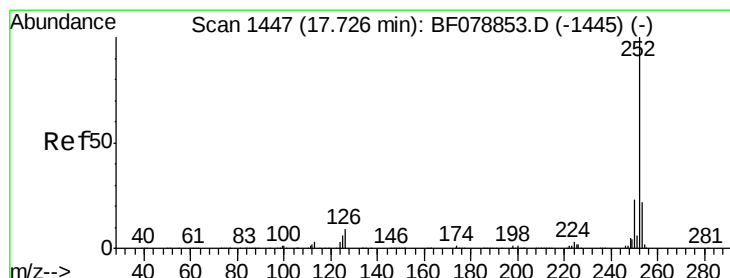
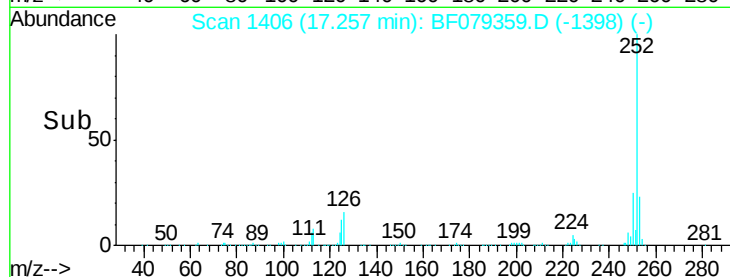
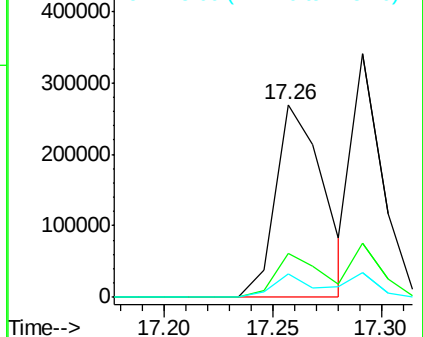
125 12.1 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.03 ng m

RT: 17.29 min Scan# 1409

Delta R.T. -0.09 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

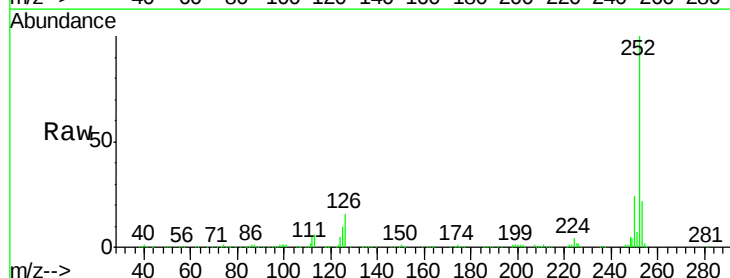
Tgt Ion:252 Resp: 329134

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

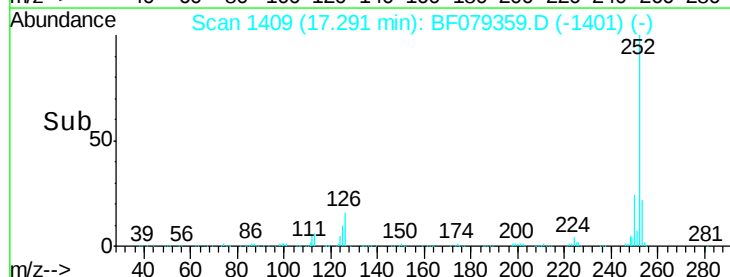
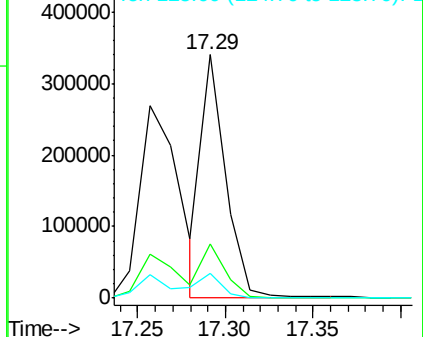
125 10.3 6.1 9.1#

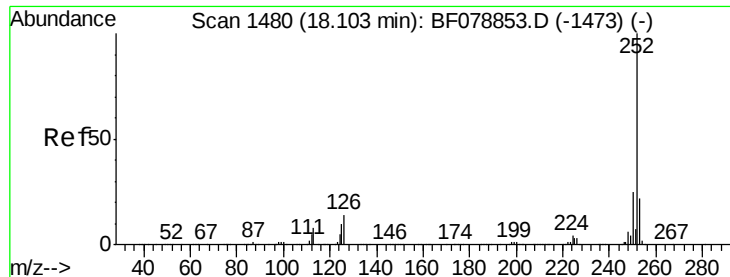


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.08 ng

RT: 17.63 min Scan# 1439

Delta R.T. -0.11 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

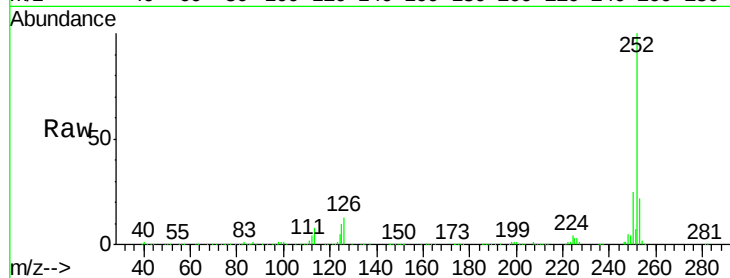
Tot Ion:252 Resp: 360883

Ion Ratio Lower Upper

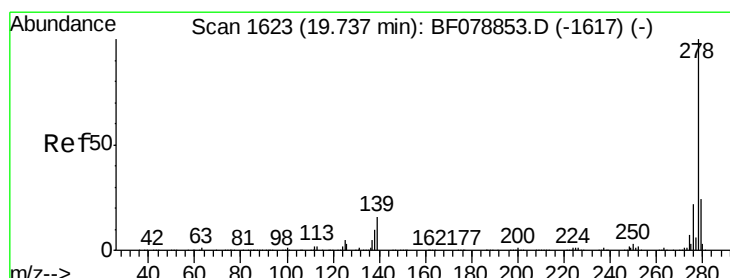
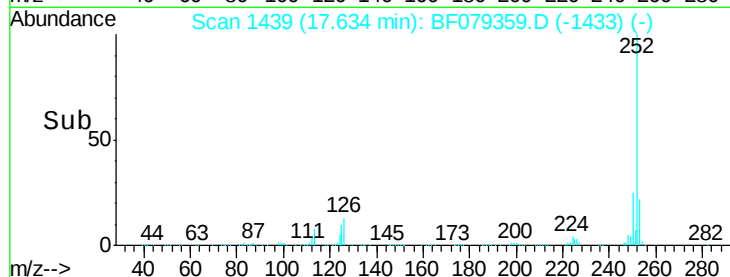
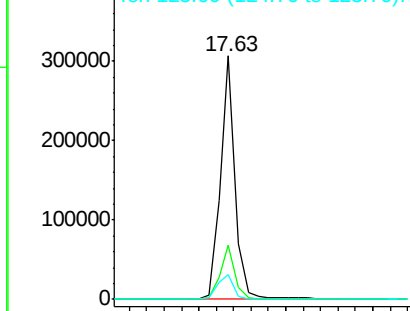
252 100

253 22.2 18.0 27.0

125 9.9 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.36 ng

RT: 19.09 min Scan# 1566

Delta R.T. -0.16 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

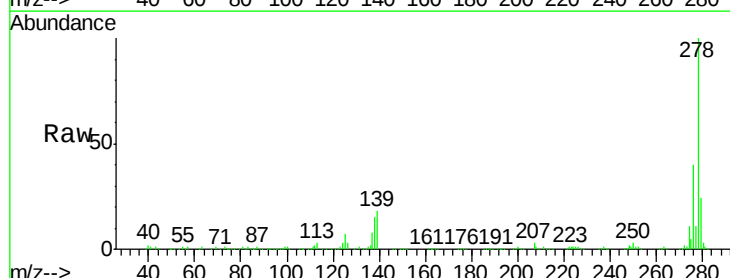
Tgt Ion:278 Resp: 376264

Ion Ratio Lower Upper

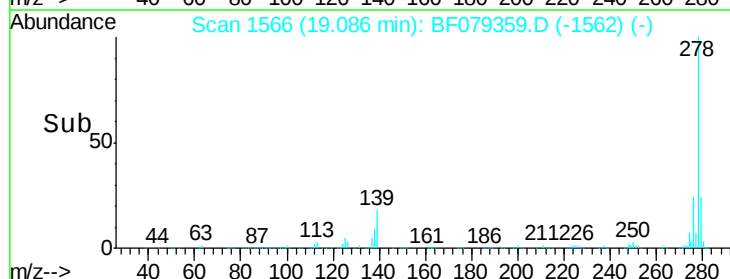
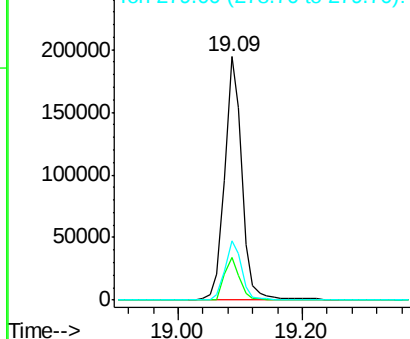
278 100

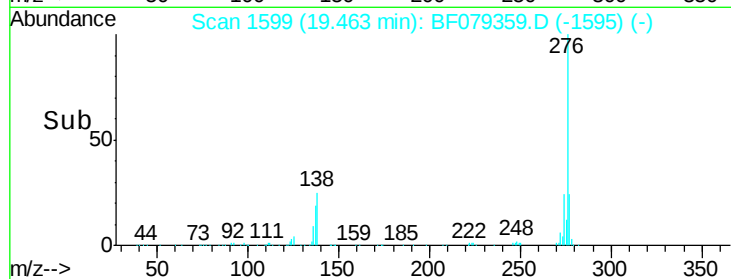
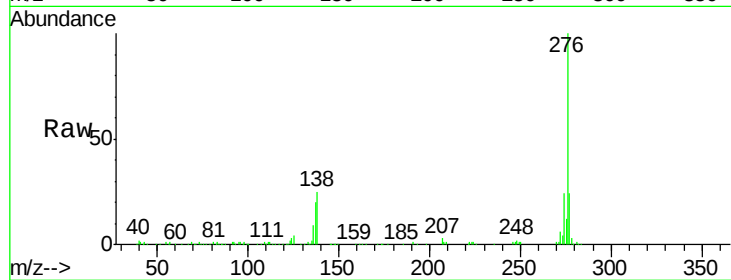
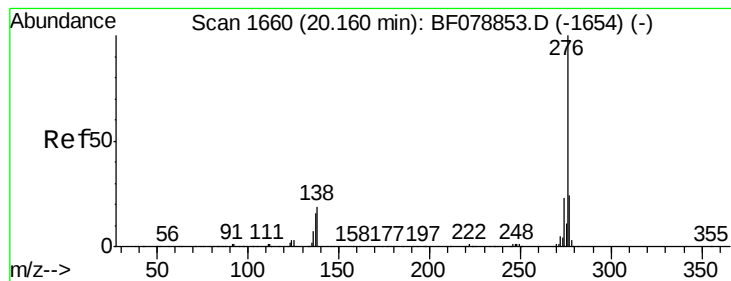
139 17.8 13.1 19.7

279 24.3 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(a,h,i)perylene

Concen: 35.69 ng

RT: 19.46 min Scan# 1599

Delta R.T. -0.16 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

Tot Ion: 276 Resp: 360251

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 25.0 15.2 22.8#

