

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 03:48:43 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	106204m	31.66	ng	
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

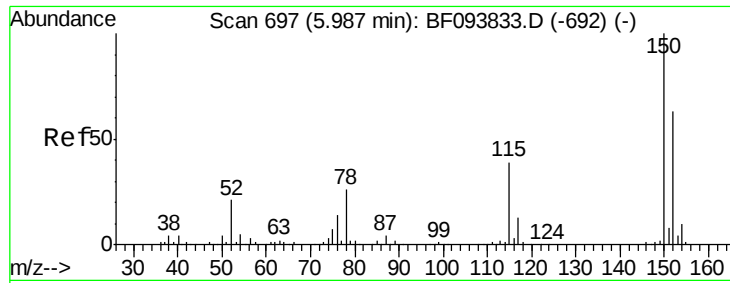
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033017\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.70	196	313074	40.59	ng	# 92
45) 1,1'-Biphenyl	8.86	154	1159867	39.04	ng	98
46) 2-Chloronaphthalene	8.88	162	920271	39.57	ng	95
47) 2-Nitroaniline	9.01	65	278604	40.38	ng	# 85
48) Acenaphthylene	9.39	152	1455103	37.65	ng	99
49) Dimethylphthalate	9.26	163	1216816	46.48	ng	99
50) 2,6-Dinitrotoluene	9.32	165	249286	41.53	ng	# 88
51) Acenaphthene	9.60	154	862519	38.24	ng	99
52) 3-Nitroaniline	9.52	138	154334	21.90	ng	92
53) 2,4-Dinitrophenol	9.65	184	205265	64.85	ng	# 73
54) Dibenzofuran	9.82	168	1251339	40.76	ng	100
55) 4-Nitrophenol	9.77	139	377551	68.41	ng	# 75
56) 2,4-Dinitrotoluene	9.81	165	305607	40.53	ng	# 69
57) Fluorene	10.24	166	931640	36.59	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.97	232	232162	43.86	ng	98
59) Diethylphthalate	10.12	149	1055429	40.79	ng	98
60) 4-Chlorophenyl-phenylether	10.25	204	408692	37.68	ng	90
61) 4-Nitroaniline	10.28	138	247621	36.61	ng	95
62) Azobenzene	10.44	77	1008288	41.19	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	166905	43.53	ng	# 73
65) n-Nitrosodiphenylamine	10.39	169	848507	39.19	ng	98
66) 4-Bromophenyl-phenylether	10.85	248	256984	41.73	ng	95
67) Hexachlorobenzene	10.92	284	262874	42.17	ng	# 91
68) Atrazine	11.06	200	240499	37.08	ng	97
69) Pentachlorophenol	11.16	266	259557	66.90	ng	98
70) Phenanthrene	11.42	178	1355935	38.93	ng	99
71) Anthracene	11.48	178	1387210	38.68	ng	99
72) Carbazole	11.68	167	1304609	35.48	ng	99
73) Di-n-butylphthalate	12.13	149	1594324	41.69	ng	99
74) Fluoranthene	12.88	202	1342779	37.65	ng	99
77) Pyrene	13.16	202	1348431	40.42	ng	100
79) Butylbenzylphthalate	13.97	149	649205	45.67	ng	# 85
80) Benzo(a)anthracene	14.63	228	1065620	39.76	ng	99
81) 3,3'-Dichlorobenzidine	14.60	252	175512	18.32	ng	# 95
82) Chrysene	14.67	228	913773	36.74	ng	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	898330	46.33	ng	# 98
84) Di-n-octyl phthalate	15.44	149	1453875	44.88	ng	98
85) Indeno(1,2,3-cd)pyrene	17.62	276	790472	36.69	ng	100
87) Benzo(b)fluoranthene	15.86	252	858989	40.95	ng	98
88) Benzo(k)fluoranthene	15.89	252	783299m	38.17	ng	
89) Benzo(a)pyrene	16.21	252	777643	40.26	ng	99
90) Dibenzo(a,h)anthracene	17.64	278	662849	40.52	ng	97
91) Benzo(g,h,i)perylene	18.03	276	658079	39.92	ng	98

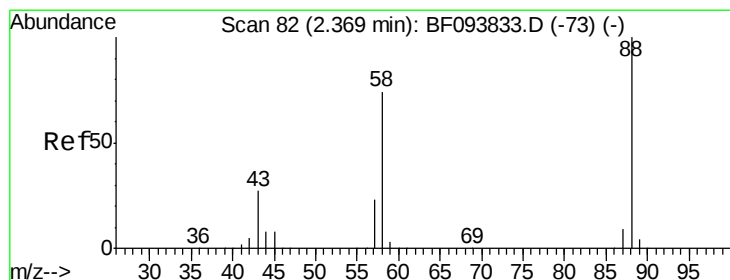
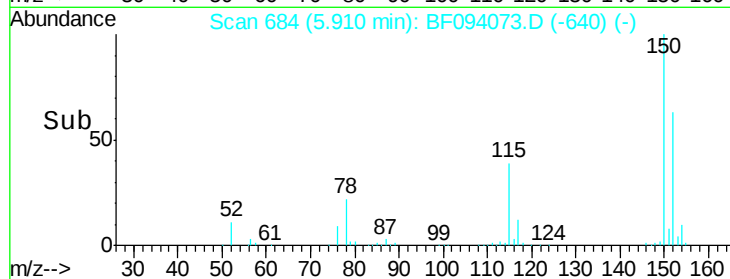
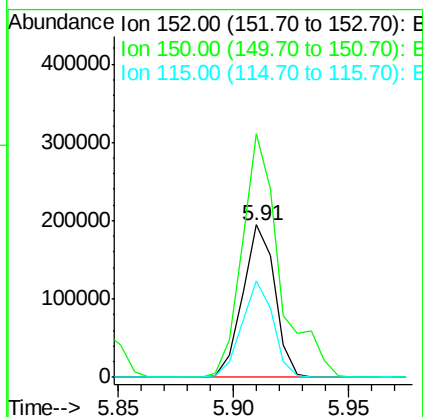
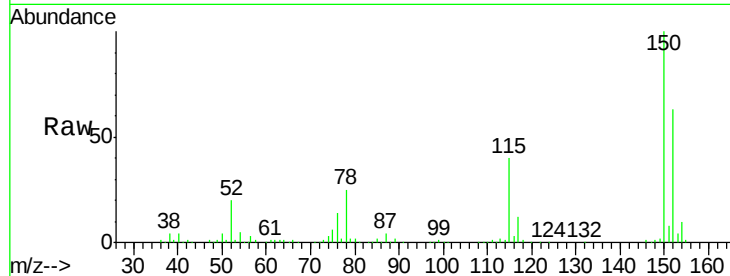
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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
 Acq: 30 Mar 2017 22:16

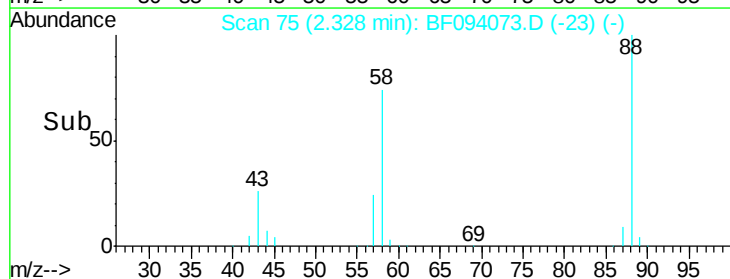
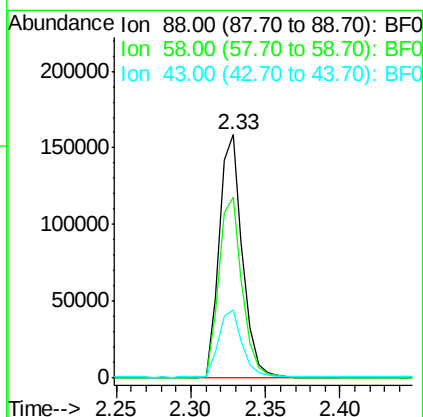
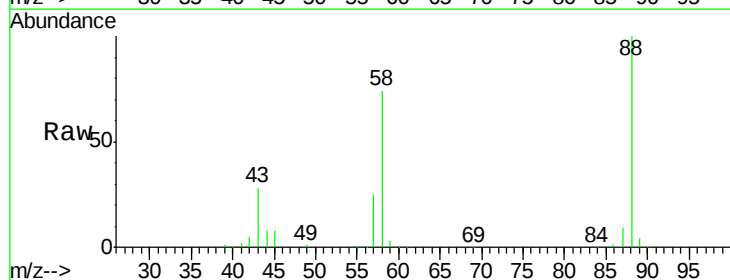
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

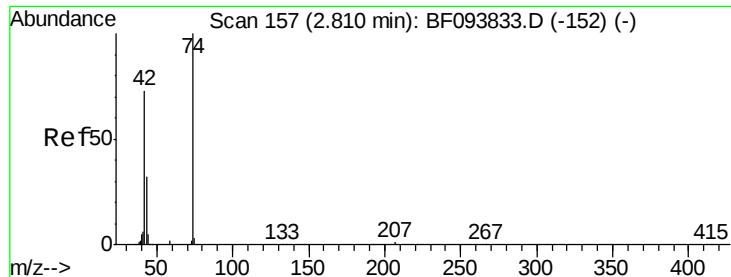
Tgt Ion:152 Resp: 189768
 Ion Ratio Lower Upper
 152 100
 150 159.5 126.2 189.2
 115 63.2 52.2 78.2



#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



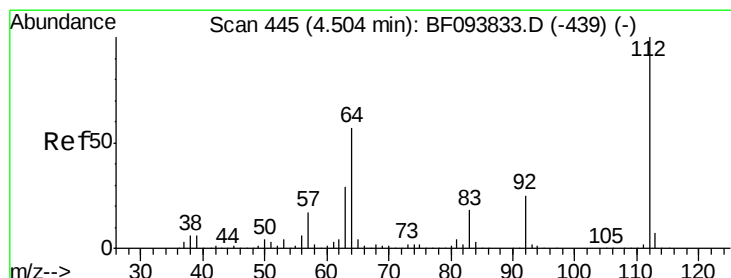
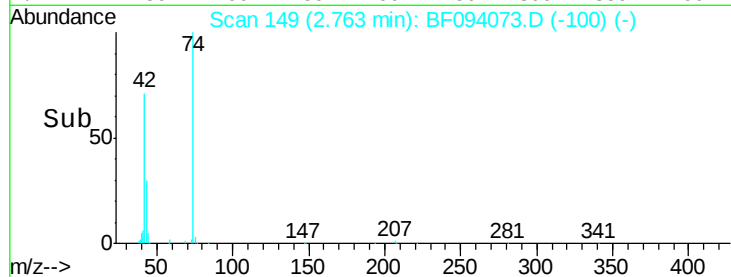
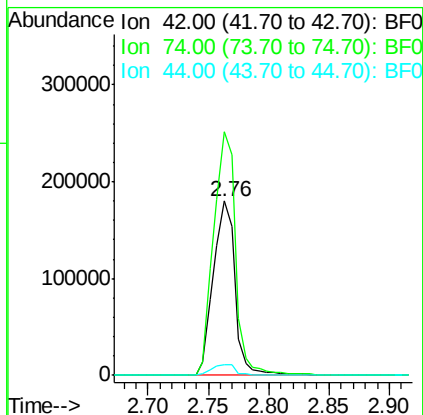
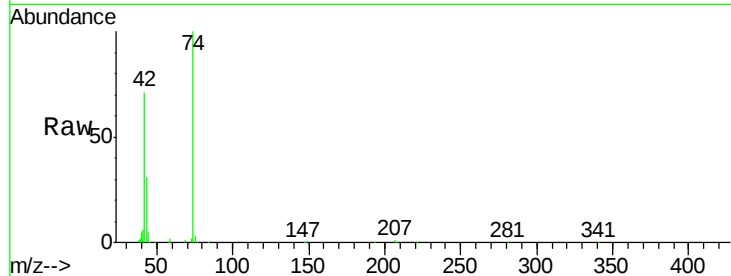


#4

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

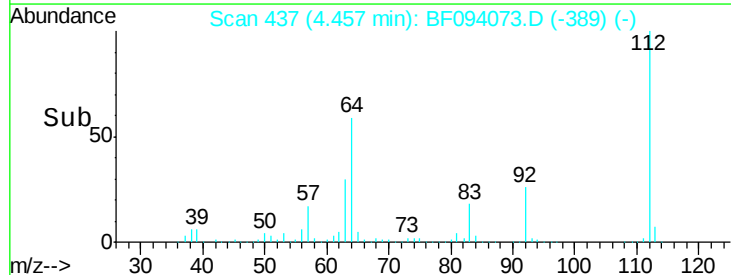
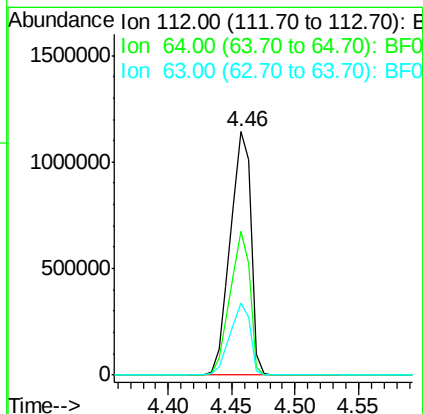
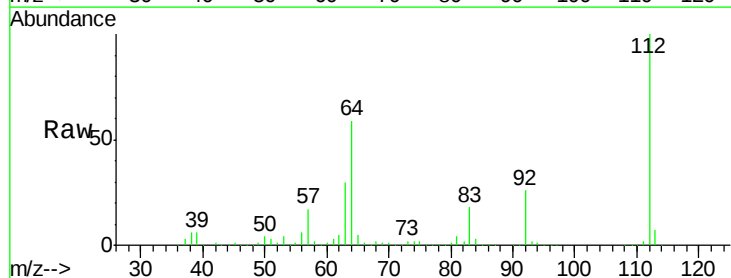
Tgt Ion: 42 Resp: 224014
 Ion Ratio Lower Upper
 42 100
 74 140.0 103.9 155.9
 44 6.5 5.7 8.5

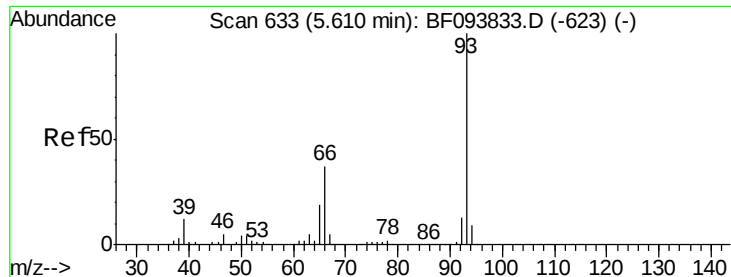


#5

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

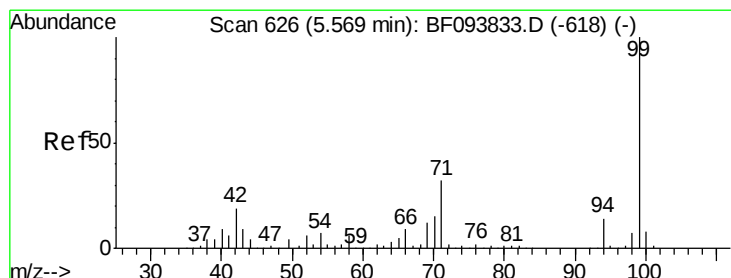
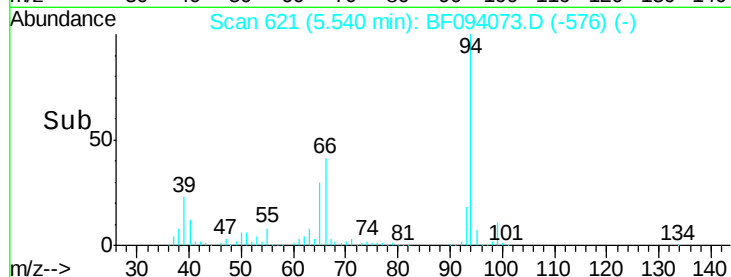
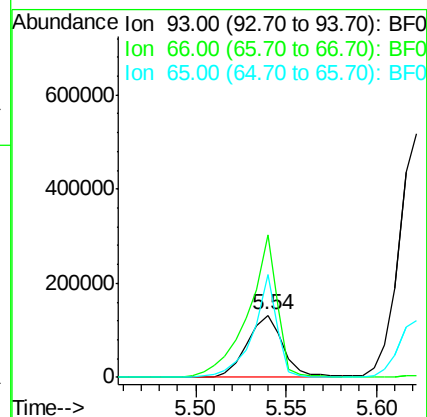
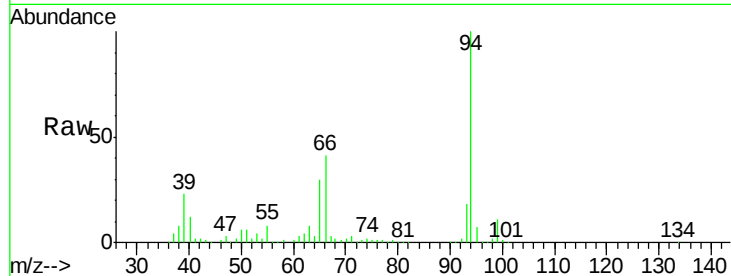
Tgt Ion: 93 Resp: 181178

Ion Ratio Lower Upper

93 100

66 230.3 32.9 49.3#

65 166.4 16.0 24.0#



#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

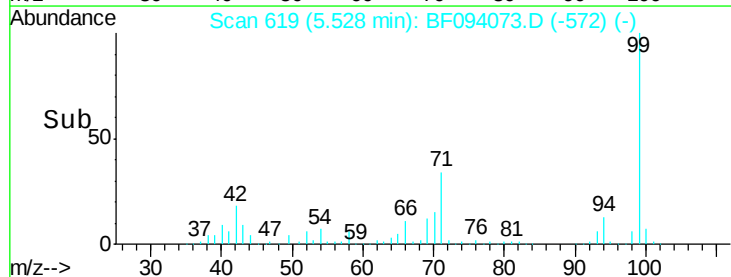
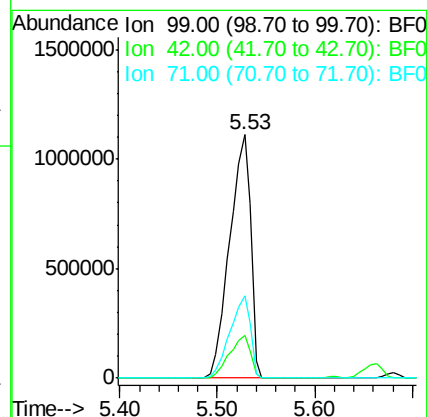
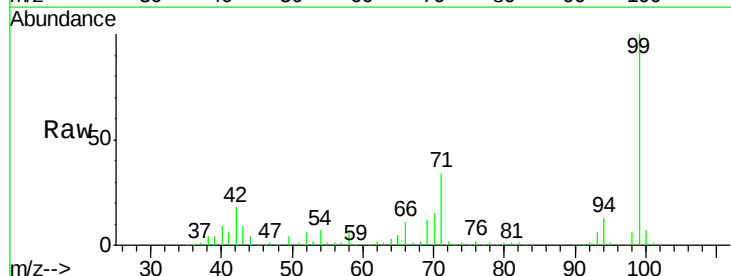
Tgt Ion: 99 Resp: 1660862

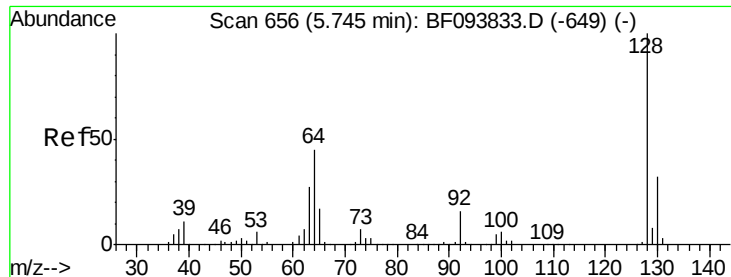
Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 33.6 24.5 36.7

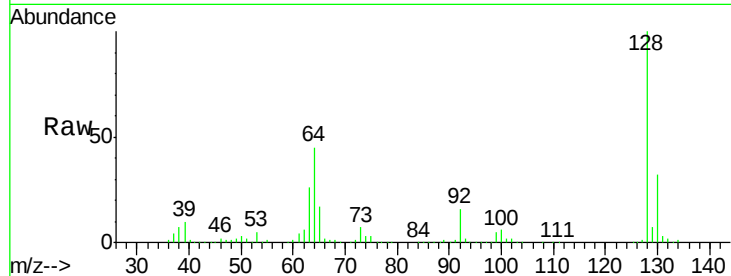




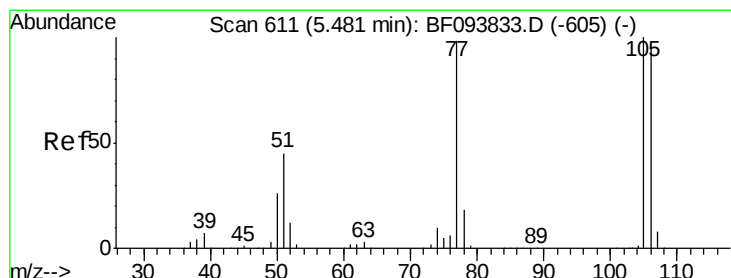
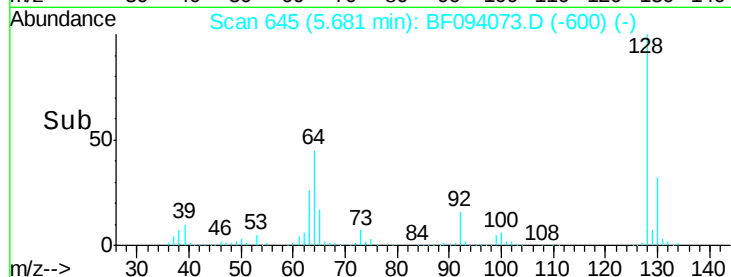
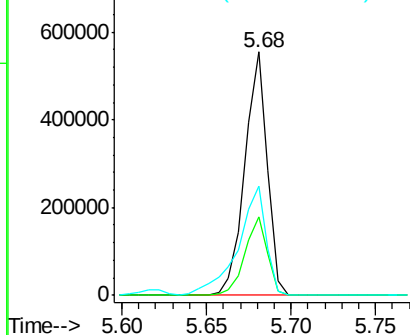
#8
2-Chlorophenol
Concen: 41.82 ng
RT: 5.68 min Scan# 645
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

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

Tgt Ion:128 Resp: 516420
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 45.0 28.4 68.4

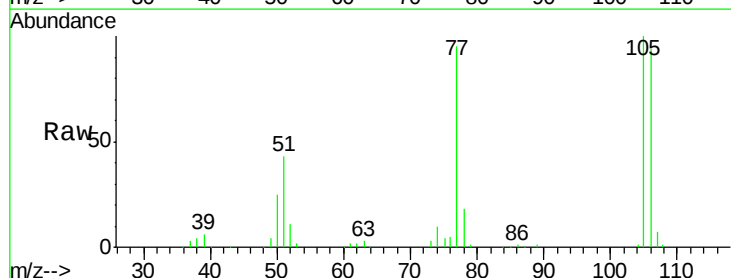


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

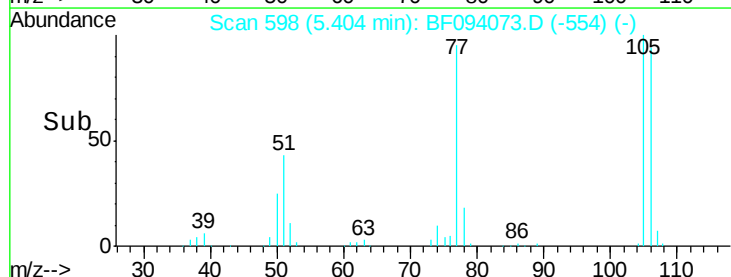
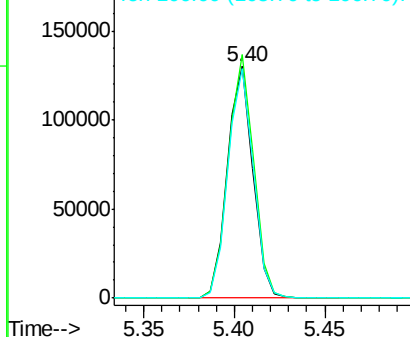


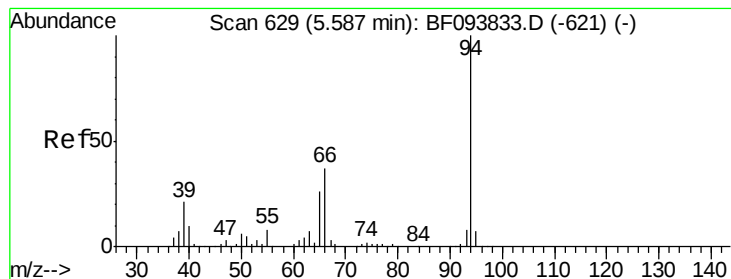
#9
Benzaldehyde
Concen: 13.61 ng
RT: 5.40 min Scan# 598
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

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): BF0
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 :

BNA_F

ClientSampleId :

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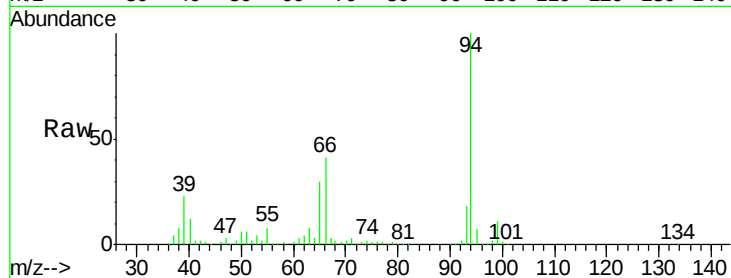
Tgt Ion: 94 Resp: 605323

Ion Ratio Lower Upper

94 100

65 29.8 9.9 49.9

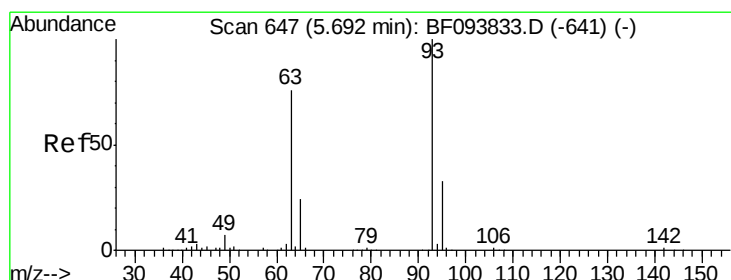
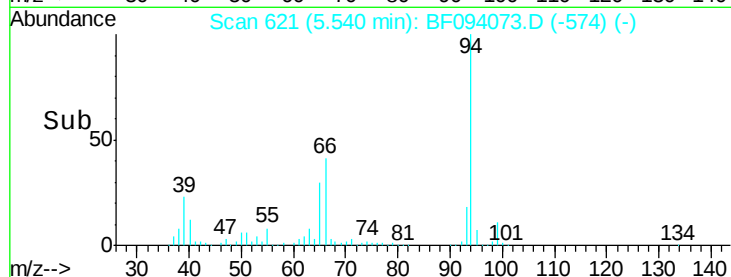
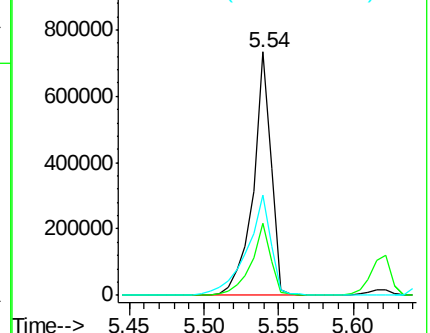
66 41.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 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

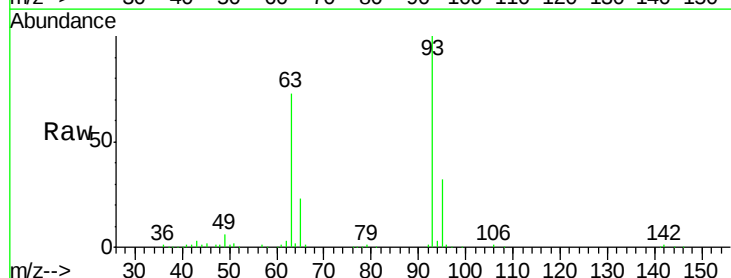
Tgt Ion: 93 Resp: 486610

Ion Ratio Lower Upper

93 100

63 73.1 59.2 99.2

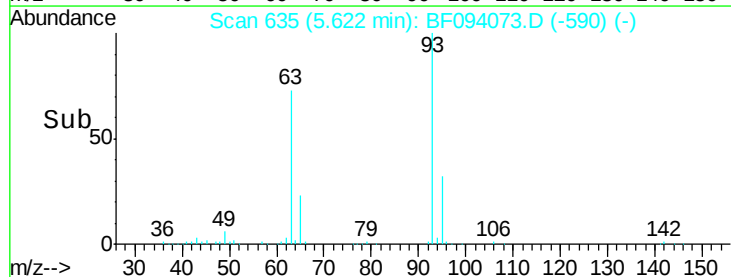
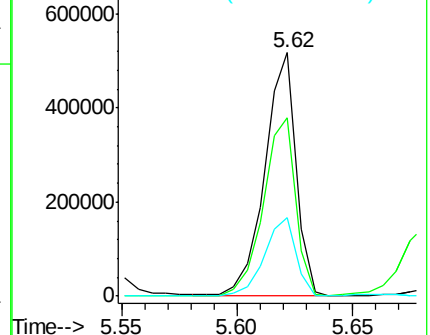
95 32.0 12.8 52.8

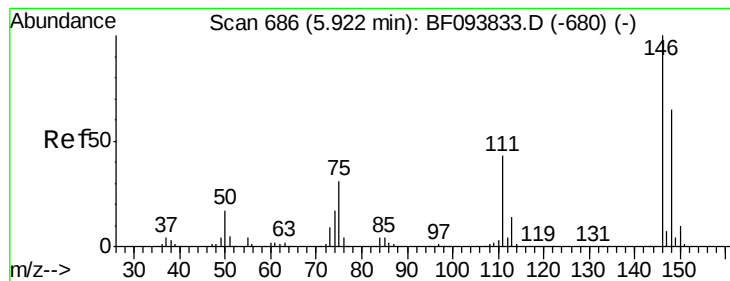


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 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

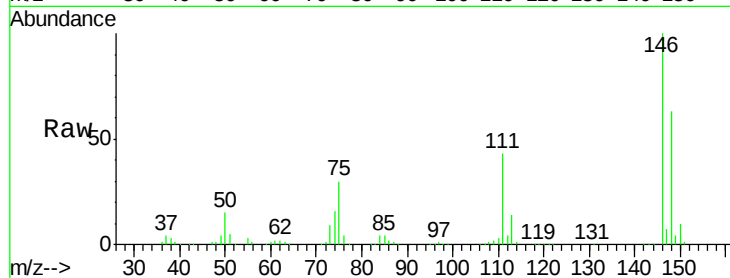
Tgt Ion:146 Resp: 538180

Ion Ratio Lower Upper

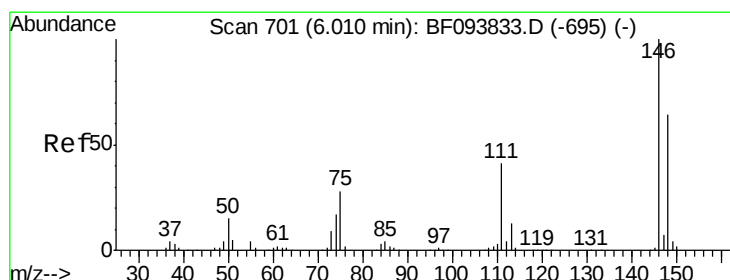
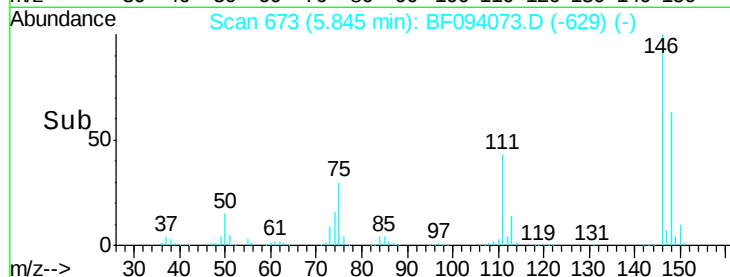
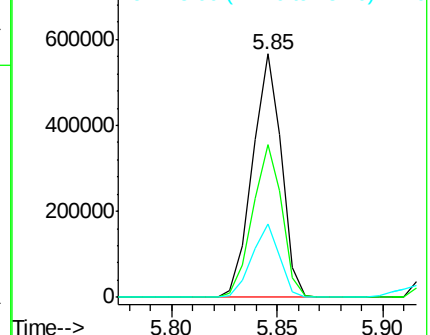
146 100

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



#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

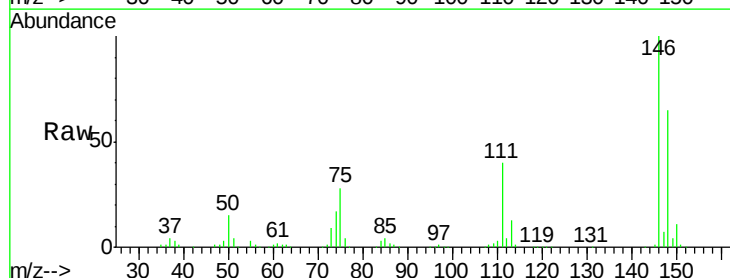
Tgt Ion:146 Resp: 546944

Ion Ratio Lower Upper

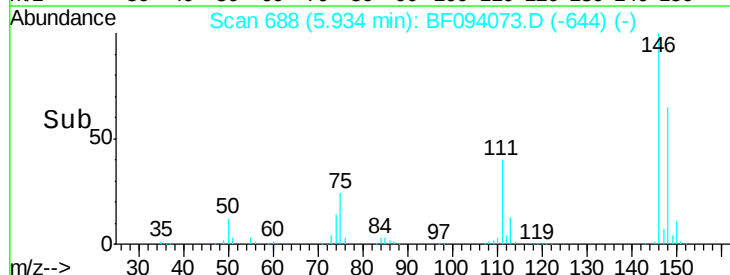
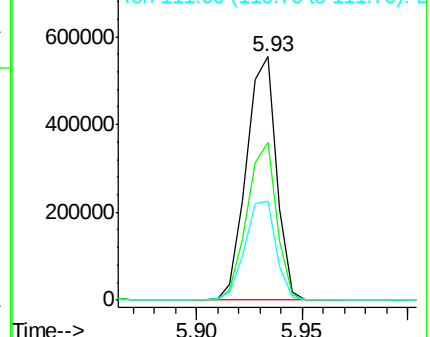
146 100

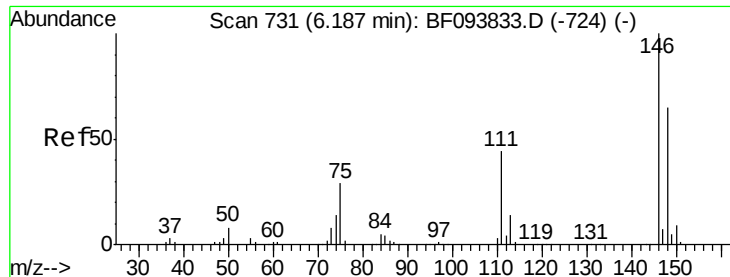
148 64.8 52.2 78.2

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

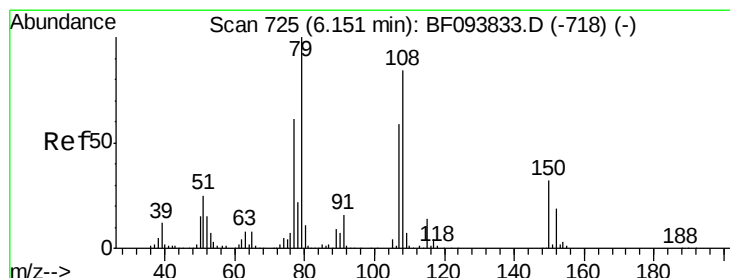
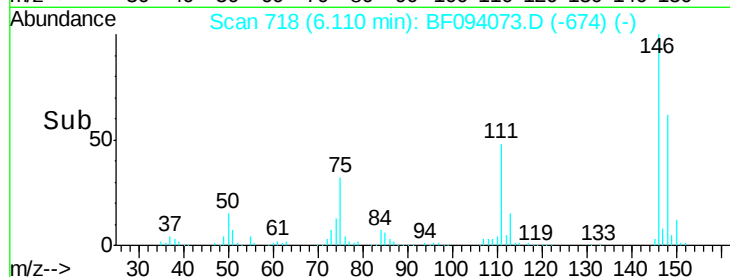
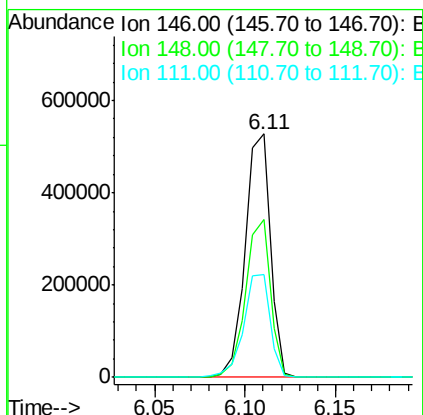
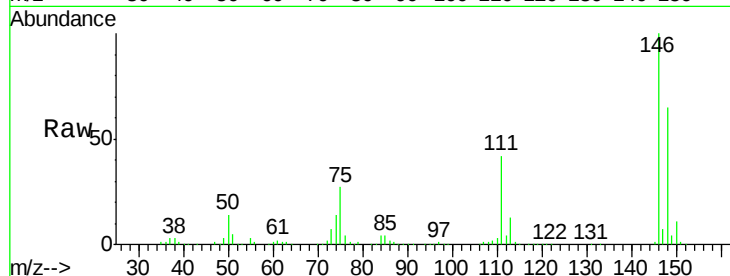




#14
 1,2-Dichlorobenzene
 Concen: 39.49 ng
 RT: 6.11 min Scan# 718
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

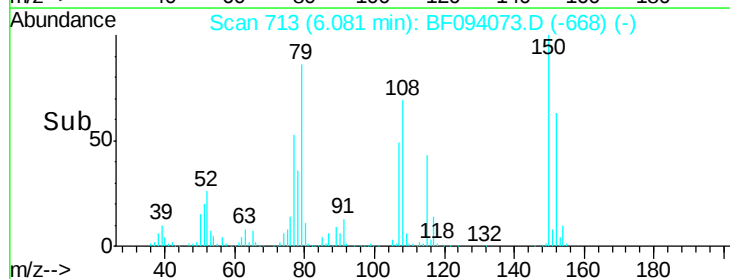
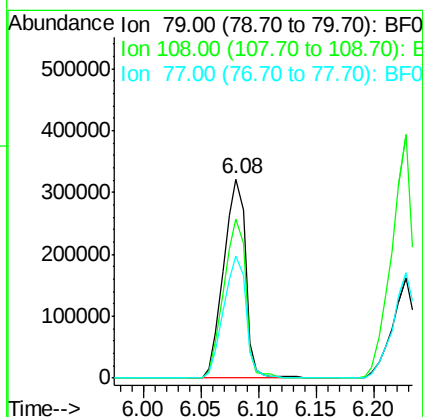
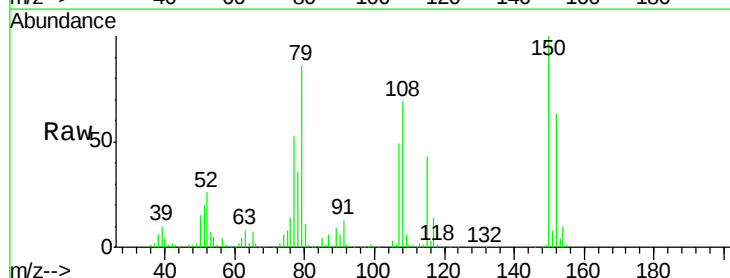
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

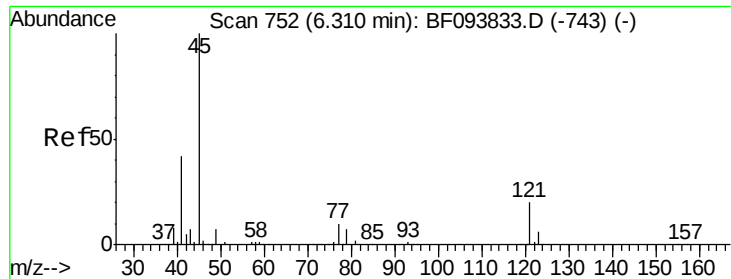
Tgt Ion: 146 Resp: 510236
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.4 75.6
 111 42.2 38.2 57.4



#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

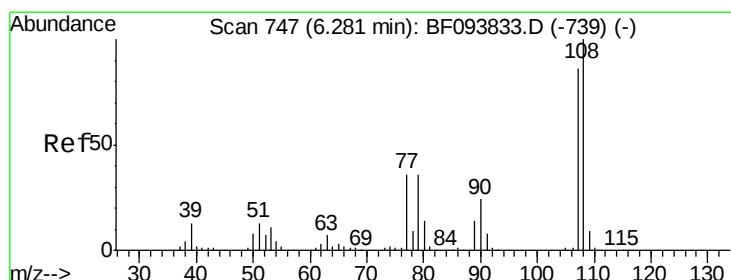
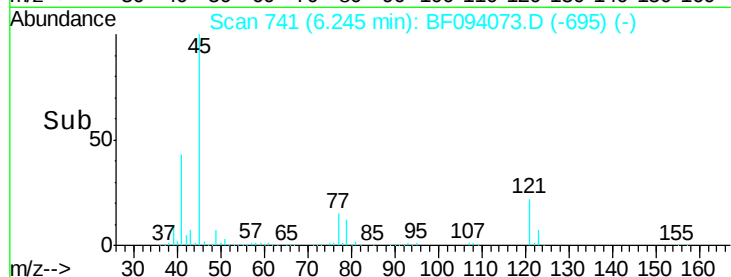
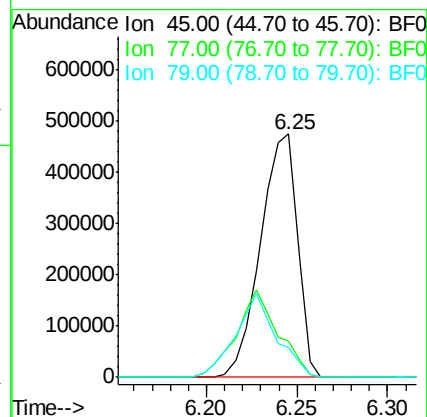
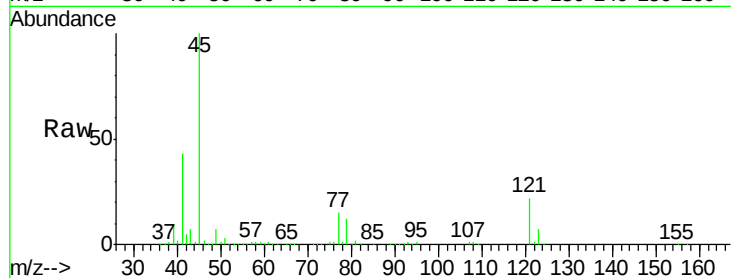




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.25 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

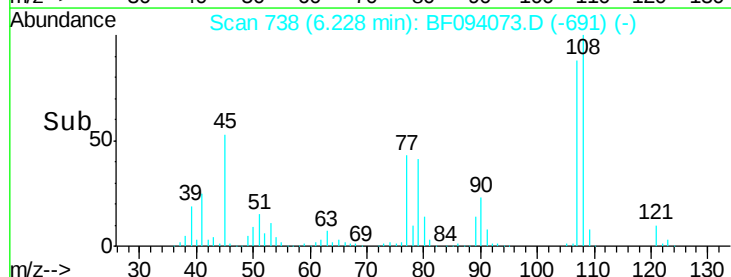
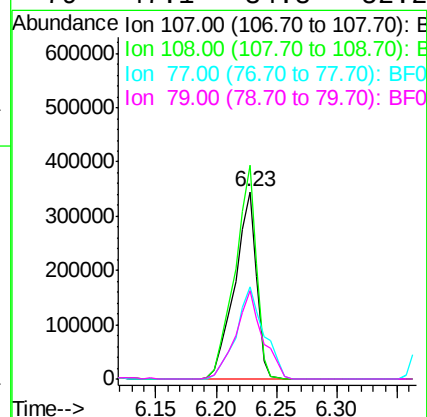
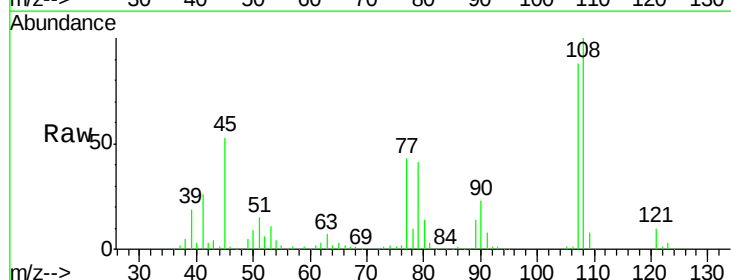
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

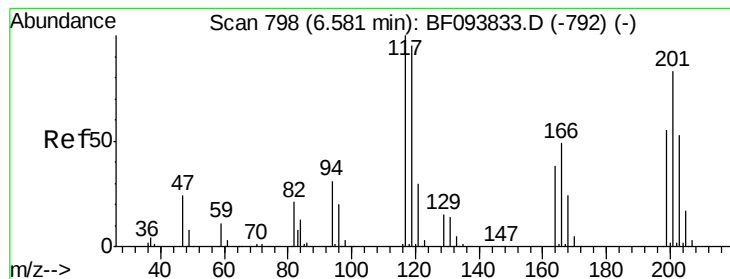
Tgt Ion: 45 Resp: 671388
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.2
79 12.0 0.0 30.0



#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





#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

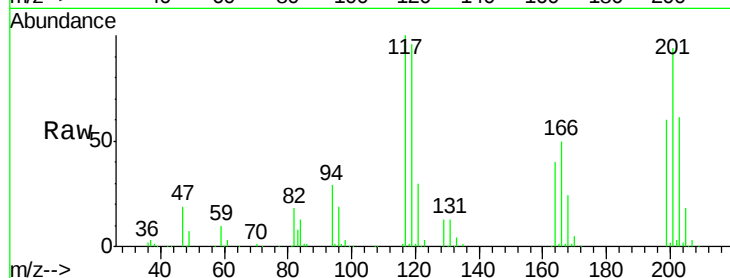
Tgt Ion:117 Resp: 191088

Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.0

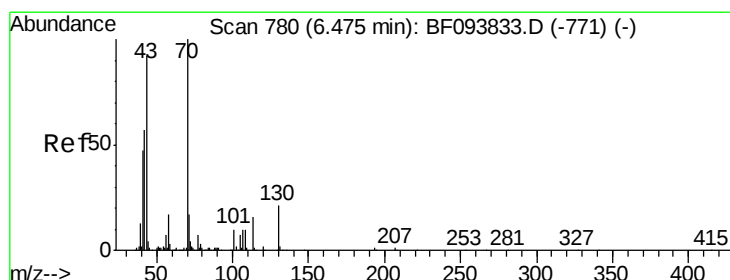
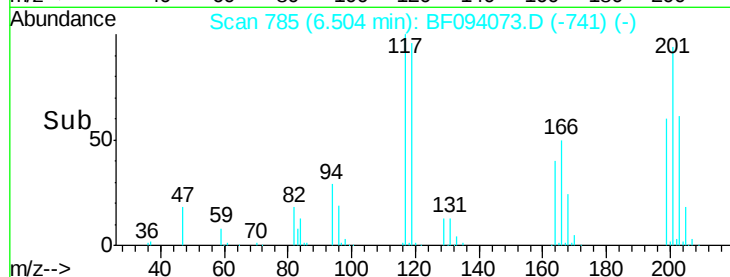
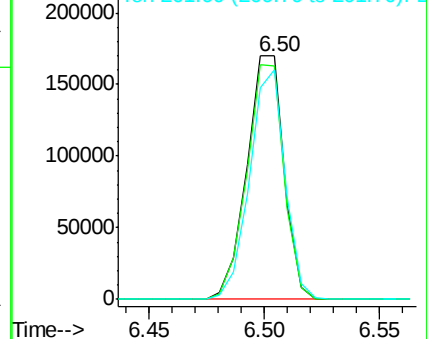
201 94.4 94.6 141.8#



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

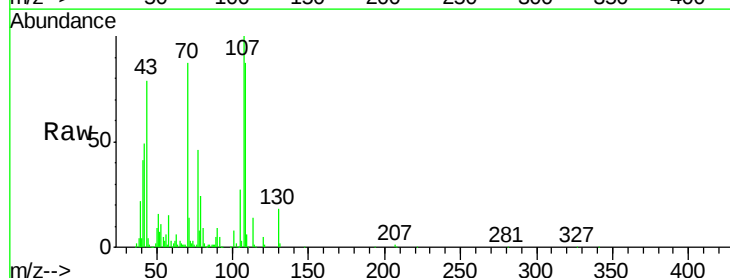
Ion Ratio Lower Upper

70 100

42 56.3 47.2 70.8

101 9.3 7.2 10.8

130 21.1 15.9 23.9

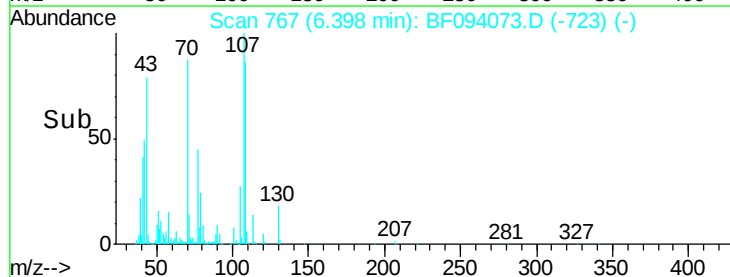
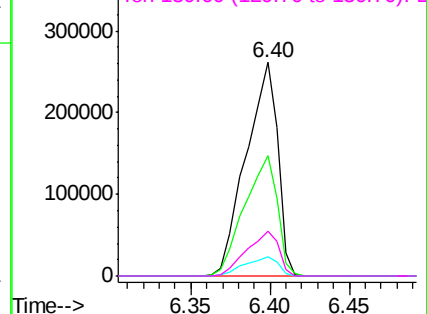


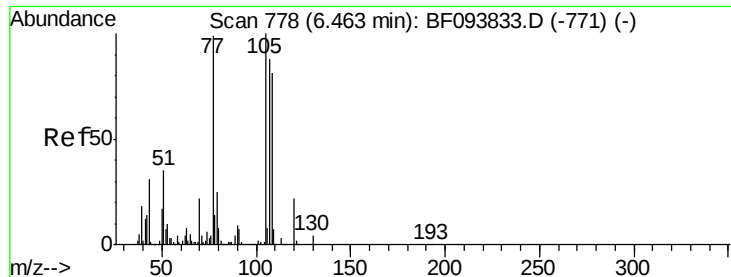
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

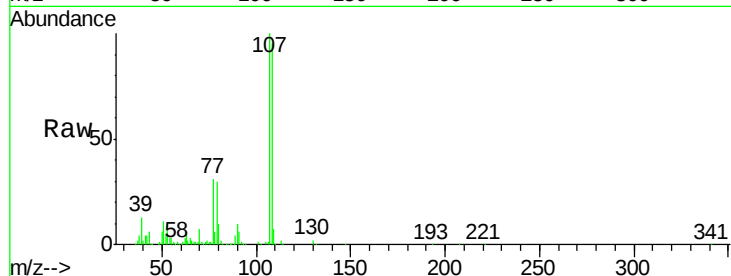




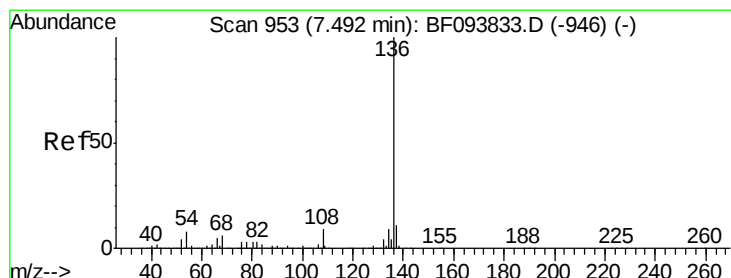
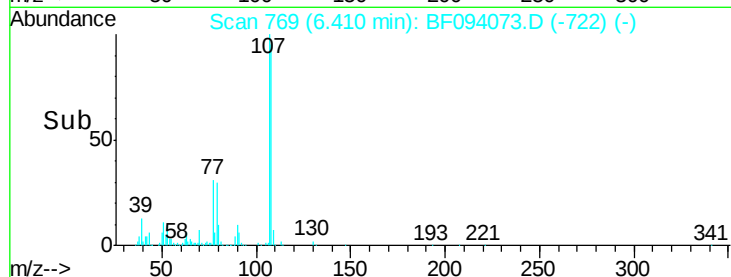
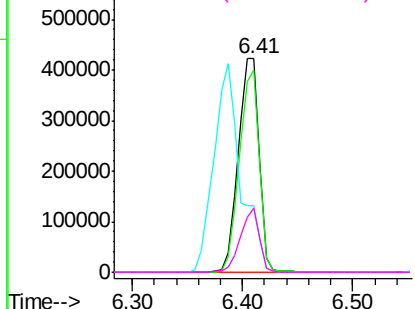
#20
3+4-Methylphenols
Concen: 43.96 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

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

Tgt 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

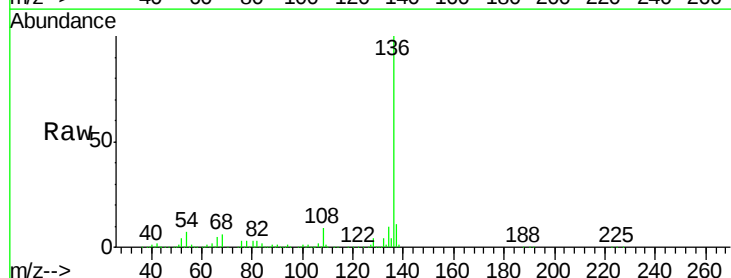


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

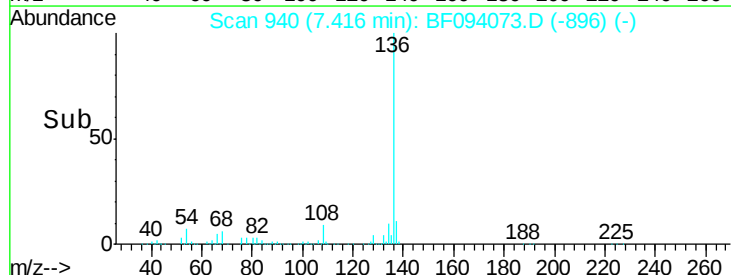
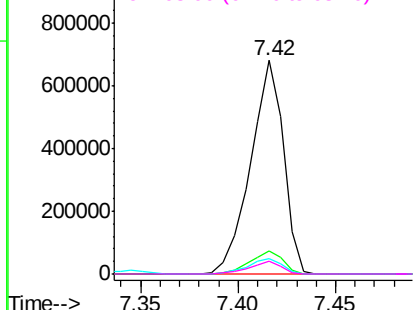


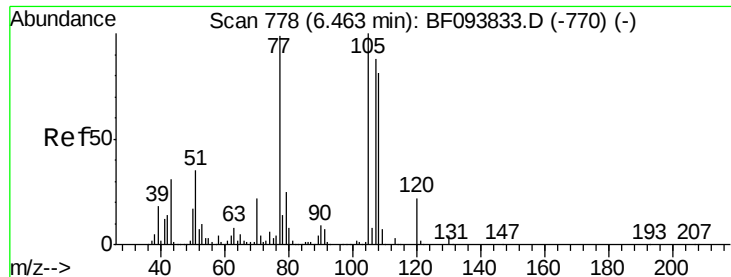
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

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

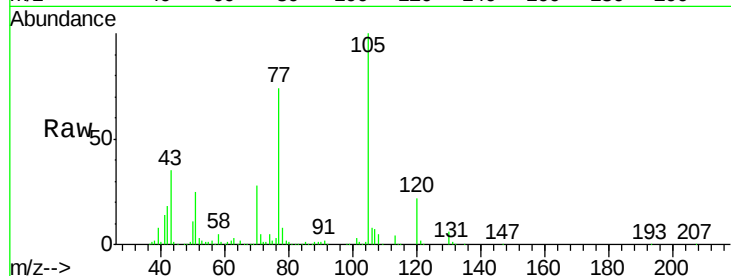




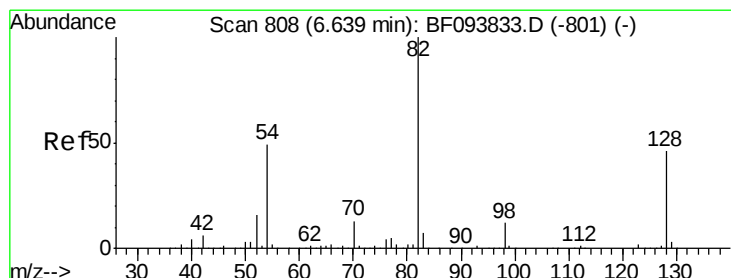
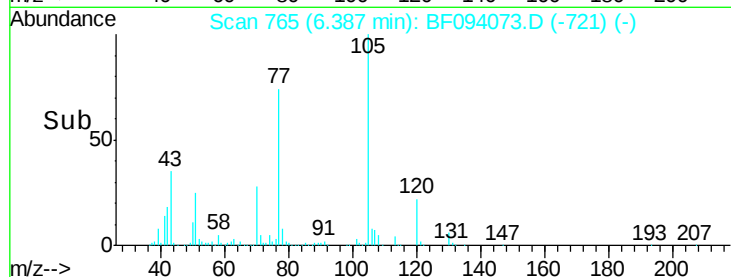
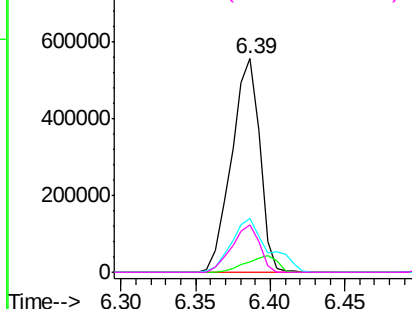
#22
Acetophenone
Concen: 41.84 ng
RT: 6.39 min Scan# 765
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

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

Tgt 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

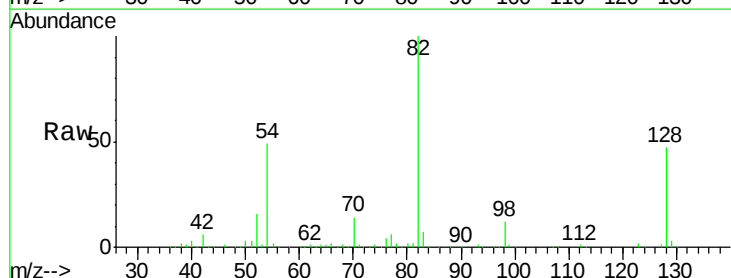


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

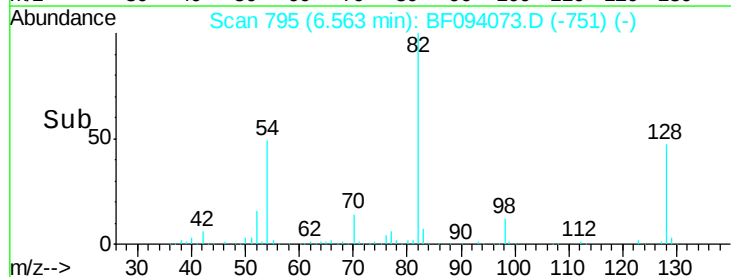
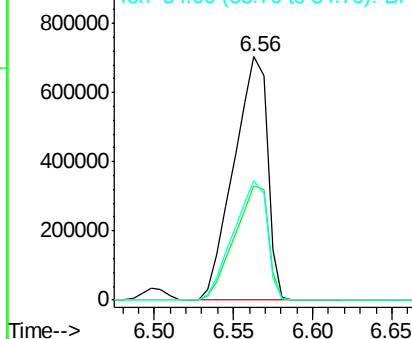


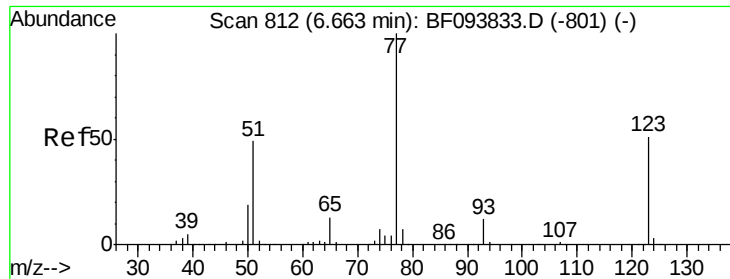
#23
Nitrobenzene-d5
Concen: 74.69 ng
RT: 6.56 min Scan# 795
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

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

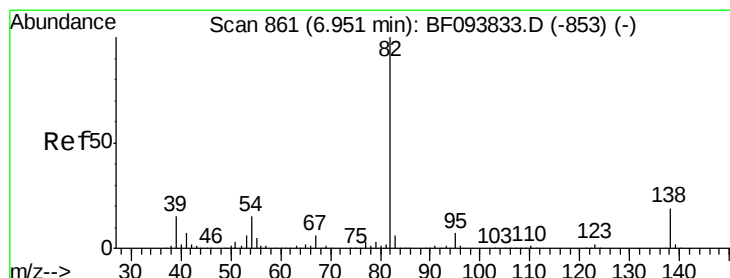
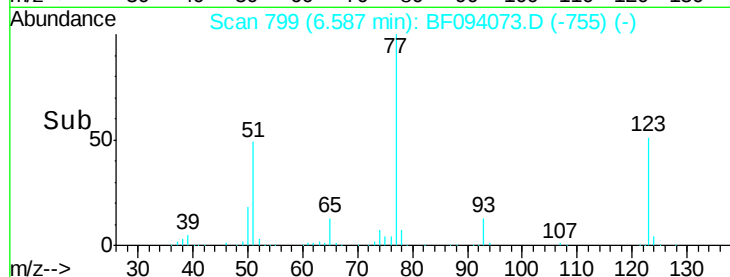
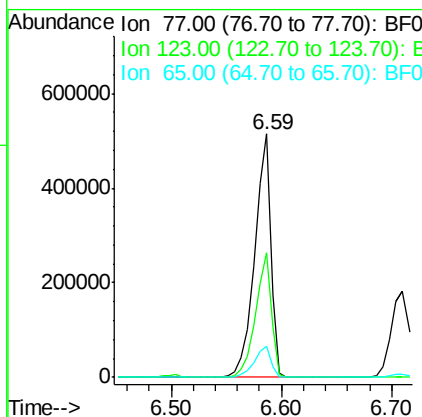
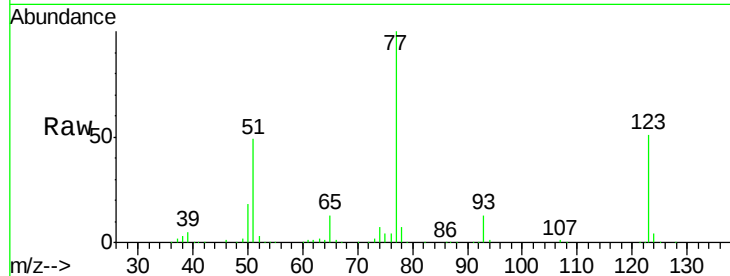




#24
Nitrobenzene
Concen: 38.72 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

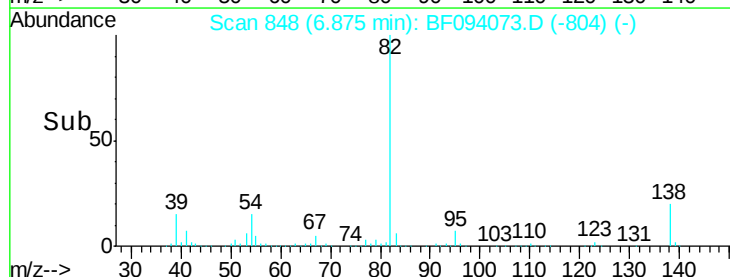
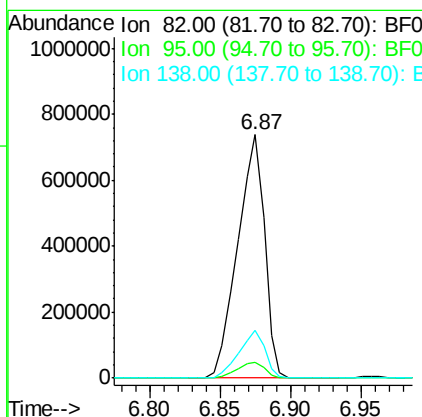
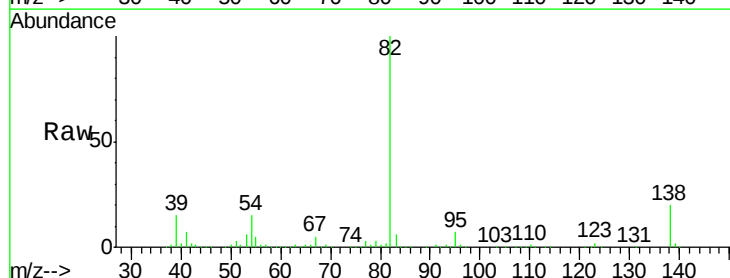
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

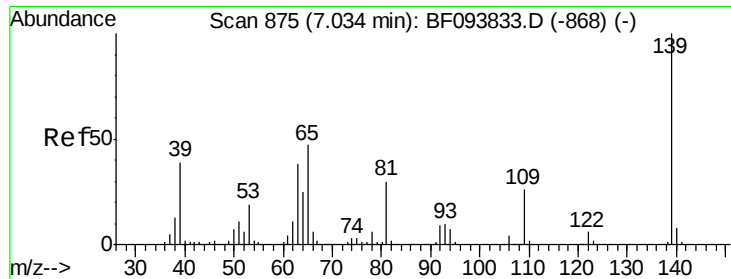
Tgt Ion: 77 Resp: 530082
Ion Ratio Lower Upper
77 100
123 51.3 35.8 53.8
65 12.7 10.6 15.8



#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

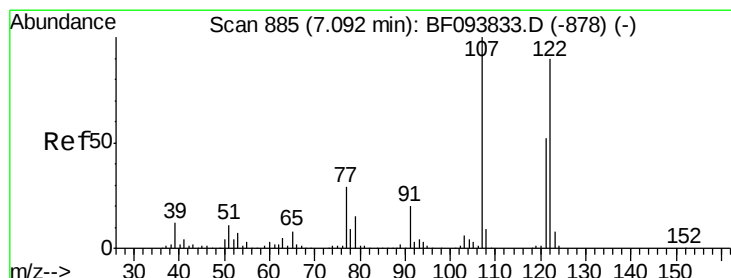
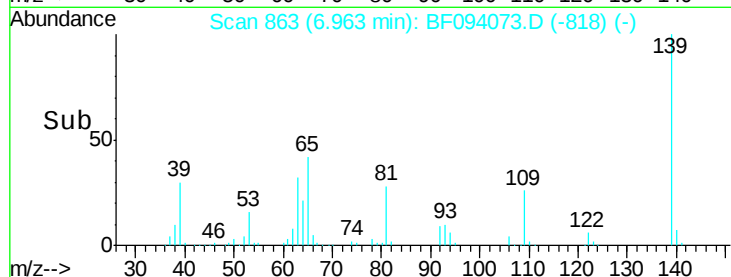
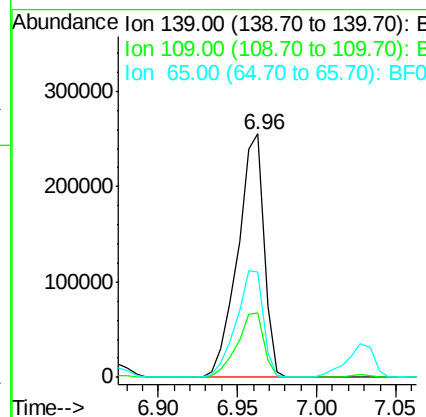
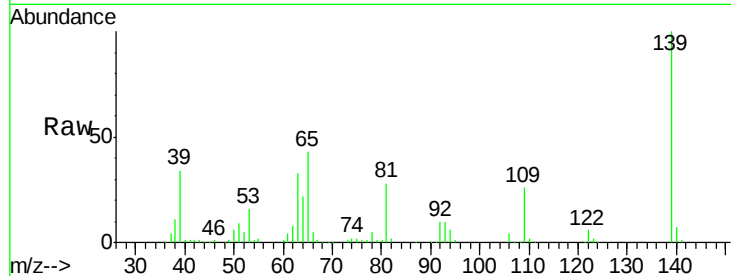




#26
 2-Nitrophenol
 Concen: 44.96 ng
 RT: 6.96 min Scan# 863
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

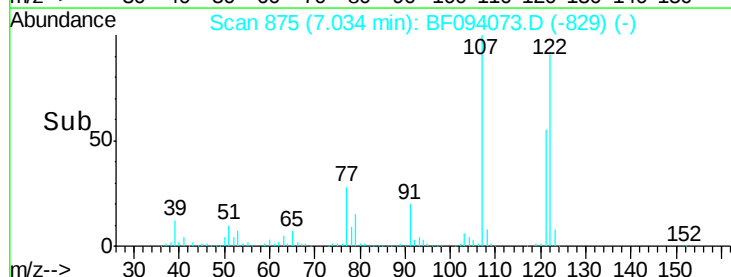
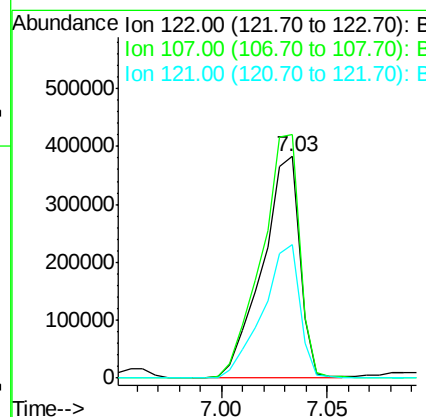
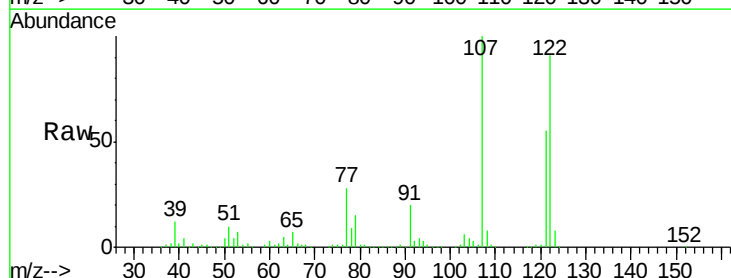
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

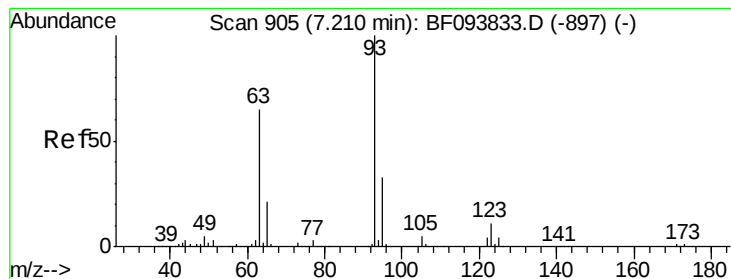
Tgt Ion:139 Resp: 293486
 Ion Ratio Lower Upper
 139 100
 109 26.3 21.0 31.6
 65 43.0 33.0 49.6



#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





#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

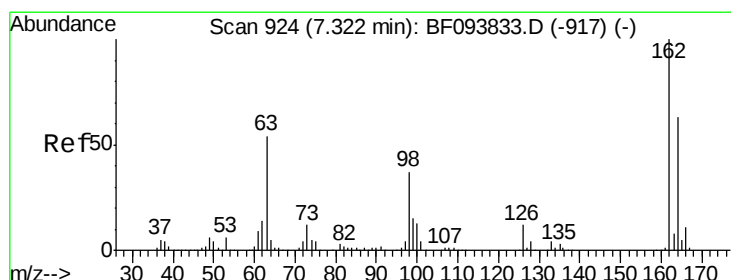
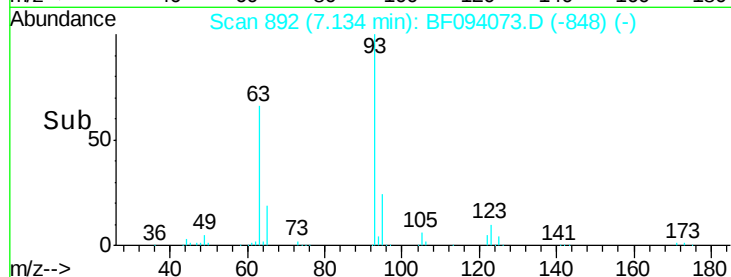
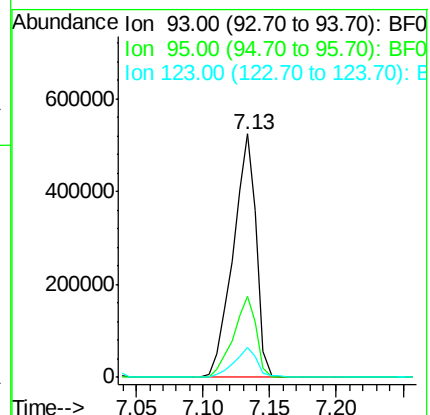
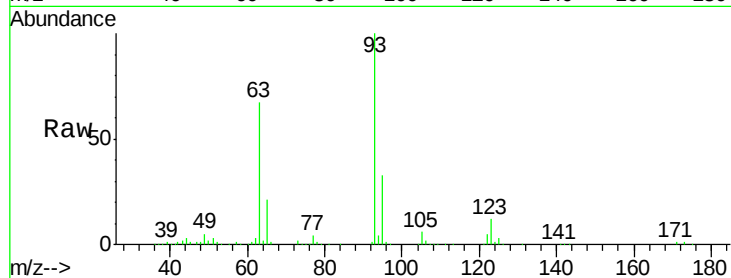
Tgt Ion: 93 Resp: 635700

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

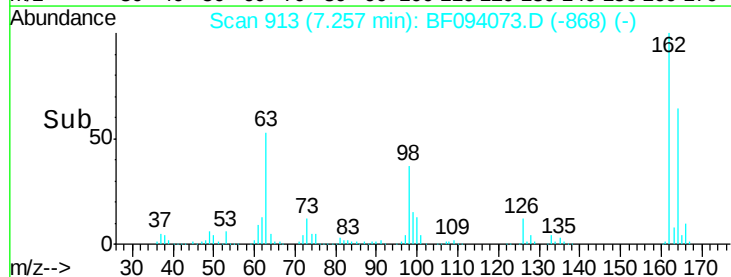
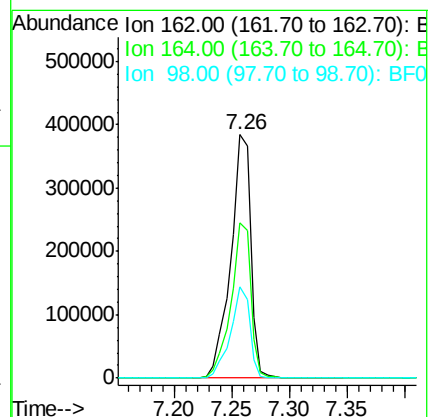
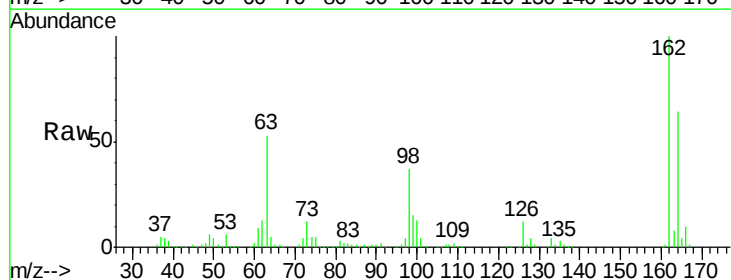
Tgt Ion: 162 Resp: 463556

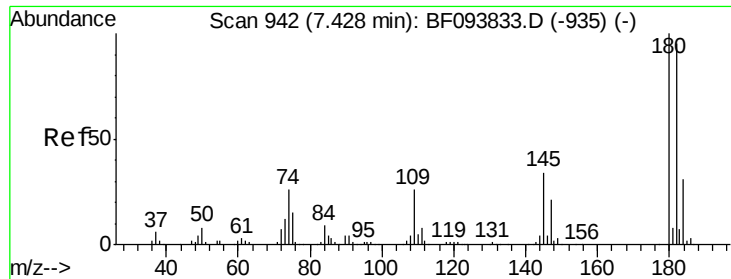
Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

98 37.5 14.8 54.8

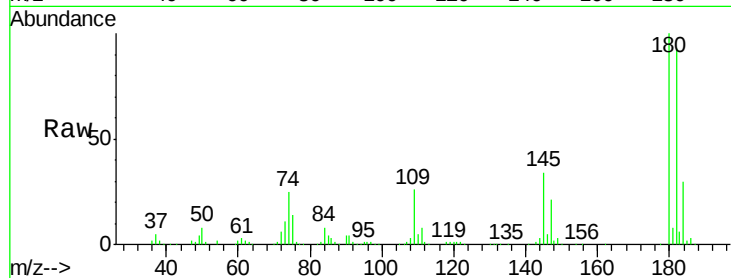




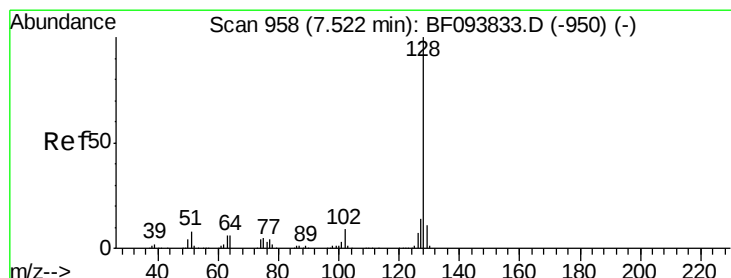
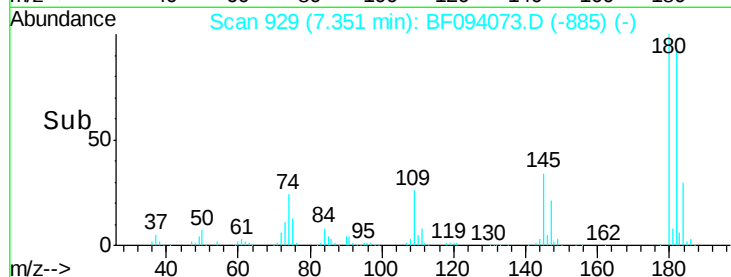
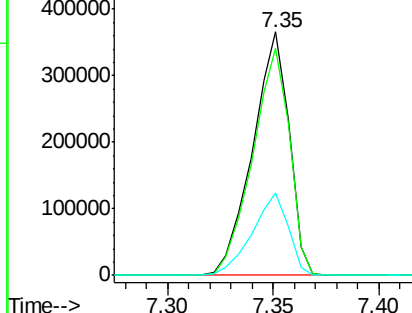
#30
 1,2,4-Trichlorobenzene
 Concen: 40.45 ng
 RT: 7.35 min Scan# 929
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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

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

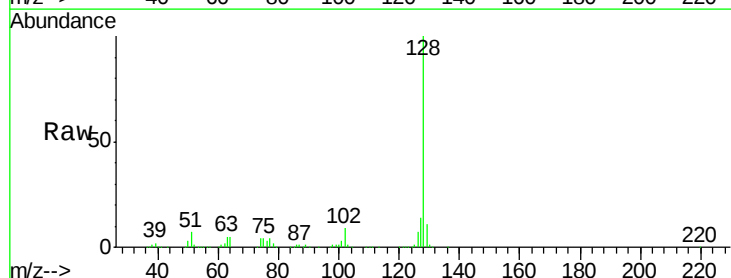


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

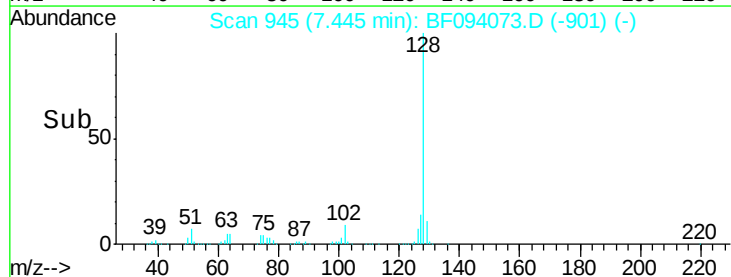
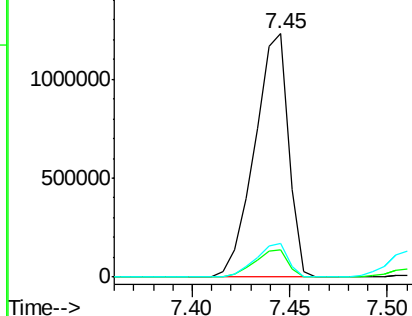


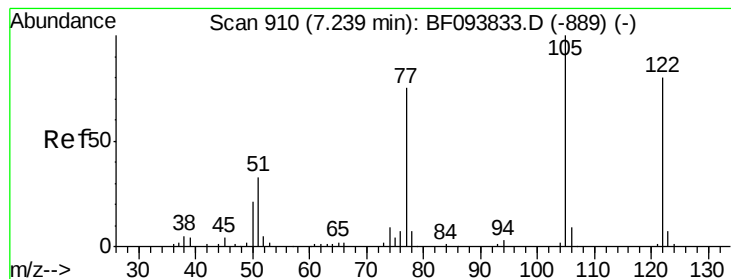
#31
 Naphthalene
 Concen: 38.74 ng
 RT: 7.45 min Scan# 945
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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

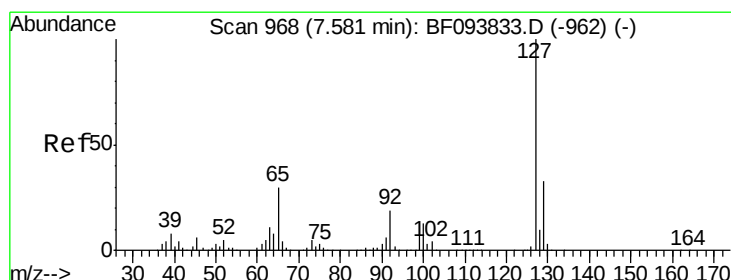
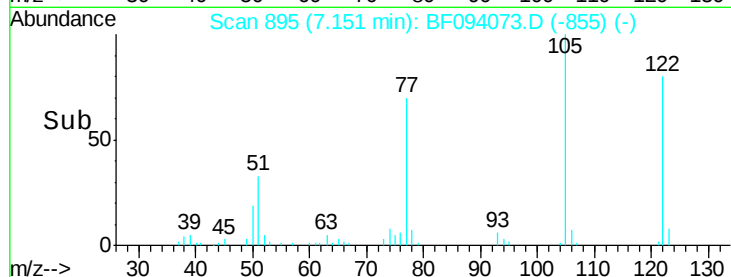
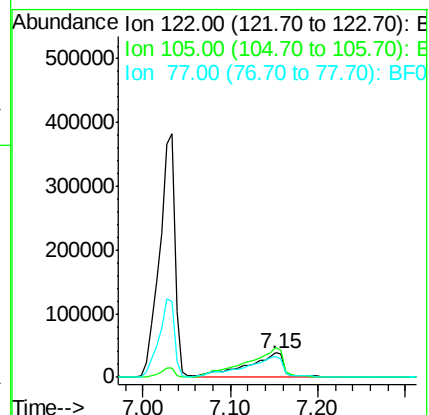
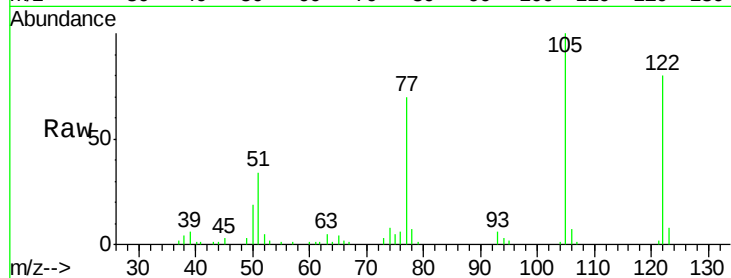
Tgt Ion:122 Resp: 111106

Ion Ratio Lower Upper

122 100

105 124.3 103.3 143.3

77 87.3 73.7 113.7



#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

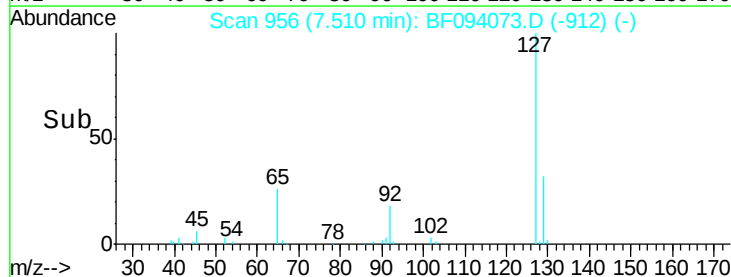
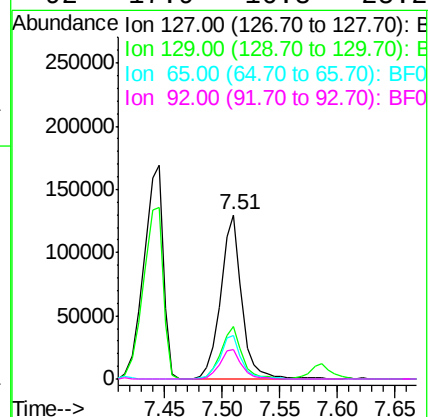
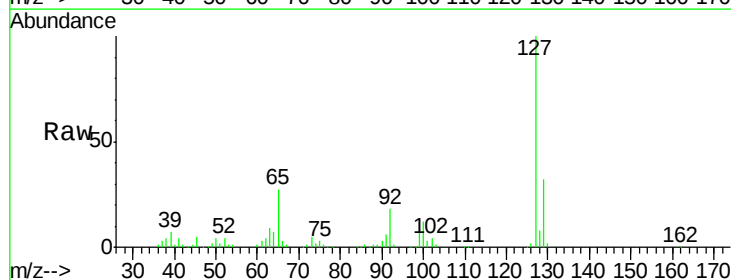
Ion Ratio Lower Upper

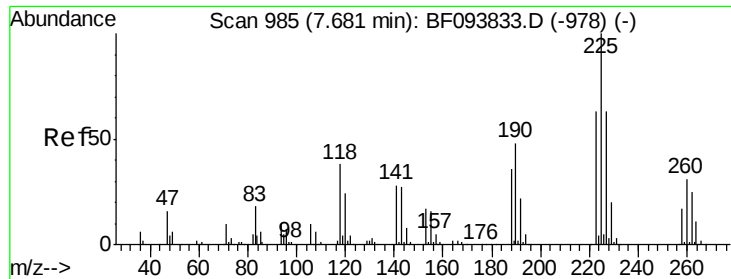
127 100

129 32.0 26.2 39.2

65 26.8 27.8 41.8#

92 17.9 16.8 25.2





#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

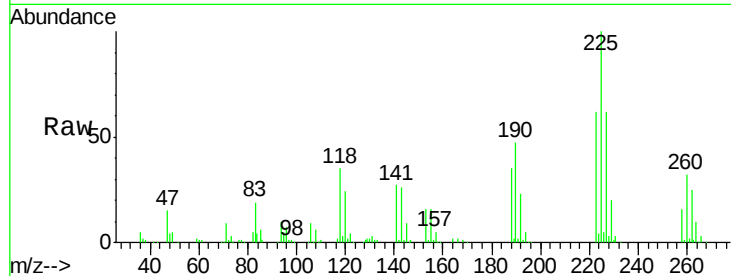
Tgt Ion:225 Resp: 218623

Ion Ratio Lower Upper

225 100

223 61.7 48.8 73.2

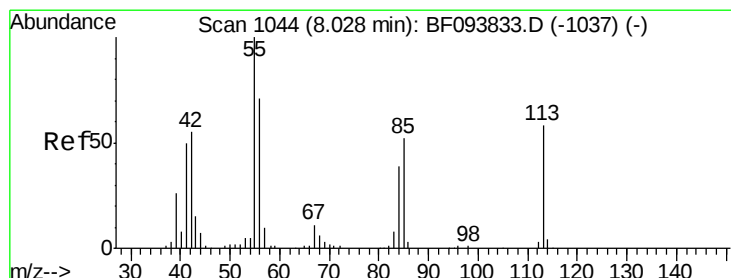
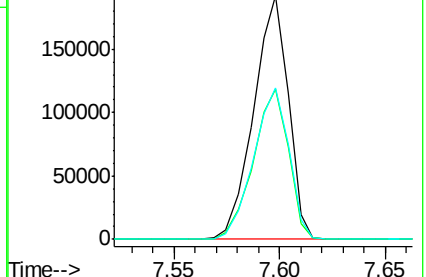
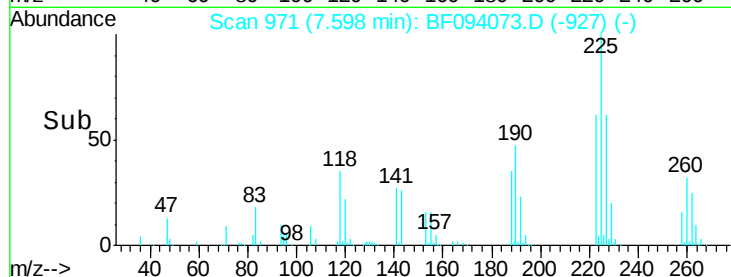
227 62.2 51.1 76.7



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: 31.66 ng m

RT: 7.95 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF094073.D

Acq: 30 Mar 2017 22:16

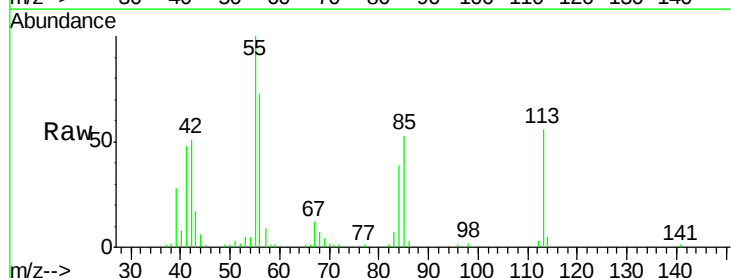
Tgt Ion:113 Resp: 106204

Ion Ratio Lower Upper

113 100

55 178.8 150.2 190.2

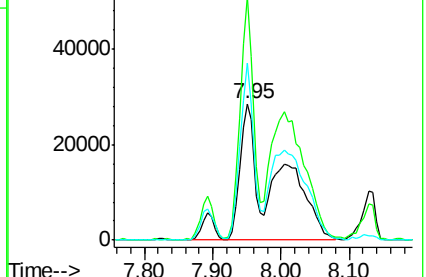
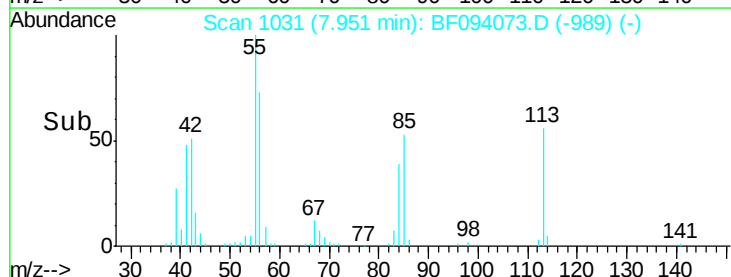
56 129.8 107.8 147.8

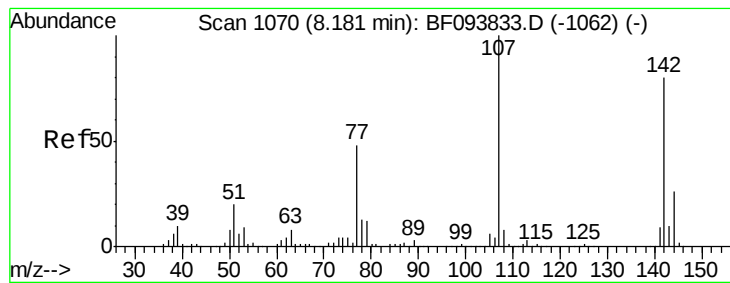


Abundance Ion 113.00 (112.70 to 113.70): E

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

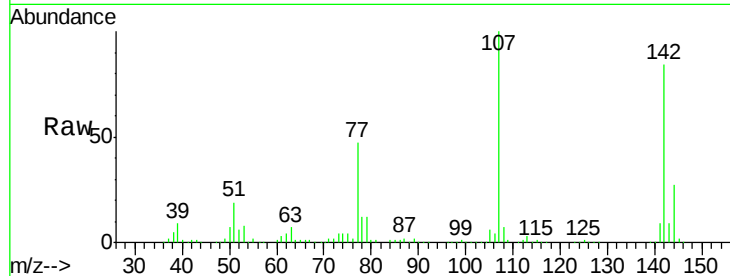
Tgt Ion:107 Resp: 480807

Ion Ratio Lower Upper

107 100

144 26.5 24.2 36.4

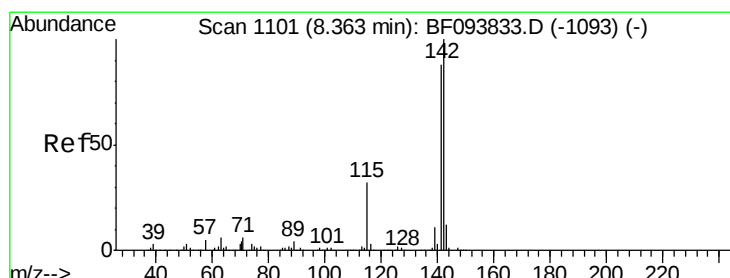
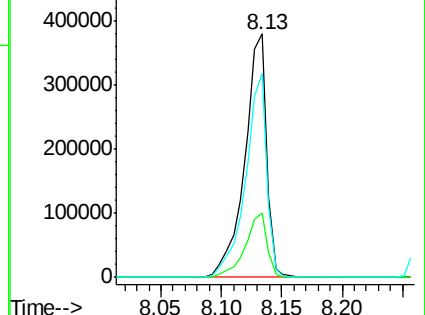
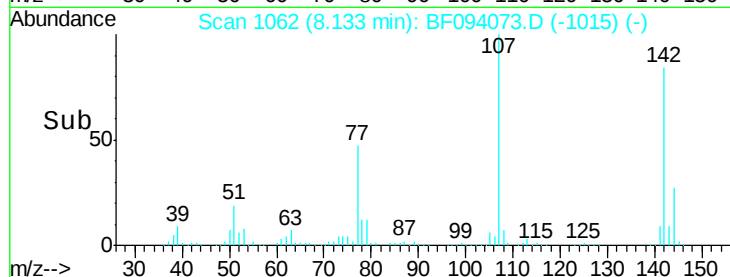
142 83.8 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 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

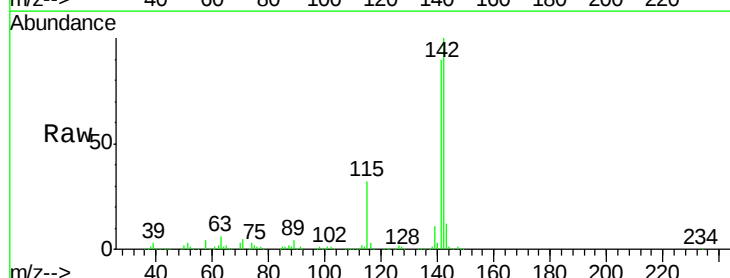
Tgt Ion:142 Resp: 1046520

Ion Ratio Lower Upper

142 100

141 89.6 71.3 106.9

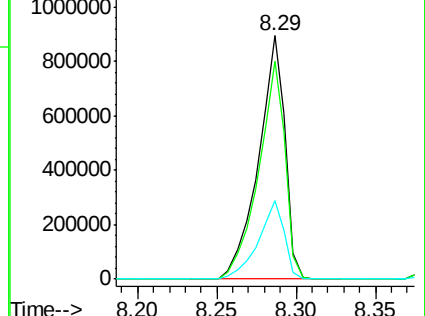
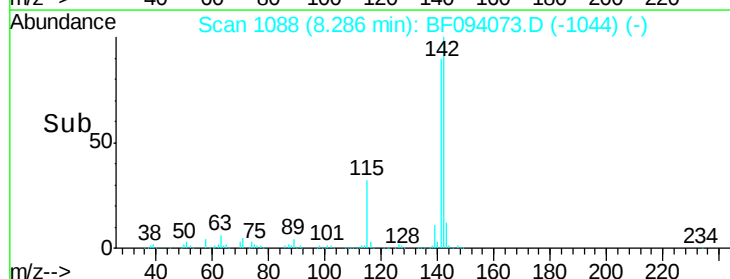
115 32.5 27.1 40.7

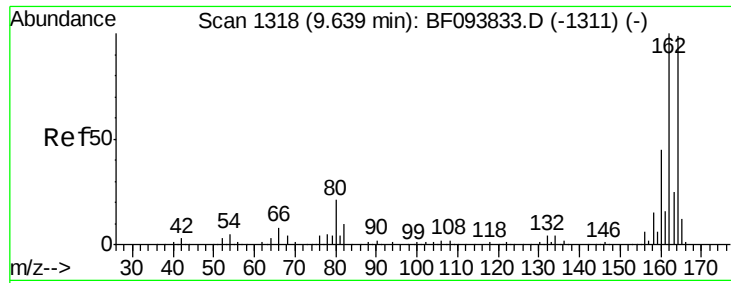


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

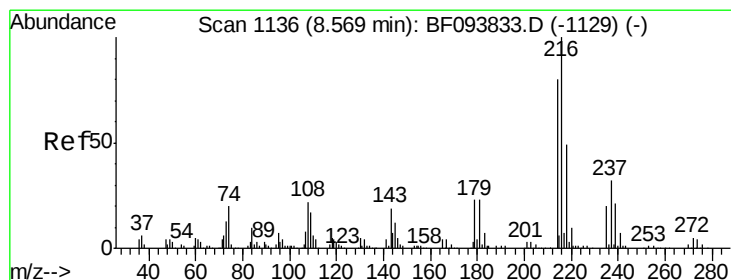
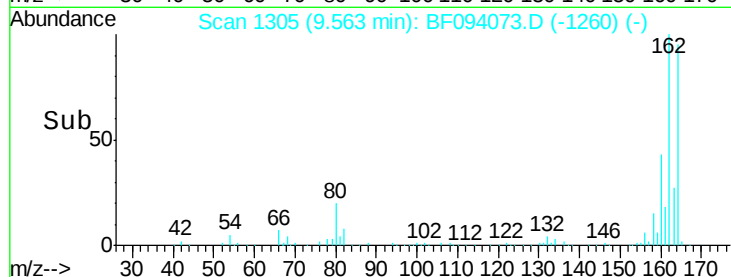
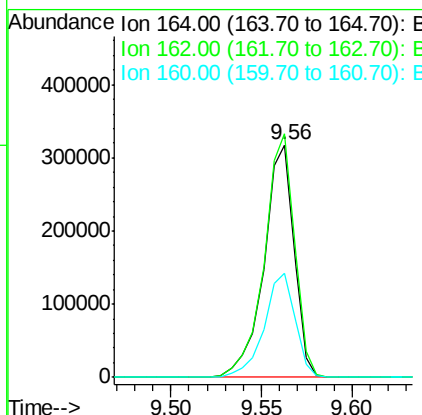
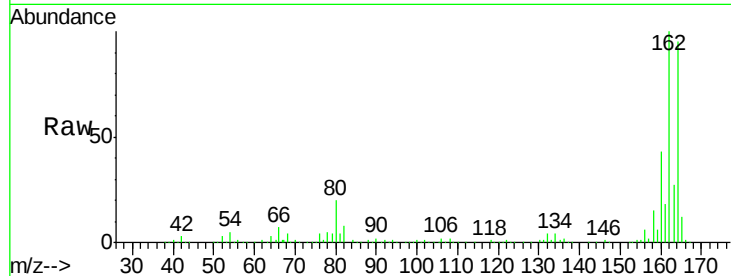




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

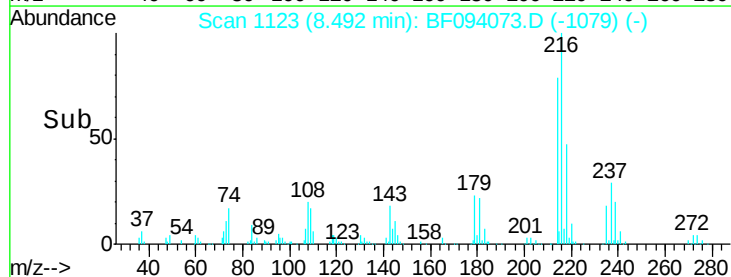
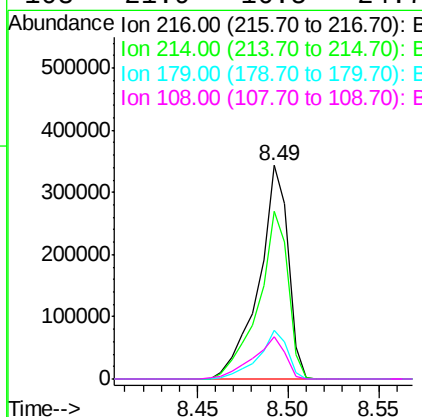
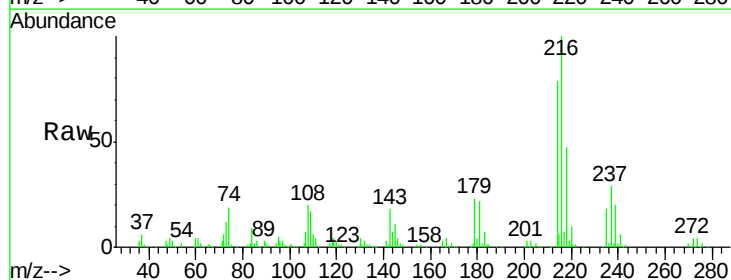
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

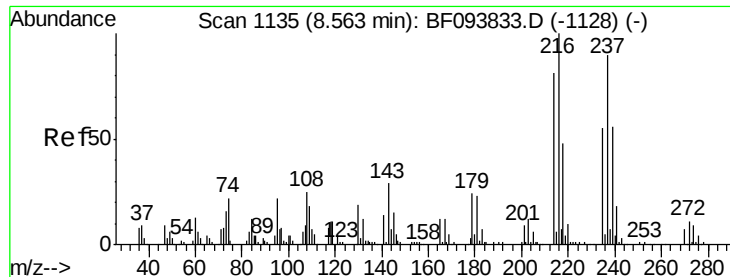
Tgt Ion:164 Resp: 368325
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 44.8 36.2 54.2



#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

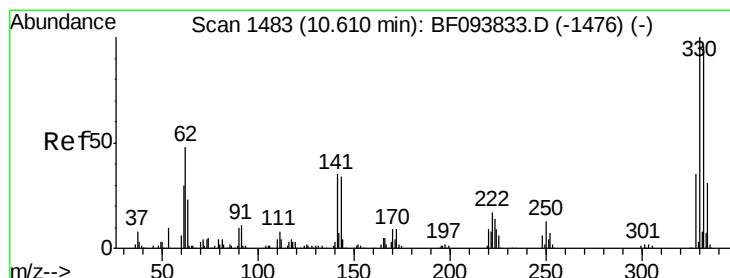
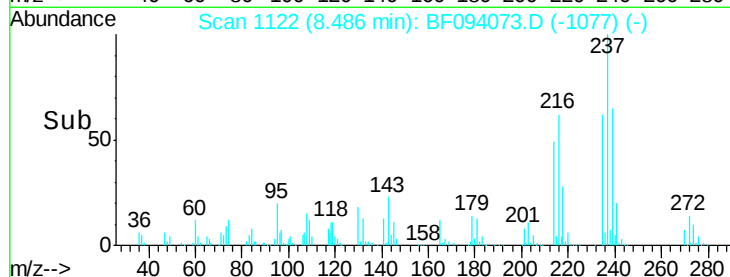
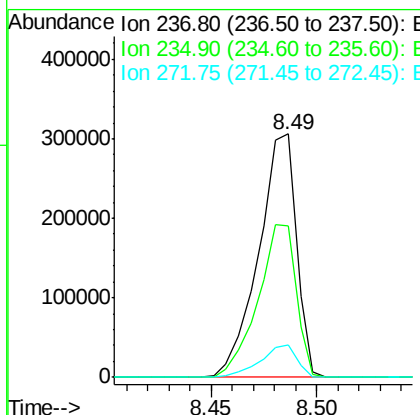
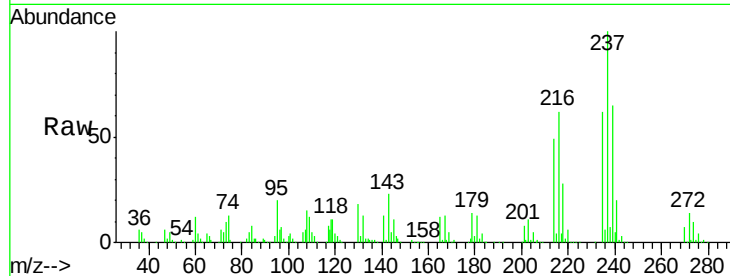




#40
Hexachlorocyclopentadiene
Concen: 80.94 ng
RT: 8.49 min Scan# 1122
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

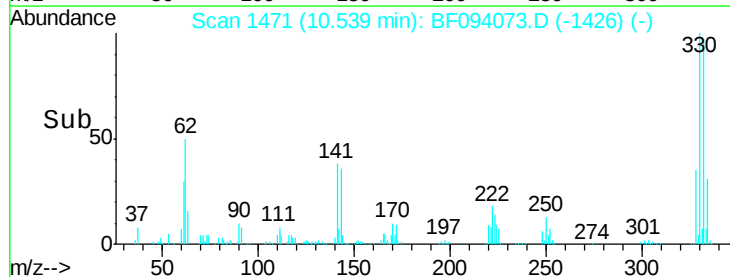
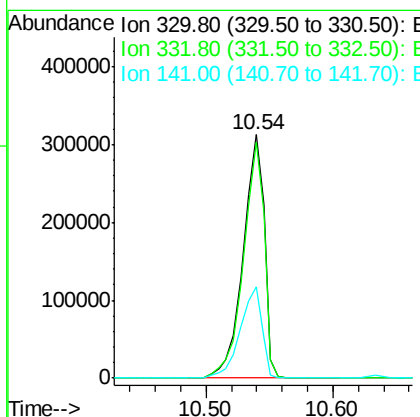
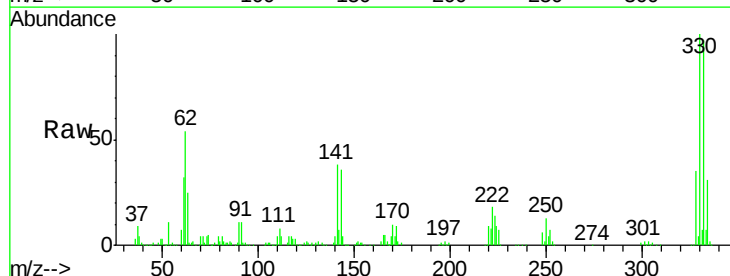
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

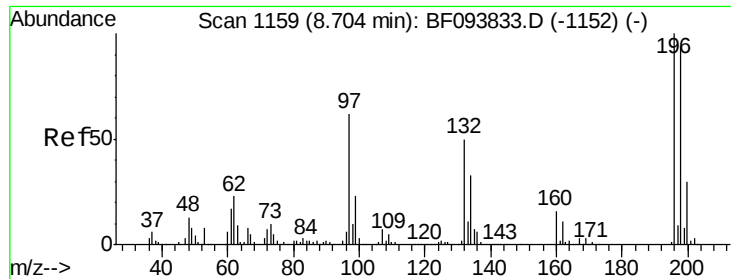
Tgt Ion:237 Resp: 381652
Ion Ratio Lower Upper
237 100
235 62.2 42.6 82.6
272 13.5 0.0 31.9



#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

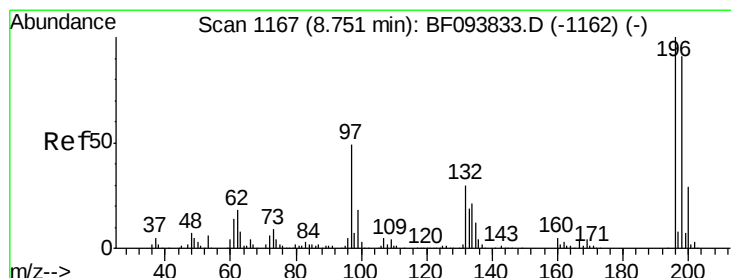
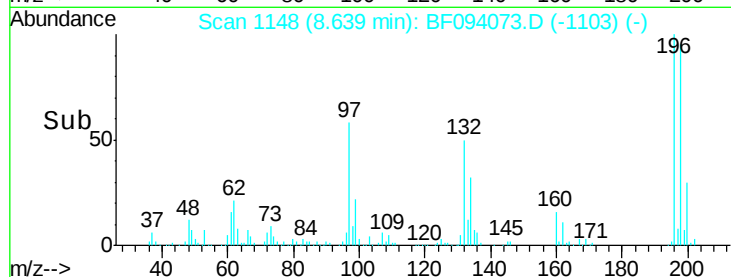
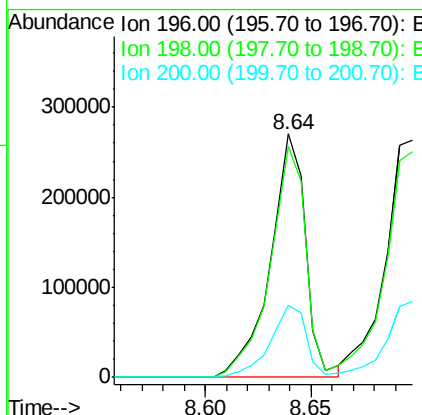
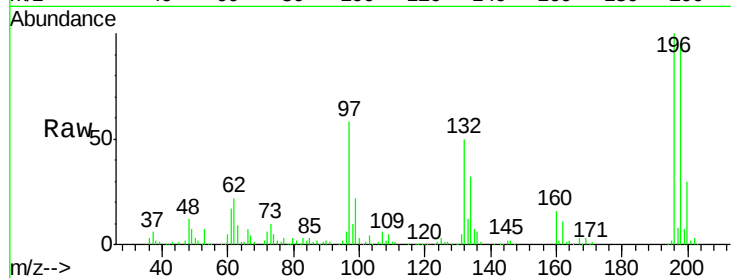




#42
 2,4,6-Trichlorophenol
 Concen: 44.16 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

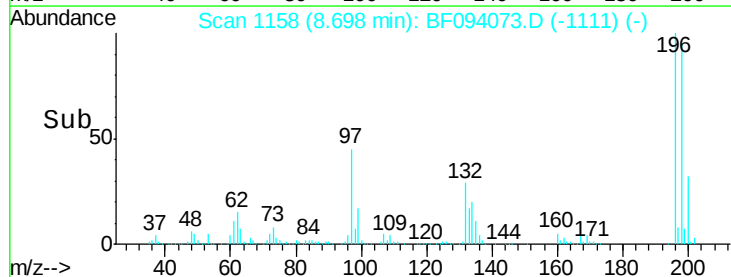
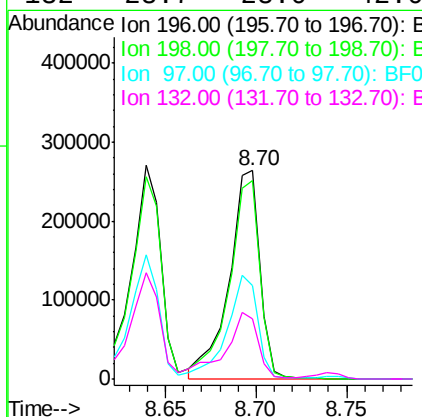
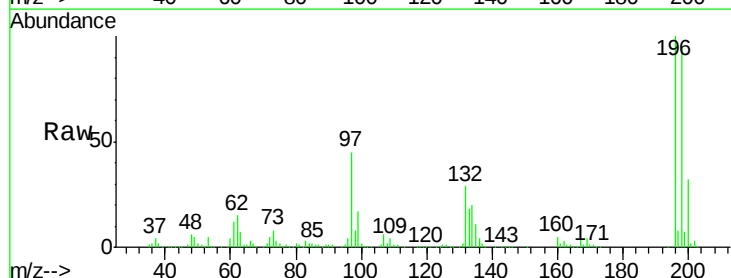
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

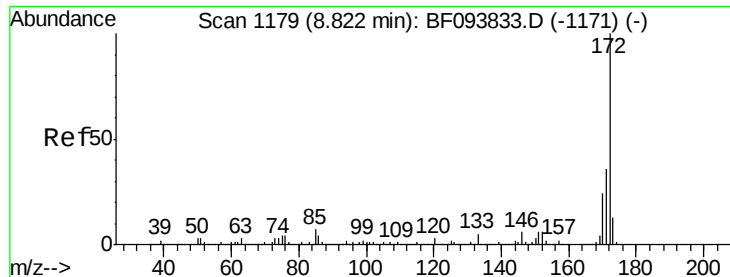
Tgt Ion:196 Resp: 314793
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.2 111.4
 200 29.7 24.0 36.0



#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

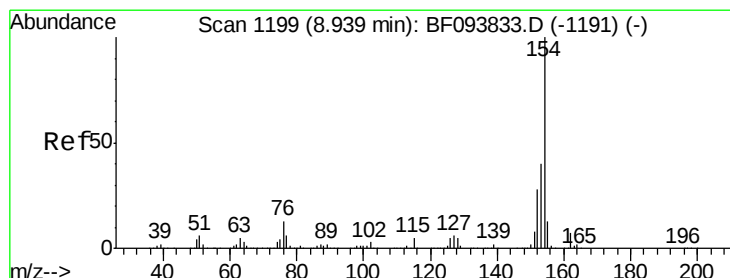
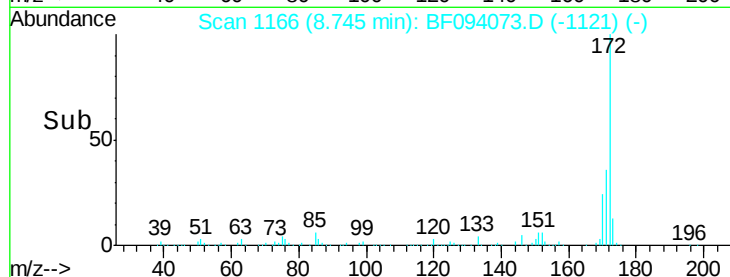
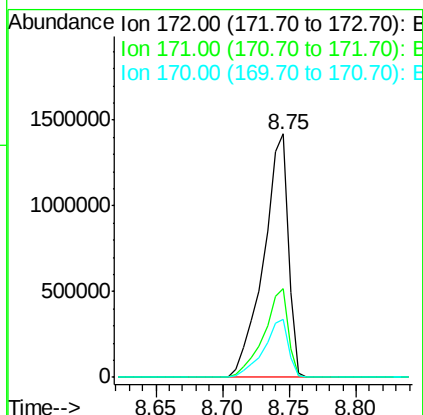
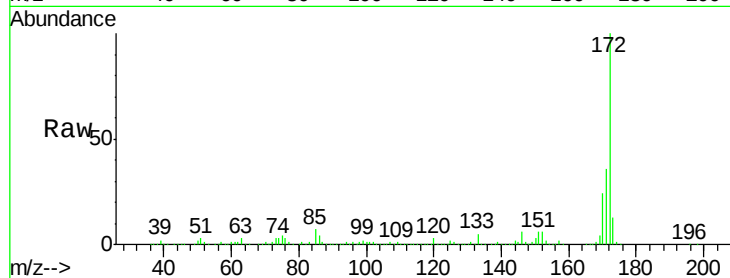




#44
2-Fluorobiphenyl
Concen: 75.55 ng
RT: 8.75 min Scan# 1166
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

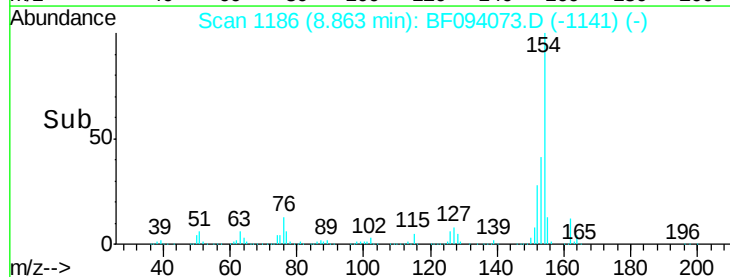
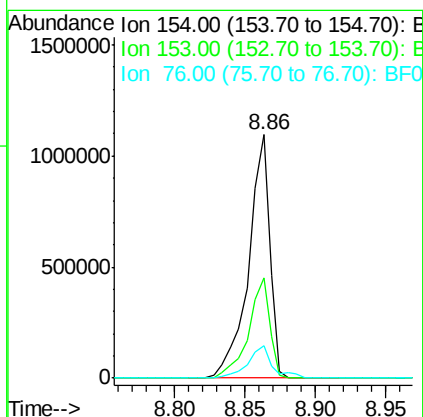
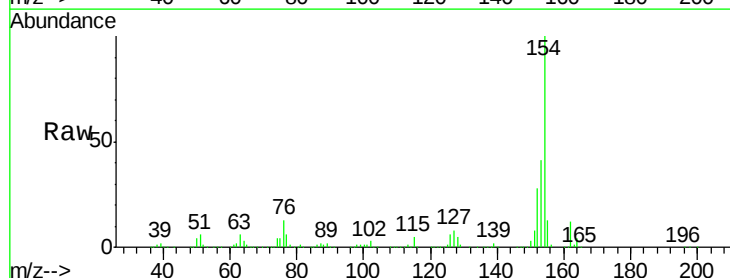
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

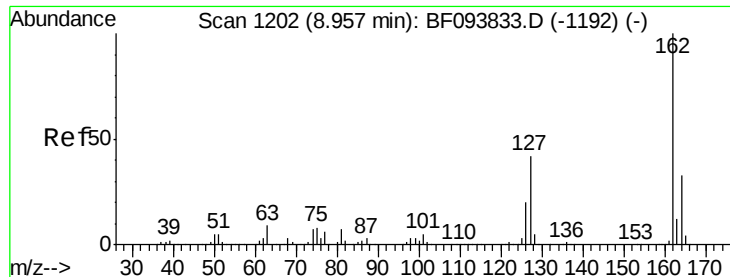
Tgt Ion:172 Resp: 1824310
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.1 19.8 29.8



#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

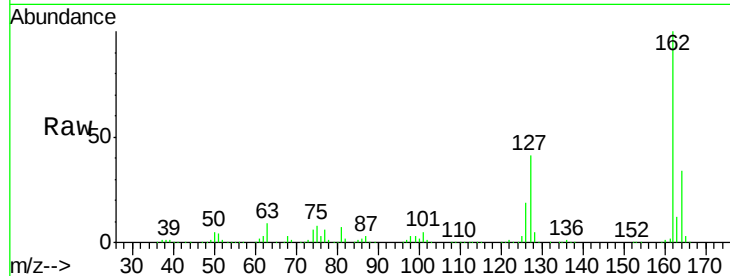




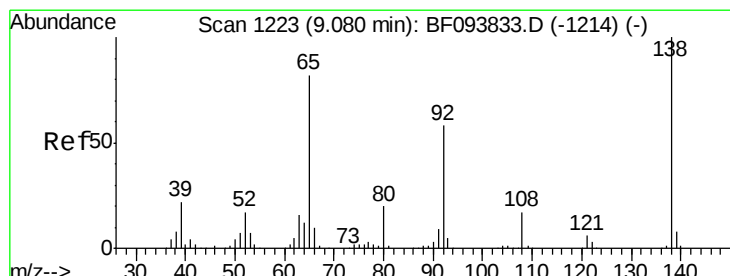
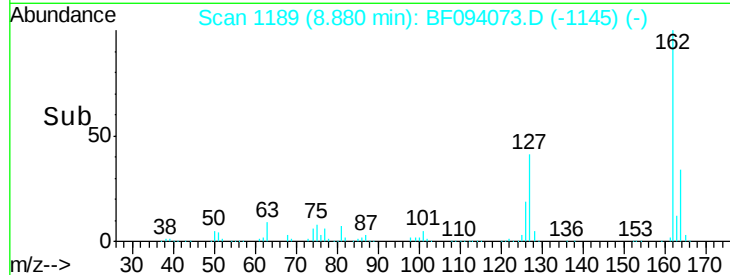
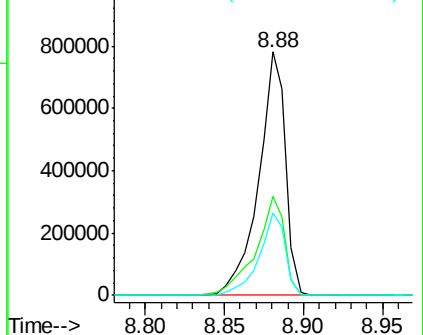
#46
 2-Chloronaphthalene
 Concen: 39.57 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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

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

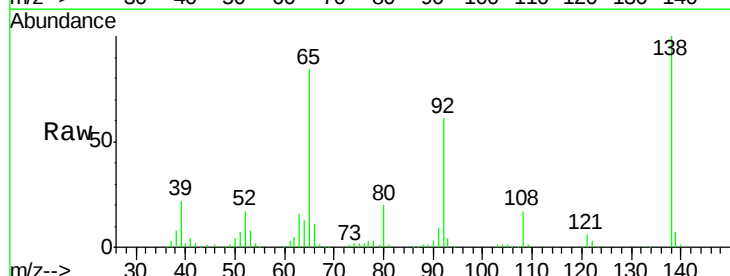


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

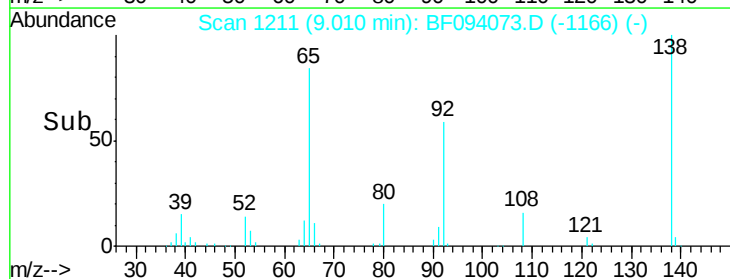
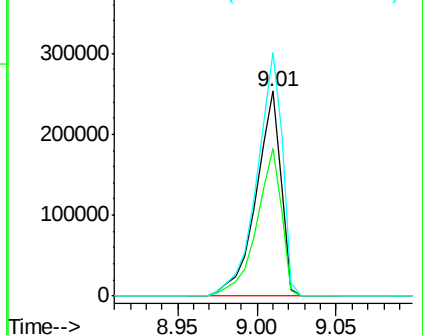


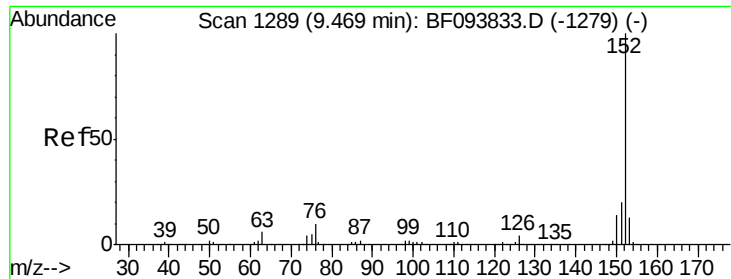
#47
 2-Nitroaniline
 Concen: 40.38 ng
 RT: 9.01 min Scan# 1211
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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

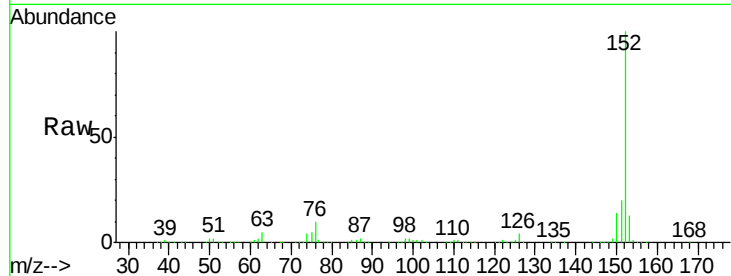
Tgt Ion:152 Resp: 1455103

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

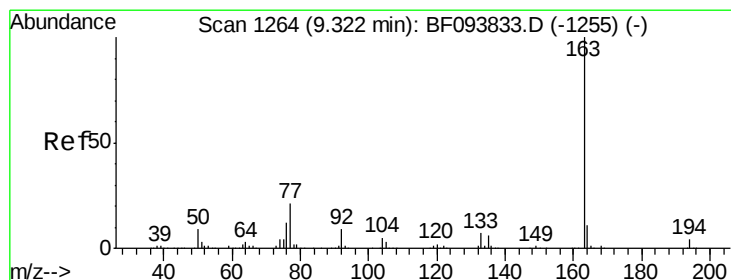
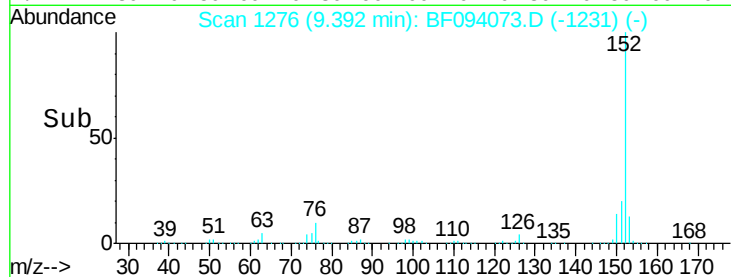
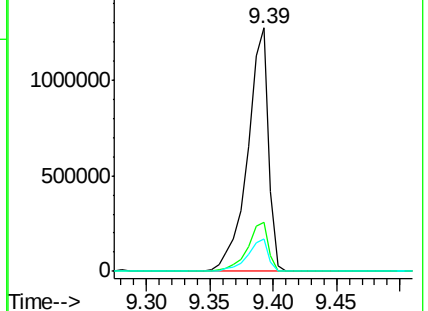
153 13.1 10.8 16.2



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

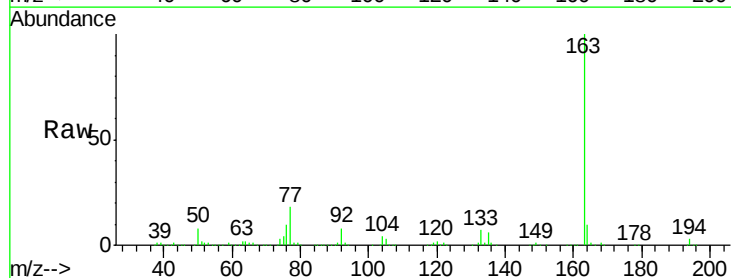
Tgt Ion:163 Resp: 1216816

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

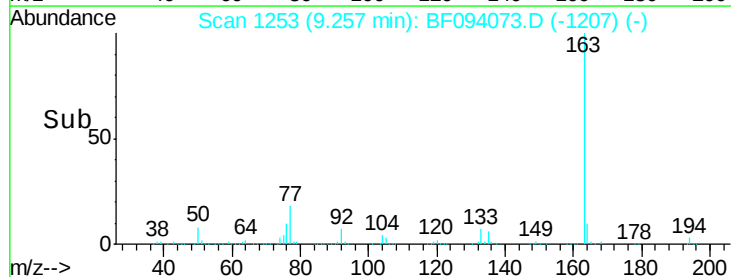
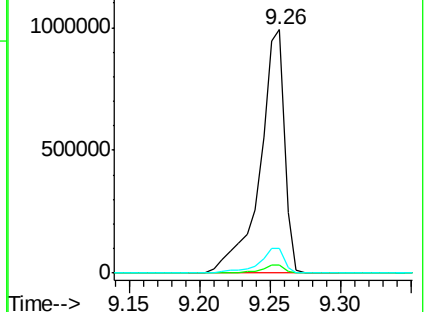
164 9.9 8.4 12.6

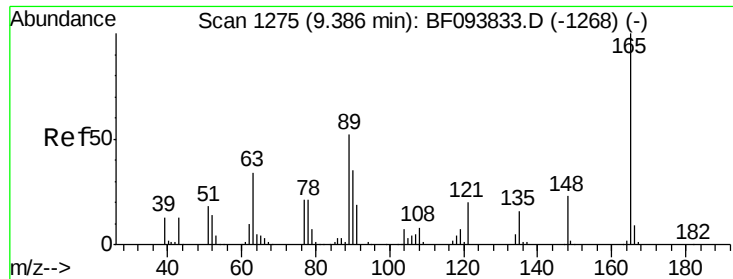


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

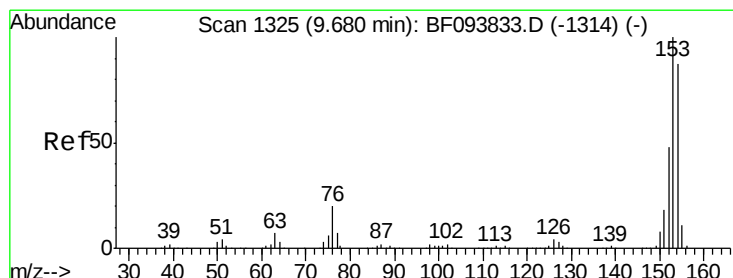
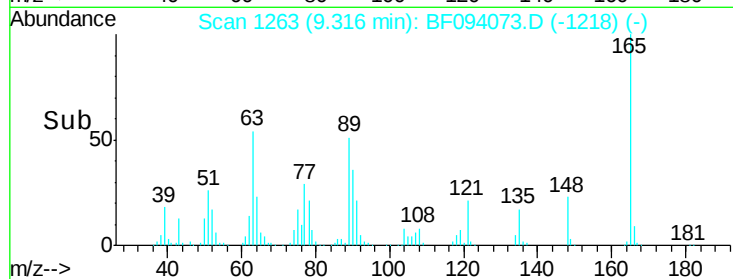
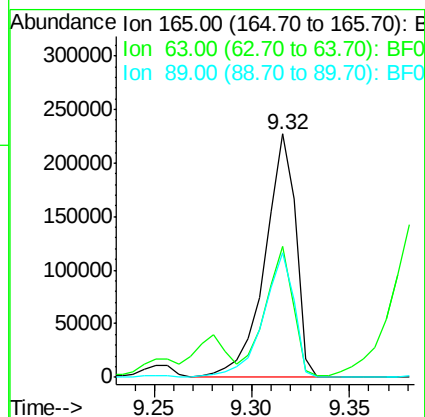
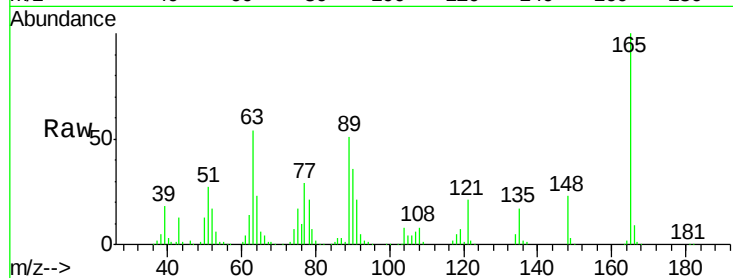




#50
 2,6-Dinitrotoluene
 Concen: 41.53 ng
 RT: 9.32 min Scan# 1263
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

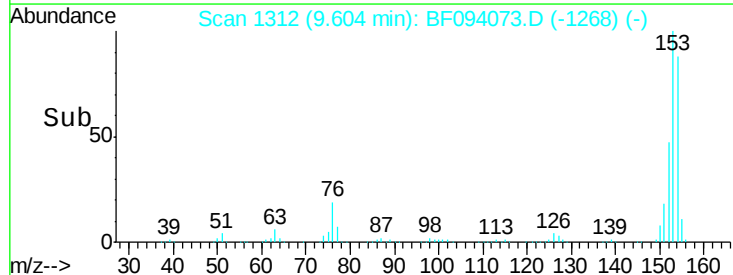
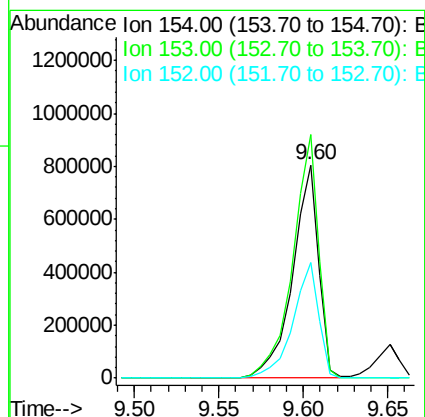
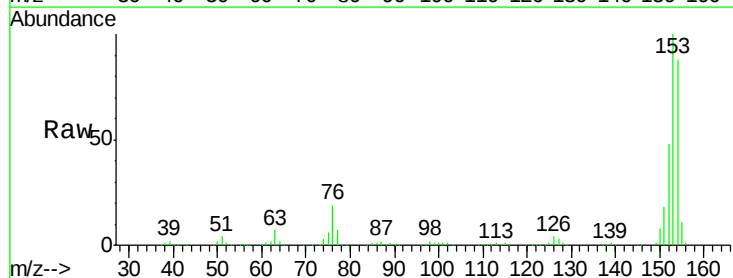
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

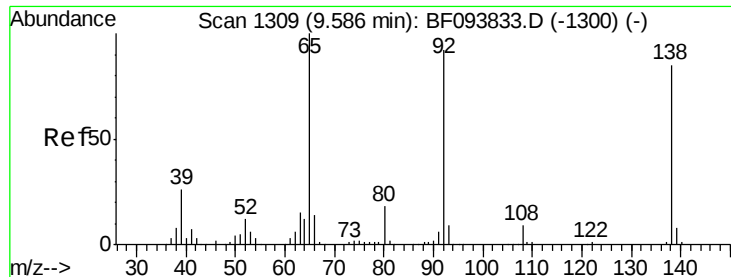
Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.0	34.3	51.5#
89	51.1	37.1	55.7



#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	Ratio	Lower	Upper
154	100		
153	114.2	90.5	135.7
152	54.3	43.6	65.4

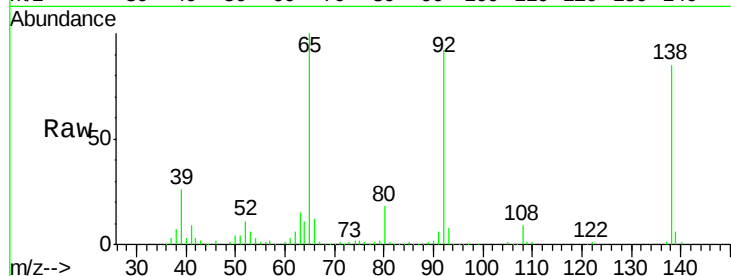




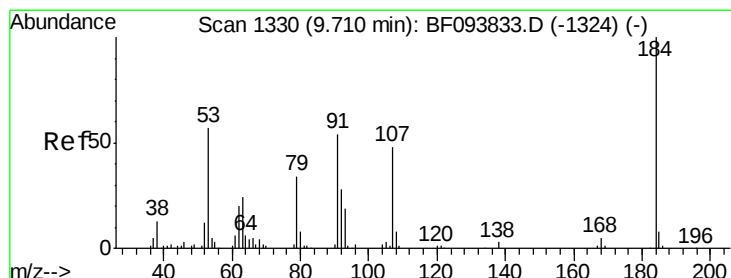
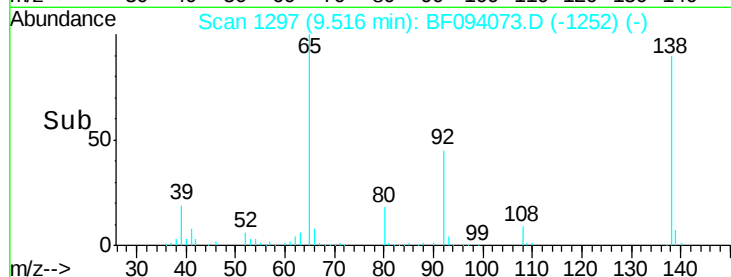
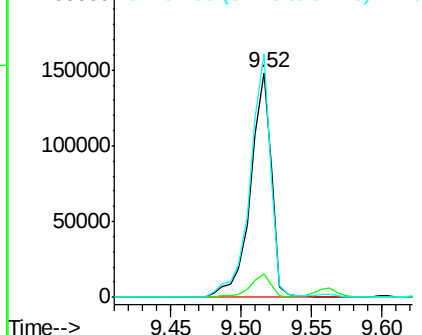
#52
 3-Nitroaniline
 Concen: 21.90 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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

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

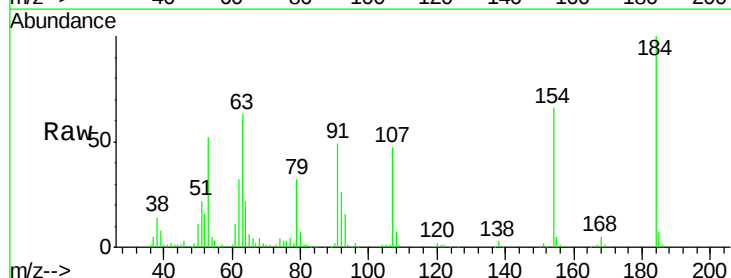


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BFO

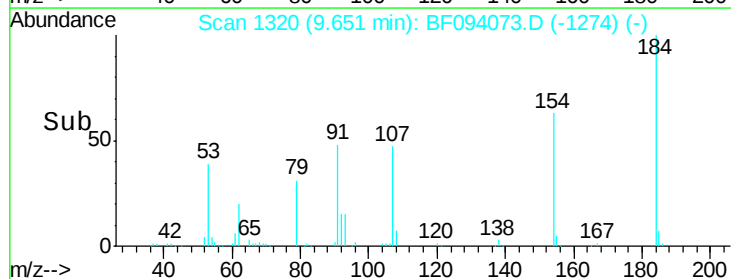
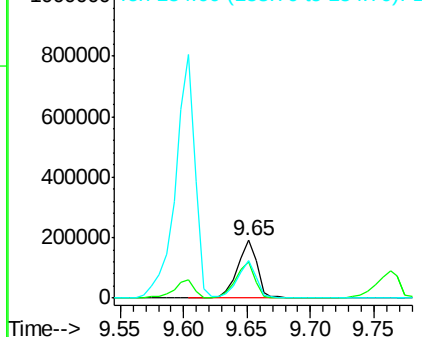


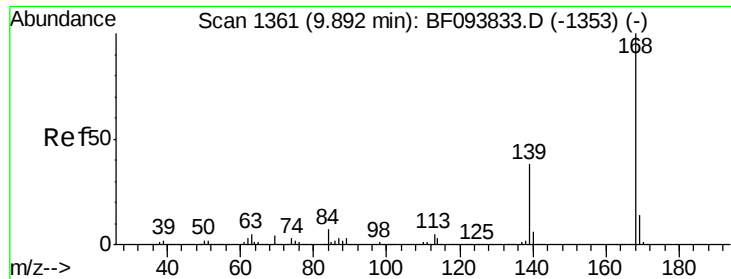
#53
 2,4-Dinitrophenol
 Concen: 64.85 ng
 RT: 9.65 min Scan# 1320
 Delta R.T. -0.03 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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#



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





#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

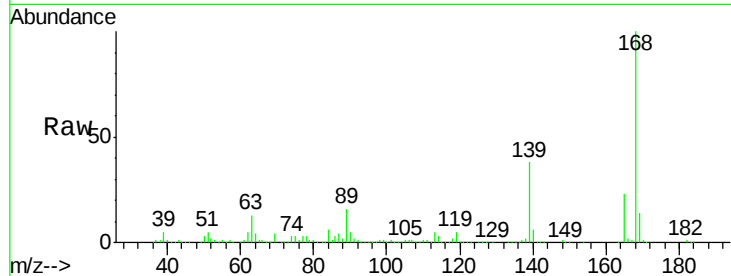
Tgt Ion:168 Resp: 1251339

Ion Ratio Lower Upper

168 100

139 38.2 30.6 45.8

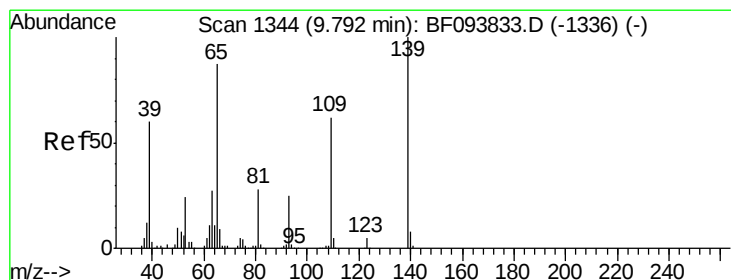
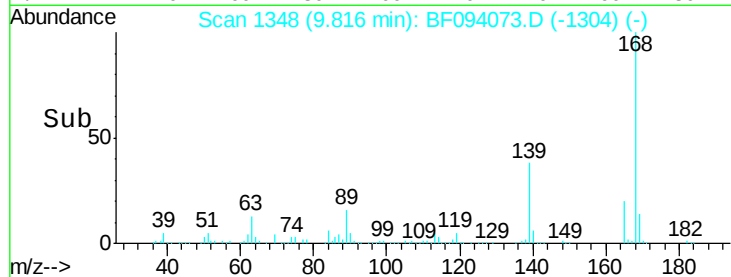
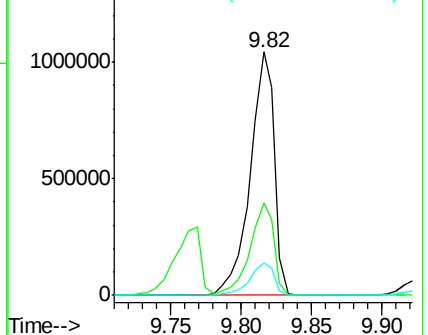
169 13.6 10.8 16.2



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

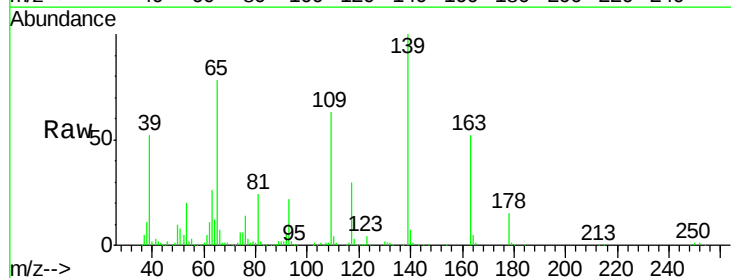
Tgt Ion:139 Resp: 377551

Ion Ratio Lower Upper

139 100

109 62.7 34.1 74.1

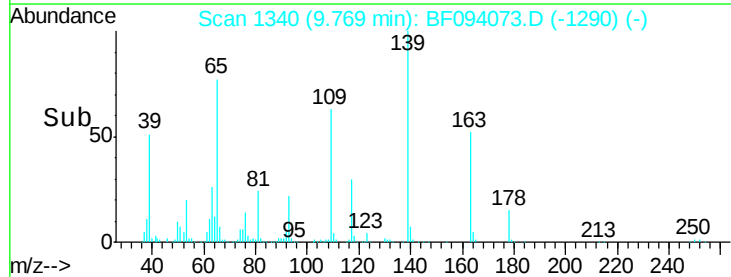
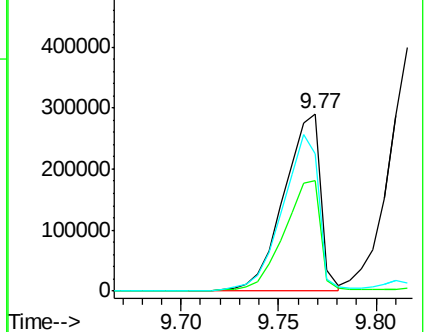
65 77.8 31.4 71.4#

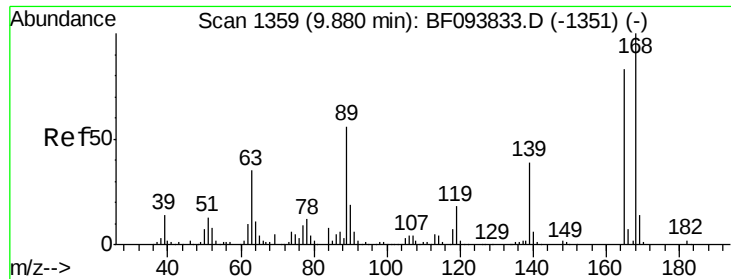


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

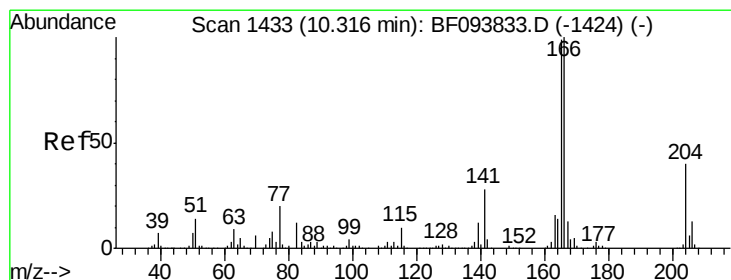
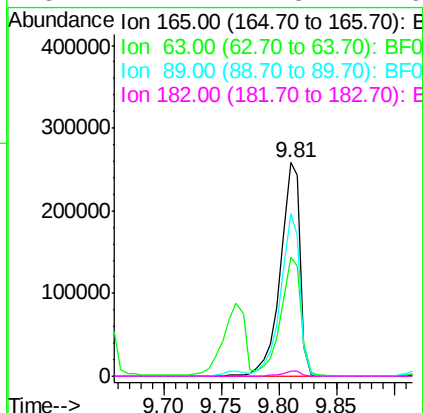
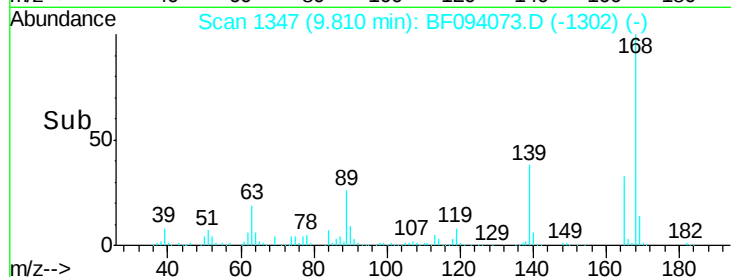
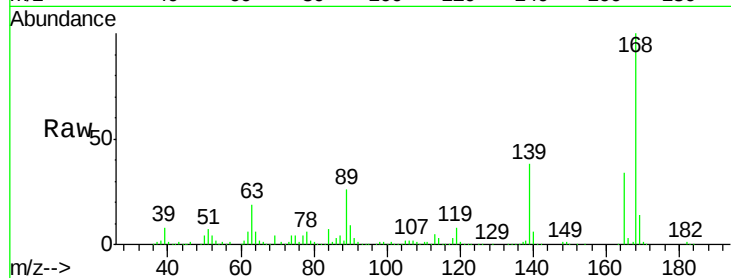




#56
 2,4-Dinitrotoluene
 Concen: 40.53 ng
 RT: 9.81 min Scan# 1347
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

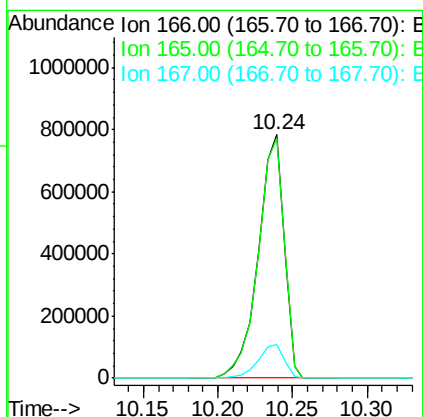
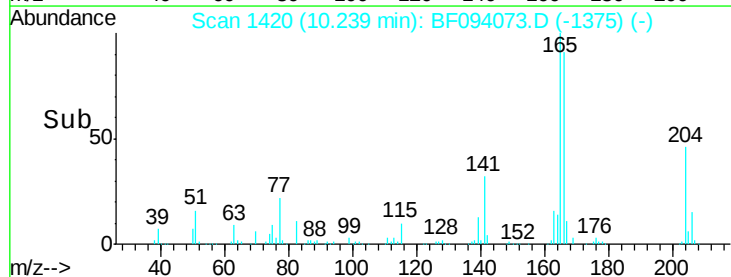
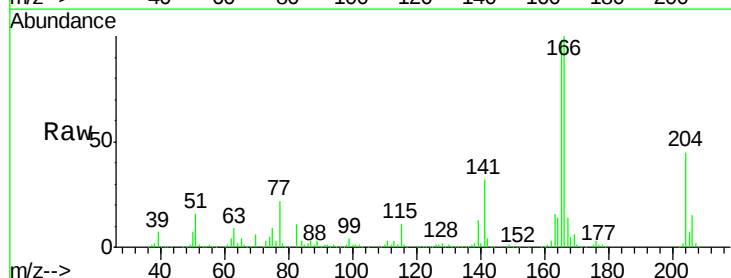
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

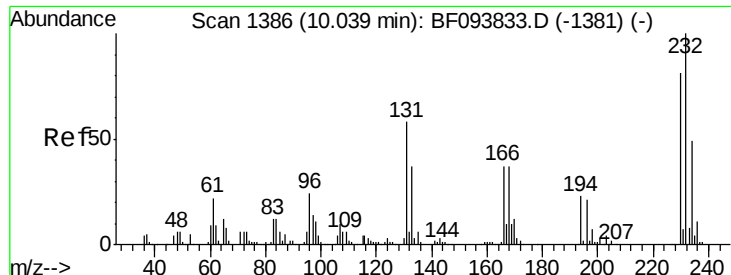
Tgt Ion:	165	Resp:	305607
Ion Ratio	Lower	Upper	
165	100		
63	56.0	25.4	38.0#
89	76.3	46.4	69.6#
182	2.4	1.8	2.6



#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

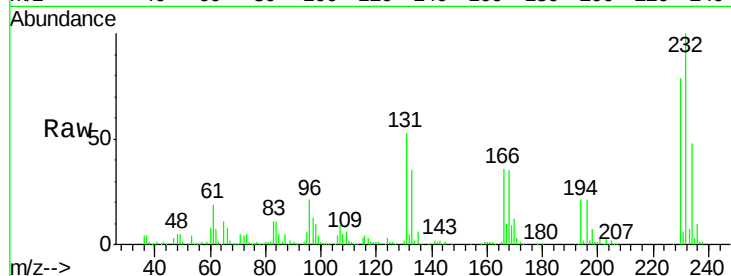




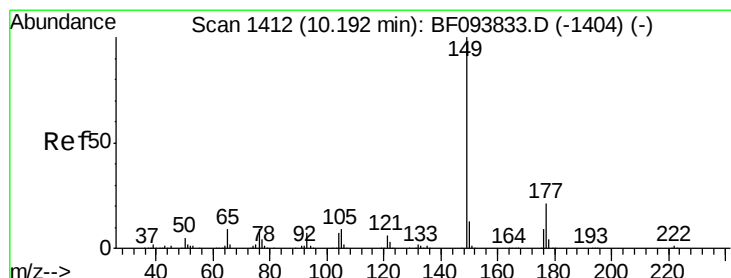
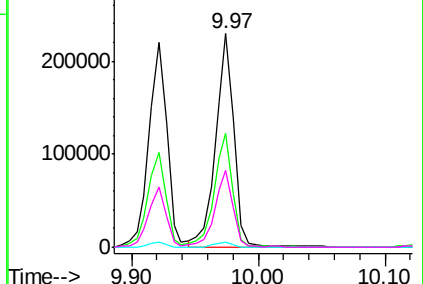
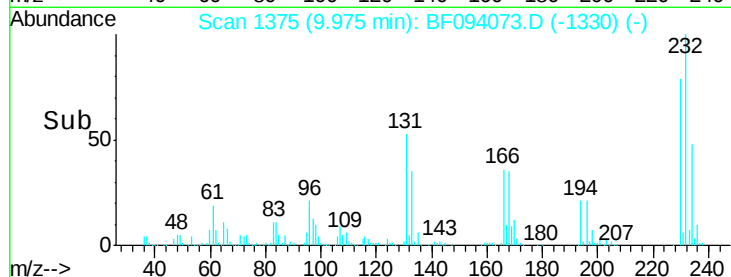
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.86 ng
 RT: 9.97 min Scan# 1375
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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

Tgt 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

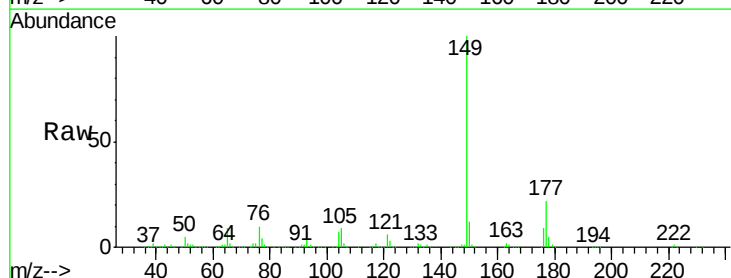


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

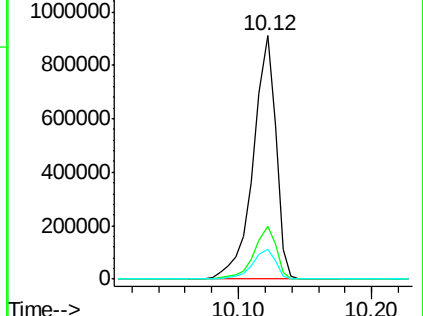
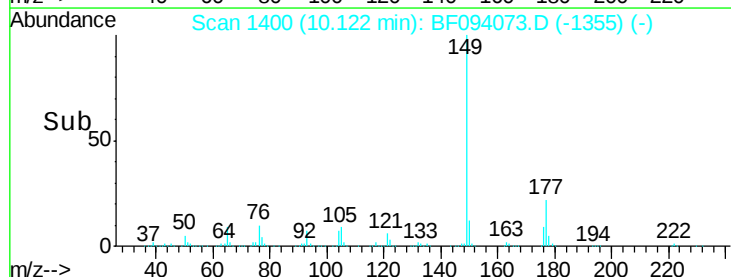


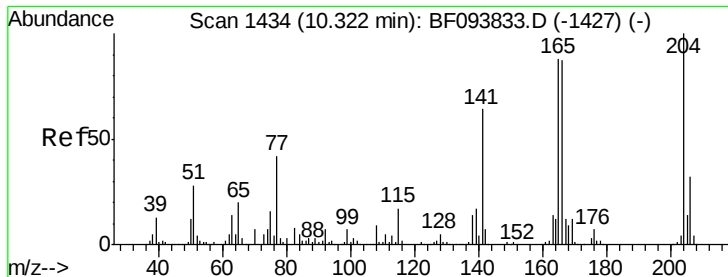
#59
 Diethylphthalate
 Concen: 40.79 ng
 RT: 10.12 min Scan# 1400
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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

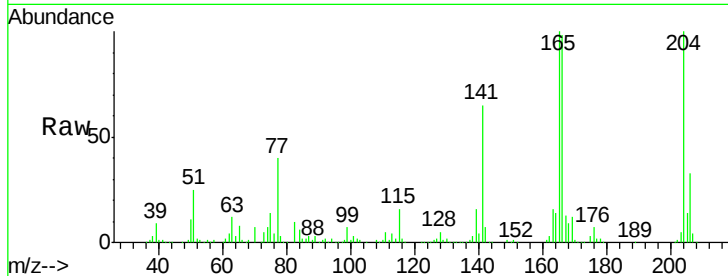




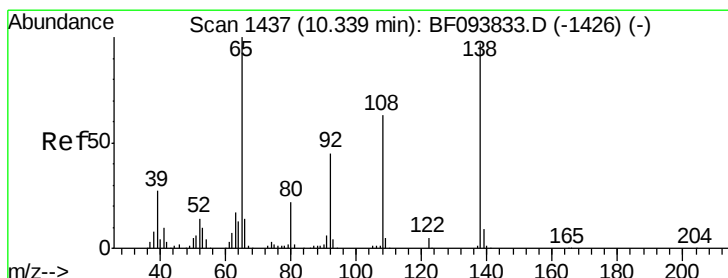
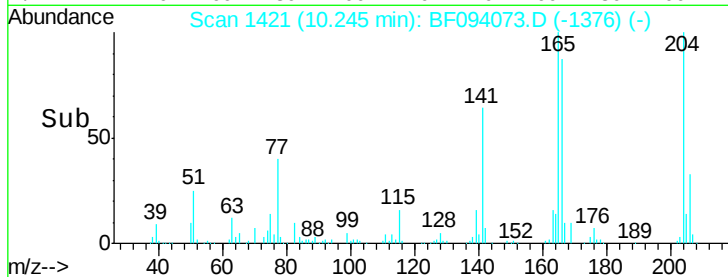
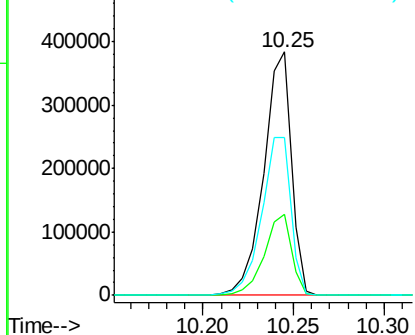
#60
 4-Chlorophenyl-phenylether
 Concen: 37.68 ng
 RT: 10.25 min Scan# 1421
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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

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

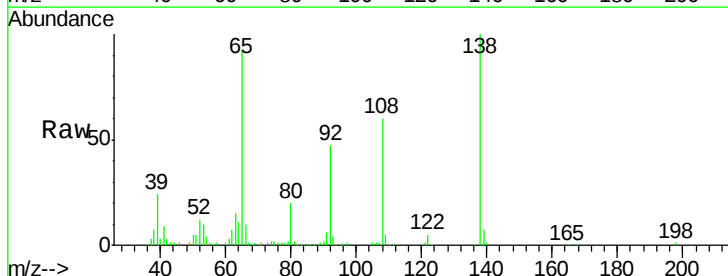


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

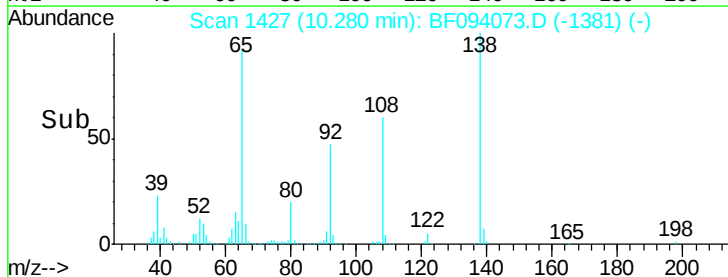
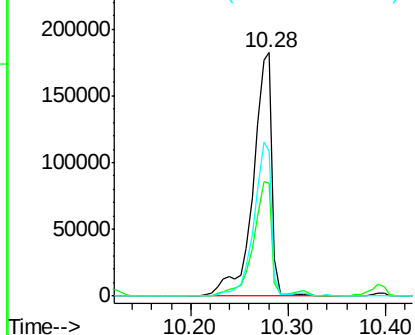


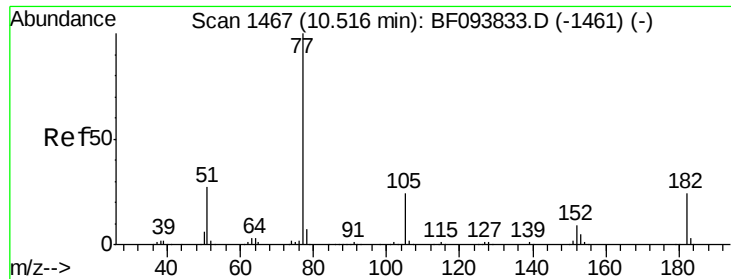
#61
 4-Nitroaniline
 Concen: 36.61 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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



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

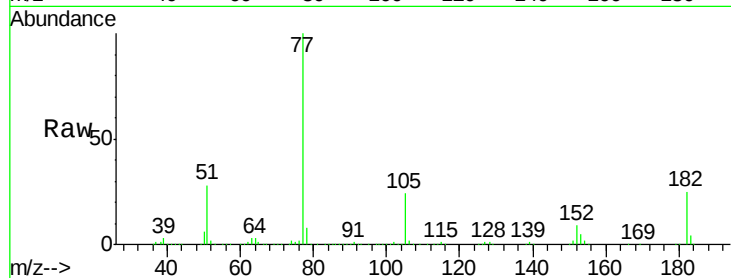




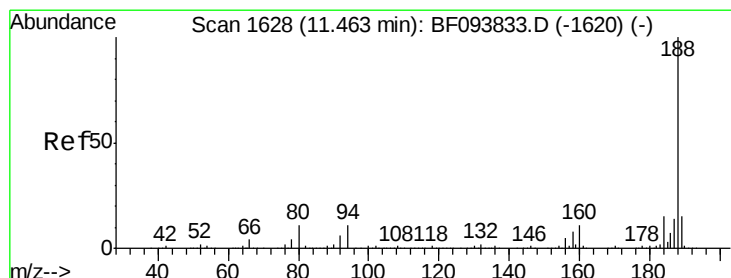
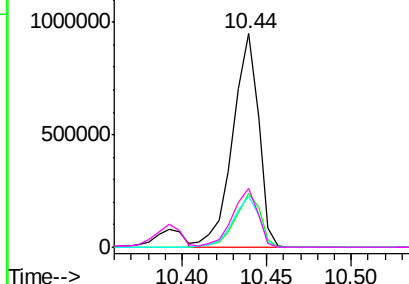
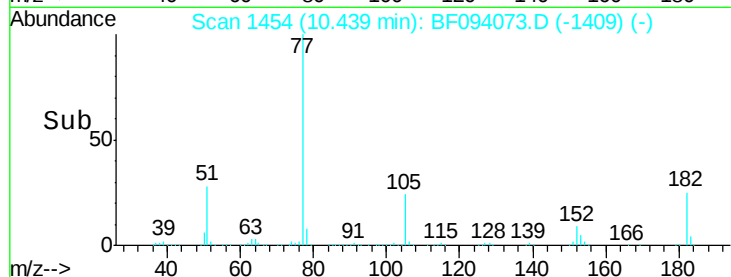
#62
Azobenzene
Concen: 41.19 ng
RT: 10.44 min Scan# 1454
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

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

Tgt 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

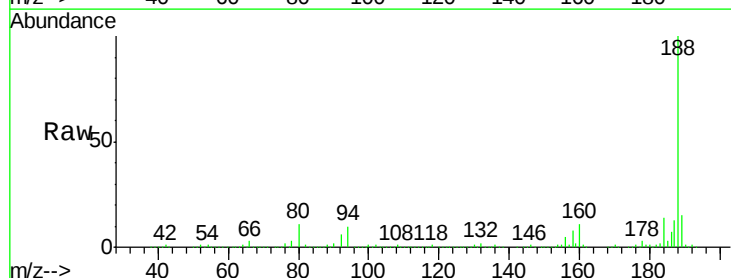


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

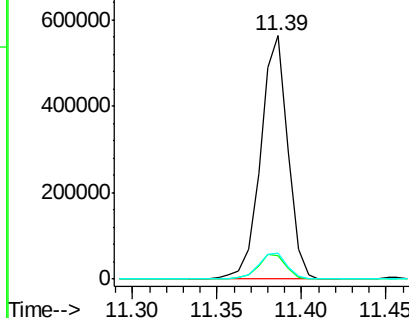
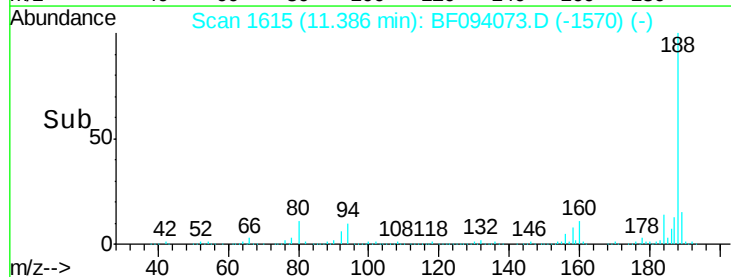


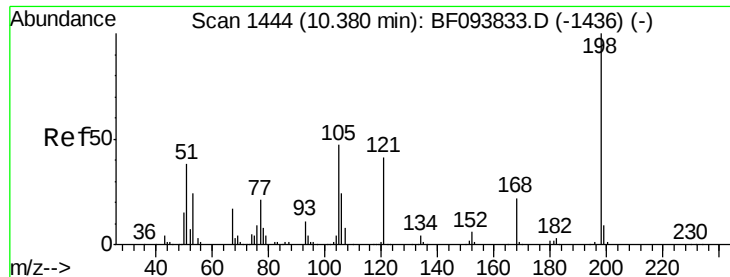
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

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): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 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

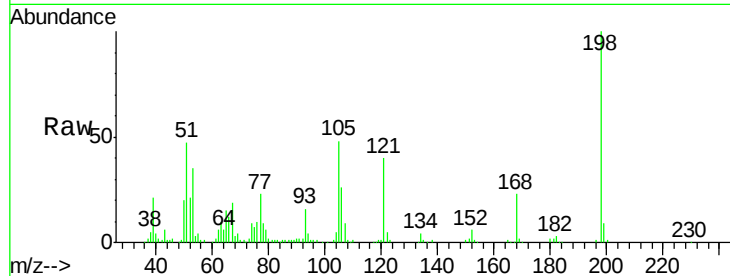
Tgt Ion:198 Resp: 166905

Ion Ratio Lower Upper

198 100

51 46.9 53.2 93.2#

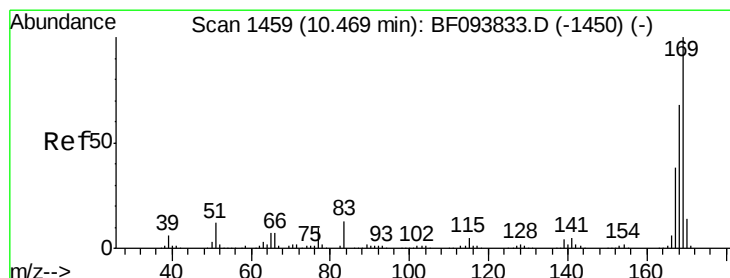
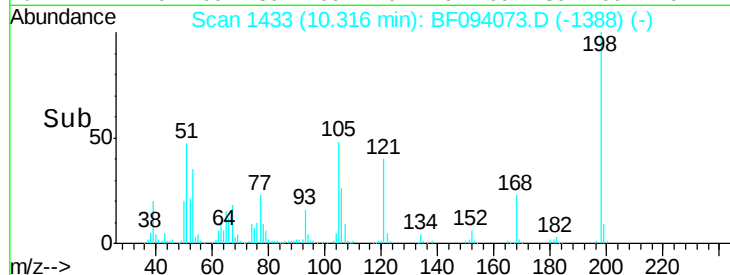
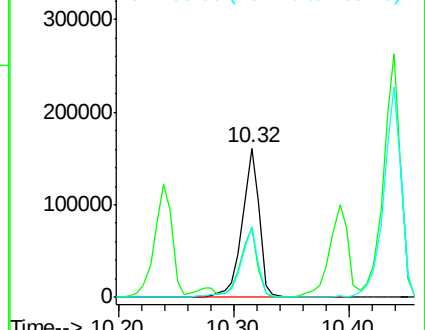
105 47.6 45.8 85.8



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

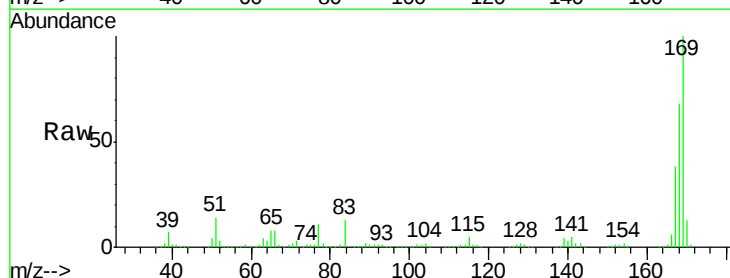
Tgt Ion:169 Resp: 848507

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

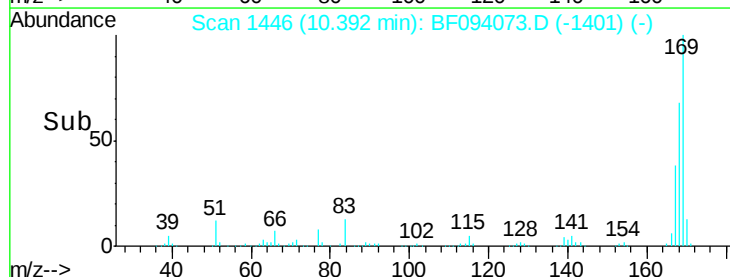
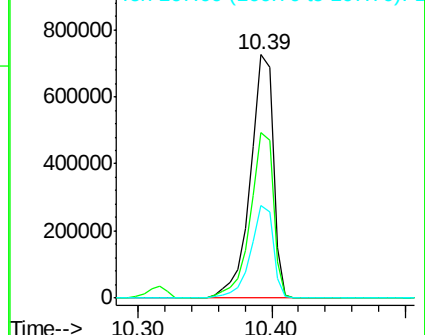
167 38.1 29.5 44.3

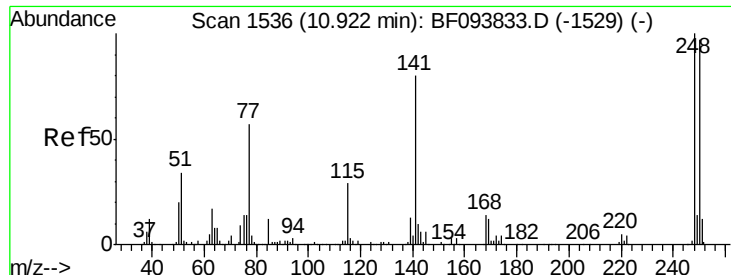


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

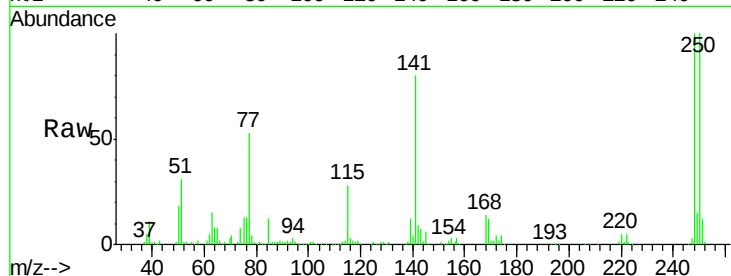




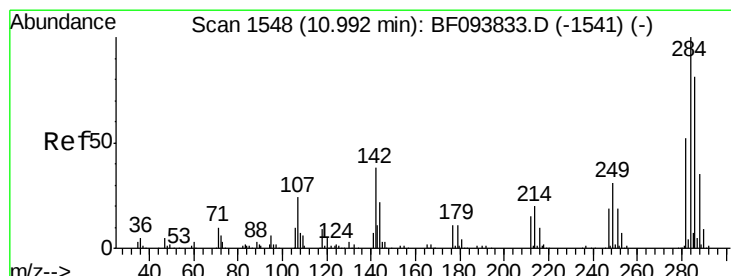
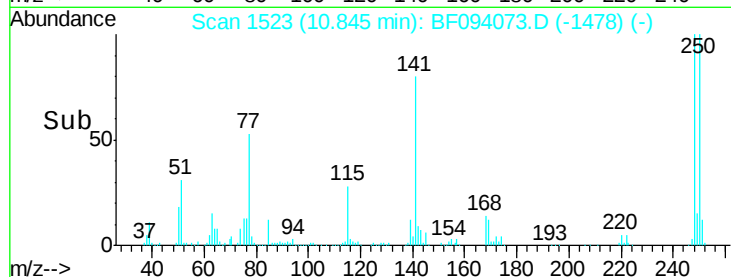
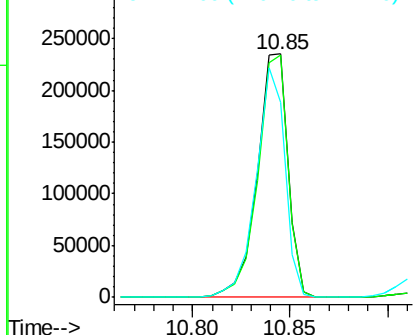
#66
4-Bromophenyl-phenylether
Concen: 41.73 ng
RT: 10.85 min Scan# 1523
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

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

Tgt Ion:248 Resp: 256984
Ion Ratio Lower Upper
248 100
250 99.8 76.8 115.2
141 79.8 68.6 103.0

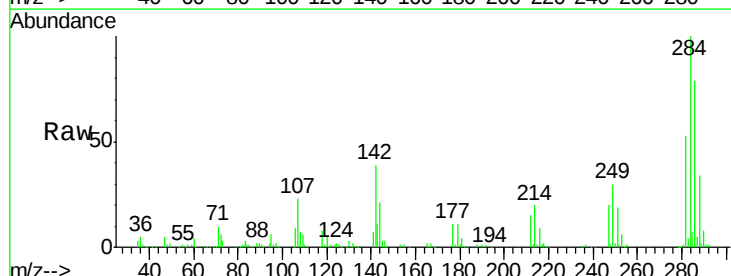


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

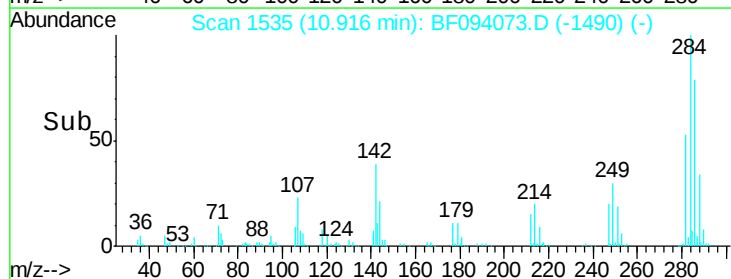
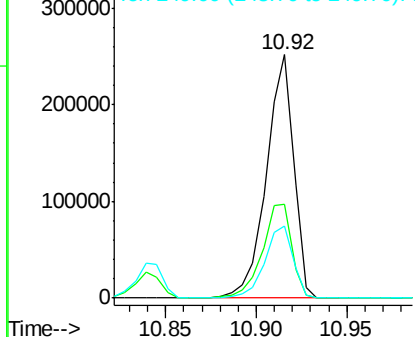


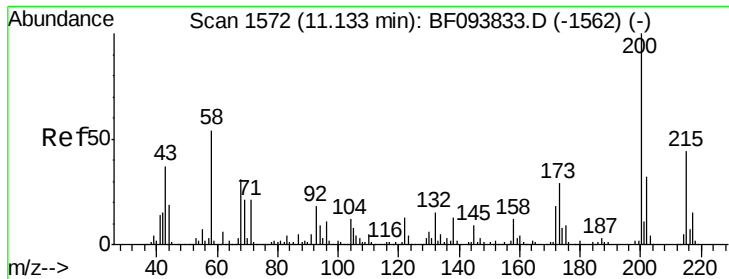
#67
Hexachlorobenzene
Concen: 42.17 ng
RT: 10.92 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion:284 Resp: 262874
Ion Ratio Lower Upper
284 100
142 38.5 22.8 34.2#
249 29.8 24.0 36.0



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

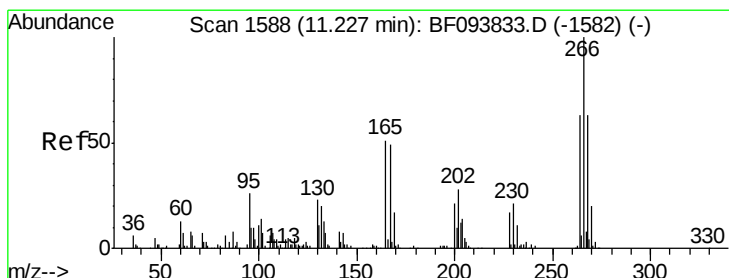
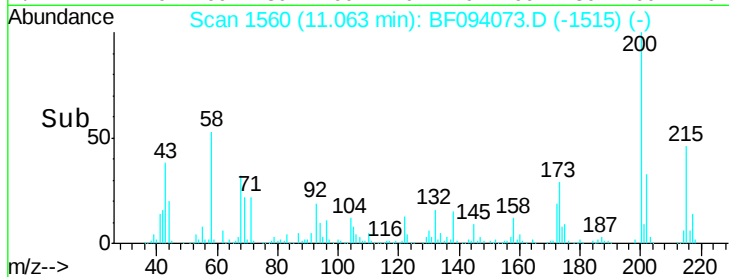
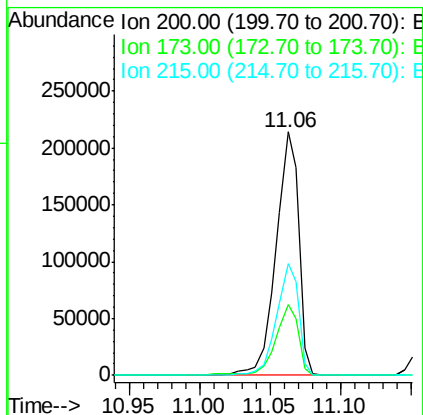
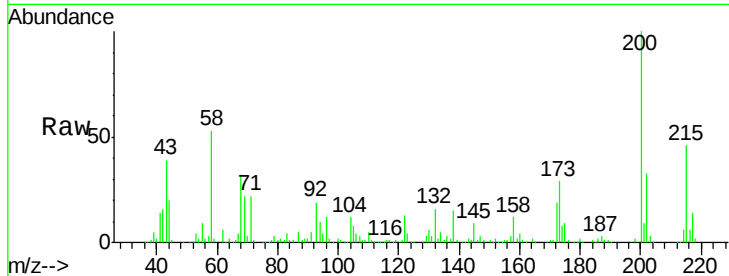




#68
 Atrazine
 Concen: 37.08 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

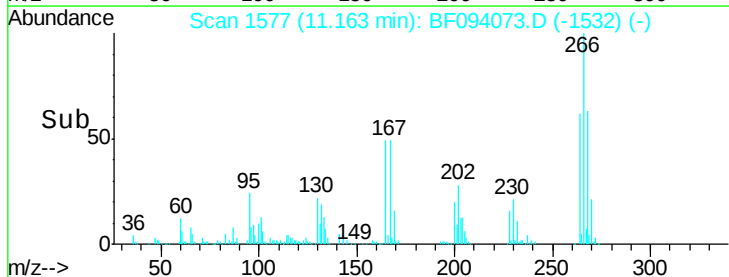
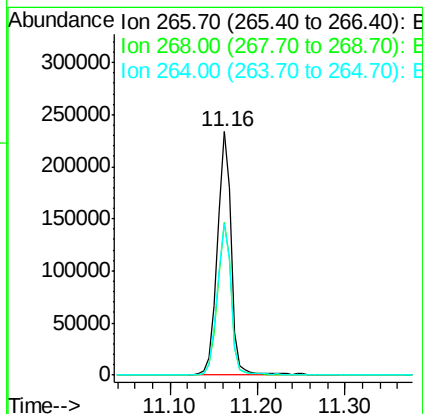
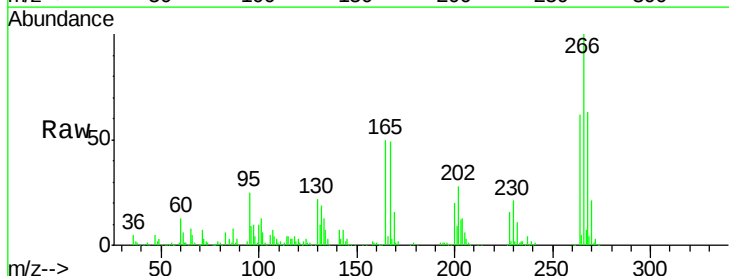
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

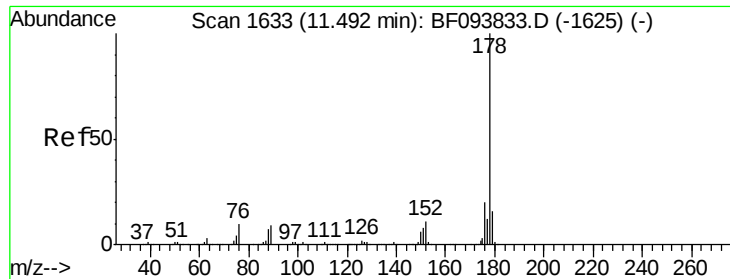
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	6.3	46.3
215	46.1	27.2	67.2



#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	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

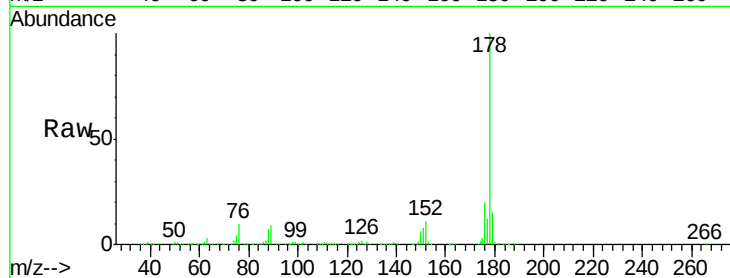
Tgt Ion:178 Resp: 1355935

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

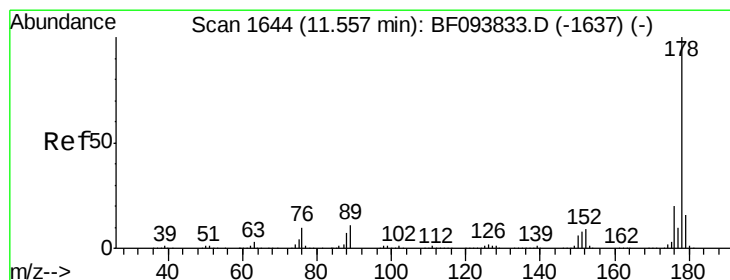
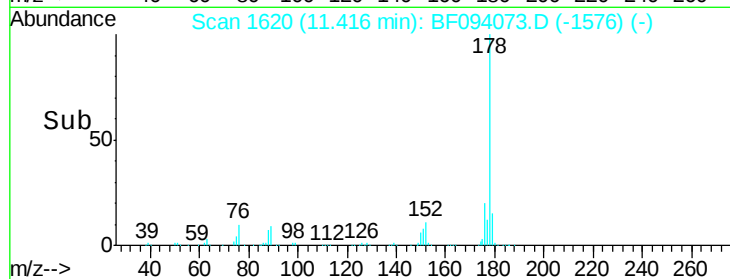
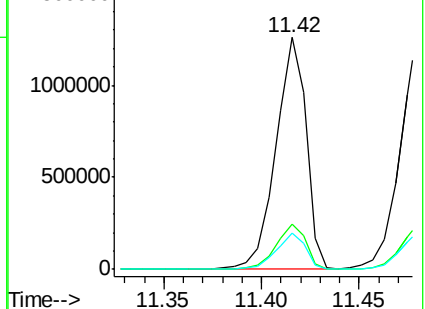
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#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

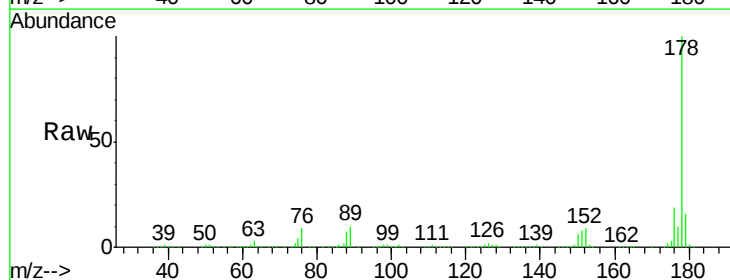
Tgt Ion:178 Resp: 1387210

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

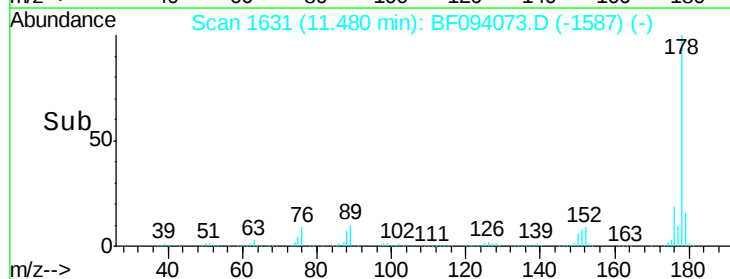
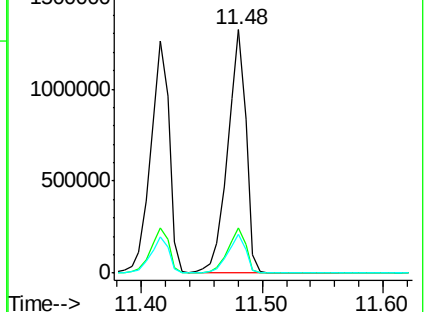
179 15.8 12.7 19.1

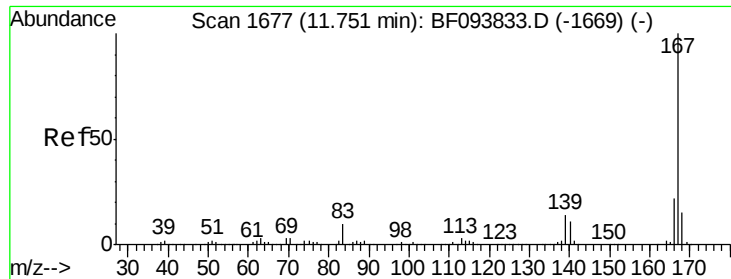


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

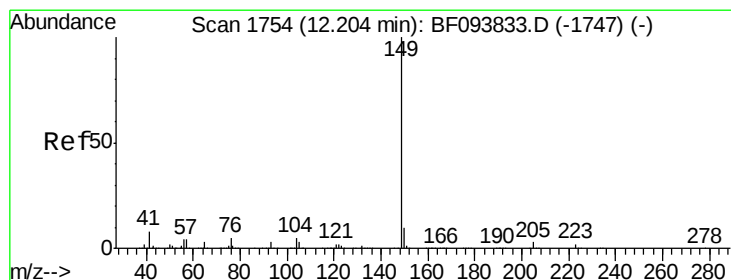
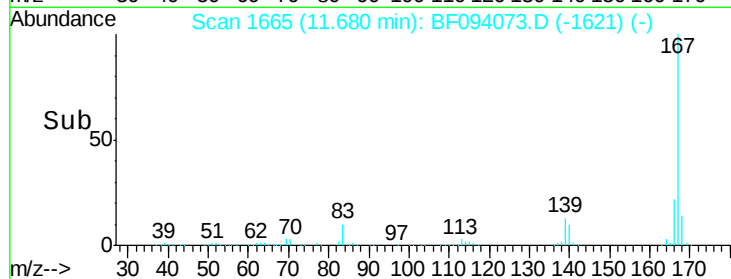
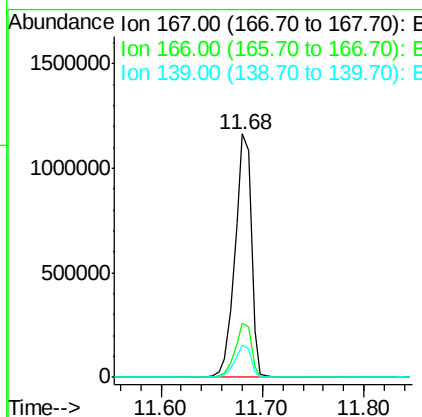
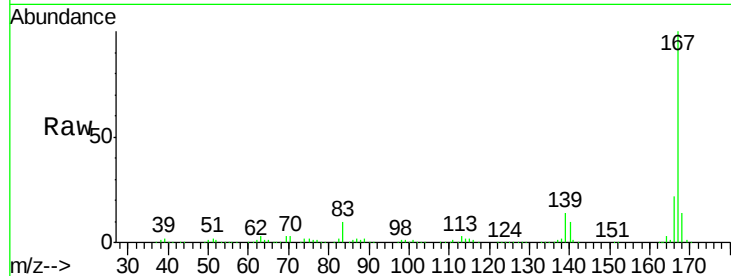




#72
 Carbazole
 Concen: 35.48 ng
 RT: 11.68 min Scan# 1665
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

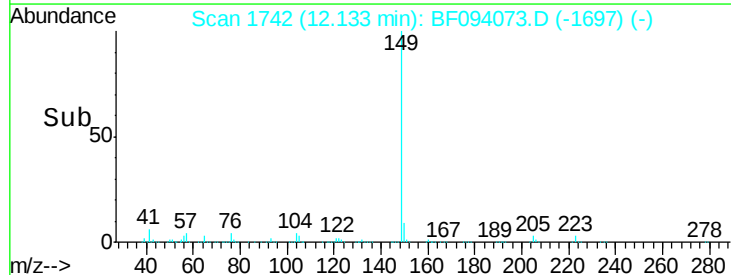
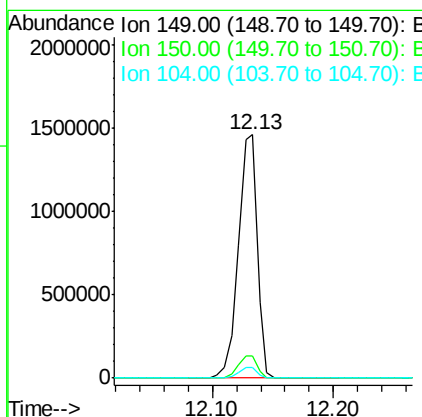
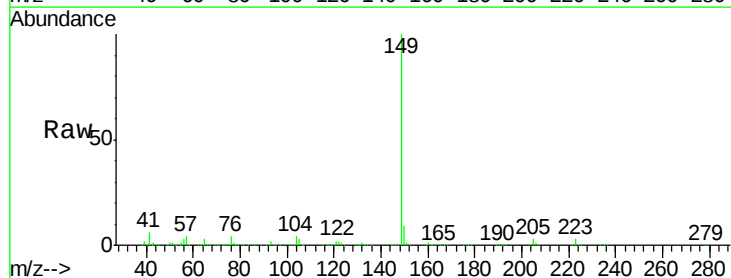
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

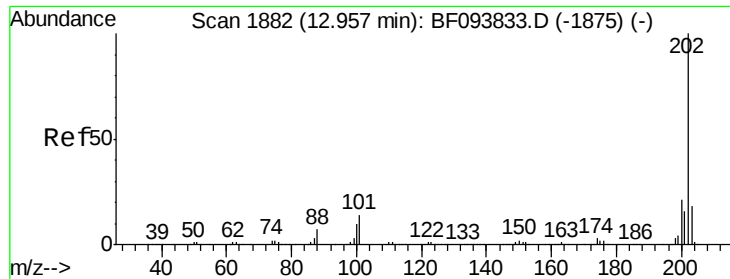
Tgt Ion:167 Resp: 1304609
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.5 11.7 17.5



#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

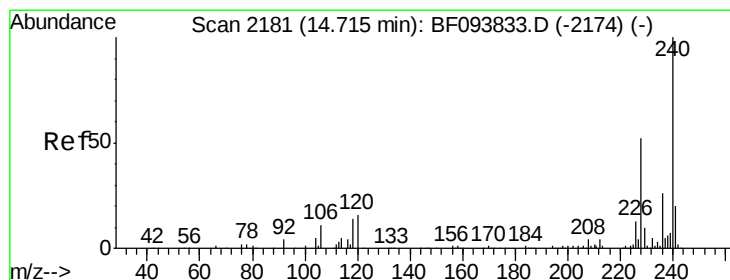
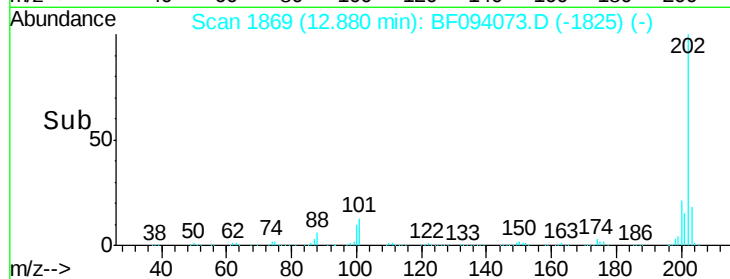
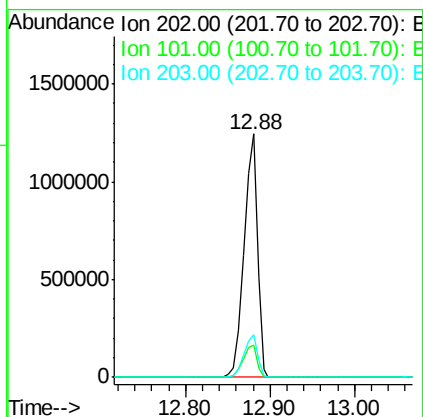
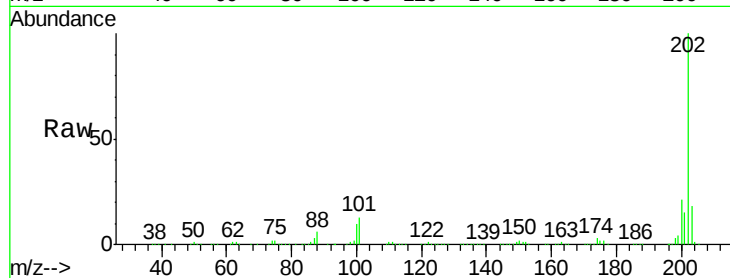




#74
 Fluoranthene
 Concen: 37.65 ng
 RT: 12.88 min Scan# 1869
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

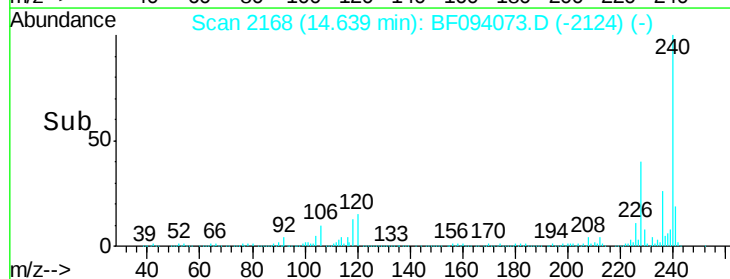
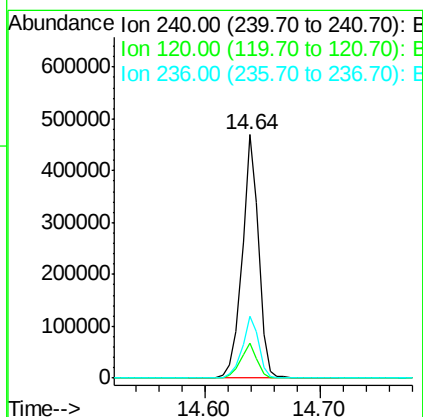
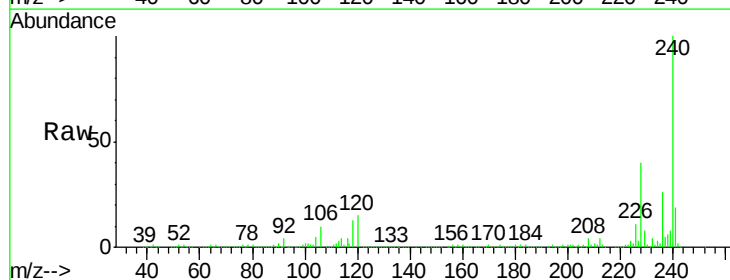
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

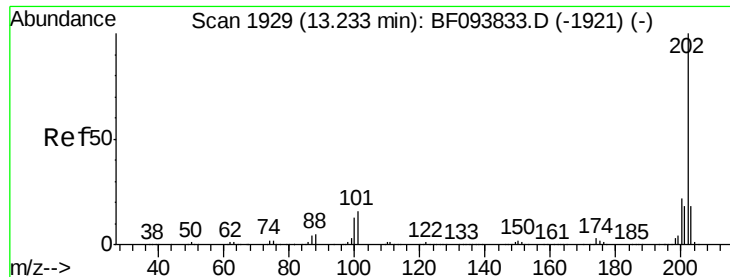
Tgt Ion: 202 Resp: 1342779
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 33.2
 203 17.7 0.0 38.1



#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



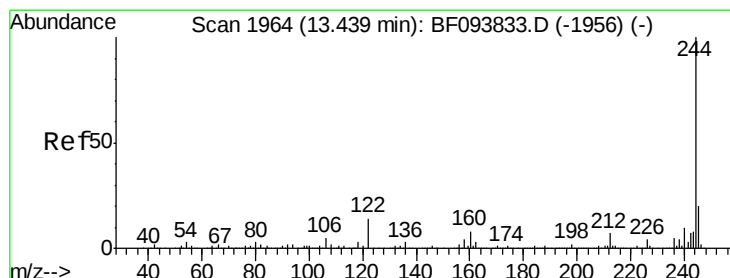
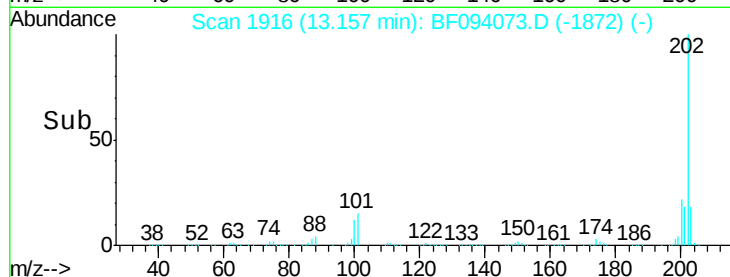
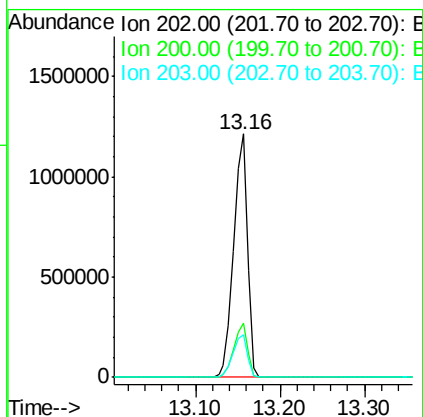
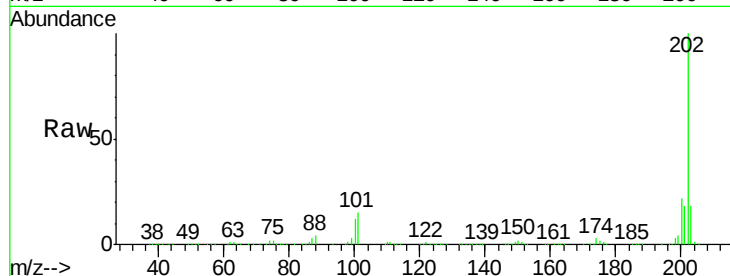


#77
 Pyrene
 Concen: 40.42 ng
 RT: 13.16 min Scan# 1916
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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

Tgt Ion: 202 Resp: 1348431

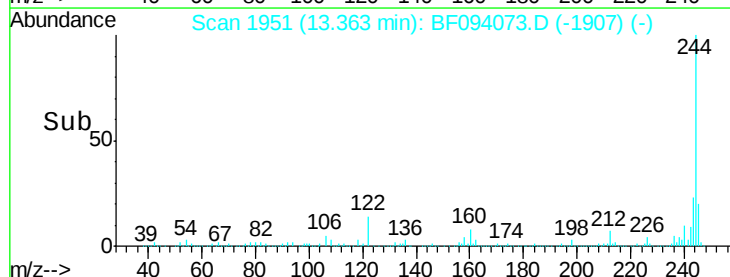
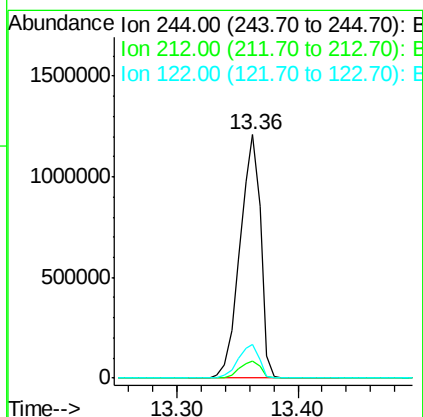
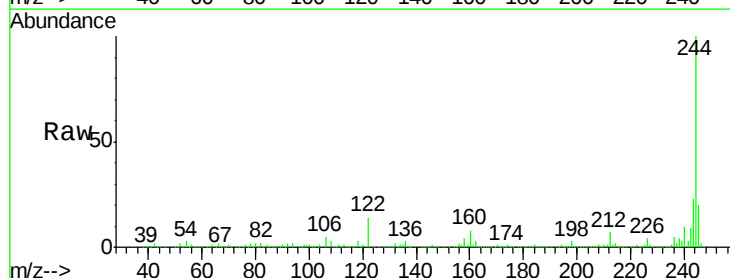
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.8	14.4	21.6

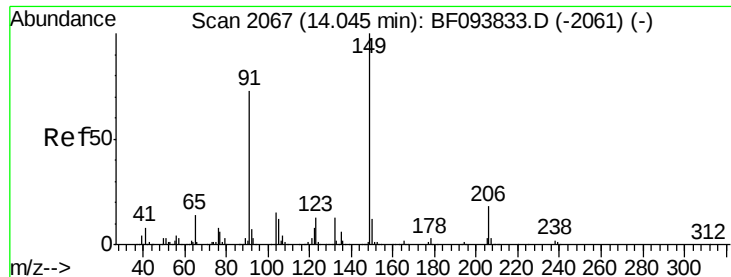


#78
 Terphenyl-d14
 Concen: 70.35 ng
 RT: 13.36 min Scan# 1951
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

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

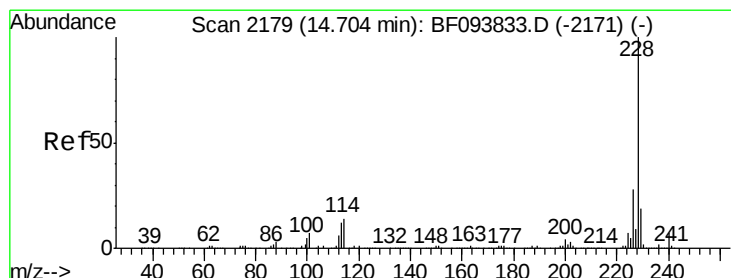
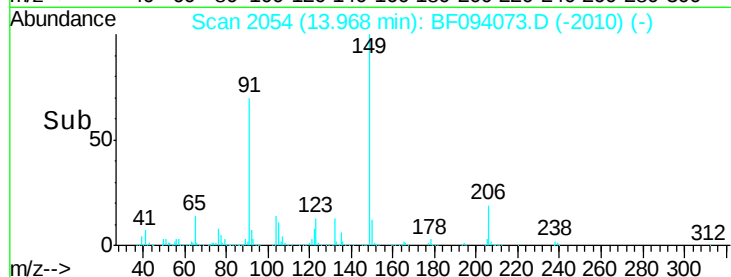
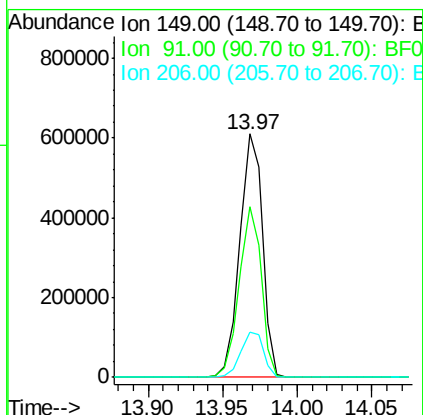
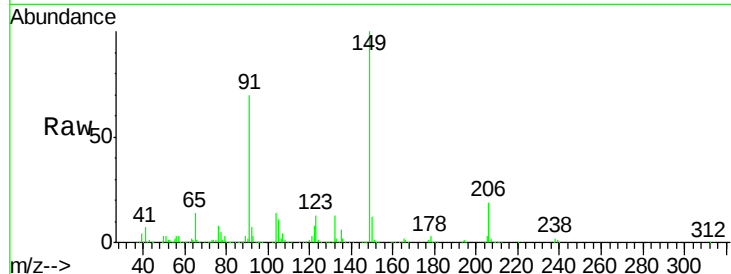




#79
Butylbenzylphthalate
Concen: 45.67 ng
RT: 13.97 min Scan# 2054
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

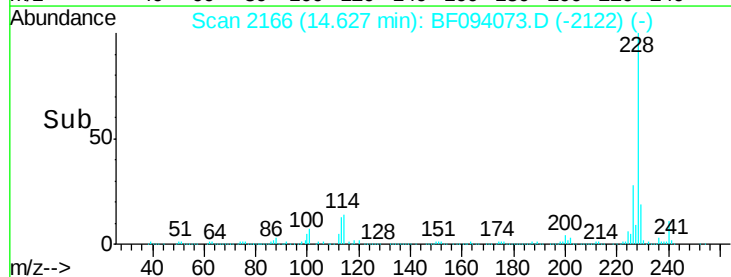
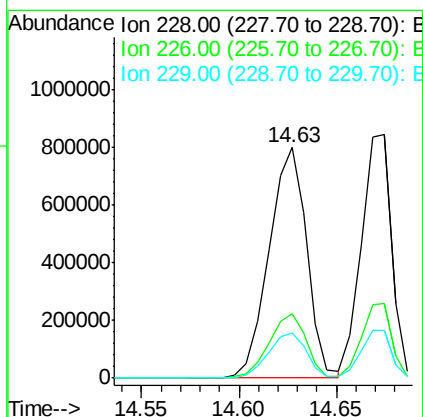
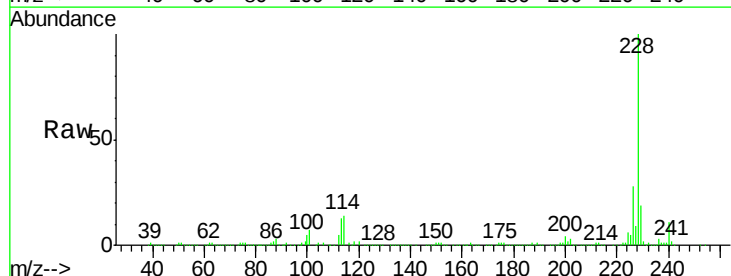
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

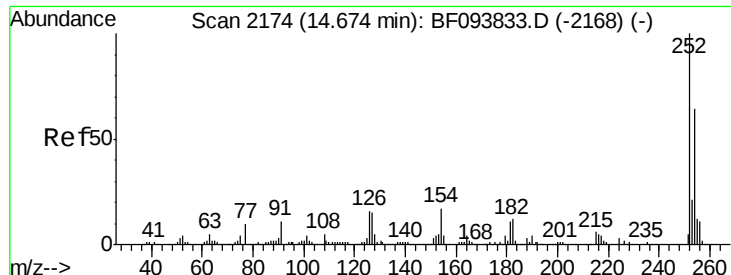
Tgt Ion:149 Resp: 649205
Ion Ratio Lower Upper
149 100
91 70.0 45.0 67.4#
206 18.6 17.0 25.6



#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

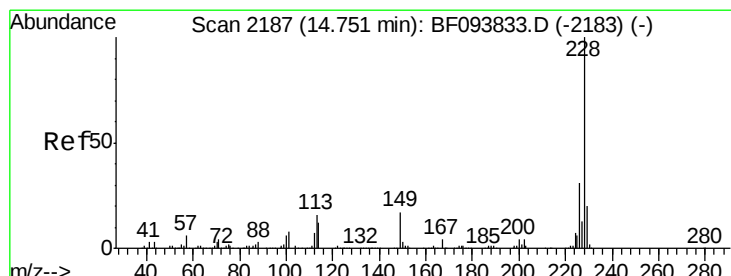
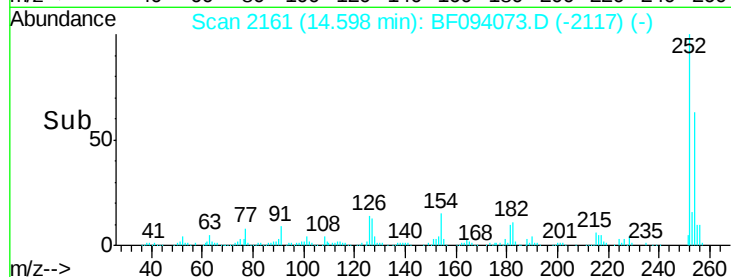
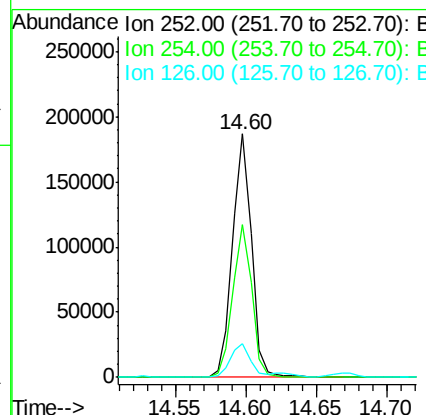
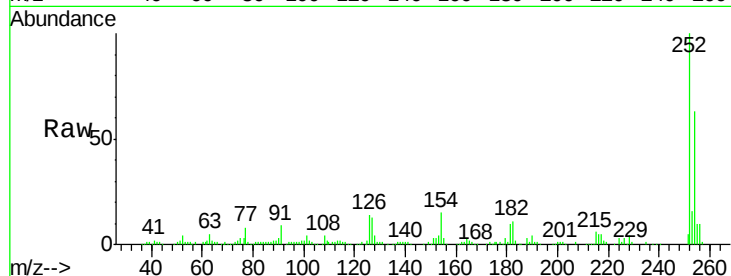




#81
 3,3'-Dichlorobenzidine
 Concen: 18.32 ng
 RT: 14.60 min Scan# 2161
 Delta R.T. -0.04 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

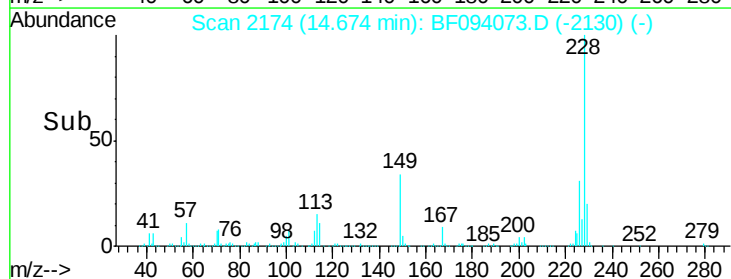
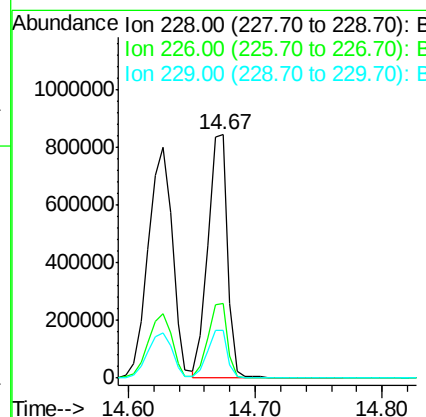
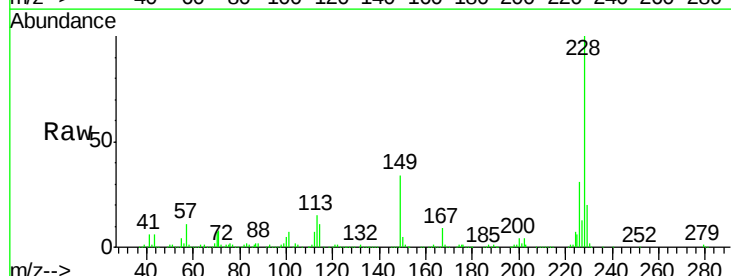
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

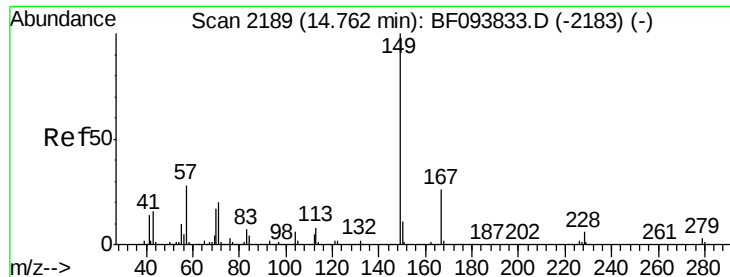
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	13.7	15.8	23.8#



#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	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.7	15.8	23.6





#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

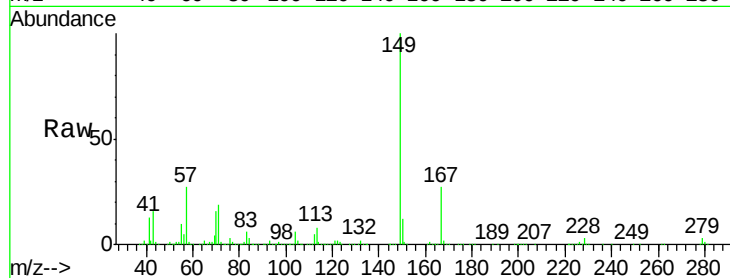
Tgt Ion:149 Resp: 898330

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

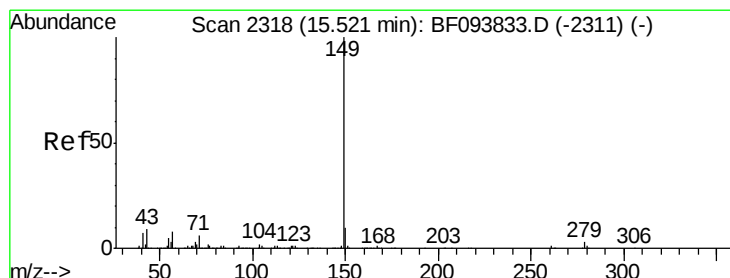
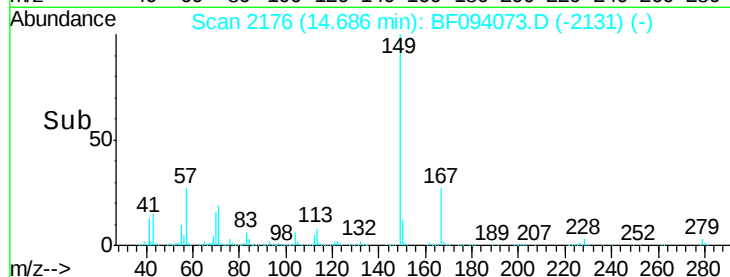
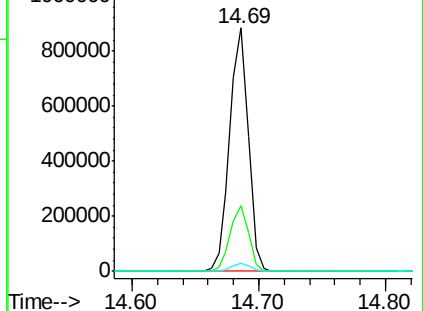
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 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

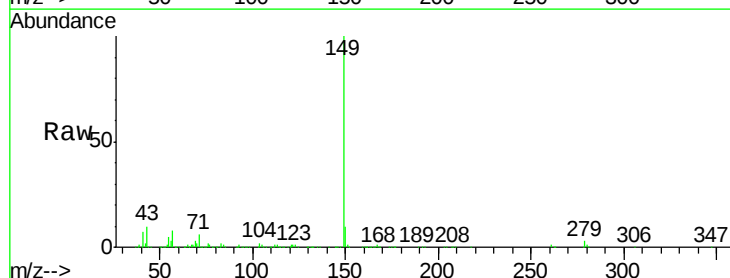
Tgt Ion:149 Resp: 1453875

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

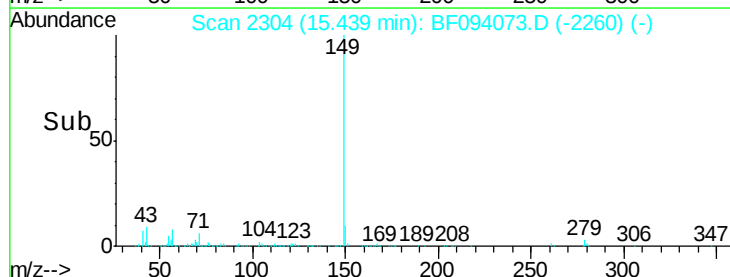
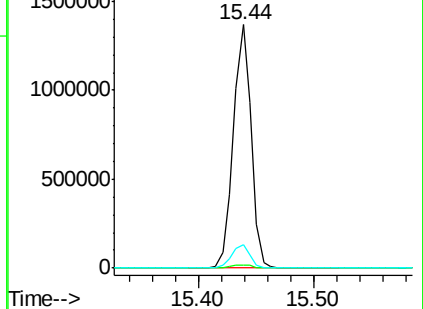
43 9.7 8.5 12.7

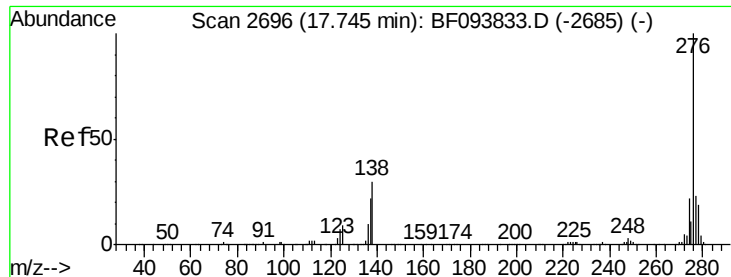


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

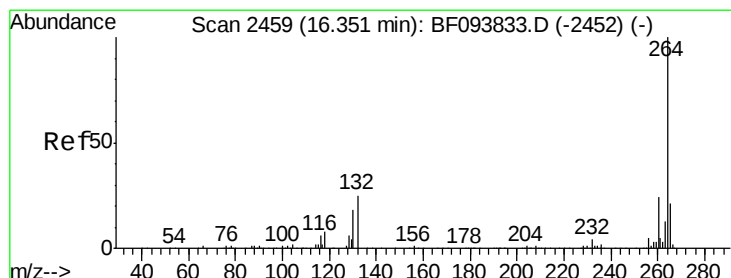
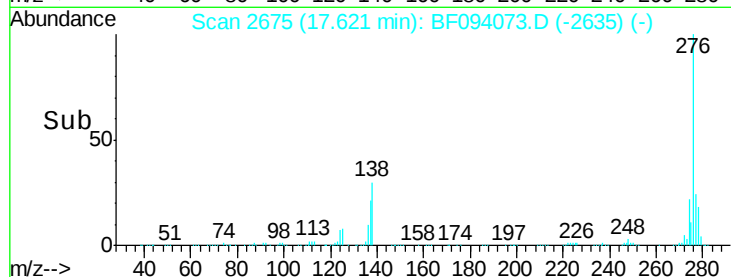
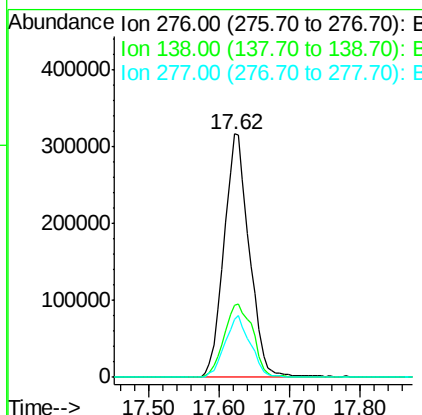
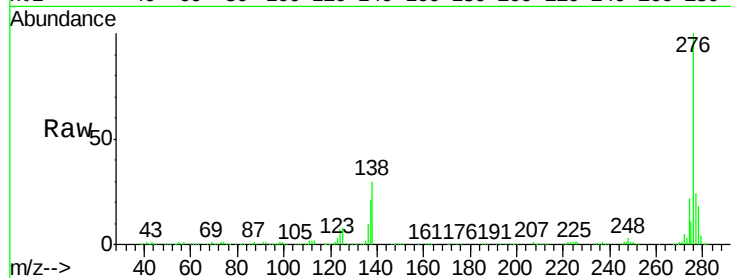




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.69 ng
 RT: 17.62 min Scan# 2675
 Delta R.T. -0.06 min
 Lab File: BF094073.D
 Acq: 30 Mar 2017 22:16

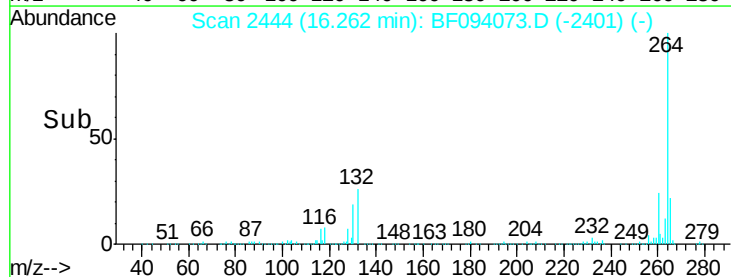
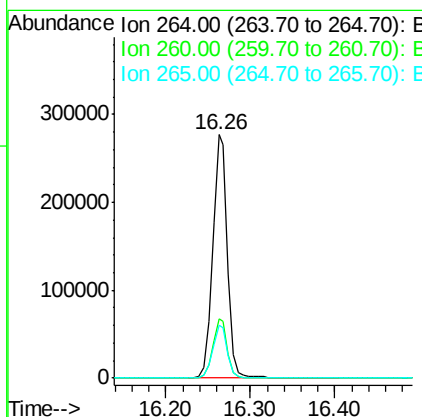
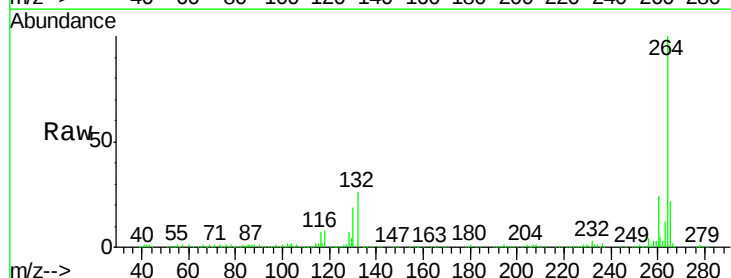
Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)MS

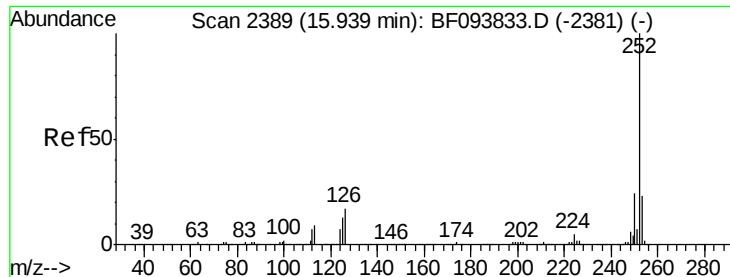
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.4	20.2	30.4



#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	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.9	17.2	25.8

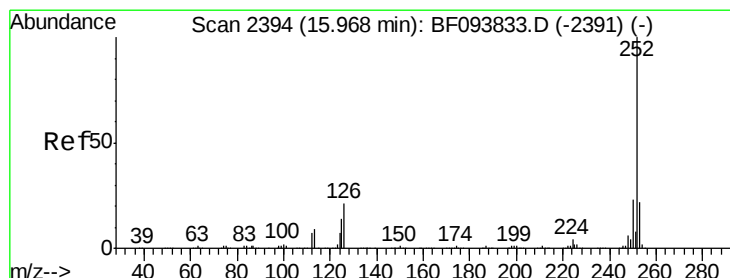
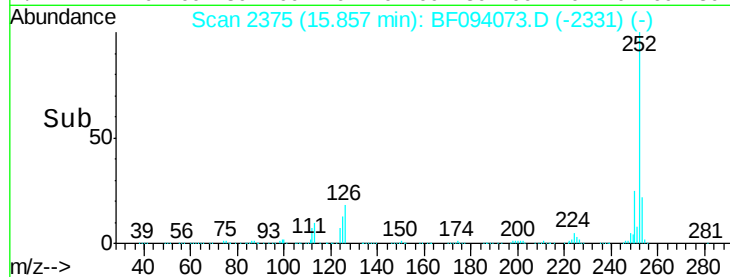
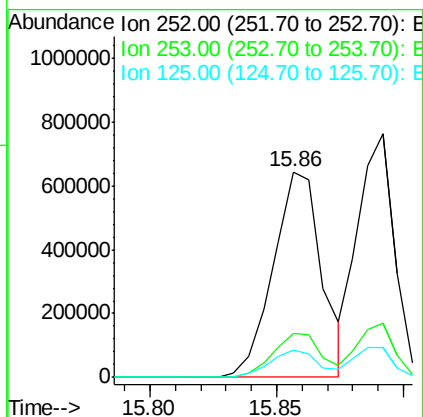
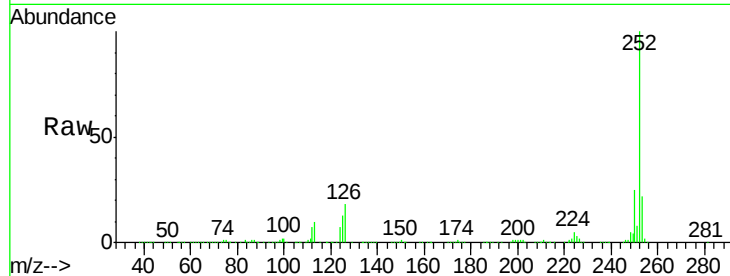




#87
Benzo(b)fluoranthene
Concen: 40.95 ng
RT: 15.86 min Scan# 2375
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

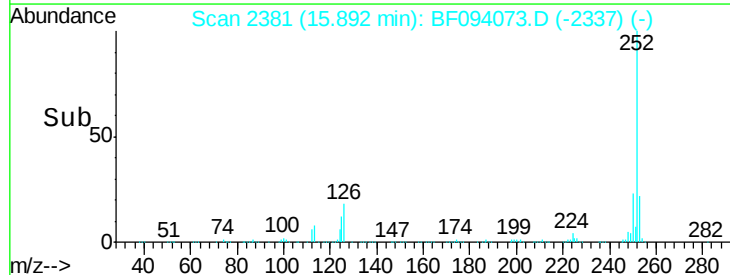
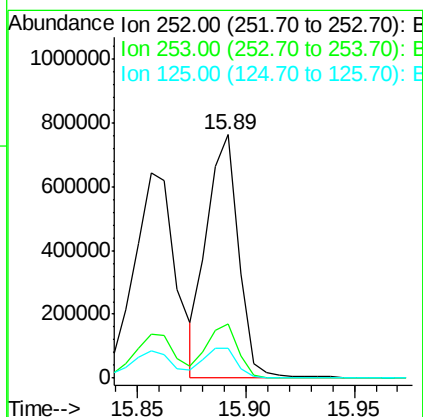
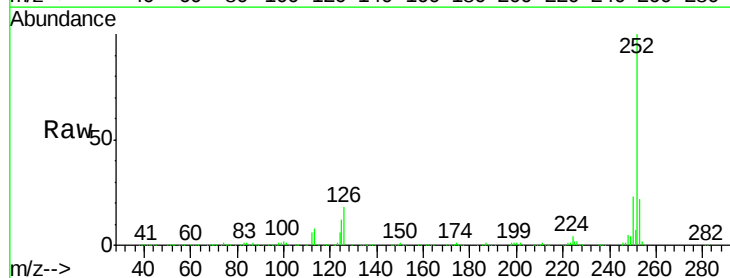
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)MS

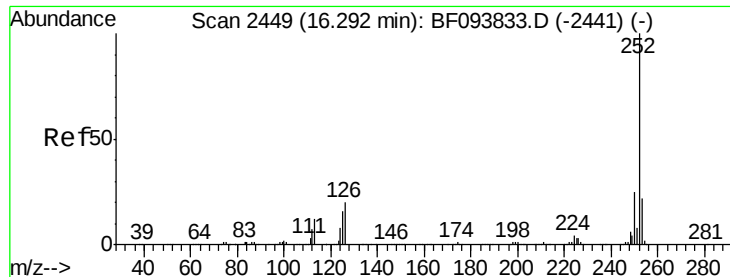
Tgt Ion:252 Resp: 858989
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 13.4 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 38.17 ng m
RT: 15.89 min Scan# 2381
Delta R.T. -0.04 min
Lab File: BF094073.D
Acq: 30 Mar 2017 22:16

Tgt Ion:252 Resp: 783299
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 12.2 13.1 19.7#





#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

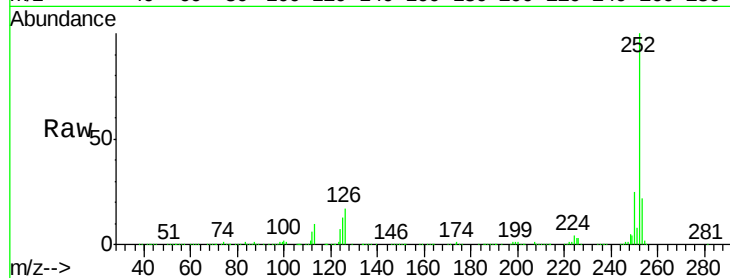
Tgt Ion:252 Resp: 777643

Ion Ratio Lower Upper

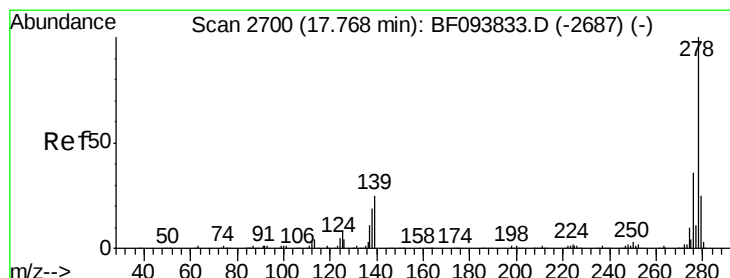
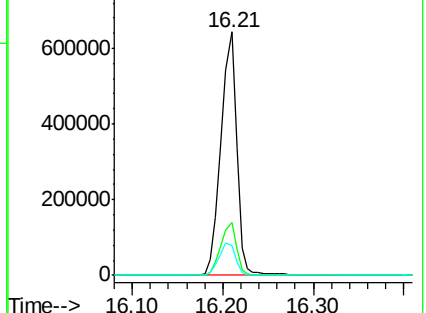
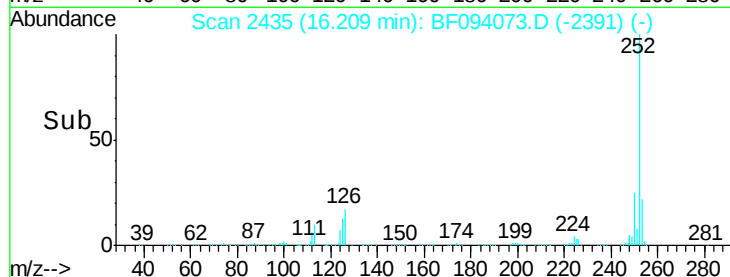
252 100

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

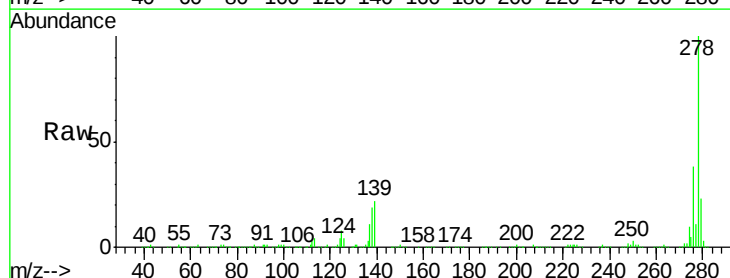
Tgt Ion:278 Resp: 662849

Ion Ratio Lower Upper

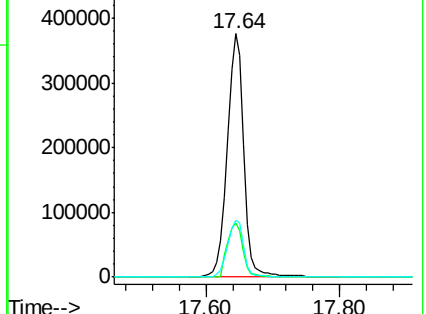
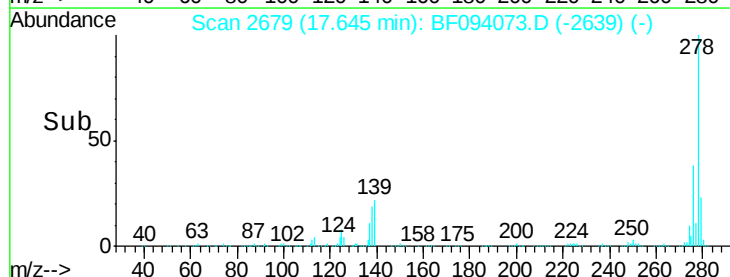
278 100

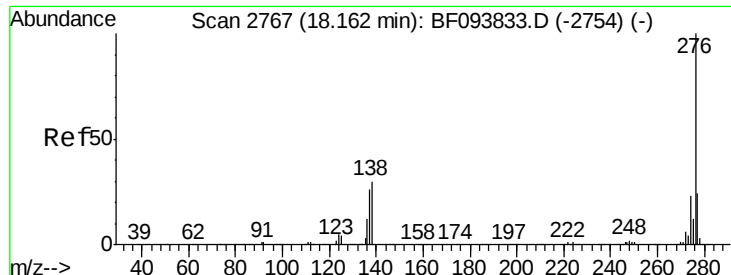
139 22.5 16.6 24.8

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(g,h,i)perylene

Concen: 39.92 ng

RT: 18.03 min Scan# 2744

Delta R.T. -0.07 min

Lab File: BF094073.D

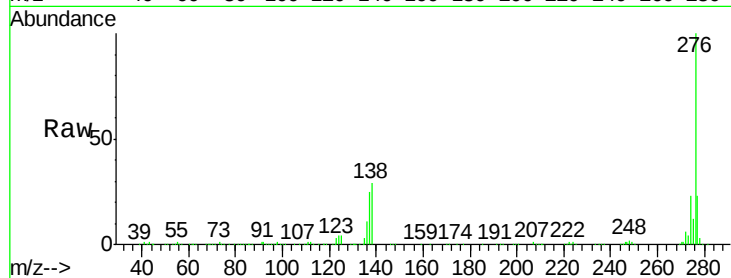
Acq: 30 Mar 2017 22:16

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)MS



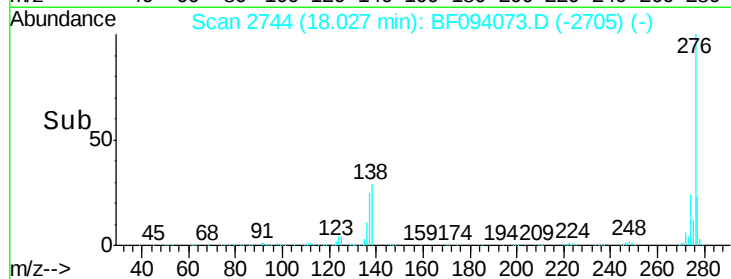
Tgt Ion: 276 Resp: 658079

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 29.4 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

