

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079358.D
 Acq On : 20 May 2015 1:08
 Operator : TP/IZ
 Sample : G2270-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Quant Time: May 20 06:04:18 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	38372	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	160888	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	81480	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	159878	20.00	ng	0.00
75) Chrysene-d12	16.00	240	174731	20.00	ng	-0.02
86) Perylene-d12	17.70	264	185570	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	301401m	135.21	ng	-0.01
7) Phenol-d6	6.70	99	399796	135.68	ng	-0.01
23) Nitrobenzene-d5	7.83	82	225237	80.46	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	119027	135.03	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	433617	74.14	ng	-0.01
78) Terphenyl-d14	14.71	244	512353	70.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	33446m	34.51	ng	
3) Pyridine	2.73	79	43811m	15.45	ng	
4) n-Nitrosodimethylamine	2.60	42	52626m	43.30	ng	
6) Aniline	6.72	93	81269	19.54	ng	# 1
8) 2-Chlorophenol	6.86	128	116146	45.94	ng	92
9) Benzaldehyde	6.57	77	36710m	18.49	ng	
10) Phenol	6.72	94	149472	43.73	ng	80
11) bis(2-Chloroethyl)ether	6.82	93	113822	45.42	ng	95
12) 1,3-Dichlorobenzene	7.05	146	116795	41.10	ng	# 96
13) 1,4-Dichlorobenzene	7.15	146	116293	39.76	ng	96
14) 1,2-Dichlorobenzene	7.34	146	110749	40.68	ng	95
15) Benzyl Alcohol	7.31	79	95061m	43.46	ng	
16) 2,2'-oxybis(1-Chloropropan	7.50	45	162202	42.31	ng	95
17) 2-Methylphenol	7.46	107	92636	45.53	ng	95
18) Hexachloroethane	7.75	117	39812	39.52	ng	97
19) n-Nitroso-di-n-propylamine	7.64	70	82802	41.60	ng	95
20) 3+4-Methylphenols	7.66	107	126748	46.75	ng	# 48
22) Acetophenone	7.64	105	162447	44.69	ng	# 81
24) Nitrobenzene	7.85	77	119774	43.16	ng	# 75
25) Isophorone	8.15	82	228508	44.03	ng	98
26) 2-Nitrophenol	8.24	139	56598	49.28	ng	97
27) 2,4-Dimethylphenol	8.31	122	108052	47.02	ng	95
28) bis(2-Chloroethoxy)methane	8.43	93	140691	43.97	ng	98
29) 2,4-Dichlorophenol	8.54	162	97628	47.77	ng	98
30) 1,2,4-Trichlorobenzene	8.64	180	96759	43.10	ng	98
31) Naphthalene	8.73	128	340119	44.37	ng	99
32) Benzoic acid	8.42	122	55137m	39.58	ng	
33) 4-Chloroaniline	8.81	127	84100	25.93	ng	# 91
34) Hexachlorobutadiene	8.89	225	47837	37.00	ng	99
35) Caprolactam	9.23	113	29202	44.19	ng	# 90
36) 4-Chloro-3-methylphenol	9.42	107	104043	48.47	ng	# 84
37) 2-Methylnaphthalene	9.59	142	232027	43.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	89512	39.01	ng	97
40) Hexachlorocyclopentadiene	9.78	237	58210	50.45	ng	97

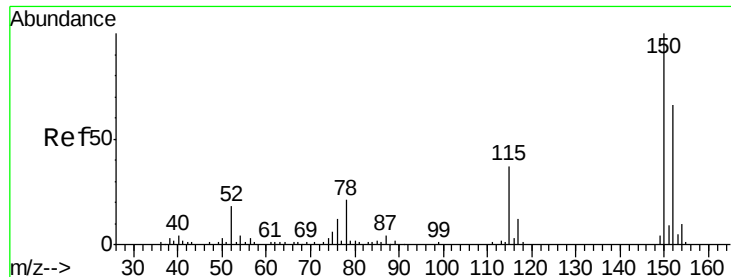
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	67010	42.48	nq	97
43) 2,4,5-Trichlorophenol	9.99	196	71153	44.61	nq #	86
45) 1,1'-Biphenyl	10.17	154	278221	42.95	nq	98
46) 2-Chloronaphthalene	10.19	162	213613	42.28	nq #	91
47) 2-Nitroaniline	10.32	65	63707	43.52	nq	99
48) Acenaphthylene	10.70	152	334488	40.32	nq	99
49) Dimethylphthalate	10.56	163	336750	56.31	nq	98
50) 2,6-Dinitrotoluene	10.64	165	56163	47.59	nq	92
51) Acenaphthene	10.91	154	196790	39.78	nq	100
52) 3-Nitroaniline	10.83	138	51229	34.75	nq	97
53) 2,4-Dinitrophenol	10.98	184	34270	72.90	nq #	52
54) Dibenzofuran	11.13	168	310602	43.47	nq	98
55) 4-Nitrophenol	11.06	139	98639	84.54	nq #	79
56) 2,4-Dinitrotoluene	11.13	165	72245	46.31	nq #	60
57) Fluorene	11.55	166	248877	42.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	54611	41.90	nq	98
59) Diethylphthalate	11.44	149	274243	46.29	nq	100
60) 4-Chlorophenyl-phenylether	11.57	204	110113	42.32	nq	98
61) 4-Nitroaniline	11.59	138	60503	41.02	nq	97
62) Azobenzene	11.76	77	253295	43.39	nq	99
64) 4,6-Dinitro-2-methylphenol	11.63	198	29015	44.76	nq #	49
65) n-Nitrosodiphenylamine	11.71	169	223801	42.03	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	70550	42.34	nq #	90
67) Hexachlorobenzene	12.23	284	75012	39.38	nq #	83
68) Atrazine	12.39	200	68210	44.05	nq	96
69) Pentachlorophenol	12.48	266	72870	66.64	nq	99
70) Phenanthrene	12.74	178	363415	40.63	nq	99
71) Anthracene	12.81	178	365770	41.69	nq	99
72) Carbazole	13.02	167	378647	45.27	nq	99
73) Di-n-butylphthalate	13.47	149	446895	44.56	nq	99
74) Fluoranthene	14.22	202	384613	41.27	nq	97
76) Benzidine	14.40	184	58055	12.33	nq	98
77) Pyrene	14.50	202	407180	40.44	nq	98
79) Butylbenzylphthalate	15.33	149	195716	44.47	nq #	86
80) Benzo(a)anthracene	15.99	228	375804	39.28	nq	100
81) 3,3'-Dichlorobenzidine	15.97	252	117664	34.52	nq #	97
82) Chrysene	16.03	228	357463	38.84	nq	99
83) Bis(2-ethylhexyl)phthalate	16.05	149	320014	48.00	nq #	98
84) Di-n-octyl phthalate	16.83	149	550918	46.92	nq	96
85) Indeno(1,2,3-cd)pyrene	19.07	276	448203	38.22	nq	100
87) Benzo(b)fluoranthene	17.27	252	370471	36.47	nq	97
88) Benzo(k)fluoranthene	17.30	252	389025m	39.56	nq	
89) Benzo(a)pyrene	17.65	252	362377	38.75	nq	98
90) Dibenzo(a,h)anthracene	19.10	278	384058	38.64	nq	99
91) Benzo(g,h,i)perylene	19.49	276	363381	36.48	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

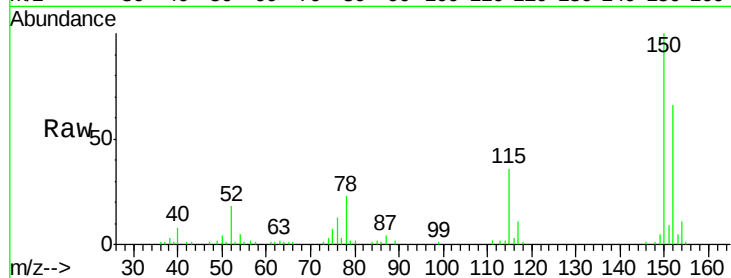
Tot Ion:152 Resp: 38372

Ion Ratio Lower Upper

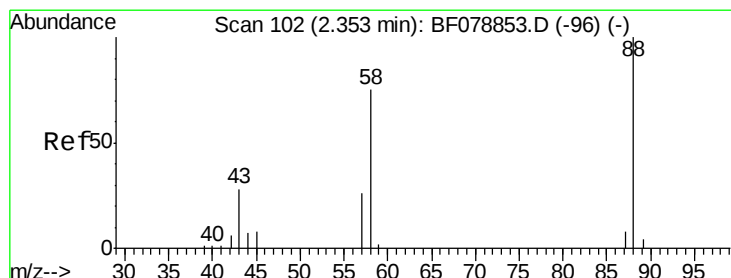
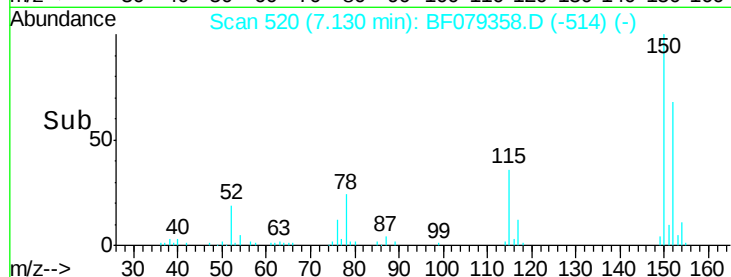
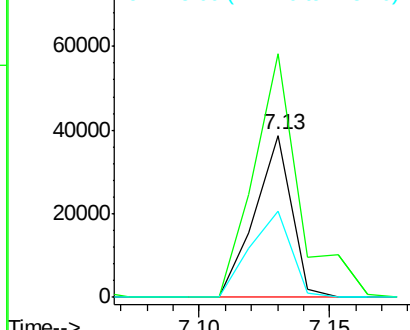
152 100

150 150.4 123.8 185.8

115 53.5 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: 34.51 ng m

RT: 2.00 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

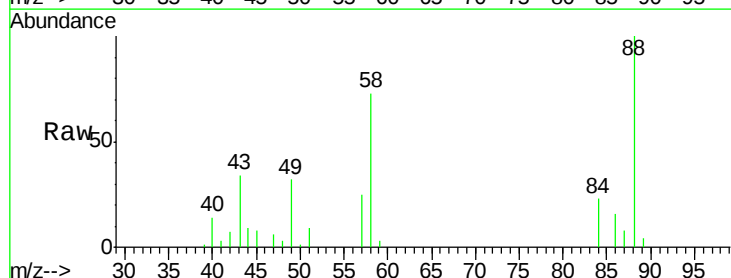
Tgt Ion: 88 Resp: 33446

Ion Ratio Lower Upper

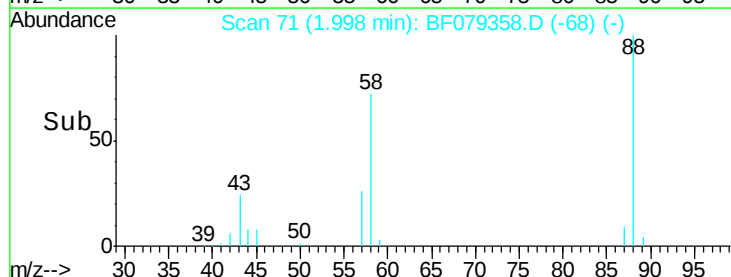
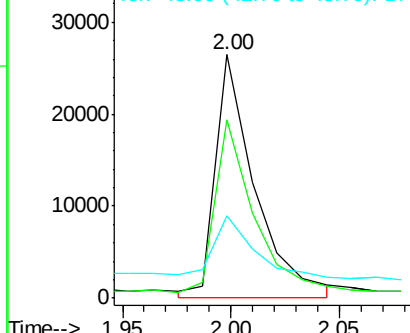
88 100

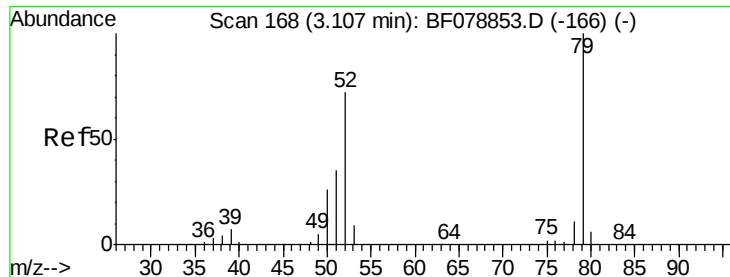
58 0.0 63.5 95.3#

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: 15.45 ng m

RT: 2.73 min Scan# 135

Delta R.T. 0.06 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

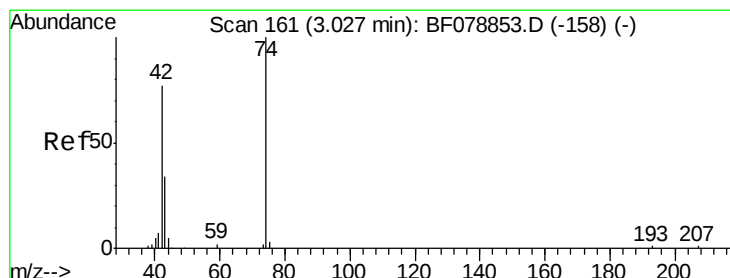
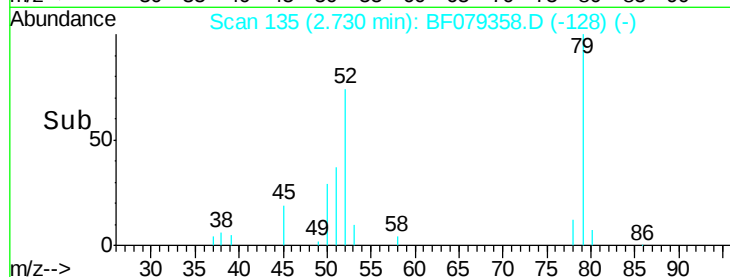
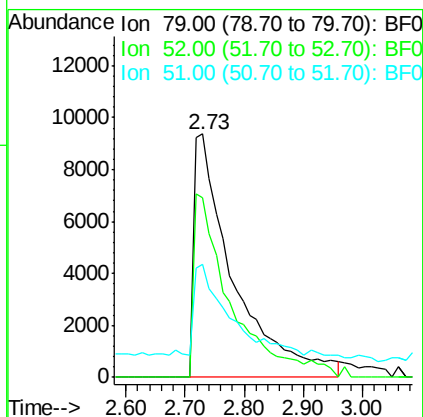
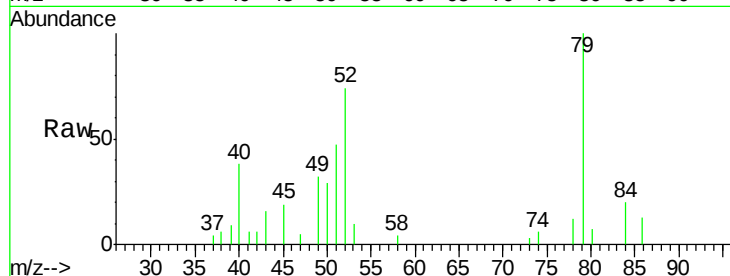
Tot Ion: 79 Resp: 43811

Ion Ratio Lower Upper

79 100

52 73.9 57.6 86.4

51 46.6 28.7 43.1#



#4

n-Nitrosodimethylamine

Concen: 43.30 ng m

RT: 2.60 min Scan# 124

Delta R.T. 0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

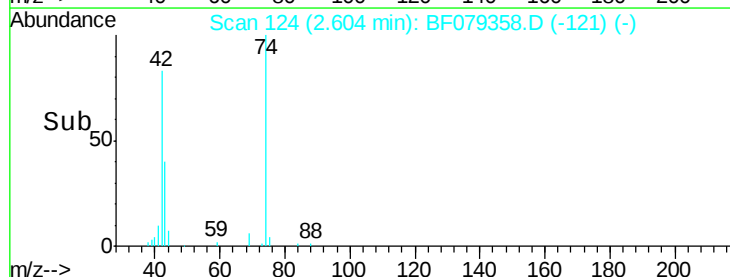
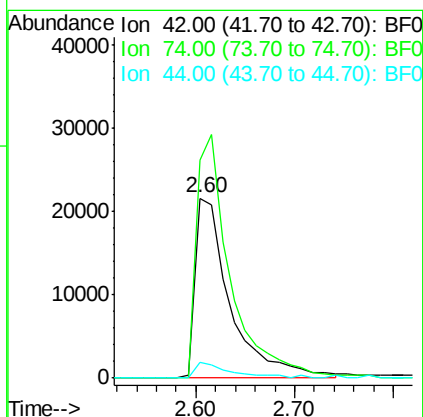
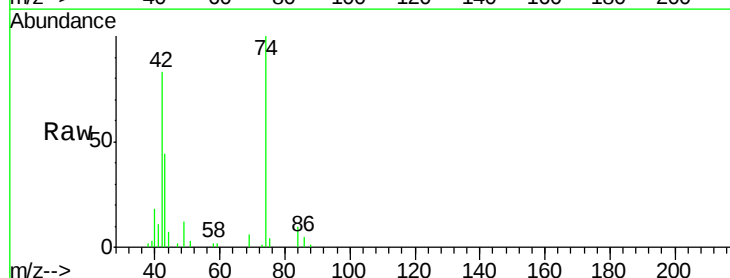
Tgt Ion: 42 Resp: 52626

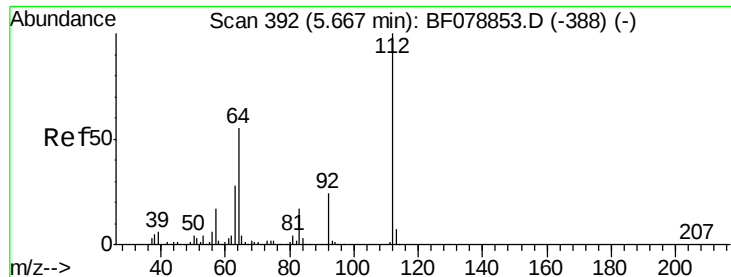
Ion Ratio Lower Upper

42 100

74 121.1 104.4 156.6

44 8.7 6.2 9.2





#5

2-Fluorophenol

Concen: 135.21 ng/mL

RT: 5.40 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampled :

SB-20MS

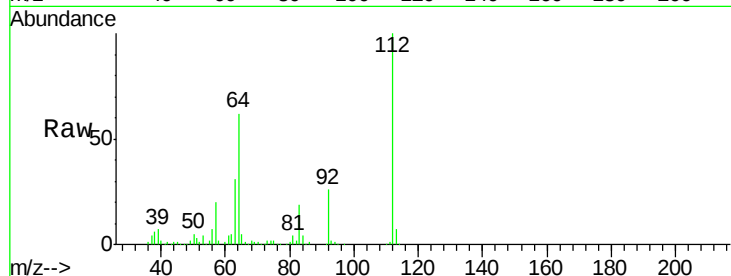
Tot Ion: 112 Resp: 301401

Ion Ratio Lower Upper

112 100

64 62.2 44.2 66.2

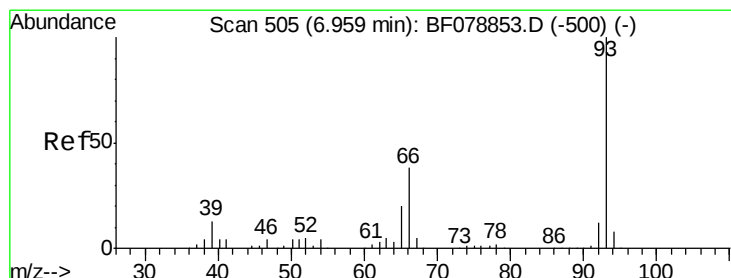
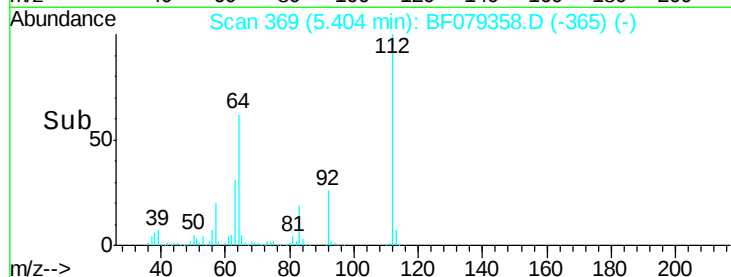
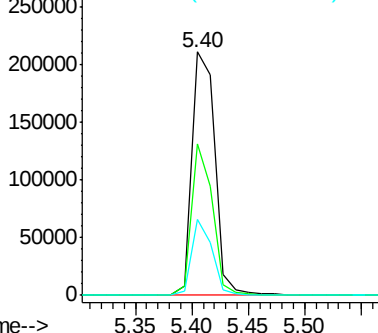
63 31.3 22.7 34.1



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: 19.54 ng

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

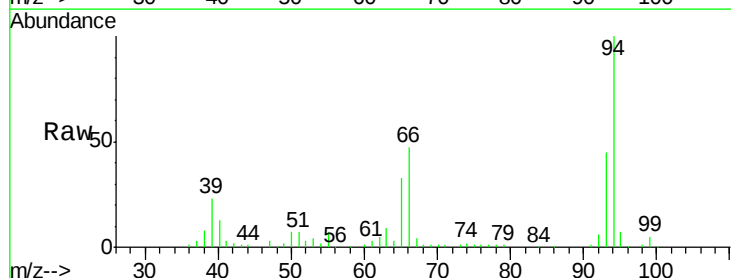
Tgt Ion: 93 Resp: 81269

Ion Ratio Lower Upper

93 100

66 102.8 30.7 46.1#

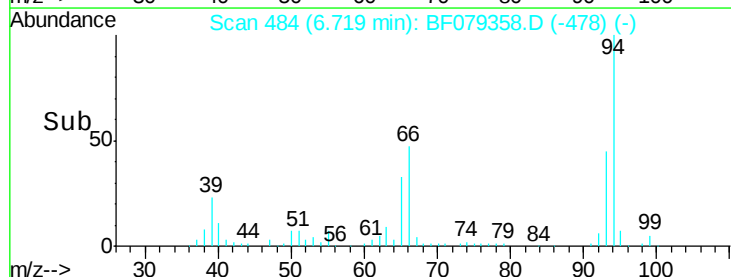
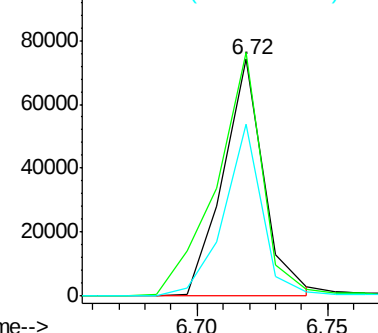
65 72.7 15.8 23.8#

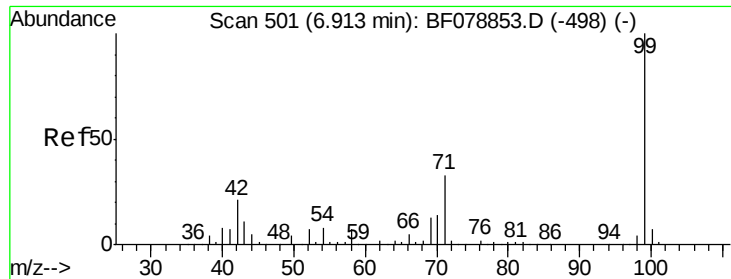


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.68 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

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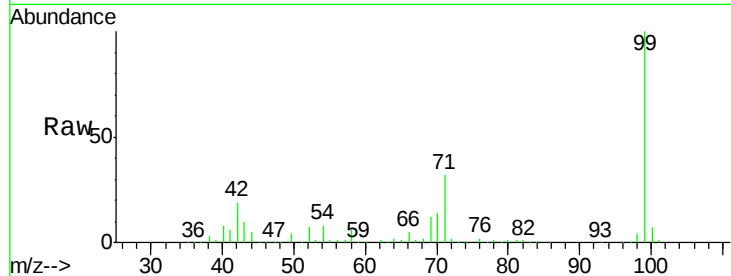
Tot Ion: 99 Resp: 399796

Ion Ratio Lower Upper

99 100

42 19.5 17.1 25.7

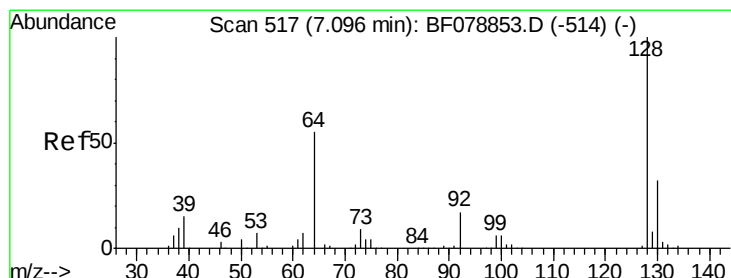
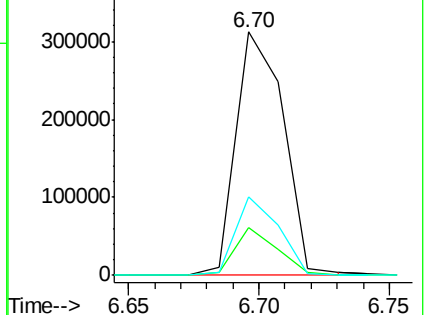
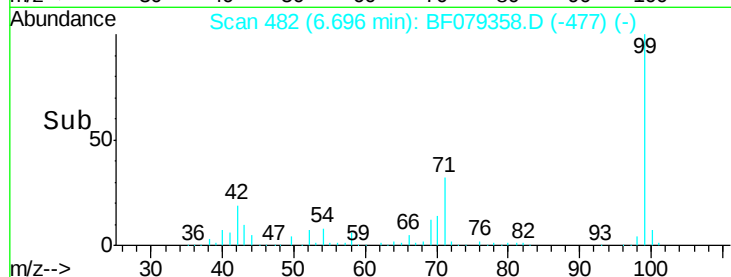
71 32.4 26.3 39.5



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: 45.94 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

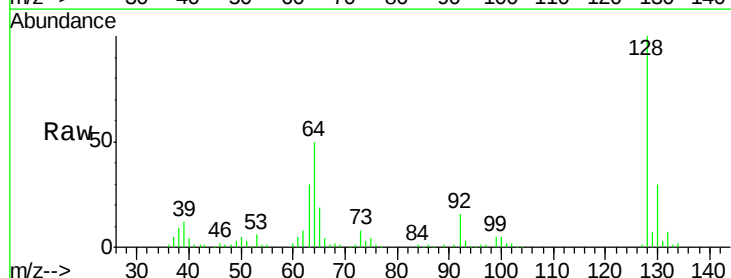
Tgt Ion: 128 Resp: 116146

Ion Ratio Lower Upper

128 100

130 30.3 12.4 52.4

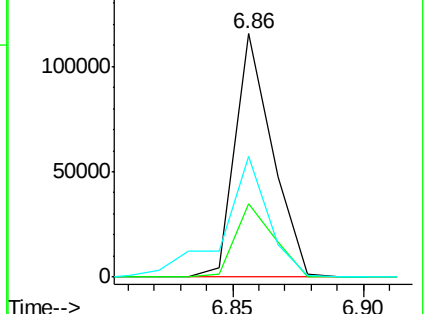
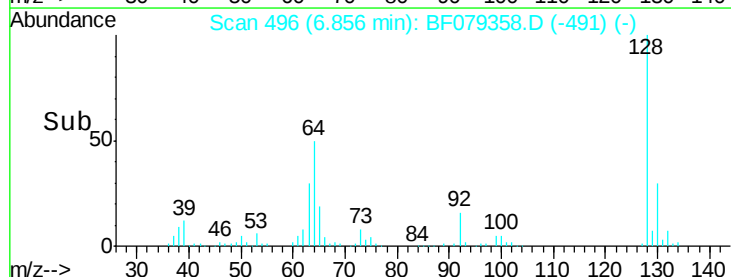
64 49.8 37.8 77.8

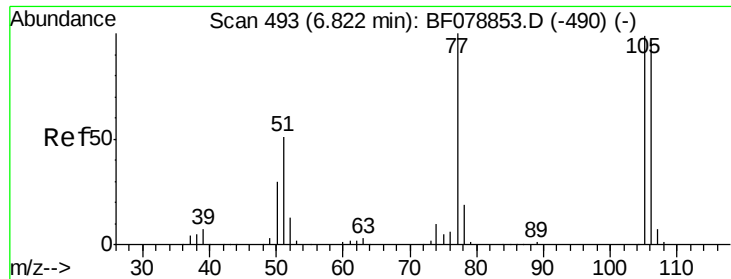


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.49 ng/mL

RT: 6.57 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

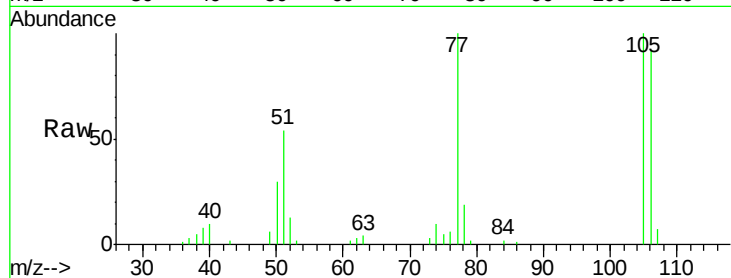
Tot Ion: 77 Resp: 36710

Ion Ratio Lower Upper

77 100

105 100.1 78.9 118.9

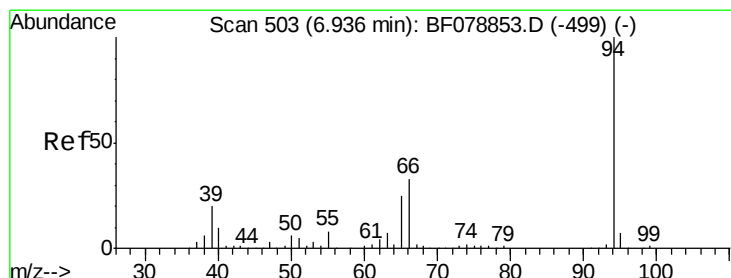
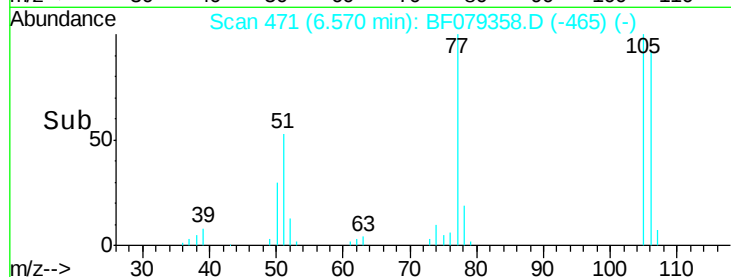
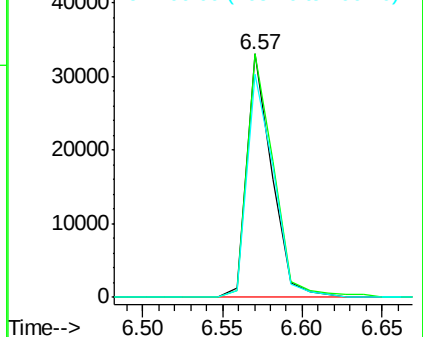
106 91.8 75.8 115.8



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: 43.73 ng/mL

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

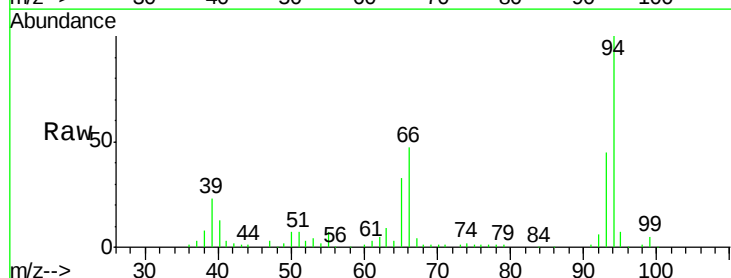
Tgt Ion: 94 Resp: 149472

Ion Ratio Lower Upper

94 100

65 33.0 5.1 45.1

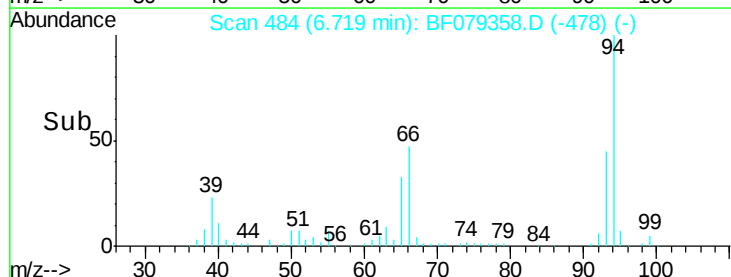
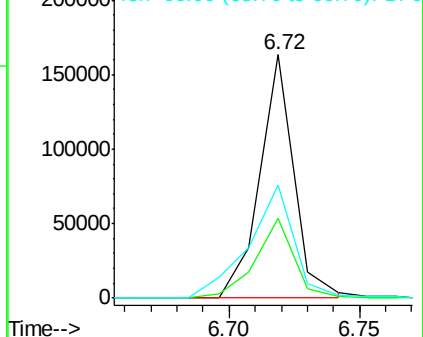
66 46.6 13.1 53.1

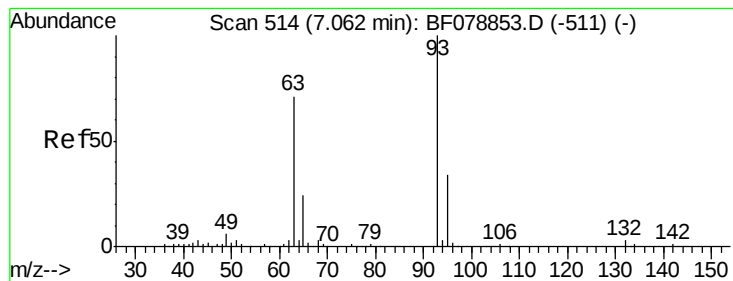


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.42 ng

RT: 6.82 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

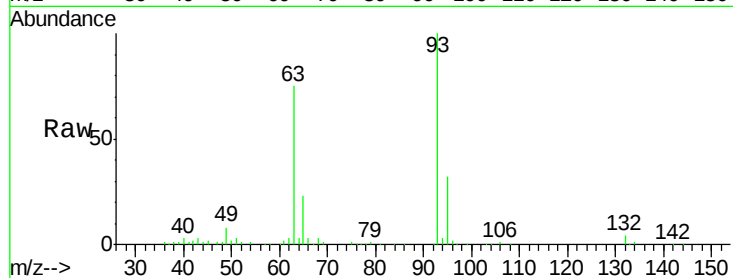
Tot Ion: 93 Resp: 113822

Ion Ratio Lower Upper

93 100

63 75.5 50.8 90.8

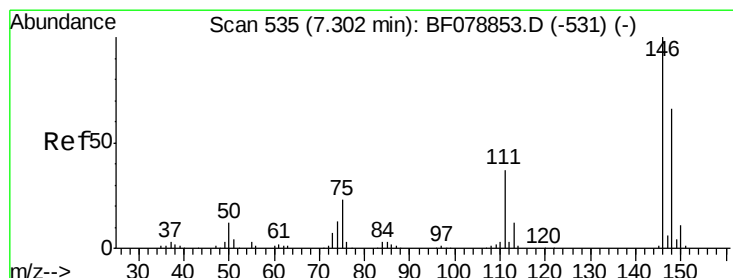
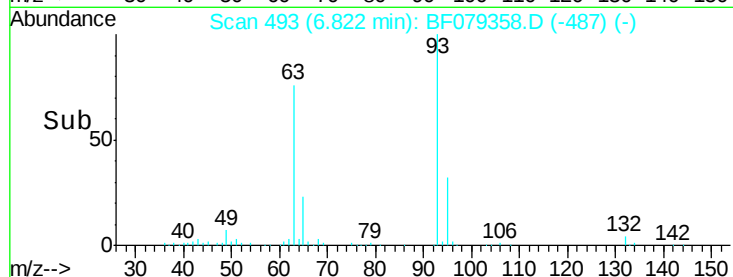
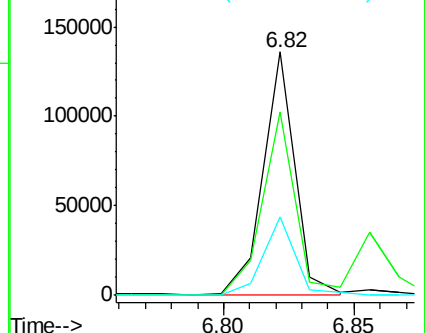
95 32.1 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.10 ng

RT: 7.05 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

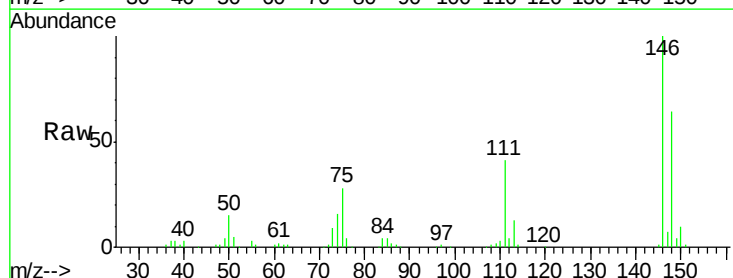
Tgt Ion: 146 Resp: 116795

Ion Ratio Lower Upper

146 100

148 64.2 52.4 78.6

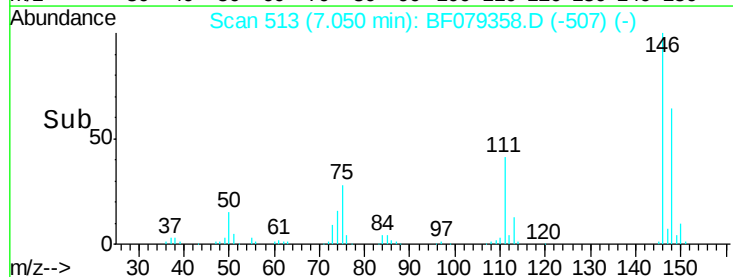
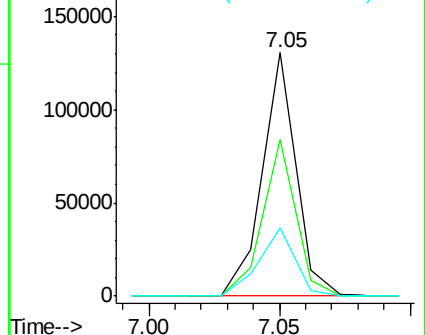
75 27.9 18.6 27.8#

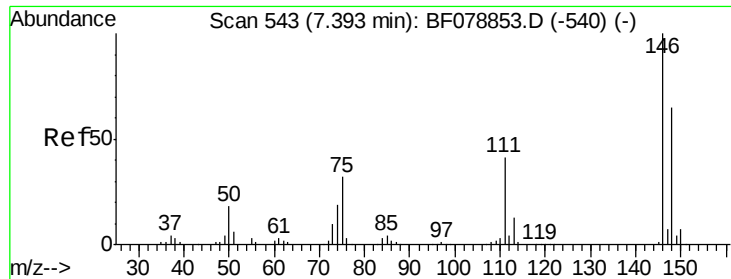


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

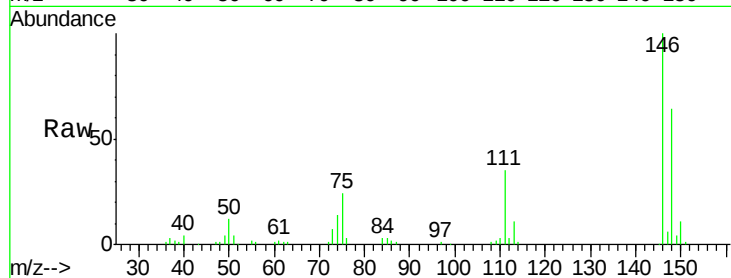




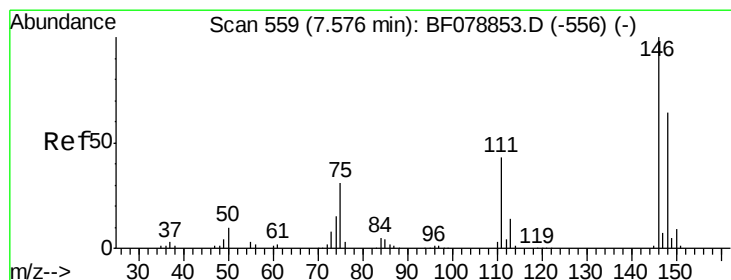
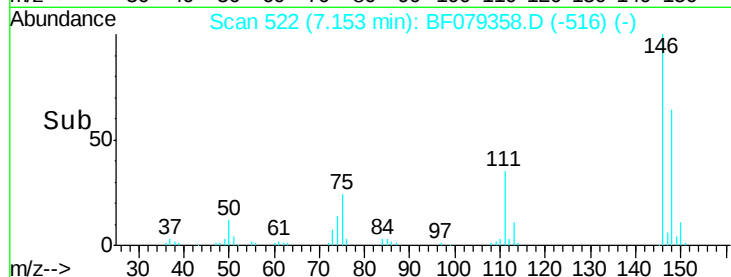
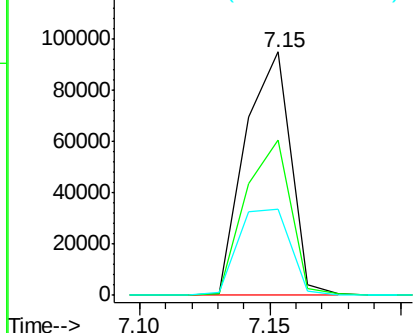
#13
 1,4-Dichlorobenzene
 Concen: 39.76 ng
 RT: 7.15 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tot Ion:146 Resp: 116293
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.7 77.5
 111 35.3 32.8 49.2

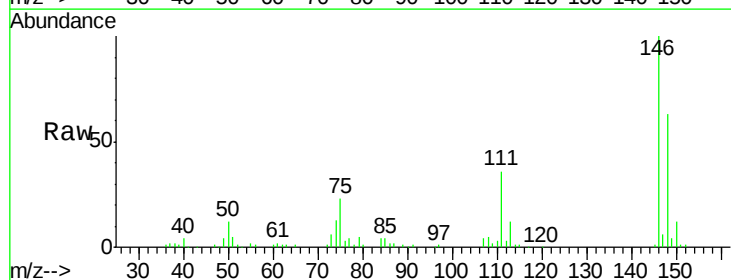


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

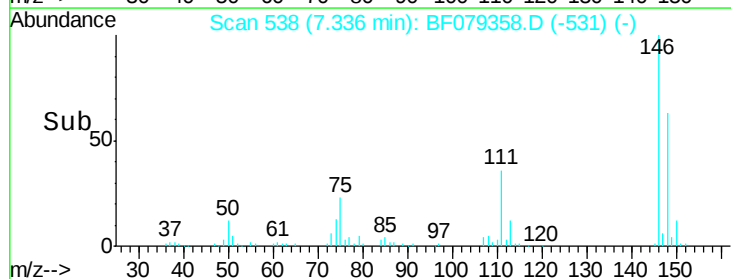
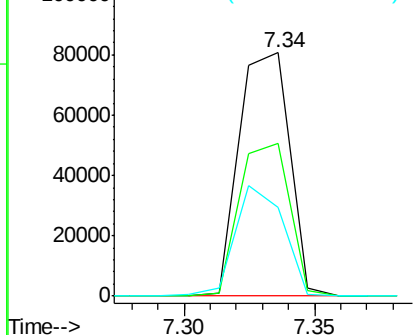


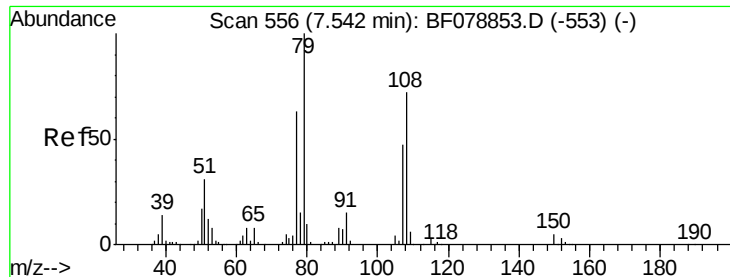
#14
 1,2-Dichlorobenzene
 Concen: 40.68 ng
 RT: 7.34 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:146 Resp: 110749
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.1 76.7
 111 36.4 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: 43.46 ng/mL

RT: 7.31 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleID :

SB-20MS

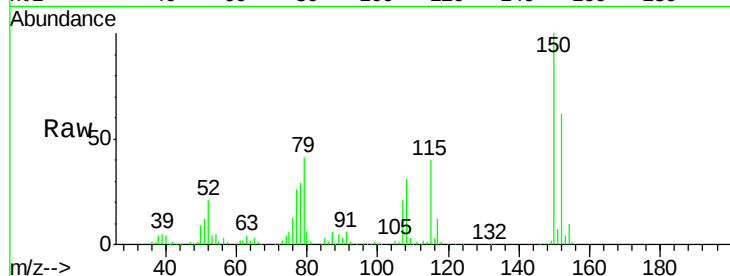
Tot Ion: 79 Resp: 95061

Ion Ratio Lower Upper

79 100

108 76.1 57.4 86.2

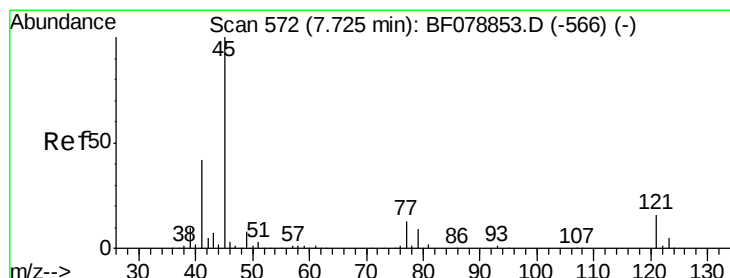
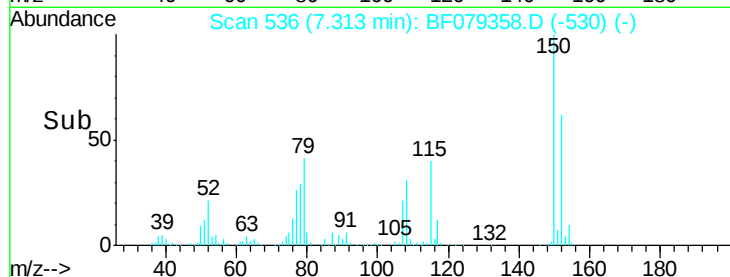
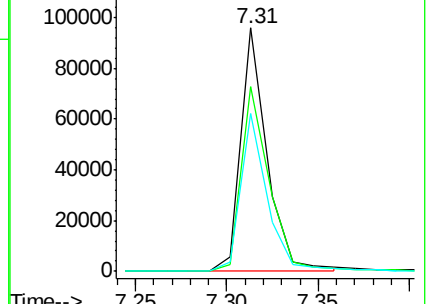
77 65.0 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.31 ng/mL

RT: 7.50 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

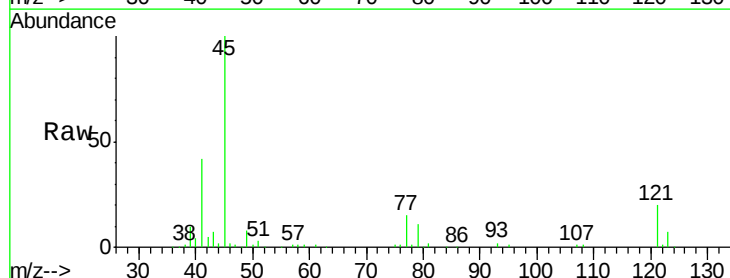
Tgt Ion: 45 Resp: 162202

Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.6

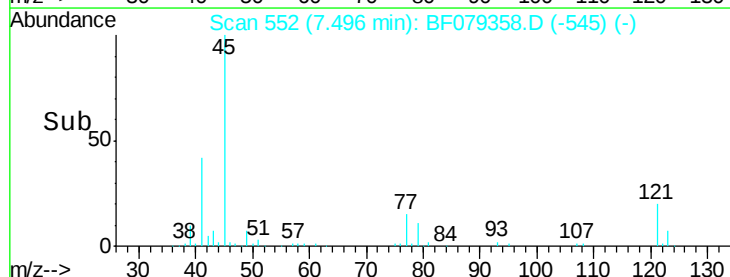
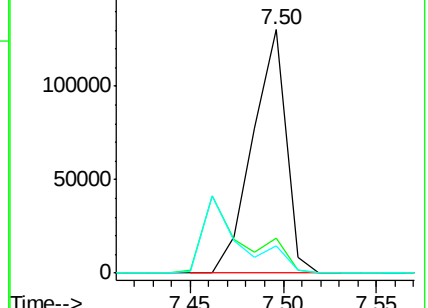
79 11.5 0.0 29.3

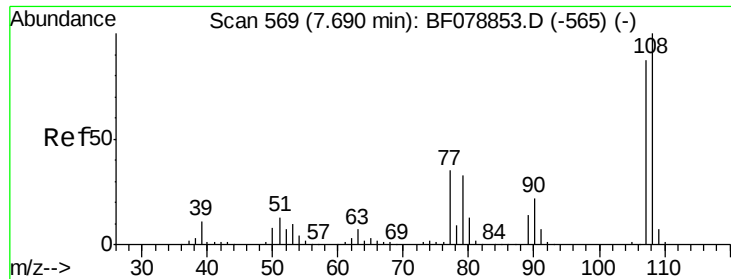


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

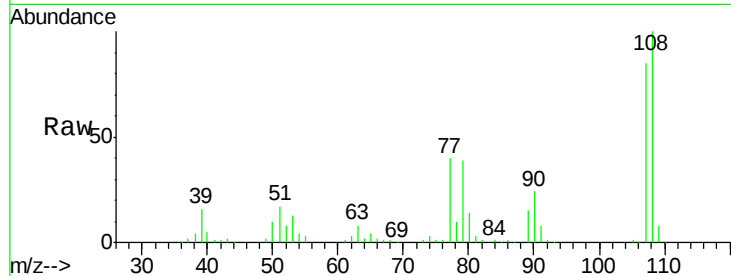




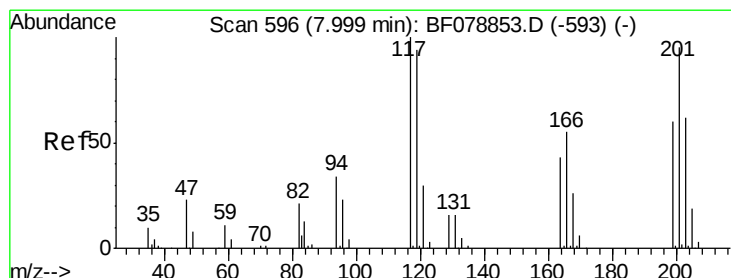
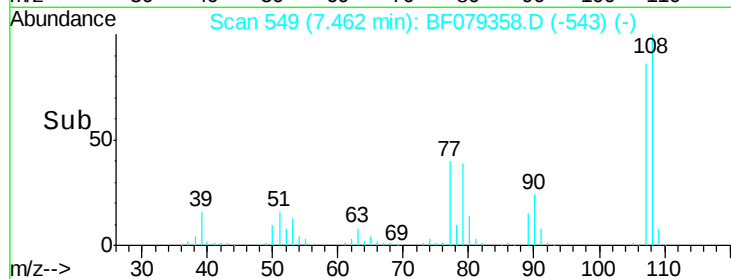
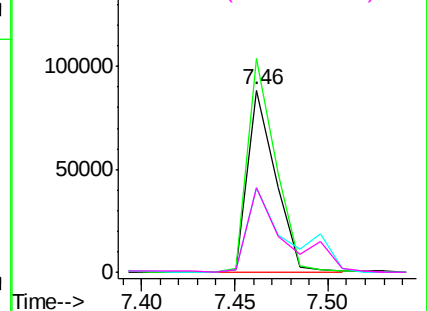
#17
2-Methylphenol
Concen: 45.53 ng
RT: 7.46 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Instrument :
BNA_F
ClientSampleId :
SB-20MS

Tot Ion:	107	Resp:	92636
Ion	Ratio	Lower	Upper
107	100		
108	117.2	92.4	138.6
77	46.5	32.6	49.0
79	46.3	30.9	46.3

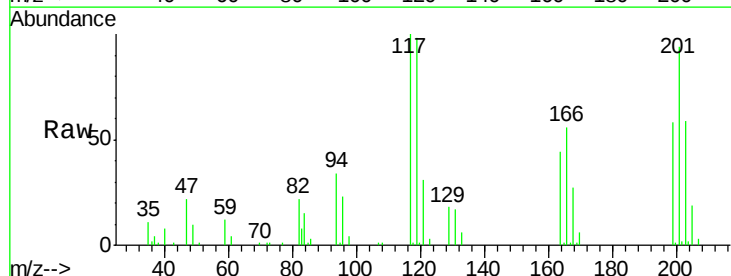


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

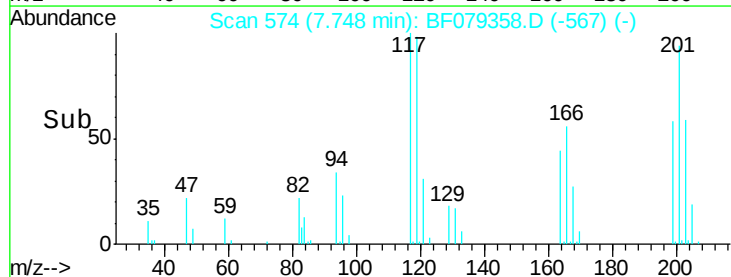
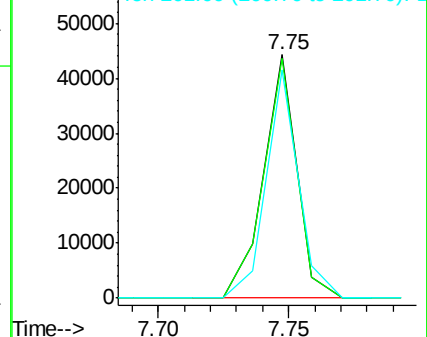


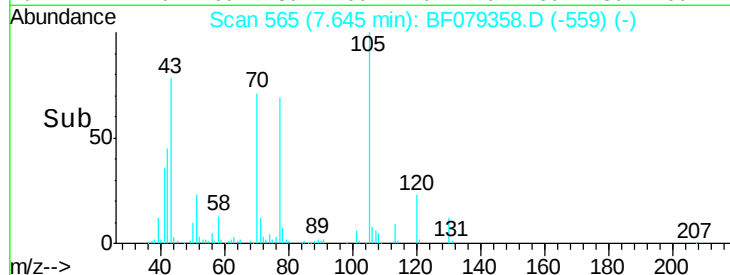
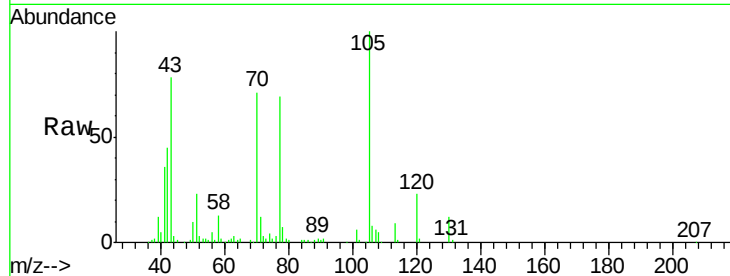
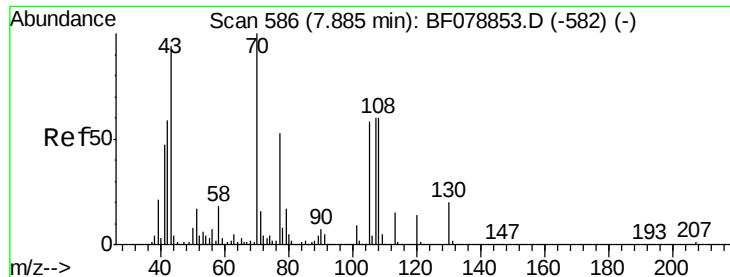
#18
Hexachloroethane
Concen: 39.52 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion:	117	Resp:	39812
Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.2	112.8
201	93.6	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

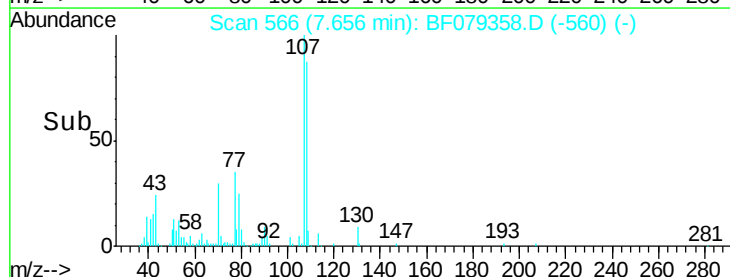
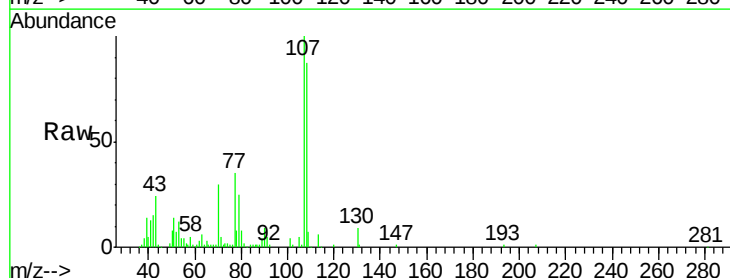
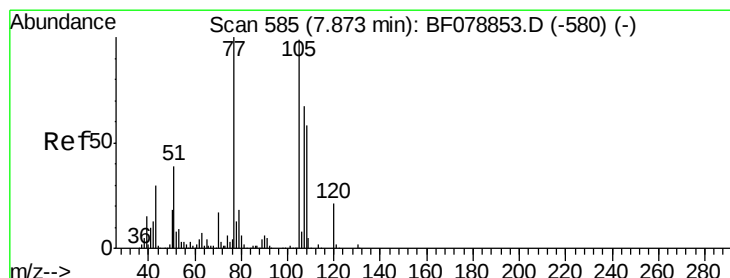
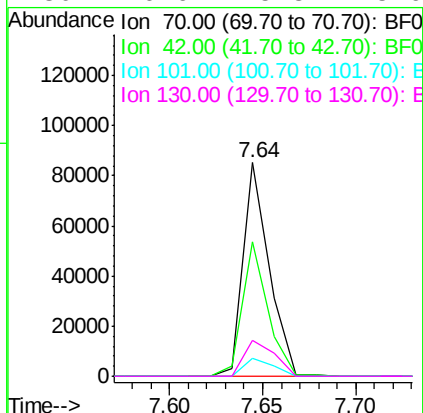




#19
n-Nitroso-di-n-propylamine
Concen: 41.60 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

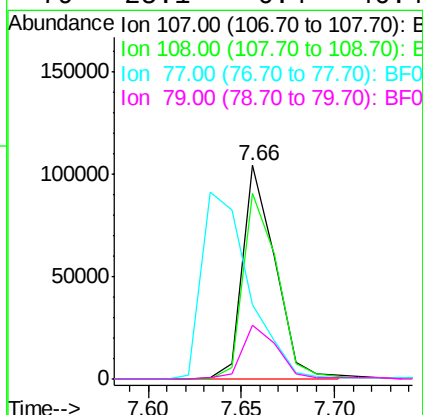
Instrument :
BNA_F
ClientSampleId :
SB-20MS

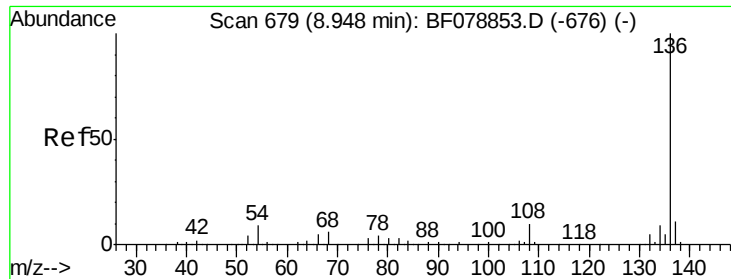
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	47.3	70.9
101	8.2	7.5	11.3
130	16.6	15.8	23.6



#20
3+4-Methylphenols
Concen: 46.75 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.5	106.5
77	34.9	130.6	170.6#
79	25.1	6.4	46.4

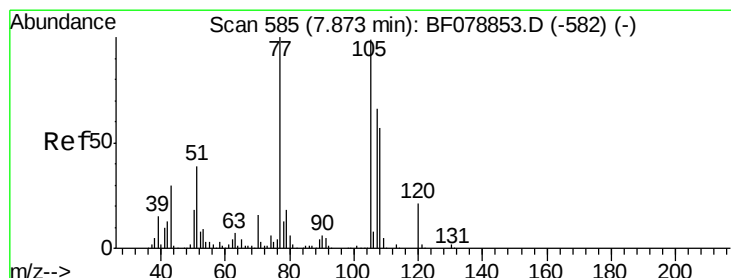
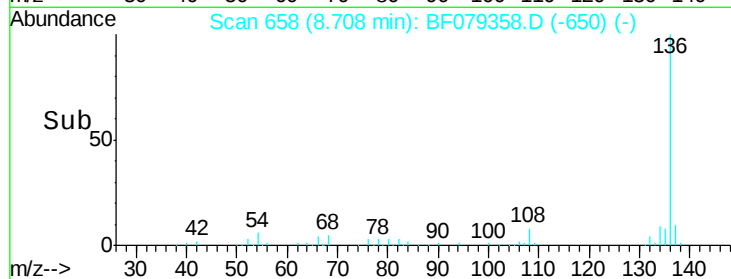
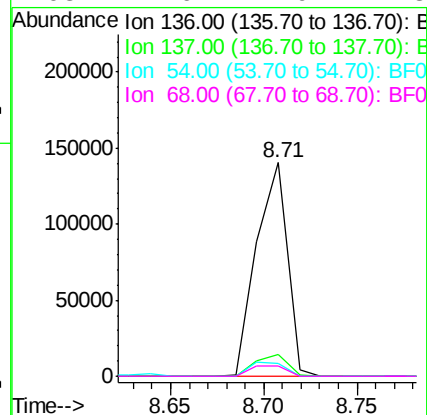
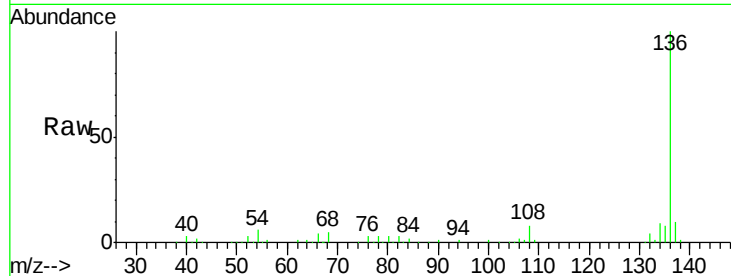




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

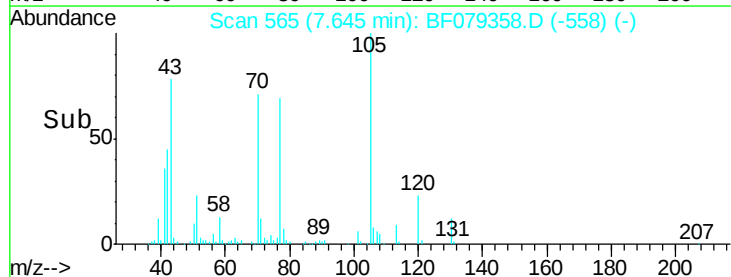
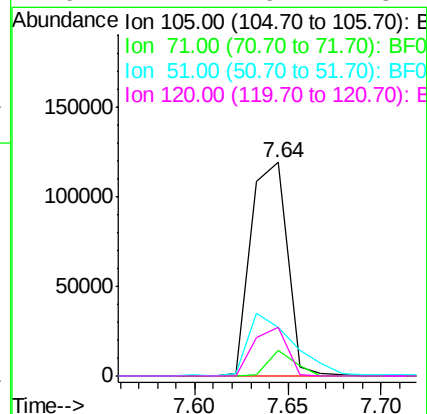
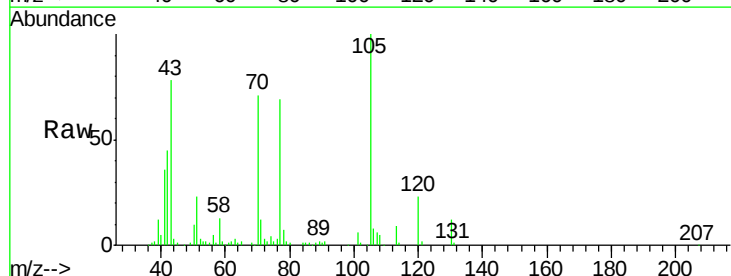
Instrument :
BNA_F
ClientSampleId :
SB-20MS

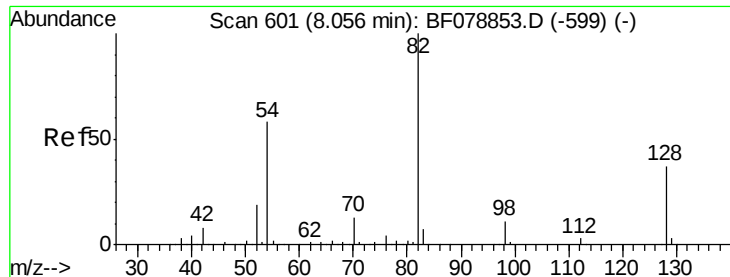
Tot Ion:136	Resp:	160888
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	5.9	6.9 10.3#
68	4.6	4.9 7.3#



#22
Acetophenone
Concen: 44.69 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion:105	Resp:	162447
Ion Ratio	Lower	Upper
105	100	
71	11.9	2.2 3.4#
51	22.8	31.1 46.7#
120	22.7	16.7 25.1

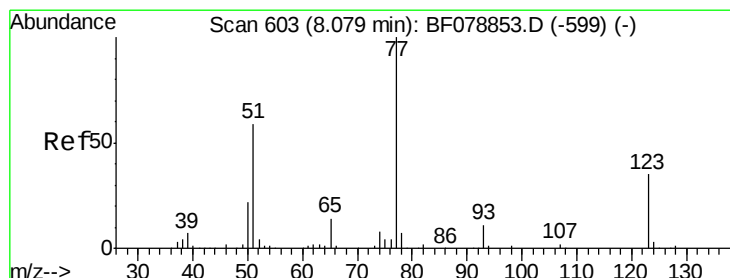
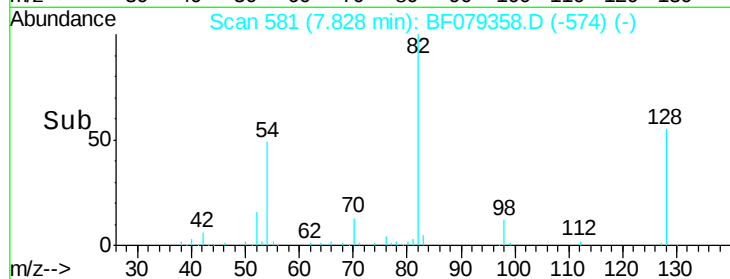
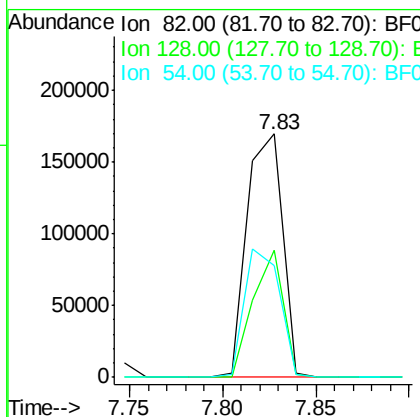
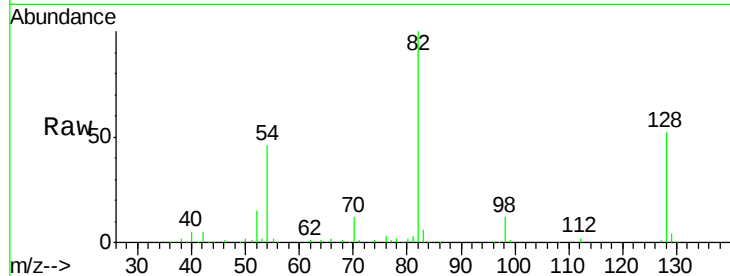




#23
 Nitrobenzene-d5
 Concen: 80.46 ng
 RT: 7.83 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

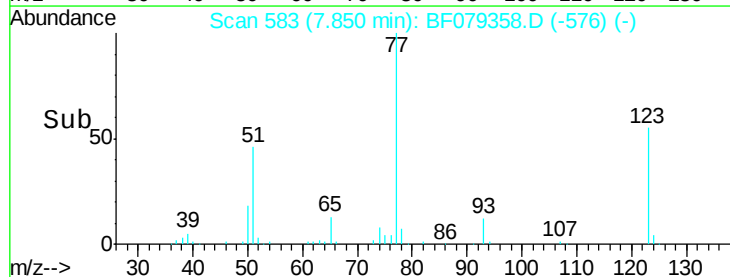
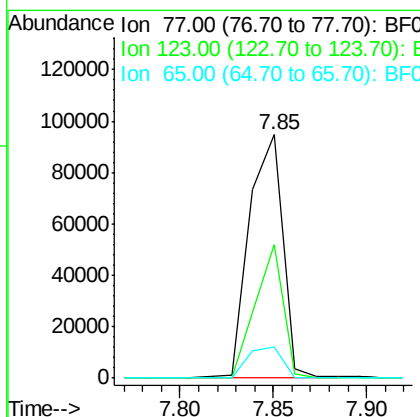
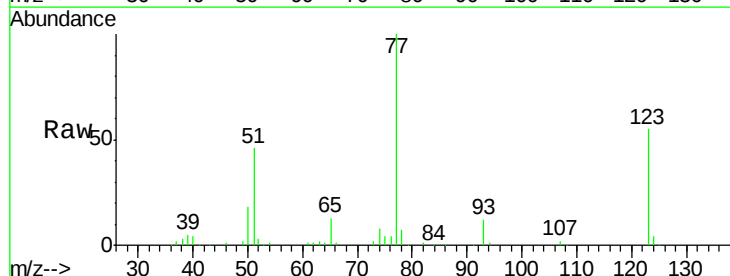
Instrument :
 BNA_F
 ClientSampled :
 SB-20MS

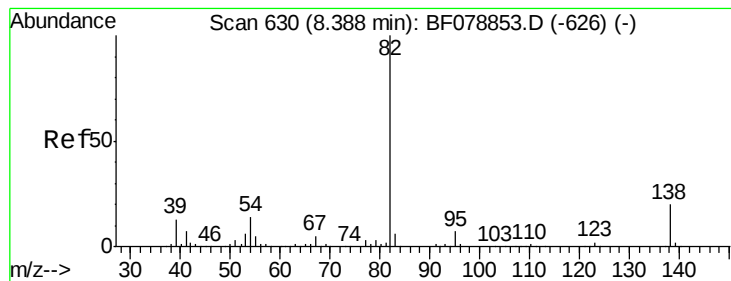
Tot Ion: 82 Resp: 225237
 Ion Ratio Lower Upper
 82 100
 128 52.2 29.7 44.5#
 54 45.8 46.2 69.4#



#24
 Nitrobenzene
 Concen: 43.16 ng
 RT: 7.85 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion: 77 Resp: 119774
 Ion Ratio Lower Upper
 77 100
 123 54.9 28.3 42.5#
 65 12.6 11.0 16.4





#25

Isophorone

Concen: 44.03 ng

RT: 8.15 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

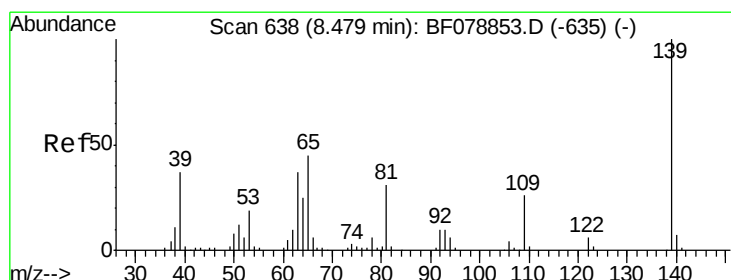
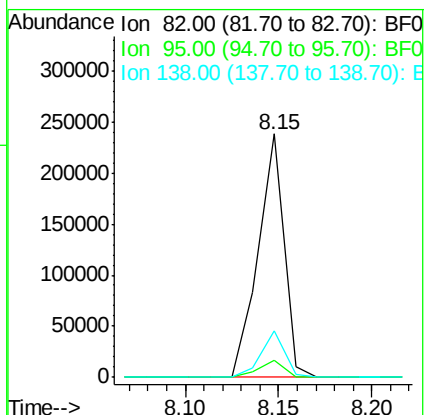
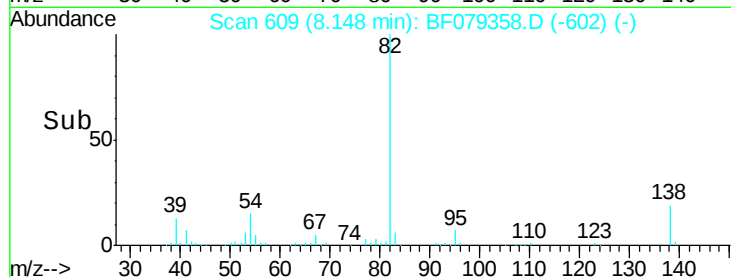
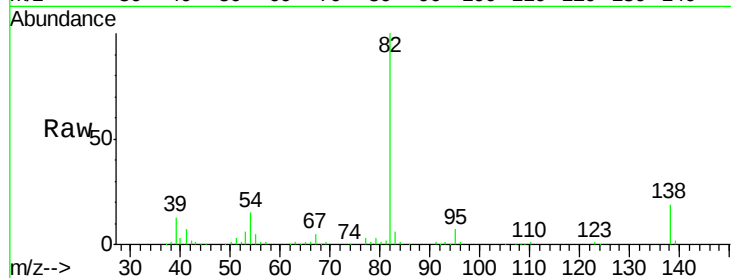
Tot Ion: 82 Resp: 228508

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 19.2 16.1 24.1



#26

2-Nitrophenol

Concen: 49.28 ng

RT: 8.24 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

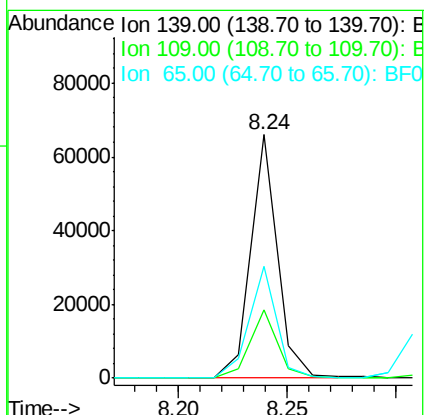
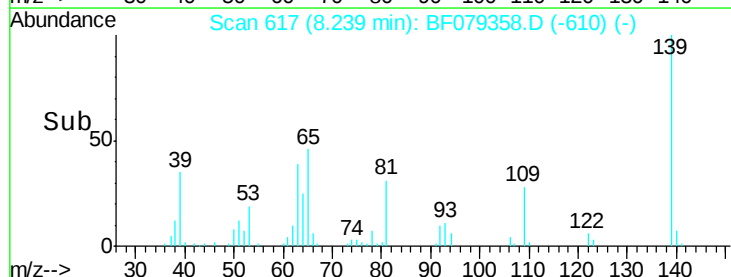
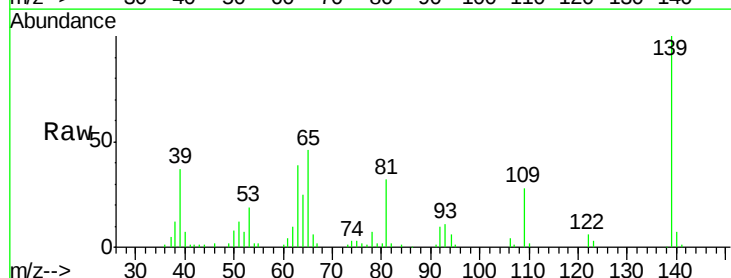
Tgt Ion: 139 Resp: 56598

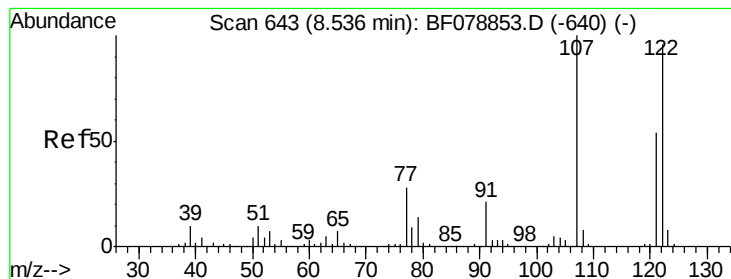
Ion Ratio Lower Upper

139 100

109 28.2 20.9 31.3

65 46.1 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 47.02 ng

RT: 8.31 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

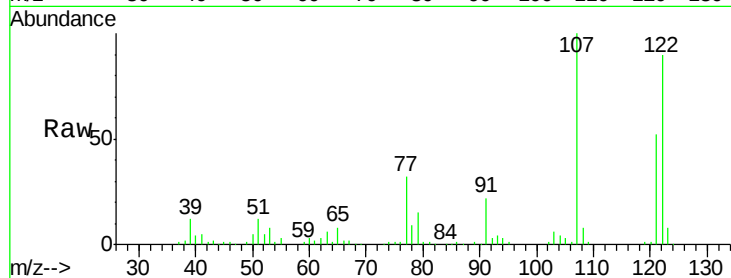
Tot Ion:122 Resp: 108052

Ion Ratio Lower Upper

122 100

107 110.6 83.6 125.4

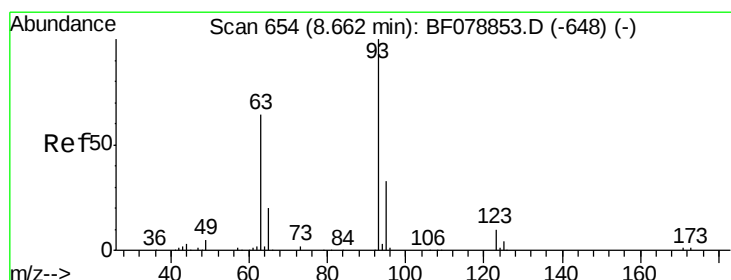
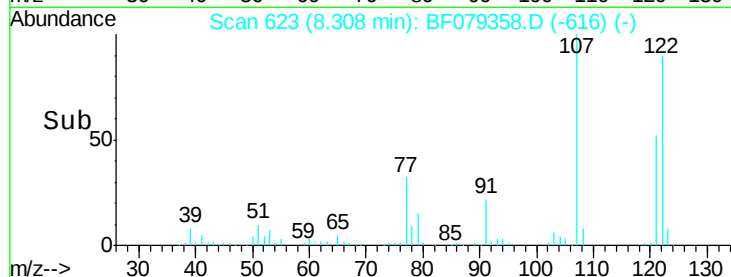
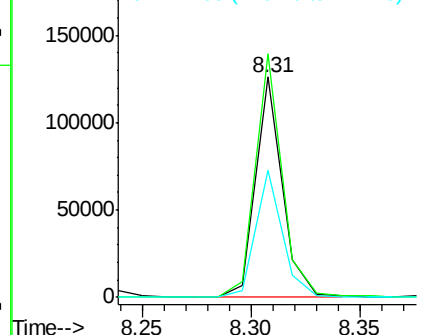
121 57.6 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.97 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

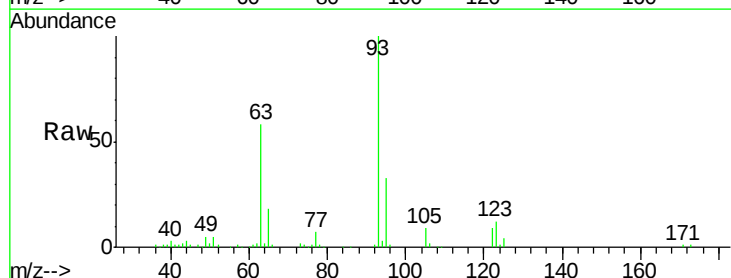
Tgt Ion: 93 Resp: 140691

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

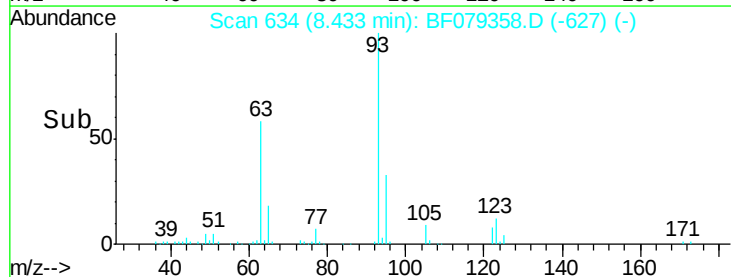
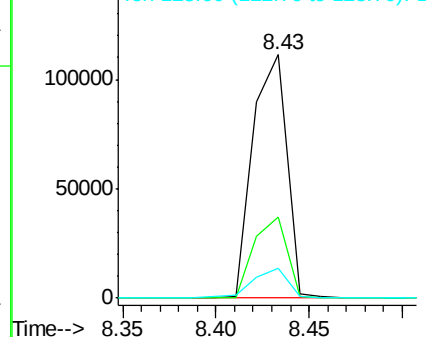
123 12.2 8.6 12.8

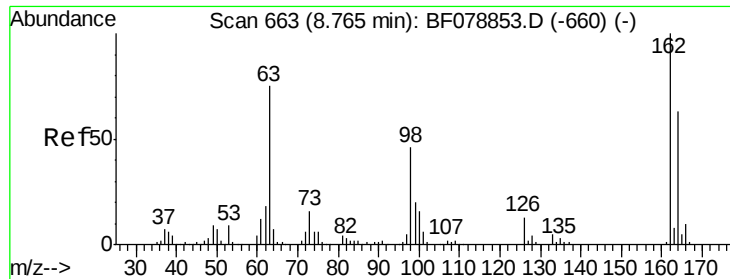


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

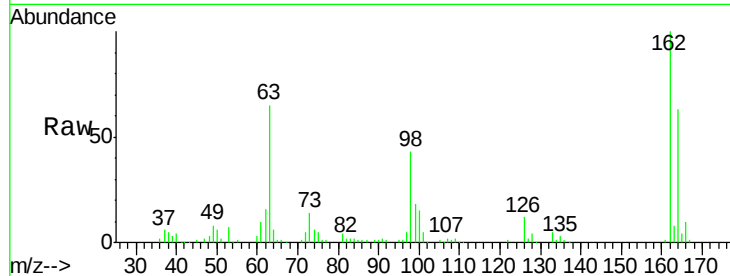




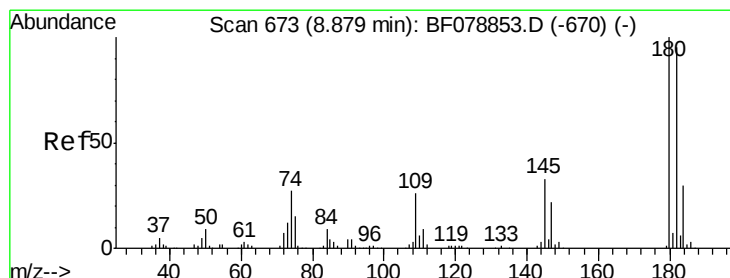
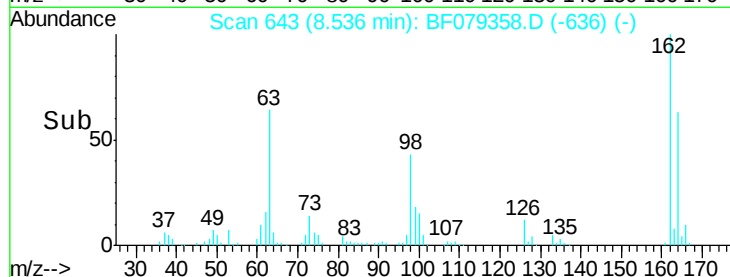
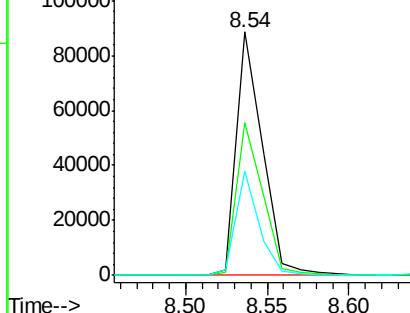
#29
 2,4-Dichlorophenol
 Concen: 47.77 ng
 RT: 8.54 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	42.8	26.3	66.3

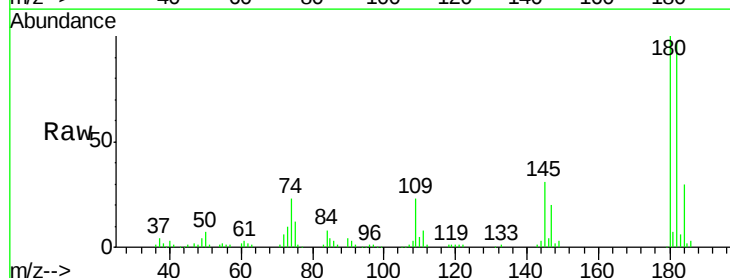


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

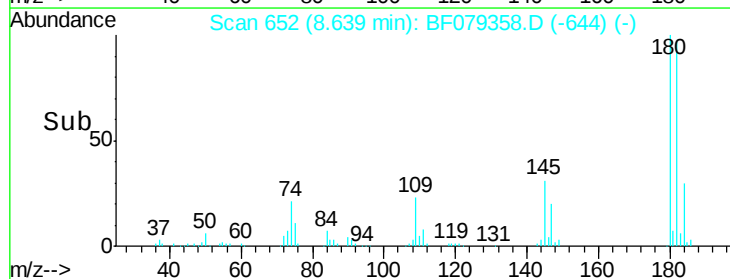
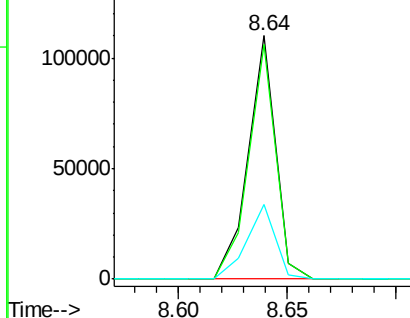


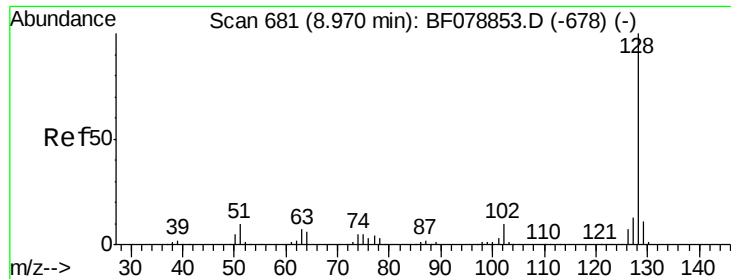
#30
 1,2,4-Trichlorobenzene
 Concen: 43.10 ng
 RT: 8.64 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.7	113.5
145	30.6	26.2	39.4



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

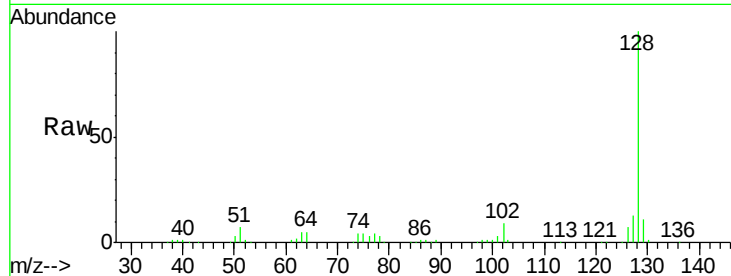




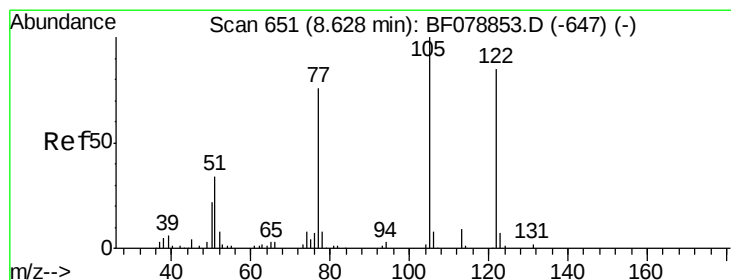
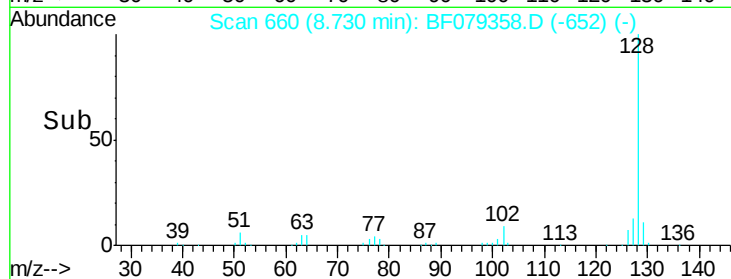
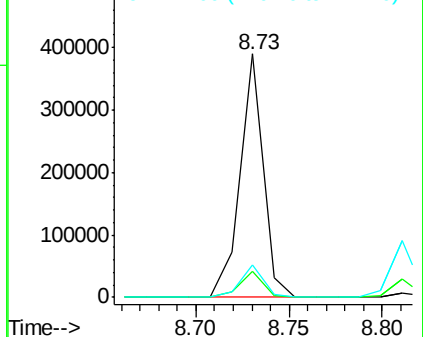
#31
Naphthalene
Concen: 44.37 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Instrument :
BNA_F
ClientSampleId :
SB-20MS

Tot Ion:128 Resp: 340119
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.1 10.3 15.5

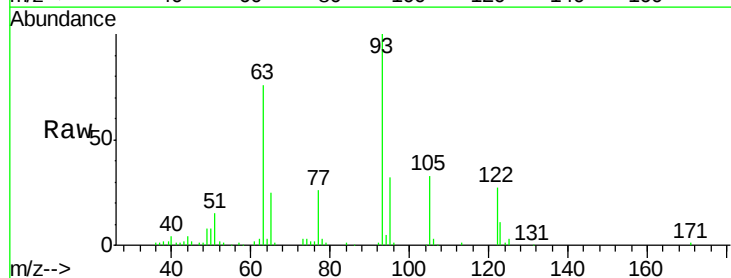


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

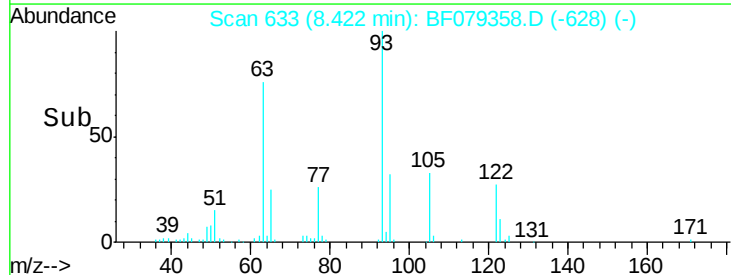
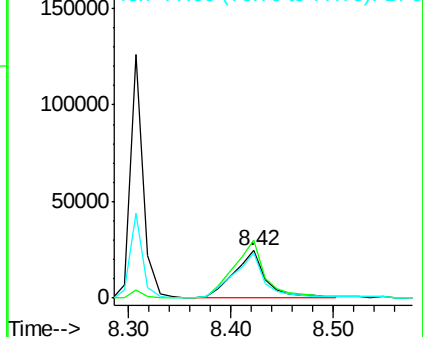


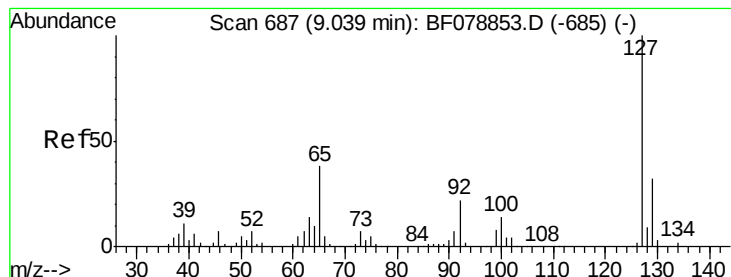
#32
Benzoic acid
Concen: 39.58 ng m
RT: 8.42 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion:122 Resp: 55137
Ion Ratio Lower Upper
122 100
105 121.7 100.7 140.7
77 94.5 72.0 112.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 25.93 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampled :

SB-20MS

Tot Ion:127 Resp: 84100

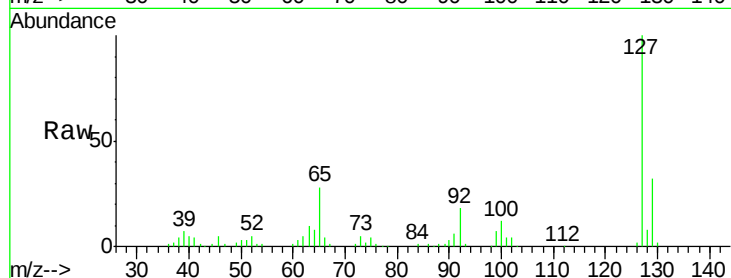
Ion Ratio Lower Upper

127 100

129 32.3 25.6 38.4

65 28.1 30.2 45.4#

92 17.7 17.5 26.3

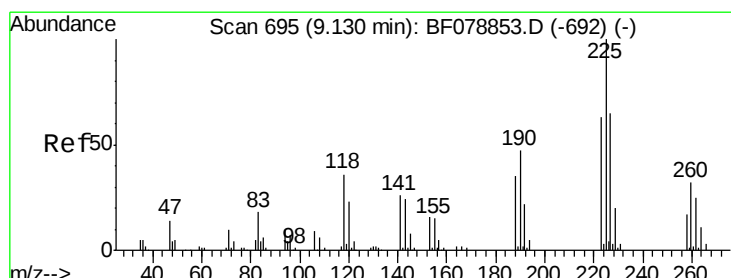
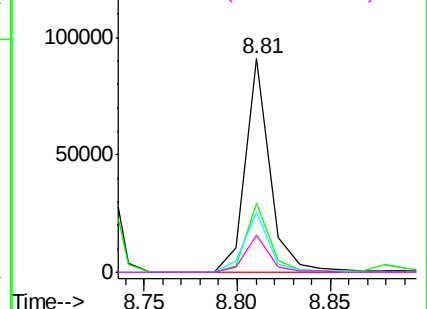
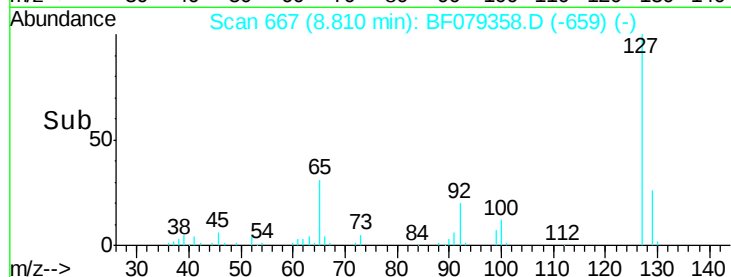


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.00 ng

RT: 8.89 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

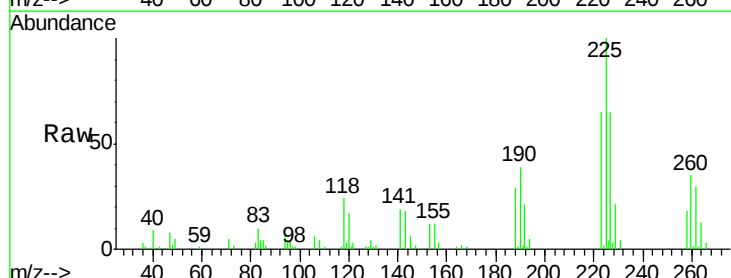
Tgt Ion:225 Resp: 47837

Ion Ratio Lower Upper

225 100

223 64.6 50.6 75.8

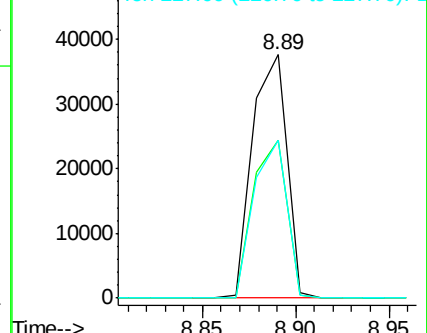
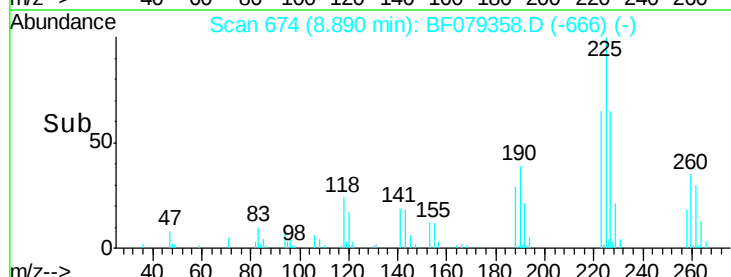
227 65.0 52.1 78.1

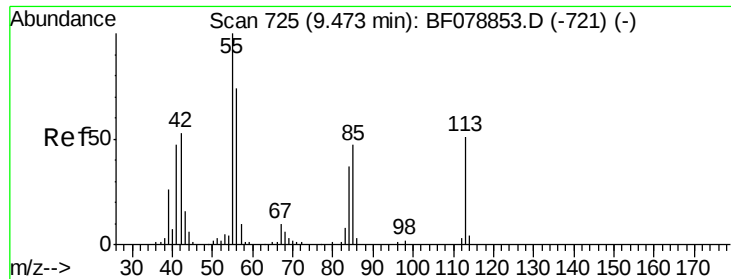


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

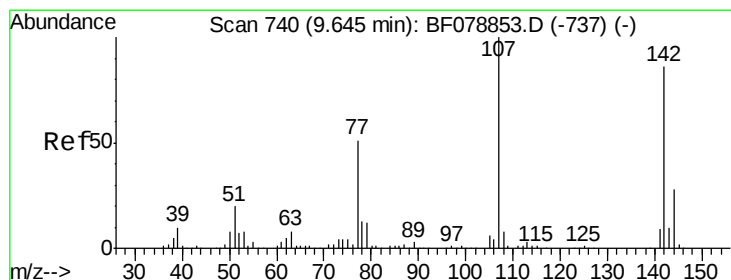
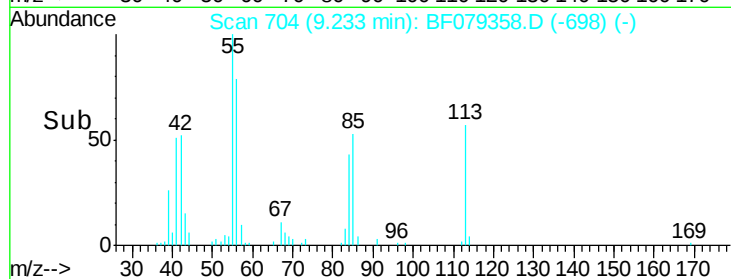
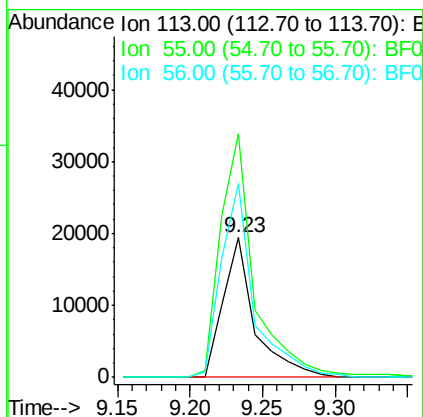
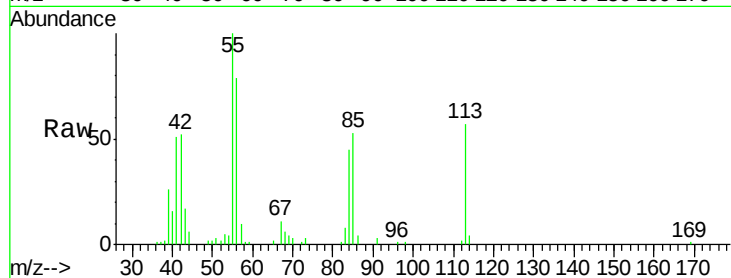




#35
 Caprolactam
 Concen: 44.19 ng
 RT: 9.23 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

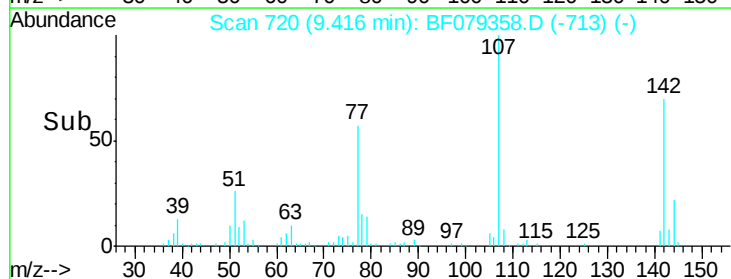
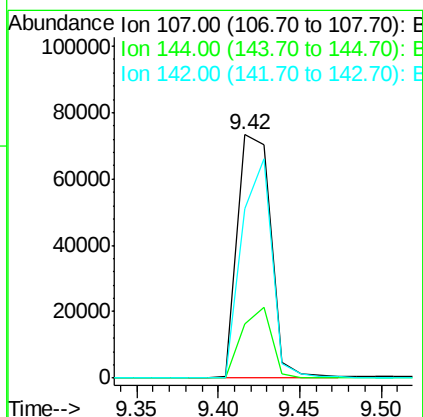
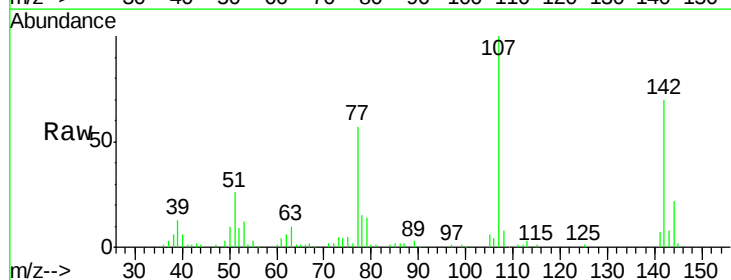
Instrument :
 BNA_F
 ClientSampled :
 SB-20MS

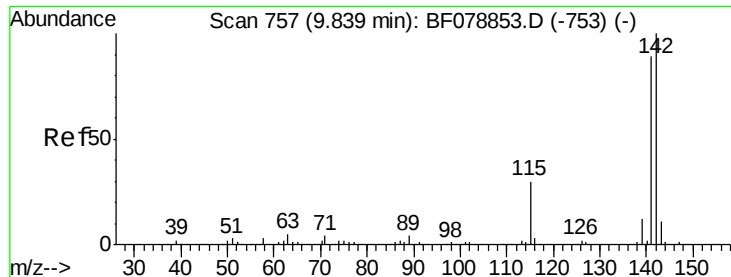
Tot Ion:113 Resp: 29202
 Ion Ratio Lower Upper
 113 100
 55 174.5 176.0 216.0#
 56 138.6 123.8 163.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.47 ng
 RT: 9.42 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:107 Resp: 104043
 Ion Ratio Lower Upper
 107 100
 144 22.2 22.5 33.7#
 142 69.8 68.6 103.0

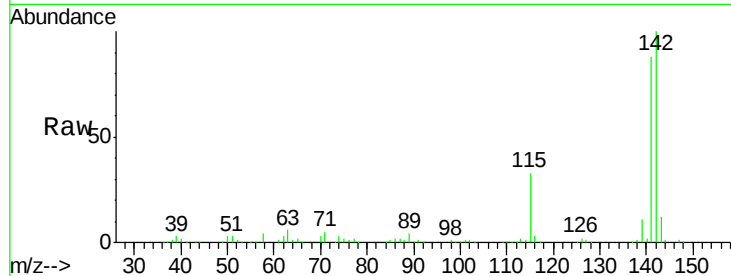




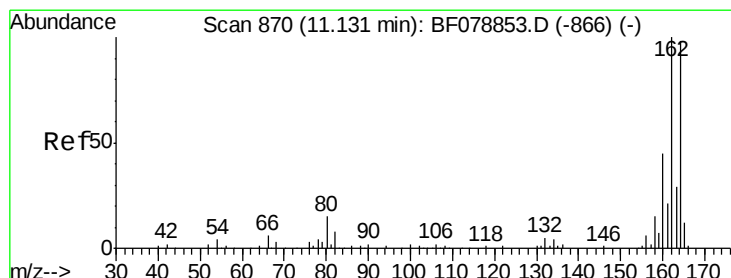
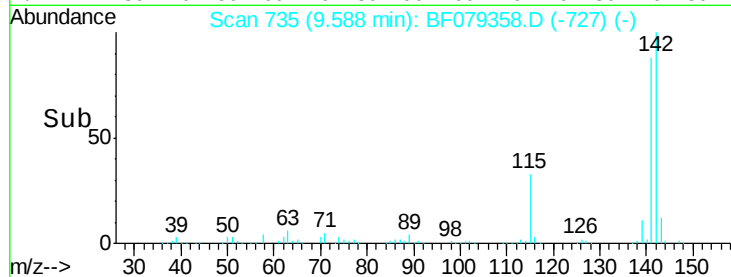
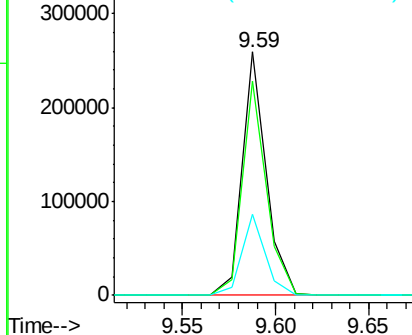
#37
 2-Methylnaphthalene
 Concen: 43.68 ng
 RT: 9.59 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tot Ion:142 Resp: 232027
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.6 107.4
 115 33.4 24.2 36.4

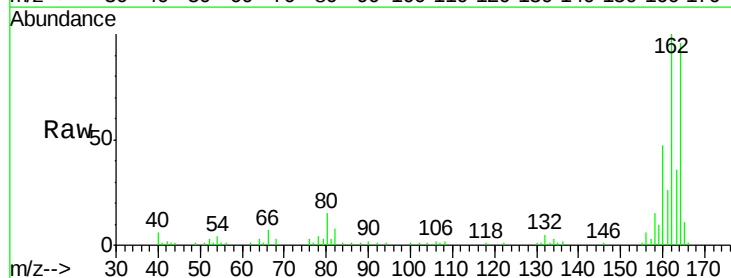


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

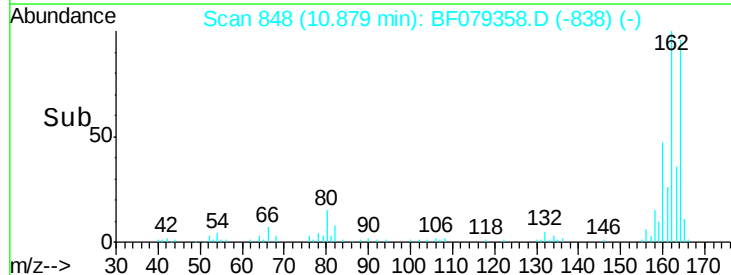
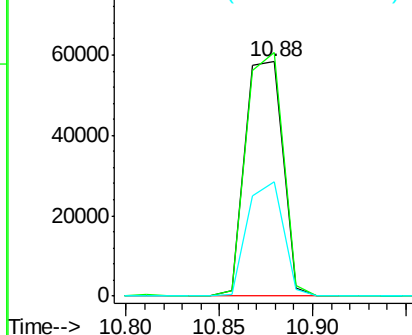


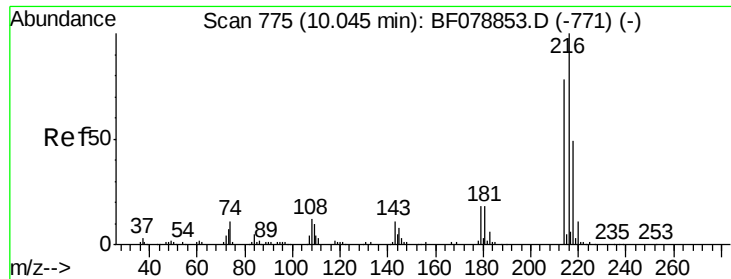
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:164 Resp: 81480
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.4 122.0
 160 48.7 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

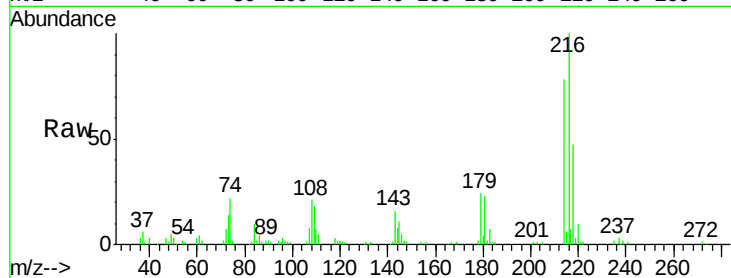




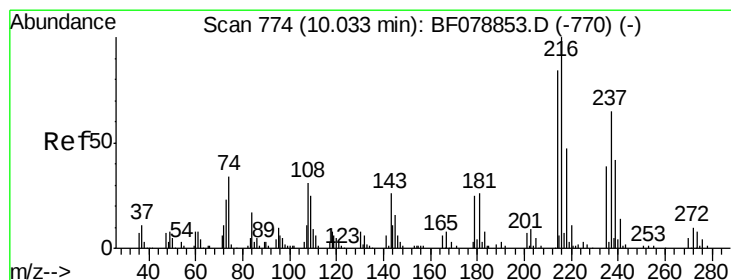
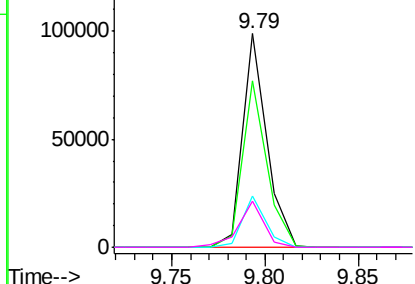
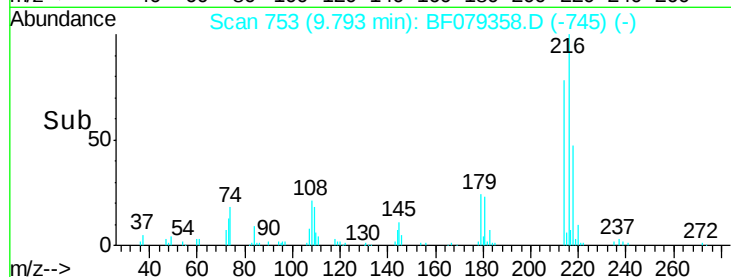
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.01 ng
 RT: 9.79 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tot Ion:216	Resp:	89512
Ion Ratio	Lower	Upper
216	100	
214	78.1	64.0 96.0
179	23.2	17.0 25.4
108	22.9	17.0 25.6

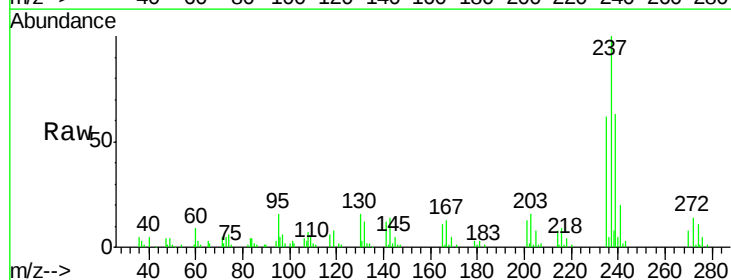


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

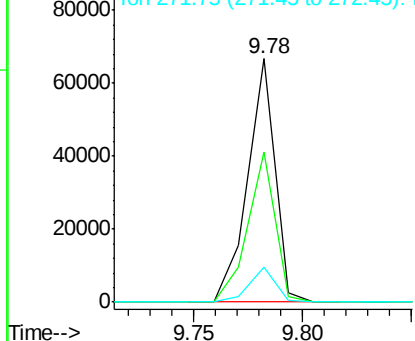
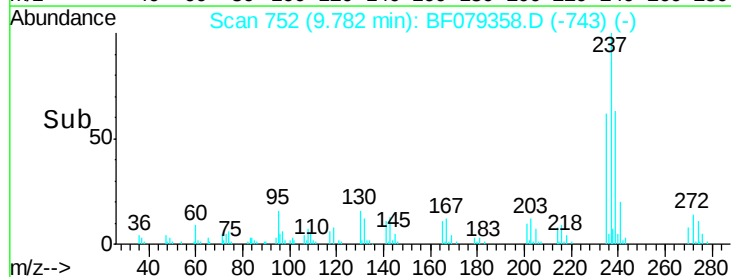


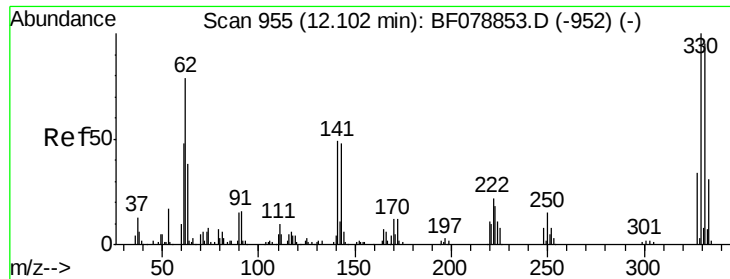
#40
 Hexachlorocyclopentadiene
 Concen: 50.45 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:237	Resp:	58210
Ion Ratio	Lower	Upper
237	100	
235	61.7	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

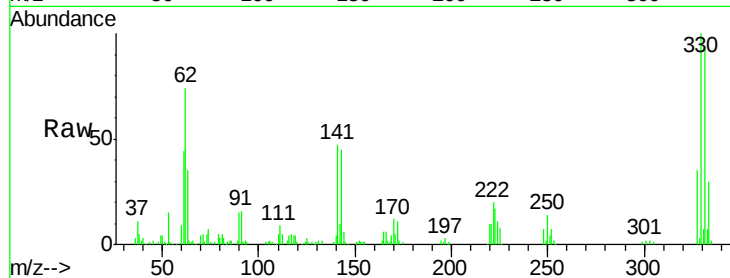




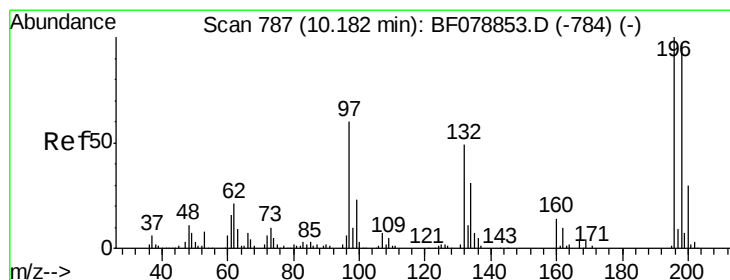
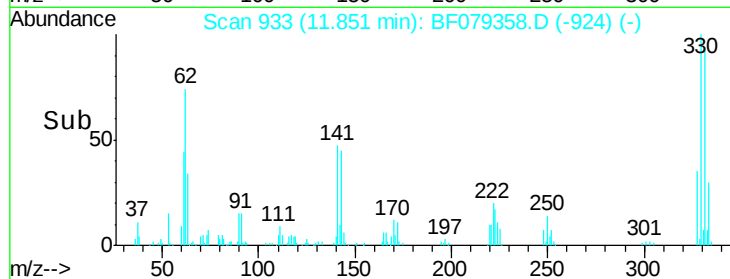
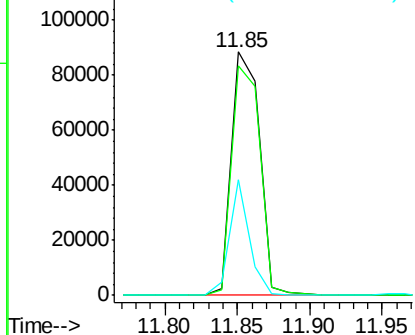
#41
 2,4,6-Tribromophenol
 Concen: 135.03 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tot Ion:330 Resp: 119027
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.9 115.3
 141 33.4 27.8 41.8

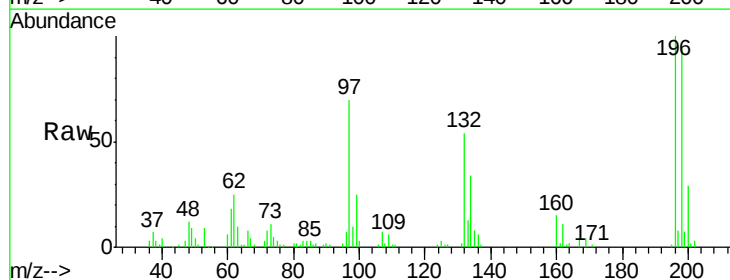


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

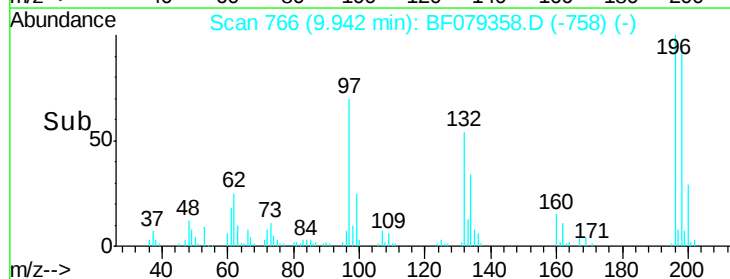
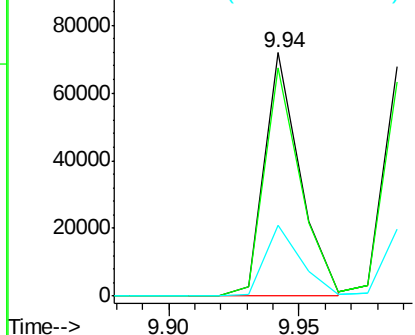


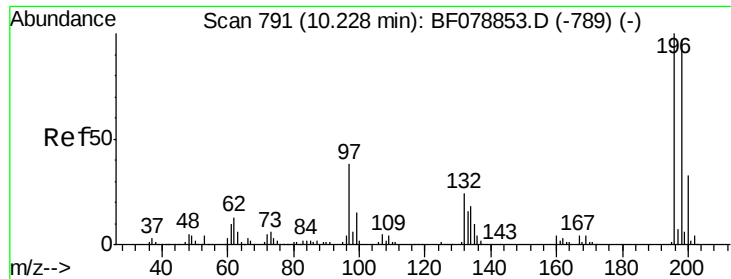
#42
 2,4,6-Trichlorophenol
 Concen: 42.48 ng
 RT: 9.94 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:196 Resp: 67010
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.4 116.2
 200 29.0 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

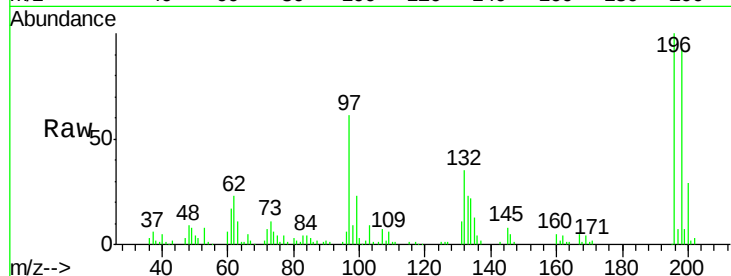




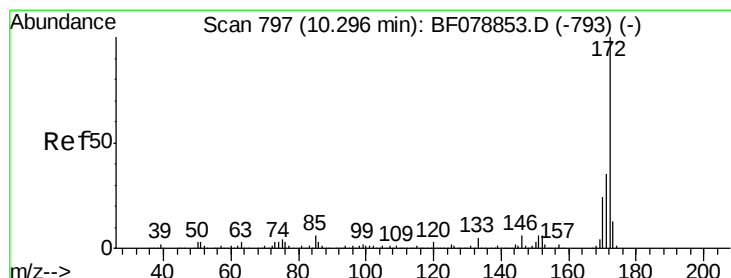
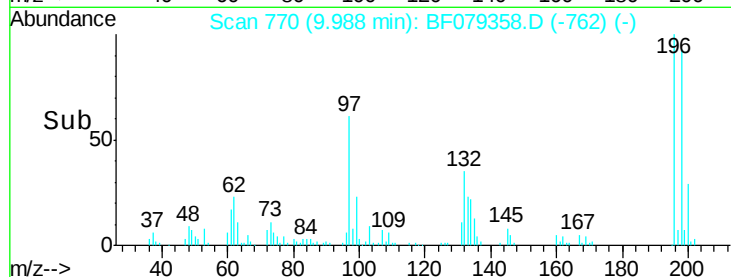
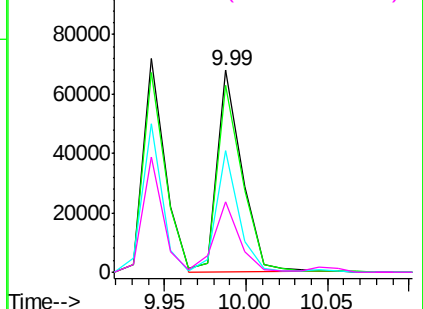
#43
 2,4,5-Trichlorophenol
 Concen: 44.61 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tot Ion:196 Resp: 71153
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.3 115.9
 97 60.6 31.3 46.9#
 132 34.9 19.7 29.5#

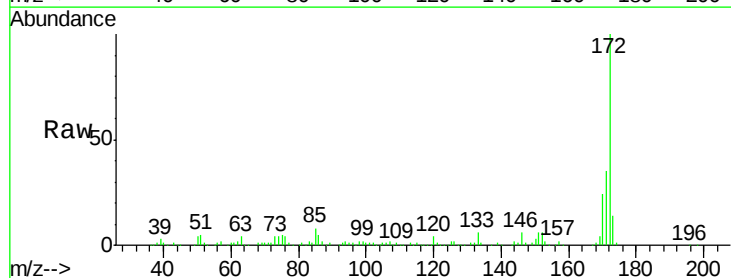


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

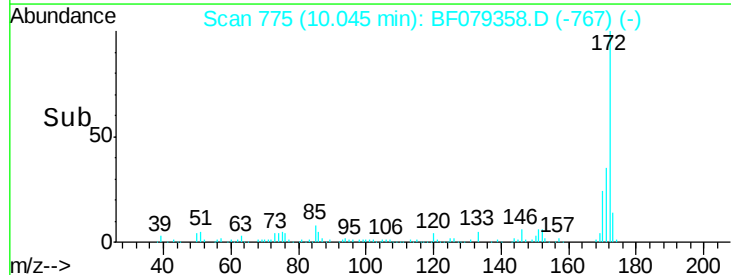
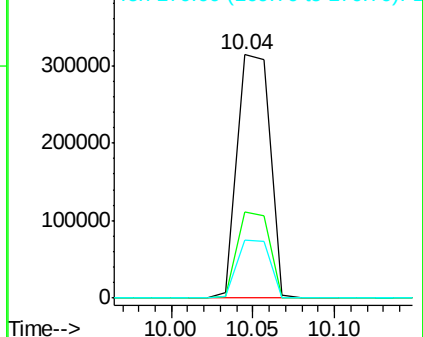


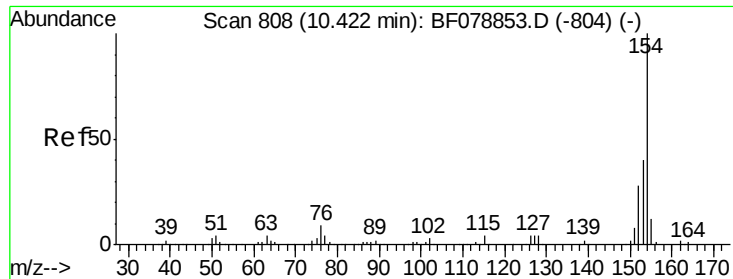
#44
 2-Fluorobiphenyl
 Concen: 74.14 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:172 Resp: 433617
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 24.0 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

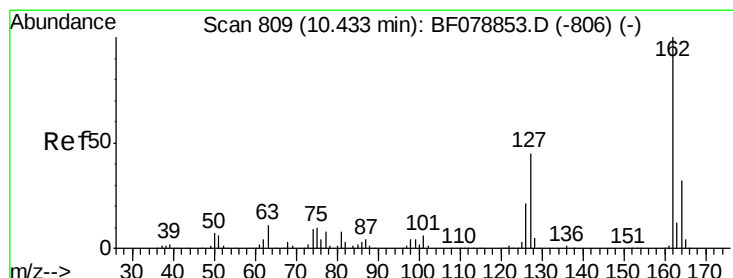
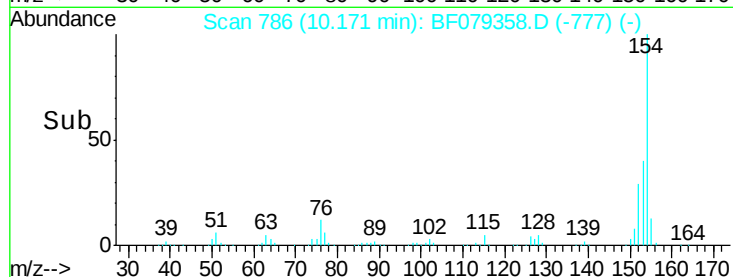
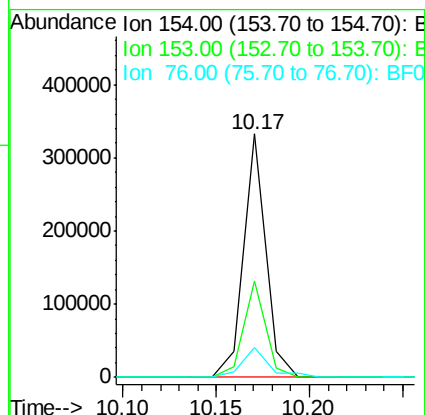
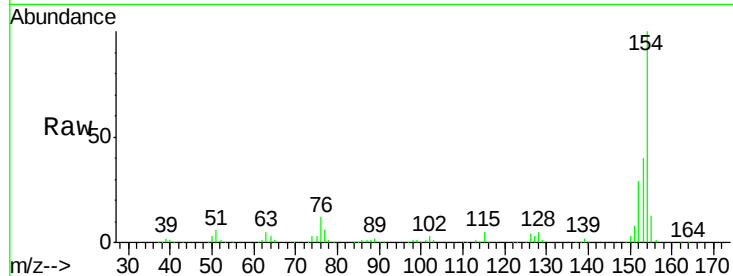




#45
 1,1'-Biphenyl
 Concen: 42.95 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

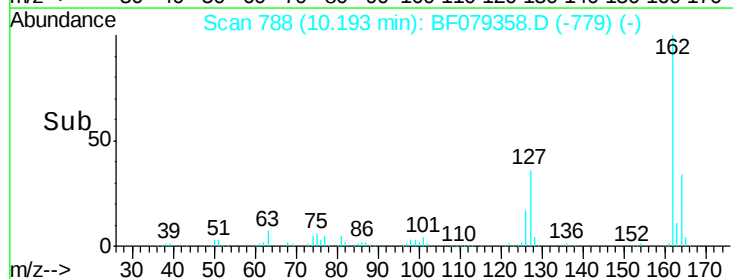
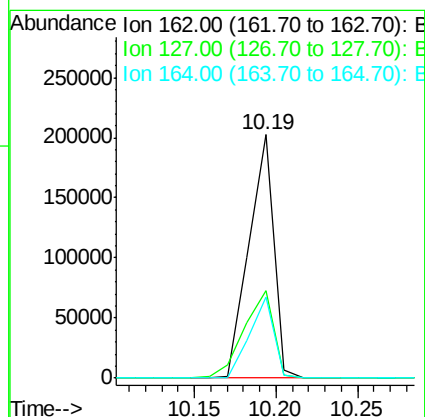
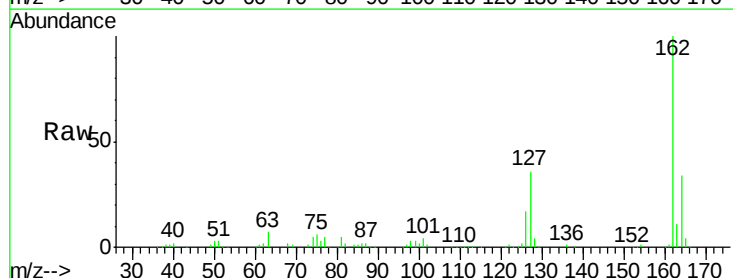
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

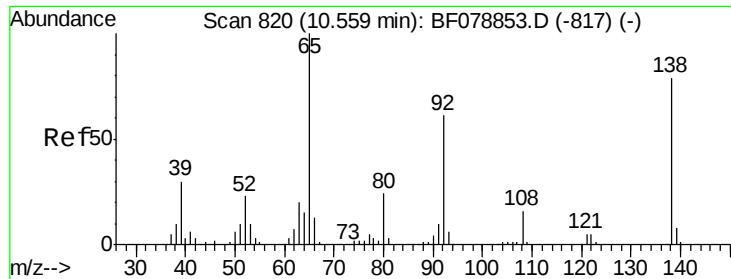
Tot Ion:154 Resp: 278221
 Ion Ratio Lower Upper
 154 100
 153 39.5 19.7 59.7
 76 12.3 0.0 29.1



#46
 2-Chloronaphthalene
 Concen: 42.28 ng
 RT: 10.19 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:162 Resp: 213613
 Ion Ratio Lower Upper
 162 100
 127 35.7 36.3 54.5#
 164 33.5 25.9 38.9

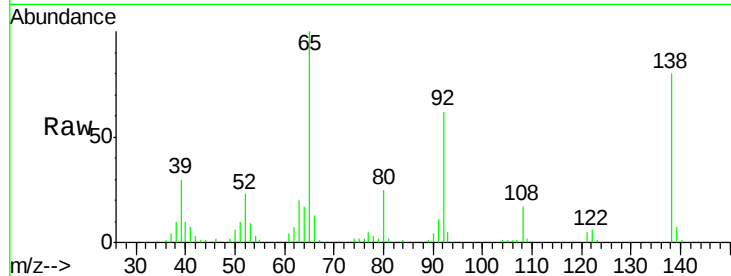




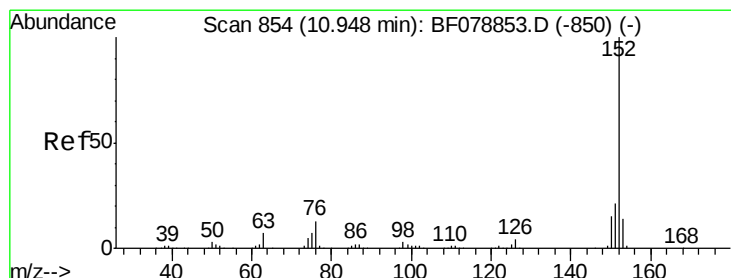
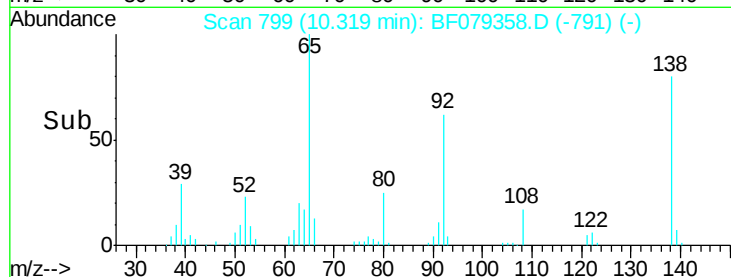
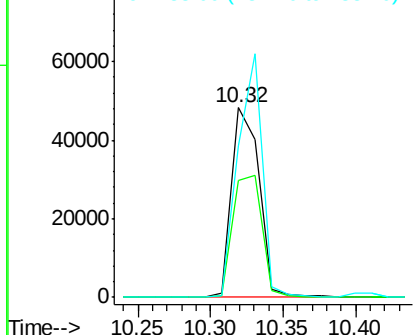
#47
2-Nitroaniline
Concen: 43.52 ng
RT: 10.32 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Instrument :
BNA_F
ClientSampleId :
SB-20MS

Tot Ion: 65 Resp: 63707
Ion Ratio Lower Upper
65 100
92 62.0 49.1 73.7
138 79.9 63.2 94.8

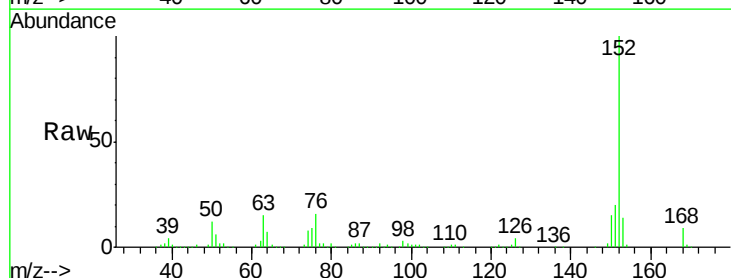


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

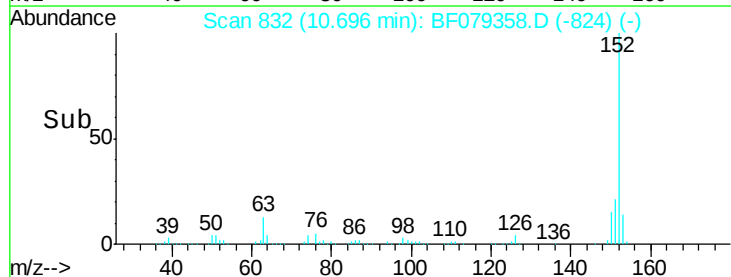
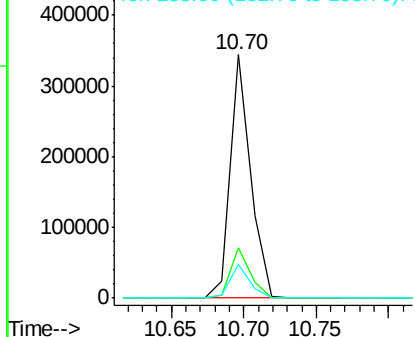


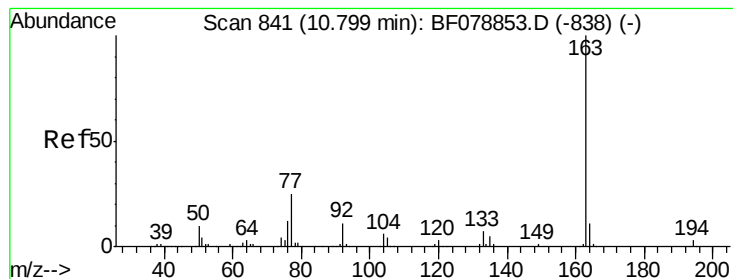
#48
Acenaphthylene
Concen: 40.32 ng
RT: 10.70 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion: 152 Resp: 334488
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 56.31 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

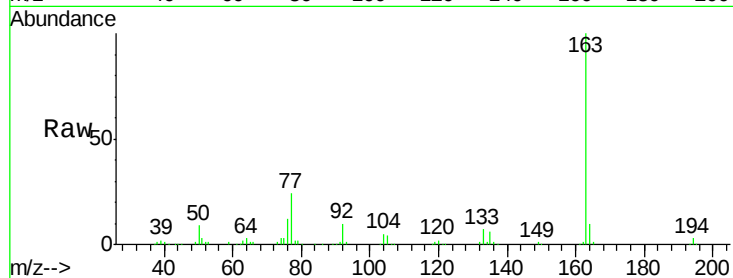
Tot Ion:163 Resp: 336750

Ion Ratio Lower Upper

163 100

194 3.0 2.4 3.6

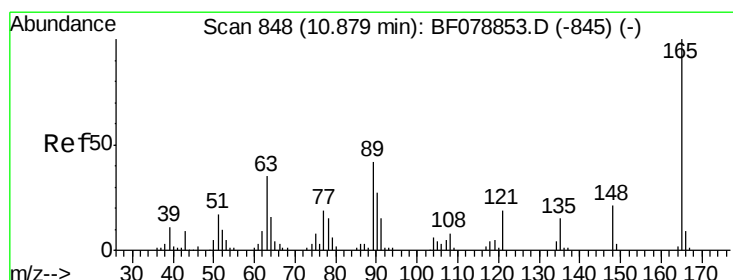
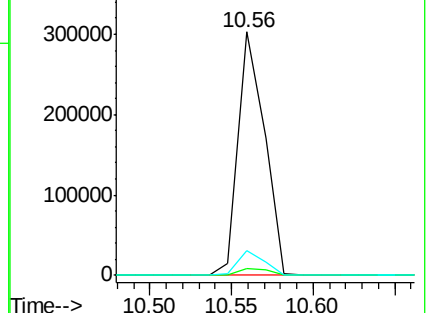
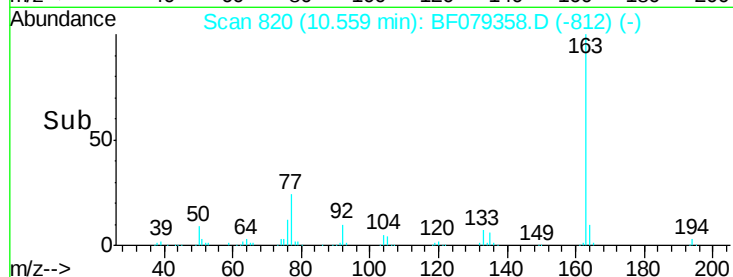
164 9.9 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.59 ng

RT: 10.64 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

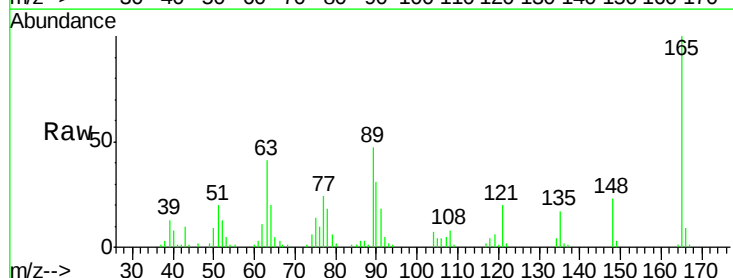
Tgt Ion:165 Resp: 56163

Ion Ratio Lower Upper

165 100

63 41.2 29.2 43.8

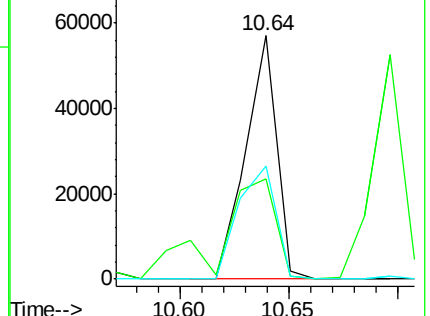
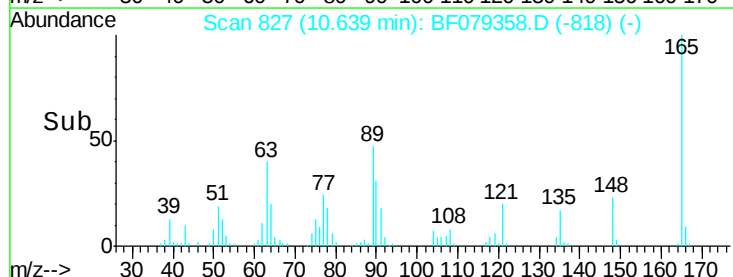
89 46.7 33.3 49.9

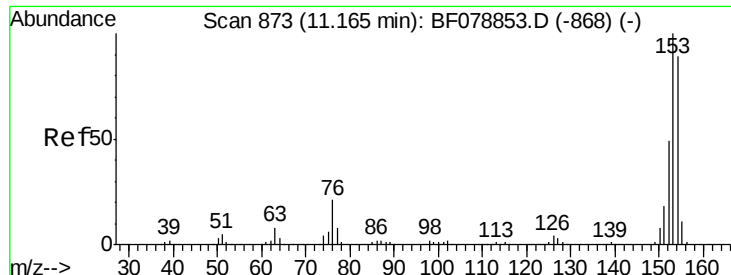


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.78 ng

RT: 10.91 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

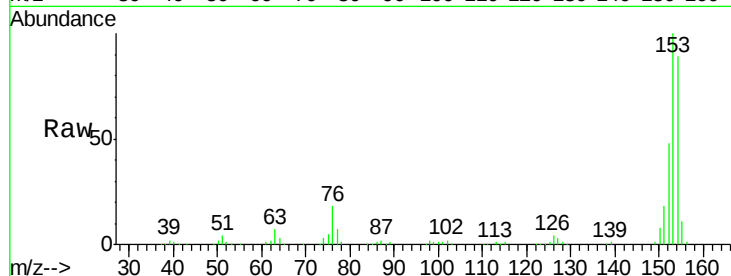
Tot Ion:154 Resp: 196790

Ion Ratio Lower Upper

154 100

153 112.9 90.2 135.2

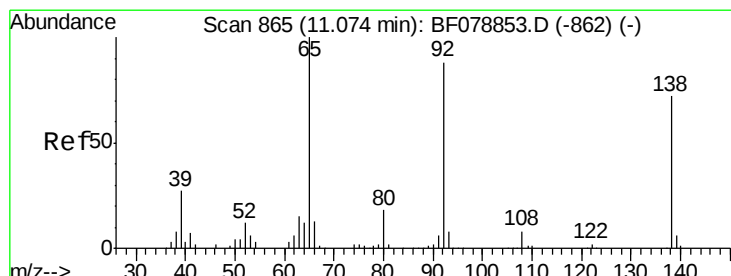
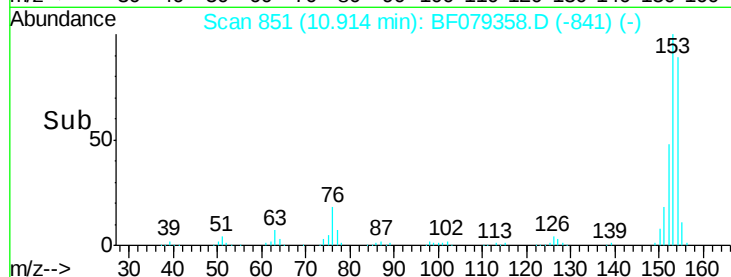
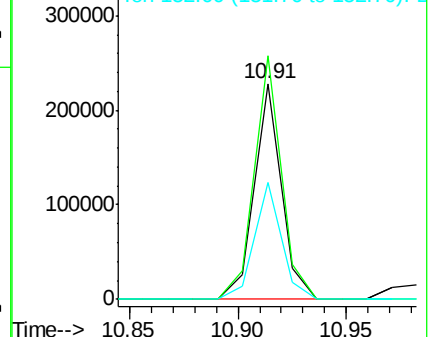
152 54.5 43.8 65.8



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: 34.75 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

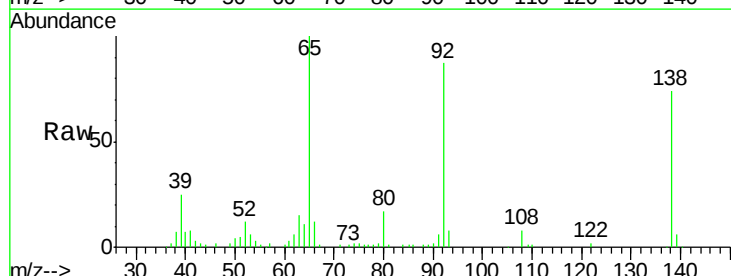
Tgt Ion:138 Resp: 51229

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

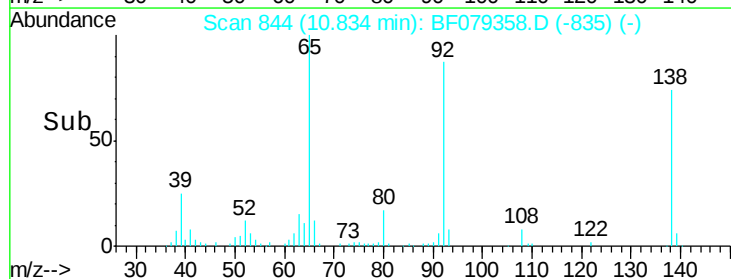
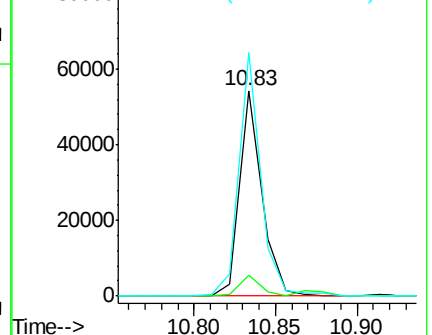
92 118.4 97.4 146.0

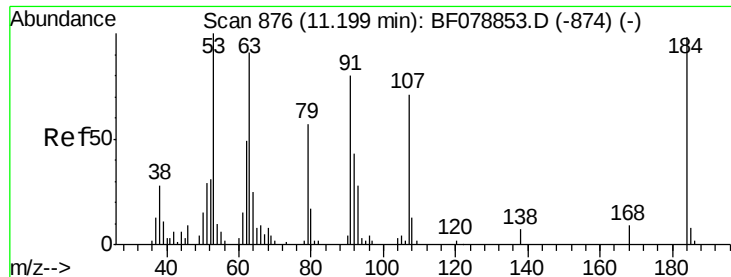


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

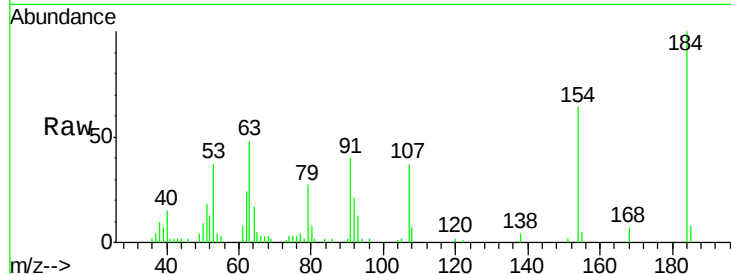




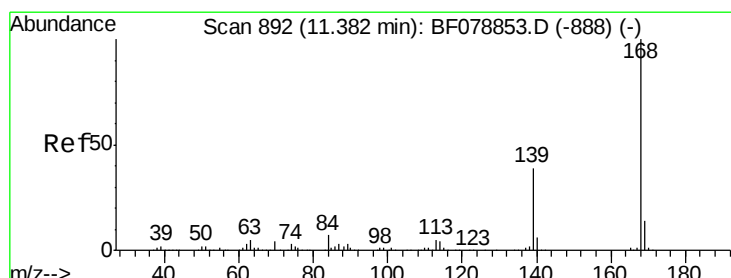
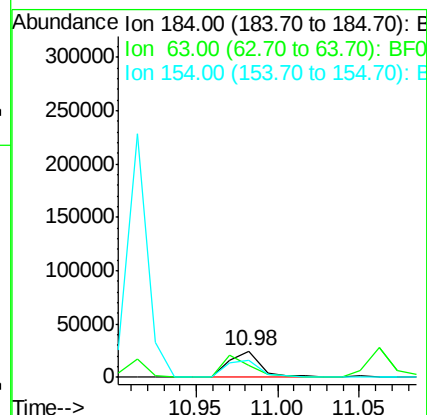
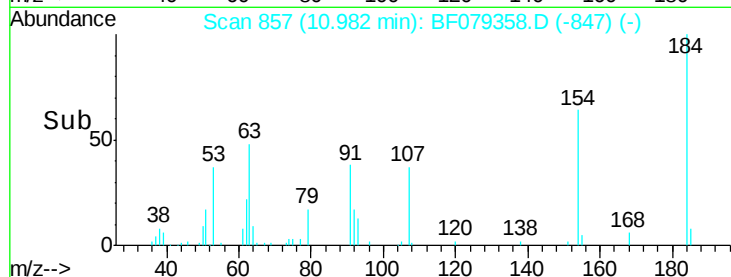
#53
 2,4-Dinitrophenol
 Concen: 72.90 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tot Ion:184 Resp: 34270
 Ion Ratio Lower Upper
 184 100
 63 47.6 98.8 148.2#
 154 64.0 63.4 95.0

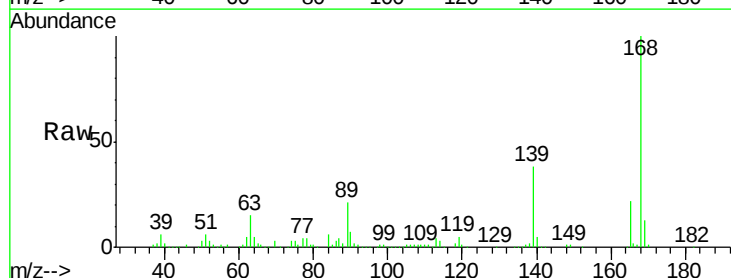


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

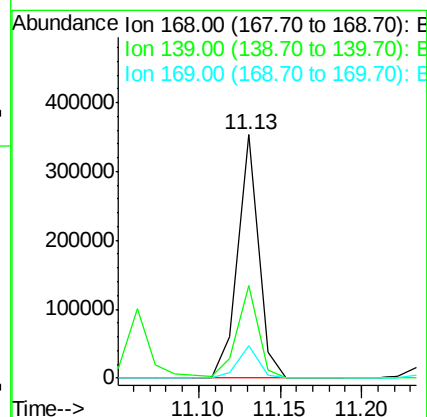
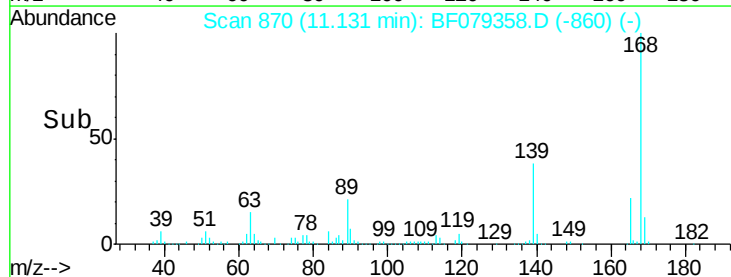


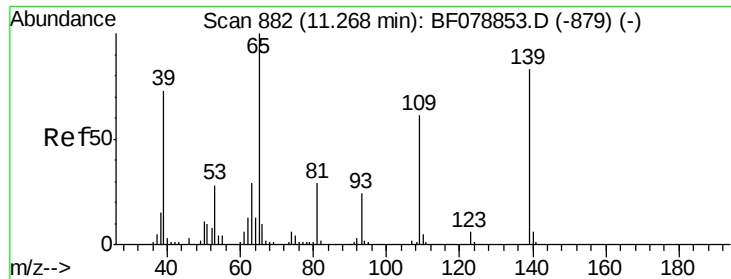
#54
 Dibenzofuran
 Concen: 43.47 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:168 Resp: 310602
 Ion Ratio Lower Upper
 168 100
 139 38.0 31.5 47.3
 169 13.3 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

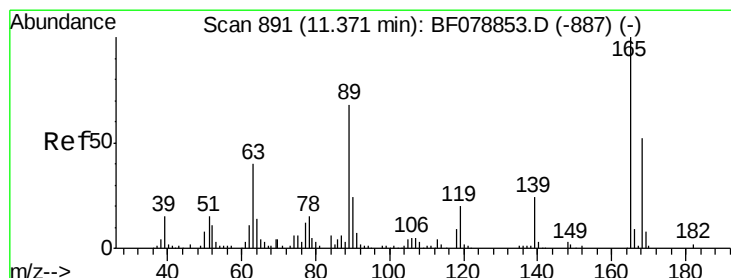
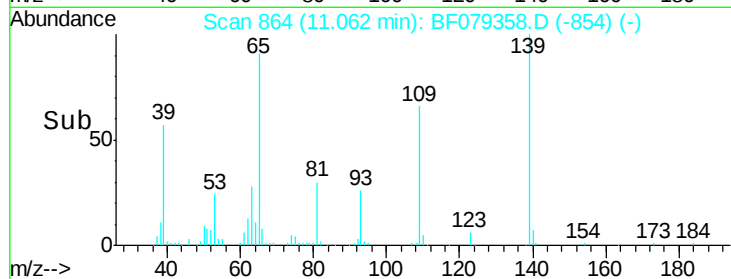
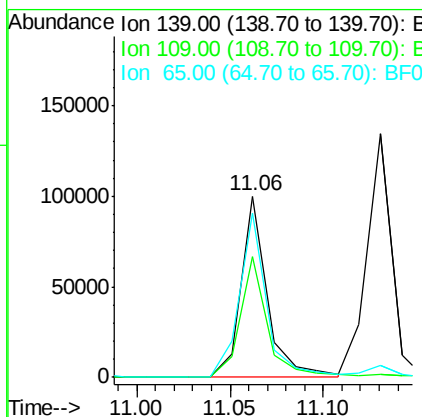
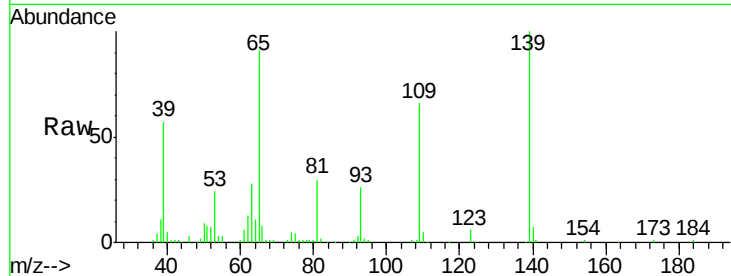




#55
4-Nitrophenol
Concen: 84.54 ng
RT: 11.06 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

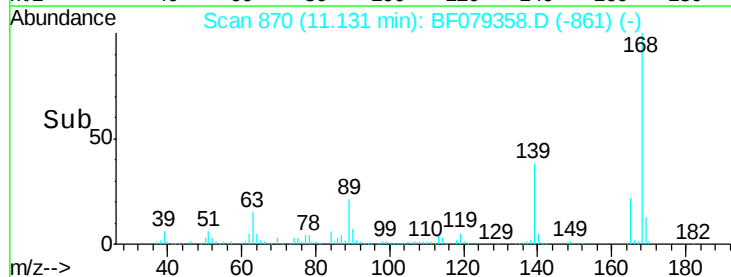
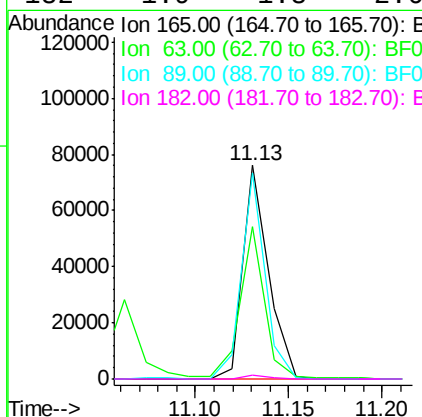
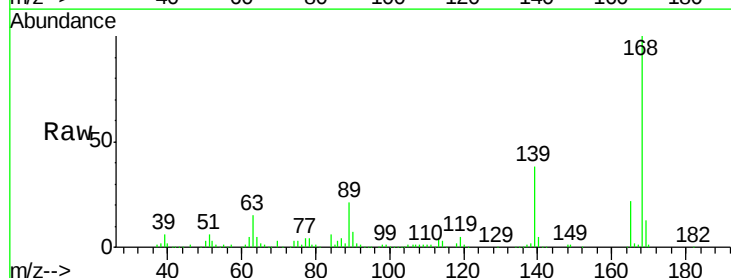
Instrument :
BNA_F
ClientSampleId :
SB-20MS

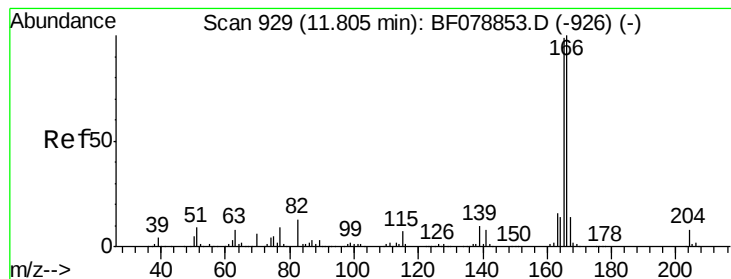
Tot Ion:139 Resp: 98639
Ion Ratio Lower Upper
139 100
109 66.2 54.4 94.4
65 90.5 101.0 141.0#



#56
2,4-Dinitrotoluene
Concen: 46.31 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion:165 Resp: 72245
Ion Ratio Lower Upper
165 100
63 71.0 32.3 48.5#
89 96.5 54.6 81.8#
182 1.9 1.8 2.6





#57

Fluorene

Concen: 42.43 ng

RT: 11.55 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

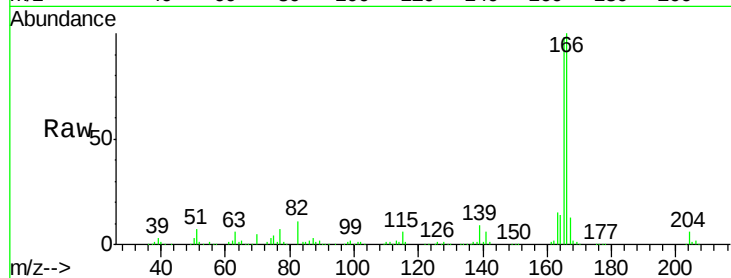
Tot Ion:166 Resp: 248877

Ion Ratio Lower Upper

166 100

165 97.9 79.5 119.3

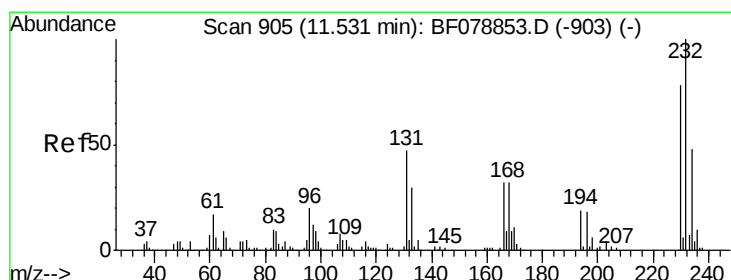
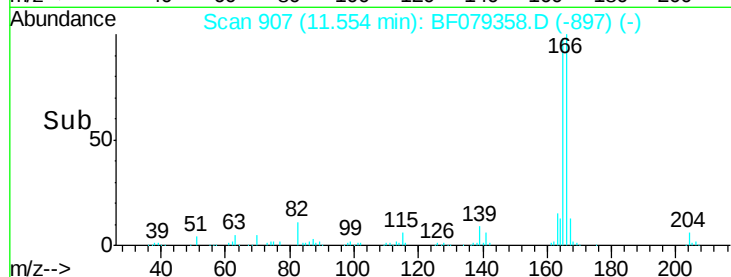
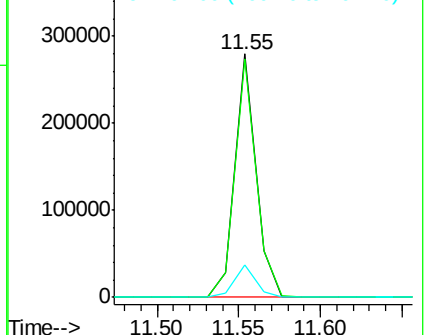
167 13.2 11.0 16.6



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: 41.90 ng

RT: 11.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Tgt Ion:232 Resp: 54611

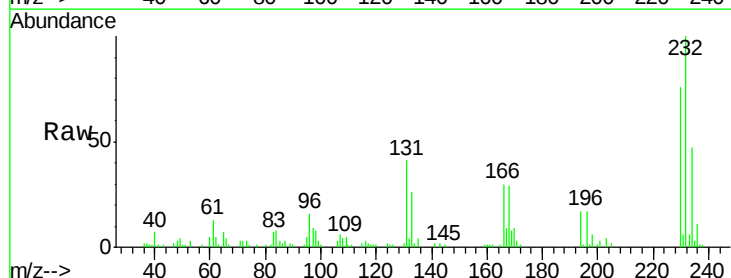
Ion Ratio Lower Upper

232 100

131 54.2 41.9 62.9

130 2.5 1.9 2.9

166 34.8 27.0 40.6

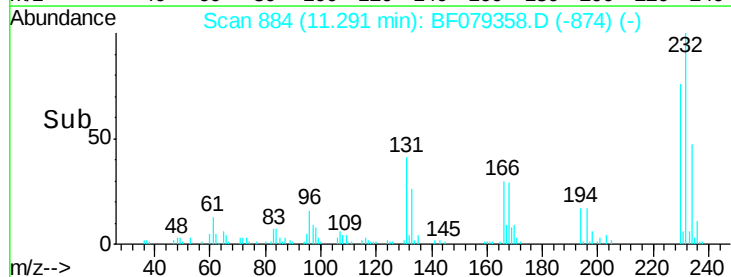
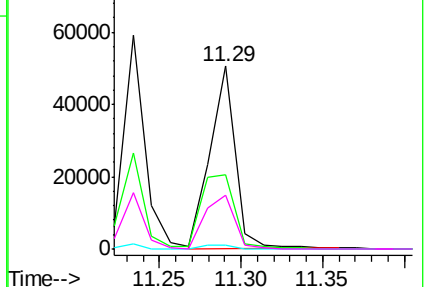


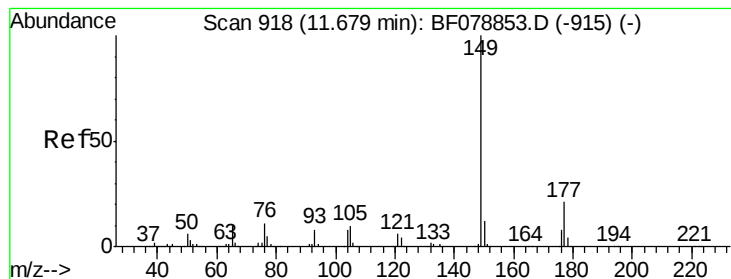
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.29 ng

RT: 11.44 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

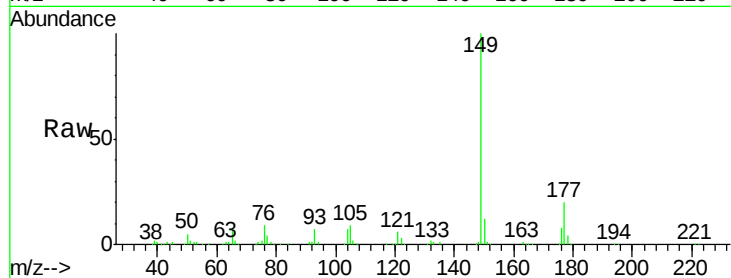
Tot Ion:149 Resp: 274243

Ion Ratio Lower Upper

149 100

177 20.5 16.4 24.6

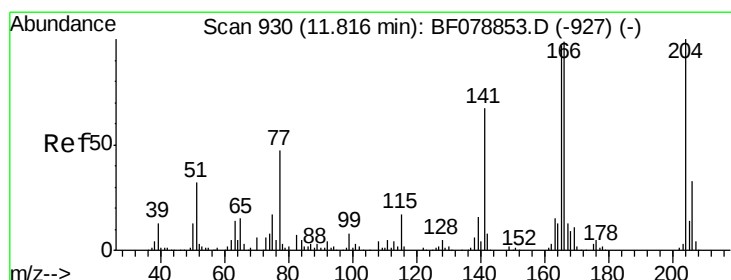
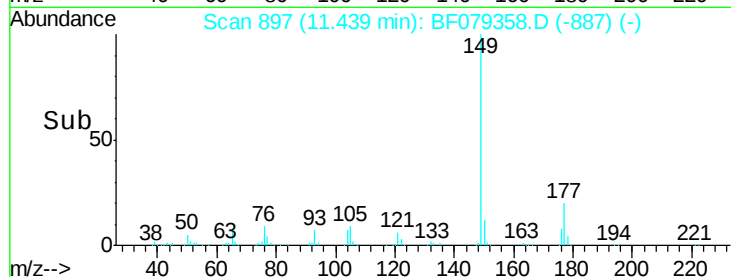
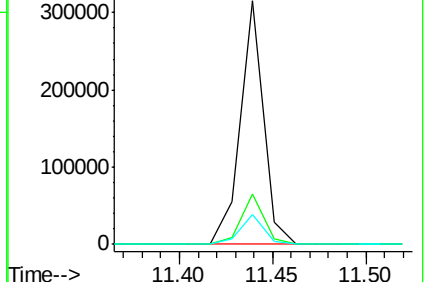
150 12.5 9.8 14.6



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: 42.32 ng

RT: 11.57 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

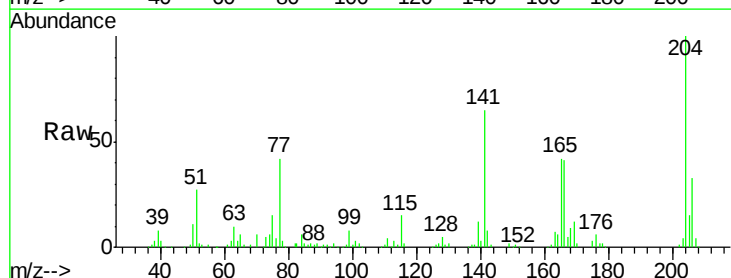
Tgt Ion:204 Resp: 110113

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.4

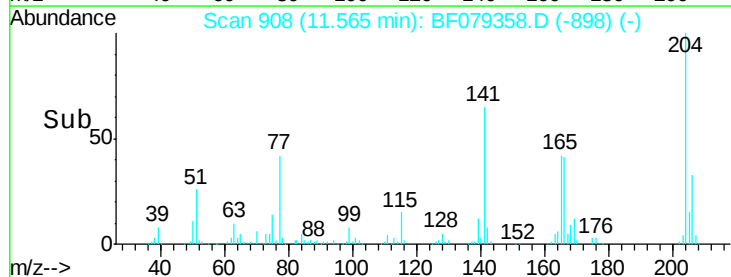
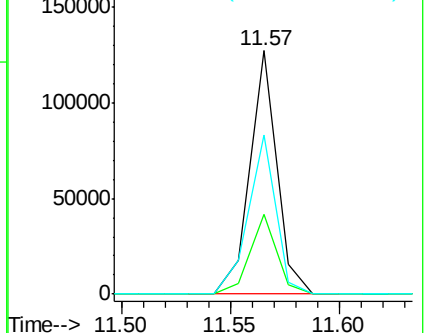
141 65.1 53.6 80.4

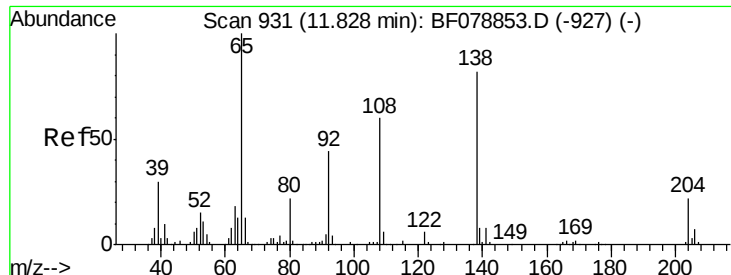


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

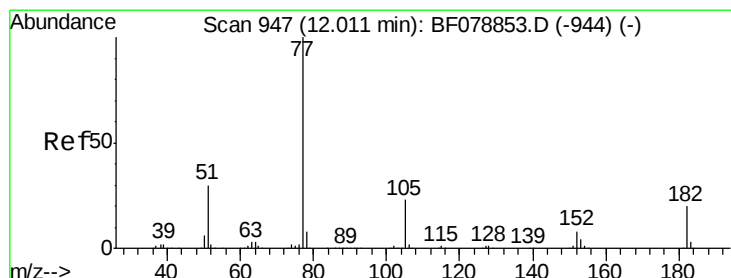
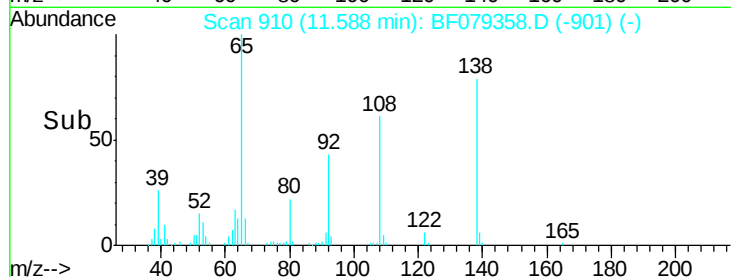
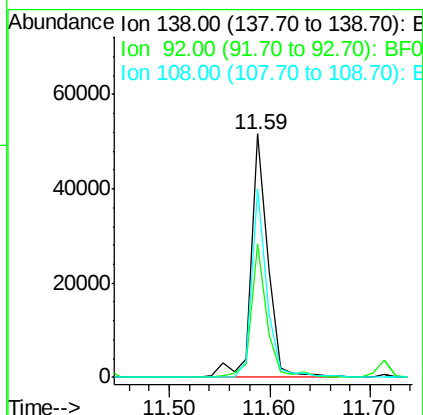
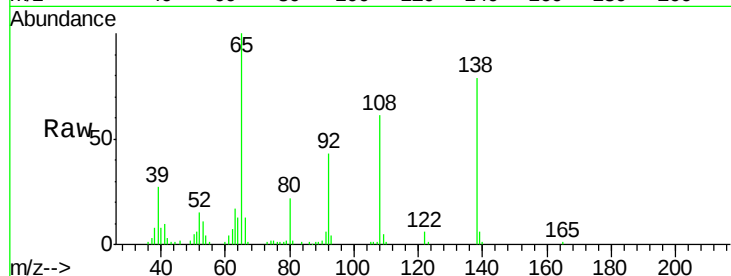




#61
4-Nitroaniline
Concen: 41.02 ng
RT: 11.59 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

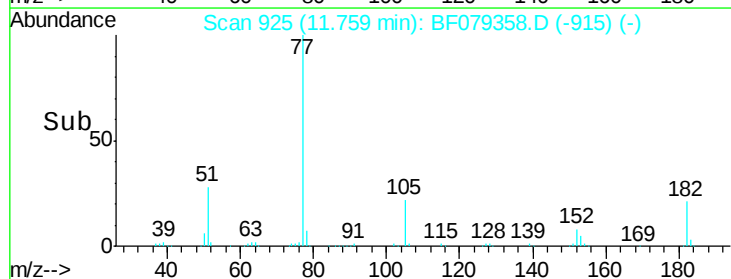
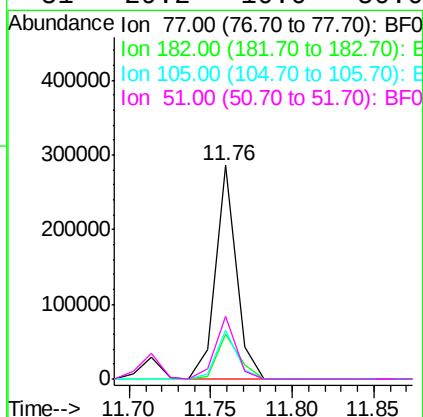
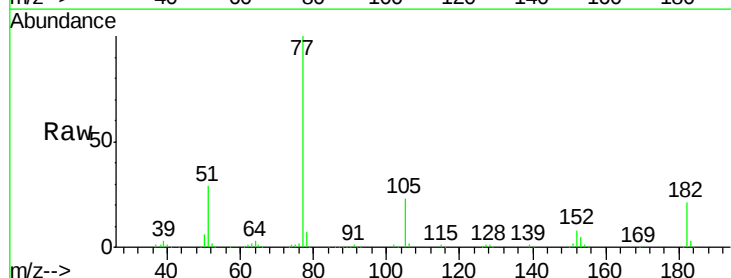
Instrument :
BNA_F
ClientSampleId :
SB-20MS

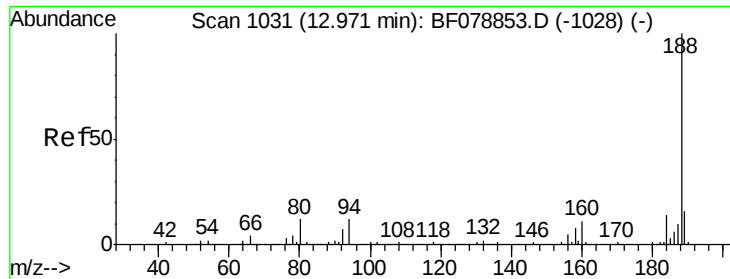
Tot Ion:138 Resp: 60503
Ion Ratio Lower Upper
138 100
92 54.9 33.7 73.7
108 77.5 53.4 93.4



#62
Azobenzene
Concen: 43.39 ng
RT: 11.76 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion: 77 Resp: 253295
Ion Ratio Lower Upper
77 100
182 20.8 0.0 40.0
105 22.8 2.9 42.9
51 29.2 10.0 50.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.72 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

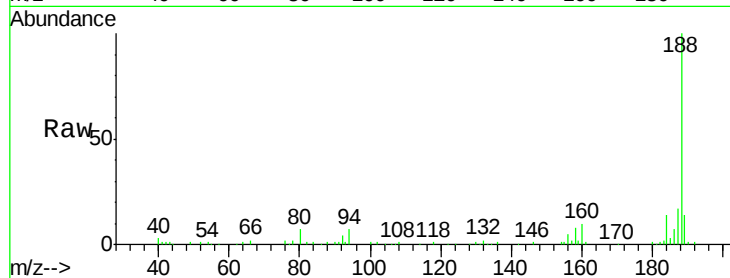
Tot Ion:188 Resp: 159878

Ion Ratio Lower Upper

188 100

94 6.8 9.4 14.0#

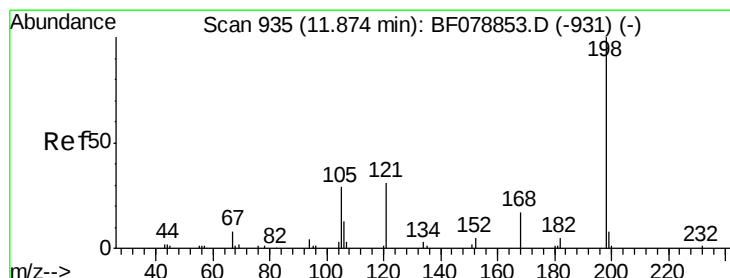
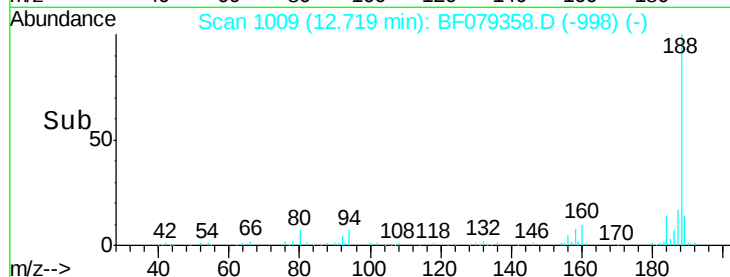
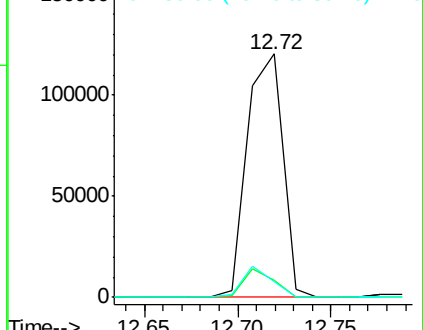
80 6.7 9.8 14.6#



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: 44.76 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

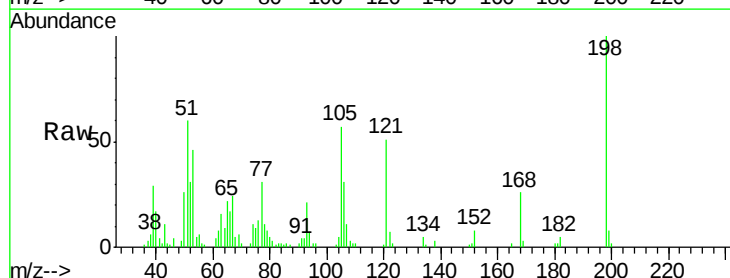
Tgt Ion:198 Resp: 29015

Ion Ratio Lower Upper

198 100

51 60.2 7.0 47.0#

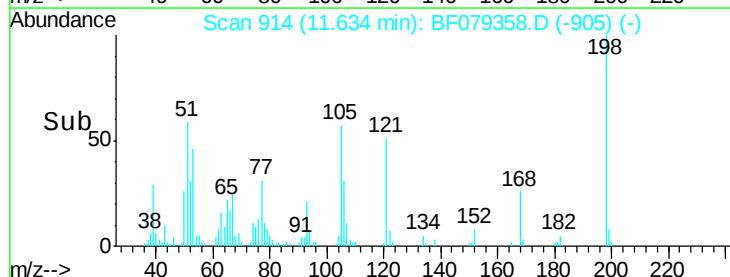
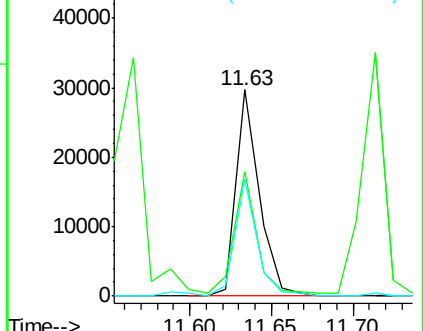
105 56.6 13.7 53.7#

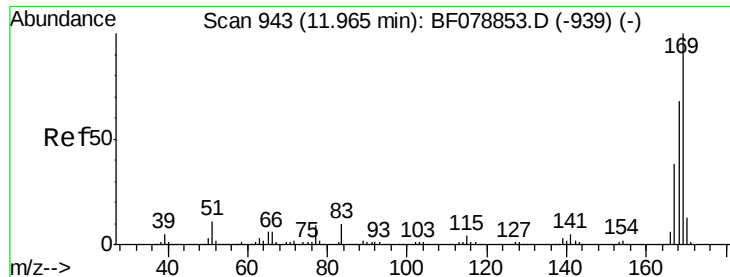


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

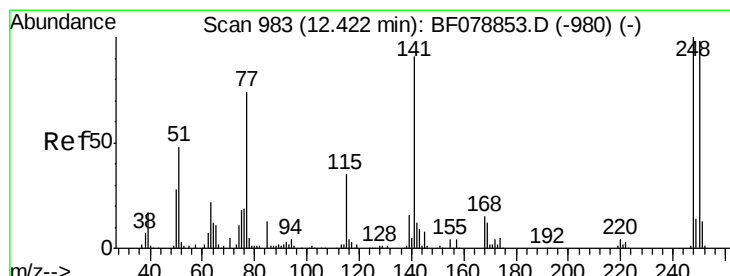
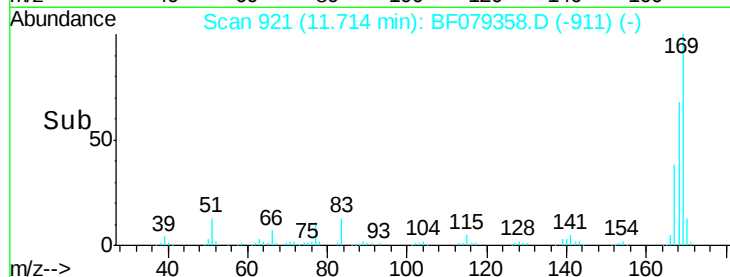
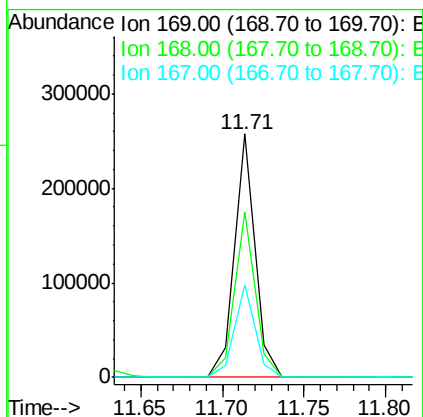
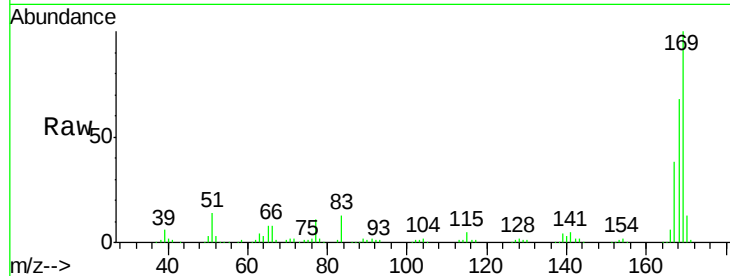




#65
 n-Nitrosodiphenylamine
 Concen: 42.03 ng
 RT: 11.71 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

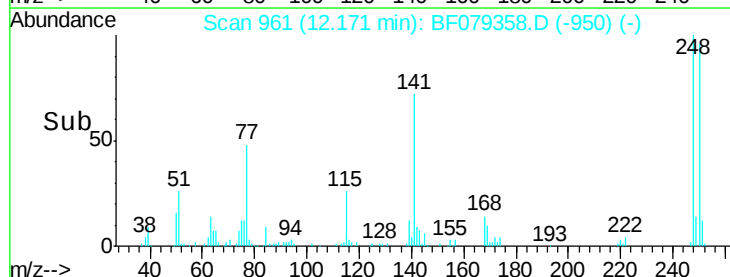
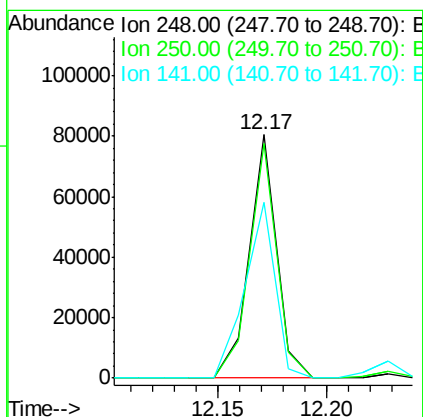
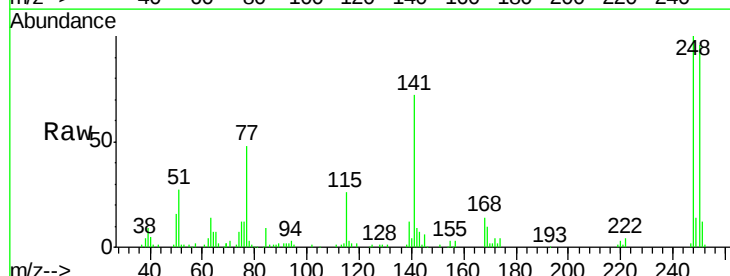
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

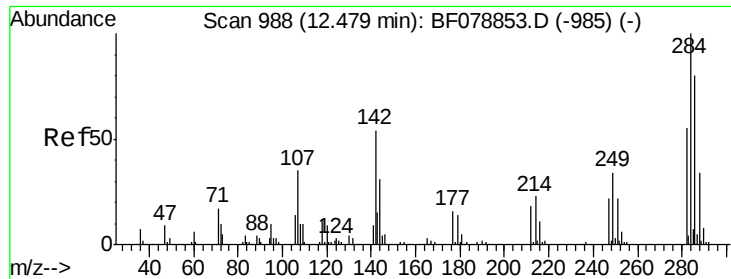
Tot Ion:169 Resp: 223801
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.1 81.1
 167 38.3 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 42.34 ng
 RT: 12.17 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:248 Resp: 70550
 Ion Ratio Lower Upper
 248 100
 250 96.2 78.0 117.0
 141 72.3 72.6 109.0#

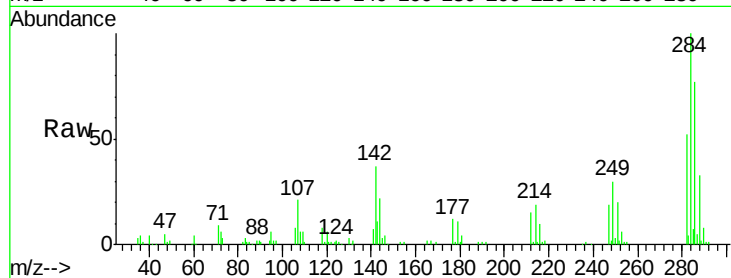




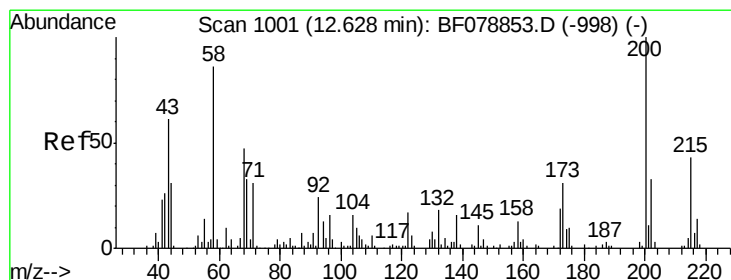
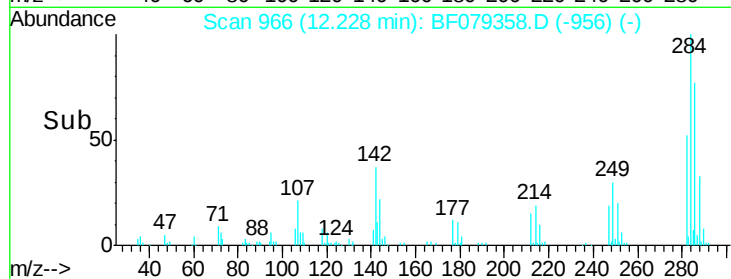
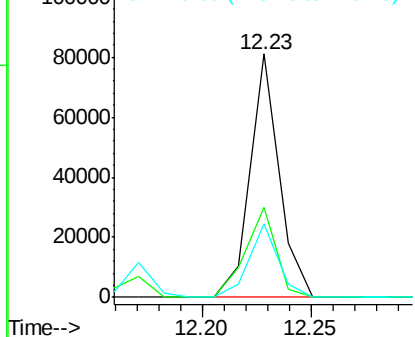
#67
Hexachlorobenzene
Concen: 39.38 ng
RT: 12.23 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Instrument :
BNA_F
ClientSampleId :
SB-20MS

Tot Ion:284 Resp: 75012
Ion Ratio Lower Upper
284 100
142 37.1 43.2 64.8#
249 30.3 27.5 41.3

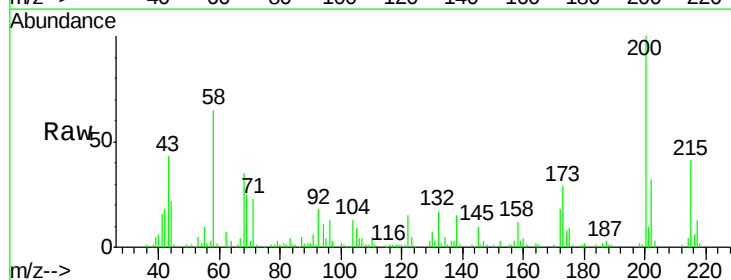


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

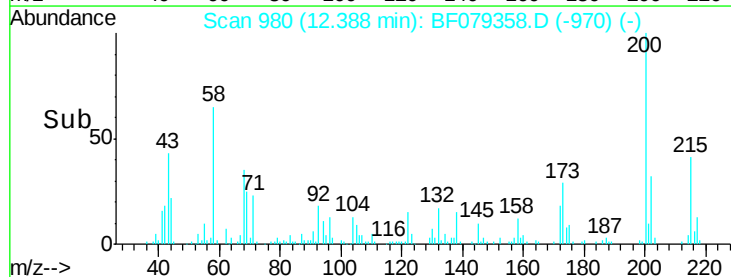
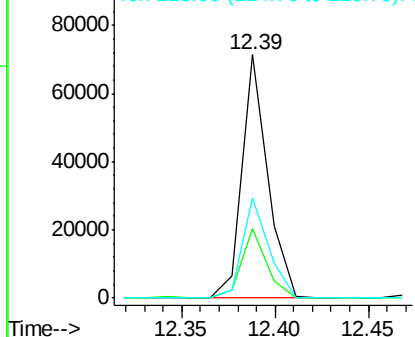


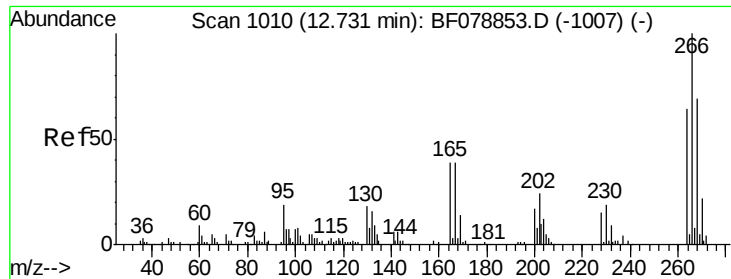
#68
Atrazine
Concen: 44.05 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion:200 Resp: 68210
Ion Ratio Lower Upper
200 100
173 28.6 10.9 50.9
215 41.3 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

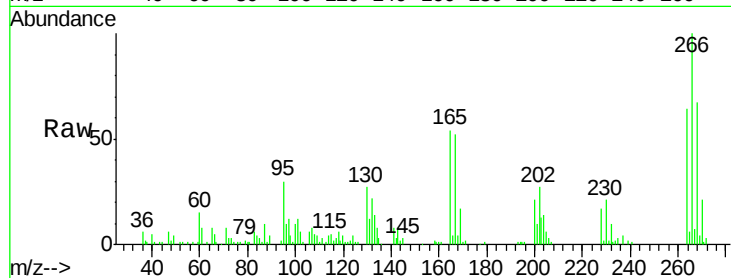




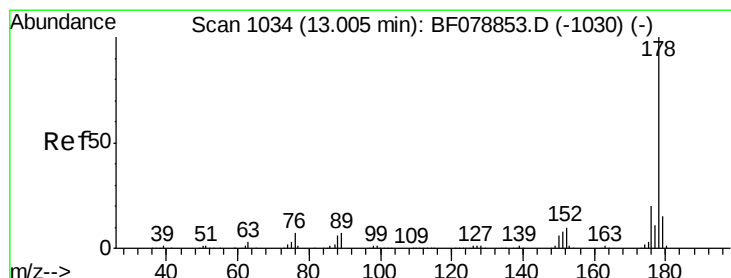
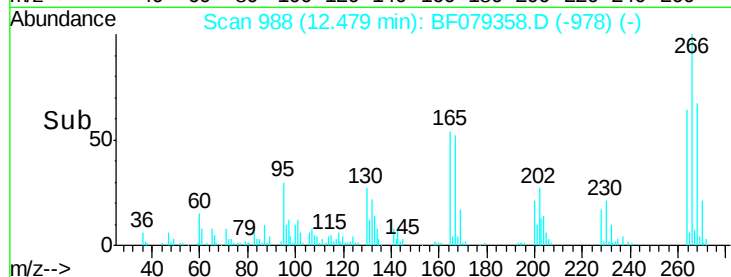
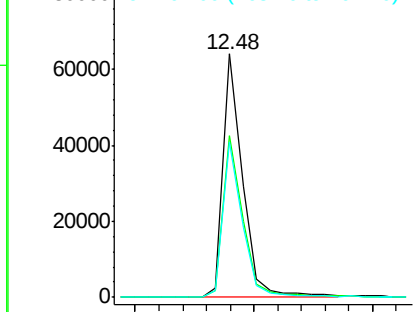
#69
 Pentachlorophenol
 Concen: 66.64 ng
 RT: 12.48 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tot Ion:266 Resp: 72870
 Ion Ratio Lower Upper
 266 100
 268 66.5 55.0 82.6
 264 63.7 50.9 76.3

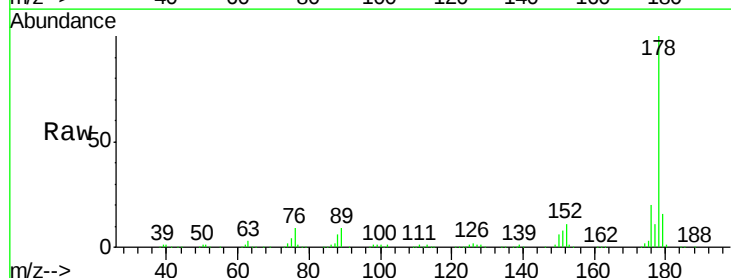


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

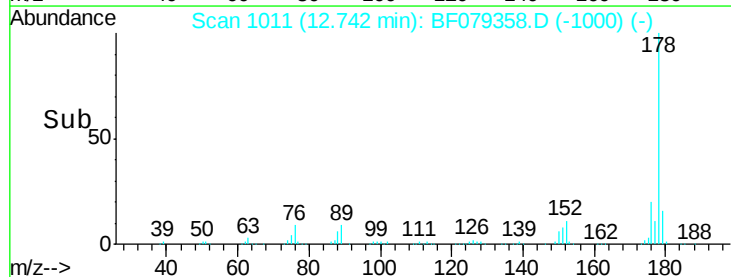
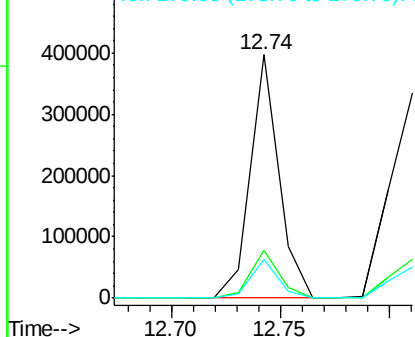


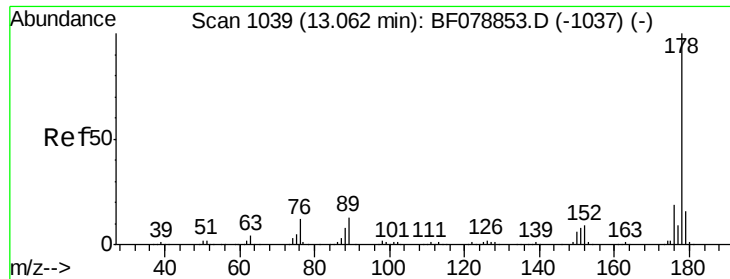
#70
 Phenanthrene
 Concen: 40.63 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:178 Resp: 363415
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.7 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

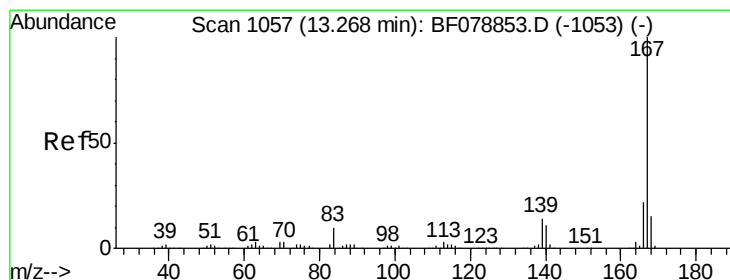
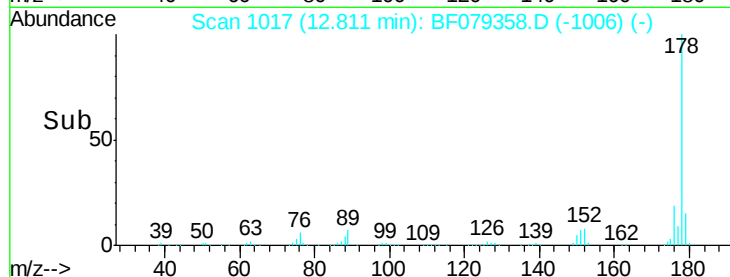
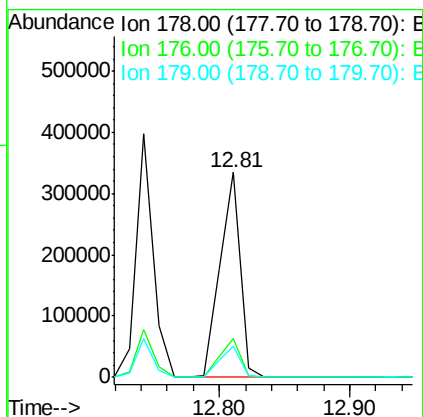
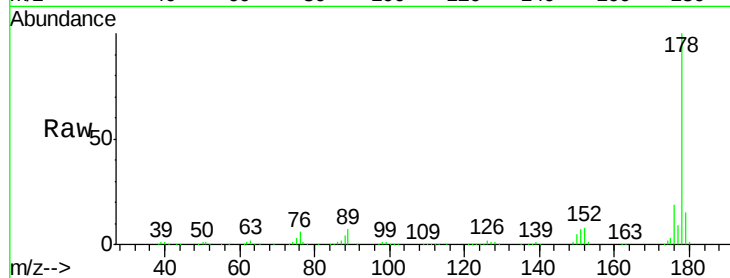




#71
 Anthracene
 Concen: 41.69 ng
 RT: 12.81 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

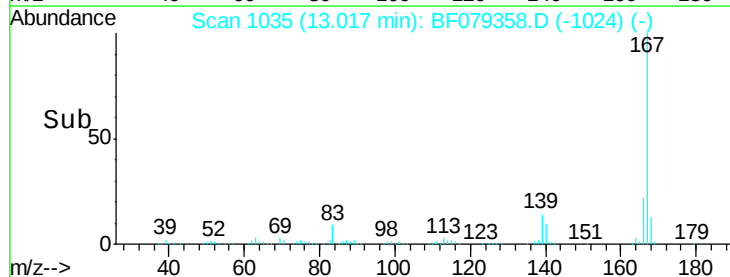
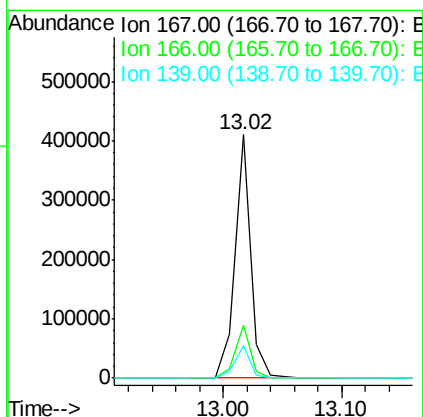
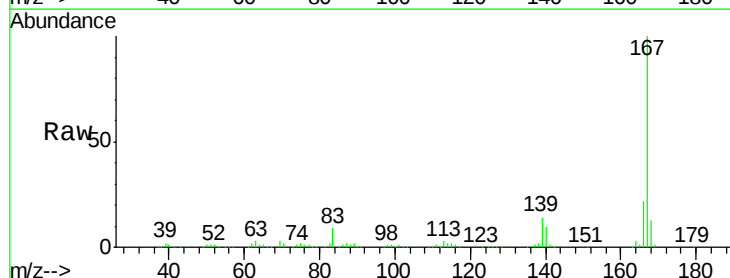
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

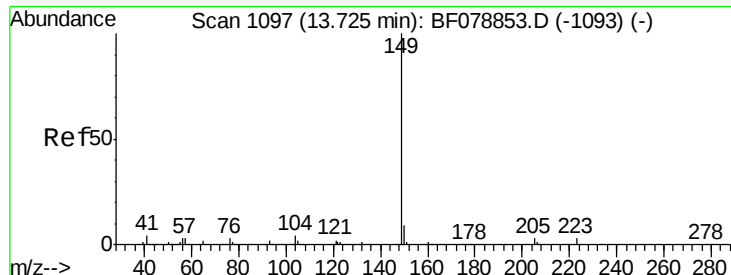
Tot Ion:178 Resp: 365770
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 45.27 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:167 Resp: 378647
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.6 11.0 16.4





#73

Di-n-butylphthalate

Concen: 44.56 ng

RT: 13.47 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampled :

SB-20MS

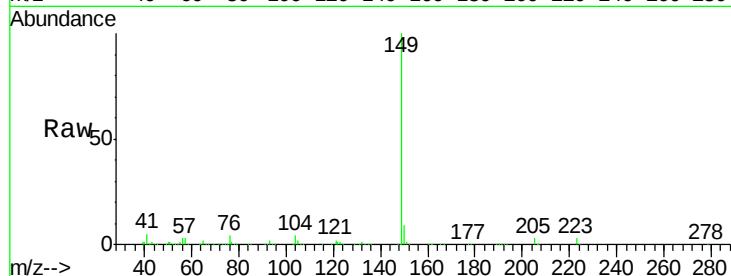
Tot Ion:149 Resp: 446895

Ion Ratio Lower Upper

149 100

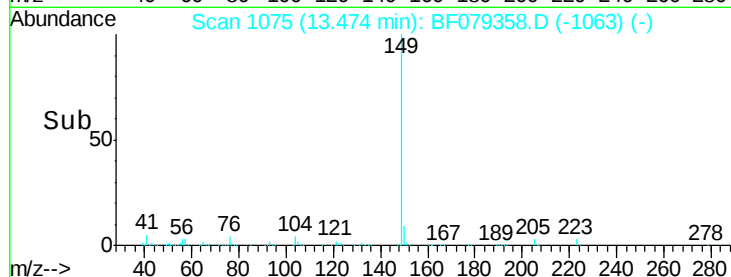
150 9.0 7.0 10.4

104 4.2 3.3 4.9

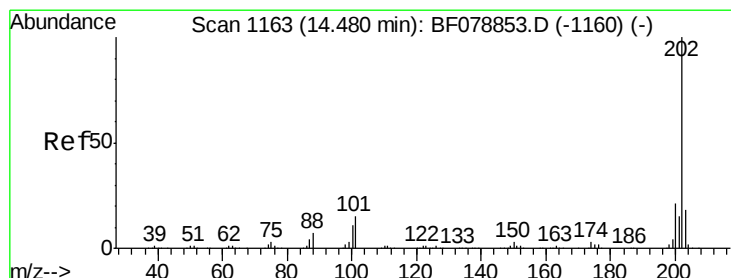


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

13.47



Time-->



#74

Fluoranthene

Concen: 41.27 ng

RT: 14.22 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

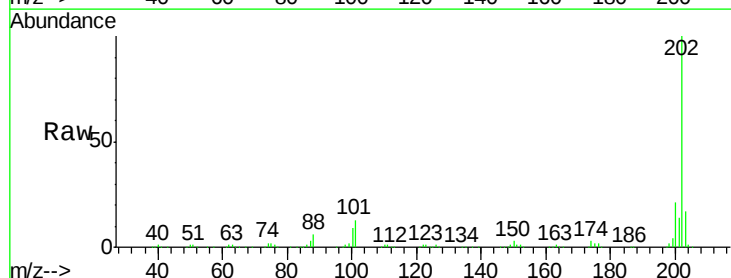
Tgt Ion:202 Resp: 384613

Ion Ratio Lower Upper

202 100

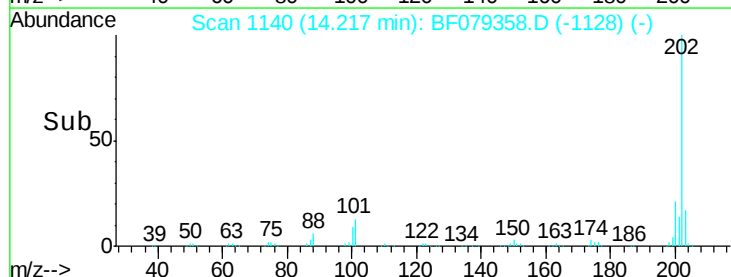
101 12.9 0.0 34.7

203 17.4 0.0 37.9

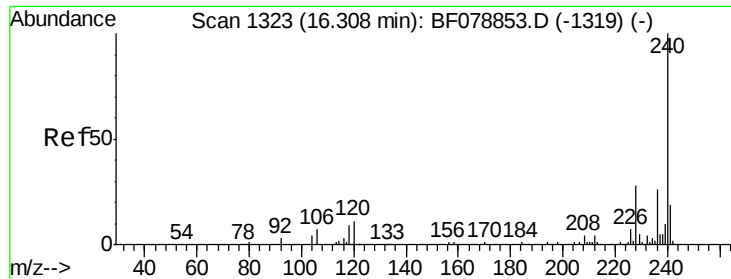


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

14.22



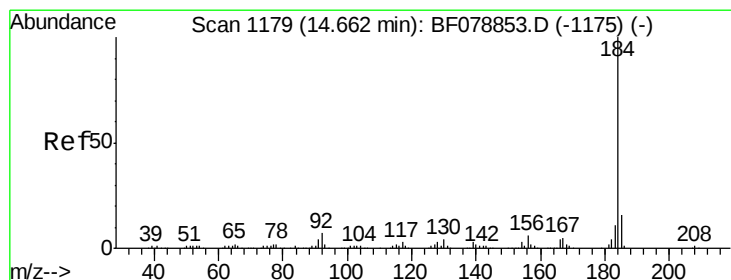
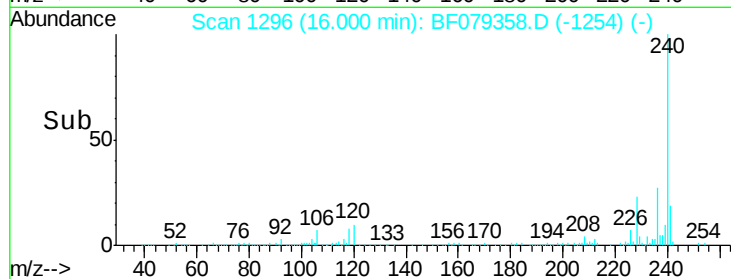
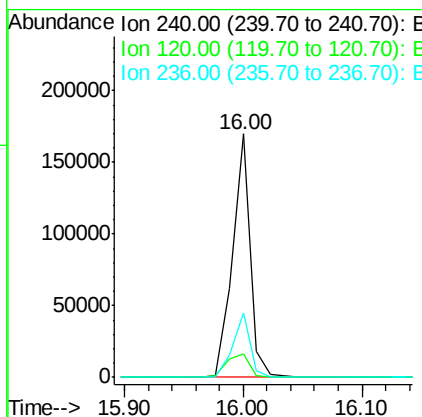
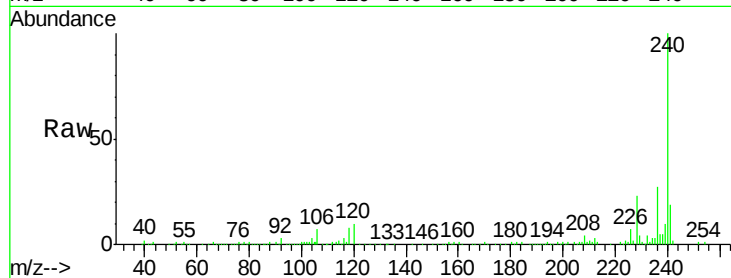
Time-->



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.00 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

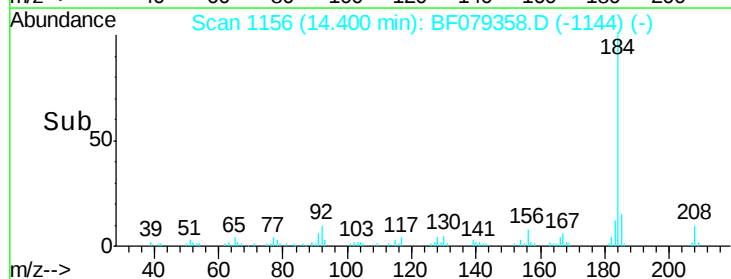
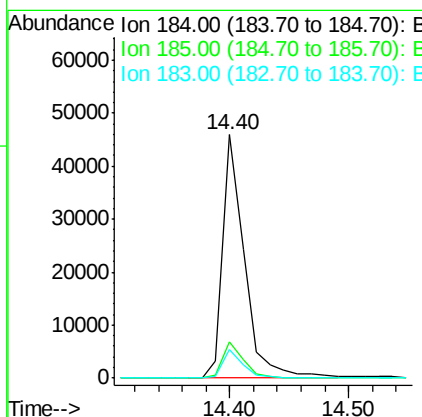
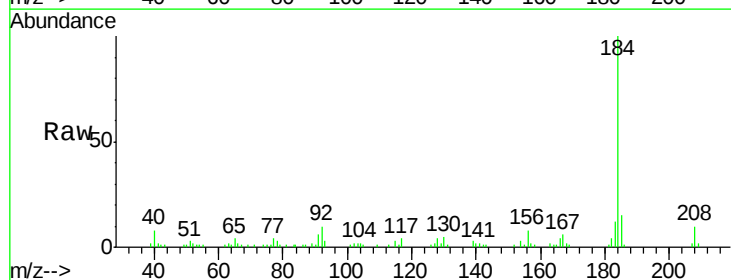
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

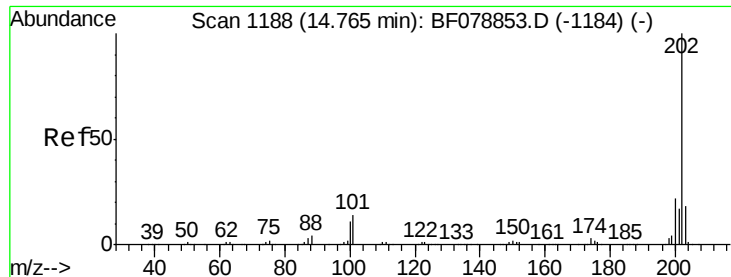
Tot Ion:240 Resp: 174731
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.6 12.8
 236 26.6 21.0 31.6



#76
 Benzidine
 Concen: 12.33 ng
 RT: 14.40 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:184 Resp: 58055
 Ion Ratio Lower Upper
 184 100
 185 15.1 12.8 19.2
 183 11.8 9.0 13.4

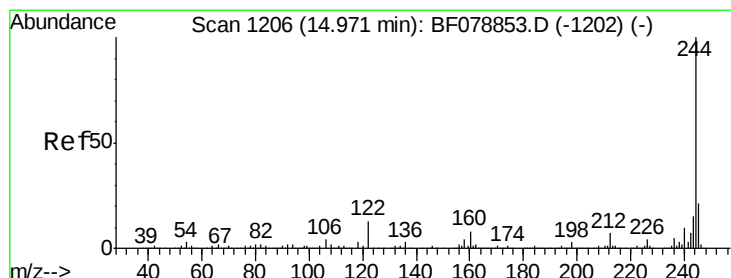
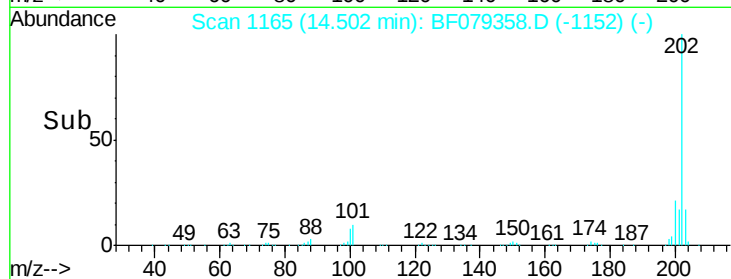
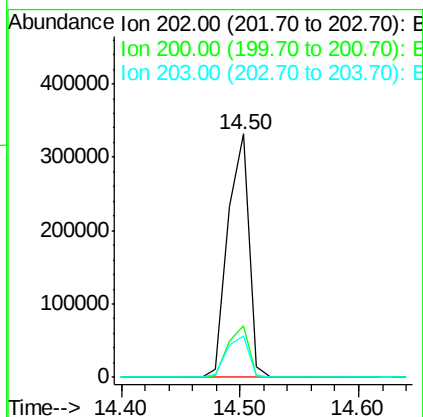
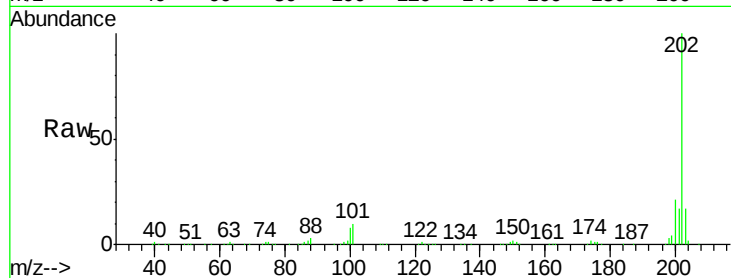




#77
Pvrene
Concen: 40.44 ng
RT: 14.50 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

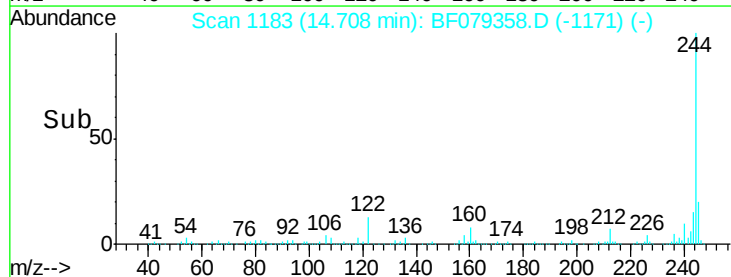
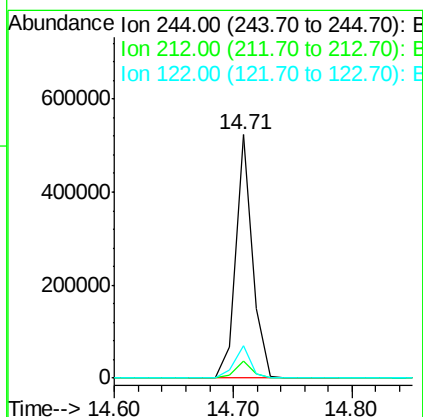
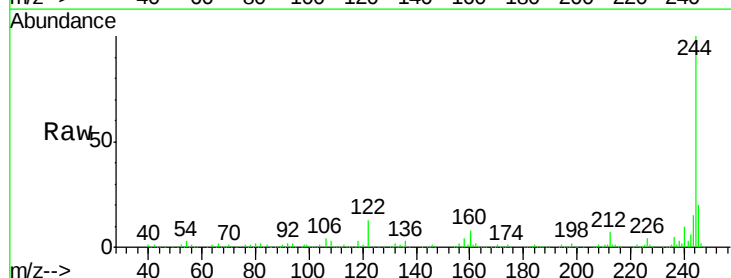
Instrument :
BNA_F
ClientSampleId :
SB-20MS

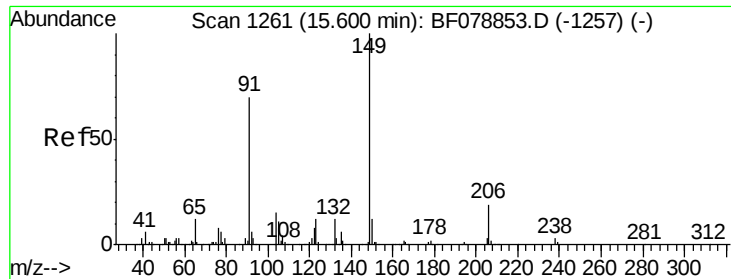
Tot Ion:202 Resp: 407180
Ion Ratio Lower Upper
202 100
200 21.3 17.5 26.3
203 17.1 14.7 22.1



#78
Terphenyl-d14
Concen: 70.20 ng
RT: 14.71 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion:244 Resp: 512353
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 13.3 10.5 15.7

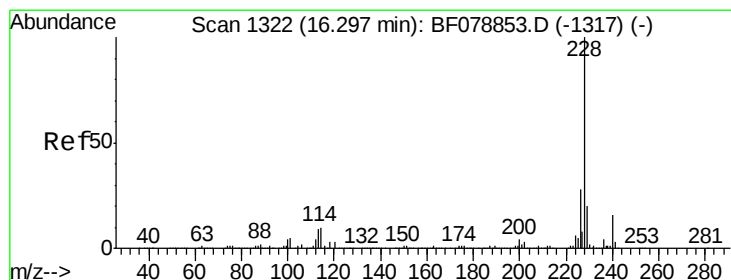
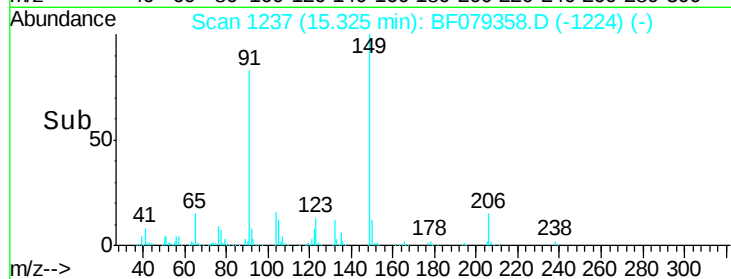
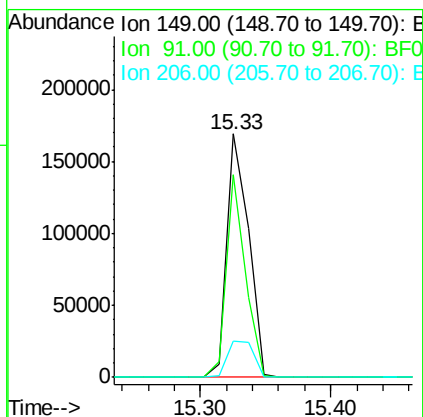
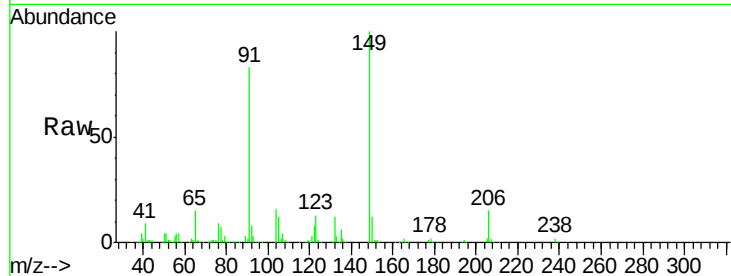




#79
Butylbenzylphthalate
Concen: 44.47 ng
RT: 15.33 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

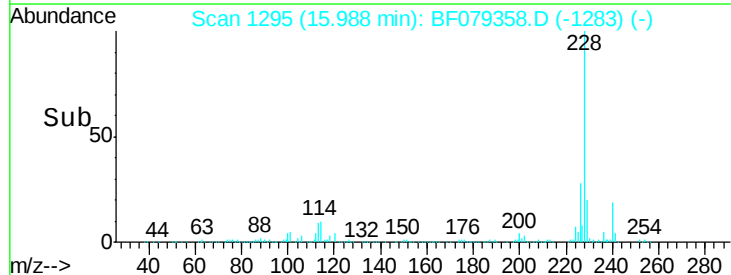
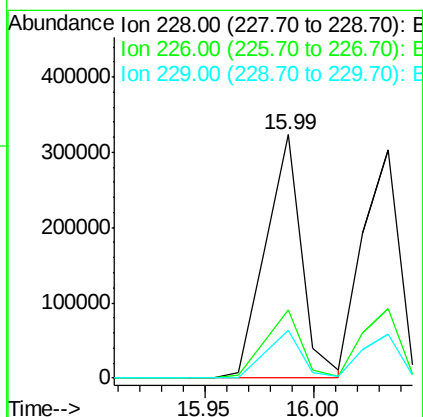
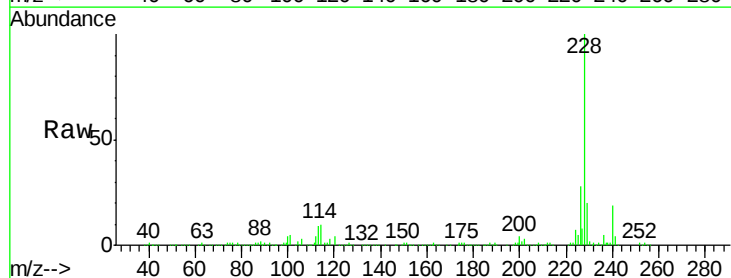
Instrument :
BNA_F
ClientSampleId :
SB-20MS

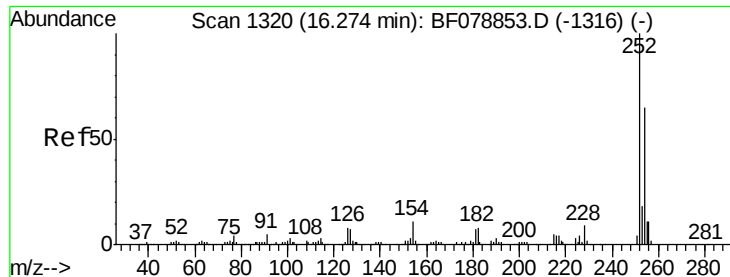
Tot Ion:149 Resp: 195716
Ion Ratio Lower Upper
149 100
91 83.1 56.2 84.2
206 15.1 15.2 22.8#



#80
Benzo(a)anthracene
Concen: 39.28 ng
RT: 15.99 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion:228 Resp: 375804
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 19.6 16.1 24.1

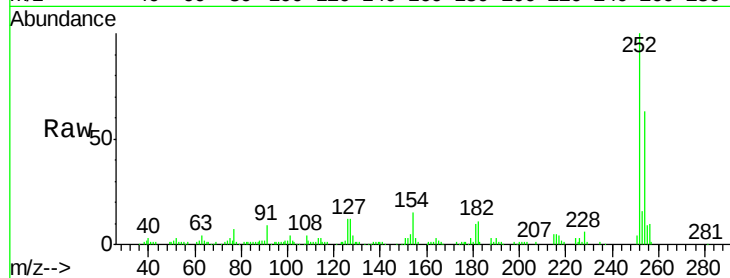




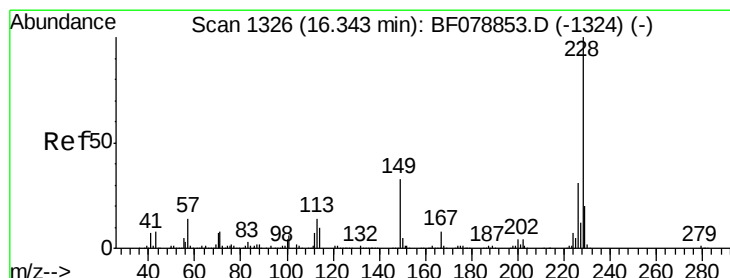
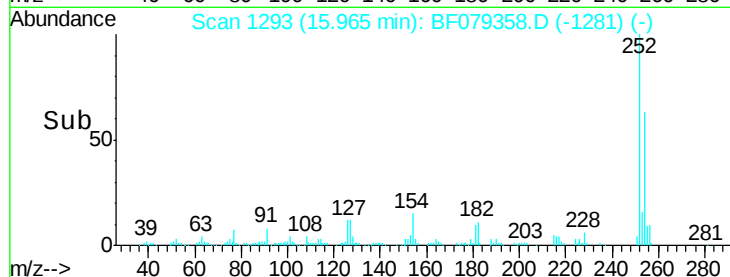
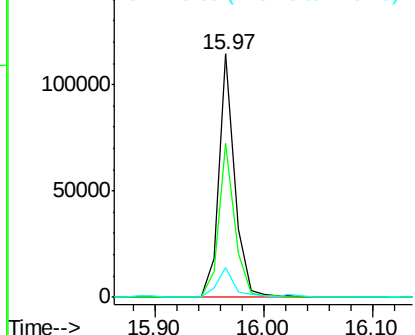
#81
 3,3'-Dichlorobenzidine
 Concen: 34.52 ng
 RT: 15.97 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tot Ion:252 Resp: 117664
 Ion Ratio Lower Upper
 252 100
 254 63.4 52.2 78.2
 126 12.3 6.6 9.8#

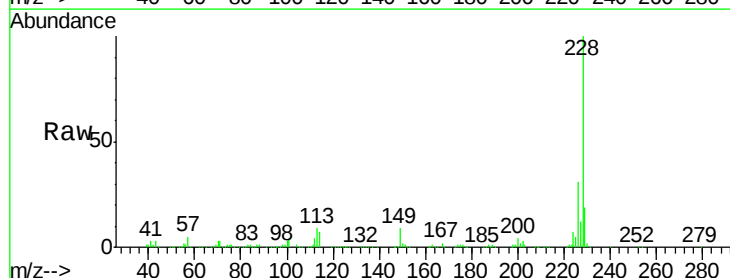


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

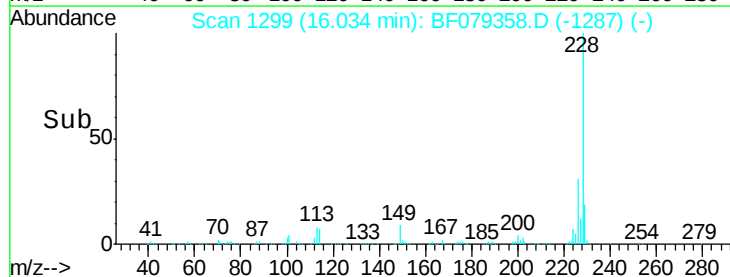
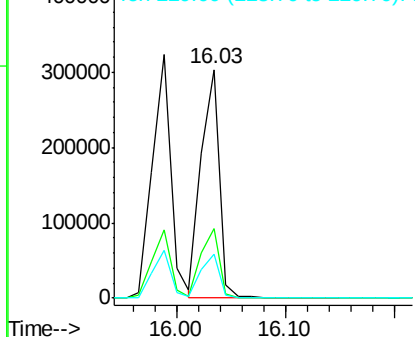


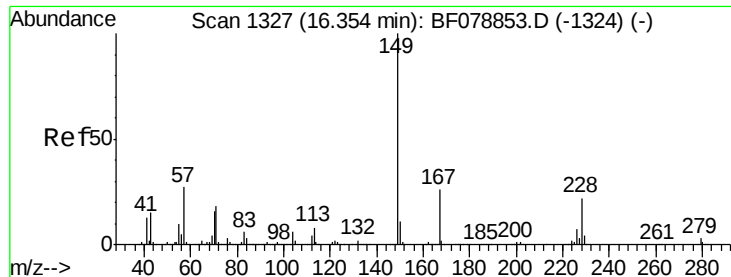
#82
 Chrysene
 Concen: 38.84 ng
 RT: 16.03 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:228 Resp: 357463
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.8 37.2
 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

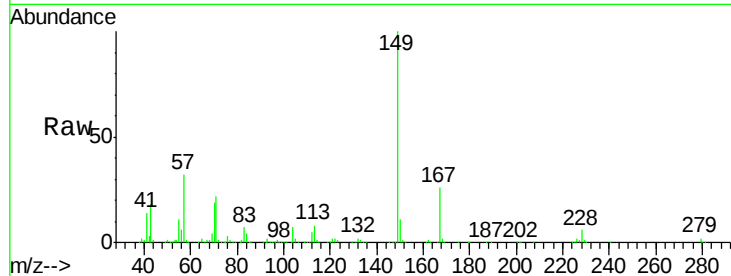




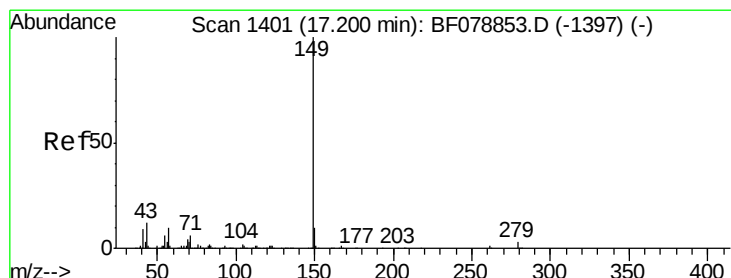
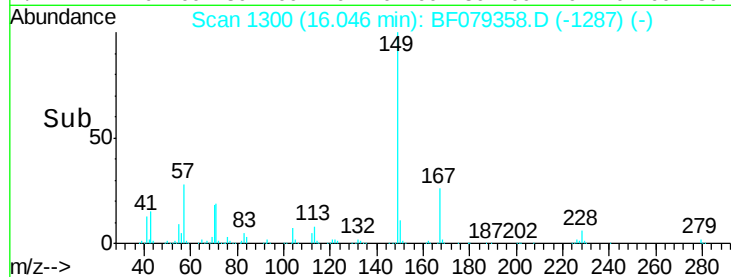
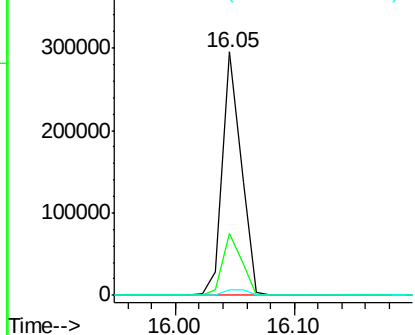
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.00 ng
 RT: 16.05 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tot Ion:149 Resp: 320014
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.2 31.8
 279 2.2 2.6 4.0#

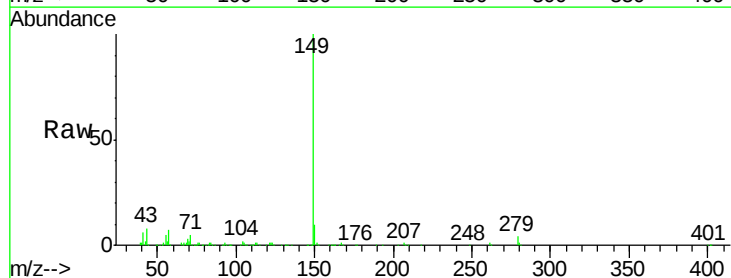


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

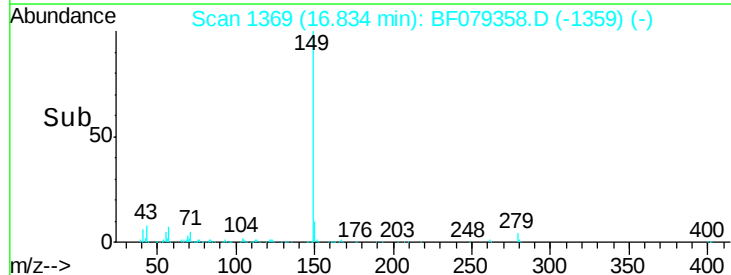
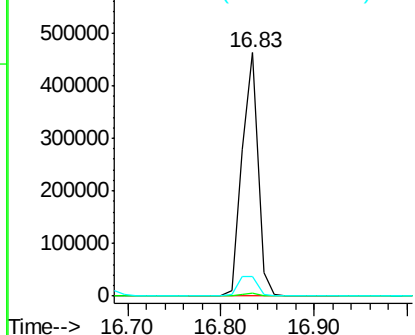


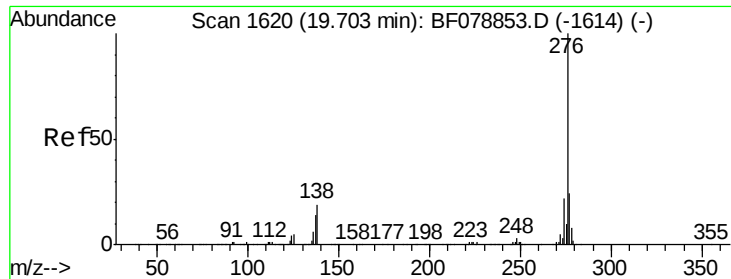
#84
 Di-n-octyl phthalate
 Concen: 46.92 ng
 RT: 16.83 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:149 Resp: 550918
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 9.0 13.6



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

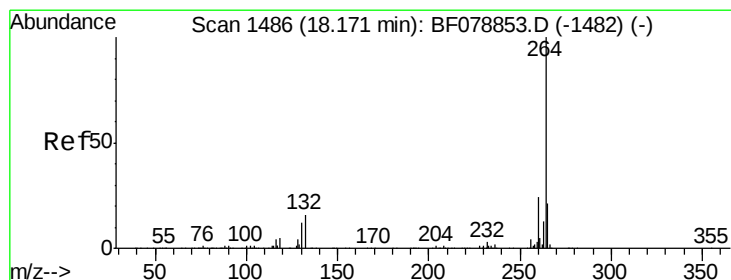
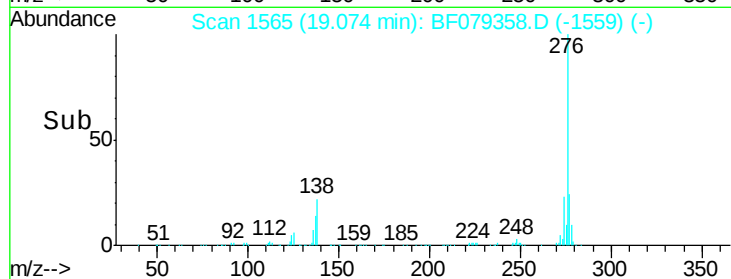
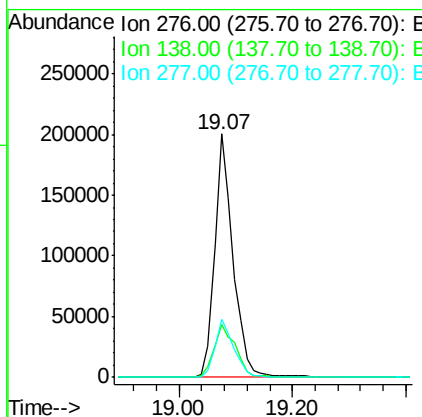
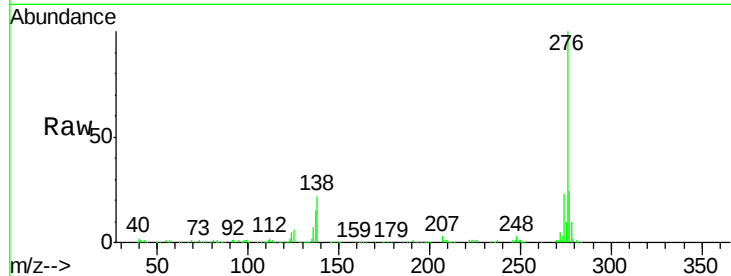




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.22 ng
RT: 19.07 min Scan# 1565
Delta R.T. -0.14 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

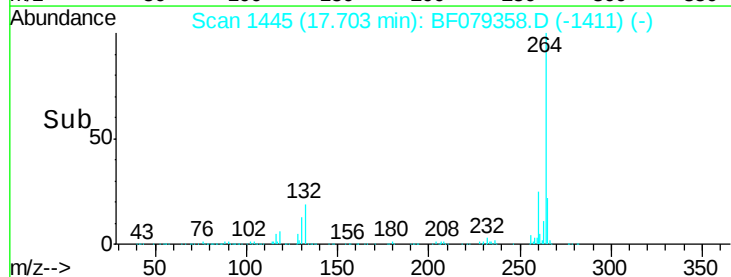
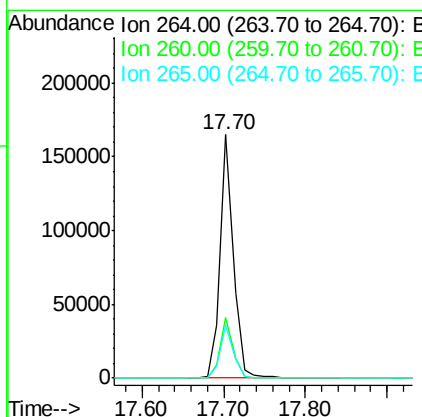
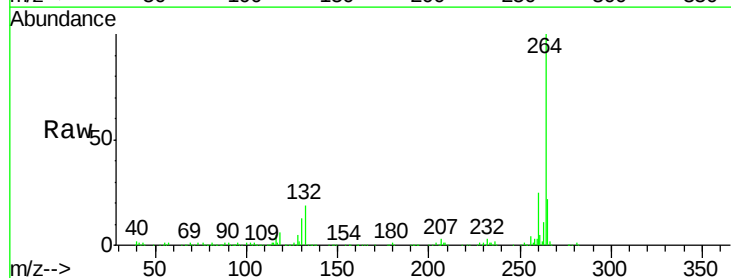
Instrument :
BNA_F
ClientSampled :
SB-20MS

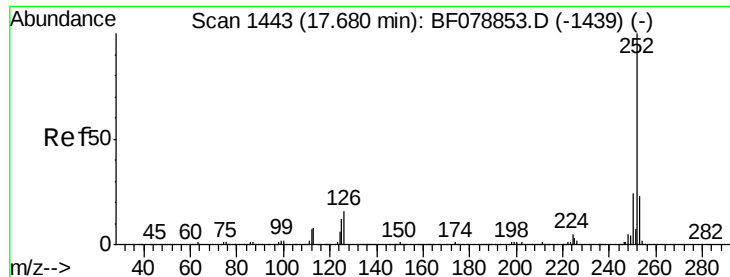
Tot Ion:276 Resp: 448203
Ion Ratio Lower Upper
276 100
138 26.1 21.1 31.7
277 24.7 19.9 29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1445
Delta R.T. -0.11 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion:264 Resp: 185570
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 36.47 ng

RT: 17.27 min Scan# 1407

Delta R.T. -0.08 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

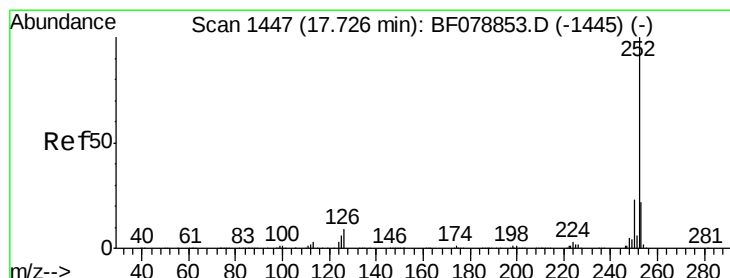
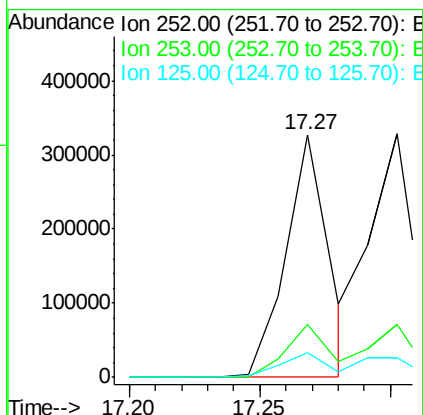
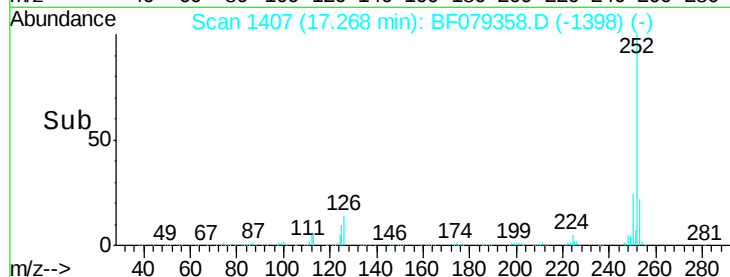
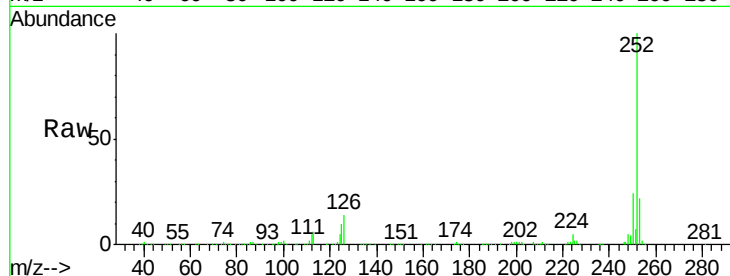
Tot Ion:252 Resp: 370471

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 9.9 9.4 14.2



#88

Benzo(k)fluoranthene

Concen: 39.56 ng m

RT: 17.30 min Scan# 1410

Delta R.T. -0.08 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

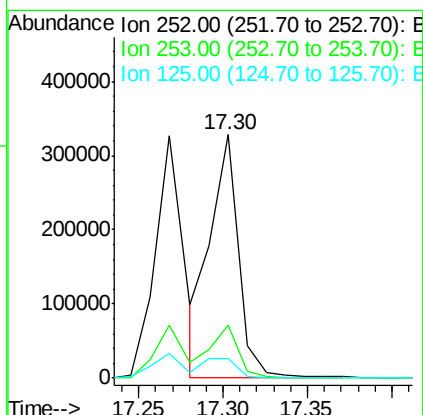
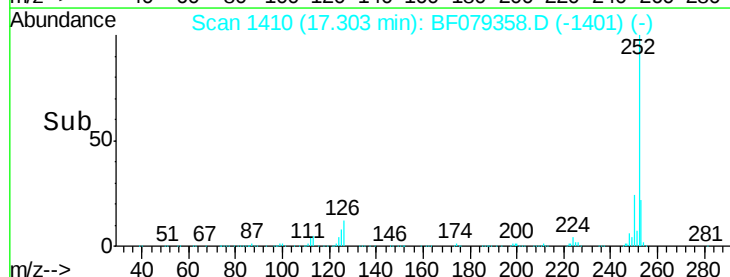
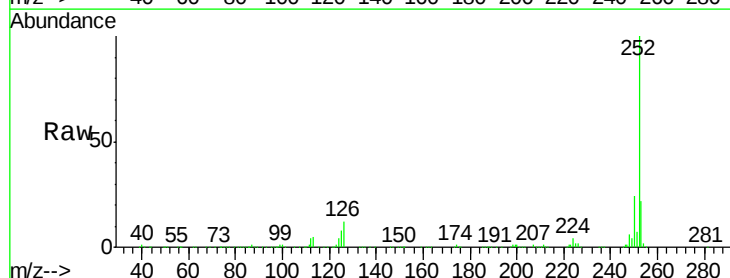
Tgt Ion:252 Resp: 389025

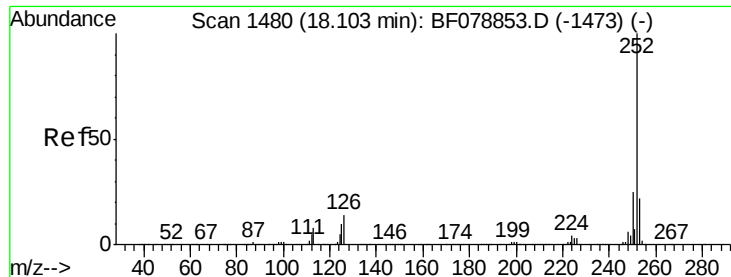
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.1 6.1 9.1





#89

Benzo(a)pyrene

Concen: 38.75 ng

RT: 17.65 min Scan# 1440

Delta R.T. -0.10 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

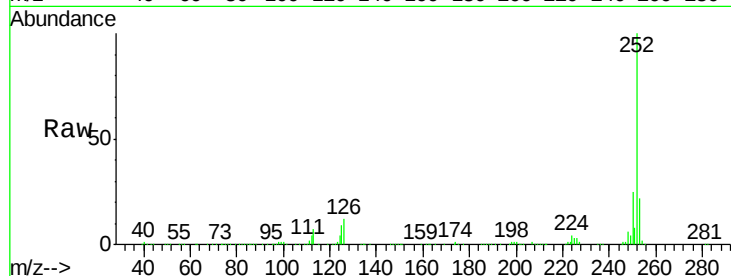
Tot Ion:252 Resp: 362377

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

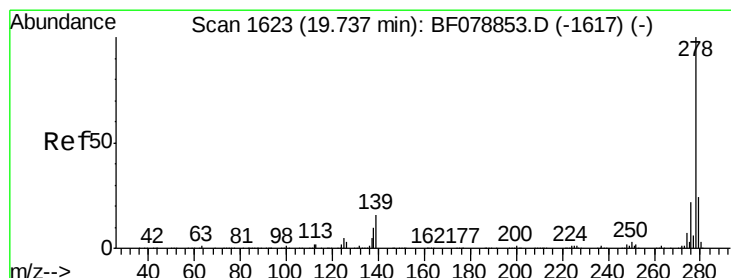
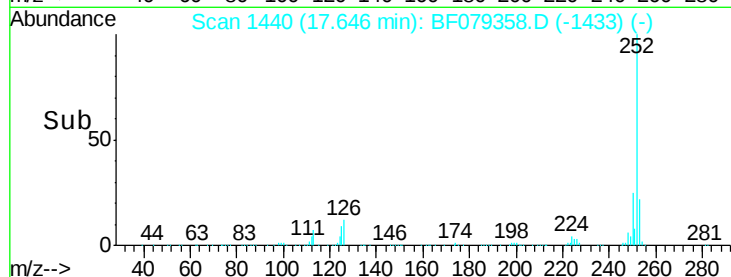
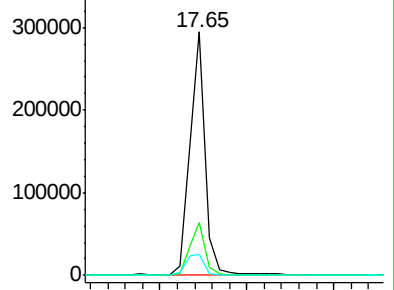
125 8.8 8.2 12.2



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: 38.64 ng

RT: 19.10 min Scan# 1567

Delta R.T. -0.15 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

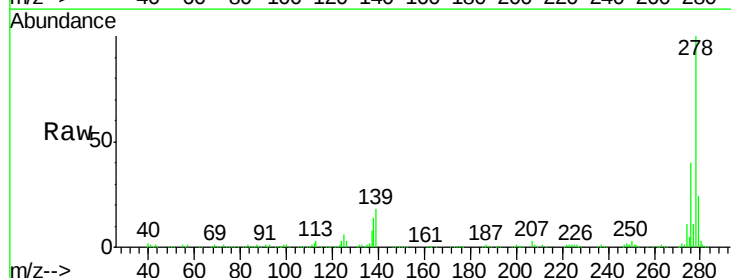
Tgt Ion:278 Resp: 384058

Ion Ratio Lower Upper

278 100

139 17.7 13.1 19.7

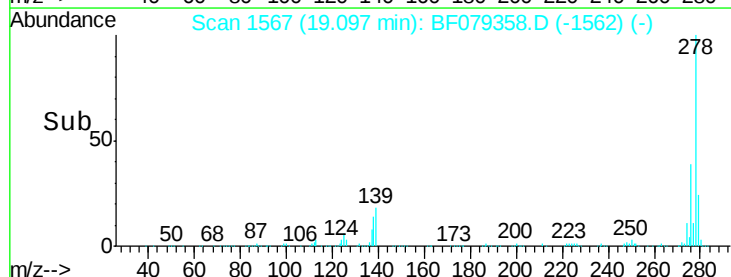
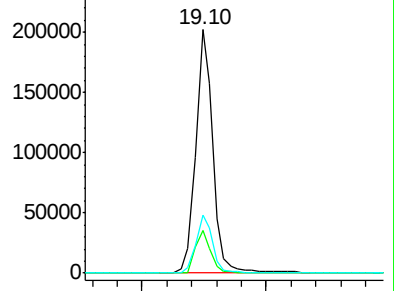
279 23.8 19.1 28.7

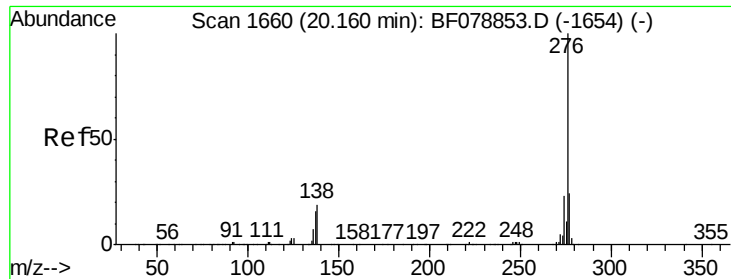


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.48 ng
 RT: 19.49 min Scan# 1601
 Delta R.T. -0.14 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	19.6	15.2	22.8

