

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094073.D
 Acq On : 30 Mar 2017 22:16
 Operator : SJ/MA
 Sample : I2417-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

Quant Time: Mar 31 01:52:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	189768	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	792124	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	368325	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	626124	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	459658	20.00	ng	-0.04
86) Perylene-d12	16.26	264	342192	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1277745	113.72	ng	-0.02
7) Phenol-d6	5.53	99	1660862	119.49	ng	-0.02
23) Nitrobenzene-d5	6.56	82	1036734	74.69	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	364085	125.09	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1824310	75.55	ng	-0.04
78) Terphenyl-d14	13.36	244	1442616	70.35	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	173560	32.15	ng	99
4) n-Nitrosodimethylamine	2.76	42	224014	37.01	ng	92
6) Aniline	5.54	93	181178	9.37	ng	# 1
8) 2-Chlorophenol	5.68	128	516420	41.82	ng	97
9) Benzaldehyde	5.40	77	127711	13.61	ng	99
10) Phenol	5.54	94	605323	38.27	ng	98
11) bis(2-Chloroethyl)ether	5.62	93	486610	39.37	ng	95
12) 1,3-Dichlorobenzene	5.85	146	538180	38.85	ng	98
13) 1,4-Dichlorobenzene	5.93	146	546944	38.98	ng	98
14) 1,2-Dichlorobenzene	6.11	146	510236	39.49	ng	95
15) Benzyl Alcohol	6.08	79	427025	41.98	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.25	45	671388	35.25	ng	96
17) 2-Methylphenol	6.23	107	432473	40.89	ng	96
18) Hexachloroethane	6.50	117	191088	38.75	ng	# 88
19) n-Nitroso-di-n-propylamine	6.40	70	362213	40.55	ng	97
20) 3+4-Methylphenols	6.41	107	563164	43.96	ng	# 62
22) Acetophenone	6.39	105	738706	41.84	ng	# 86
24) Nitrobenzene	6.59	77	530082	38.72	ng	92
25) Isophorone	6.87	82	984968	40.38	ng	95
26) 2-Nitrophenol	6.96	139	293486	44.96	ng	98
27) 2,4-Dimethylphenol	7.03	122	476226	42.34	ng	97
28) bis(2-Chloroethoxy)methane	7.13	93	635700	39.52	ng	99
29) 2,4-Dichlorophenol	7.26	162	463556	44.08	ng	98
30) 1,2,4-Trichlorobenzene	7.35	180	438203	40.45	ng	98
31) Naphthalene	7.45	128	1475589	38.74	ng	99
32) Benzoic acid	7.15	122	111106	14.84	ng	97
33) 4-Chloroaniline	7.51	127	165626	10.73	ng	# 93
34) Hexachlorobutadiene	7.60	225	218623	39.35	ng	98
35) Caprolactam	7.95	113	42830	12.77	ng	96
36) 4-Chloro-3-methylphenol	8.13	107	480807	43.75	ng	92
37) 2-Methylnaphthalene	8.29	142	1046520	41.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.49	216	386688	38.38	ng	99
40) Hexachlorocyclopentadiene	8.49	237	381652	80.94	ng	99
42) 2,4,6-Trichlorophenol	8.64	196	314793	44.16	ng	98

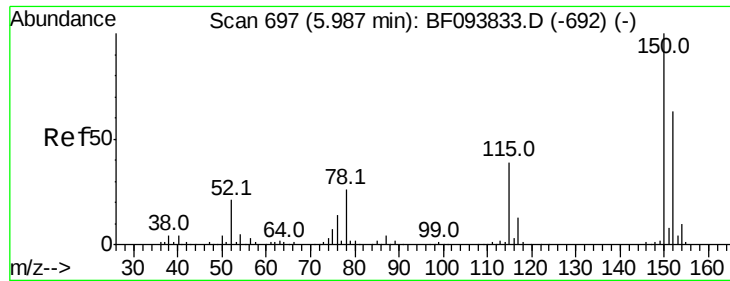
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.70	196	313074	40.59	nq	# 92
45) 1,1'-Biphenyl	8.86	154	1159867	39.04	nq	98
46) 2-Chloronaphthalene	8.88	162	920271	39.57	nq	95
47) 2-Nitroaniline	9.01	65	278604	40.38	nq	# 85
48) Acenaphthylene	9.39	152	1455103	37.65	nq	99
49) Dimethylphthalate	9.26	163	1216816	46.48	nq	99
50) 2,6-Dinitrotoluene	9.32	165	249286	41.53	nq	# 88
51) Acenaphthene	9.60	154	862519	38.24	nq	99
52) 3-Nitroaniline	9.52	138	154334	21.90	nq	92
53) 2,4-Dinitrophenol	9.65	184	205265	64.85	nq	# 73
54) Dibenzofuran	9.82	168	1251339	40.76	nq	100
55) 4-Nitrophenol	9.77	139	377551	68.41	nq	# 75
56) 2,4-Dinitrotoluene	9.81	165	305607	40.53	nq	# 69
57) Fluorene	10.24	166	931640	36.59	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.97	232	232162	43.86	nq	98
59) Diethylphthalate	10.12	149	1055429	40.79	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	408692	37.68	nq	90
61) 4-Nitroaniline	10.28	138	247621	36.61	nq	95
62) Azobenzene	10.44	77	1008288	41.19	nq	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	166905	43.53	nq	# 73
65) n-Nitrosodiphenylamine	10.39	169	848507	39.19	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	256984	41.73	nq	95
67) Hexachlorobenzene	10.92	284	262874	42.17	nq	# 91
68) Atrazine	11.06	200	240499	37.08	nq	97
69) Pentachlorophenol	11.16	266	259557	66.90	nq	98
70) Phenanthrene	11.42	178	1355935	38.93	nq	99
71) Anthracene	11.48	178	1387210	38.68	nq	99
72) Carbazole	11.68	167	1304609	35.48	nq	99
73) Di-n-butylphthalate	12.13	149	1594324	41.69	nq	99
74) Fluoranthene	12.88	202	1342779	37.65	nq	99
77) Pyrene	13.16	202	1348431	40.42	nq	100
79) Butylbenzylphthalate	13.97	149	649205	45.67	nq	# 85
80) Benzo(a)anthracene	14.63	228	1065620	39.76	nq	99
81) 3,3'-Dichlorobenzidine	14.60	252	175512	18.32	nq	# 95
82) Chrysene	14.67	228	913773	36.74	nq	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	898330	46.33	nq	# 98
84) Di-n-octyl phthalate	15.44	149	1453875	44.88	nq	98
85) Indeno(1,2,3-cd)pyrene	17.62	276	790472	36.69	nq	100
87) Benzo(b)fluoranthene	15.86	252	858989	40.95	nq	98
88) Benzo(k)fluoranthene	15.86	252	858989	41.86	nq	96
89) Benzo(a)pyrene	16.21	252	777643	40.26	nq	99
90) Dibenzo(a,h)anthracene	17.64	278	662849	40.52	nq	97
91) Benzo(g,h,i)perylene	18.03	276	658079	39.92	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.91 min Scan# 684

Delta R.T. -0.04 min

Lab File: BF094073.D

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Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

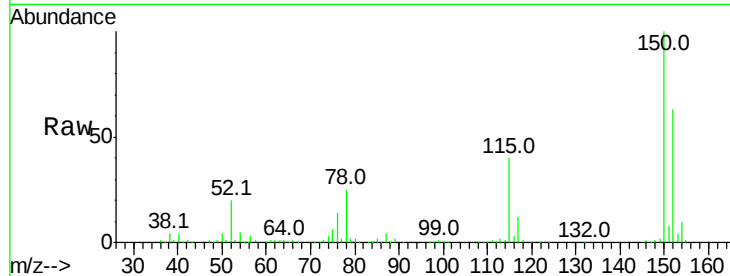
Tot Ion:152 Resp: 189768

Ion Ratio Lower Upper

152 100

150 159.5 126.2 189.2

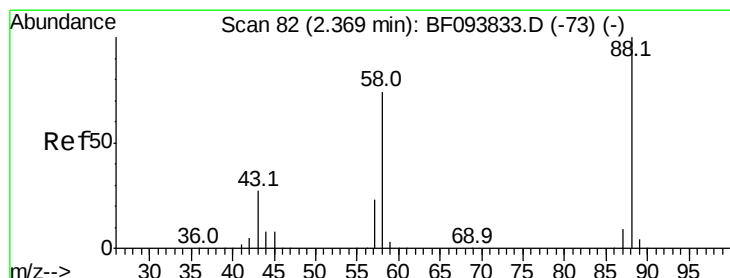
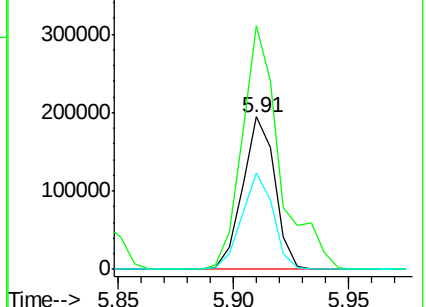
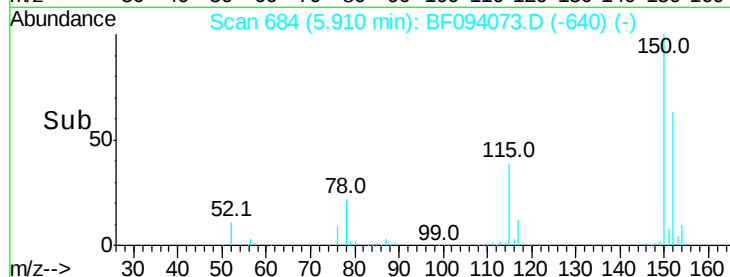
115 63.2 52.2 78.2



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: 32.15 ng

RT: 2.33 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

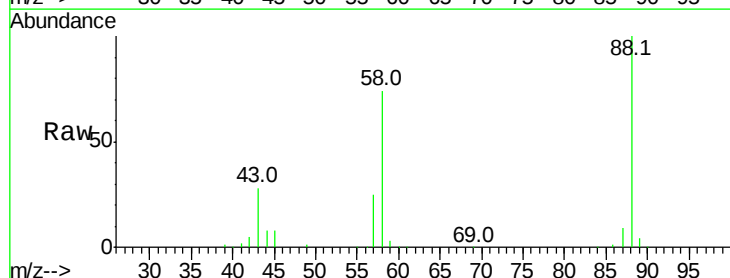
Tgt Ion: 88 Resp: 173560

Ion Ratio Lower Upper

88 100

58 75.7 61.4 92.0

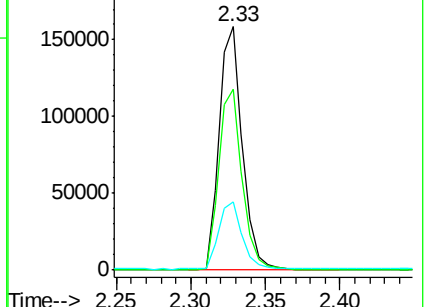
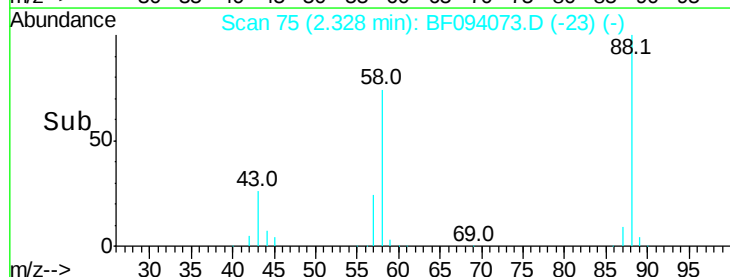
43 28.2 23.4 35.0

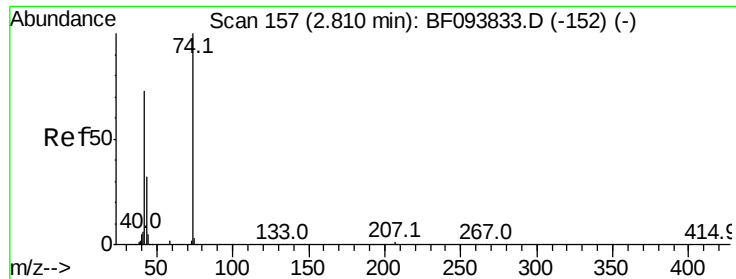


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



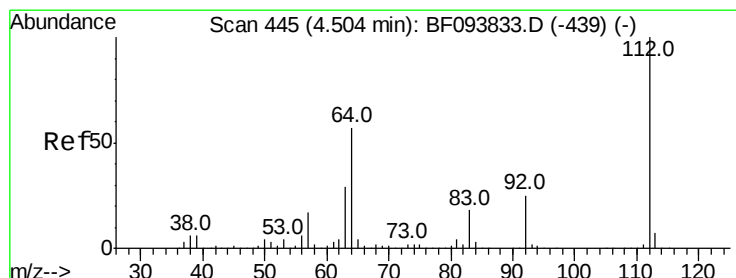
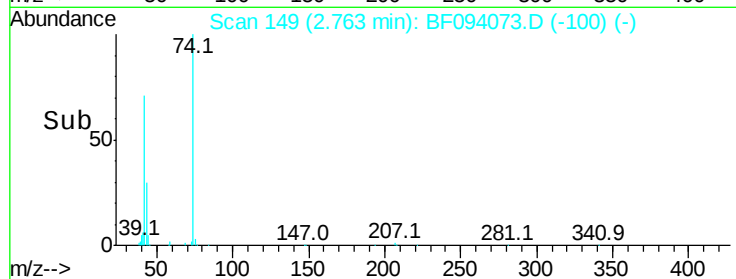
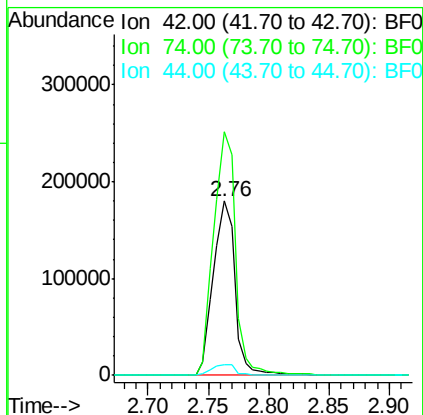
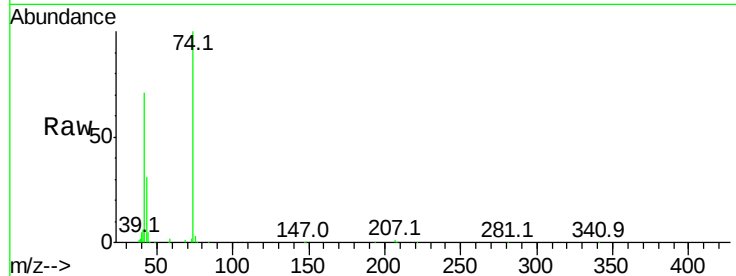


#4

n-Nitrosodimethylamine
 Concen: 37.01 ng
 RT: 2.76 min Scan# 149
 Delta R.T. -0.01 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

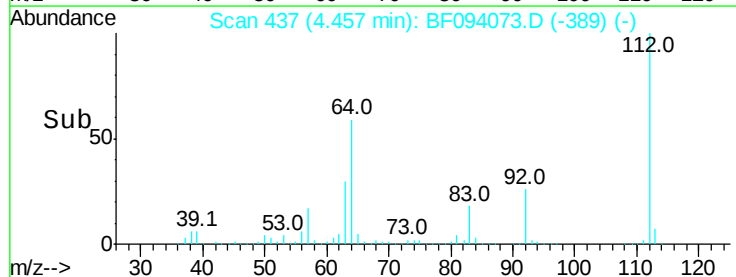
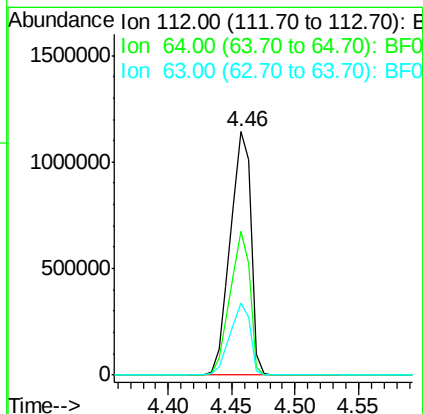
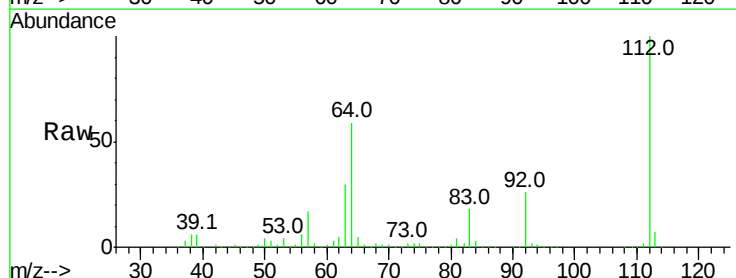
Tot Ion: 42 Resp: 224014
 Ion Ratio Lower Upper
 42 100
 74 140.0 103.9 155.9
 44 6.5 5.7 8.5

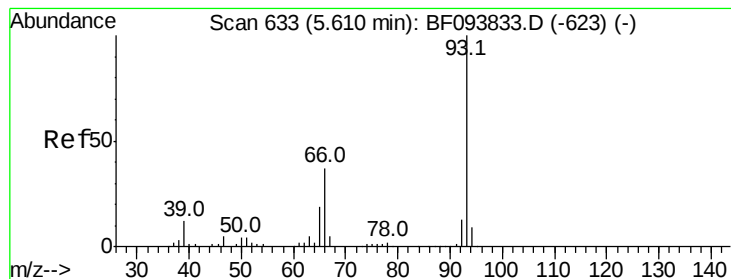


#5

2-Fluorophenol
 Concen: 113.72 ng
 RT: 4.46 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion: 112 Resp: 1277745
 Ion Ratio Lower Upper
 112 100
 64 58.9 46.0 69.0
 63 29.7 23.4 35.0





#6

Aniline

Concen: 9.37 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

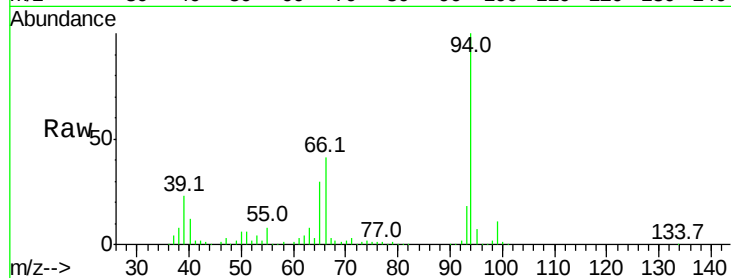
Tot Ion: 93 Resp: 181178

Ion Ratio Lower Upper

93 100

66 230.3 32.9 49.3#

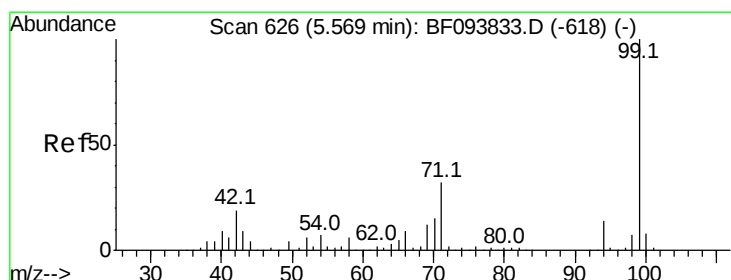
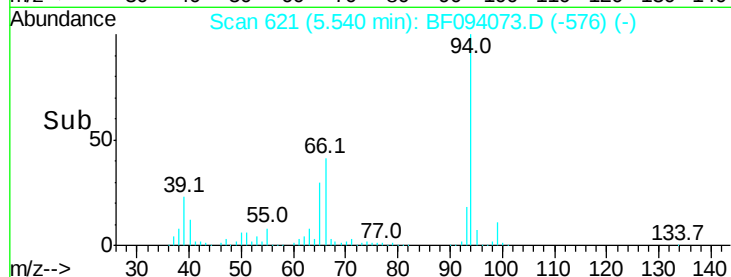
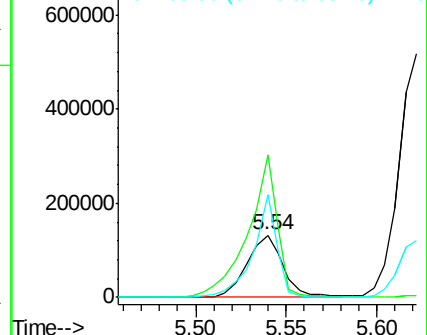
65 166.4 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 119.49 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

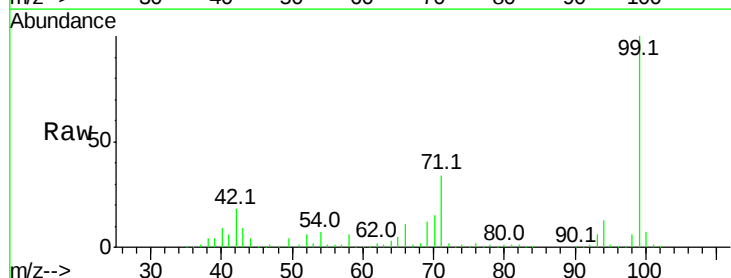
Tgt Ion: 99 Resp: 1660862

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

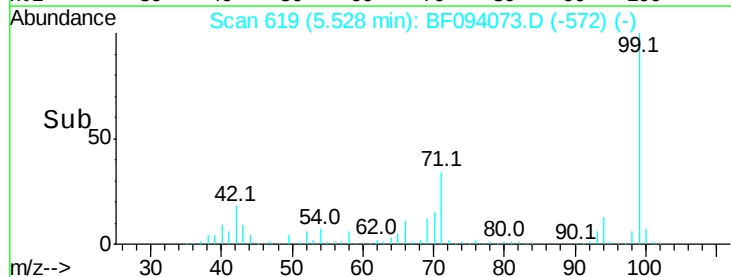
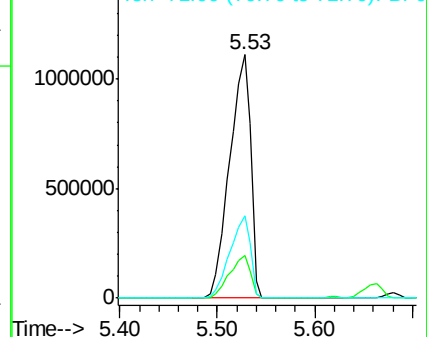
71 33.6 24.5 36.7

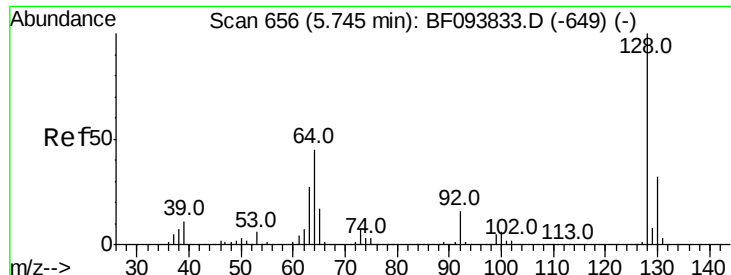


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 41.82 ng

RT: 5.68 min Scan# 645

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

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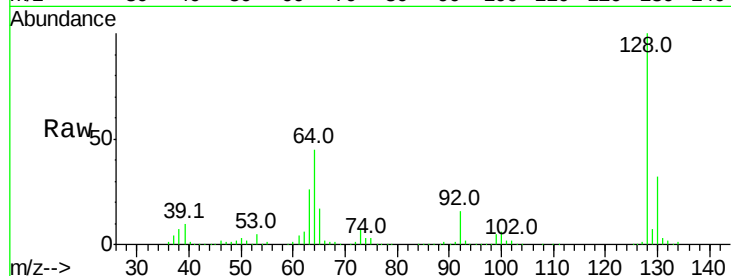
Tot Ion:128 Resp: 516420

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

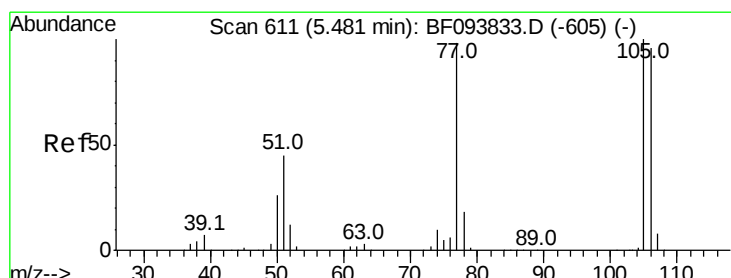
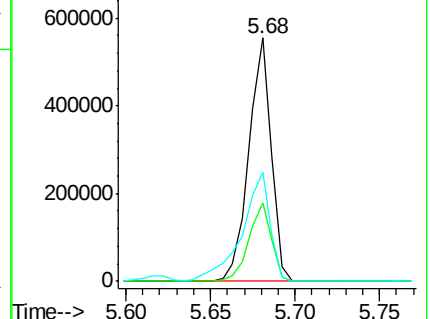
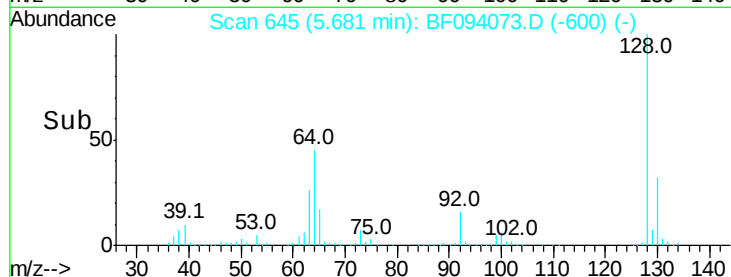
64 45.0 28.4 68.4



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): BFO



#9

Benzaldehyde

Concen: 13.61 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

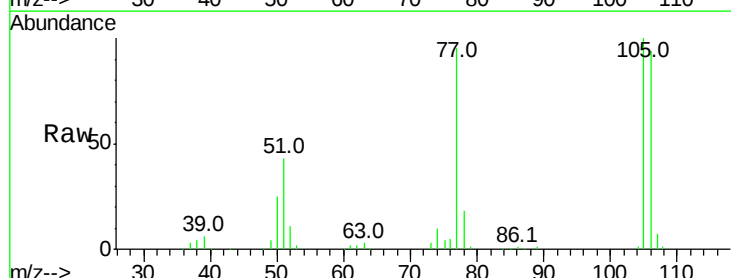
Tgt Ion: 77 Resp: 127711

Ion Ratio Lower Upper

77 100

105 105.0 83.8 123.8

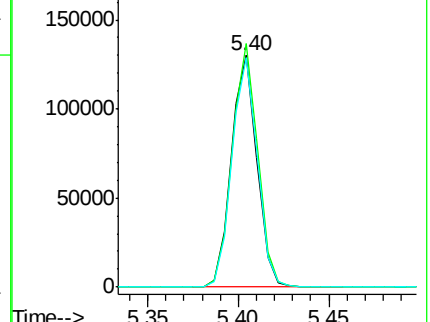
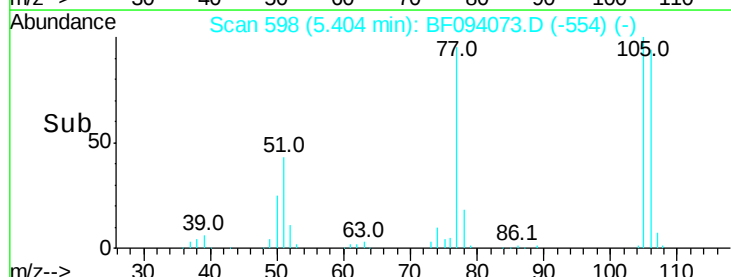
106 99.1 79.1 119.1

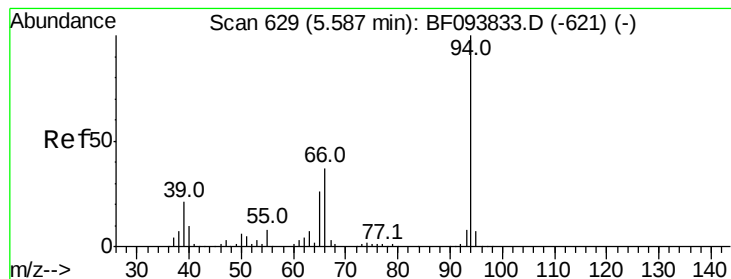


Abundance Ion 77.00 (76.70 to 77.70): BFO

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 38.27 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

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SW-1(1.5-2)MS

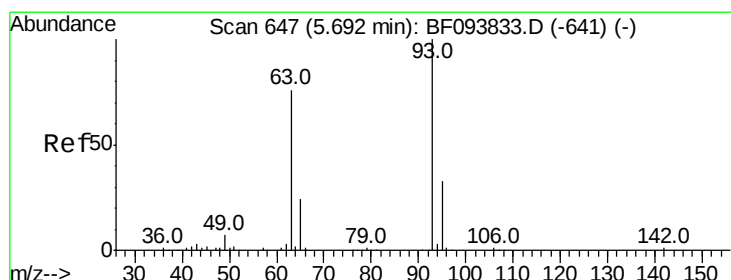
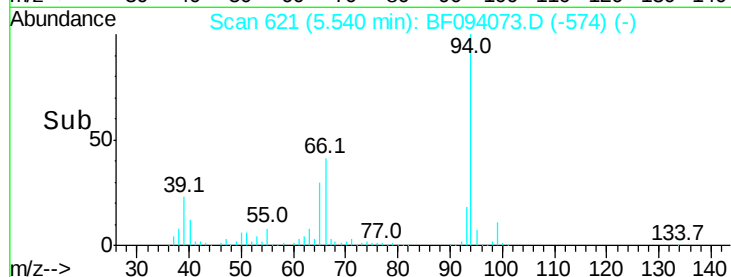
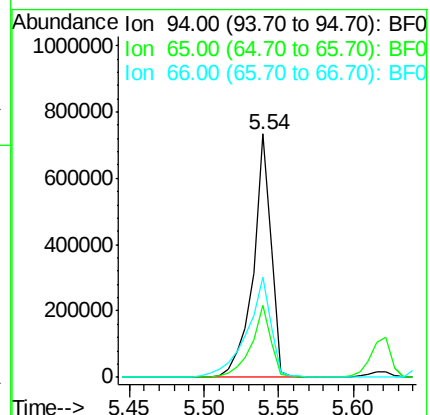
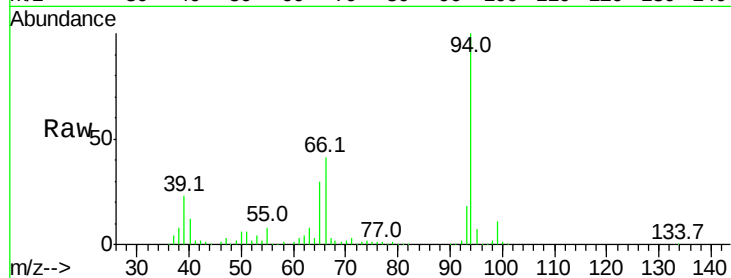
Tot Ion: 94 Resp: 605323

Ion Ratio Lower Upper

94 100

65 29.8 9.9 49.9

66 41.3 23.1 63.1



#11

bis(2-Chloroethyl)ether

Concen: 39.37 ng

RT: 5.62 min Scan# 635

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

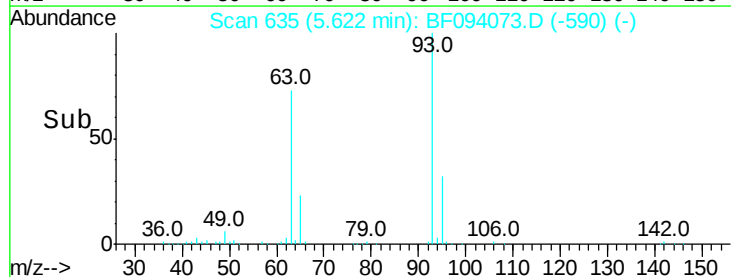
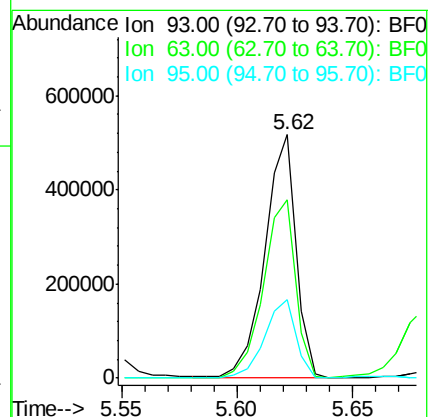
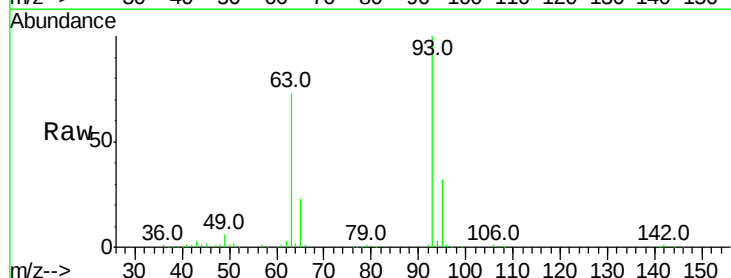
Tgt Ion: 93 Resp: 486610

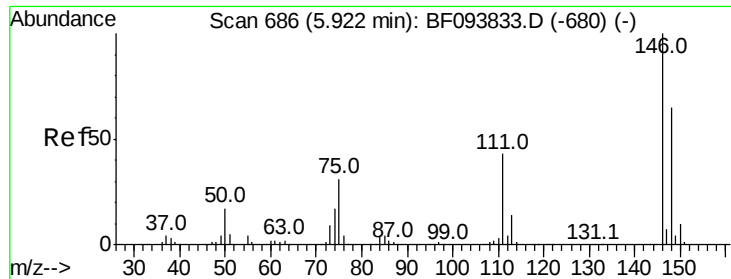
Ion Ratio Lower Upper

93 100

63 73.1 59.2 99.2

95 32.0 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 38.85 ng

RT: 5.85 min Scan# 673

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

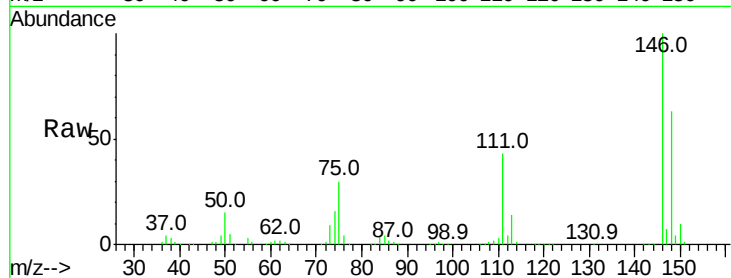
Tot Ion:146 Resp: 538180

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.6

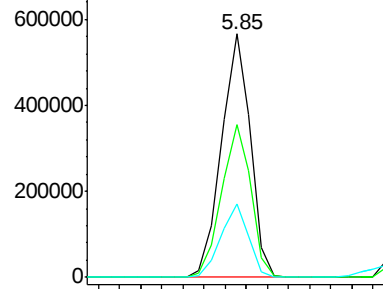
75 29.9 23.1 34.7



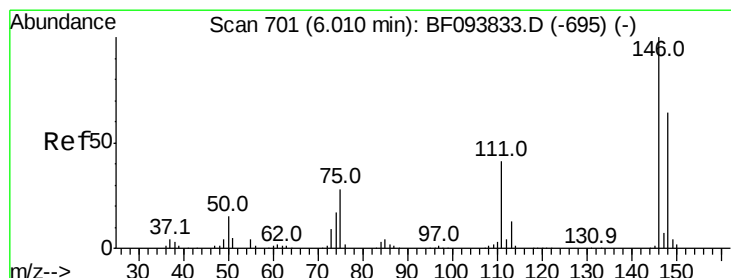
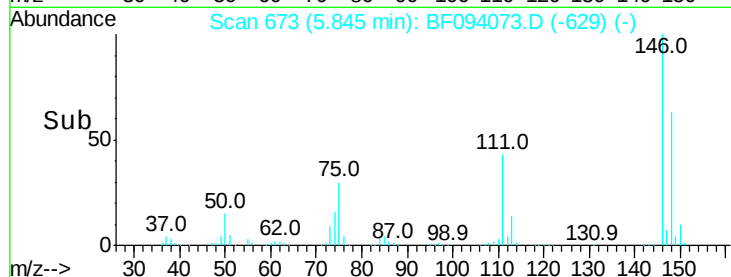
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



Time-->



#13

1,4-Dichlorobenzene

Concen: 38.98 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

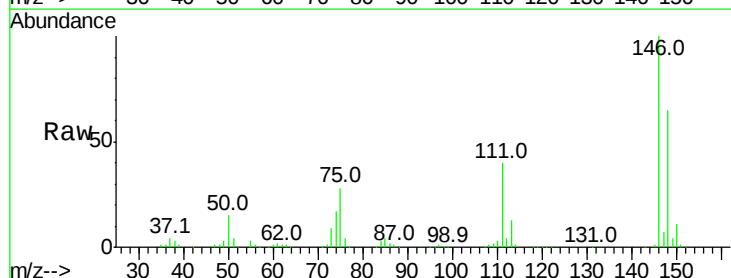
Tgt Ion:146 Resp: 546944

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

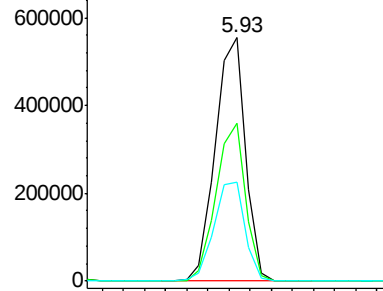
111 40.4 30.3 45.5



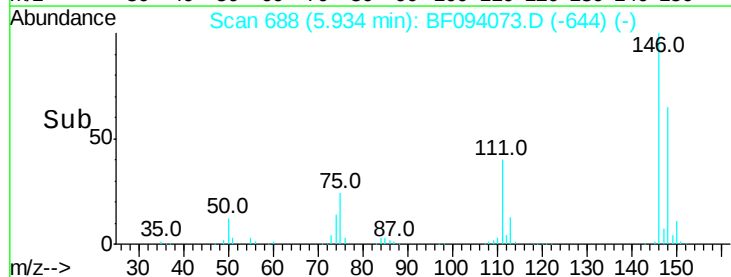
Abundance Ion 146.00 (145.70 to 146.70): E

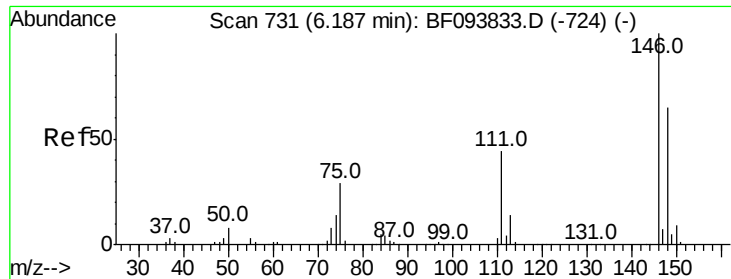
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->





#14

1,2-Dichlorobenzene

Concen: 39.49 ng

RT: 6.11 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

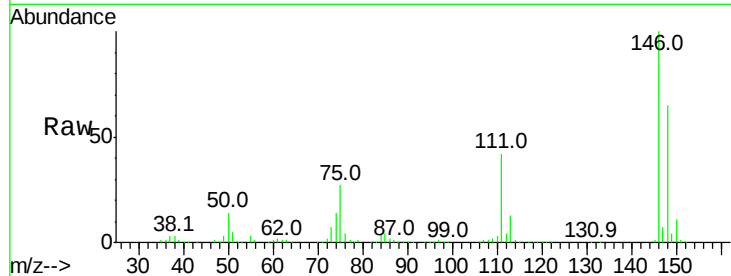
Tot Ion:146 Resp: 510236

Ion Ratio Lower Upper

146 100

148 64.7 50.4 75.6

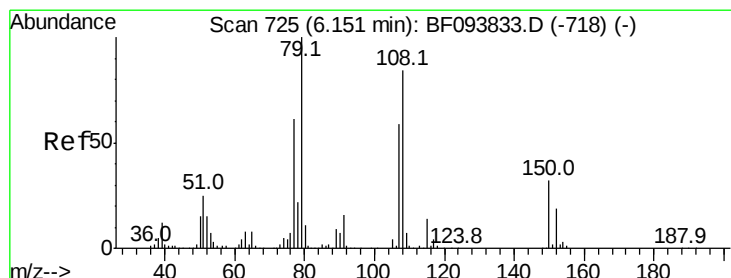
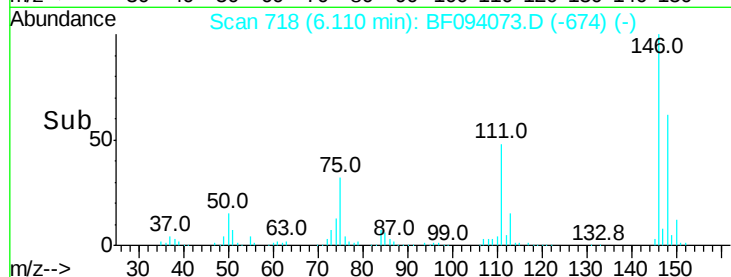
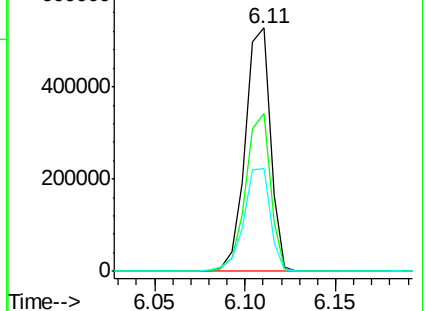
111 42.2 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 41.98 ng

RT: 6.08 min Scan# 713

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

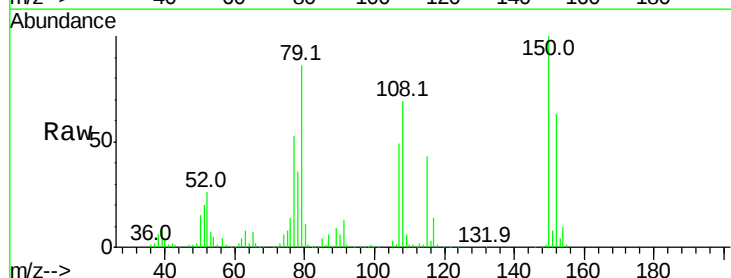
Tgt Ion: 79 Resp: 427025

Ion Ratio Lower Upper

79 100

108 80.0 63.4 95.0

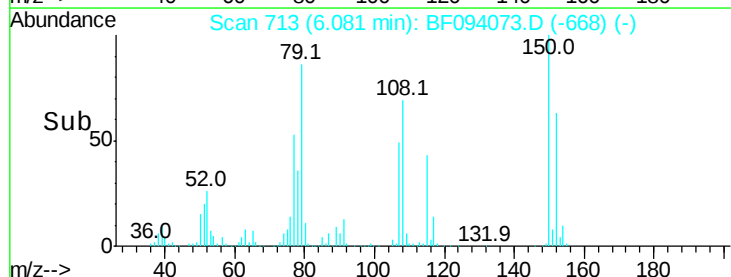
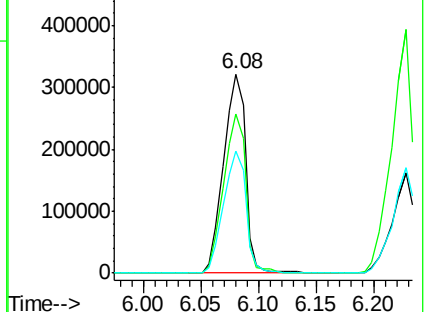
77 61.4 49.2 73.8

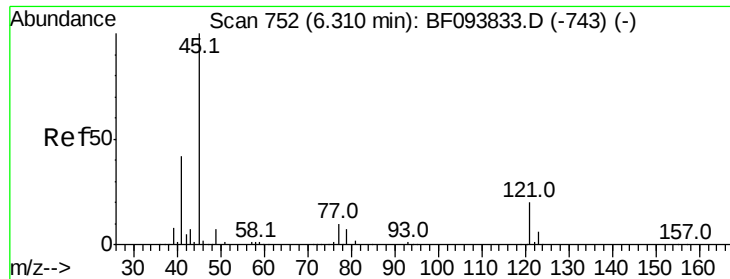


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

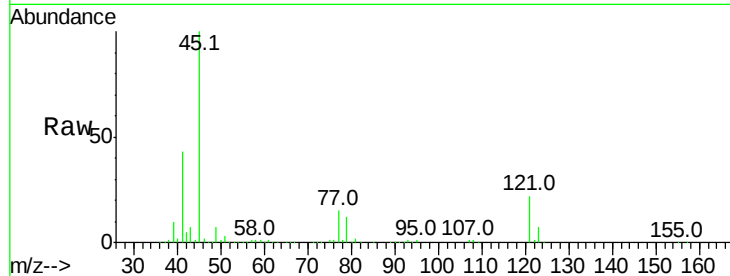




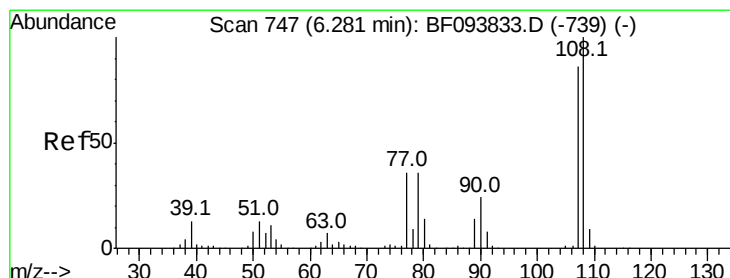
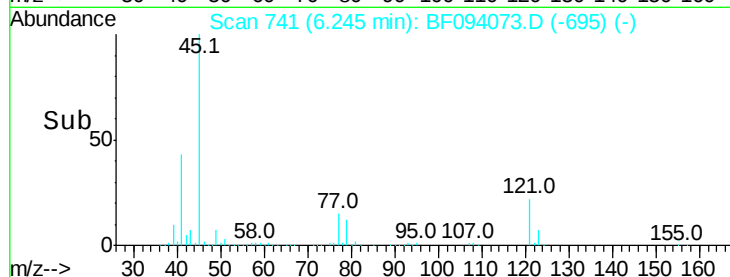
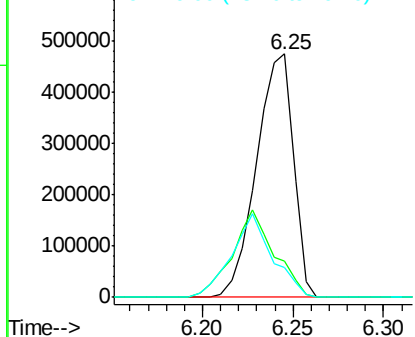
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 35.25 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

Tot Ion: 45 Resp: 671388
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.2
79 12.0 0.0 30.0

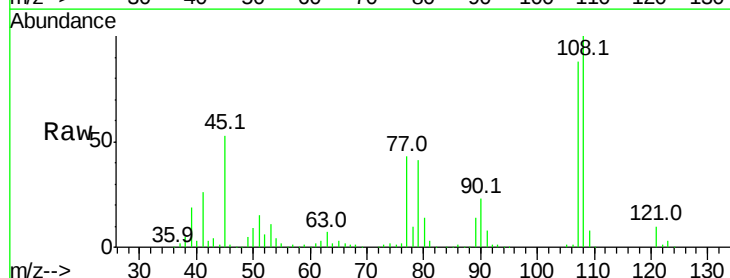


Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

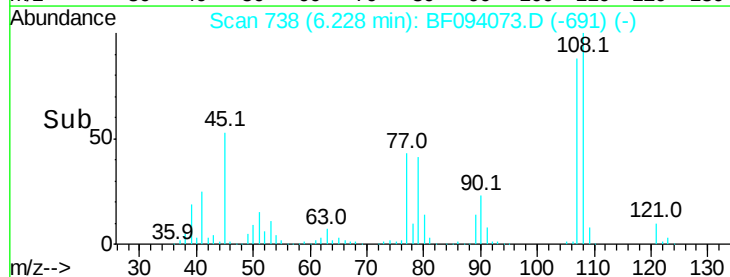
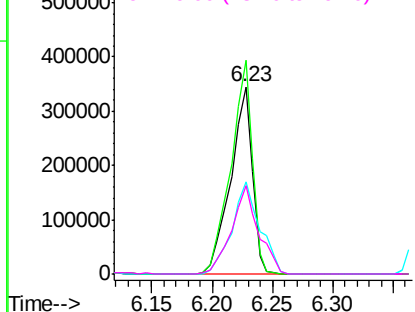


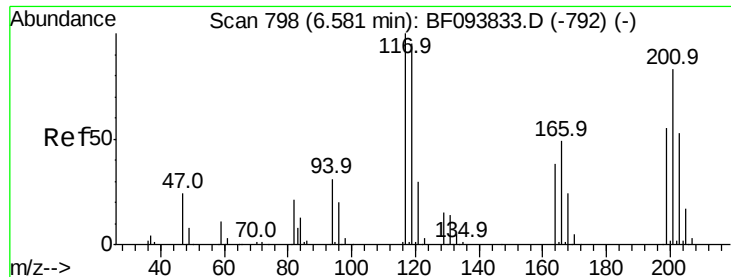
#17
2-Methylphenol
Concen: 40.89 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion: 107 Resp: 432473
Ion Ratio Lower Upper
107 100
108 114.0 93.4 140.0
77 49.3 35.8 53.6
79 47.1 34.8 52.2



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

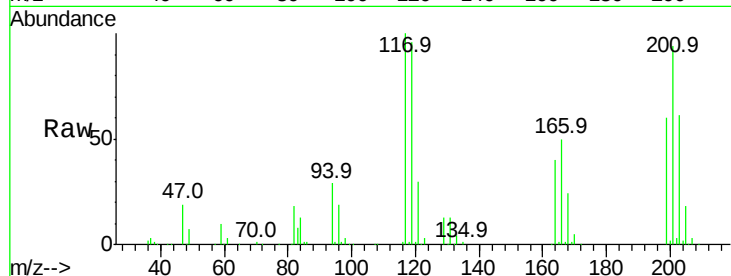




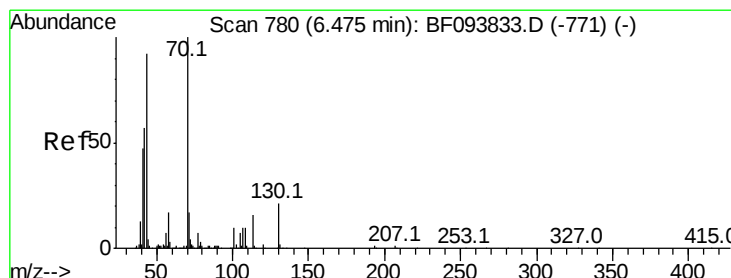
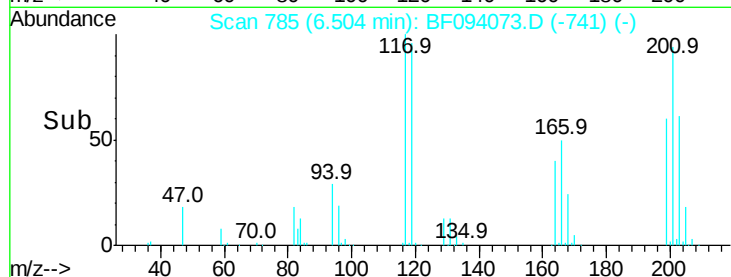
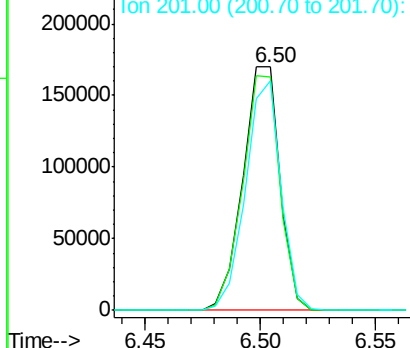
#18
Hexachloroethane
Concen: 38.75 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

Tot Ion:117 Resp: 191088
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
201 94.4 94.6 141.8#

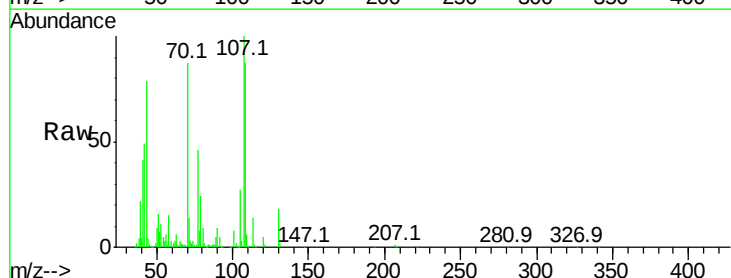


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

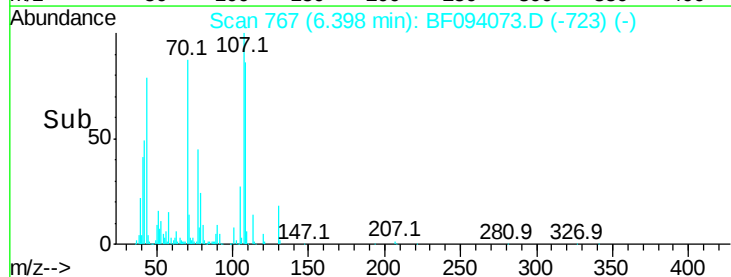
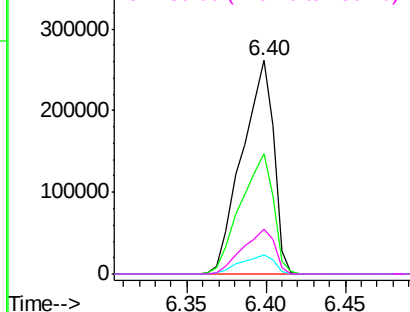


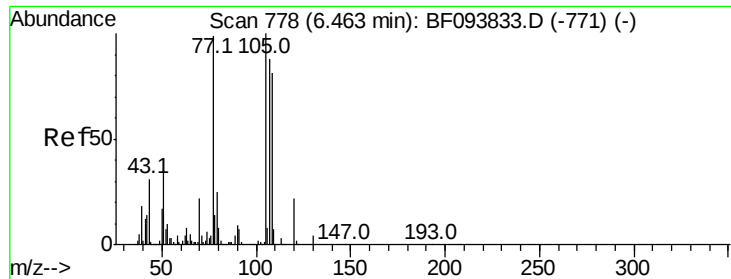
#19
n-Nitroso-di-n-propylamine
Concen: 40.55 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion: 70 Resp: 362213
Ion Ratio Lower Upper
70 100
42 56.3 47.2 70.8
101 9.3 7.2 10.8
130 21.1 15.9 23.9



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





#20

3+4-Methylphenols

Concen: 43.96 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

Tot Ion:107 Resp: 563164

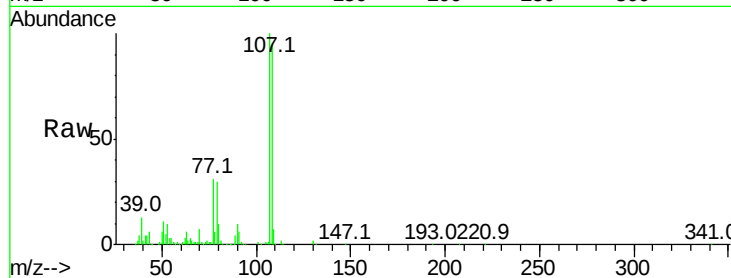
Ion Ratio Lower Upper

107 100

108 94.7 71.0 111.0

77 30.9 90.5 130.5#

79 30.0 8.4 48.4

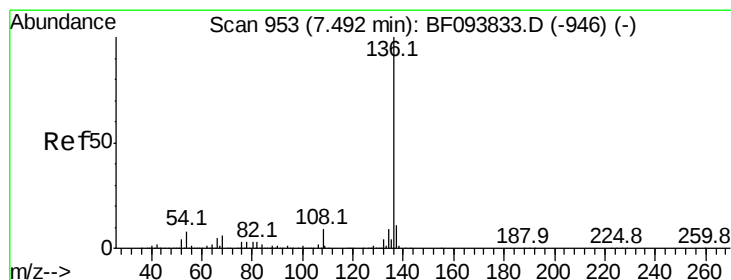
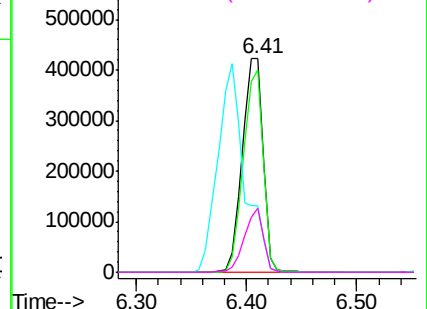
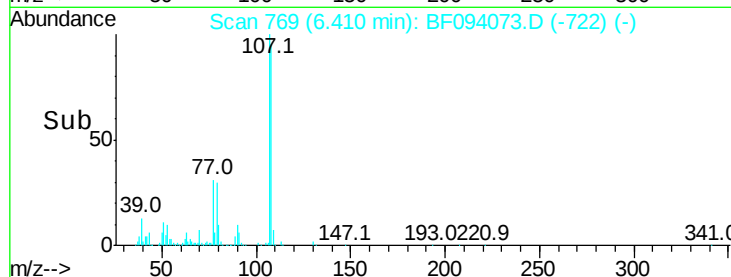


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.42 min Scan# 940

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Tgt Ion:136 Resp: 792124

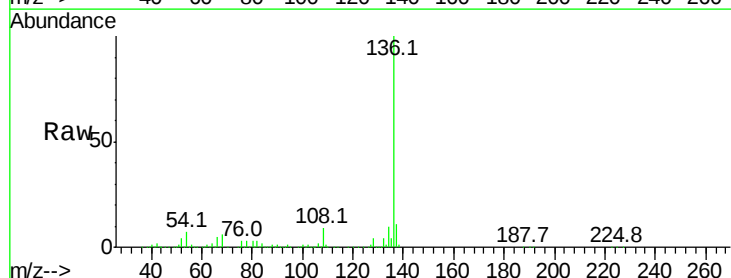
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.4 4.9 7.3#

68 5.9 4.1 6.1

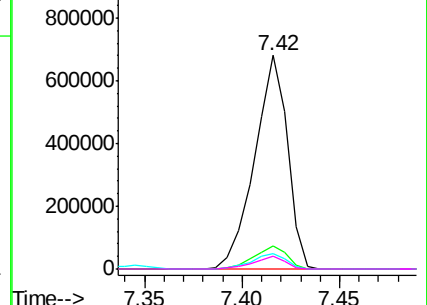
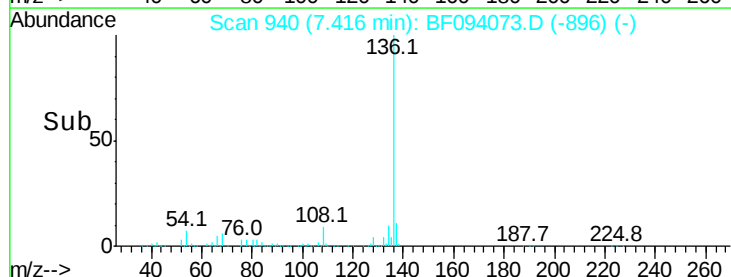


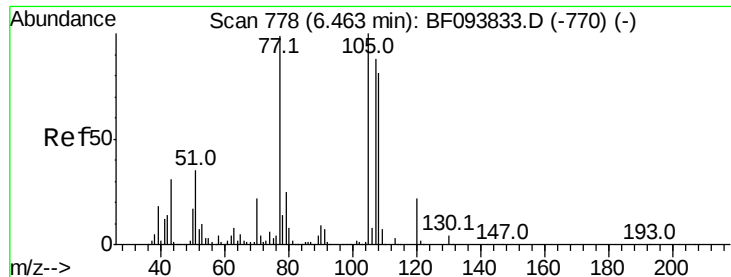
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 41.84 ng

RT: 6.39 min Scan# 765

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

Tot Ion:105 Resp: 738706

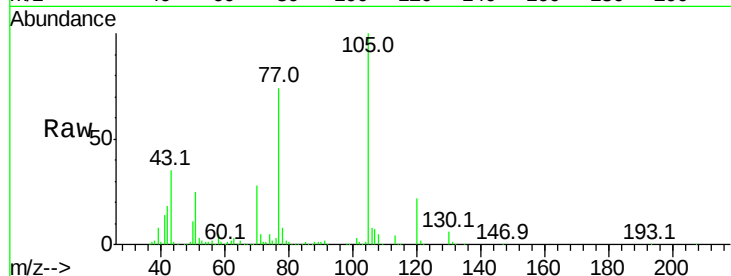
Ion Ratio Lower Upper

105 100

71 4.8 2.8 4.2#

51 25.0 30.7 46.1#

120 21.9 17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

800000

600000

400000

200000

0

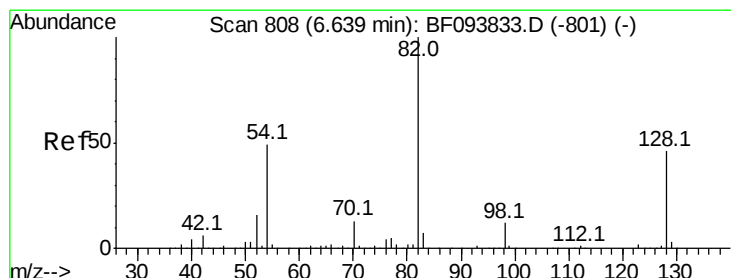
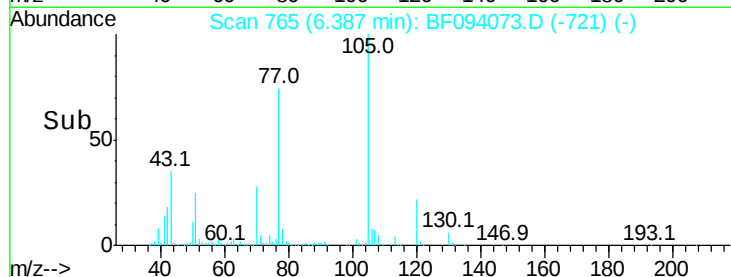
6.39

6.35

6.40

6.45

Time-->



#23

Nitrobenzene-d5

Concen: 74.69 ng

RT: 6.56 min Scan# 795

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

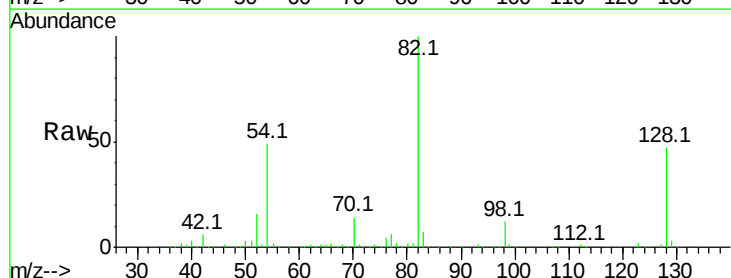
Tgt Ion: 82 Resp: 1036734

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

54 49.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

800000

600000

400000

200000

0

6.56

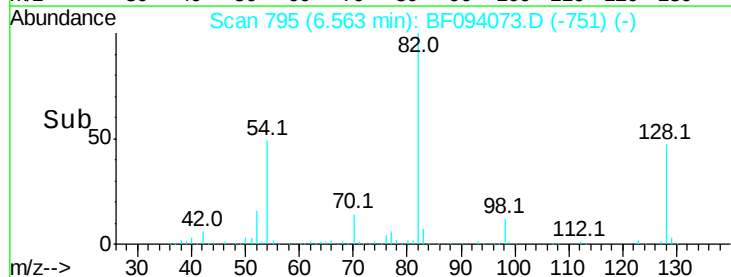
6.50

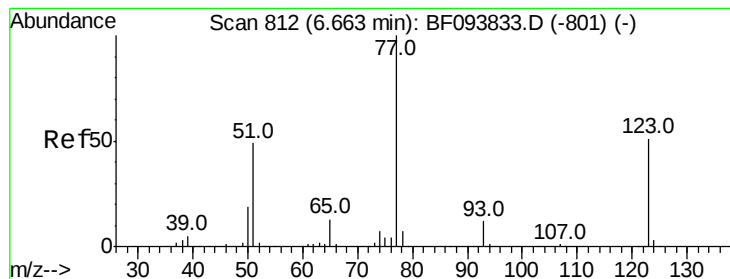
6.55

6.60

6.65

Time-->





#24

Nitrobenzene

Concen: 38.72 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

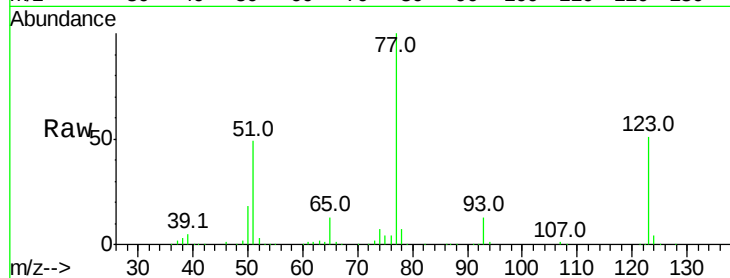
Tot Ion: 77 Resp: 530082

Ion Ratio Lower Upper

77 100

123 51.3 35.8 53.8

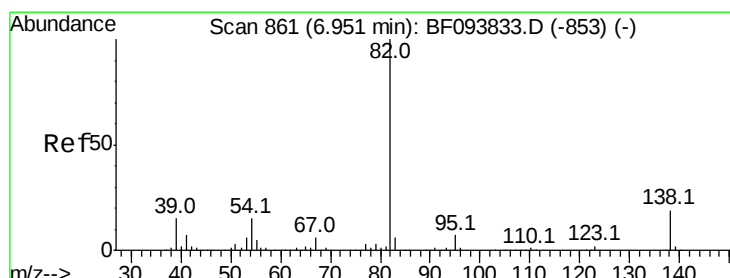
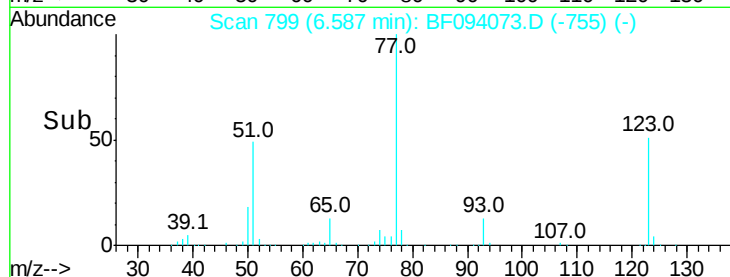
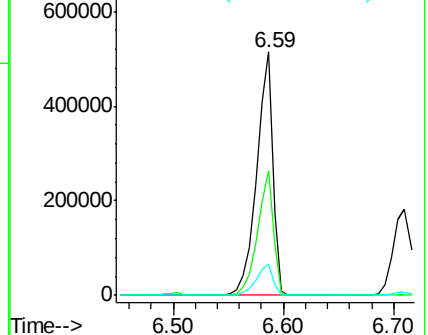
65 12.7 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 40.38 ng

RT: 6.87 min Scan# 848

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

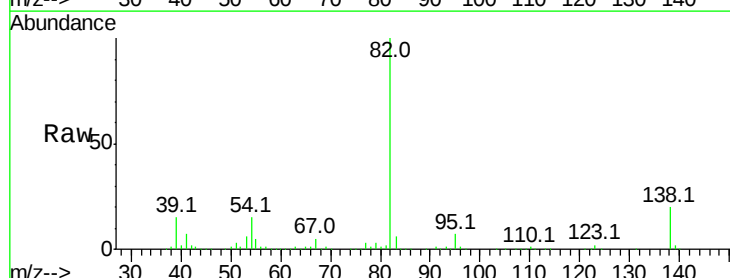
Tgt Ion: 82 Resp: 984968

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

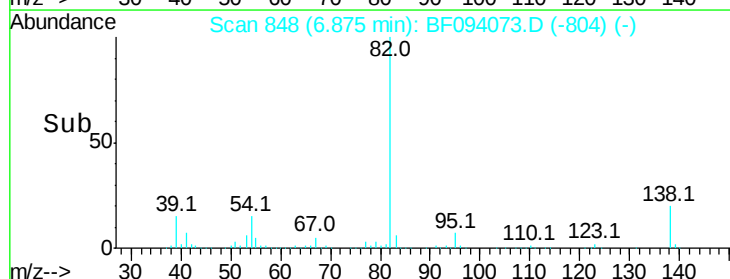
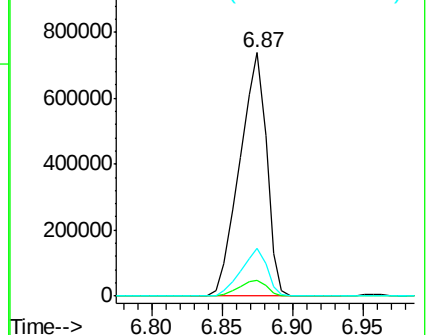
138 19.6 13.1 19.7

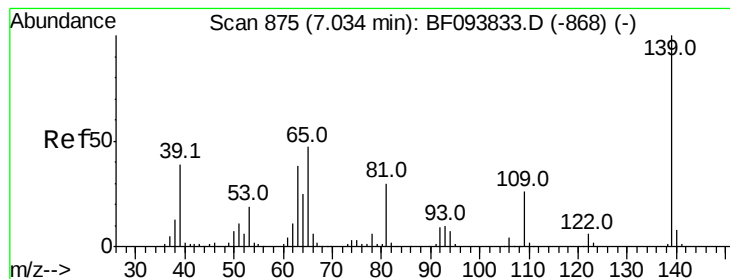


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 44.96 ng

RT: 6.96 min Scan# 863

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

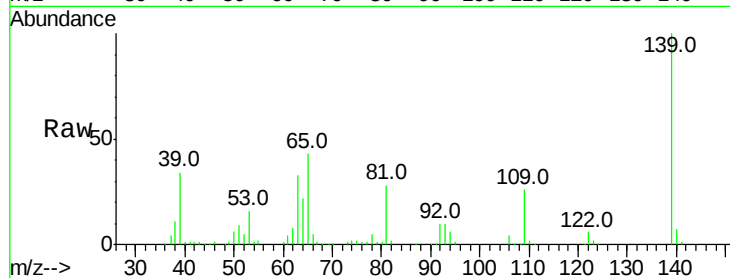
Tot Ion:139 Resp: 293486

Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.6

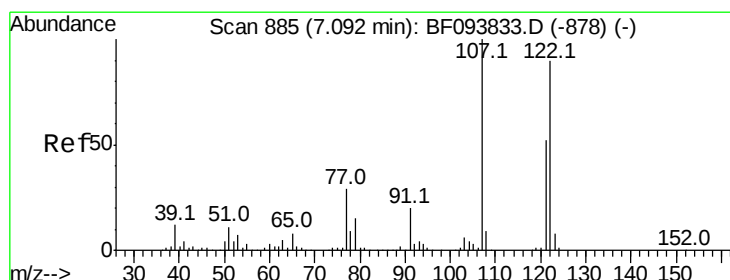
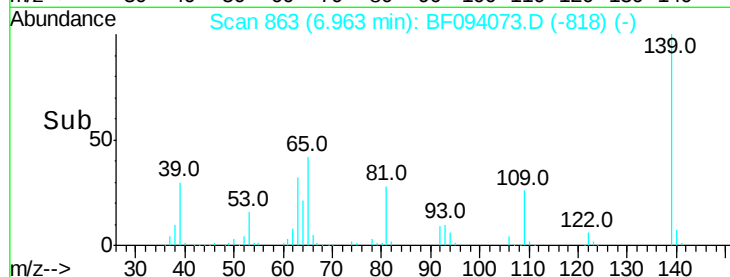
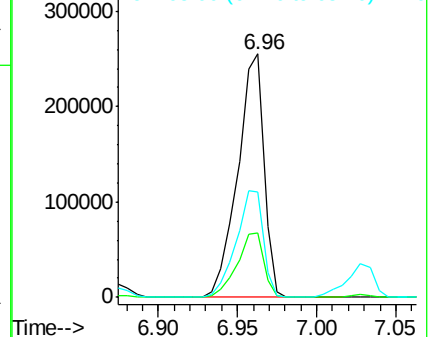
65 43.0 33.0 49.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 42.34 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

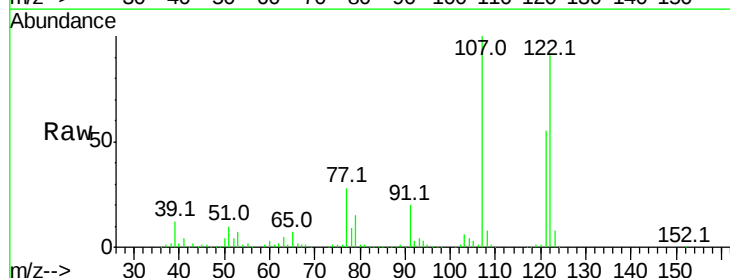
Tgt Ion:122 Resp: 476226

Ion Ratio Lower Upper

122 100

107 110.0 89.2 133.8

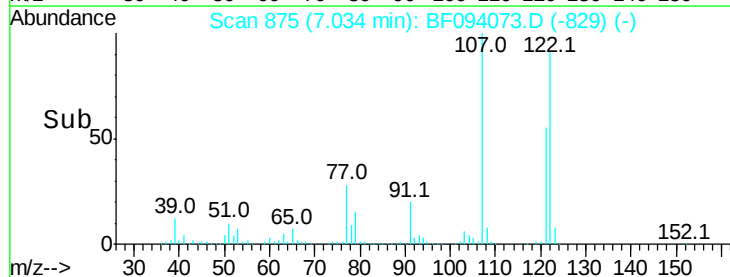
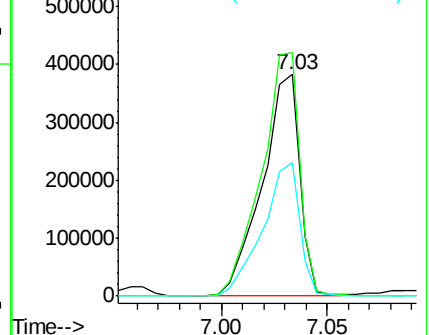
121 60.1 45.2 67.8

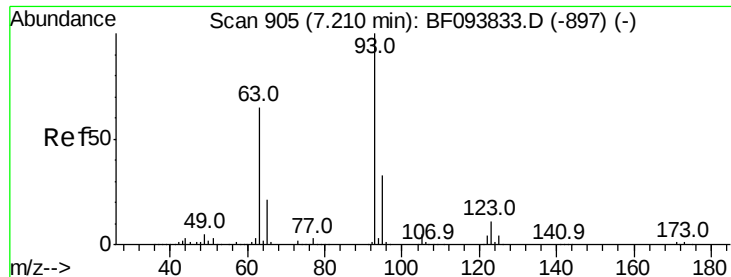


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



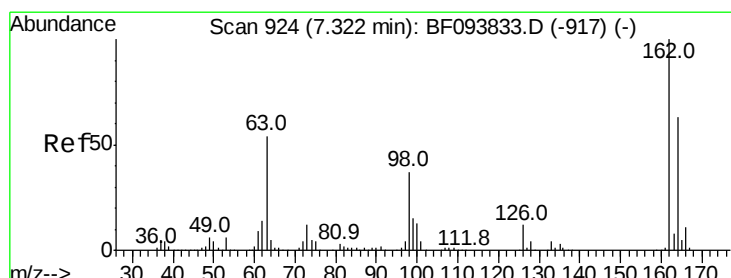
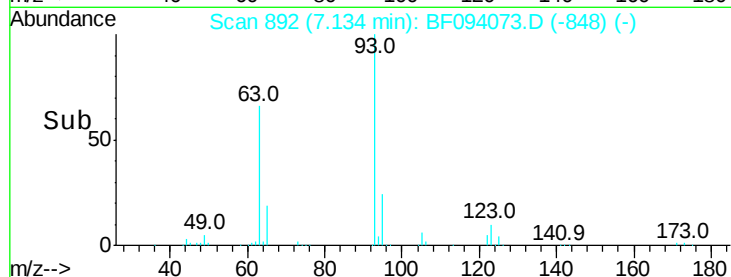
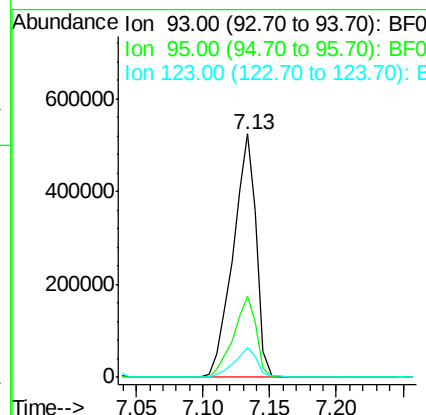
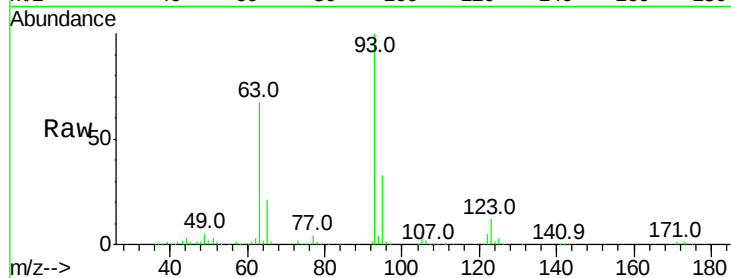


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.52 ng
 RT: 7.13 min Scan# 892
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

Tot Ion: 93 Resp: 635700

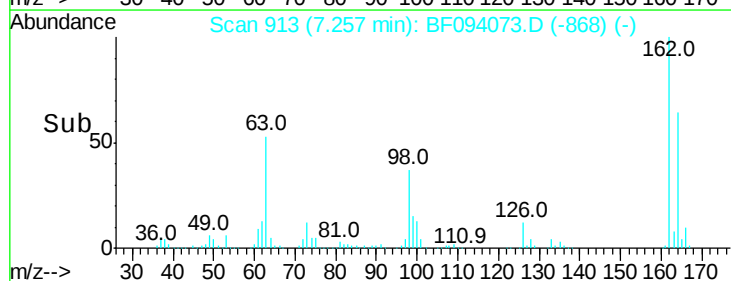
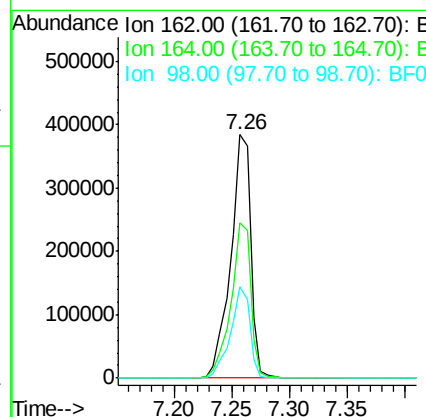
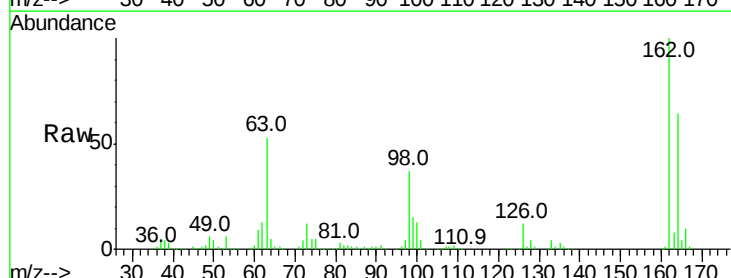
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	12.0	9.0	13.4

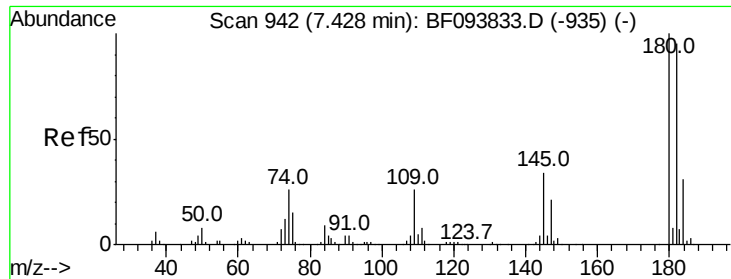


#29
 2,4-Dichlorophenol
 Concen: 44.08 ng
 RT: 7.26 min Scan# 913
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion: 162 Resp: 463556

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	37.5	14.8	54.8

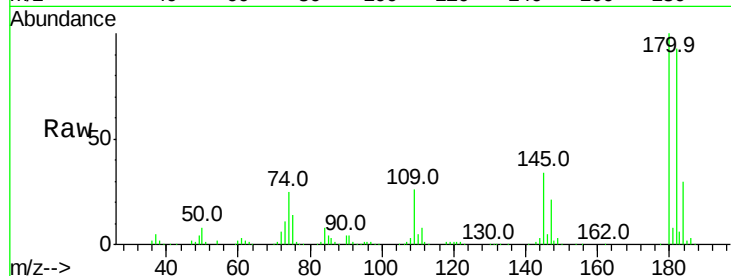




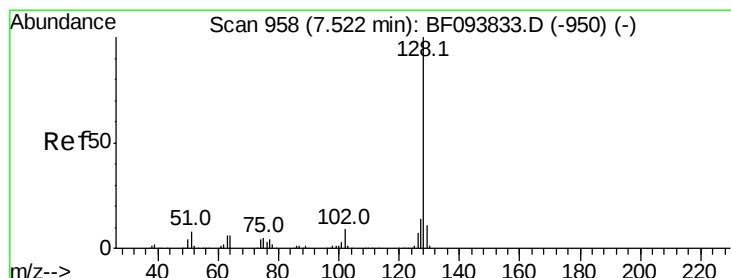
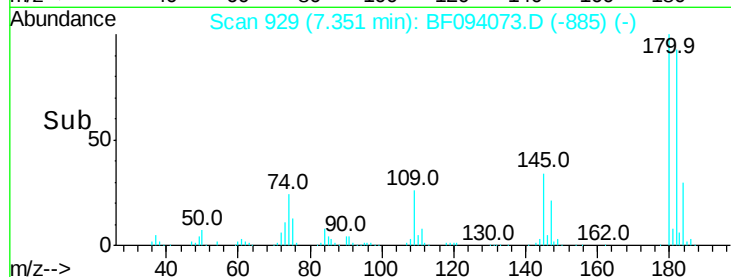
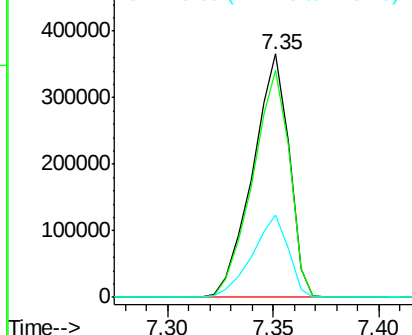
#30
 1,2,4-Trichlorobenzene
 Concen: 40.45 ng
 RT: 7.35 min Scan# 929
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

Tot Ion:180 Resp: 438203
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.8 113.6
 145 33.8 25.3 37.9

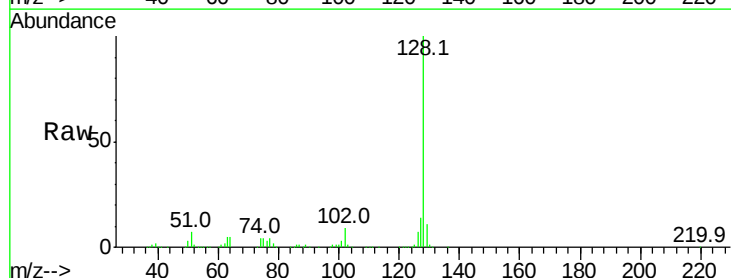


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

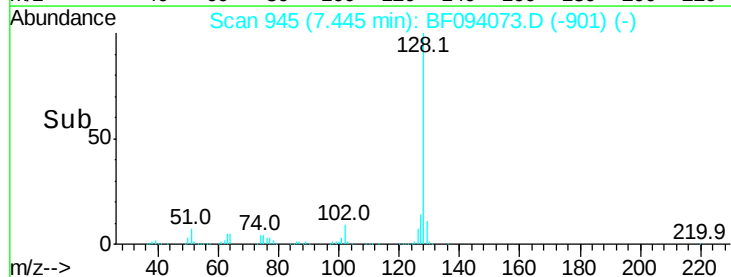
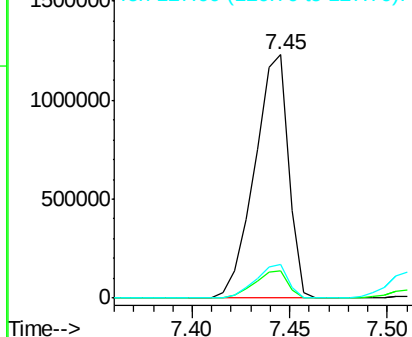


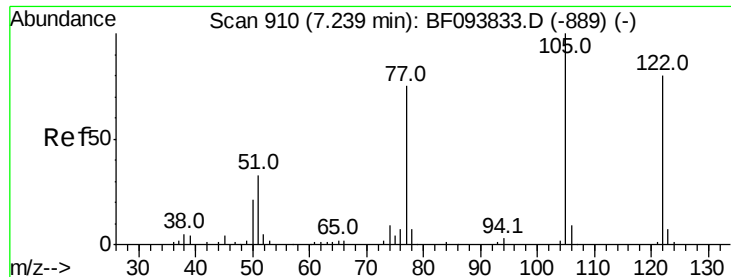
#31
 Naphthalene
 Concen: 38.74 ng
 RT: 7.45 min Scan# 945
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:128 Resp: 1475589
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.6
 127 13.7 10.8 16.2



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: 14.84 ng

RT: 7.15 min Scan# 895

Delta R.T. -0.06 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

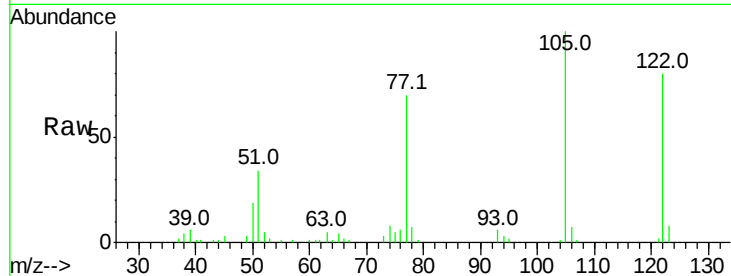
Tot Ion:122 Resp: 111106

Ion Ratio Lower Upper

122 100

105 124.3 103.3 143.3

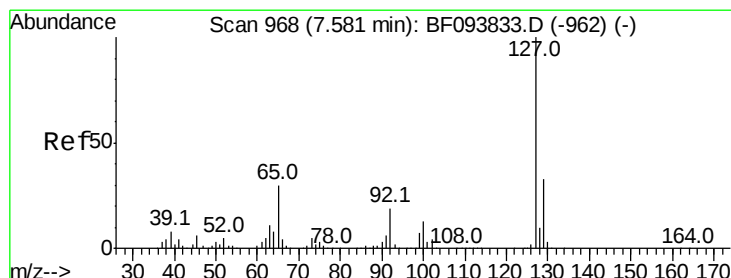
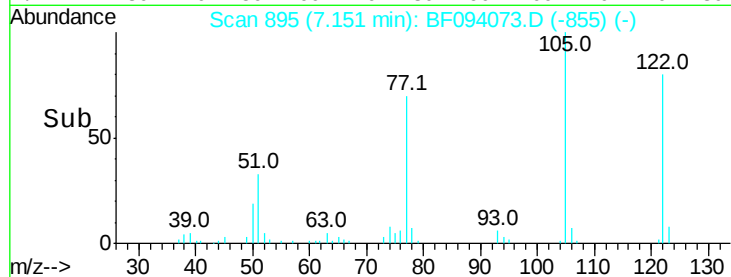
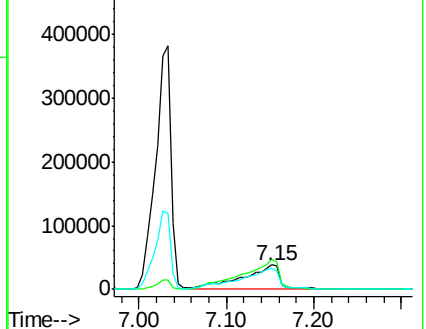
77 87.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 10.73 ng

RT: 7.51 min Scan# 956

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Tgt Ion:127 Resp: 165626

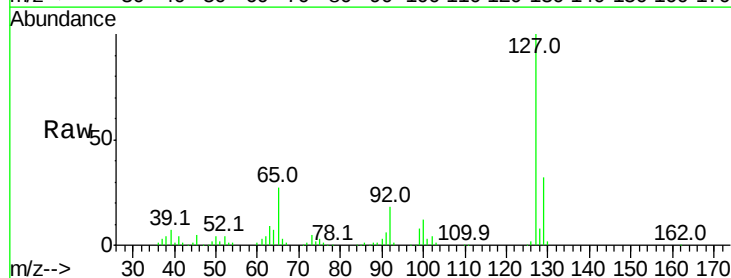
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.2

65 26.8 27.8 41.8#

92 17.9 16.8 25.2

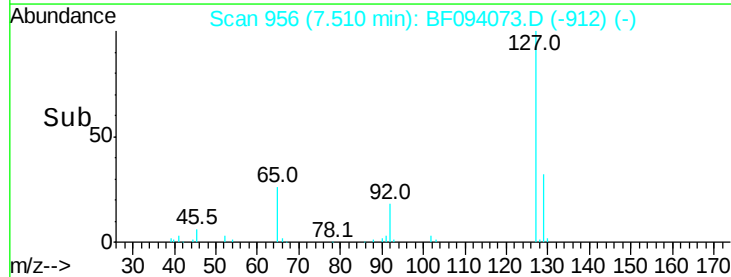
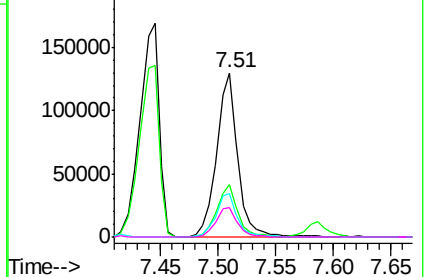


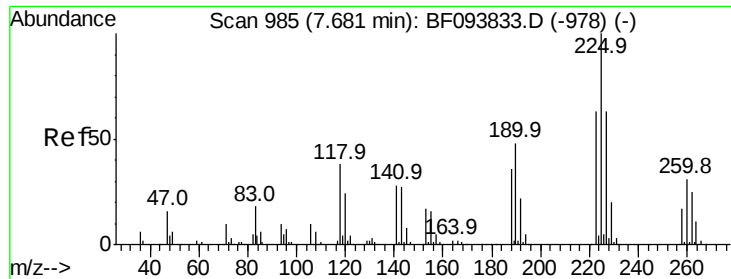
Abundance Ion 127.00 (126.70 to 127.70): E

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

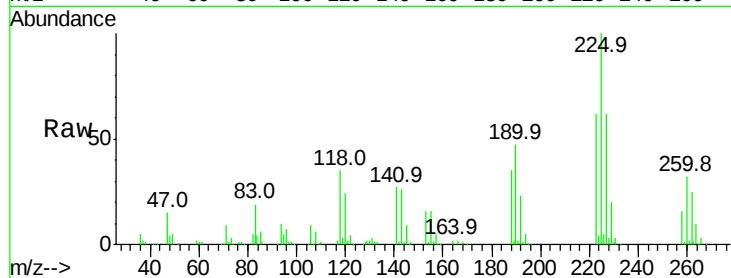




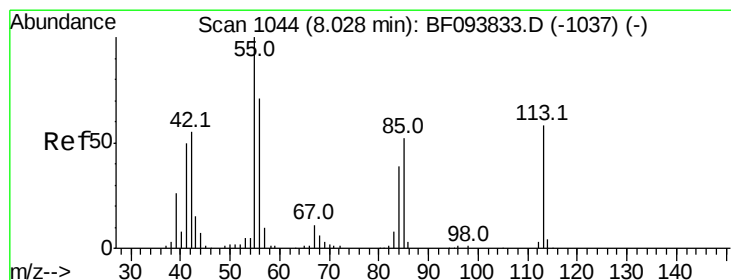
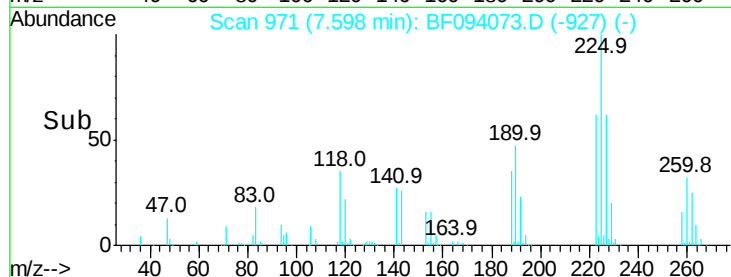
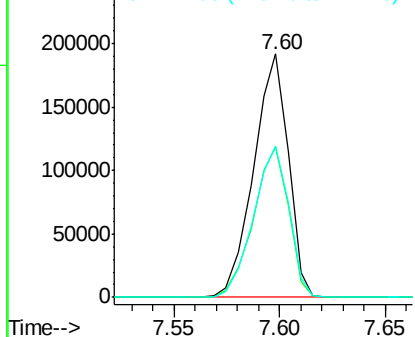
#34
Hexachlorobutadiene
Concen: 39.35 ng
RT: 7.60 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

Tot Ion:225 Resp: 218623
Ion Ratio Lower Upper
225 100
223 61.7 48.8 73.2
227 62.2 51.1 76.7

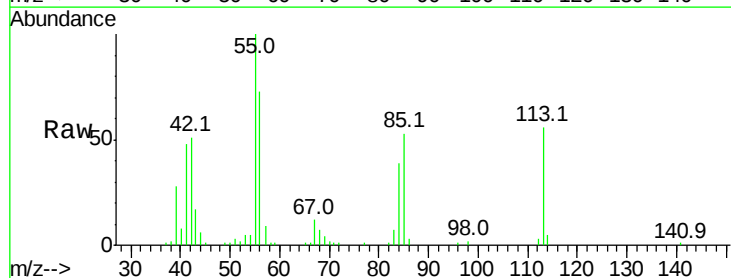


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

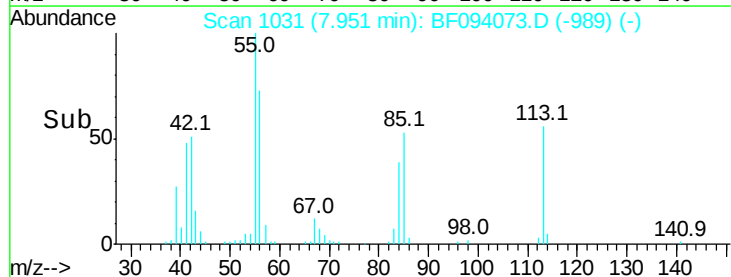
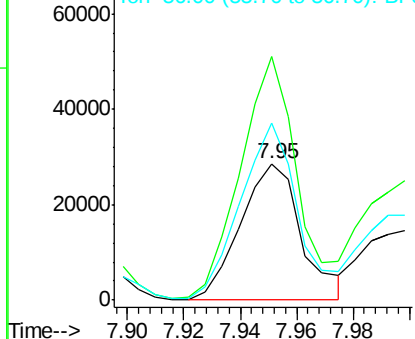


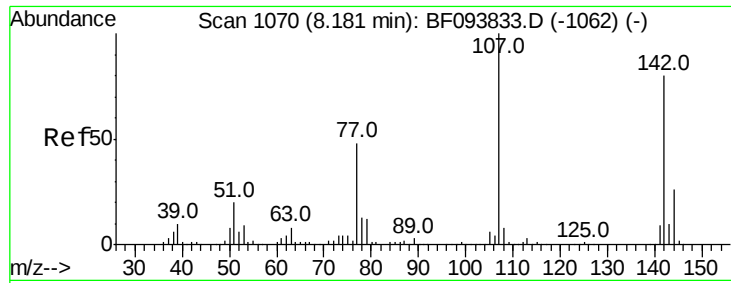
#35
Caprolactam
Concen: 12.77 ng
RT: 7.95 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion:113 Resp: 42830
Ion Ratio Lower Upper
113 100
55 178.8 150.2 190.2
56 129.8 107.8 147.8



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

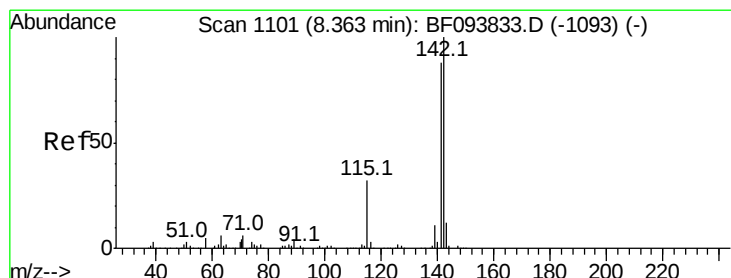
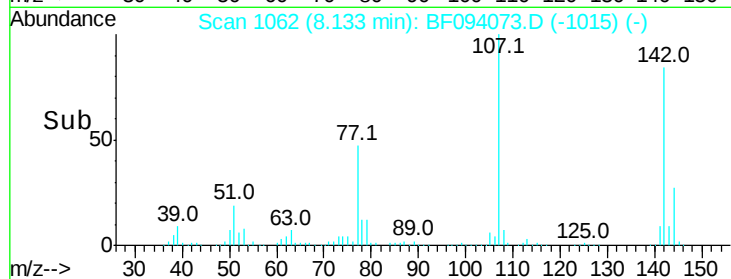
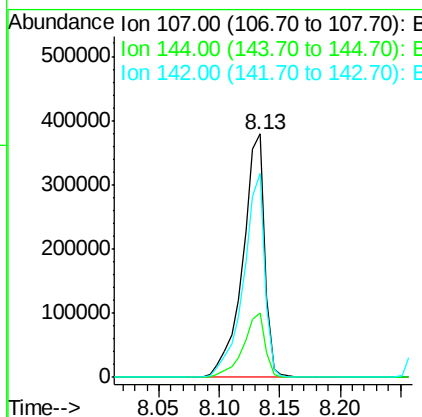
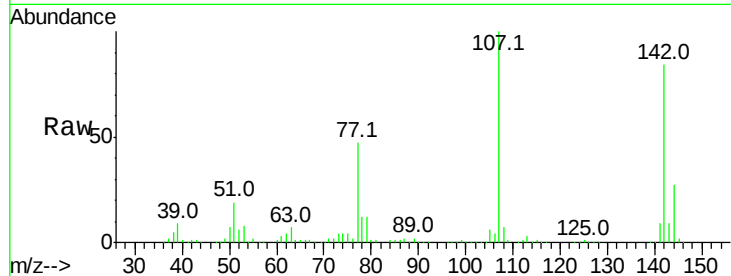




#36
 4-Chloro-3-methylphenol
 Concen: 43.75 ng
 RT: 8.13 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

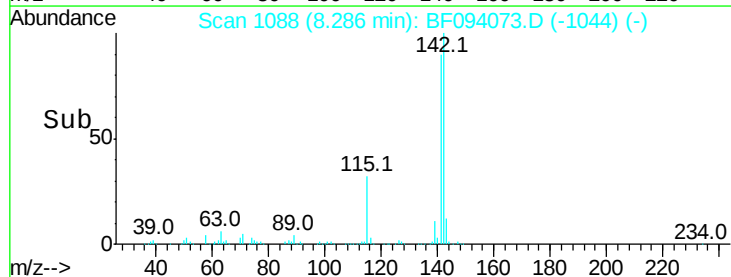
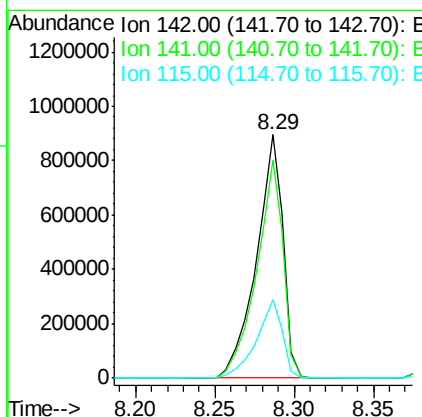
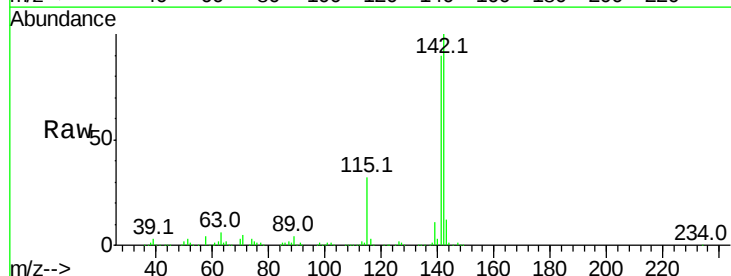
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

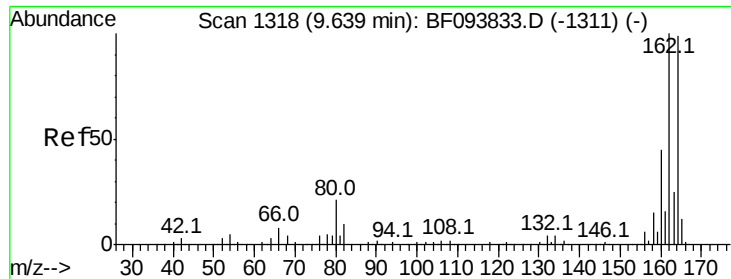
Tot Ion:107 Resp: 480807
 Ion Ratio Lower Upper
 107 100
 144 26.5 24.2 36.4
 142 83.8 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 41.22 ng
 RT: 8.29 min Scan# 1088
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:142 Resp: 1046520
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.3 106.9
 115 32.5 27.1 40.7

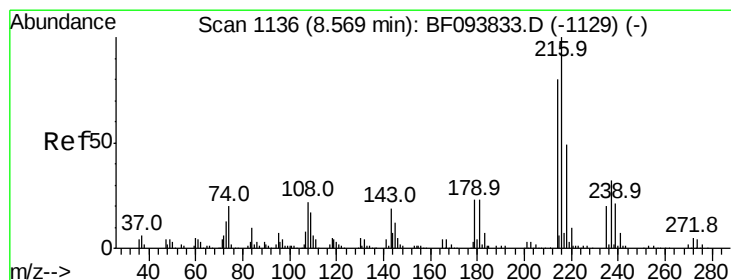
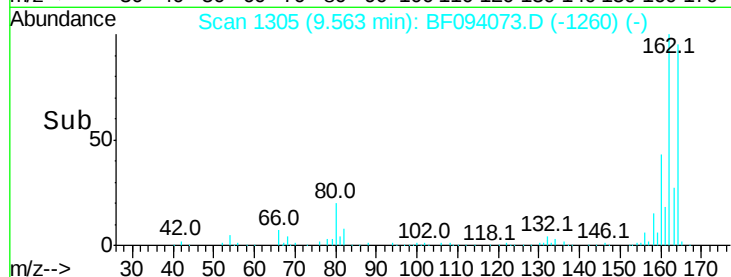
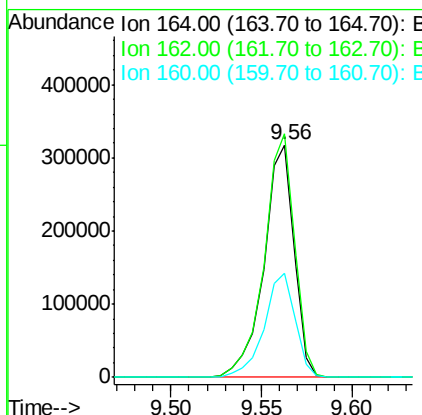
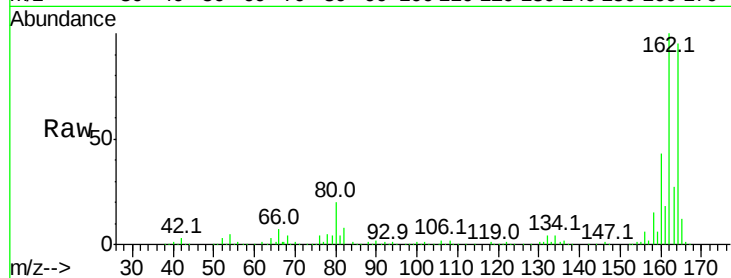




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

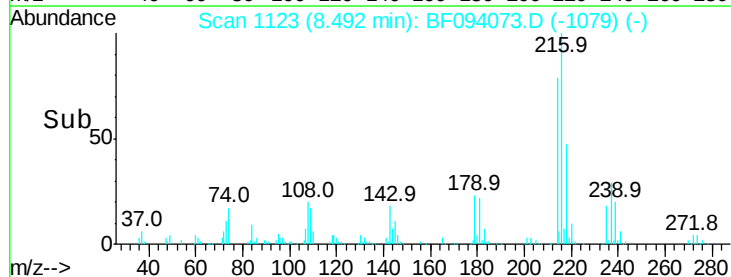
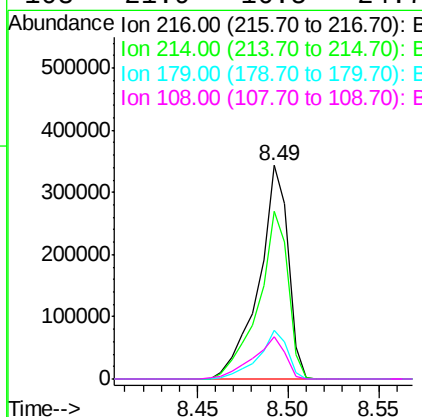
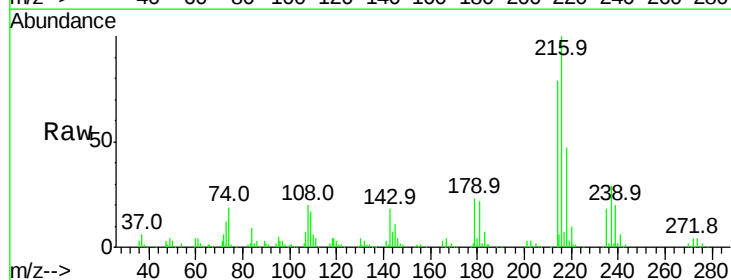
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

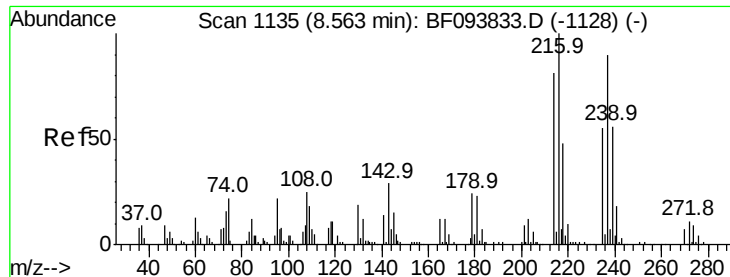
Tot Ion:164 Resp: 368325
Ion Ratio Lower Upper
164 100
162 104.8 82.6 123.8
160 44.8 36.2 54.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.38 ng
RT: 8.49 min Scan# 1123
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion:216 Resp: 386688
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.2
179 22.5 17.9 26.9
108 21.9 16.5 24.7

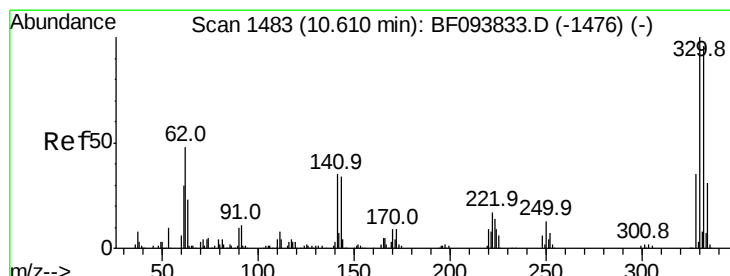
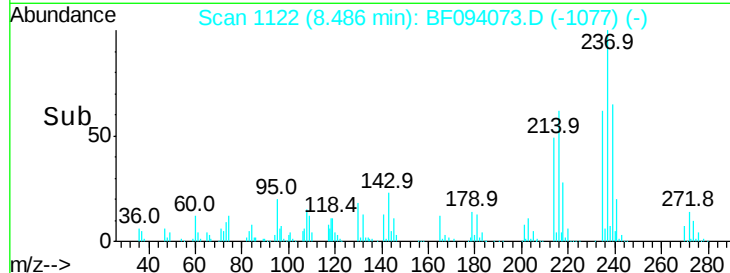
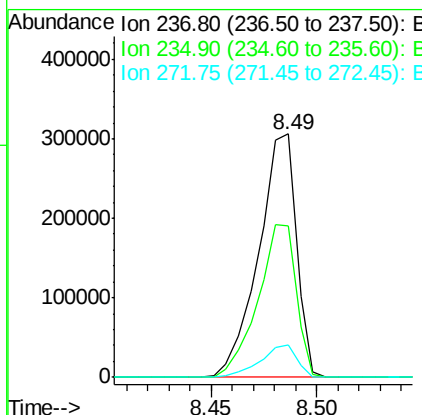
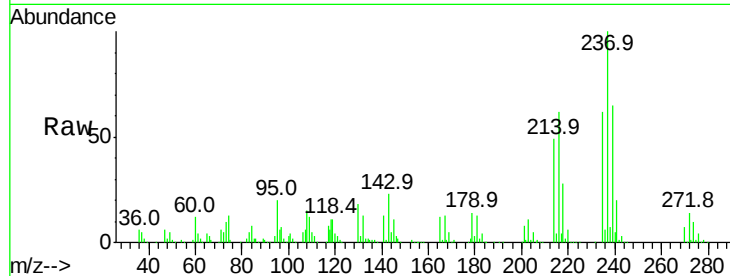




#40
 Hexachlorocyclopentadiene
 Concen: 80.94 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

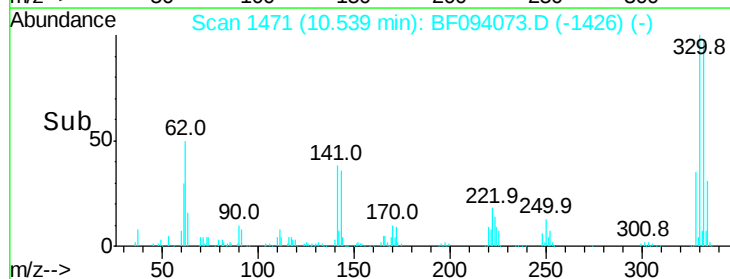
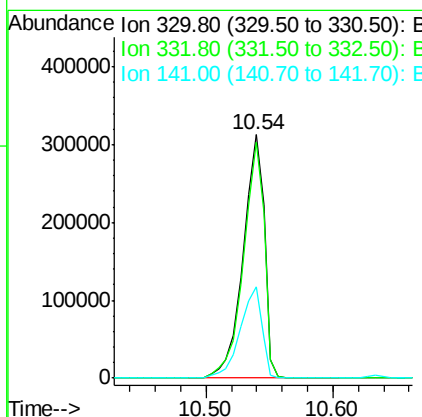
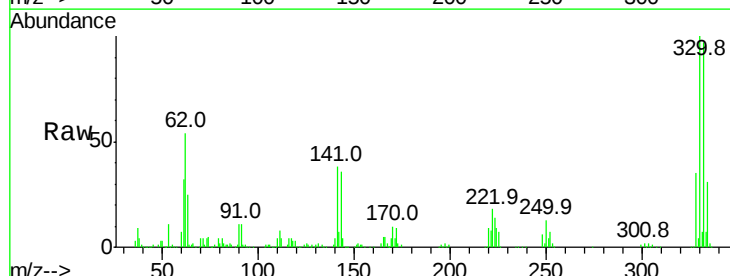
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

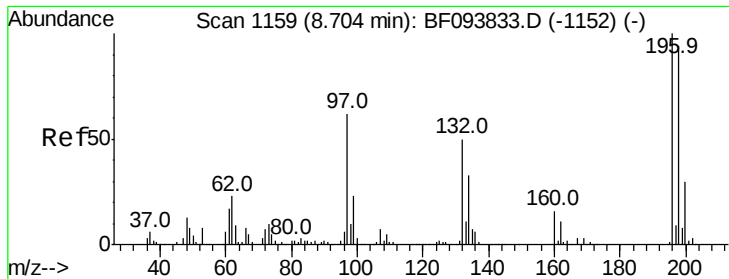
Tot Ion:	237	Resp:	381652
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.6	82.6
272	13.5	0.0	31.9



#41
 2,4,6-Tribromophenol
 Concen: 125.09 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:	330	Resp:	364085
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.6	115.0
141	38.5	31.4	47.2

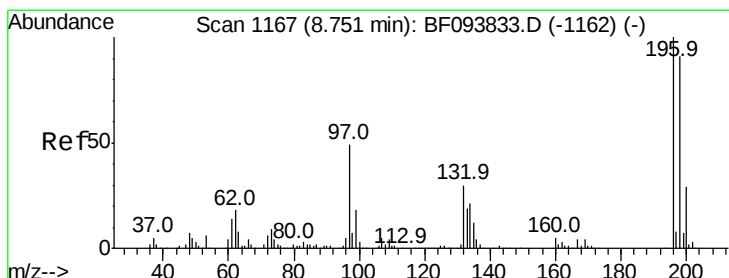
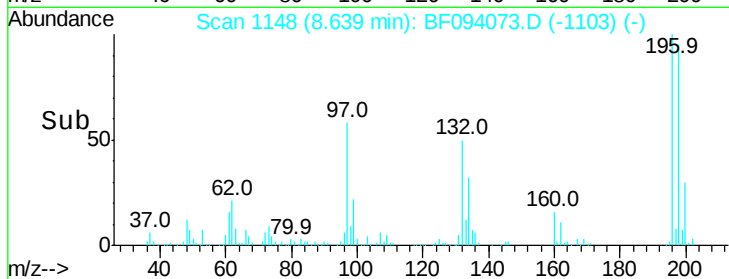
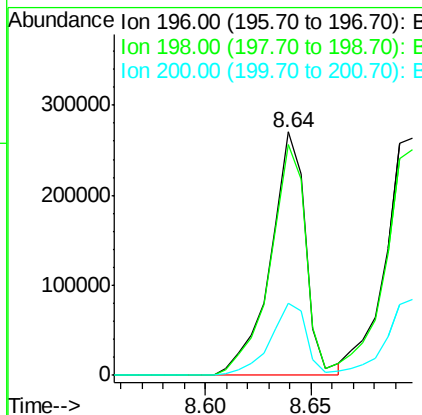
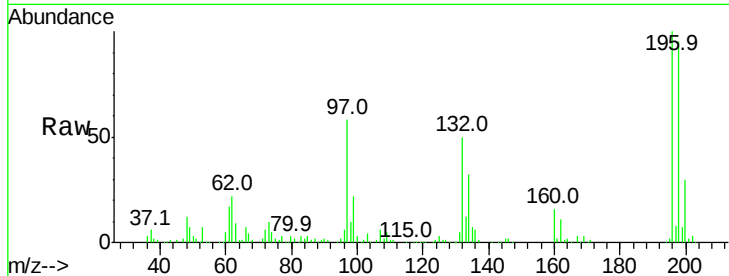




#42
 2,4,6-Trichlorophenol
 Concen: 44.16 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

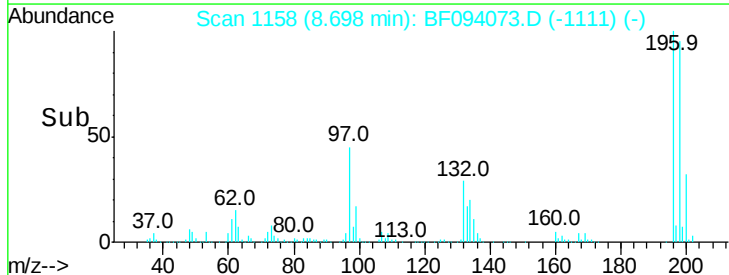
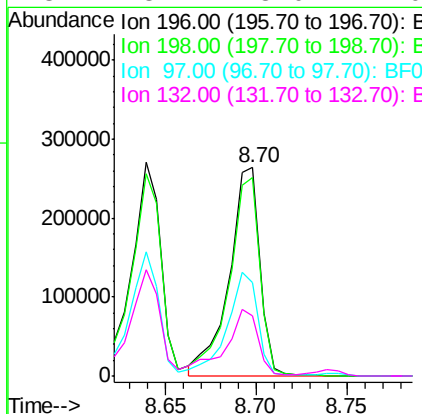
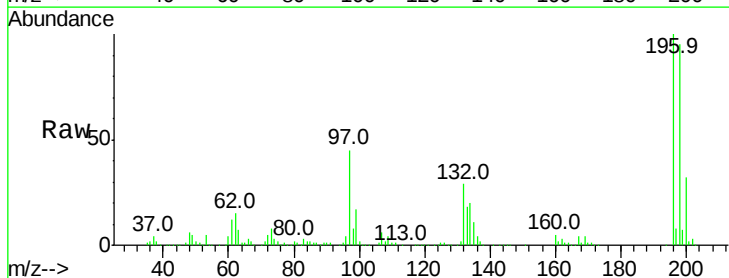
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

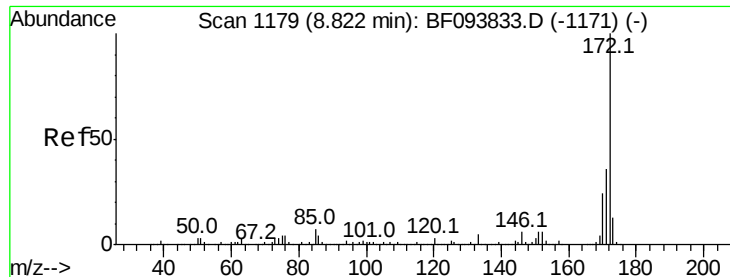
Tot Ion:196 Resp: 314793
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.2 111.4
 200 29.7 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 40.59 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:196 Resp: 313074
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 97 44.7 47.7 71.5#
 132 28.7 28.0 42.0

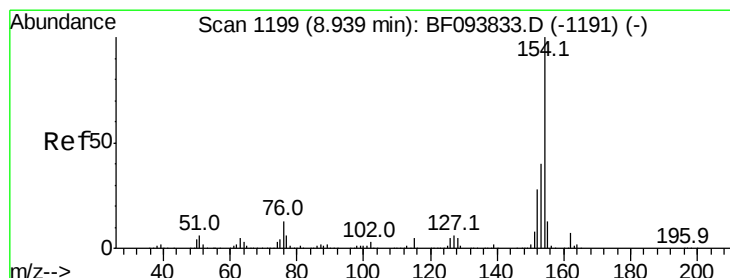
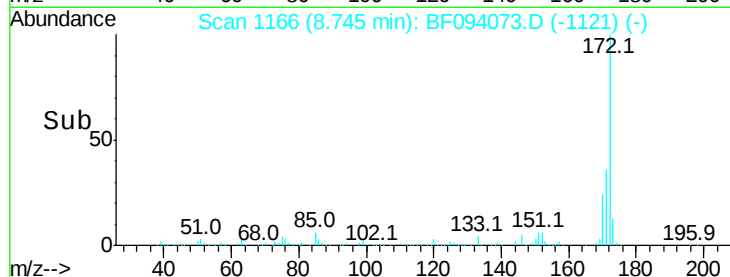
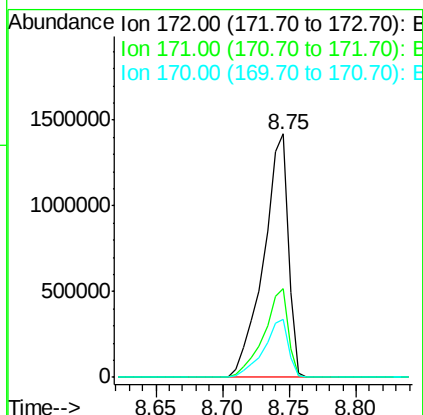
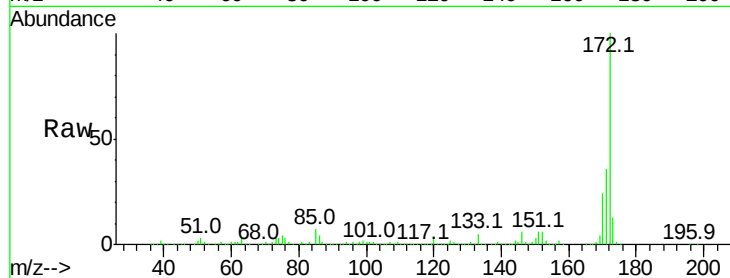




#44
2-Fluorobiphenyl
Concen: 75.55 ng
RT: 8.75 min Scan# 1166
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

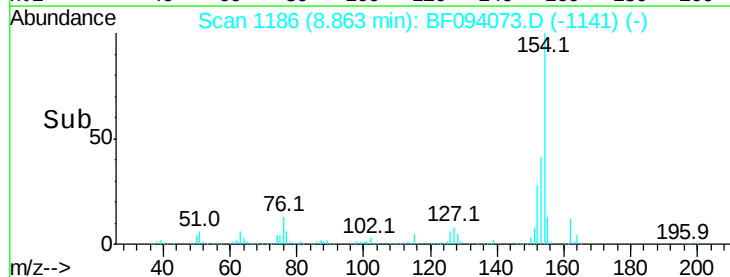
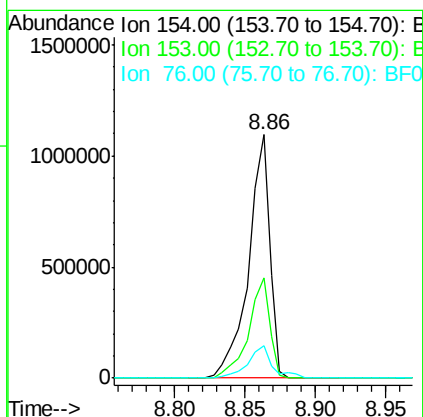
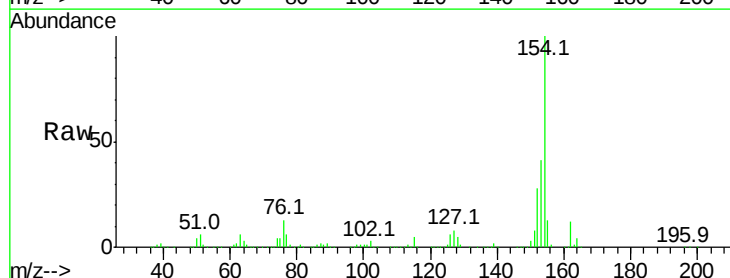
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

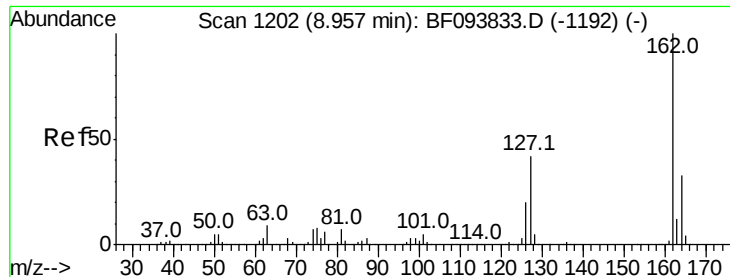
Tot Ion:172 Resp: 1824310
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.1 19.8 29.8



#45
1,1'-Biphenyl
Concen: 39.04 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion:154 Resp: 1159867
Ion Ratio Lower Upper
154 100
153 41.4 21.2 61.2
76 13.1 0.0 29.9

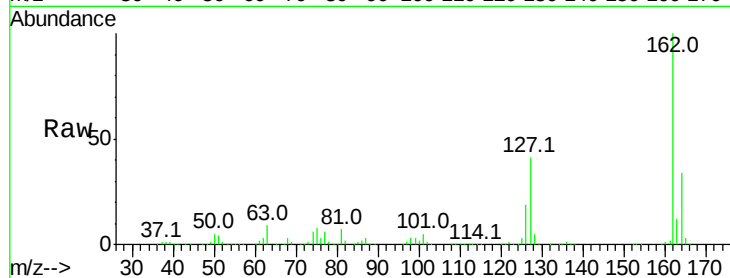




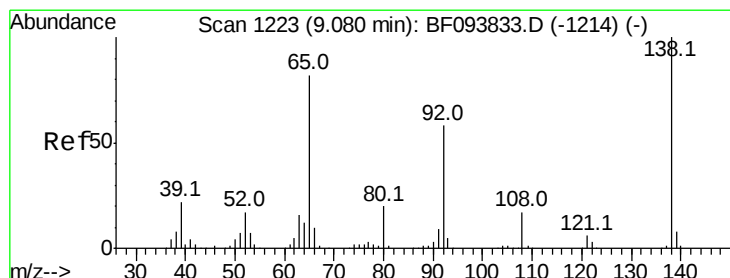
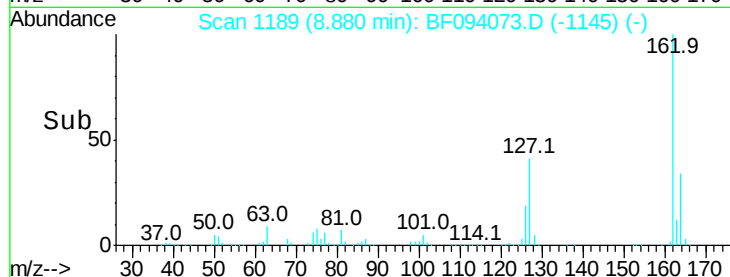
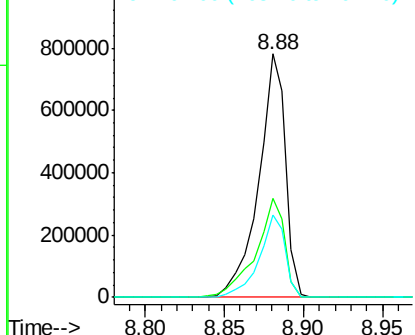
#46
 2-Chloronaphthalene
 Concen: 39.57 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

Tot Ion:162 Resp: 920271
 Ion Ratio Lower Upper
 162 100
 127 40.9 28.3 42.5
 164 33.7 27.0 40.4

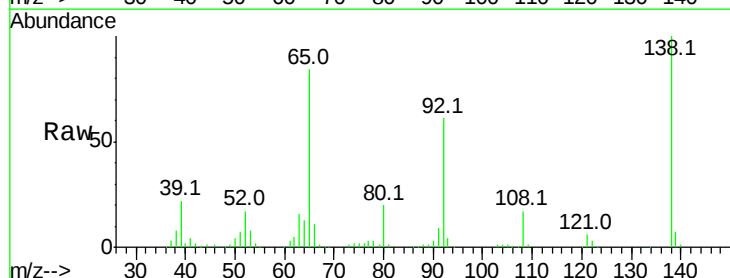


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

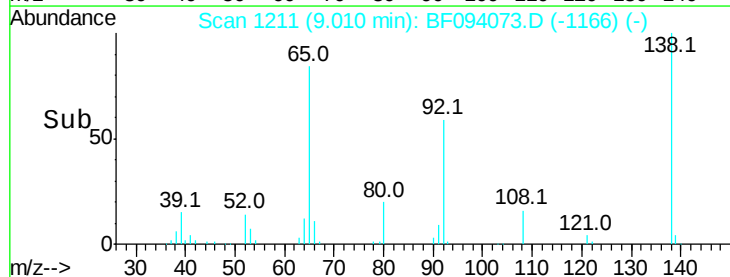
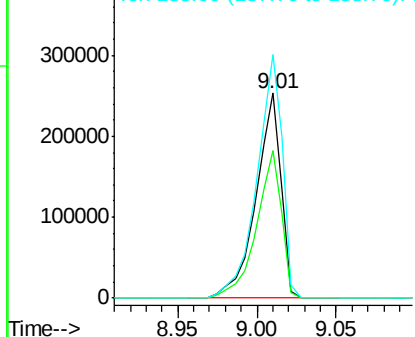


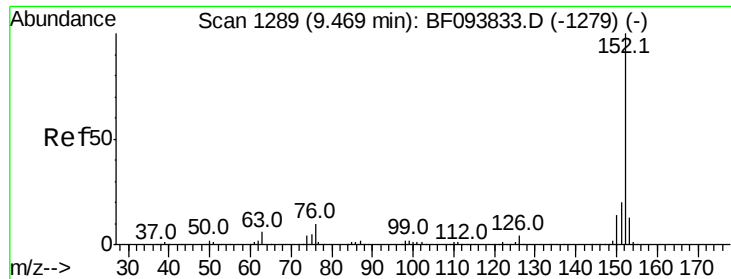
#47
 2-Nitroaniline
 Concen: 40.38 ng
 RT: 9.01 min Scan# 1211
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion: 65 Resp: 278604
 Ion Ratio Lower Upper
 65 100
 92 72.1 53.9 80.9
 138 118.9 78.8 118.2#



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: 37.65 ng

RT: 9.39 min Scan# 1276

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

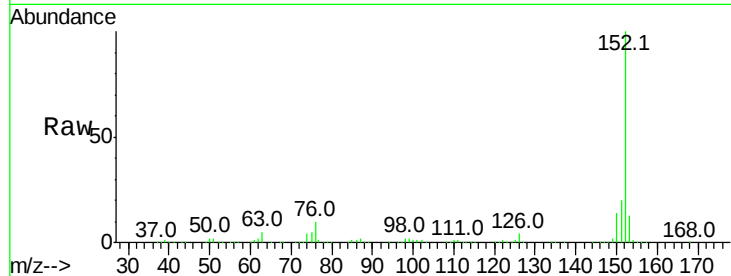
Tot Ion:152 Resp: 1455103

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

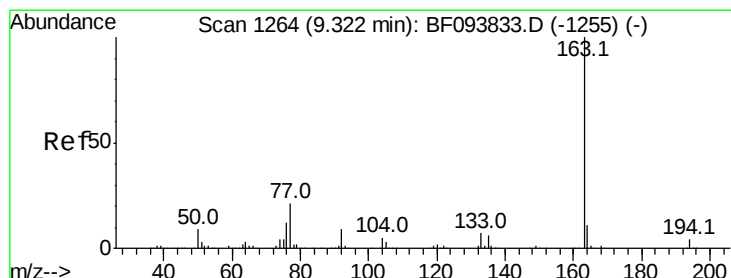
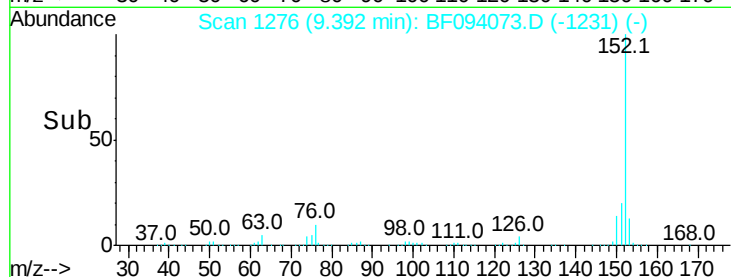
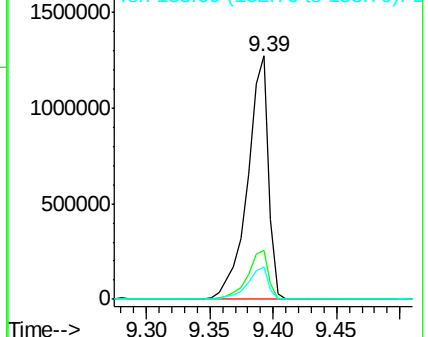
153 13.1 10.8 16.2



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: 46.48 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

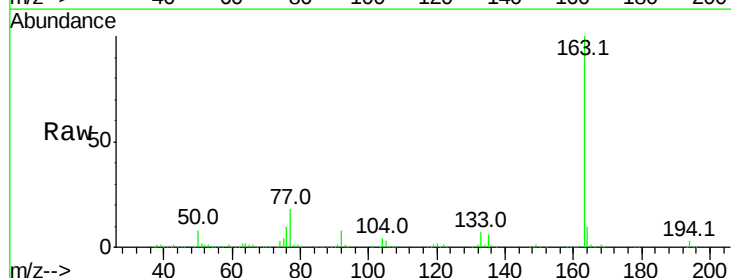
Tgt Ion:163 Resp: 1216816

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

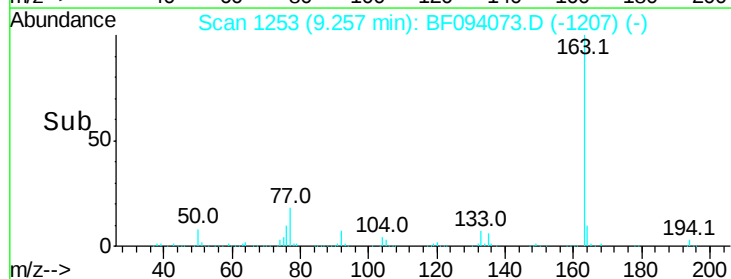
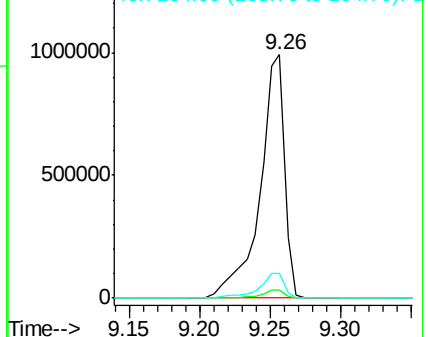
164 9.9 8.4 12.6

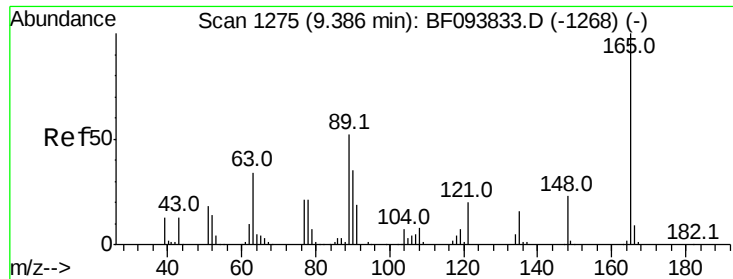


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

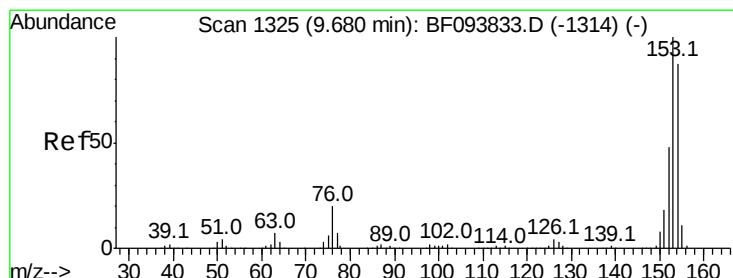
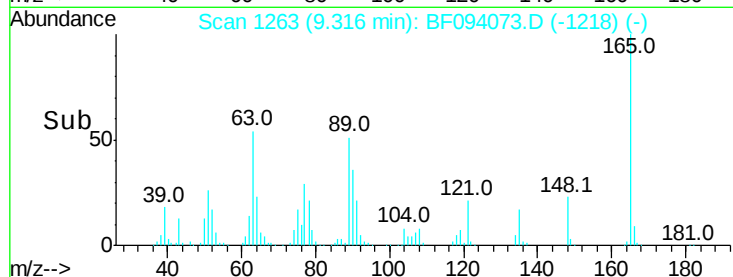
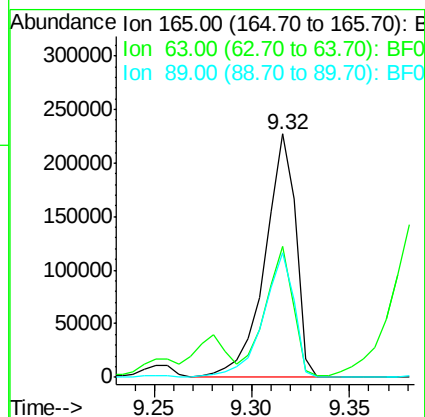
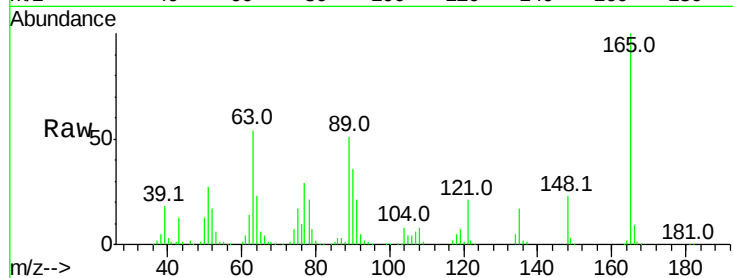




#50
 2,6-Dinitrotoluene
 Concen: 41.53 ng
 RT: 9.32 min Scan# 1263
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

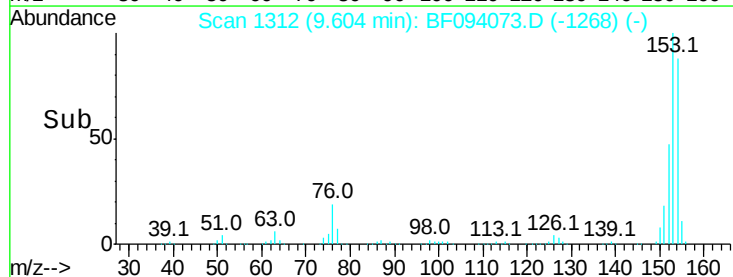
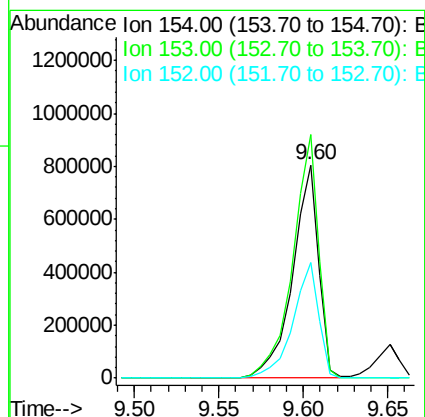
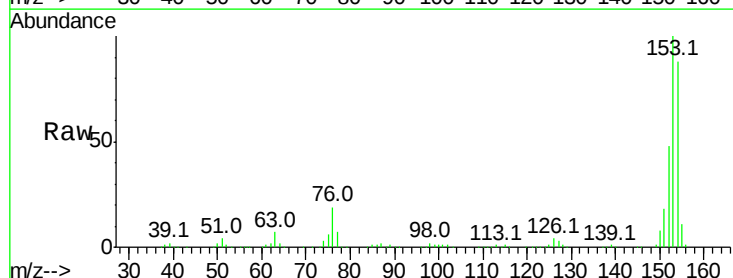
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

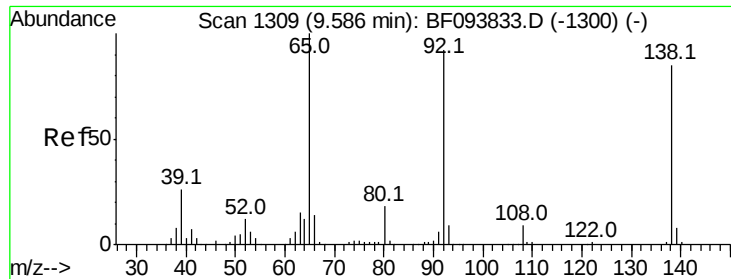
Tot Ion:165 Resp: 249286
 Ion Ratio Lower Upper
 165 100
 63 54.0 34.3 51.5#
 89 51.1 37.1 55.7



#51
 Acenaphthene
 Concen: 38.24 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:154 Resp: 862519
 Ion Ratio Lower Upper
 154 100
 153 114.2 90.5 135.7
 152 54.3 43.6 65.4

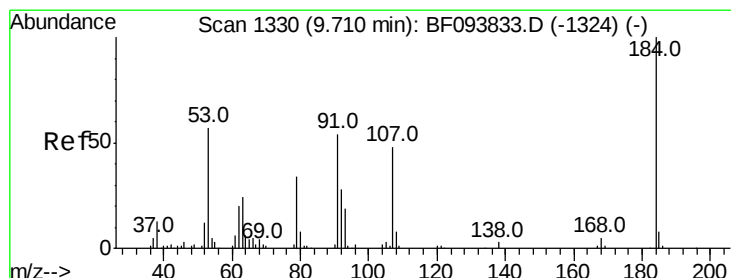
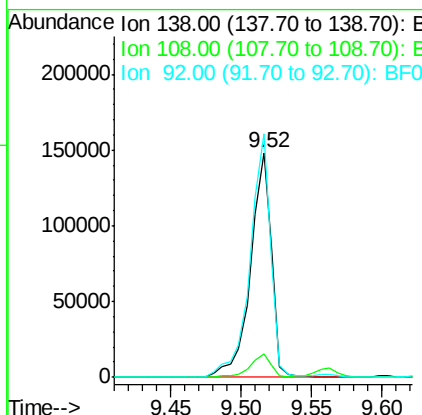
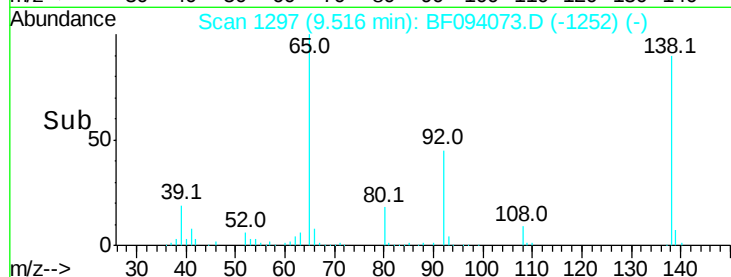
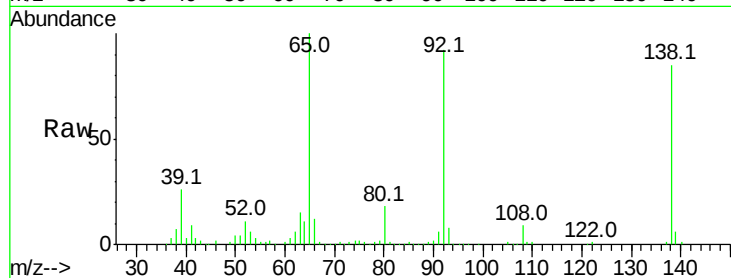




#52
 3-Nitroaniline
 Concen: 21.90 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

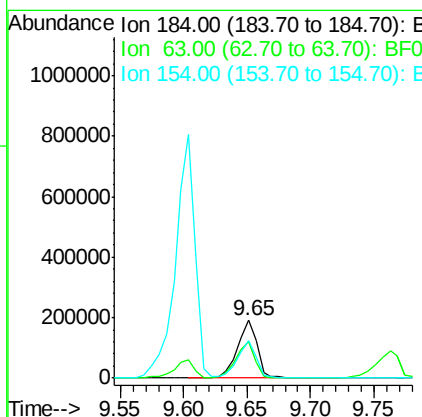
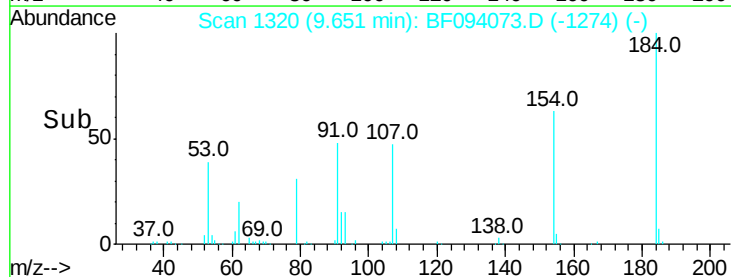
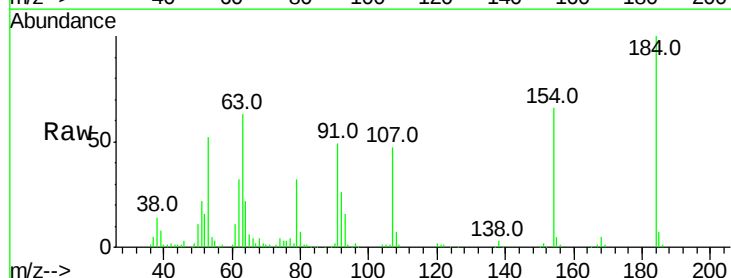
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

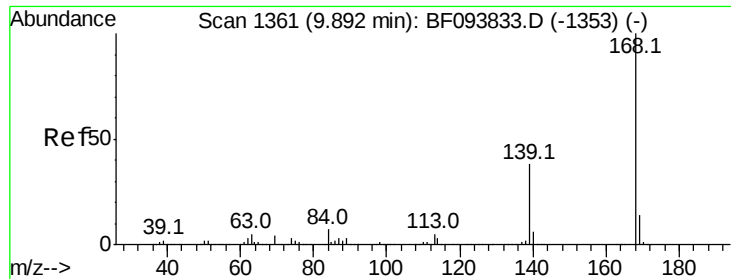
Tot Ion:138 Resp: 154334
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.1 13.7
 92 108.2 93.8 140.6



#53
 2,4-Dinitrophenol
 Concen: 64.85 ng
 RT: 9.65 min Scan# 1320
 Delta R.T. -0.03 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:184 Resp: 205265
 Ion Ratio Lower Upper
 184 100
 63 63.4 62.7 94.1
 154 65.7 81.1 121.7#

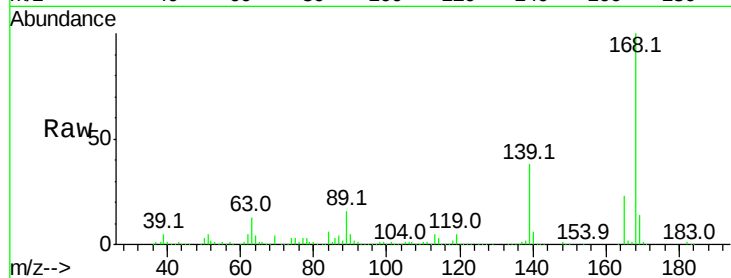




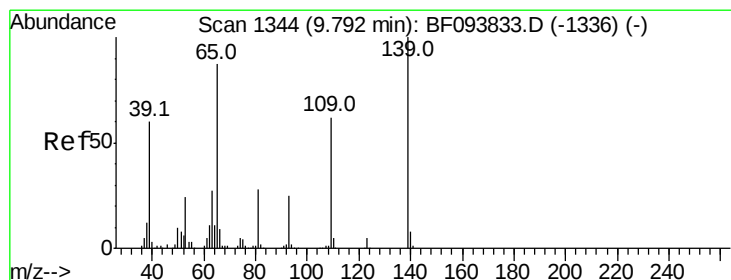
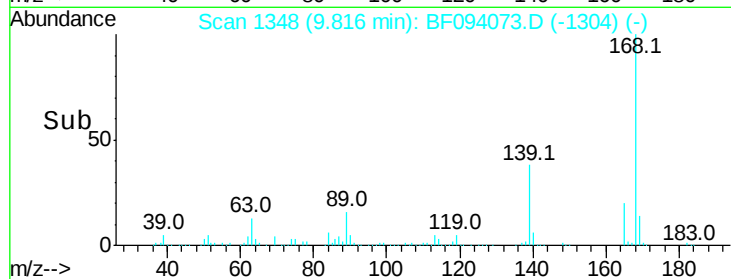
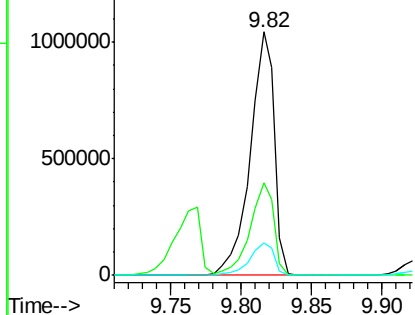
#54
Dibenzofuran
Concen: 40.76 ng
RT: 9.82 min Scan# 1348
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

Tot Ion:168 Resp: 1251339
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8
169 13.6 10.8 16.2

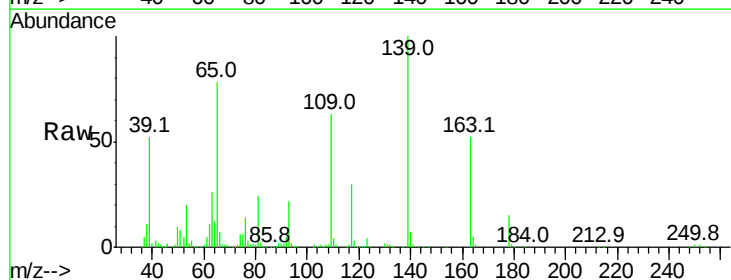


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

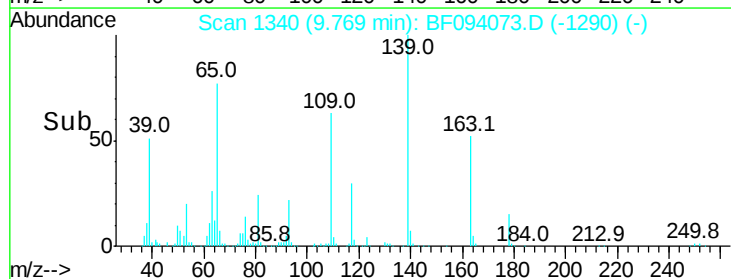
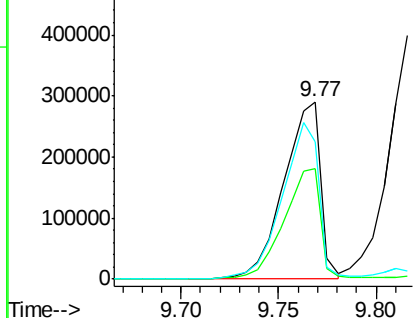


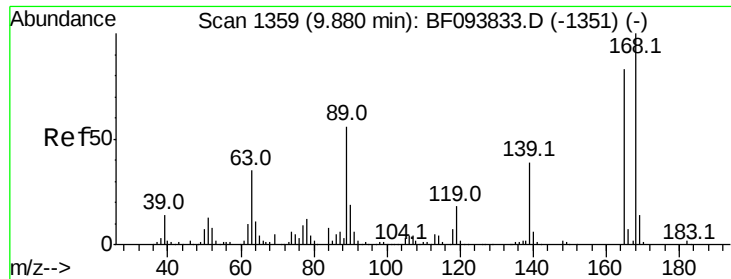
#55
4-Nitrophenol
Concen: 68.41 ng
RT: 9.77 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion:139 Resp: 377551
Ion Ratio Lower Upper
139 100
109 62.7 34.1 74.1
65 77.8 31.4 71.4#



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

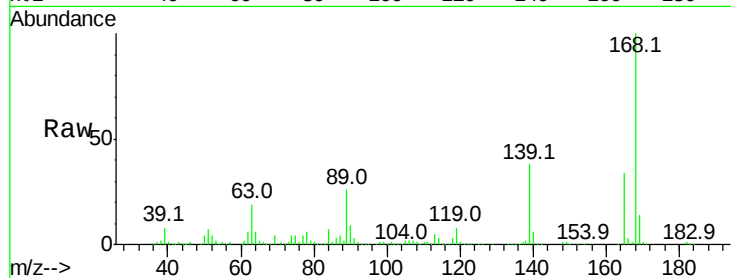




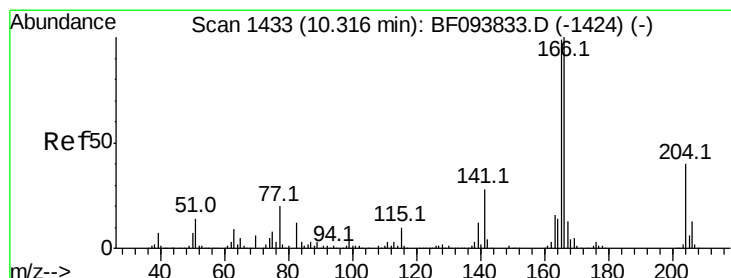
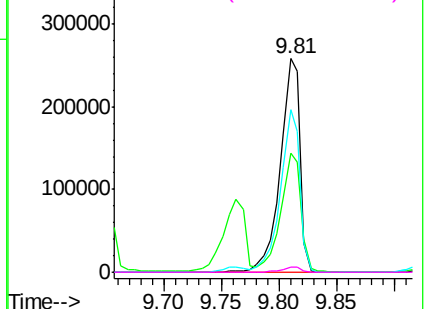
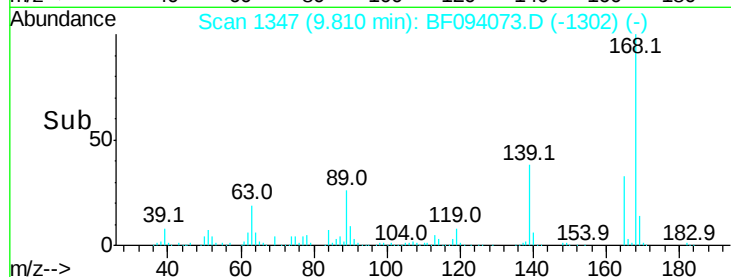
#56
 2,4-Dinitrotoluene
 Concen: 40.53 ng
 RT: 9.81 min Scan# 1347
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

Tot Ion:165 Resp: 305607
 Ion Ratio Lower Upper
 165 100
 63 56.0 25.4 38.0#
 89 76.3 46.4 69.6#
 182 2.4 1.8 2.6

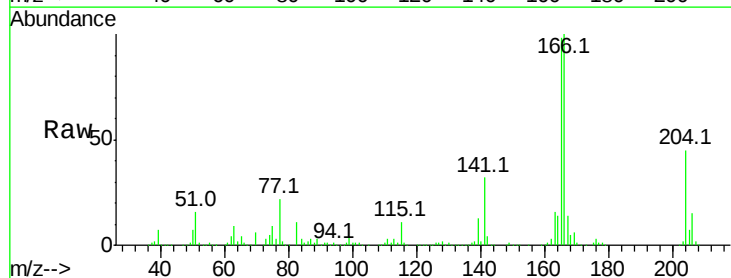


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

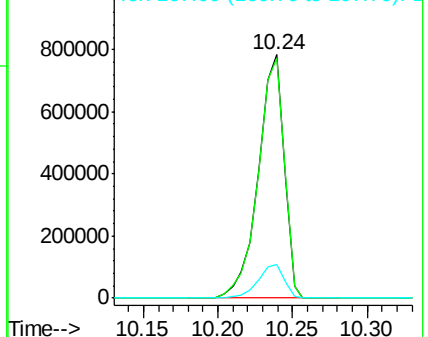
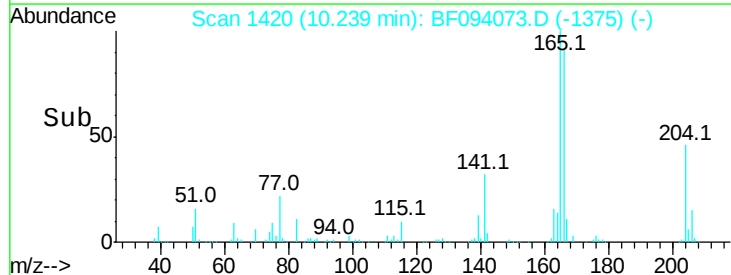


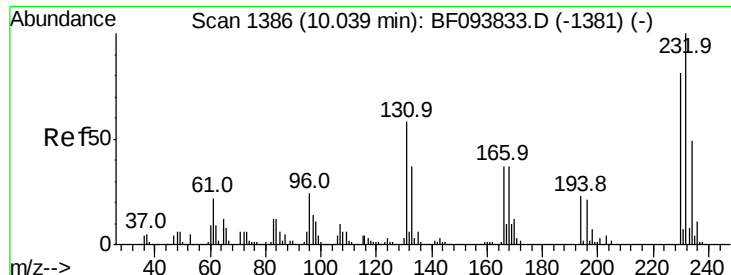
#57
 Fluorene
 Concen: 36.59 ng
 RT: 10.24 min Scan# 1420
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:166 Resp: 931640
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.8 118.2
 167 13.7 10.6 16.0



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

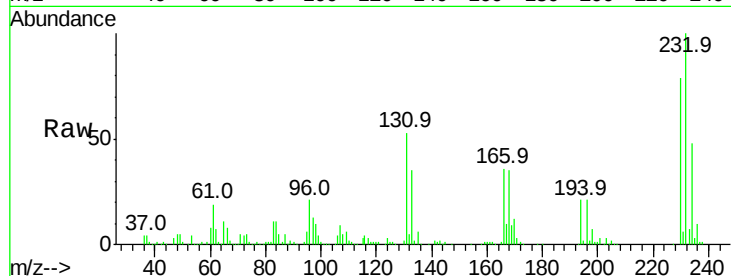




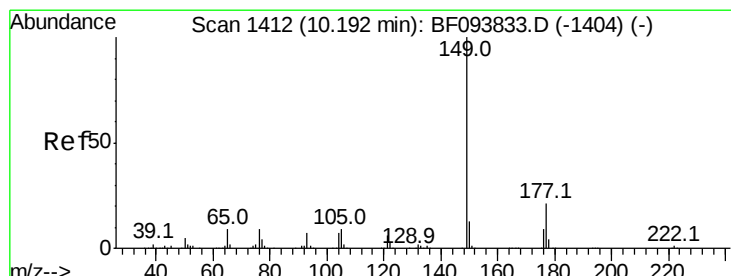
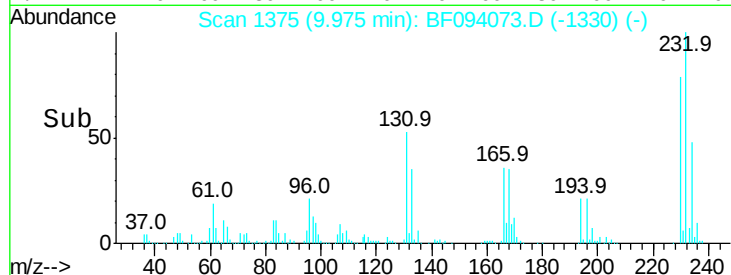
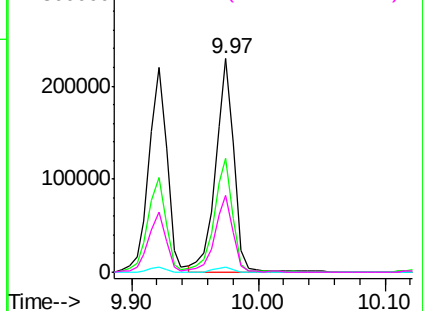
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.86 ng
 RT: 9.97 min Scan# 1375
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

Tot Ion:232 Resp: 232162
 Ion Ratio Lower Upper
 232 100
 131 53.7 44.8 67.2
 130 2.5 2.3 3.5
 166 36.7 29.0 43.4

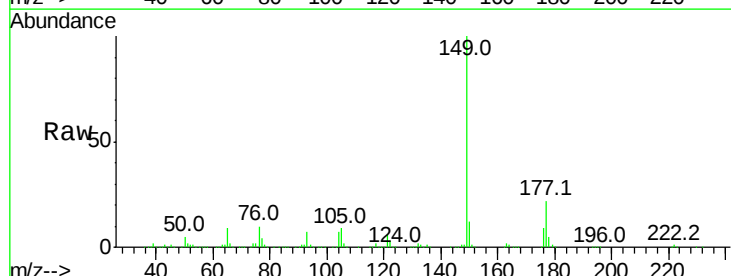


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

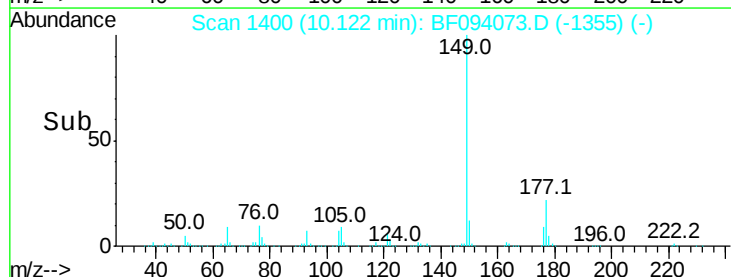
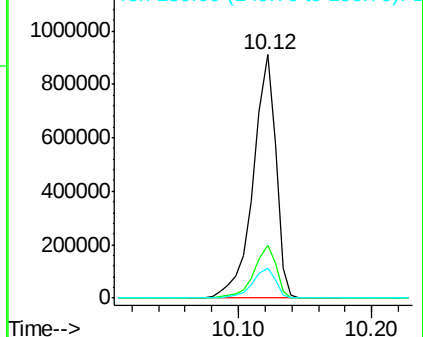


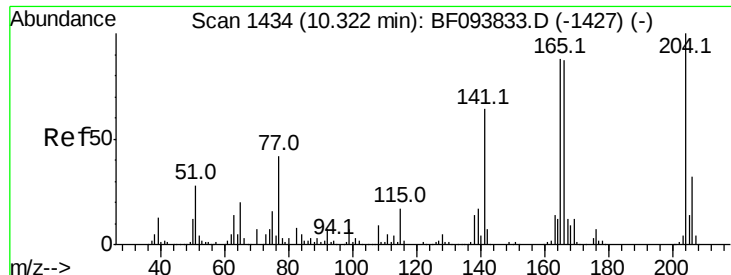
#59
 Diethylphthalate
 Concen: 40.79 ng
 RT: 10.12 min Scan# 1400
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:149 Resp: 1055429
 Ion Ratio Lower Upper
 149 100
 177 21.7 16.7 25.1
 150 12.2 10.2 15.2



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

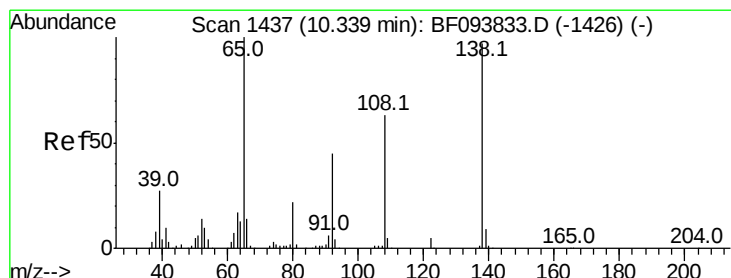
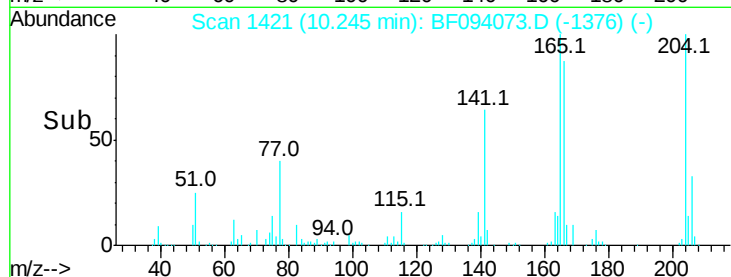
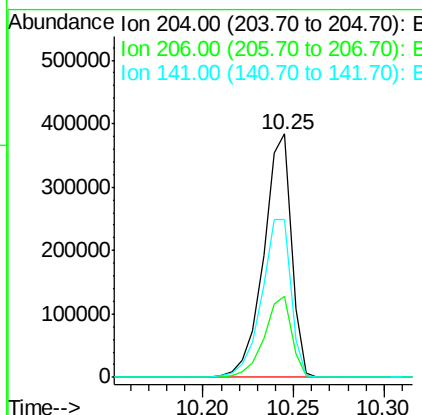
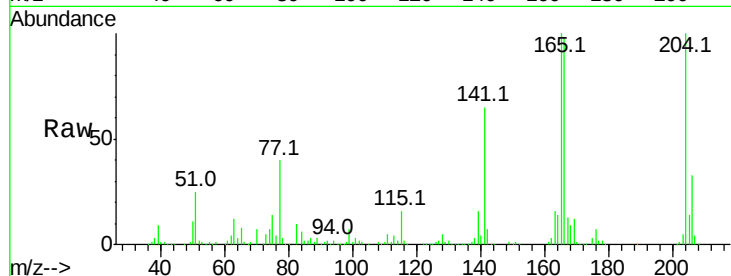




#60
 4-Chlorophenyl-phenylether
 Concen: 37.68 ng
 RT: 10.25 min Scan# 1421
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

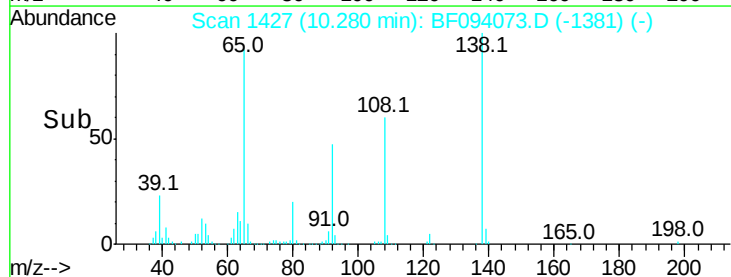
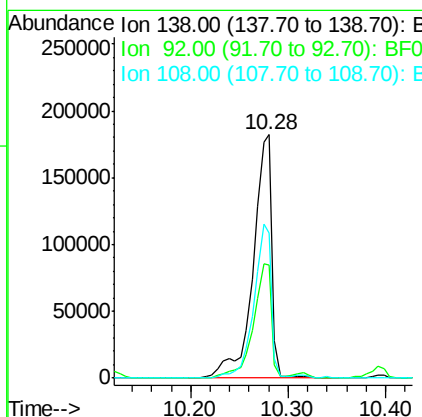
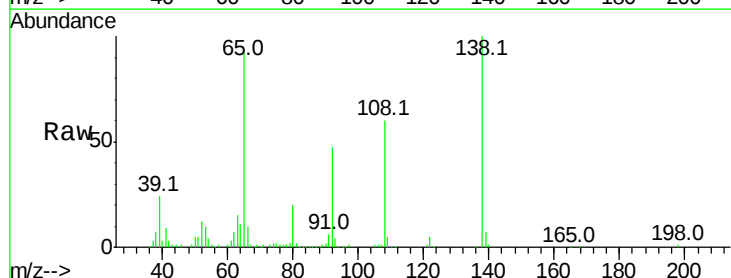
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

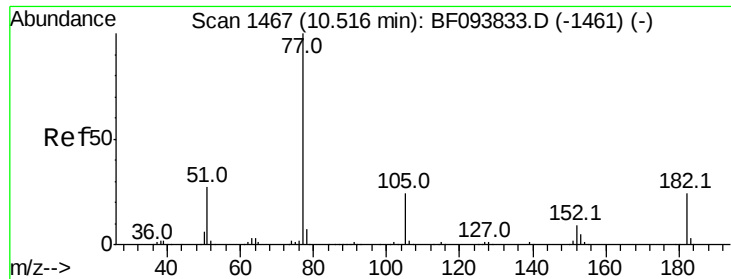
Tot Ion:204 Resp: 408692
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.2 39.2
 141 64.7 60.8 91.2



#61
 4-Nitroaniline
 Concen: 36.61 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:138 Resp: 247621
 Ion Ratio Lower Upper
 138 100
 92 46.5 21.8 61.8
 108 59.7 42.3 82.3





#62

Azobenzene

Concen: 41.19 ng

RT: 10.44 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

Tot Ion: 77 Resp: 1008288

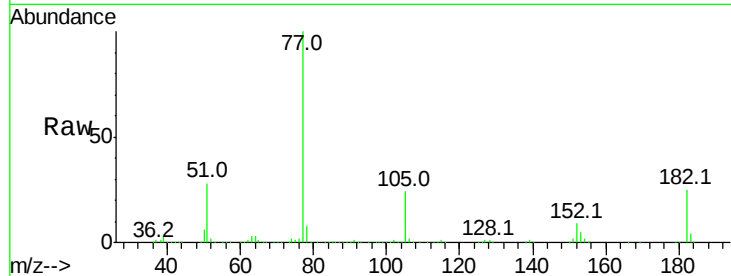
Ion Ratio Lower Upper

77 100

182 25.3 0.1 40.1

105 23.9 3.6 43.6

51 27.7 9.4 49.4

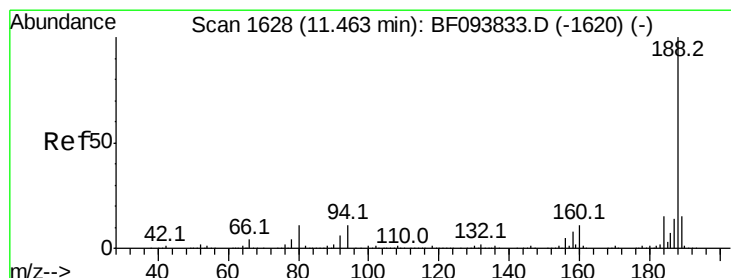
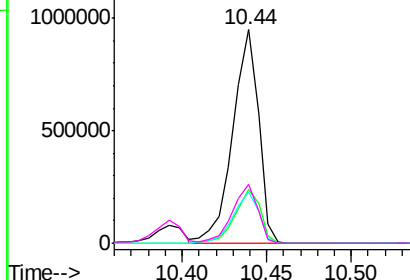
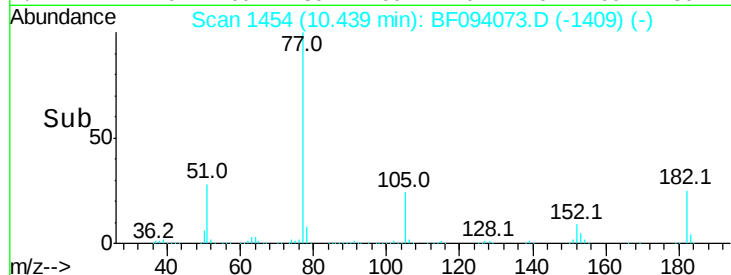


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1615

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

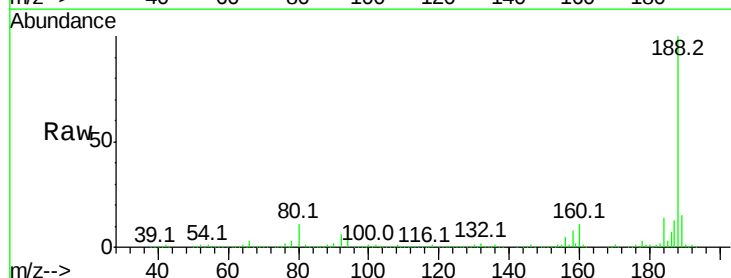
Tgt Ion: 188 Resp: 626124

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

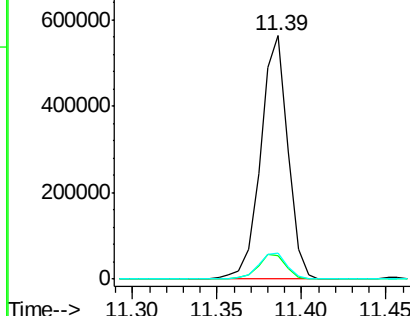
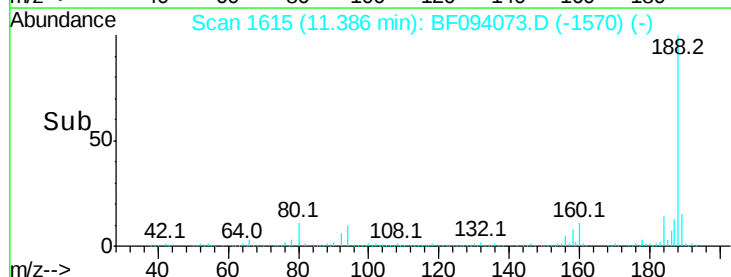
80 10.8 10.2 15.2

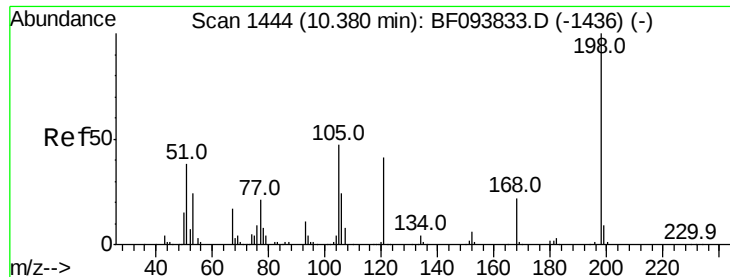


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 43.53 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

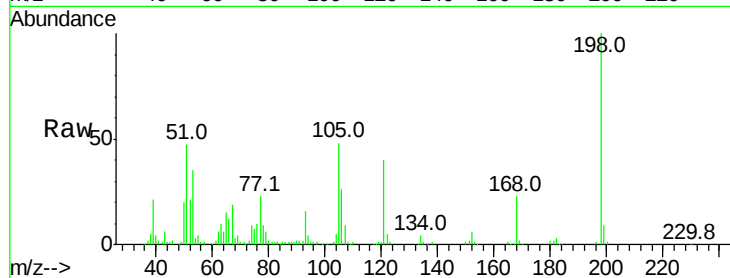
Tot Ion:198 Resp: 166905

Ion Ratio Lower Upper

198 100

51 46.9 53.2 93.2#

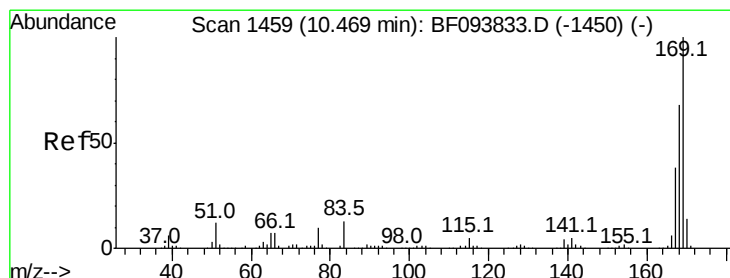
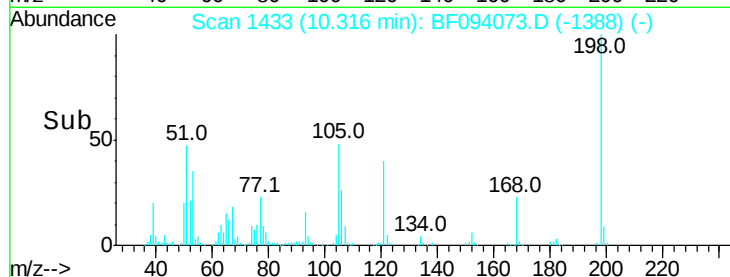
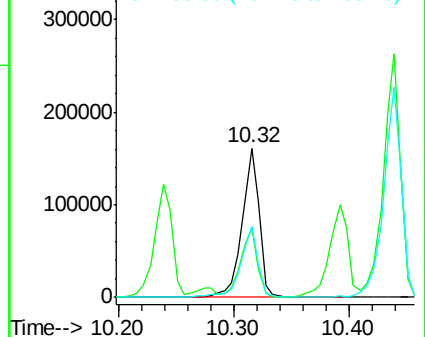
105 47.6 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.19 ng

RT: 10.39 min Scan# 1446

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

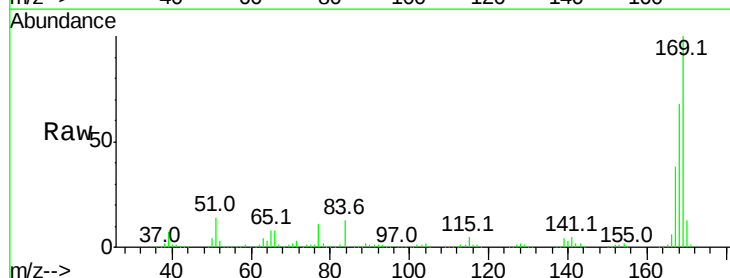
Tgt Ion:169 Resp: 848507

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

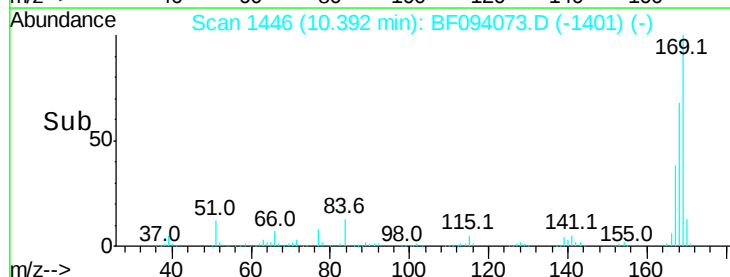
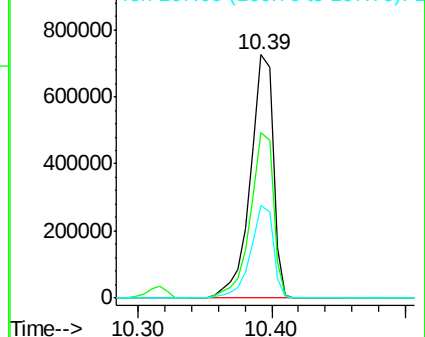
167 38.1 29.5 44.3

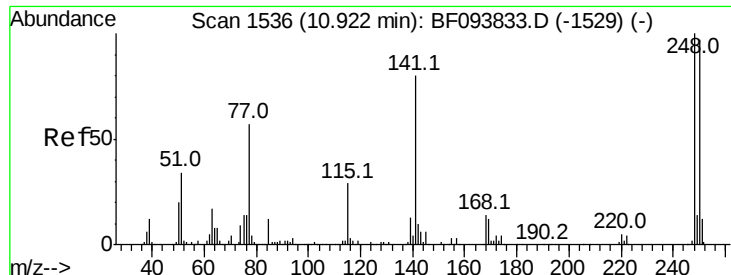


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

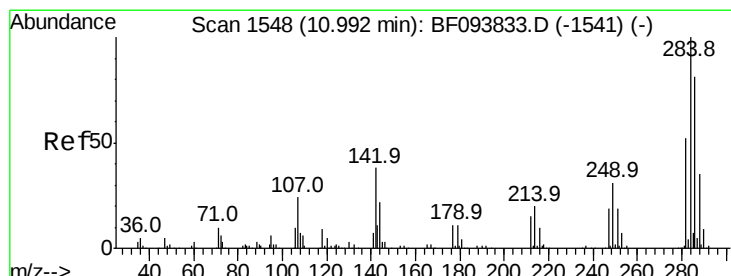
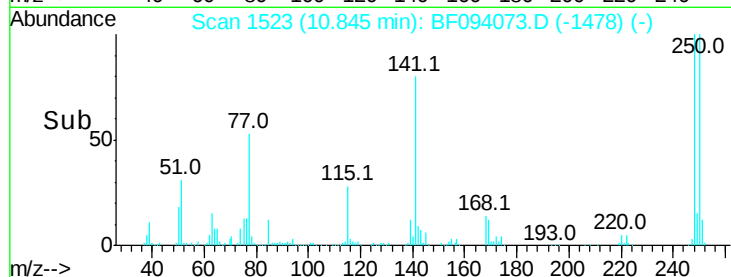
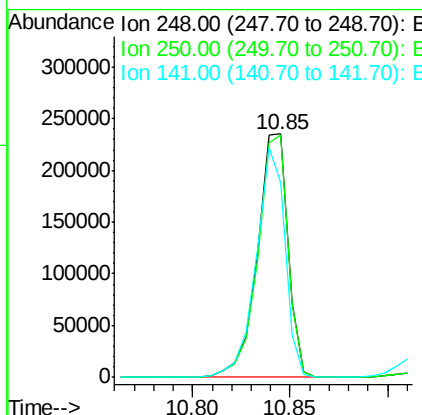
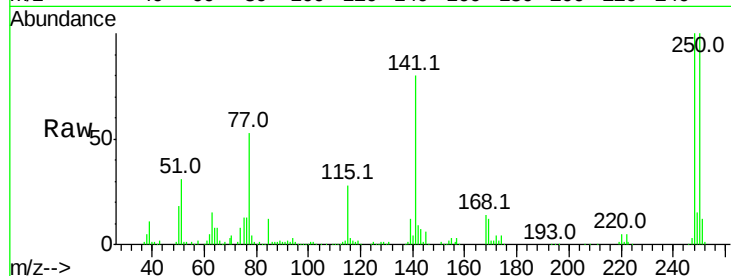




#66
 4-Bromophenyl-phenylether
 Concen: 41.73 ng
 RT: 10.85 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

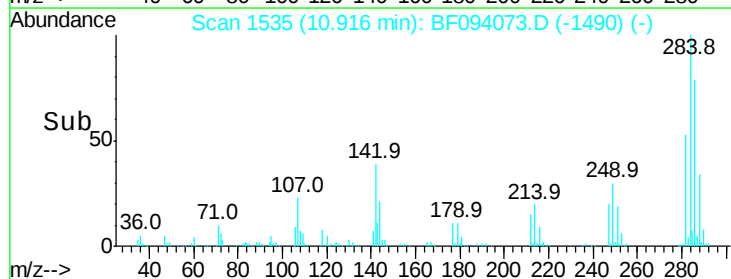
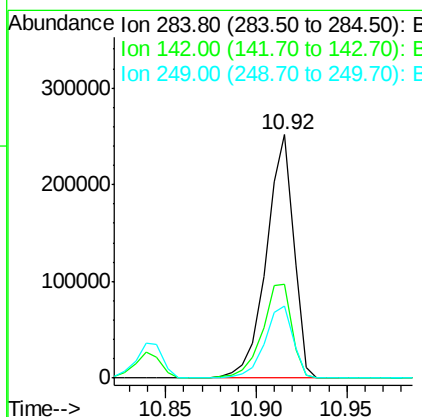
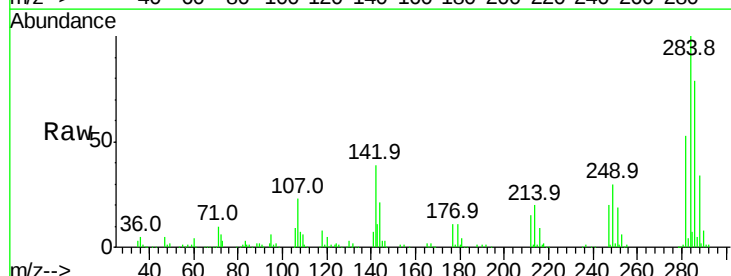
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

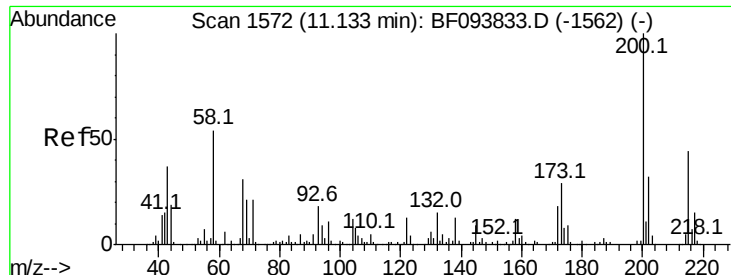
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.8	115.2
141	79.8	68.6	103.0



#67
 Hexachlorobenzene
 Concen: 42.17 ng
 RT: 10.92 min Scan# 1535
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.5	22.8	34.2#
249	29.8	24.0	36.0

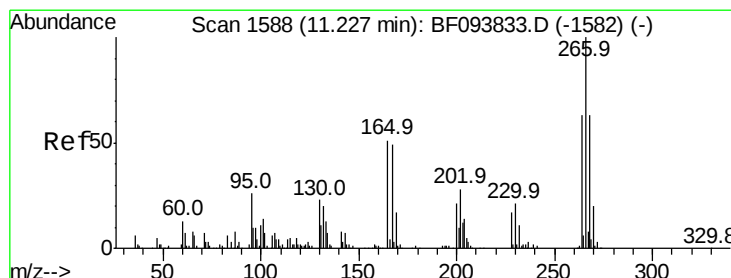
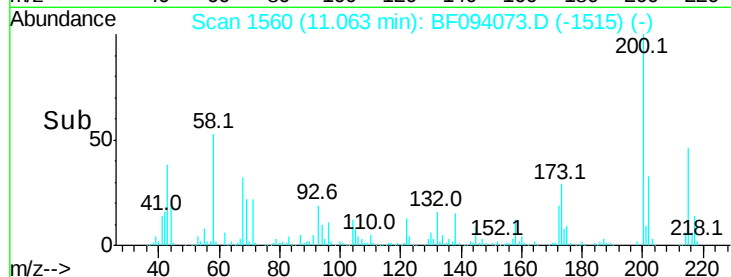
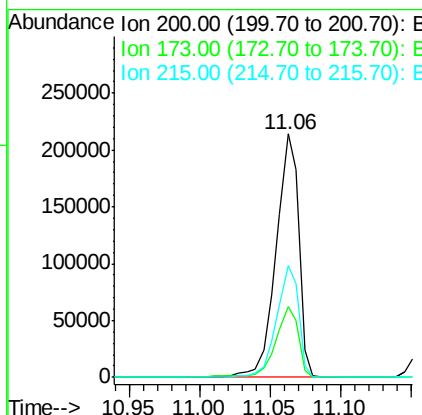
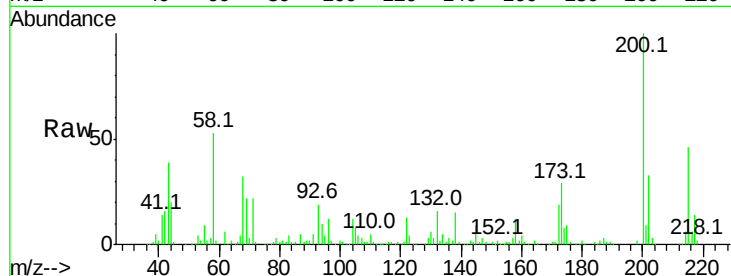




#68
Atrazine
Concen: 37.08 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

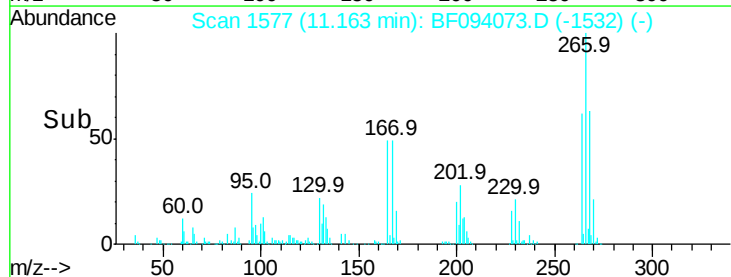
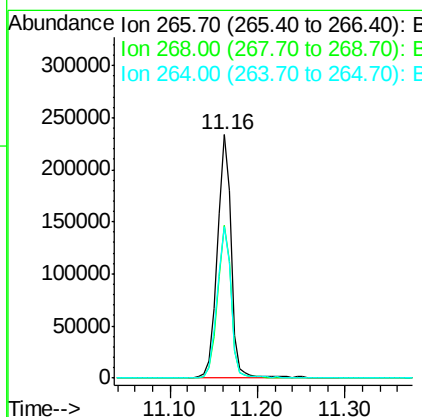
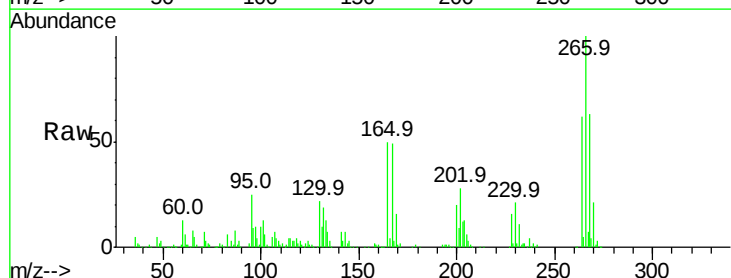
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

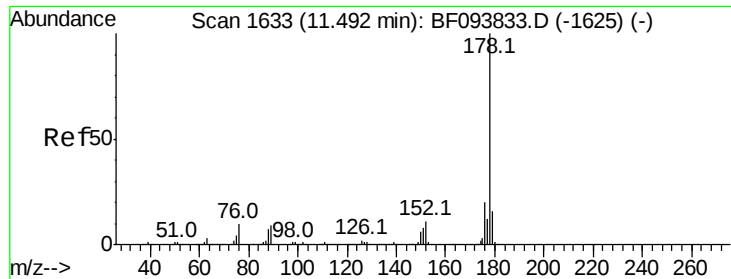
Tot Ion:200 Resp: 240499
Ion Ratio Lower Upper
200 100
173 29.2 6.3 46.3
215 46.1 27.2 67.2



#69
Pentachlorophenol
Concen: 66.90 ng
RT: 11.16 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion:266 Resp: 259557
Ion Ratio Lower Upper
266 100
268 62.9 51.1 76.7
264 62.0 51.7 77.5

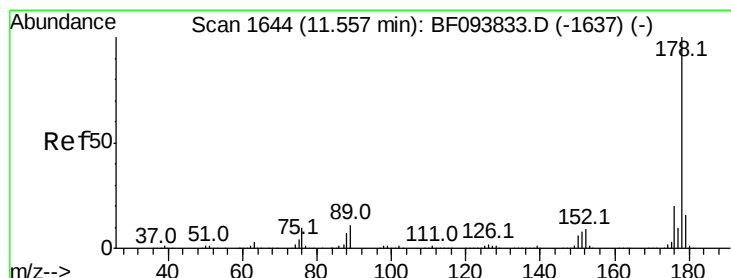
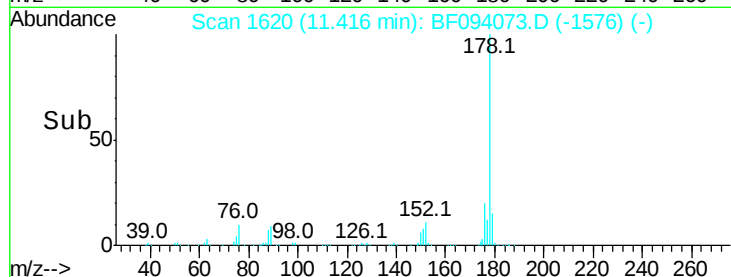
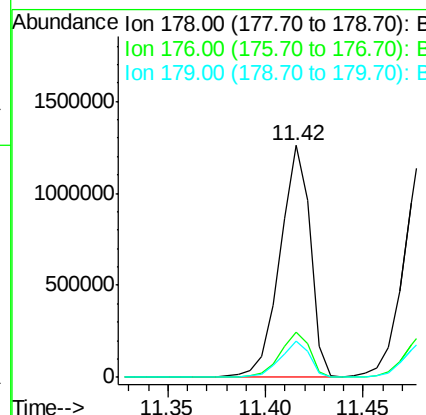
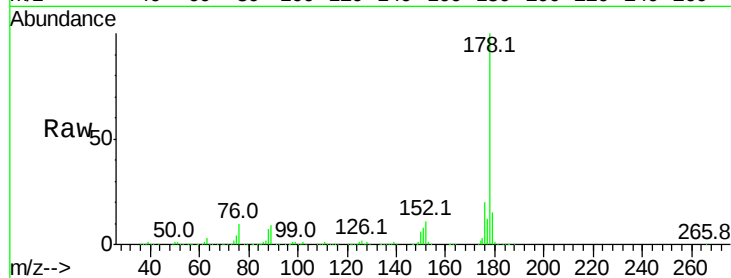




#70
Phenanthrene
Concen: 38.93 ng
RT: 11.42 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

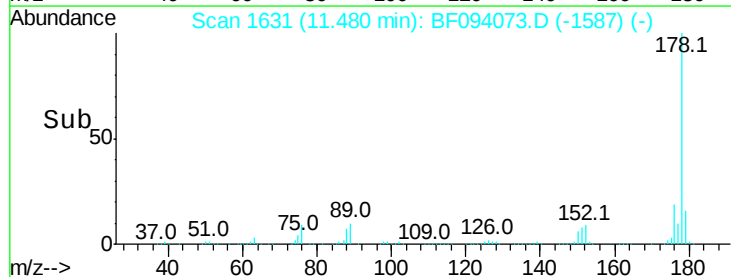
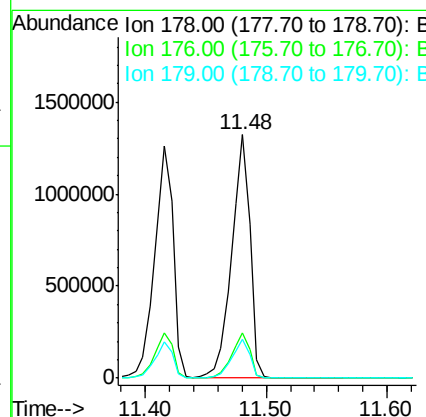
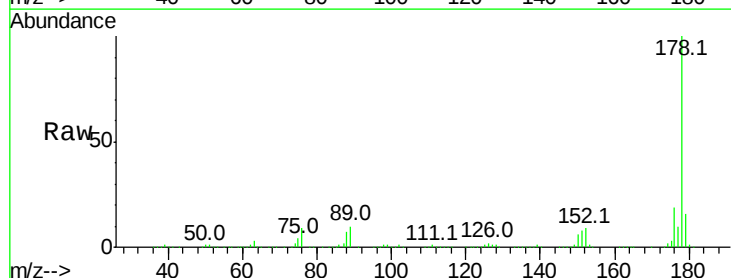
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

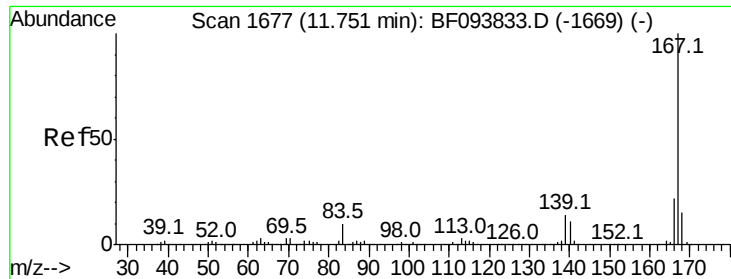
Tot Ion:178 Resp: 1355935
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.5 12.6 19.0



#71
Anthracene
Concen: 38.68 ng
RT: 11.48 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion:178 Resp: 1387210
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 15.8 12.7 19.1

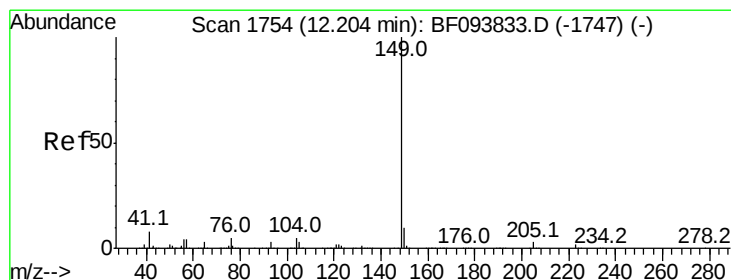
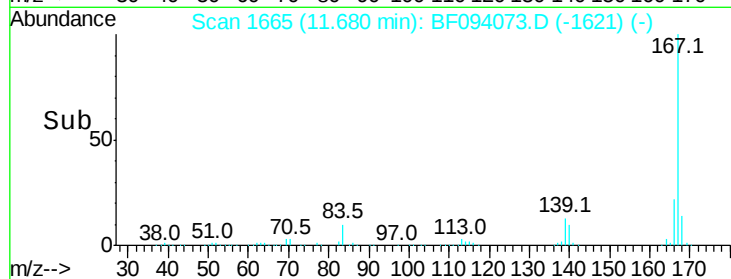
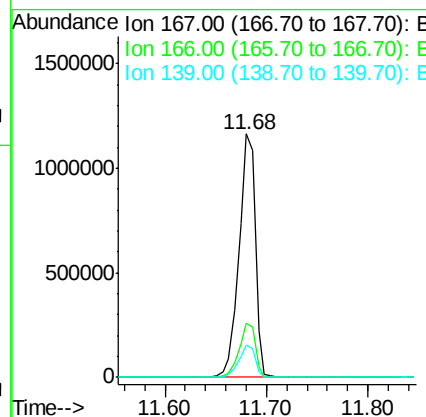
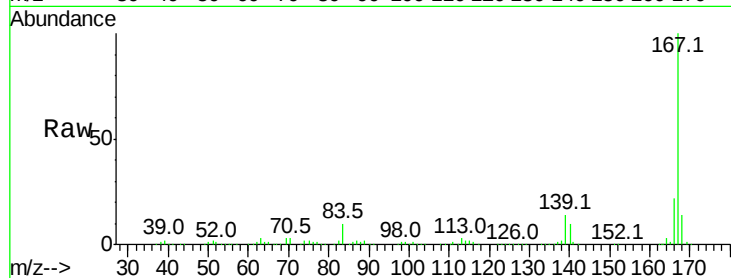




#72
 Carbazole
 Concen: 35.48 ng
 RT: 11.68 min Scan# 1665
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

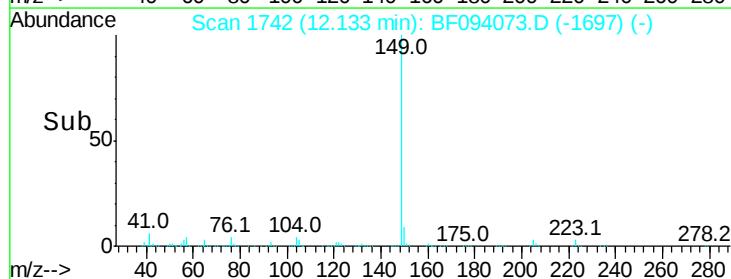
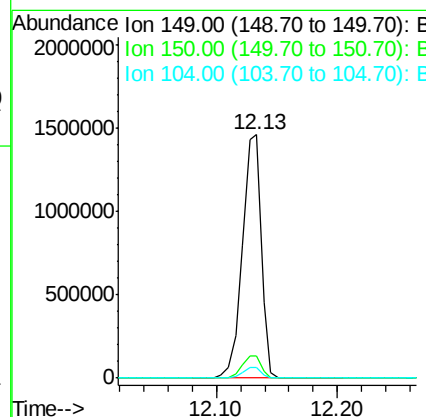
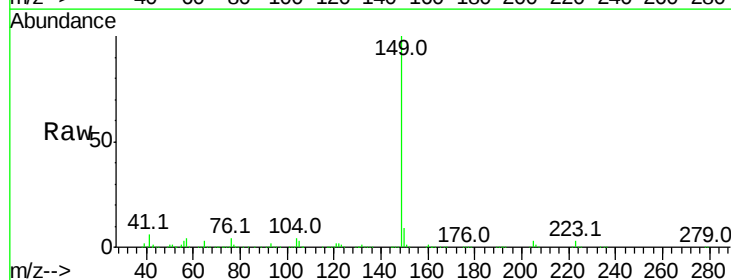
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

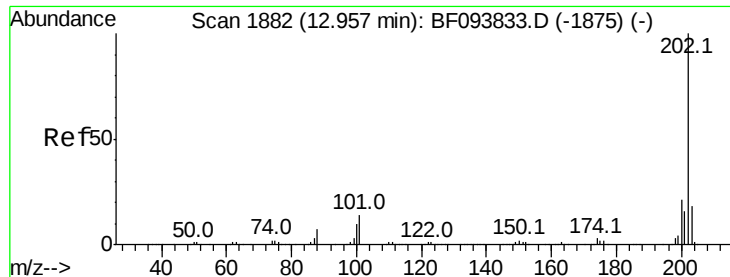
Tot Ion:167 Resp: 1304609
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.5 11.7 17.5



#73
 Di-n-butylphthalate
 Concen: 41.69 ng
 RT: 12.13 min Scan# 1742
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:149 Resp: 1594324
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.3 4.0 6.0

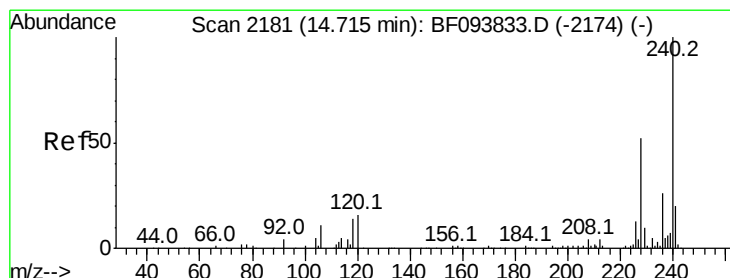
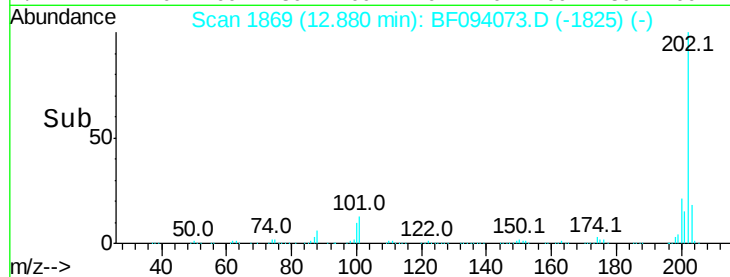
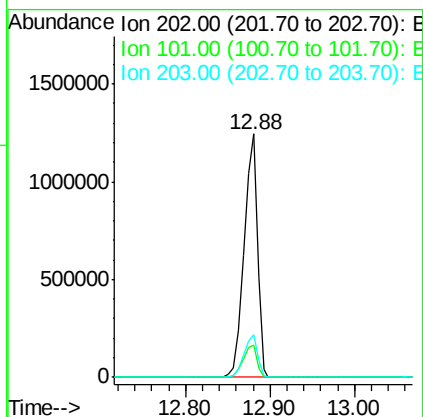
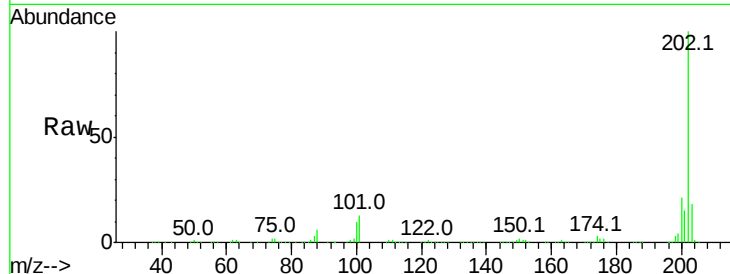




#74
 Fluoranthene
 Concen: 37.65 ng
 RT: 12.88 min Scan# 1869
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

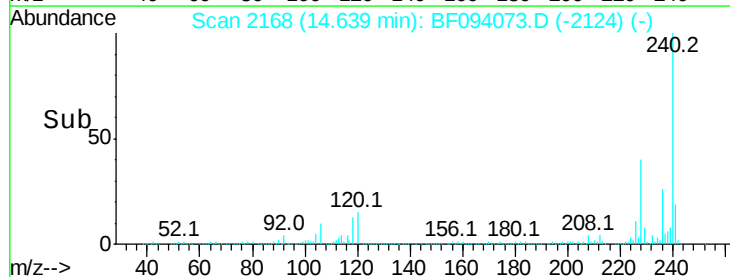
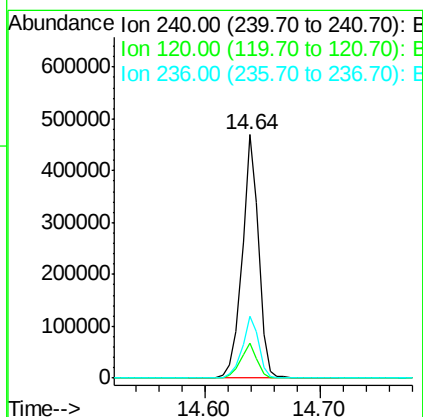
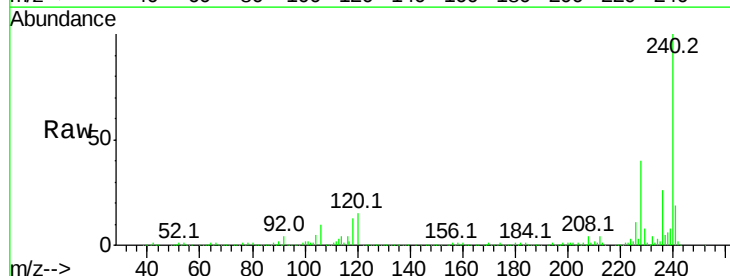
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

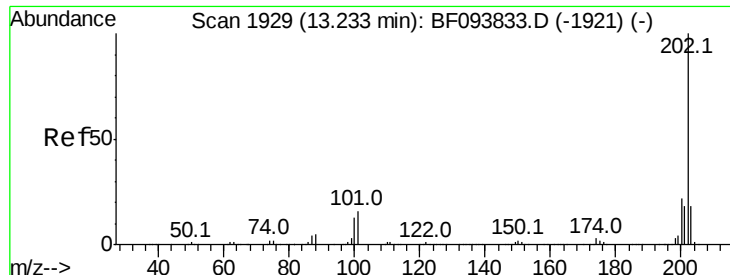
Tot Ion:202 Resp: 1342779
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 33.2
 203 17.7 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2168
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:240 Resp: 459658
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 25.7 20.5 30.7

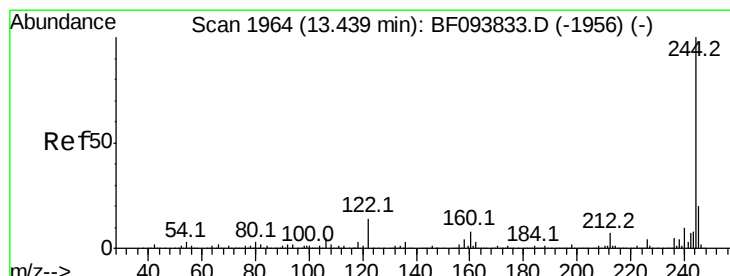
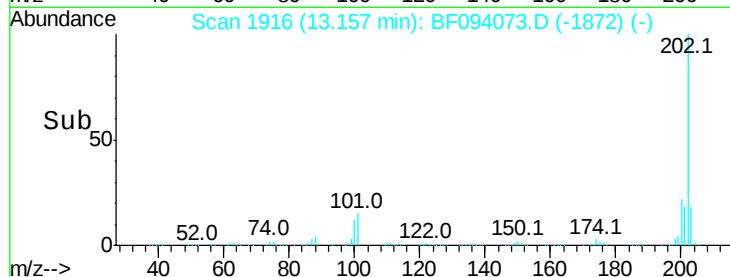
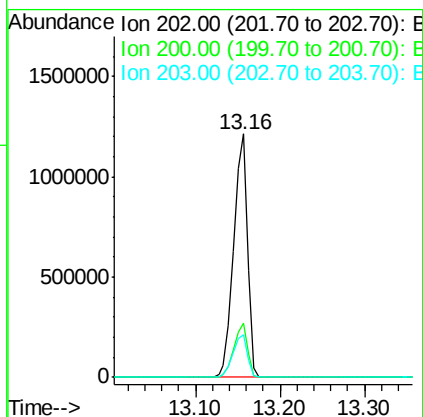
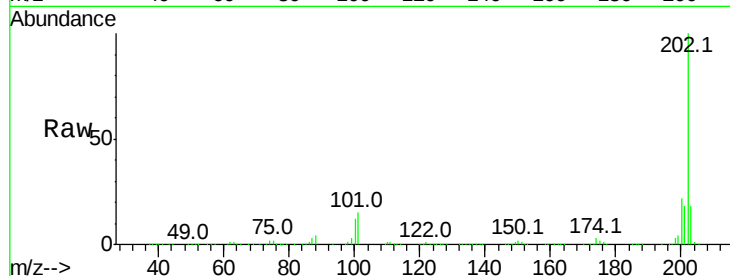




#77
Pvrene
Concen: 40.42 ng
RT: 13.16 min Scan# 1916
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

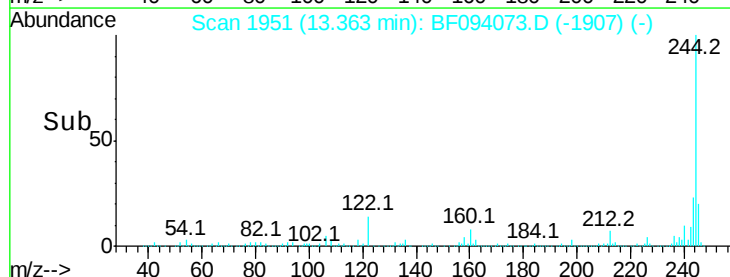
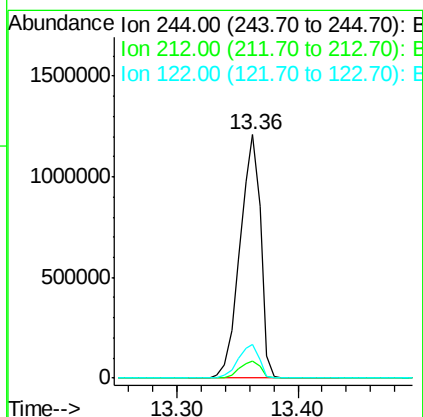
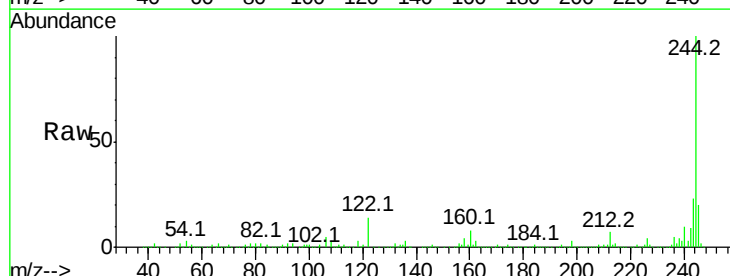
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

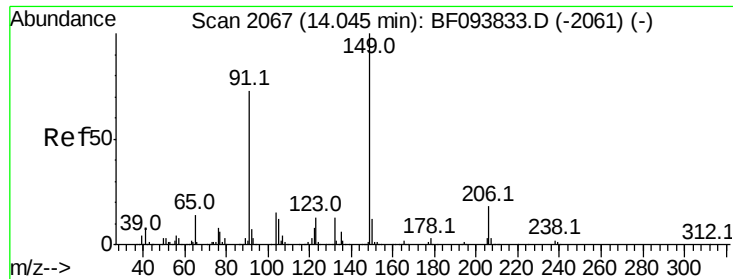
Tot Ion:202 Resp: 1348431
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 70.35 ng
RT: 13.36 min Scan# 1951
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion:244 Resp: 1442616
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.9 10.3 15.5

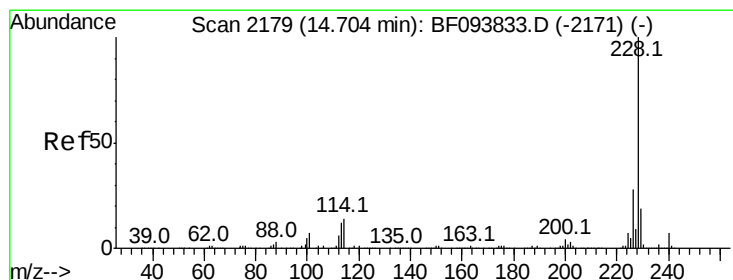
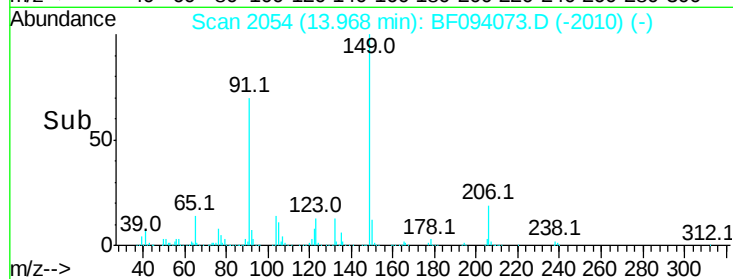
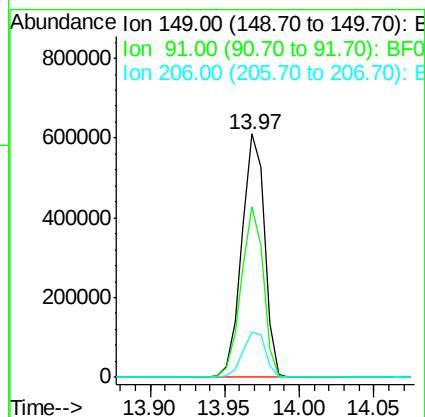
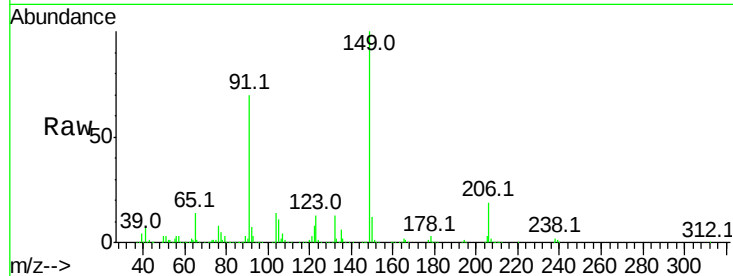




#79
Butylbenzylphthalate
Concen: 45.67 ng
RT: 13.97 min Scan# 2054
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

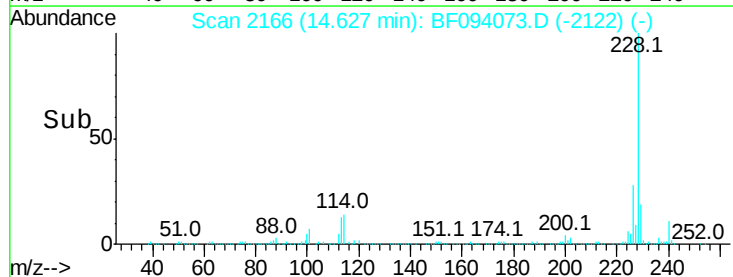
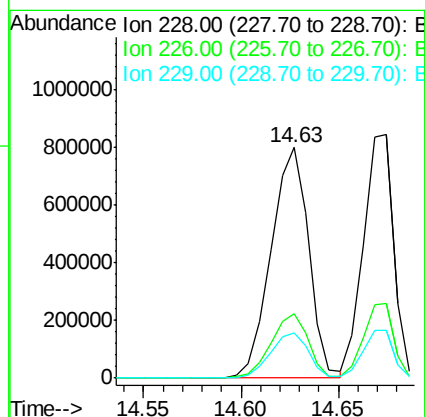
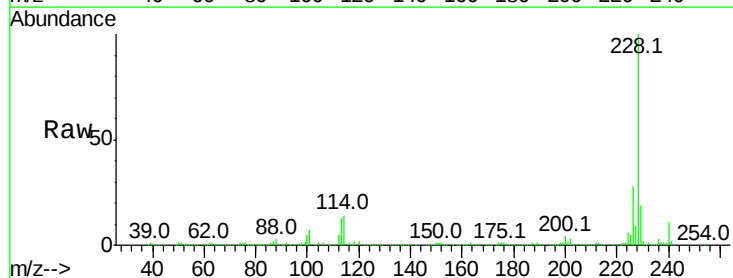
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

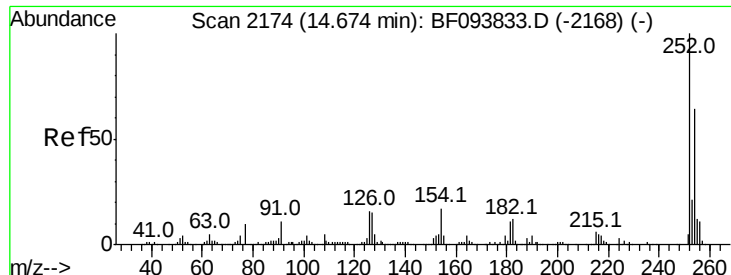
Tot Ion:149 Resp: 649205
Ion Ratio Lower Upper
149 100
91 70.0 45.0 67.4#
206 18.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.76 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion:228 Resp: 1065620
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.5 16.3 24.5

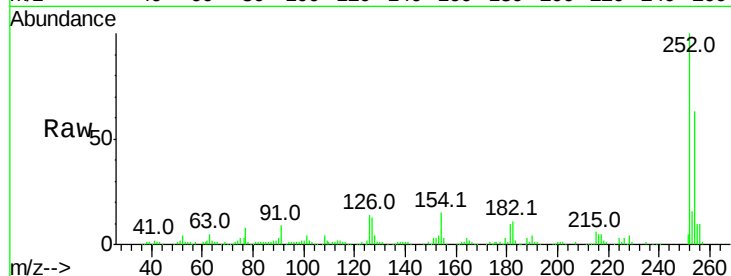




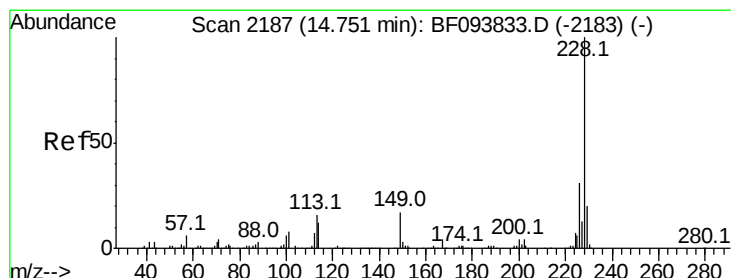
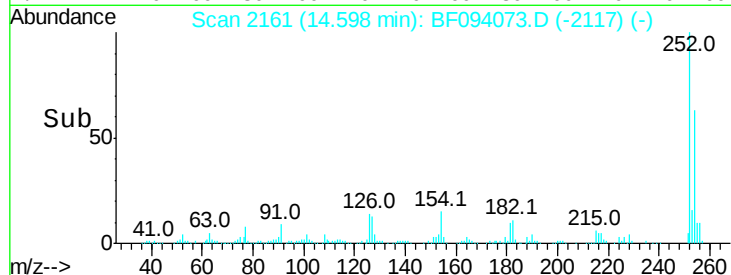
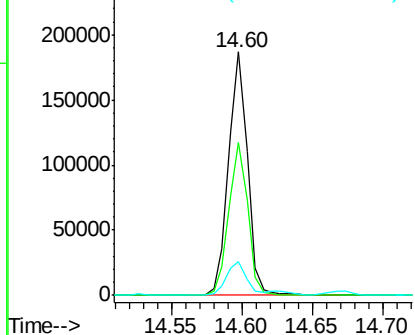
#81
 3,3'-Dichlorobenzidine
 Concen: 18.32 ng
 RT: 14.60 min Scan# 2161
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

Tot Ion:252 Resp: 175512
 Ion Ratio Lower Upper
 252 100
 254 62.6 51.5 77.3
 126 13.7 15.8 23.8#

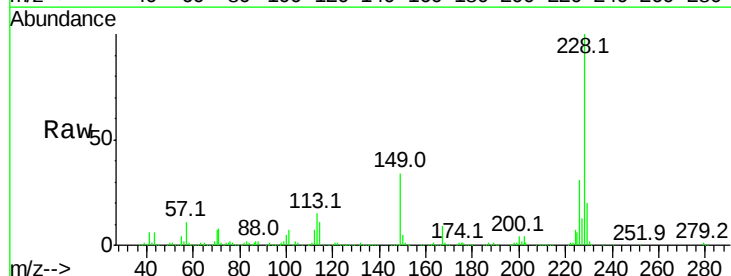


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

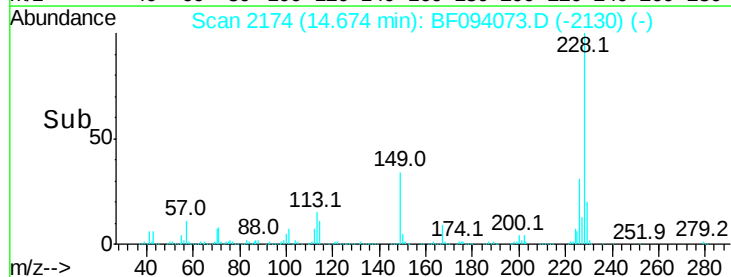
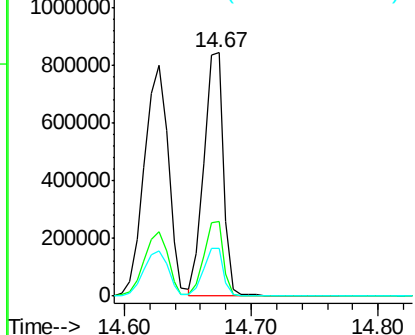


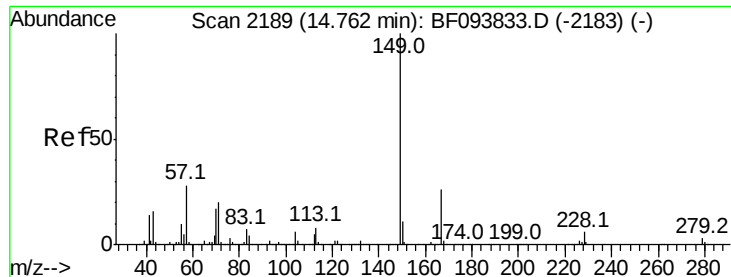
#82
 Chrysene
 Concen: 36.74 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:228 Resp: 913773
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.7 15.8 23.6



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

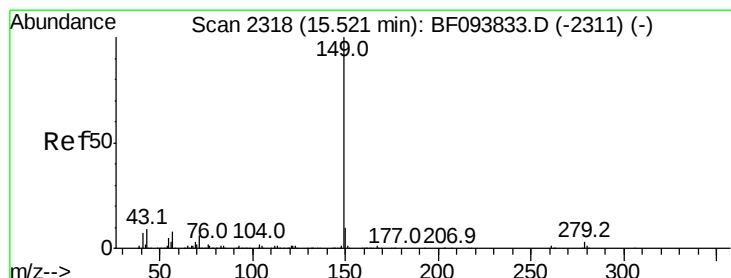
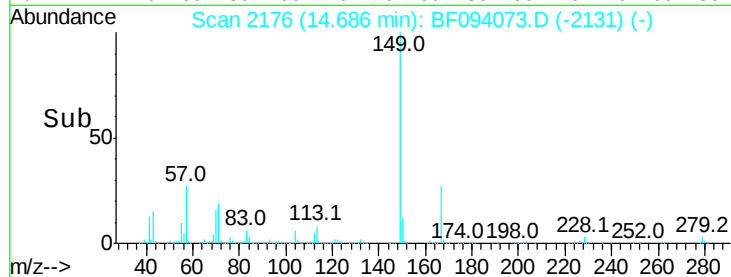
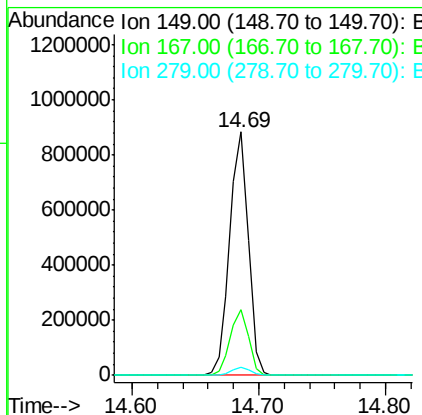
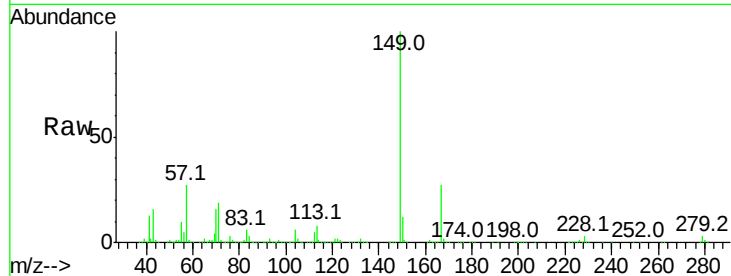




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.33 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

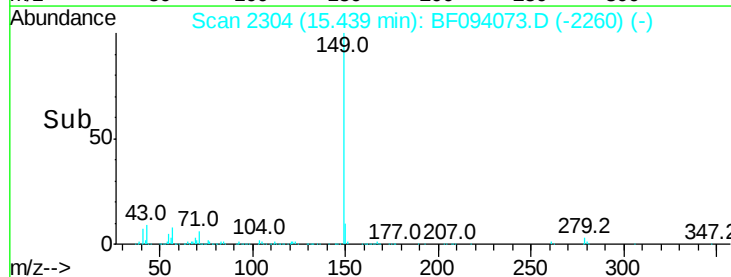
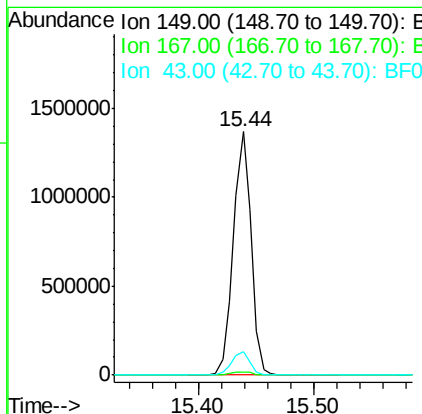
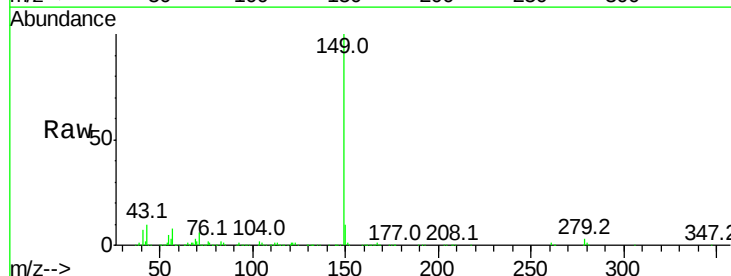
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

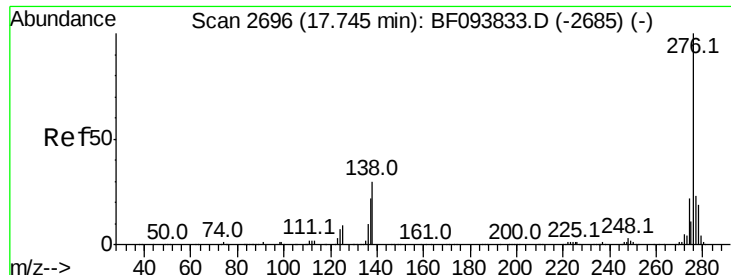
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	3.1	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 44.88 ng
 RT: 15.44 min Scan# 2304
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.5	12.7

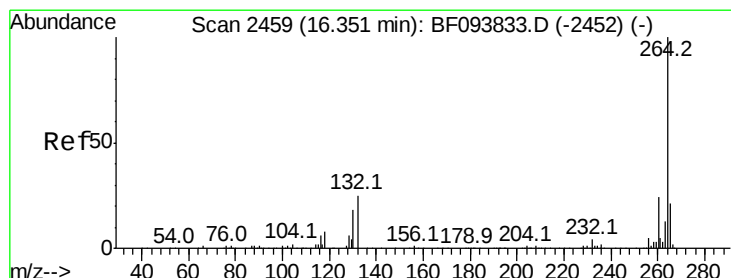
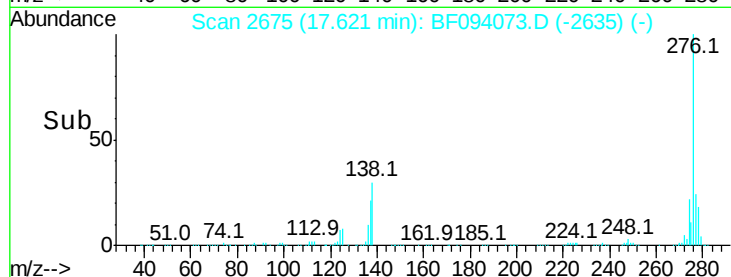
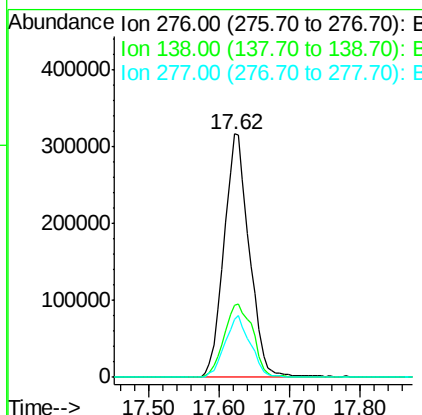
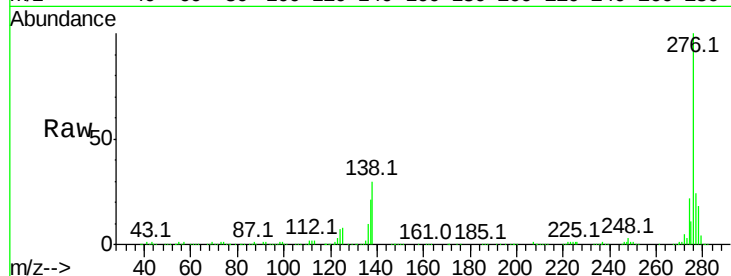




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.69 ng
 RT: 17.62 min Scan# 2675
 Delta R.T. -0.06 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

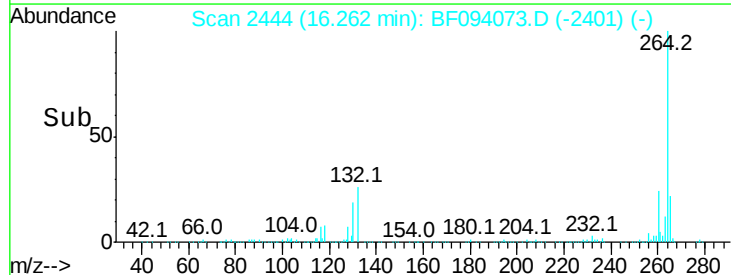
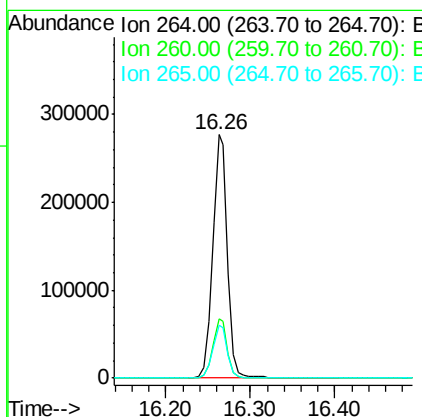
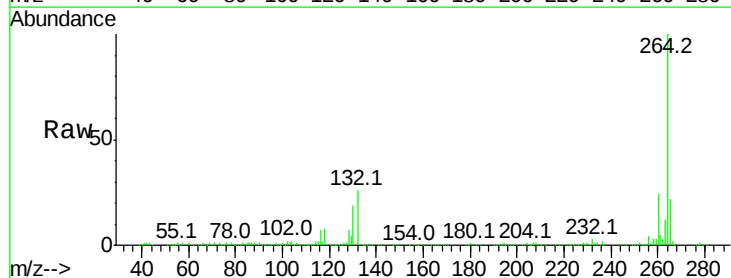
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

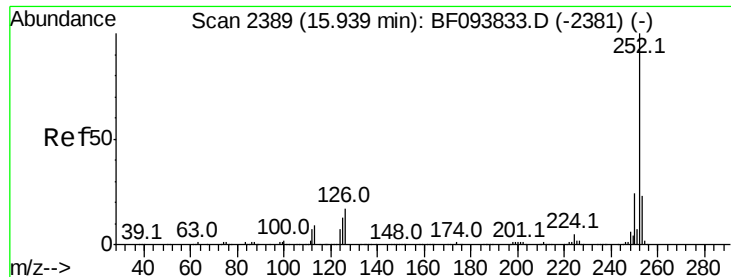
Tot Ion:276 Resp: 790472
 Ion Ratio Lower Upper
 276 100
 138 34.5 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 2444
 Delta R.T. -0.05 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Tgt Ion:264 Resp: 342192
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.95 ng

RT: 15.86 min Scan# 2375

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

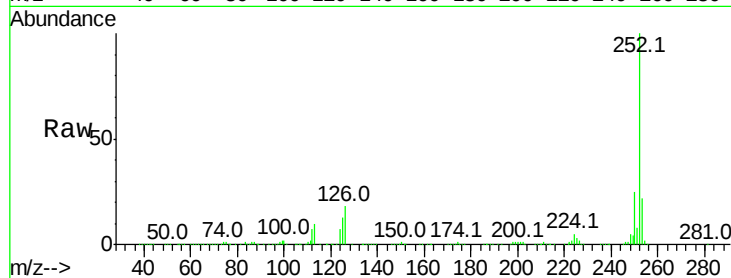
Tot Ion:252 Resp: 858989

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

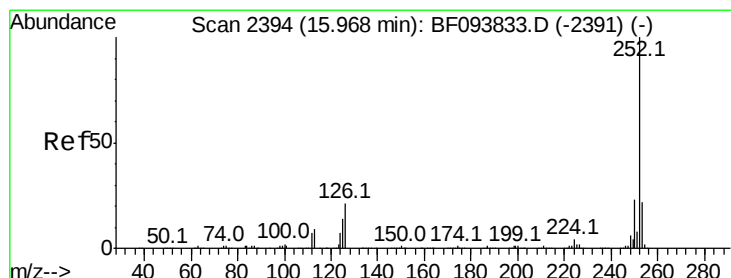
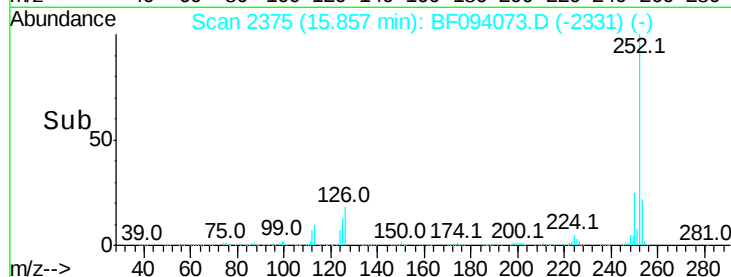
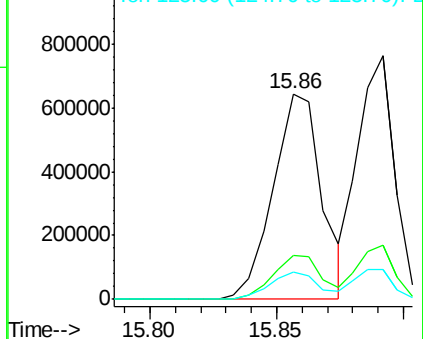
125 13.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.86 ng

RT: 15.86 min Scan# 2375

Delta R.T. -0.08 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

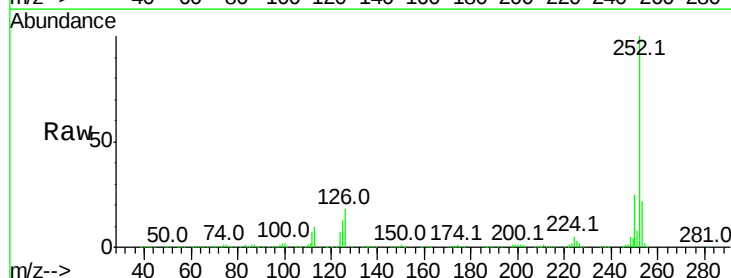
Tgt Ion:252 Resp: 858989

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

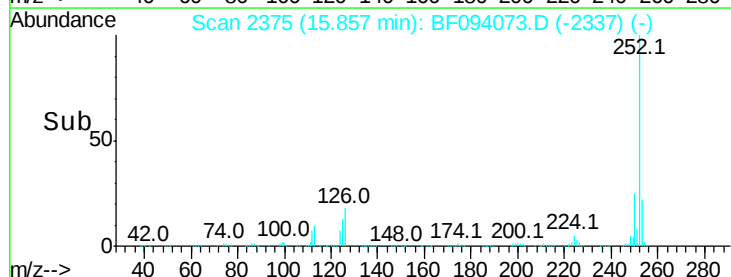
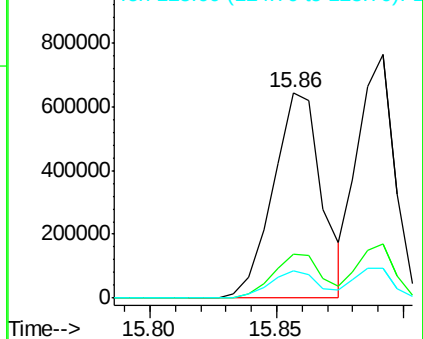
125 13.4 13.1 19.7

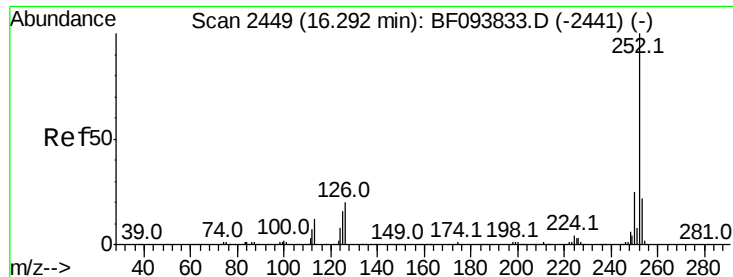


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.26 ng

RT: 16.21 min Scan# 2435

Delta R.T. -0.04 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS

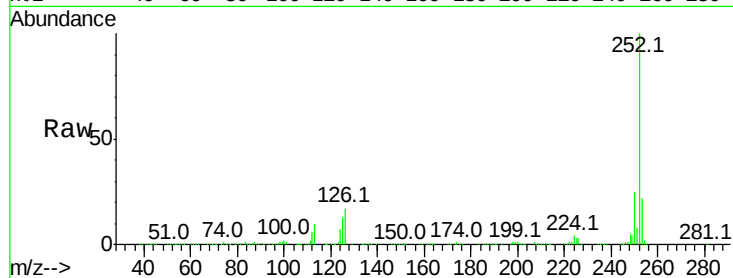
Tot Ion:252 Resp: 777643

Ion Ratio Lower Upper

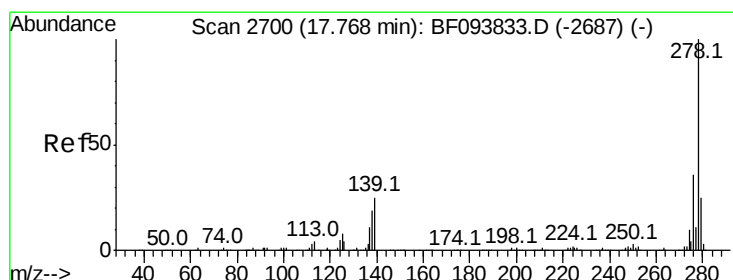
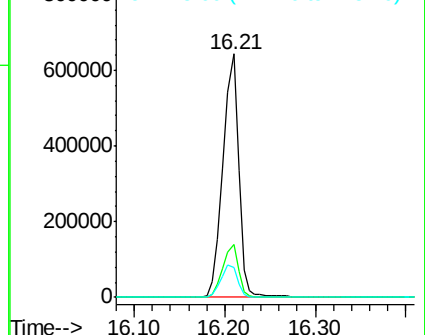
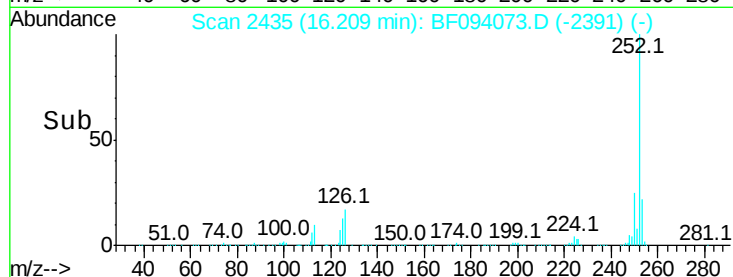
252 100

253 21.7 17.5 26.3

125 12.5 11.0 16.4



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: 40.52 ng

RT: 17.64 min Scan# 2679

Delta R.T. -0.06 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

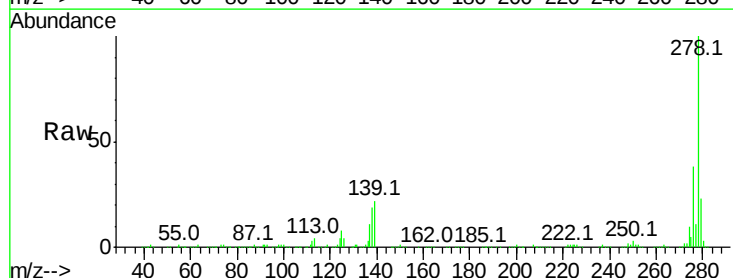
Tgt Ion:278 Resp: 662849

Ion Ratio Lower Upper

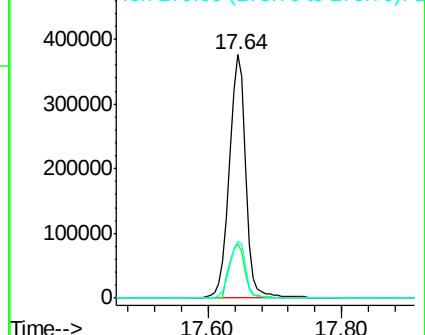
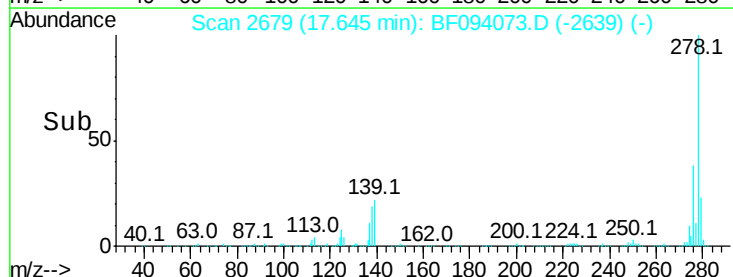
278 100

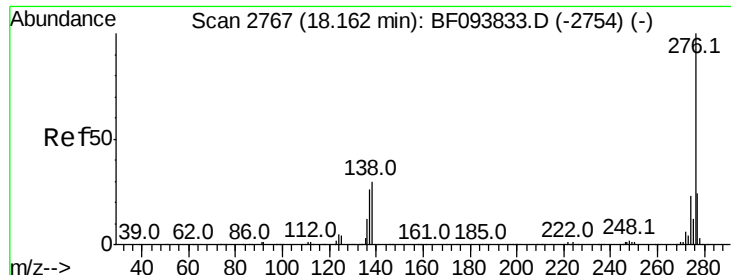
139 22.5 16.6 24.8

279 23.3 19.3 28.9



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: 39.92 ng
 RT: 18.03 min Scan# 2744
 Delta R.T. -0.07 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	29.4	25.4	38.0

