

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093854.D
 Acq On : 23 Mar 2017 1:45
 Operator : SJ/MA
 Sample : PB97750BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

Quant Time: Mar 23 03:52:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	209357	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	866035	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	392952	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	663607	20.00	ng	0.00
75) Chrysene-d12	14.72	240	514572	20.00	ng	0.00
86) Perylene-d12	16.35	264	408863	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	989956	79.87	ng	0.01
7) Phenol-d6	5.57	99	1253741	81.76	ng	0.00
23) Nitrobenzene-d5	6.64	82	1136931	74.92	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	256291	82.54	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2061690	80.03	ng	0.00
78) Terphenyl-d14	13.44	244	1565016	68.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	211947	35.59	ng	98
3) Pyridine	2.91	79	582259	35.88	ng	98
4) n-Nitrosodimethylamine	2.87	42	270922	40.57	ng	93
6) Aniline	5.60	93	366594	17.19	ng	97
8) 2-Chlorophenol	5.75	128	576212	42.29	ng	98
9) Benzaldehyde	5.47	77	172049	16.62	ng	99
10) Phenol	5.59	94	716755	41.08	ng	90
11) bis(2-Chloroethyl)ether	5.69	93	544266	39.91	ng	99
12) 1,3-Dichlorobenzene	5.92	146	612296	40.06	ng	99
13) 1,4-Dichlorobenzene	6.00	146	616618	39.84	ng	96
14) 1,2-Dichlorobenzene	6.18	146	573460	40.23	ng	98
15) Benzyl Alcohol	6.15	79	484727	43.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.32	45	827153	39.36	ng	99
17) 2-Methylphenol	6.28	107	490877	42.07	ng	98
18) Hexachloroethane	6.58	117	220921	40.61	ng	# 85
19) n-Nitroso-di-n-propylamine	6.47	70	409249	41.53	ng	97
20) 3+4-Methylphenols	6.46	107	577723	40.88	ng	# 91
22) Acetophenone	6.46	105	780175	40.42	ng	# 95
24) Nitrobenzene	6.66	77	595224	39.77	ng	96
25) Isophorone	6.95	82	1107551	41.54	ng	97
26) 2-Nitrophenol	7.03	139	314802	44.11	ng	95
27) 2,4-Dimethylphenol	7.09	122	535188	43.52	ng	99
28) bis(2-Chloroethoxy)methane	7.21	93	717729	40.82	ng	98
29) 2,4-Dichlorophenol	7.32	162	495117	43.06	ng	97
30) 1,2,4-Trichlorobenzene	7.43	180	488759	41.27	ng	98
31) Naphthalene	7.52	128	1652613	39.69	ng	100
32) Benzoic acid	7.25	122	385255m	47.06	ng	
33) 4-Chloroaniline	7.57	127	146066	8.65	ng	95
34) Hexachlorobutadiene	7.67	225	251482	41.41	ng	97
35) Caprolactam	8.03	113	162441m	44.30	ng	
36) 4-Chloro-3-methylphenol	8.19	107	516032	42.95	ng	90
37) 2-Methylnaphthalene	8.36	142	1160305	41.80	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	405556	37.73	ng	98
40) Hexachlorocyclopentadiene	8.56	237	466669	92.77	ng	99

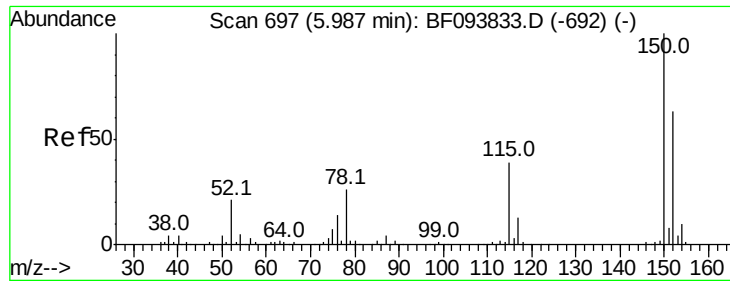
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.71	196	341281	44.87	nq	98
43) 2,4,5-Trichlorophenol	8.76	196	319721	38.85	nq	93
45) 1,1'-Biphenyl	8.94	154	1273747	40.19	nq	98
46) 2-Chloronaphthalene	8.96	162	1003847	40.46	nq	94
47) 2-Nitroaniline	9.08	65	294356	39.99	nq	# 82
48) Acenaphthylene	9.47	152	1614529	39.15	nq	99
49) Dimethylphthalate	9.33	163	1169978	41.89	nq	99
50) 2,6-Dinitrotoluene	9.39	165	268114	41.87	nq	# 89
51) Acenaphthene	9.68	154	947208	39.37	nq	100
52) 3-Nitroaniline	9.58	138	104104	13.85	nq	90
53) 2,4-Dinitrophenol	9.72	184	268125	78.35	nq	# 68
54) Dibenzofuran	9.89	168	1380140	42.14	nq	98
55) 4-Nitrophenol	9.80	139	470718	79.94	nq	# 68
56) 2,4-Dinitrotoluene	9.88	165	340363	42.32	nq	# 78
57) Fluorene	10.32	166	998293	36.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	247668	43.86	nq	99
59) Diethylphthalate	10.19	149	1144393	41.45	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	432700	37.40	nq	91
61) 4-Nitroaniline	10.34	138	270537	37.49	nq	95
62) Azobenzene	10.52	77	1125326	43.09	nq	97
64) 4,6-Dinitro-2-methylphenol	10.38	198	179042	44.05	nq	# 76
65) n-Nitrosodiphenylamine	10.47	169	947086	41.27	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	274335	42.03	nq	98
67) Hexachlorobenzene	10.99	284	276584	41.86	nq	# 86
68) Atrazine	11.13	200	276341	40.20	nq	95
69) Pentachlorophenol	11.23	266	315202	76.65	nq	99
70) Phenanthrene	11.49	178	1472588	39.89	nq	99
71) Anthracene	11.56	178	1504151	39.57	nq	100
72) Carbazole	11.75	167	1409006	36.15	nq	98
73) Di-n-butylphthalate	12.20	149	1706859	42.11	nq	100
74) Fluoranthene	12.96	202	1477238	39.08	nq	99
76) Benzidine	13.12	184	535237	26.28	nq	98
77) Pyrene	13.23	202	1497383	40.10	nq	100
79) Butylbenzylphthalate	14.05	149	713282	44.83	nq	89
80) Benzo(a)anthracene	14.70	228	1219017	40.63	nq	99
81) 3,3'-Dichlorobenzidine	14.67	252	185186	17.27	nq	# 95
82) Chrysene	14.75	228	1061016	38.10	nq	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	978402	45.07	nq	100
84) Di-n-octyl phthalate	15.52	149	1639532	45.21	nq	99
85) Indeno(1,2,3-cd)pyrene	17.74	276	916520	38.00	nq	99
87) Benzo(b)fluoranthene	15.94	252	1029465	41.08	nq	97
88) Benzo(k)fluoranthene	15.97	252	998821	40.73	nq	97
89) Benzo(a)pyrene	16.29	252	946164	41.00	nq	98
90) Dibenzo(a,h)anthracene	17.77	278	758886	38.83	nq	97
91) Benzo(g,h,i)perylene	18.16	276	747886	37.97	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.99 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

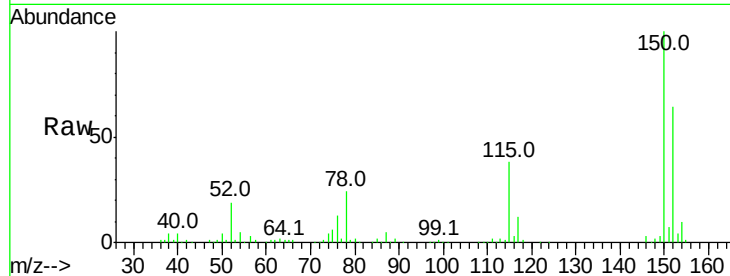
Tot Ion:152 Resp: 209357

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

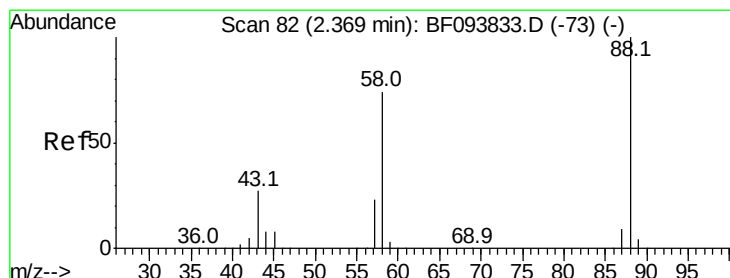
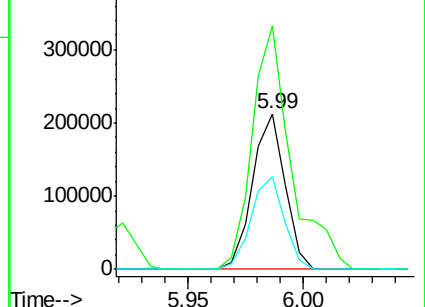
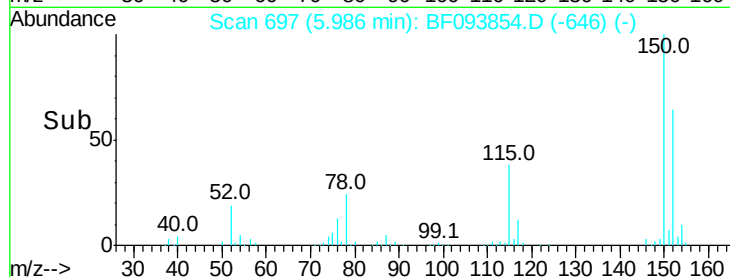
115 59.8 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.59 ng

RT: 2.46 min Scan# 97

Delta R.T. 0.09 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

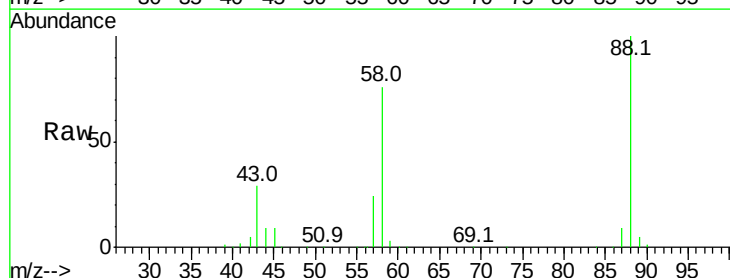
Tgt Ion: 88 Resp: 211947

Ion Ratio Lower Upper

88 100

58 74.9 61.4 92.0

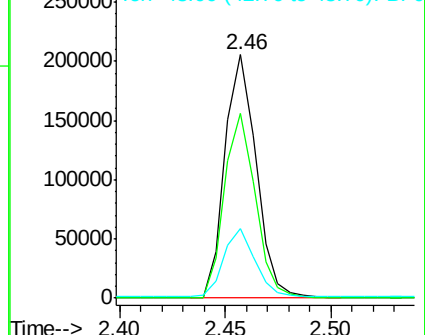
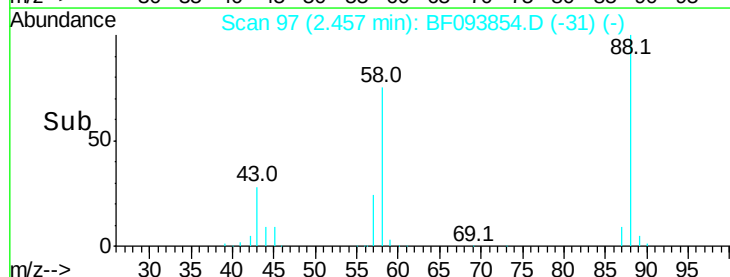
43 28.6 23.4 35.0

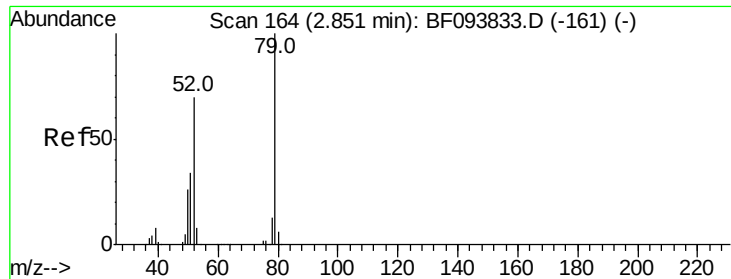


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

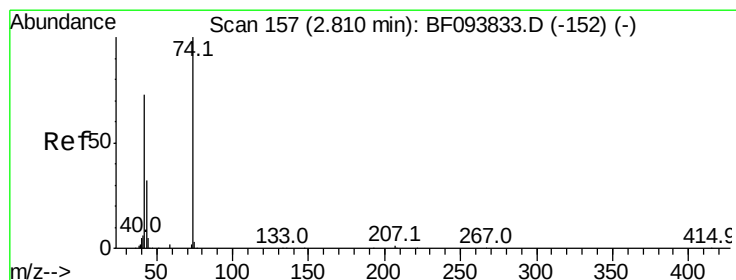
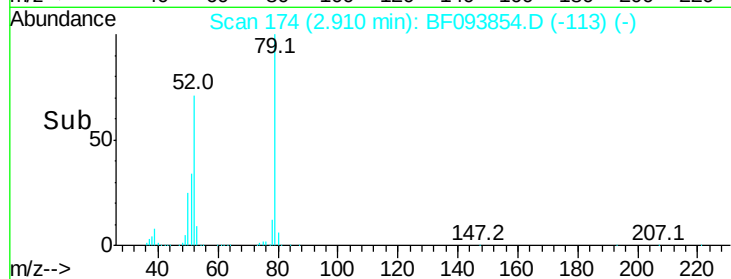
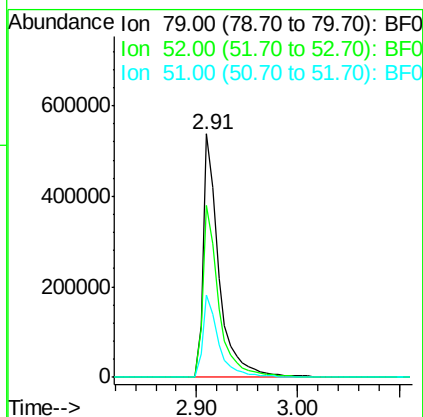
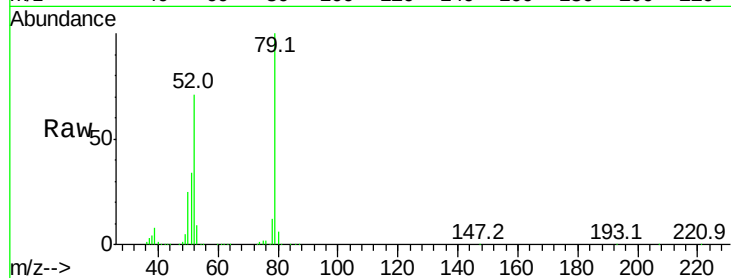




#3
 Pvridine
 Concen: 35.88 ng
 RT: 2.91 min Scan# 174
 Delta R.T. 0.06 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

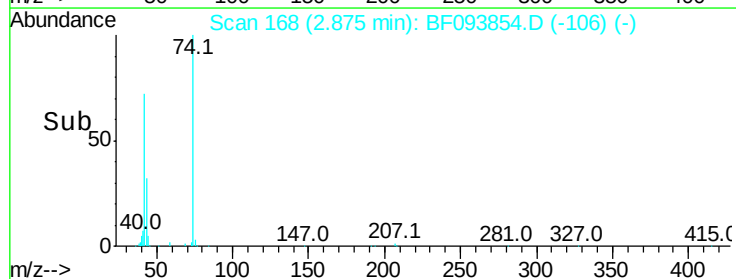
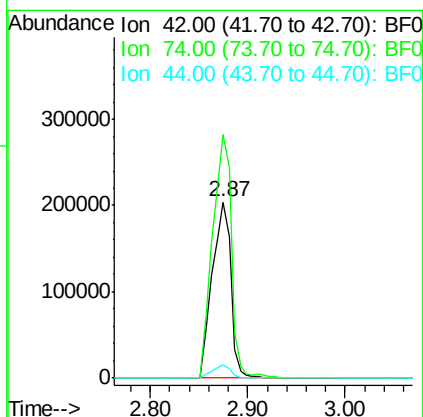
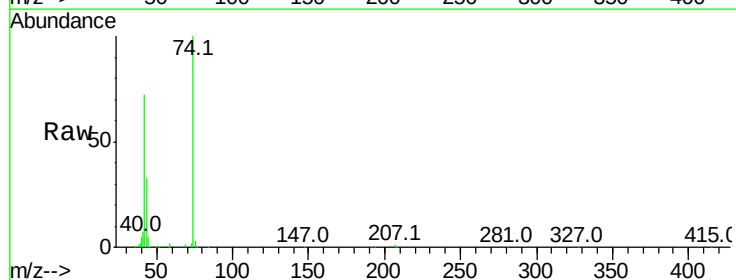
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

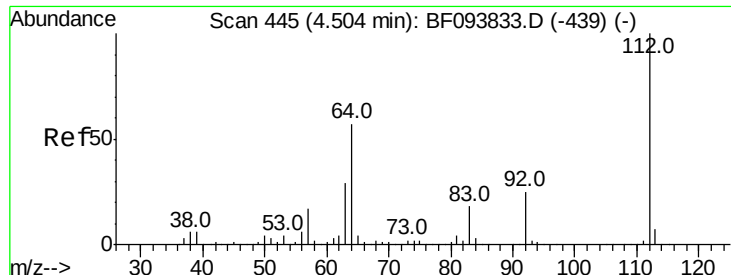
Tot Ion: 79 Resp: 582259
 Ion Ratio Lower Upper
 79 100
 52 70.6 54.8 82.2
 51 33.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 40.57 ng
 RT: 2.87 min Scan# 168
 Delta R.T. 0.06 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion: 42 Resp: 270922
 Ion Ratio Lower Upper
 42 100
 74 138.2 103.9 155.9
 44 7.3 5.7 8.5

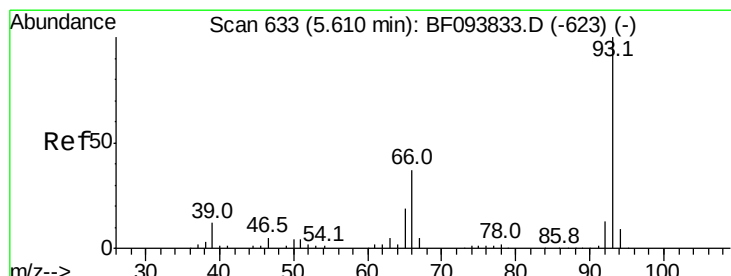
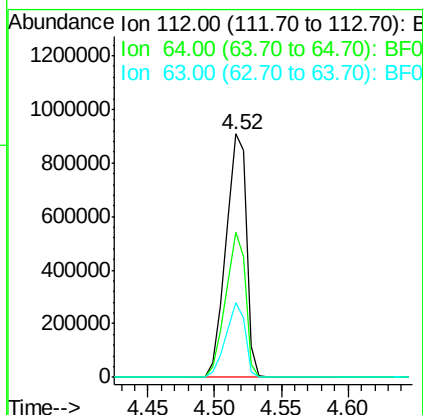
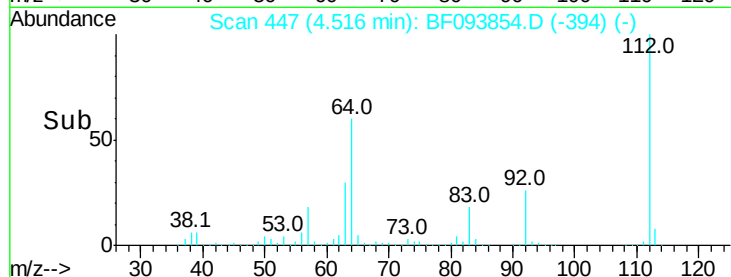
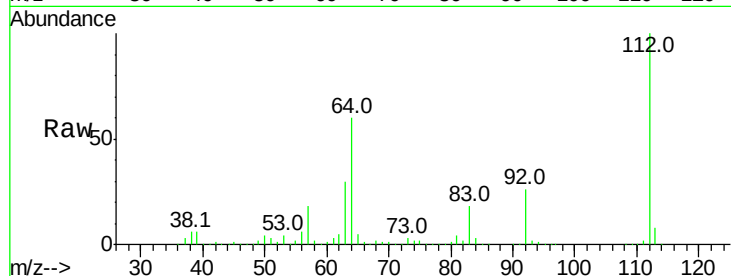




#5
 2-Fluorophenol
 Concen: 79.87 ng
 RT: 4.52 min Scan# 447
 Delta R.T. 0.01 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

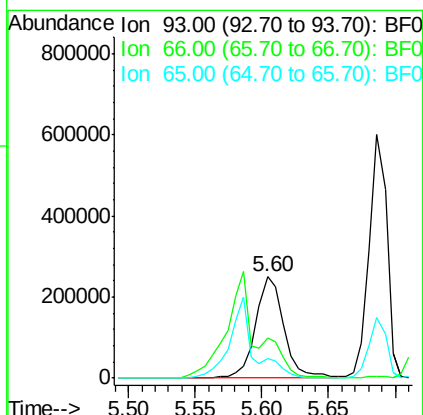
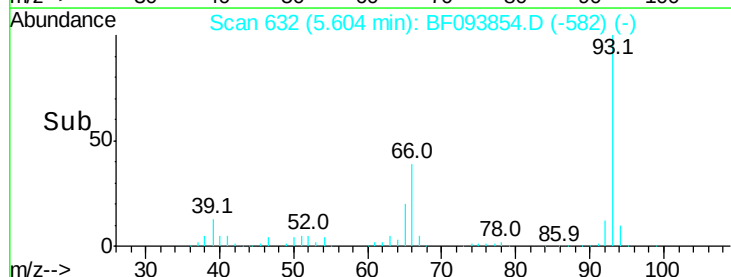
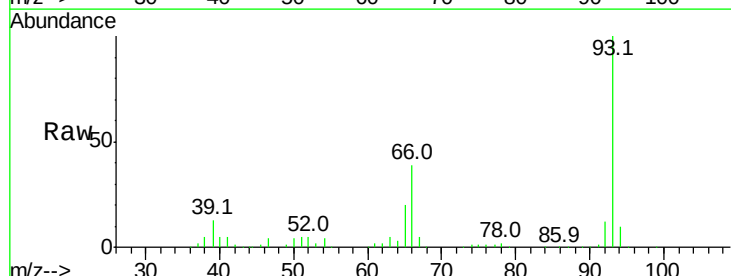
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

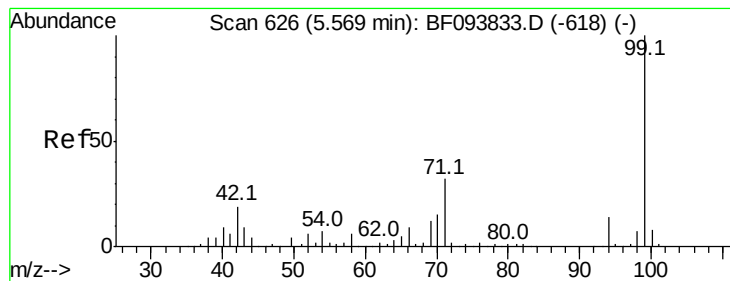
Tot Ion:	112	Resp:	989956
Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.0	69.0
63	30.4	23.4	35.0



#6
 Aniline
 Concen: 17.19 ng
 RT: 5.60 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion:	93	Resp:	366594
Ion	Ratio	Lower	Upper
93	100		
66	39.0	32.9	49.3
65	19.6	16.0	24.0





#7

Phenol-d6

Concen: 81.76 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

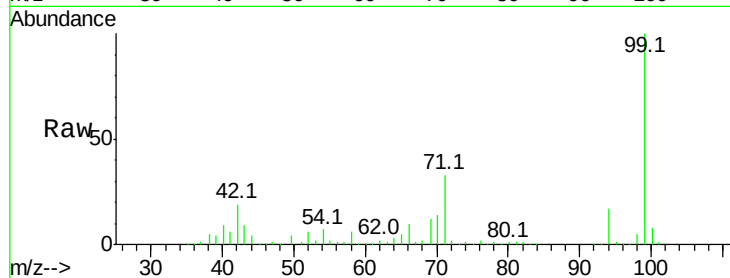
Tot Ion: 99 Resp: 1253741

Ion Ratio Lower Upper

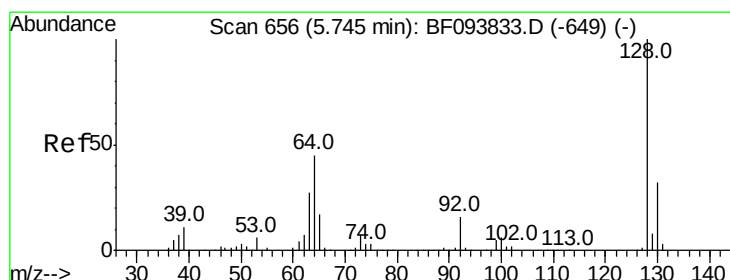
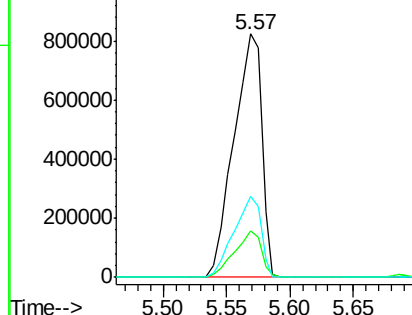
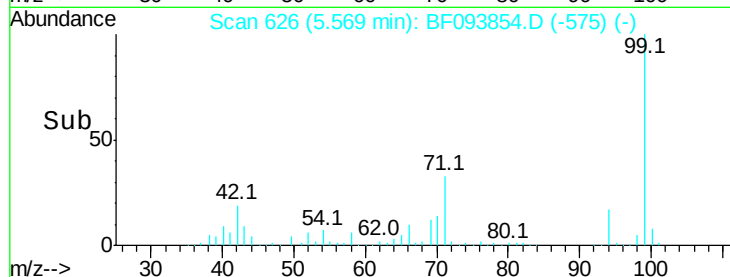
99 100

42 18.9 13.5 20.3

71 33.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.29 ng

RT: 5.75 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

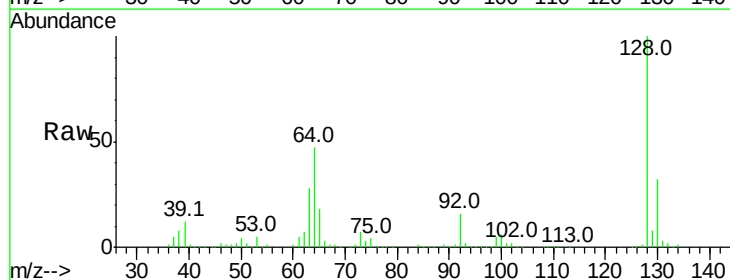
Tgt Ion: 128 Resp: 576212

Ion Ratio Lower Upper

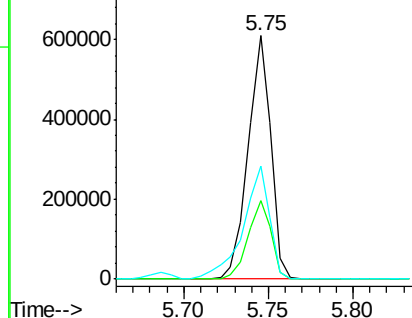
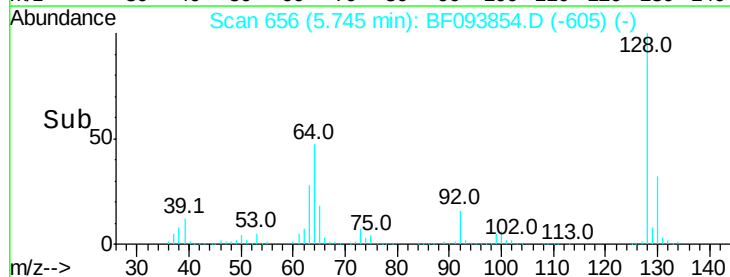
128 100

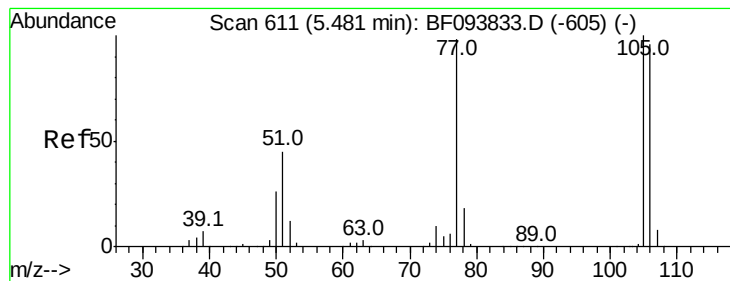
130 32.5 12.9 52.9

64 46.5 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: 16.62 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

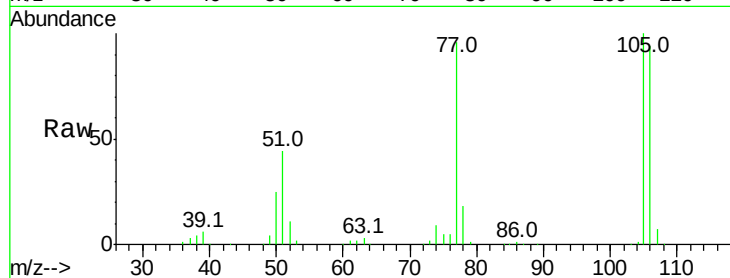
Tot Ion: 77 Resp: 172049

Ion Ratio Lower Upper

77 100

105 104.3 83.8 123.8

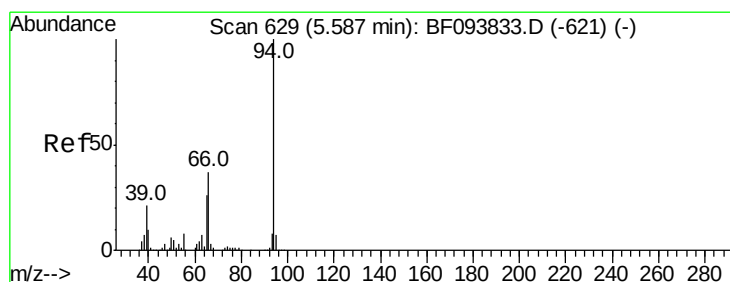
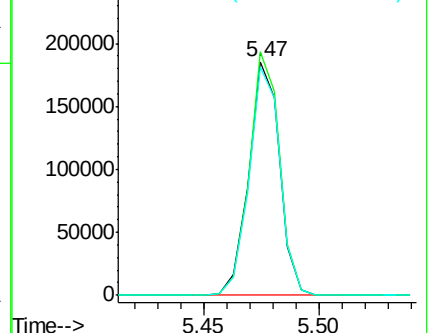
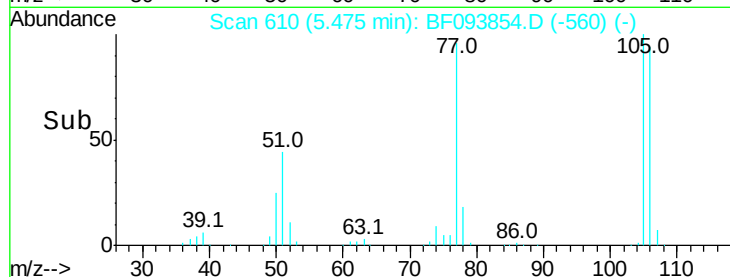
106 97.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.08 ng

RT: 5.59 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

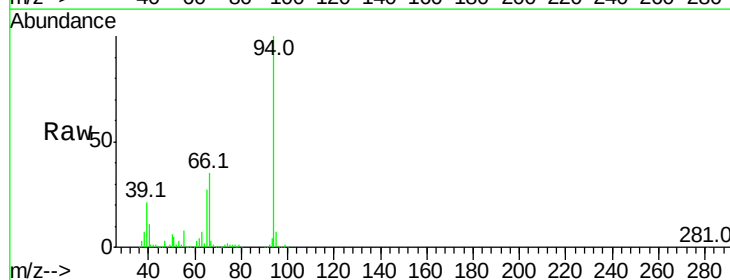
Tgt Ion: 94 Resp: 716755

Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

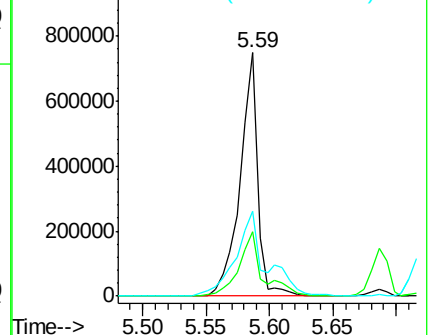
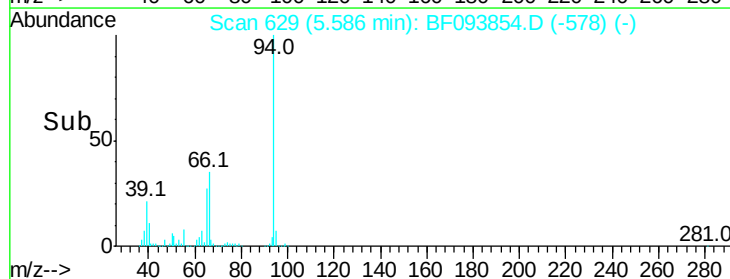
66 34.9 23.1 63.1

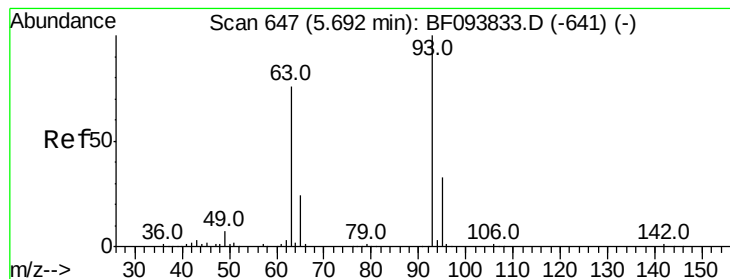


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.91 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

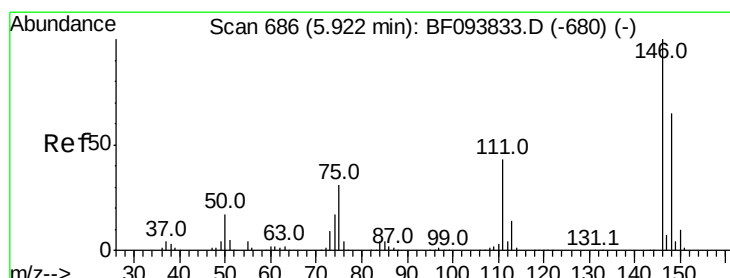
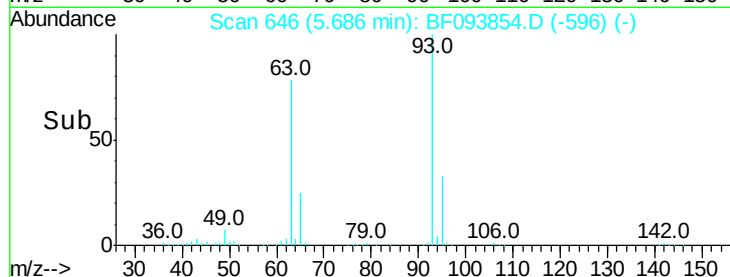
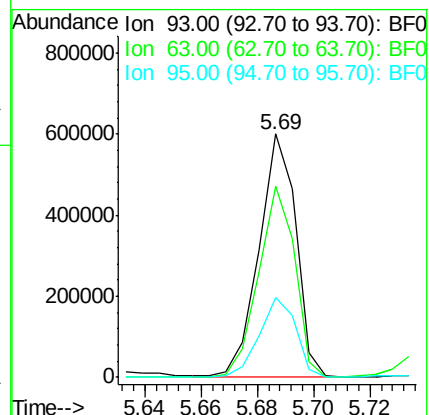
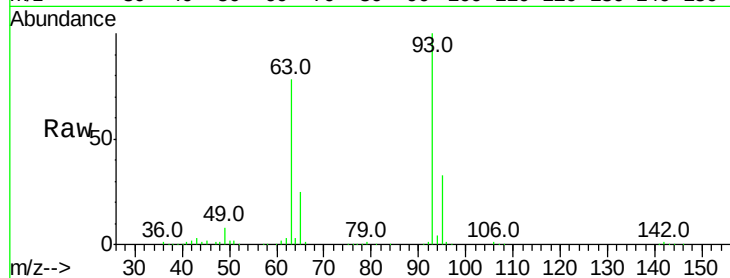
Tot Ion: 93 Resp: 544266

Ion Ratio Lower Upper

93 100

63 78.3 59.2 99.2

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.06 ng

RT: 5.92 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

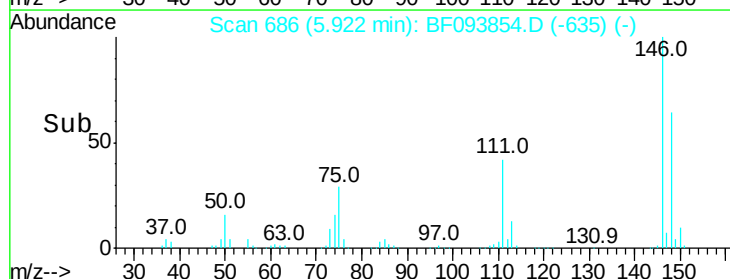
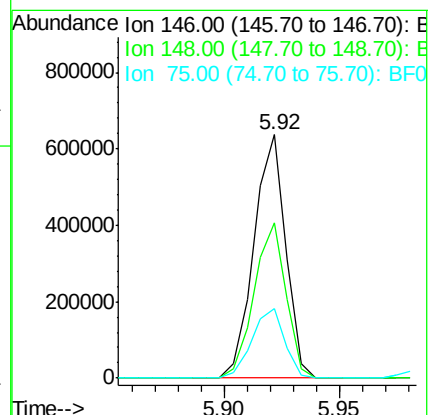
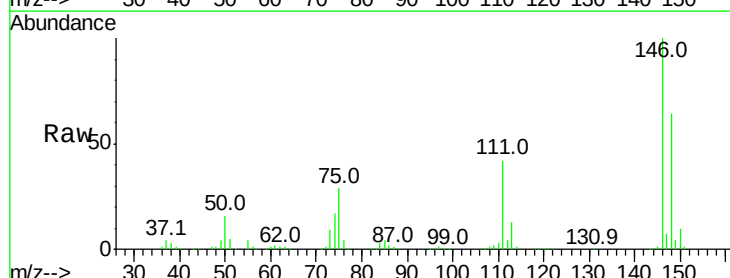
Tgt Ion: 146 Resp: 612296

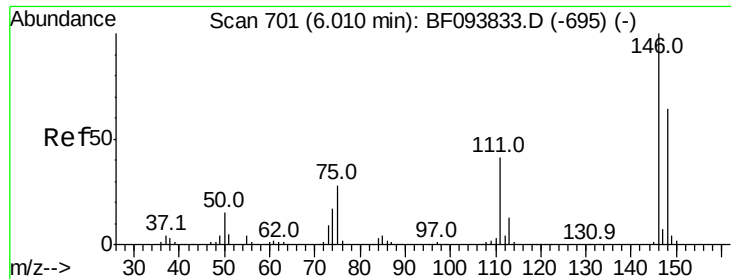
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

75 28.7 23.1 34.7

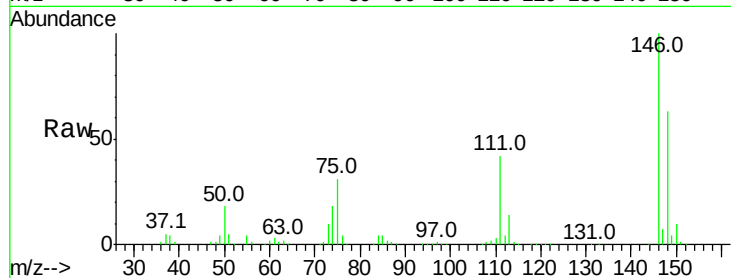




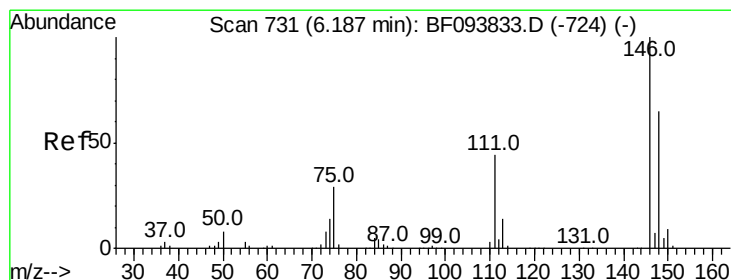
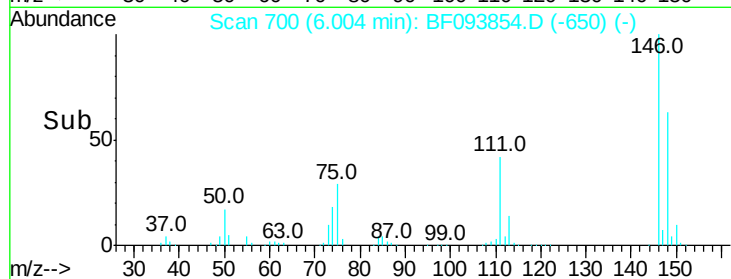
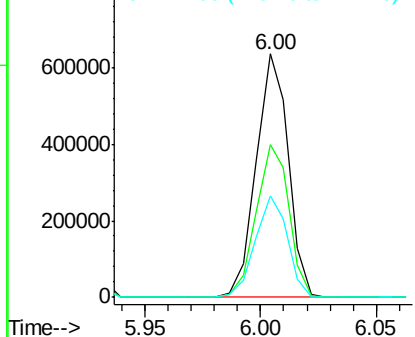
#13
 1,4-Dichlorobenzene
 Concen: 39.84 ng
 RT: 6.00 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

Tot Ion:146 Resp: 616618
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.2
 111 41.7 30.3 45.5

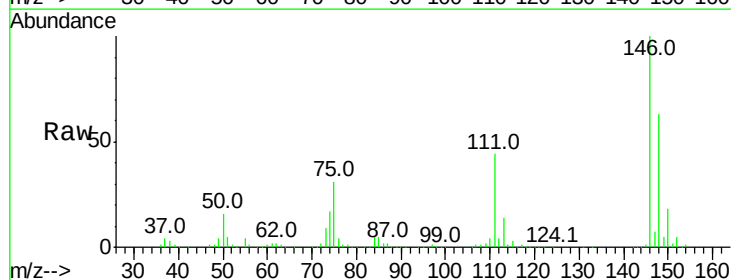


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

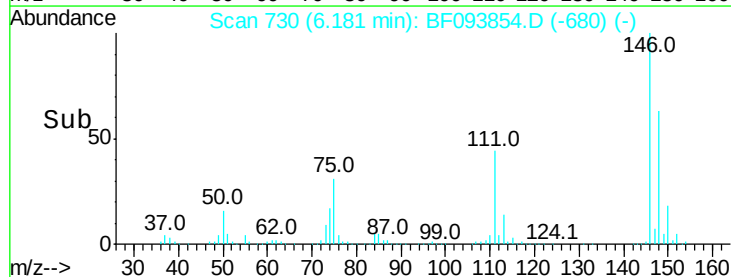
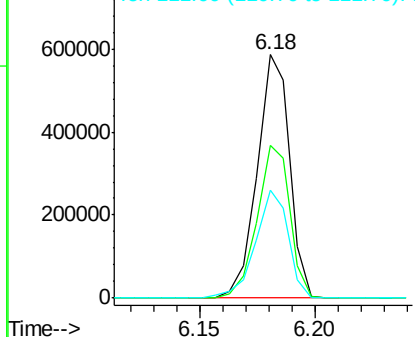


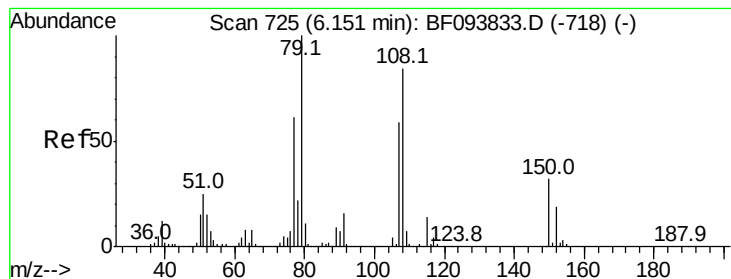
#14
 1,2-Dichlorobenzene
 Concen: 40.23 ng
 RT: 6.18 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion:146 Resp: 573460
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.4 75.6
 111 44.4 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 43.19 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

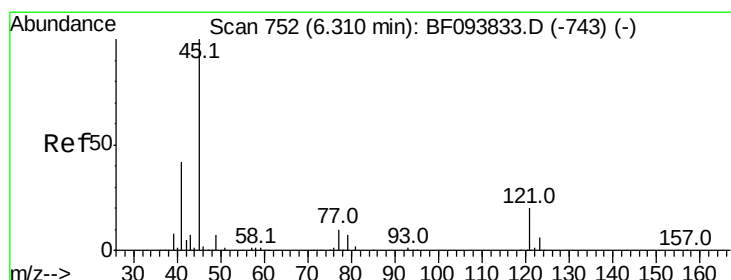
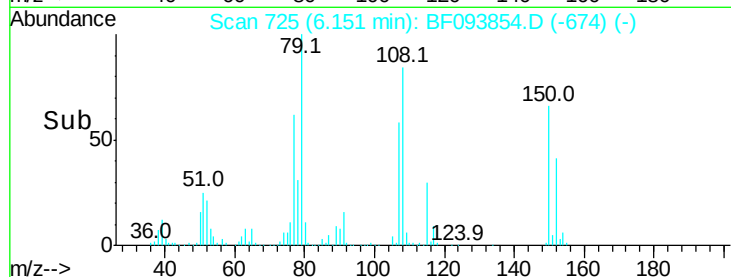
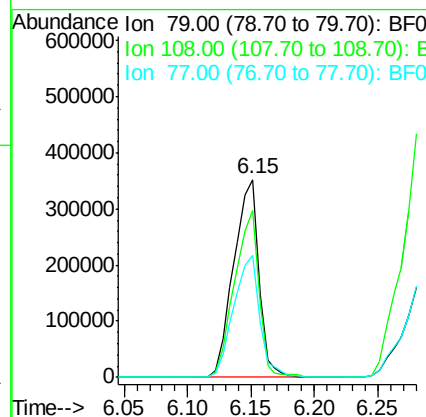
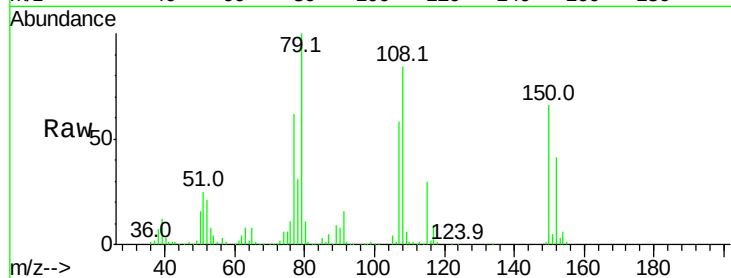
Tot Ion: 79 Resp: 484727

Ion Ratio Lower Upper

79 100

108 83.9 63.4 95.0

77 61.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.36 ng

RT: 6.32 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

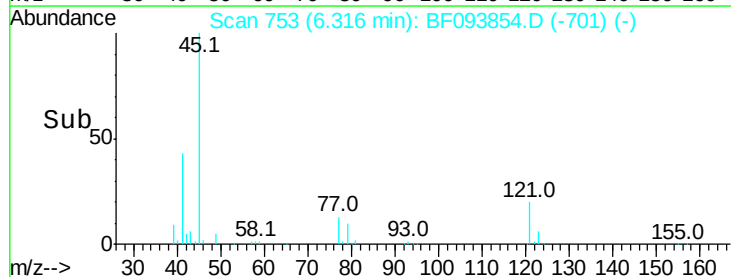
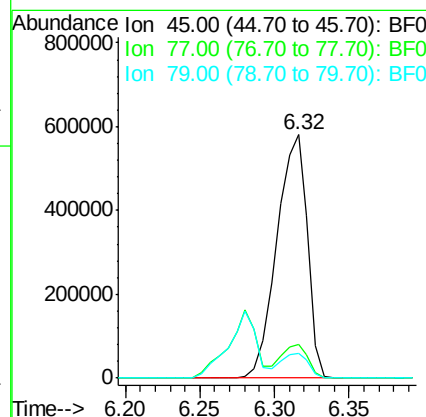
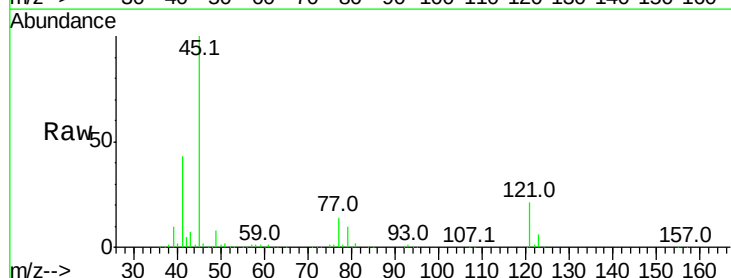
Tgt Ion: 45 Resp: 827153

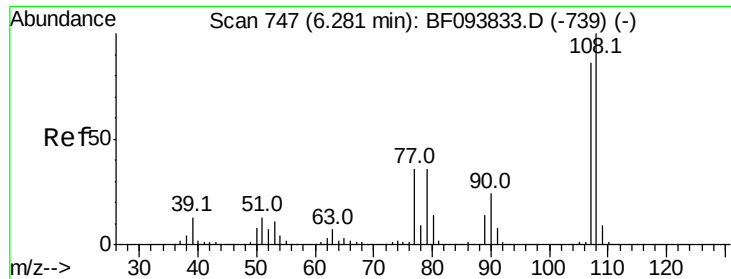
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.2

79 10.4 0.0 30.0

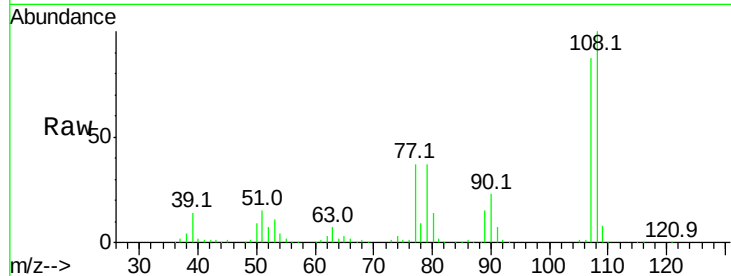




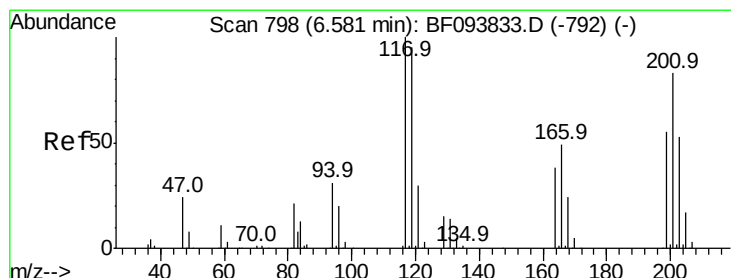
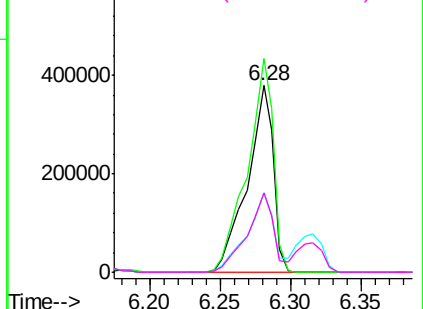
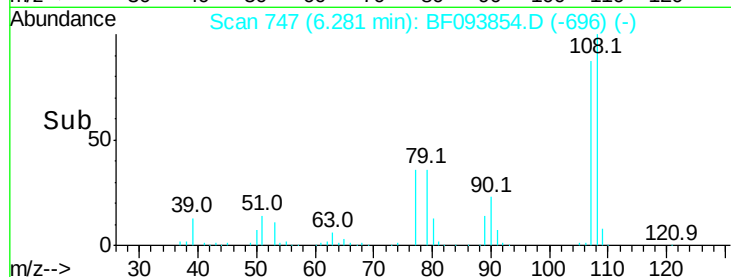
#17
2-Methylphenol
Concen: 42.07 ng
RT: 6.28 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Instrument :
BNA_F
ClientSampleId :
PB97750BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.4	140.0
77	42.7	35.8	53.6
79	42.4	34.8	52.2

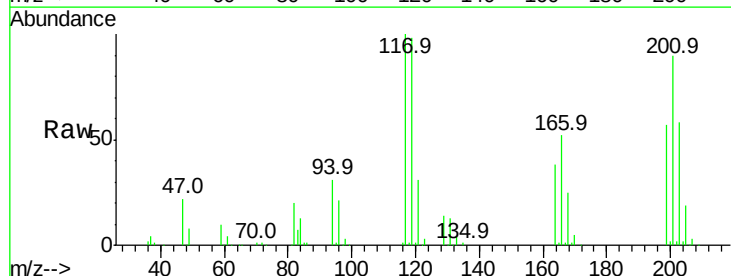


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

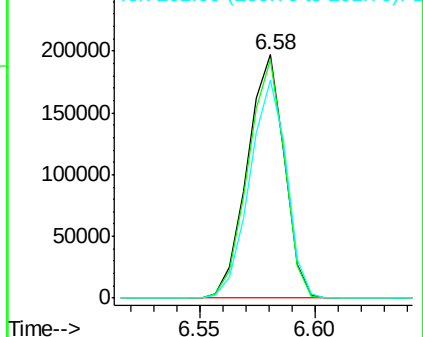
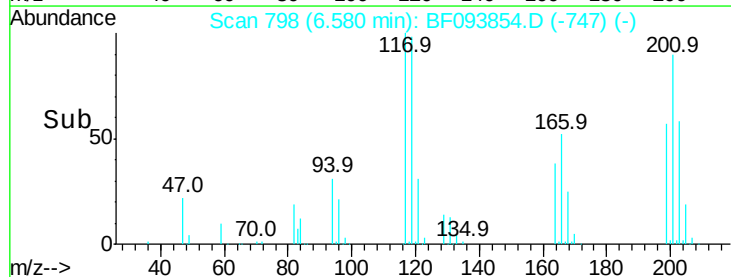


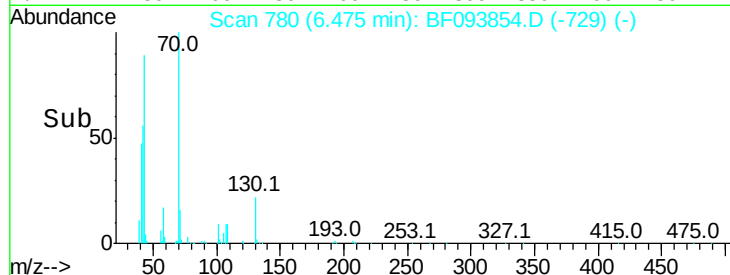
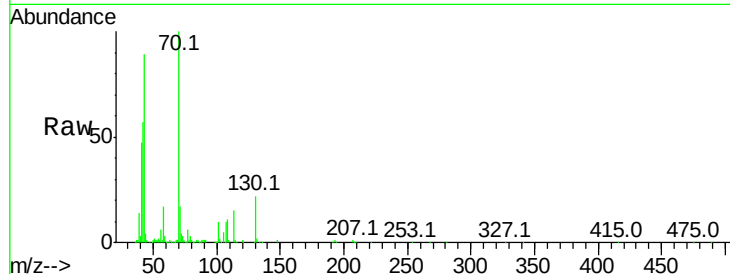
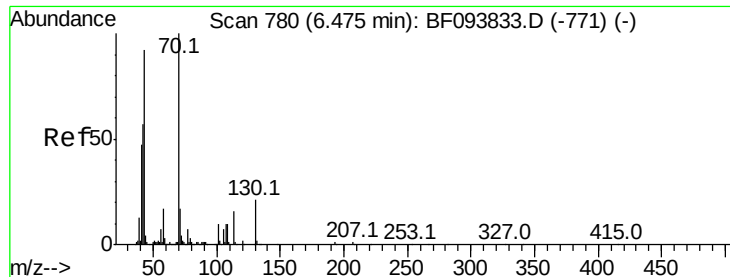
#18
Hexachloroethane
Concen: 40.61 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.0
201	89.7	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

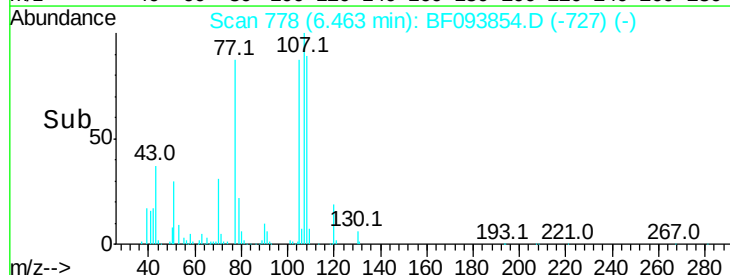
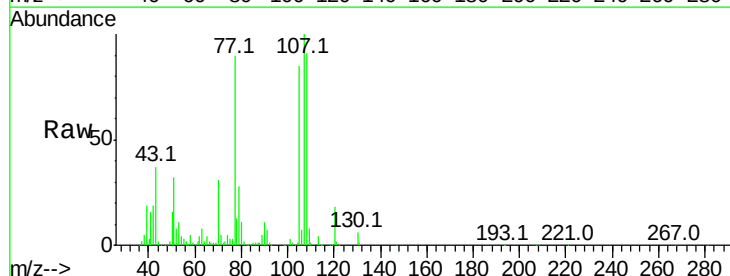
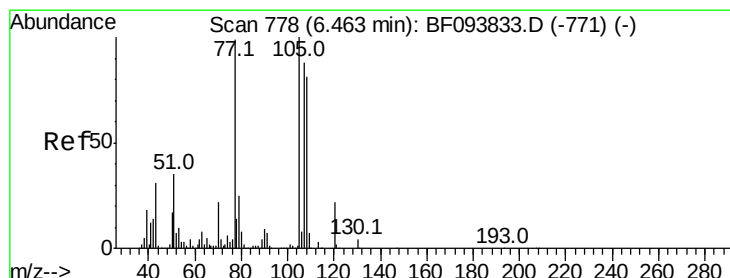
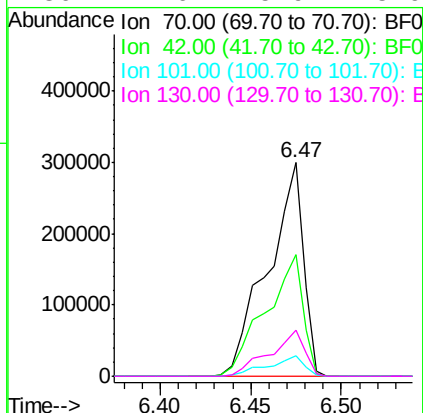




#19
n-Nitroso-di-n-propylamine
Concen: 41.53 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

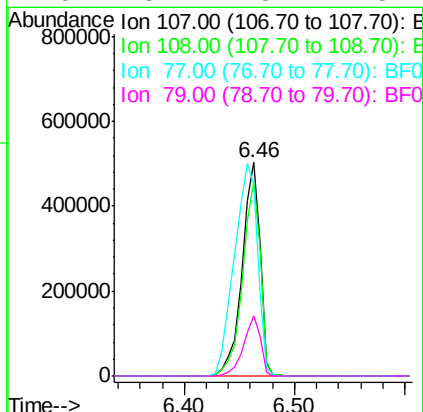
Instrument :
BNA_F
ClientSampleId :
PB97750BS

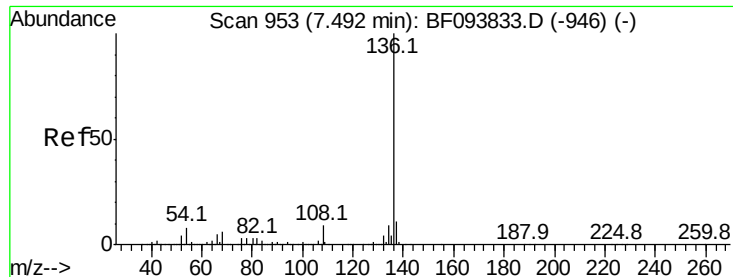
Tot Ion:	70	Resp:	409249
Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.2	70.8
101	9.5	7.2	10.8
130	21.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.88 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Tgt Ion:	107	Resp:	577723
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.0	111.0
77	90.0	90.5	130.5#
79	28.2	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.49 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

Tot Ion:136 Resp: 866035

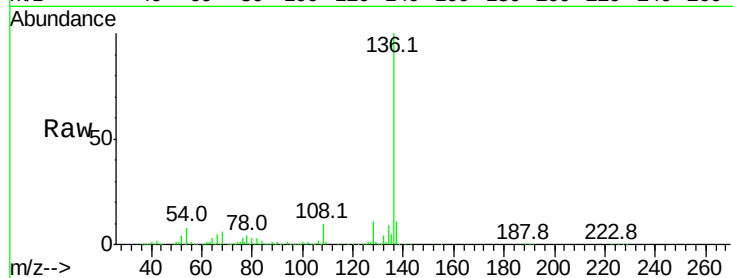
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 6.2 4.1 6.1#

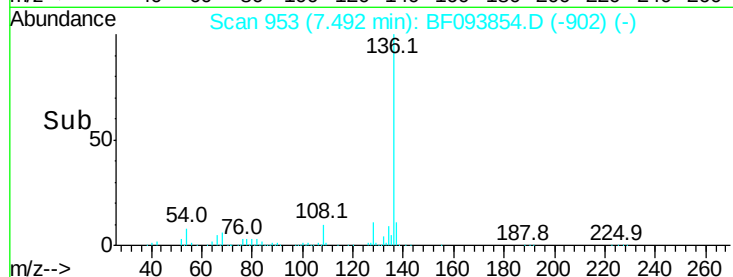


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

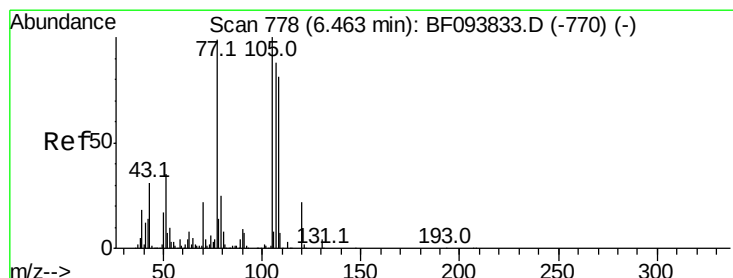
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Abundance

Time-->



#22

Acetophenone

Concen: 40.42 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Tgt Ion:105 Resp: 780175

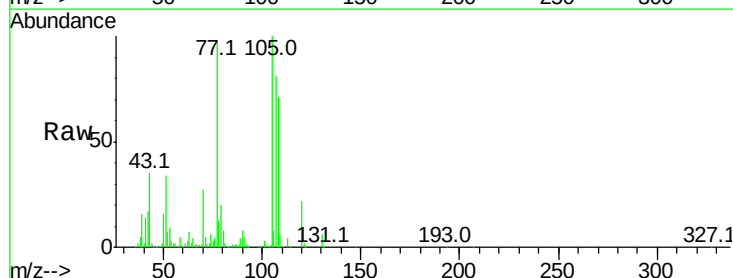
Ion Ratio Lower Upper

105 100

71 4.6 2.8 4.2#

51 34.1 30.7 46.1

120 21.8 17.4 26.0

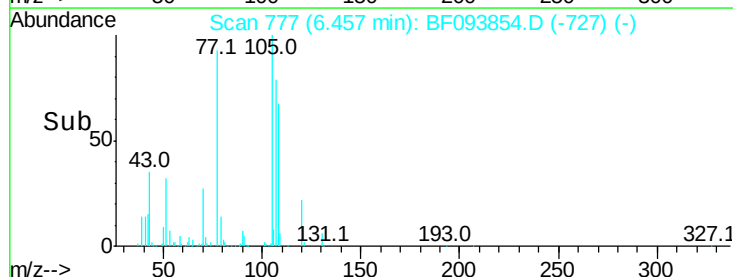


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

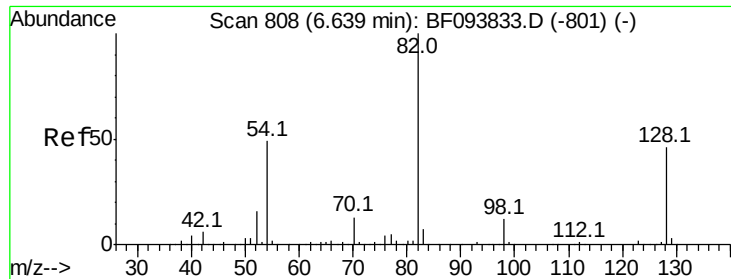
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Abundance

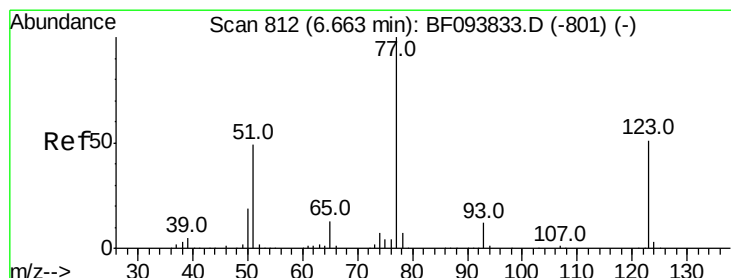
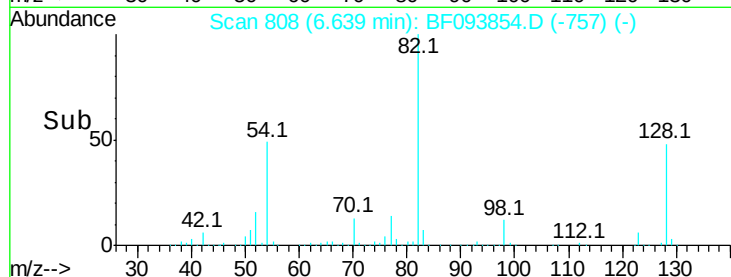
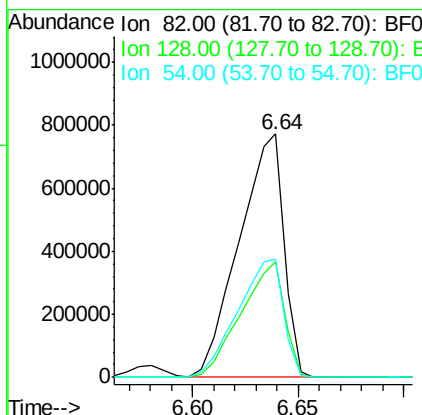
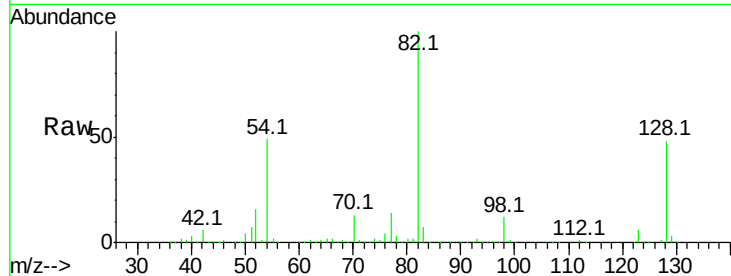
Time-->



#23
 Nitrobenzene-d5
 Concen: 74.92 ng
 RT: 6.64 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

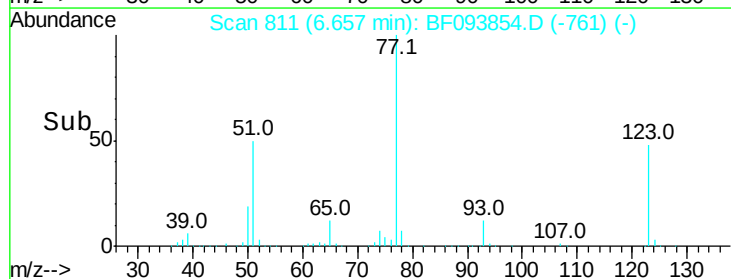
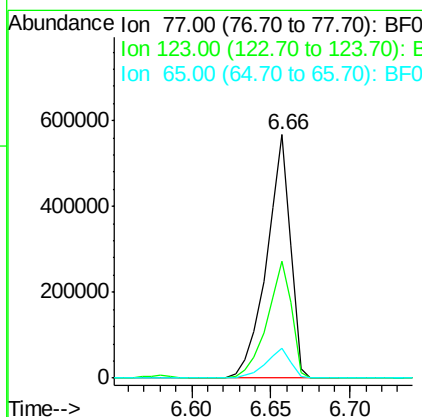
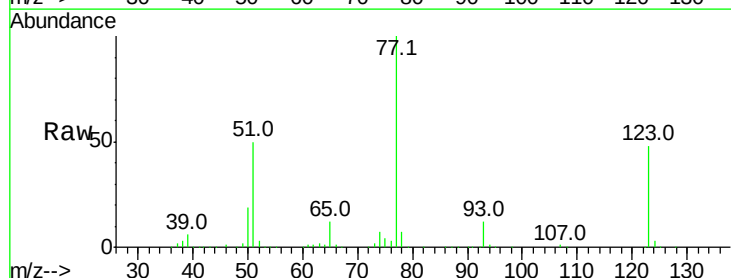
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

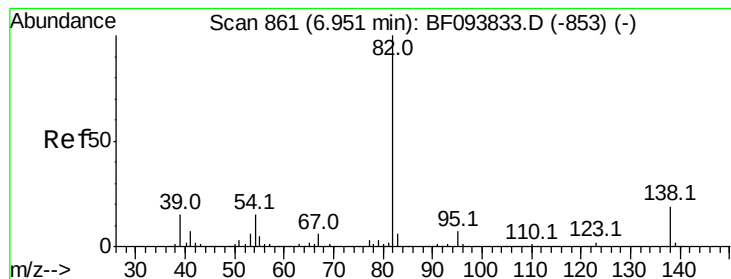
Tot Ion: 82 Resp: 1136931
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 48.8 42.2 63.2



#24
 Nitrobenzene
 Concen: 39.77 ng
 RT: 6.66 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion: 77 Resp: 595224
 Ion Ratio Lower Upper
 77 100
 123 48.1 35.8 53.8
 65 12.3 10.6 15.8





#25

Isophorone

Concen: 41.54 ng

RT: 6.95 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

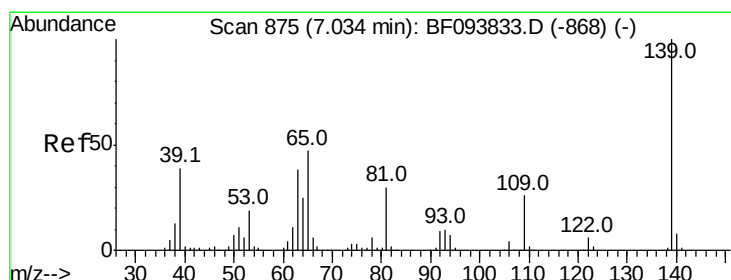
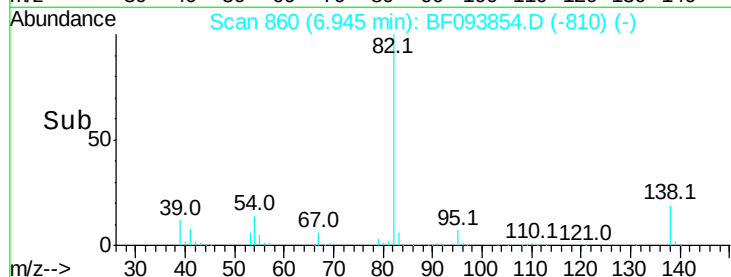
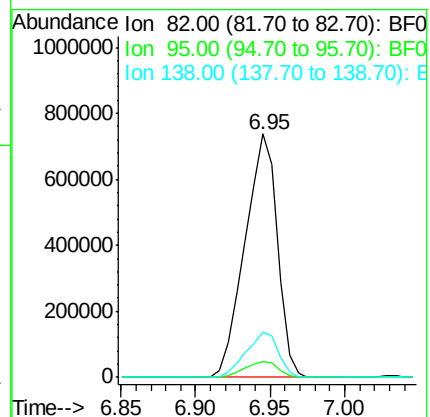
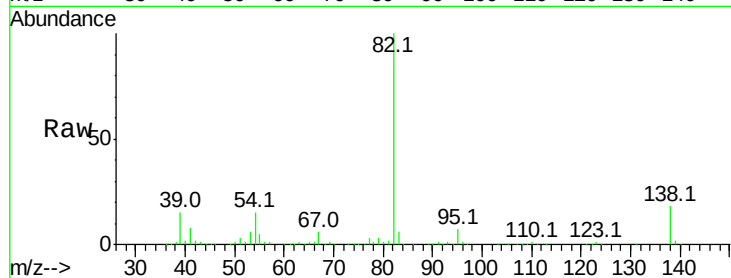
Tot Ion: 82 Resp: 1107551

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 44.11 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

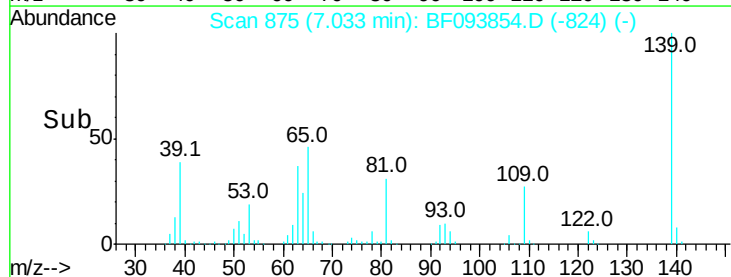
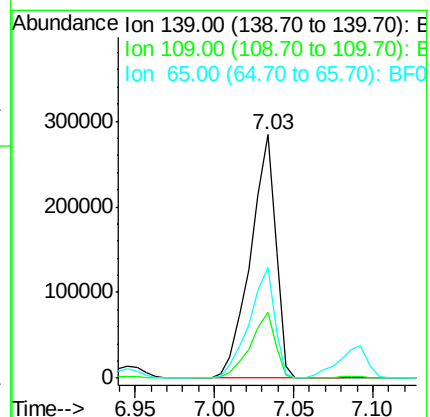
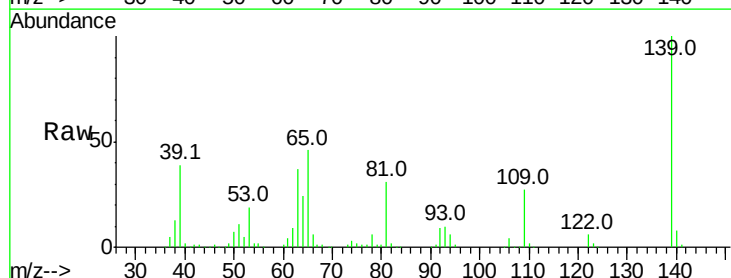
Tgt Ion: 139 Resp: 314802

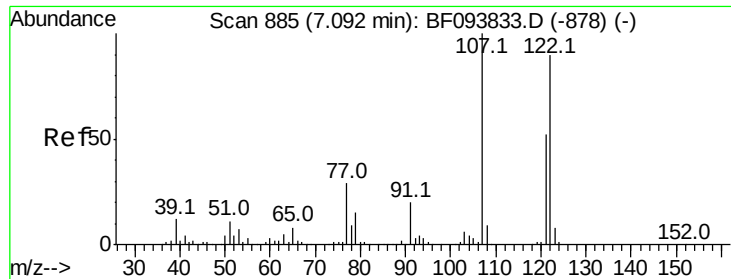
Ion Ratio Lower Upper

139 100

109 26.8 21.0 31.6

65 45.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 43.52 ng

RT: 7.09 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

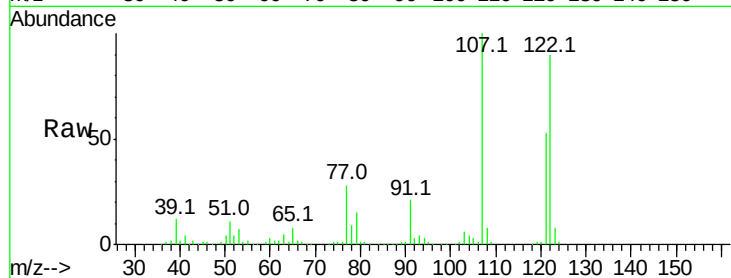
Tot Ion:122 Resp: 535188

Ion Ratio Lower Upper

122 100

107 110.7 89.2 133.8

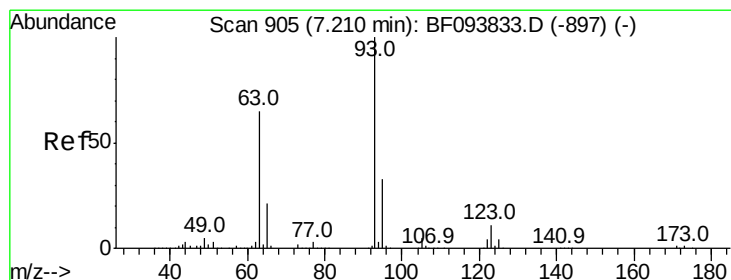
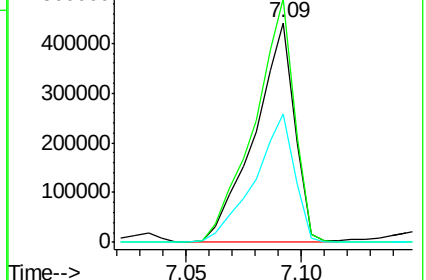
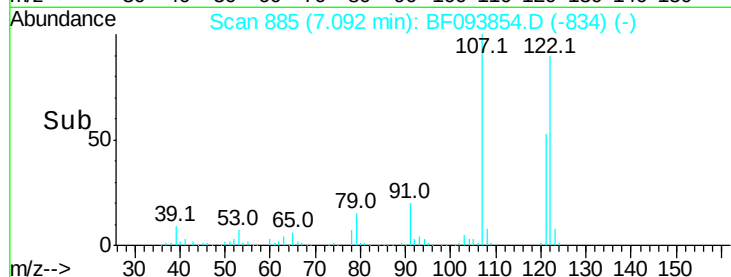
121 58.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.82 ng

RT: 7.21 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

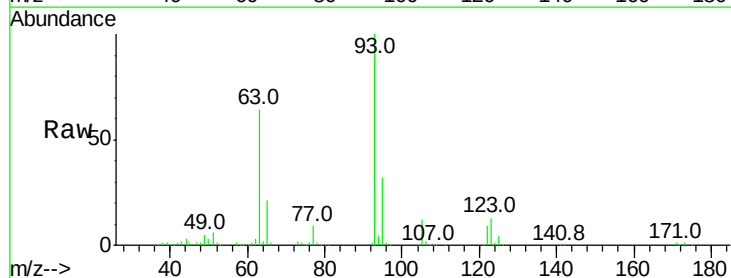
Tgt Ion: 93 Resp: 717729

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

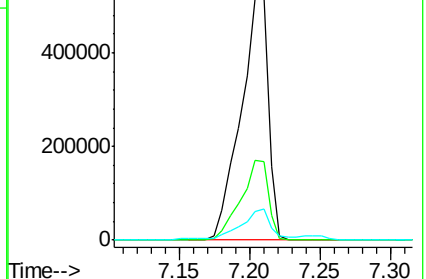
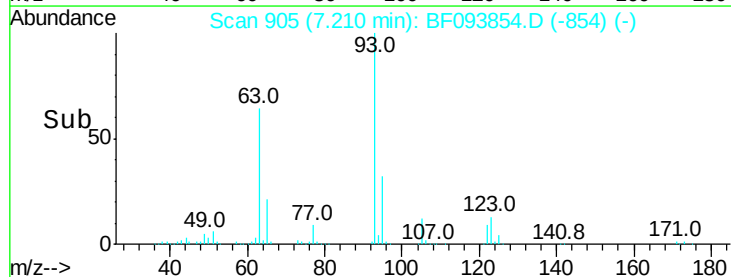
123 12.6 9.0 13.4

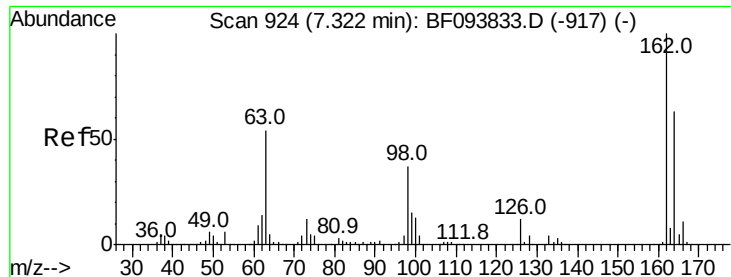


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

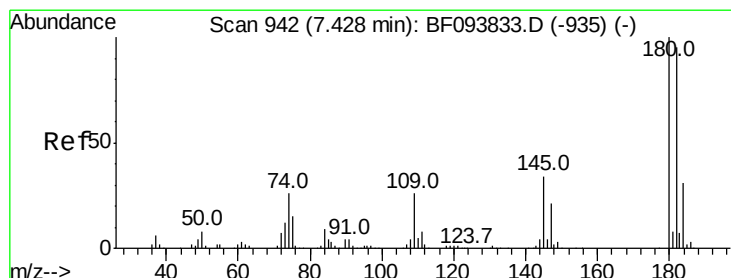
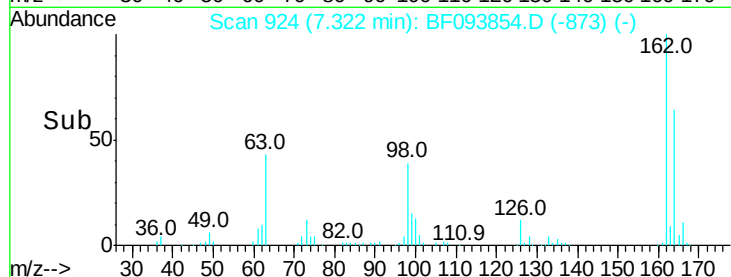
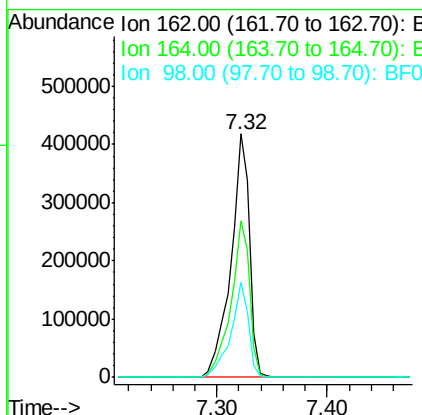
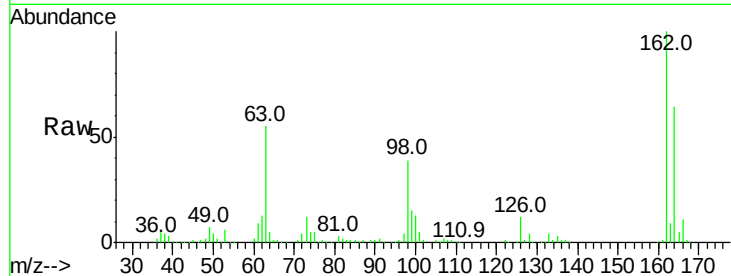




#29
 2,4-Dichlorophenol
 Concen: 43.06 ng
 RT: 7.32 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

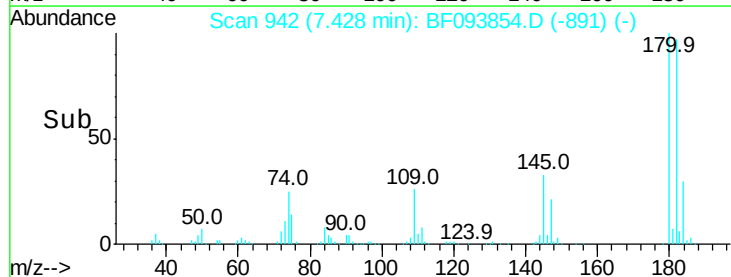
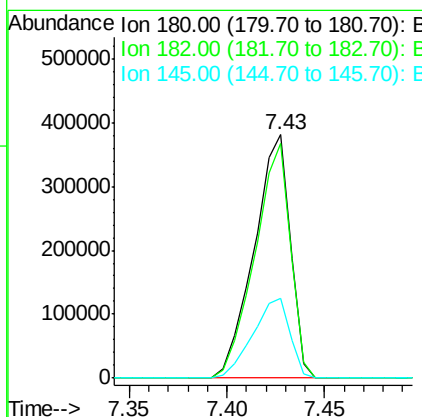
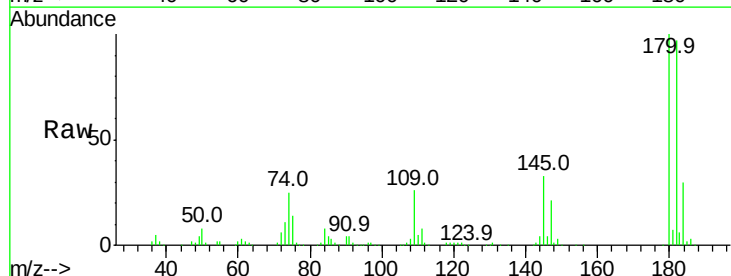
Instrument :
 BNA_F
 ClientSampled :
 PB97750BS

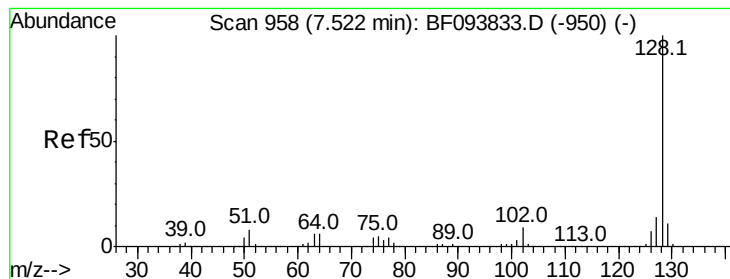
Tot Ion:162 Resp: 495117
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.6 84.6
 98 38.9 14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.27 ng
 RT: 7.43 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion:180 Resp: 488759
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.8 113.6
 145 32.6 25.3 37.9





#31

Naphthalene

Concen: 39.69 ng

RT: 7.52 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

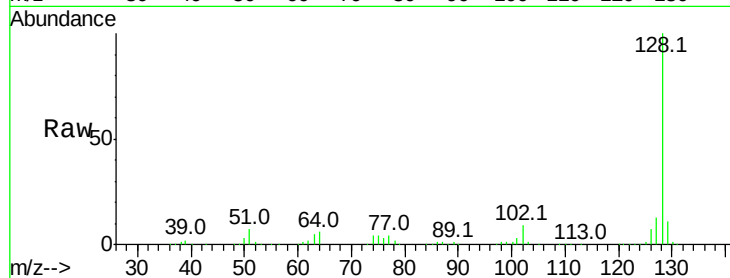
Tot Ion:128 Resp: 1652613

Ion Ratio Lower Upper

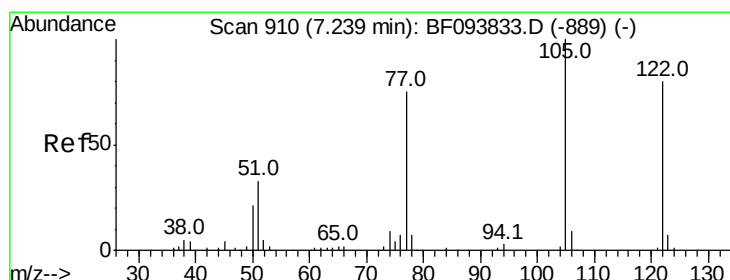
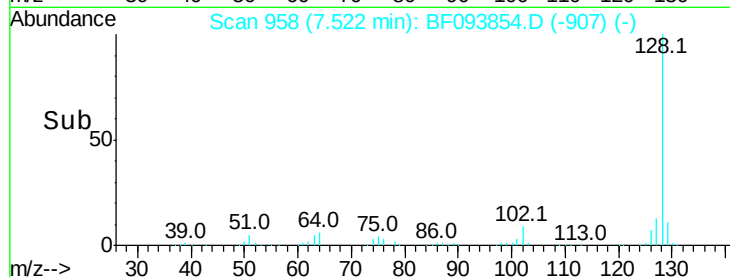
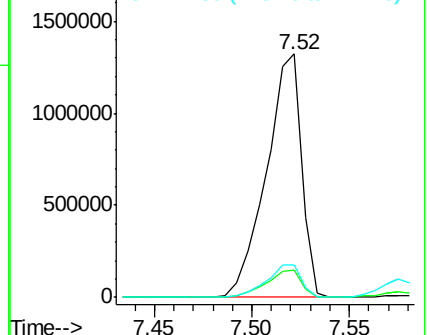
128 100

129 11.1 9.0 13.6

127 13.4 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: 47.06 ng m

RT: 7.25 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

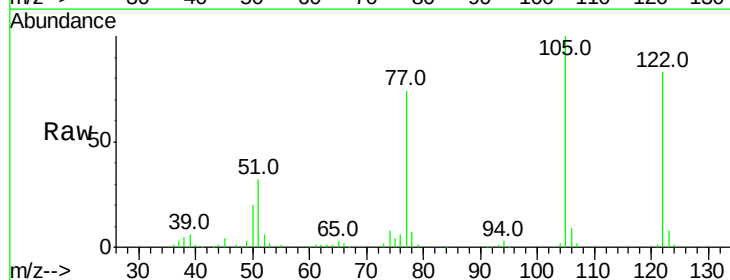
Tgt Ion:122 Resp: 385255

Ion Ratio Lower Upper

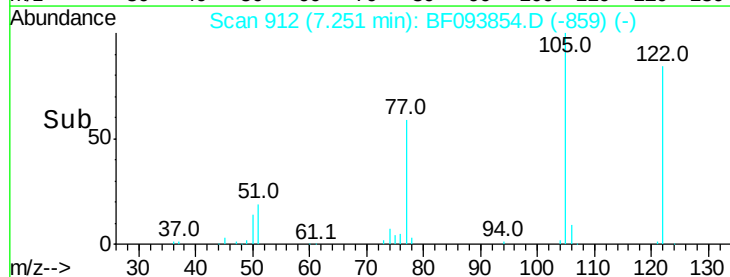
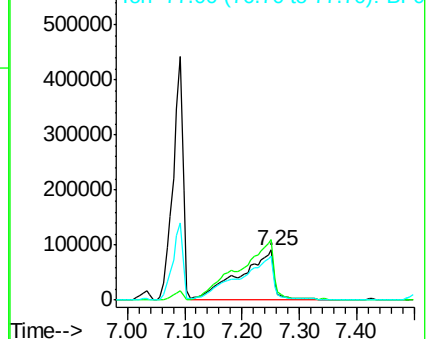
122 100

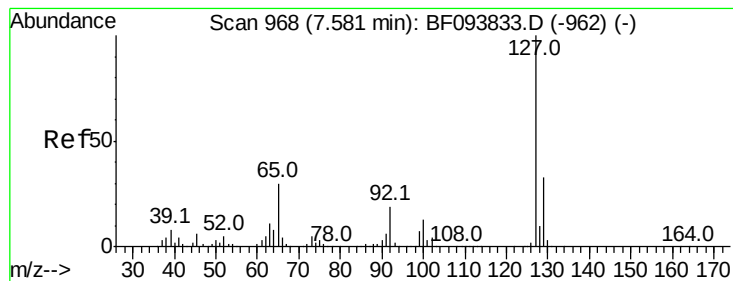
105 120.1 103.3 143.3

77 89.0 73.7 113.7



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





#33

4-Chloroaniline

Concen: 8.65 ng

RT: 7.57 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

Tot Ion:127 Resp: 146066

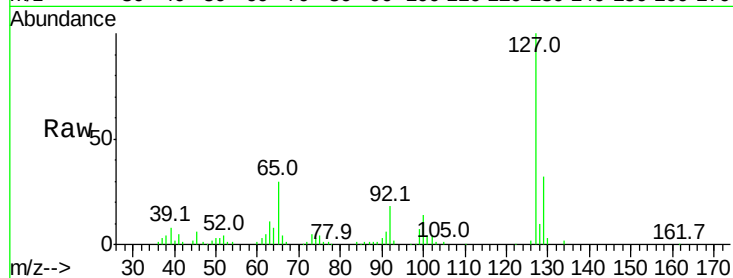
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.2

65 29.5 27.8 41.8

92 18.4 16.8 25.2

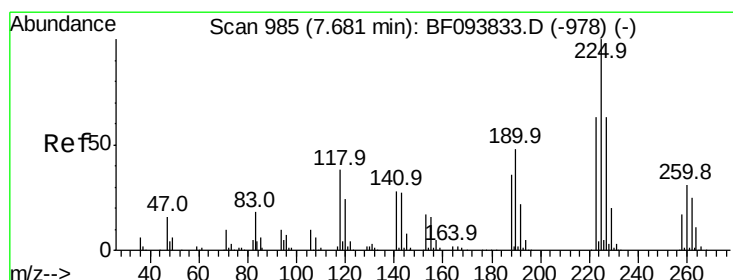
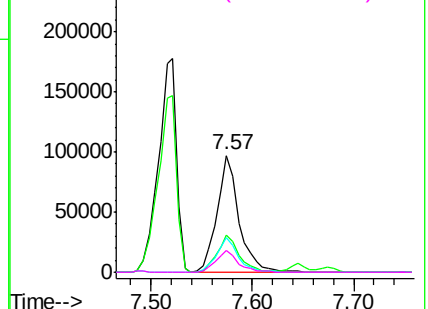
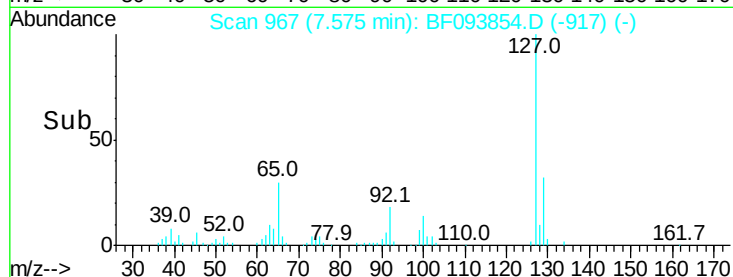


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.41 ng

RT: 7.67 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

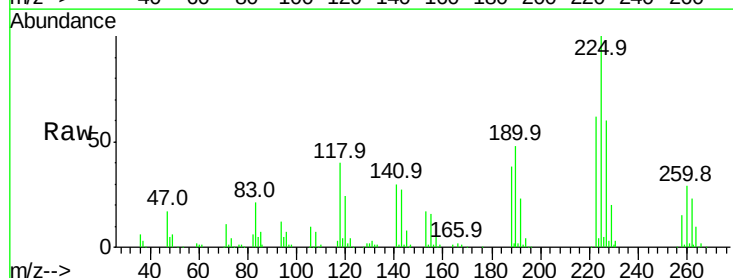
Tgt Ion:225 Resp: 251482

Ion Ratio Lower Upper

225 100

223 62.1 48.8 73.2

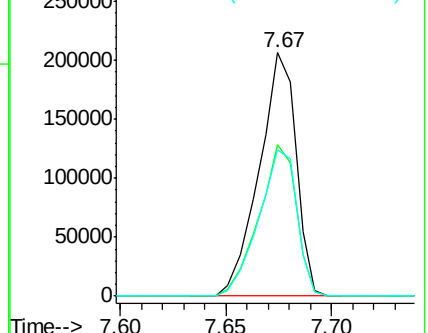
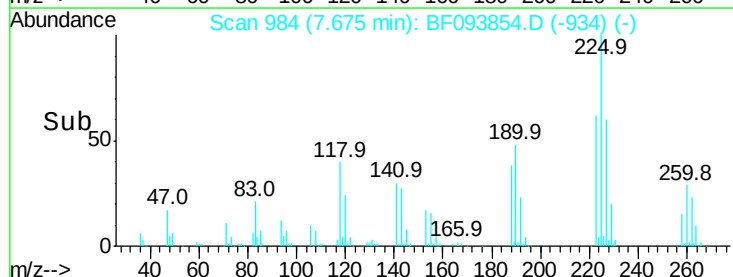
227 60.4 51.1 76.7

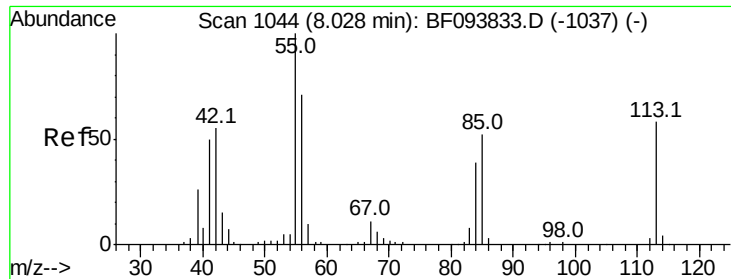


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

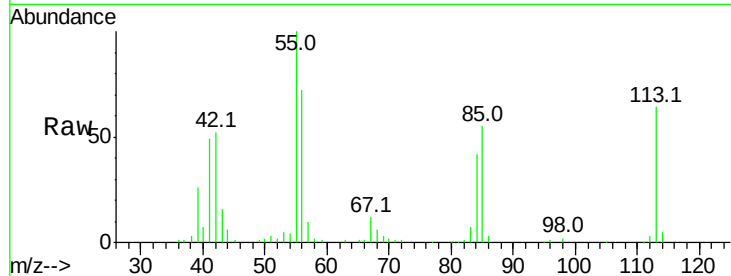




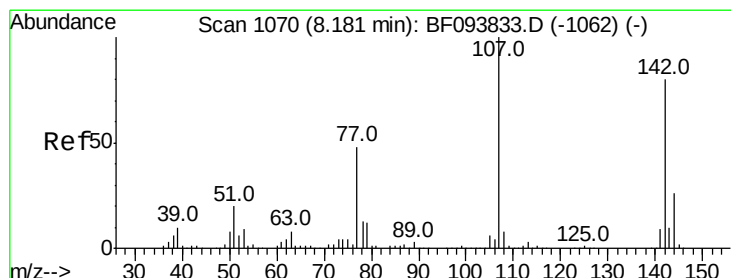
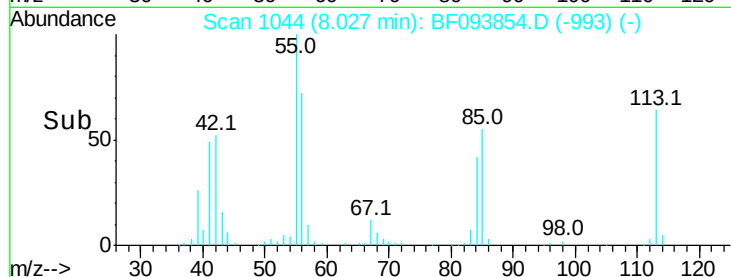
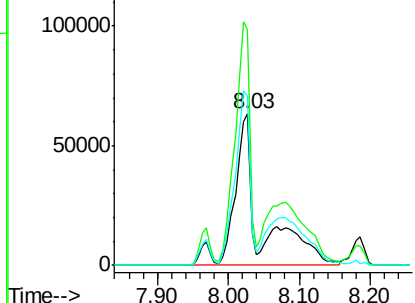
#35
 Caprolactam
 Concen: 44.30 ng/ml
 RT: 8.03 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

Tot Ion:113 Resp: 162441
 Ion Ratio Lower Upper
 113 100
 55 155.9 150.2 190.2
 56 111.7 107.8 147.8

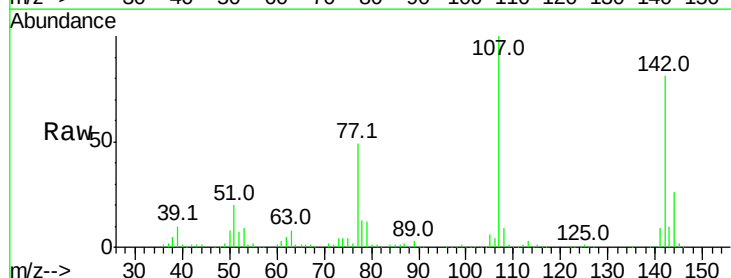


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

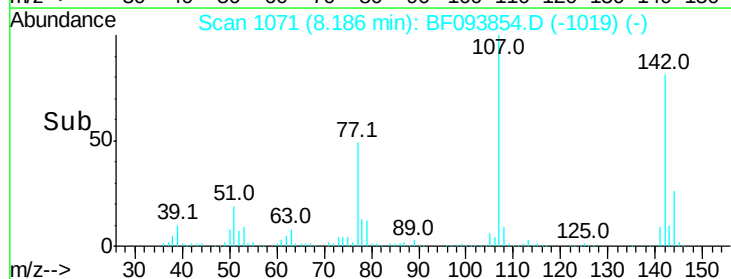
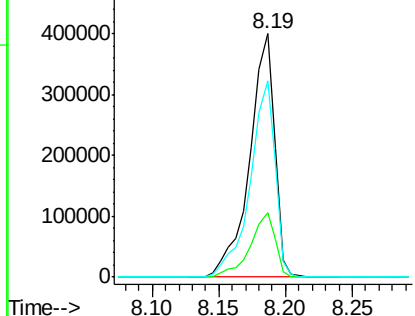


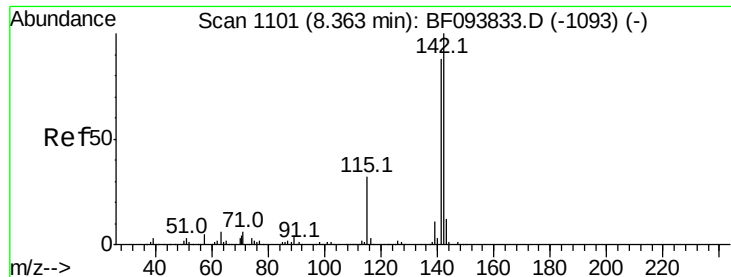
#36
 4-Chloro-3-methylphenol
 Concen: 42.95 ng/ml
 RT: 8.19 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion:107 Resp: 516032
 Ion Ratio Lower Upper
 107 100
 144 26.5 24.2 36.4
 142 80.9 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

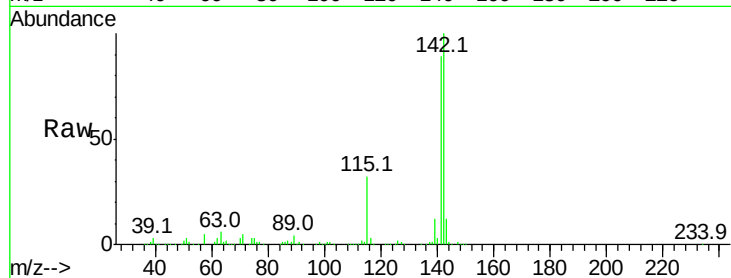




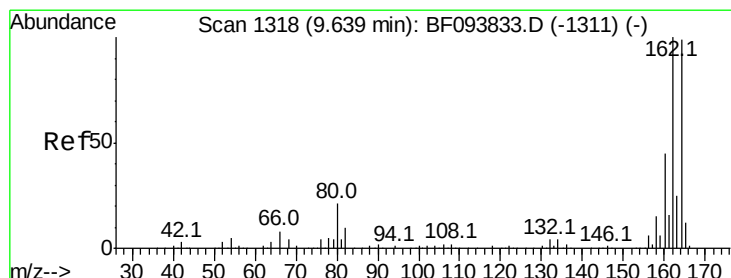
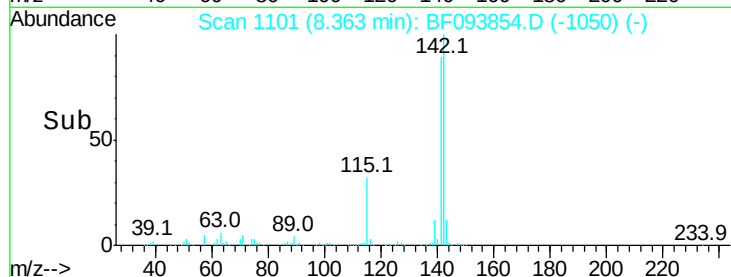
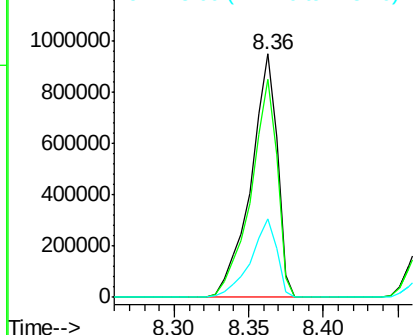
#37
 2-Methylnaphthalene
 Concen: 41.80 ng
 RT: 8.36 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

Tot Ion:142 Resp: 1160305
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.3 106.9
 115 32.2 27.1 40.7

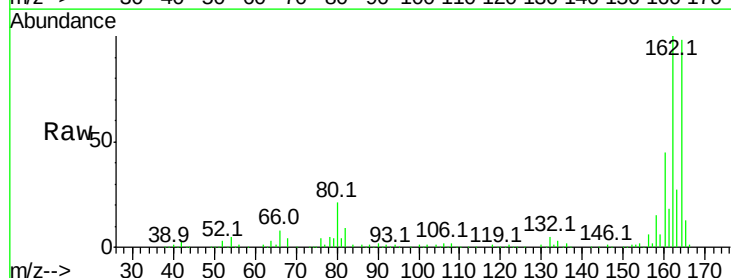


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

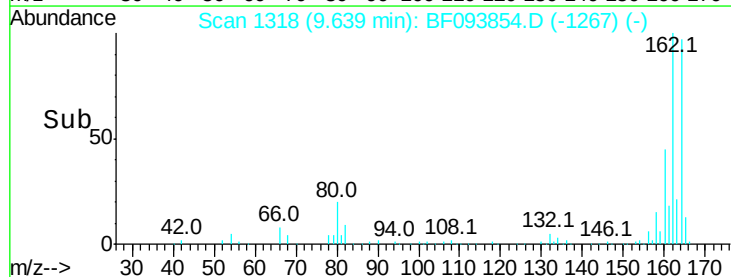
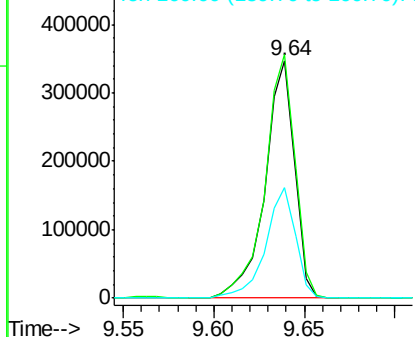


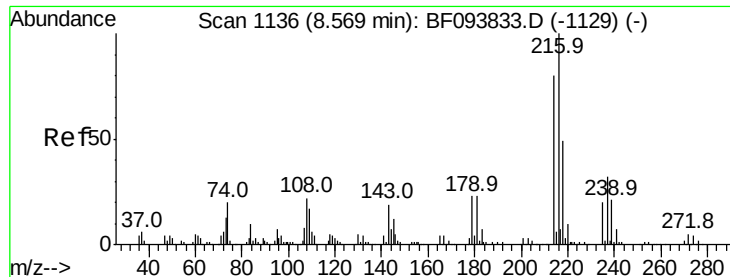
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion:164 Resp: 392952
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 46.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

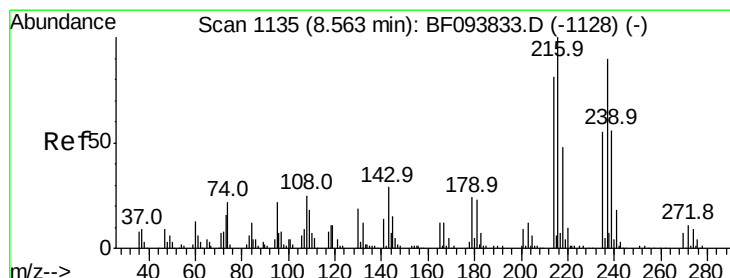
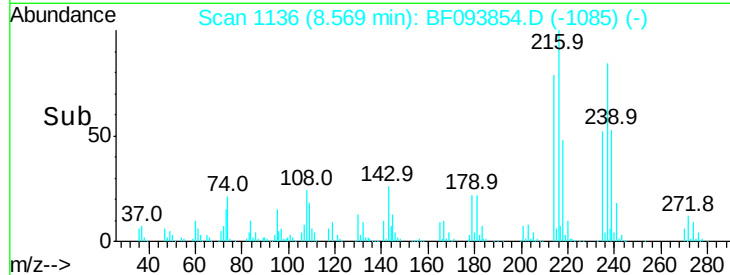
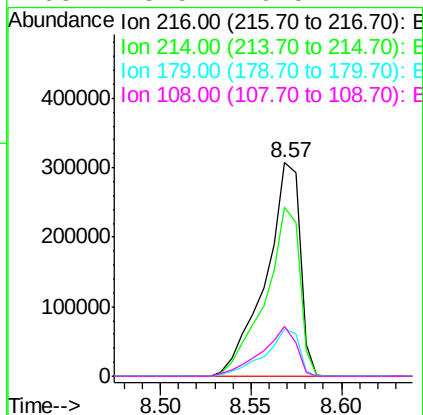
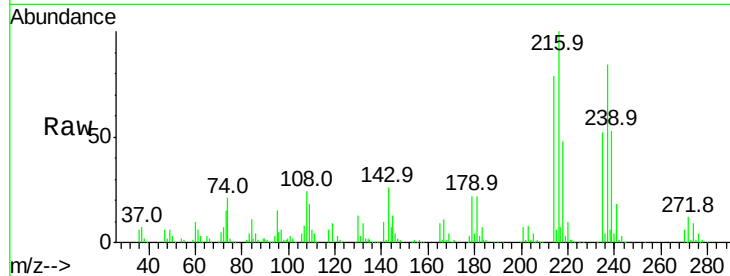




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.73 ng
 RT: 8.57 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

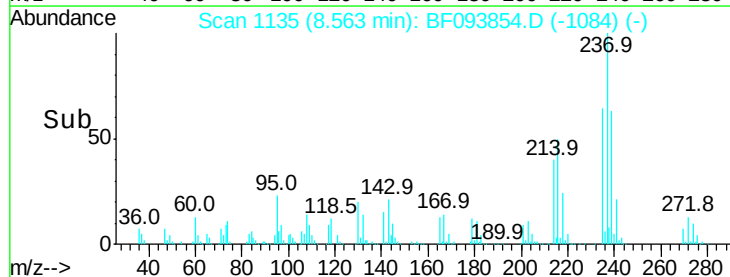
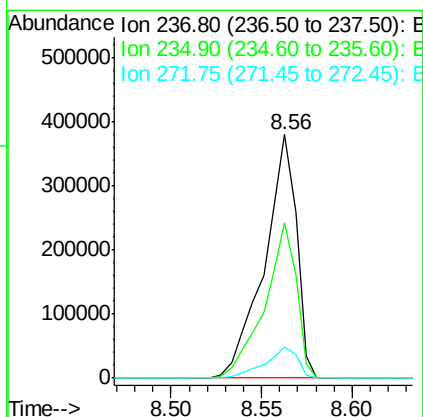
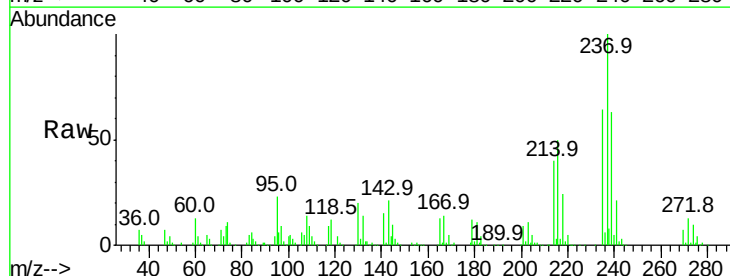
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

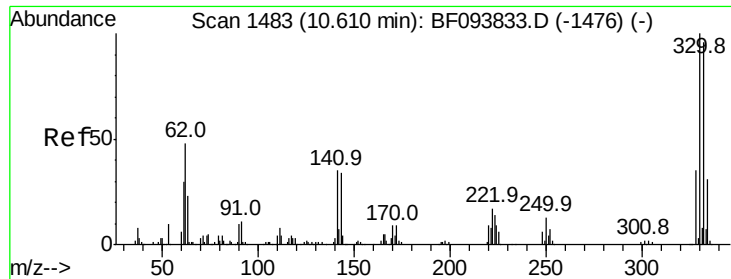
Tot Ion:	216	Resp:	405556
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	21.9	17.9	26.9
108	23.5	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 92.77 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion:	237	Resp:	466669
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.6	82.6
272	12.7	0.0	31.9

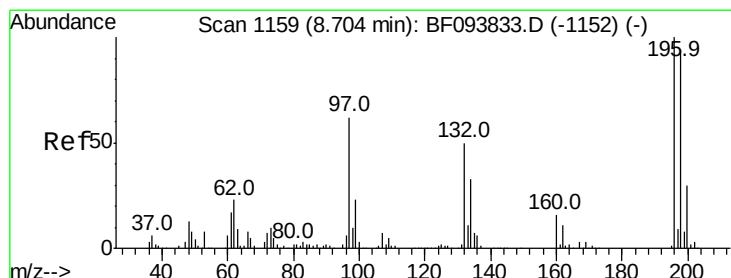
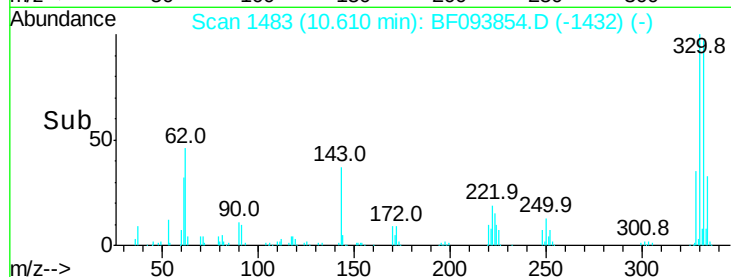
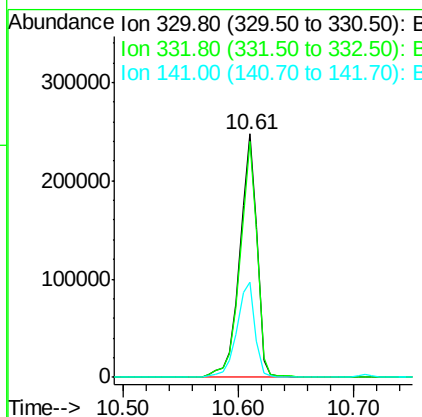
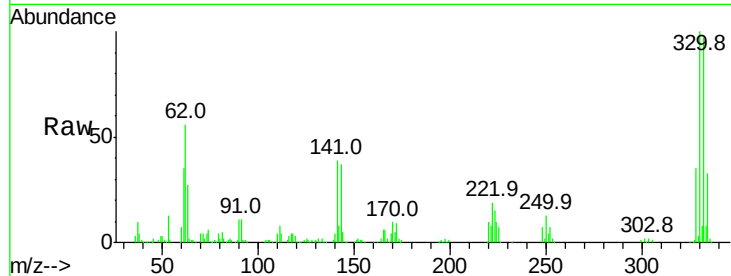




#41
 2,4,6-Tribromophenol
 Concen: 82.54 ng
 RT: 10.61 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

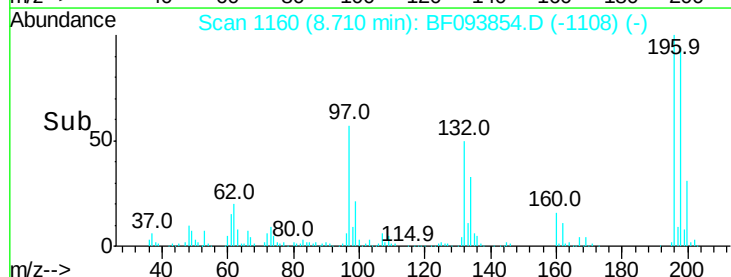
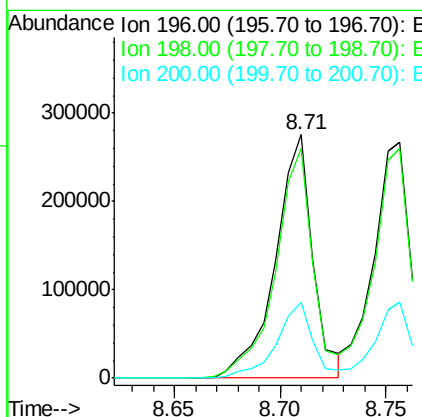
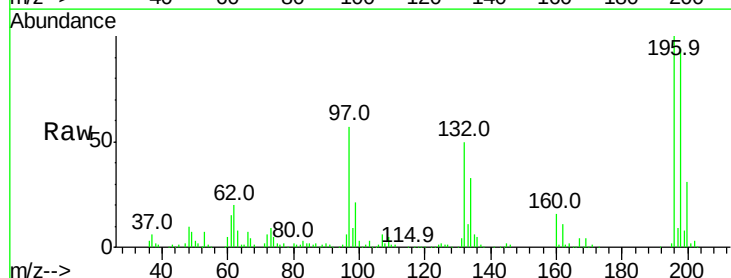
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

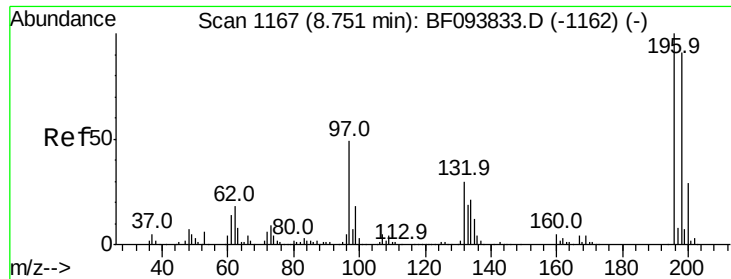
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	41.4	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 44.87 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.2	111.4
200	31.2	24.0	36.0





#43

2,4,5-Trichlorophenol

Concen: 38.85 ng

RT: 8.76 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

Tot Ion:196 Resp: 319721

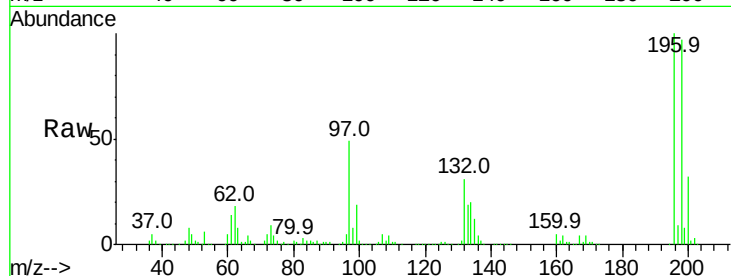
Ion Ratio Lower Upper

196 100

198 97.3 75.7 113.5

97 48.8 47.7 71.5

132 30.7 28.0 42.0

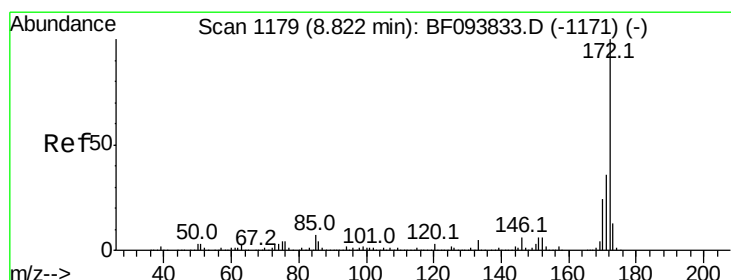
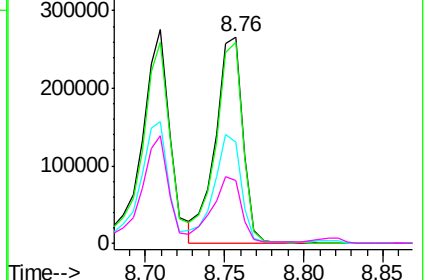
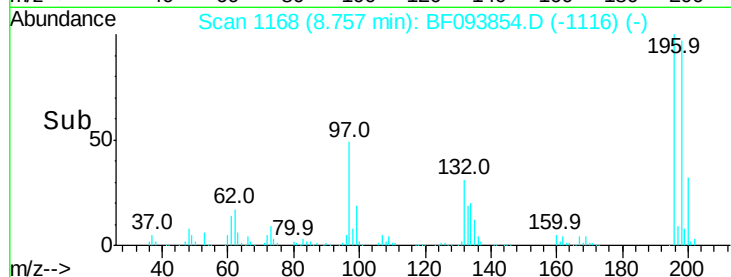


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 80.03 ng

RT: 8.82 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

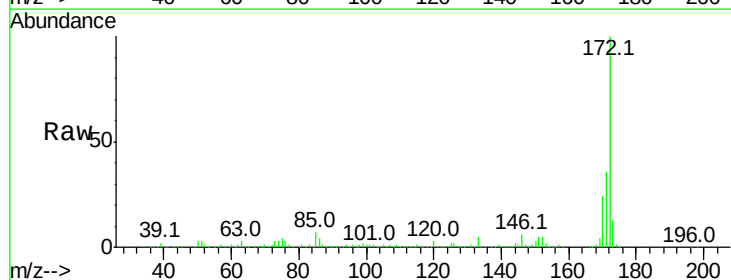
Tgt Ion:172 Resp: 2061690

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

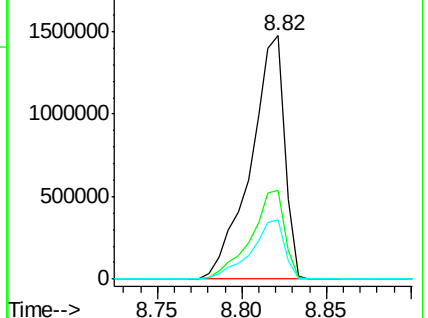
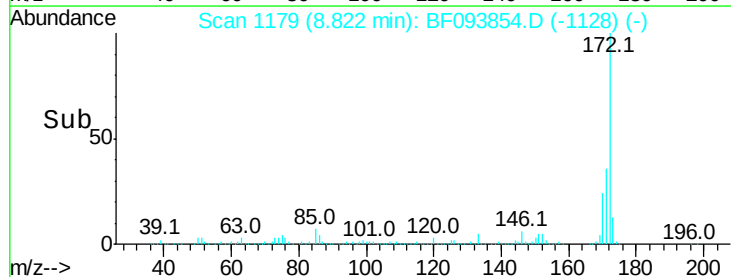
170 24.4 19.8 29.8

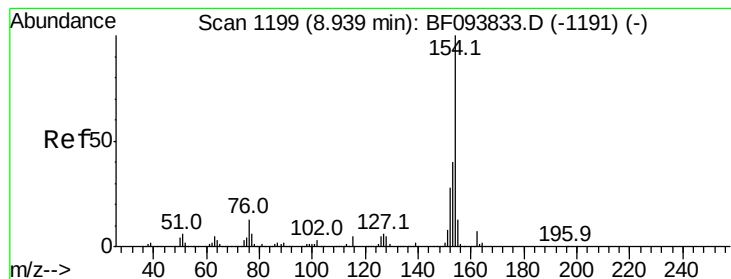


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.19 ng

RT: 8.94 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

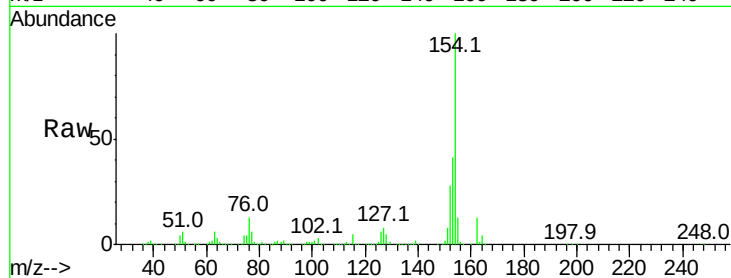
Tot Ion:154 Resp: 1273747

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

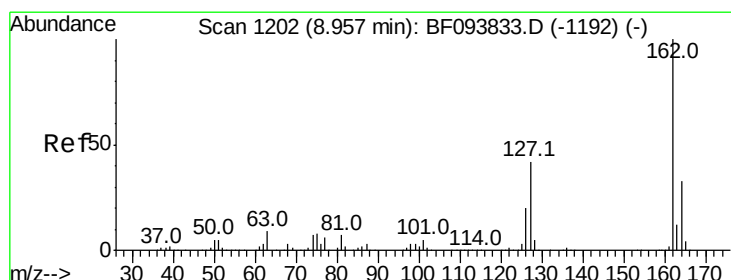
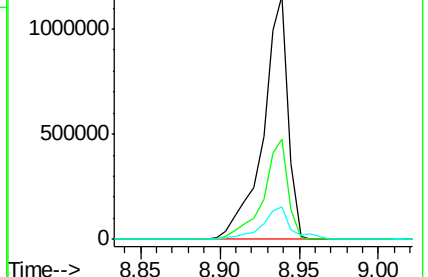
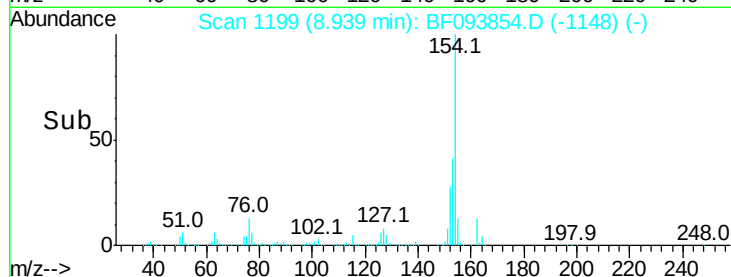
76 13.4 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.46 ng

RT: 8.96 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

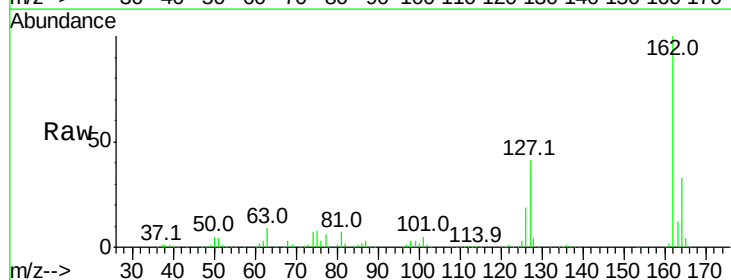
Tgt Ion:162 Resp: 1003847

Ion Ratio Lower Upper

162 100

127 41.3 28.3 42.5

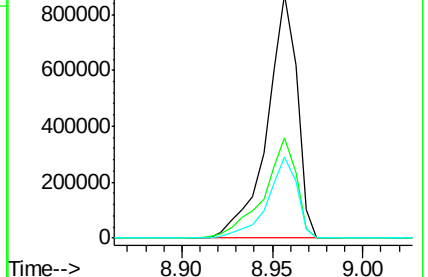
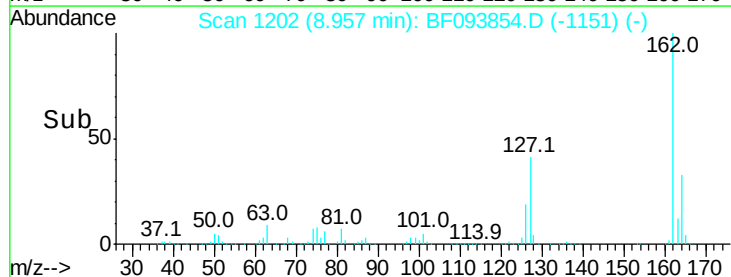
164 33.3 27.0 40.4

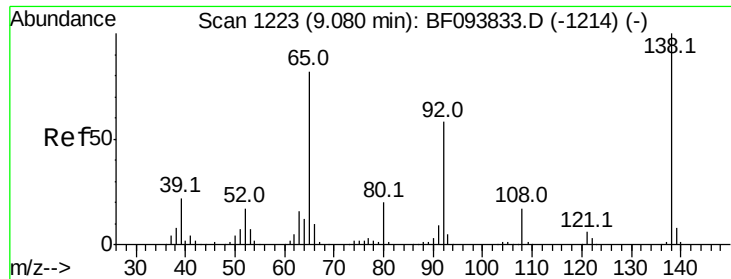


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

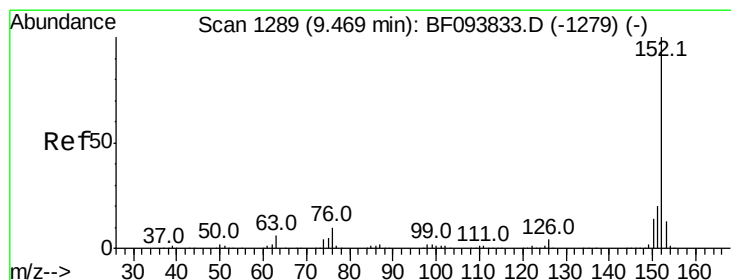
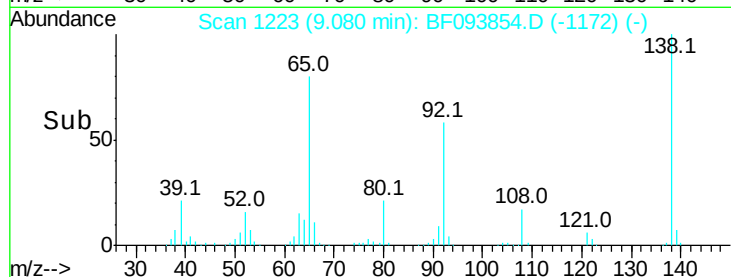
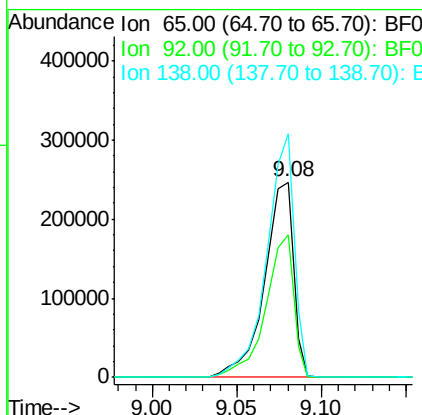
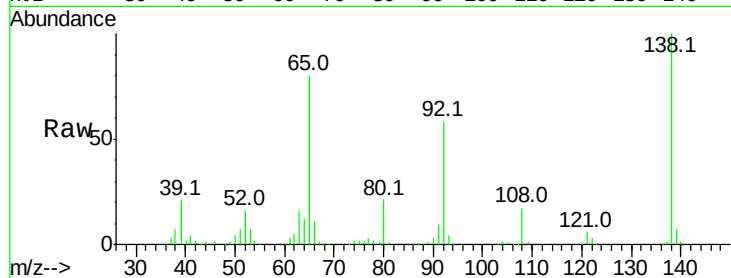




#47
 2-Nitroaniline
 Concen: 39.99 ng
 RT: 9.08 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

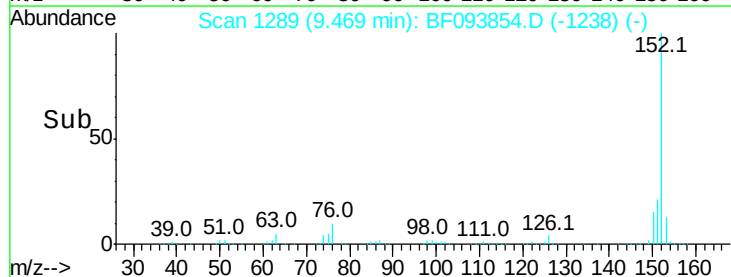
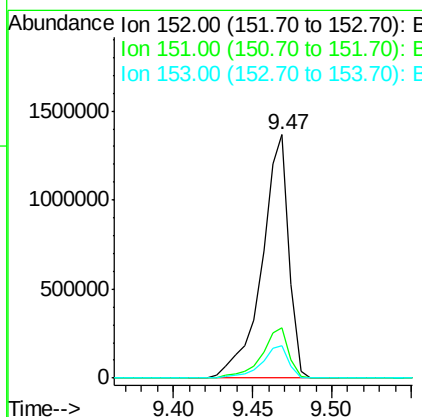
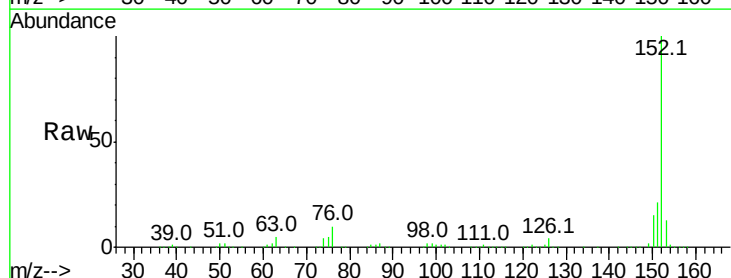
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

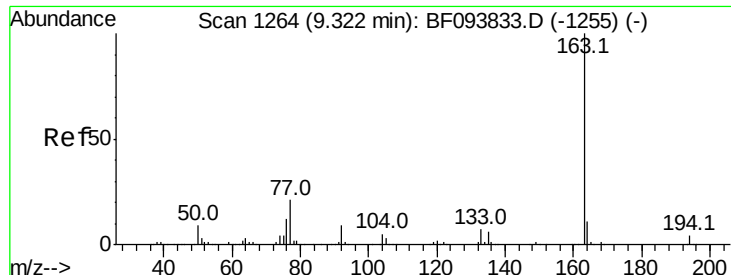
Tot Ion: 65 Resp: 294356
 Ion Ratio Lower Upper
 65 100
 92 72.6 53.9 80.9
 138 124.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.15 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion: 152 Resp: 1614529
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.1 10.8 16.2

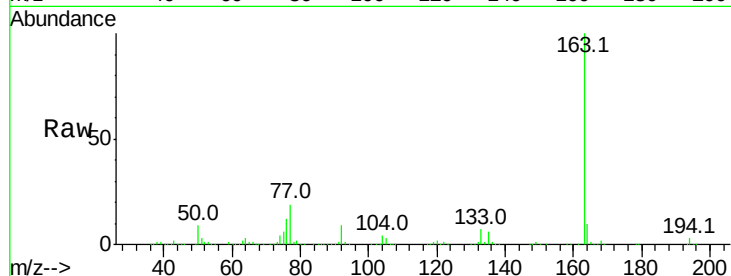




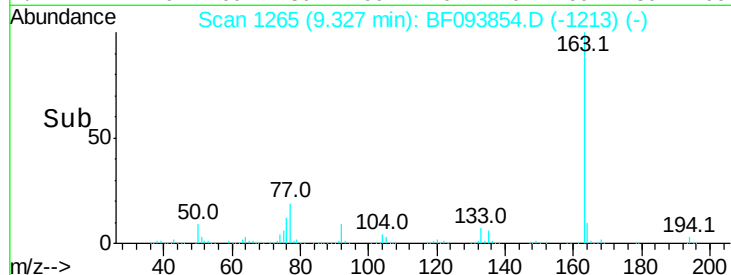
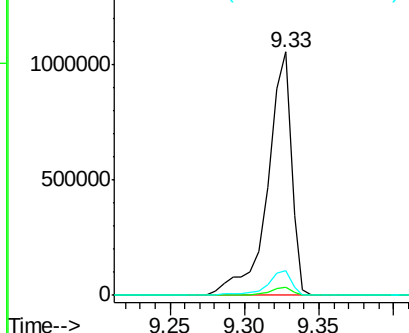
#49
Dimethylphthalate
Concen: 41.89 ng
RT: 9.33 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Instrument :
BNA_F
ClientSampled :
PB97750BS

Tot Ion:163 Resp: 1169978
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

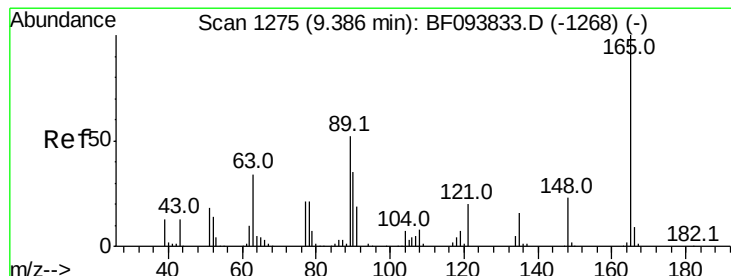


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

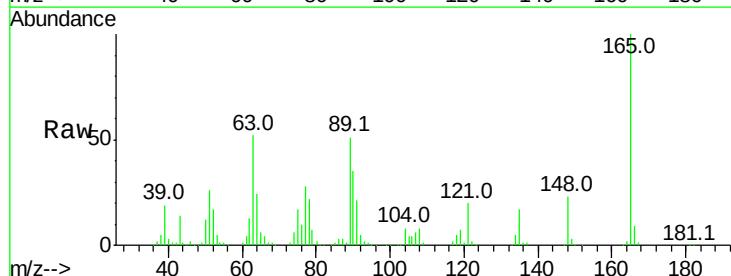
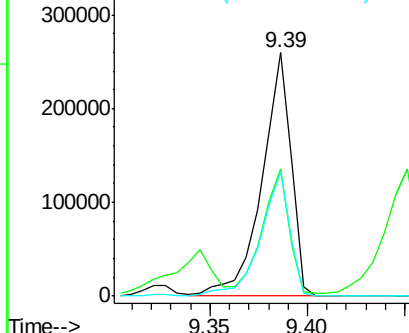


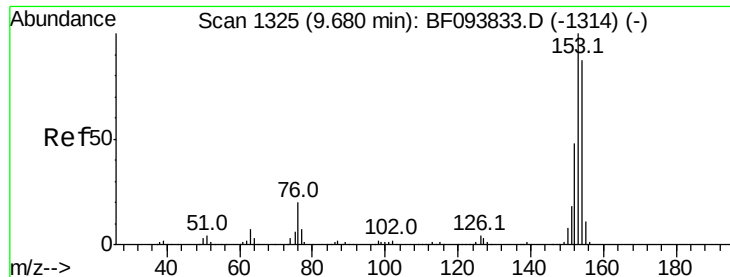
#50
2,6-Dinitrotoluene
Concen: 41.87 ng
RT: 9.39 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Tgt Ion:165 Resp: 268114
Ion Ratio Lower Upper
165 100
63 52.4 34.3 51.5#
89 51.2 37.1 55.7



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





#51

Acenaphthene

Concen: 39.37 ng

RT: 9.68 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

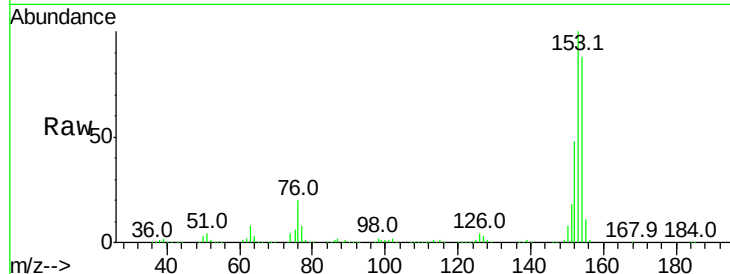
Tot Ion:154 Resp: 947208

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

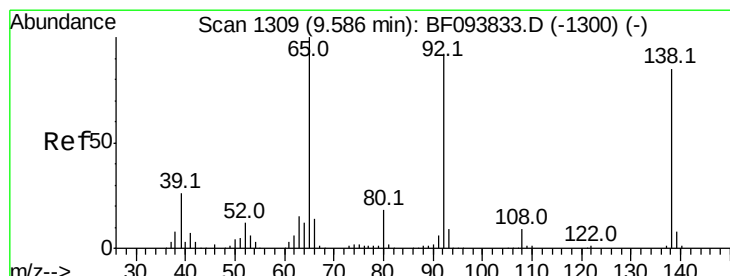
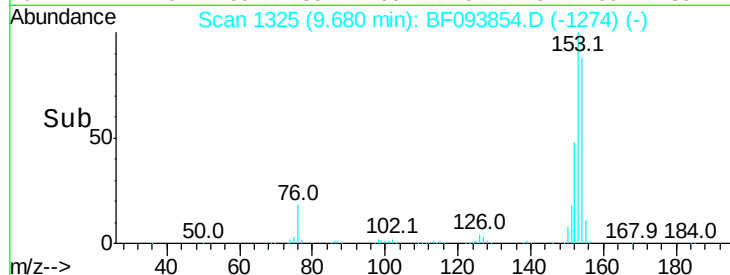
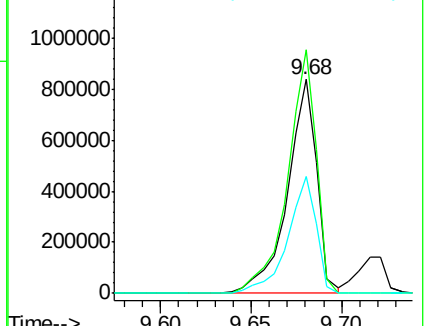
152 54.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.85 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

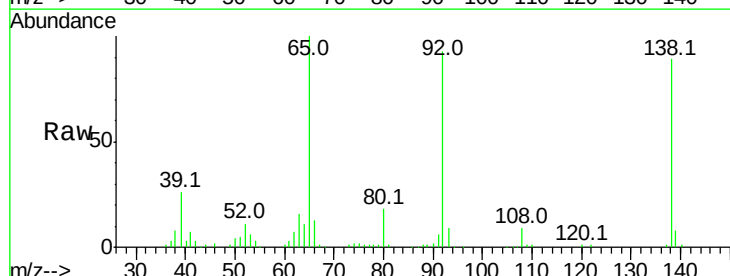
Tgt Ion:138 Resp: 104104

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

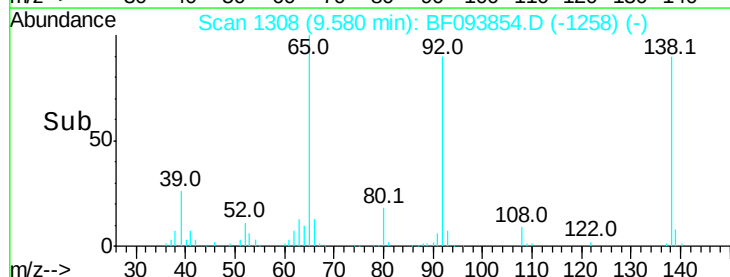
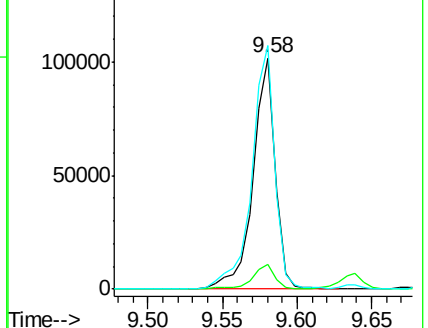
92 105.2 93.8 140.6

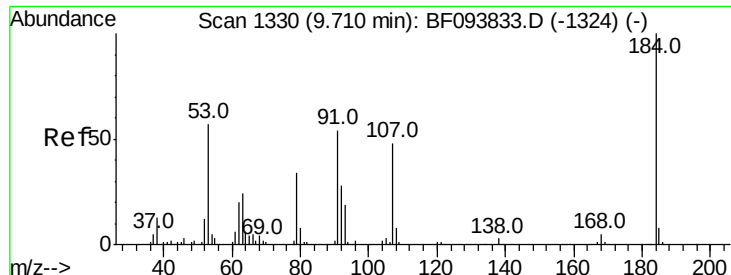


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

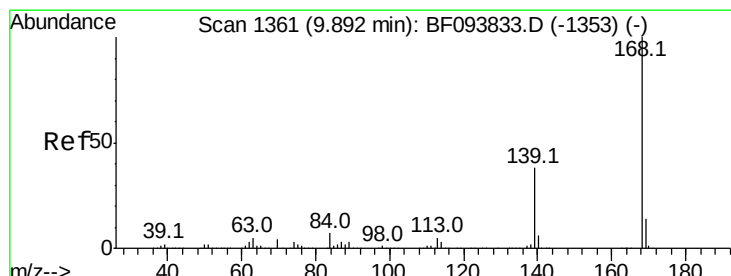
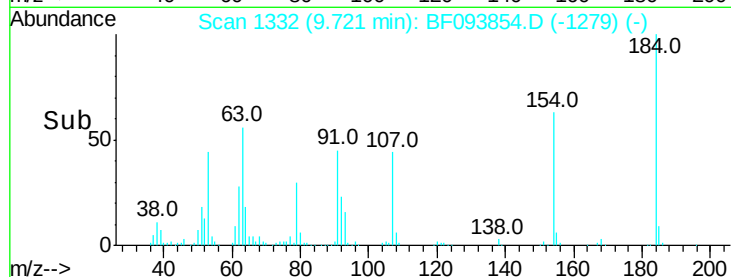
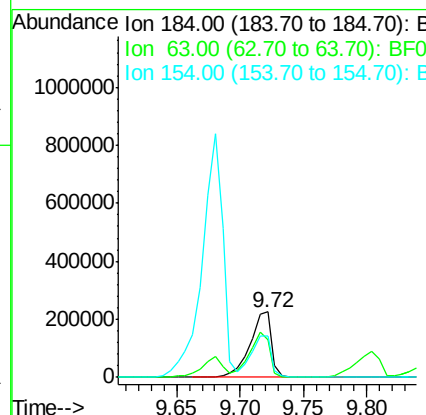
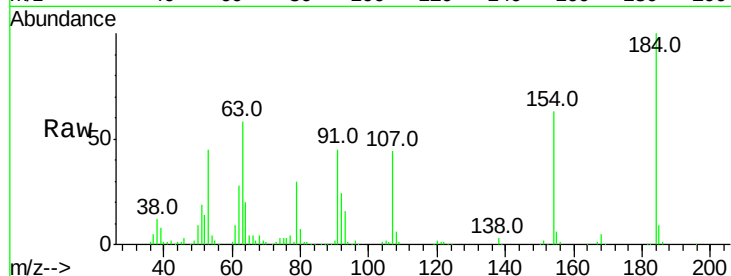




#53
 2,4-Dinitrophenol
 Concen: 78.35 ng
 RT: 9.72 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

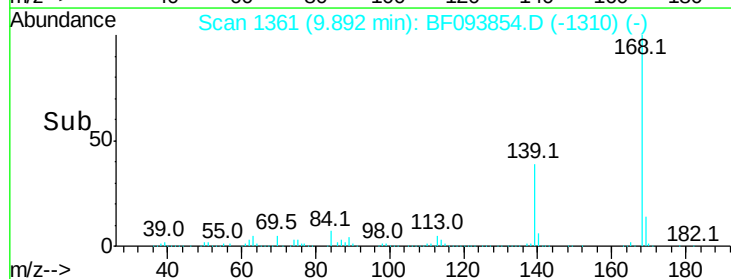
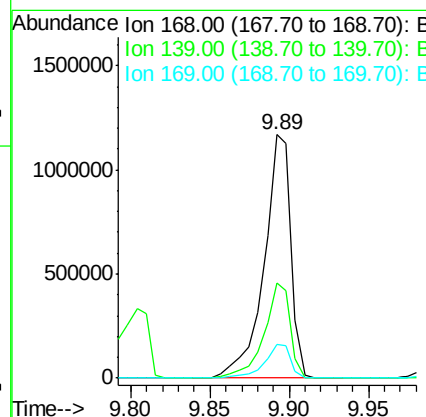
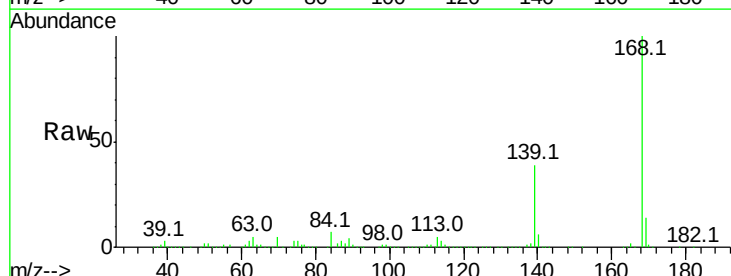
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

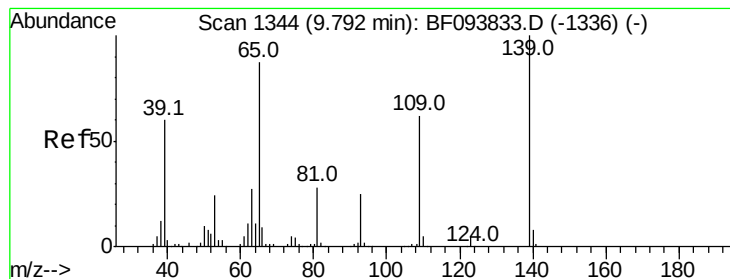
Tot Ion:184 Resp: 268125
 Ion Ratio Lower Upper
 184 100
 63 57.8 62.7 94.1#
 154 63.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.14 ng
 RT: 9.89 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion:168 Resp: 1380140
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.6 45.8
 169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 79.94 ng

RT: 9.80 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

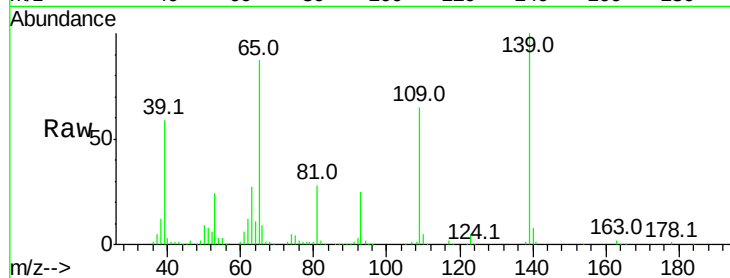
Tot Ion:139 Resp: 470718

Ion Ratio Lower Upper

139 100

109 64.6 34.1 74.1

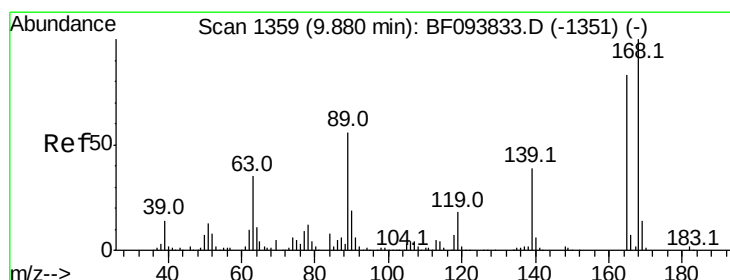
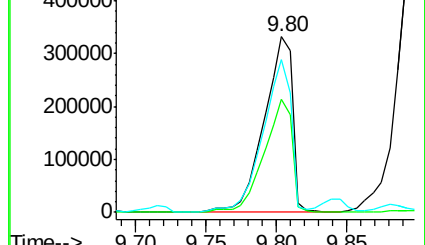
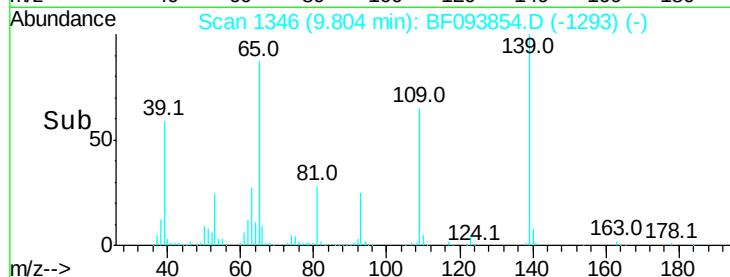
65 87.1 31.4 71.4#



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: 42.32 ng

RT: 9.88 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Tgt Ion:165 Resp: 340363

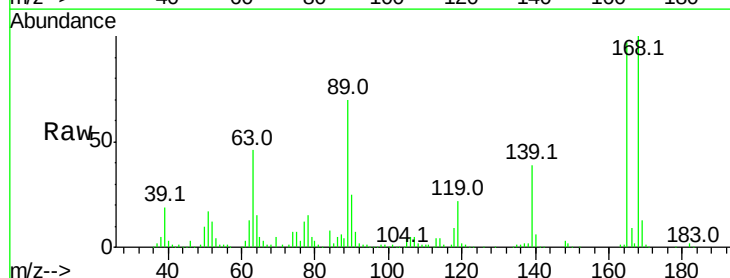
Ion Ratio Lower Upper

165 100

63 47.3 25.4 38.0#

89 72.0 46.4 69.6#

182 2.5 1.8 2.6

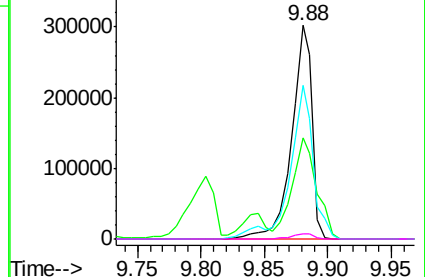
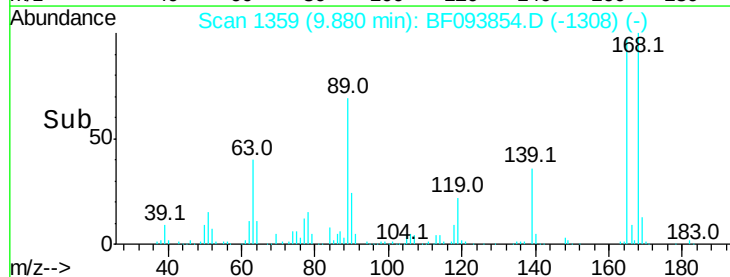


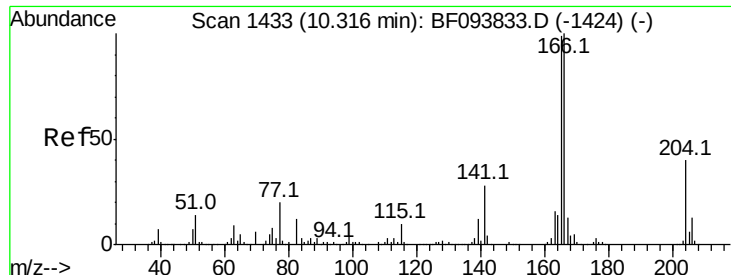
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

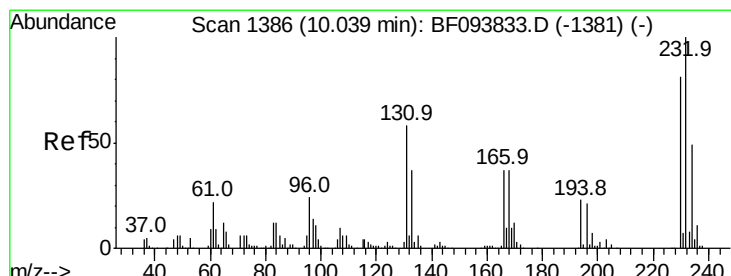
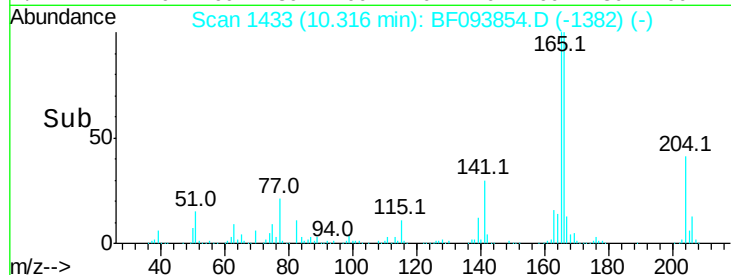
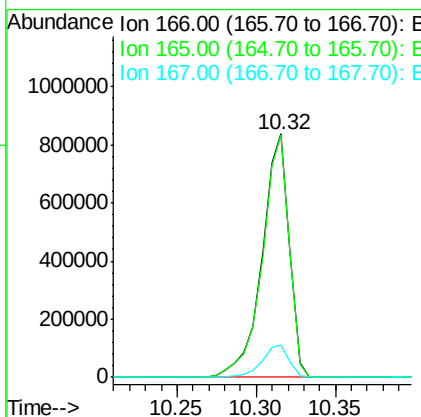
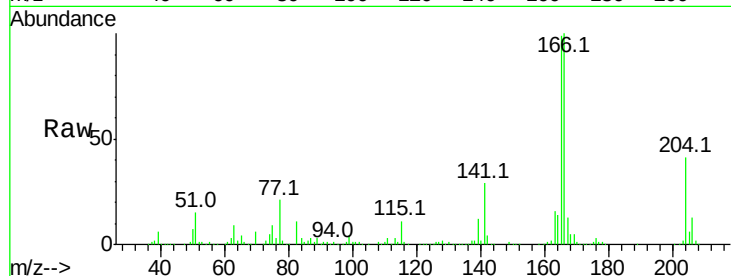




#57
Fluorene
 Concen: 36.75 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

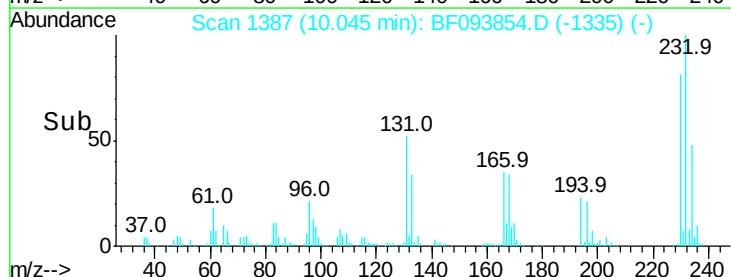
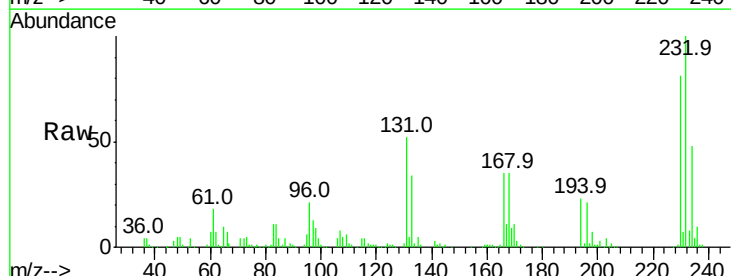
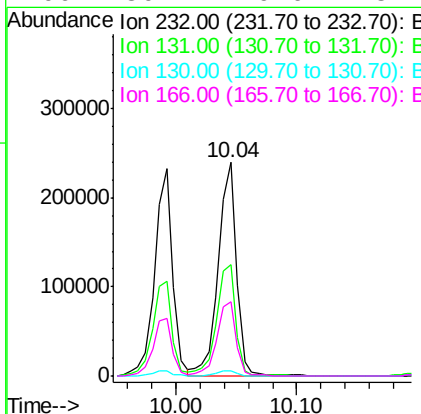
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

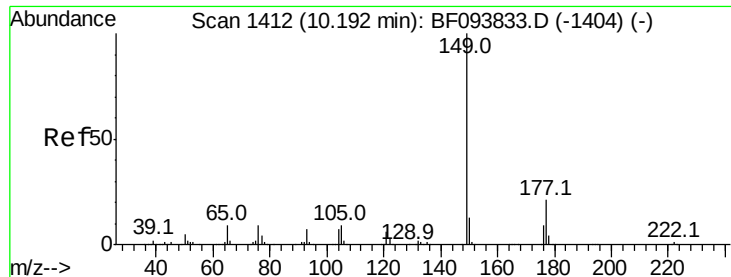
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.8	118.2
167	13.5	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.86 ng
 RT: 10.04 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.4	44.8	67.2
130	2.7	2.3	3.5
166	36.7	29.0	43.4

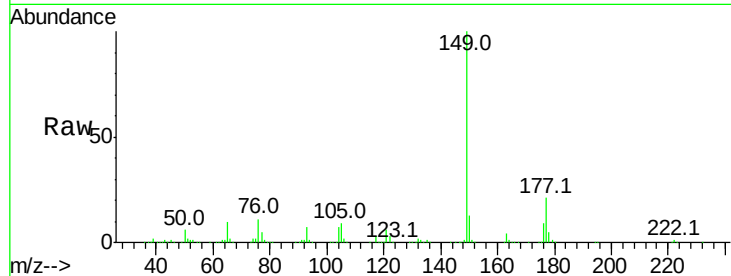




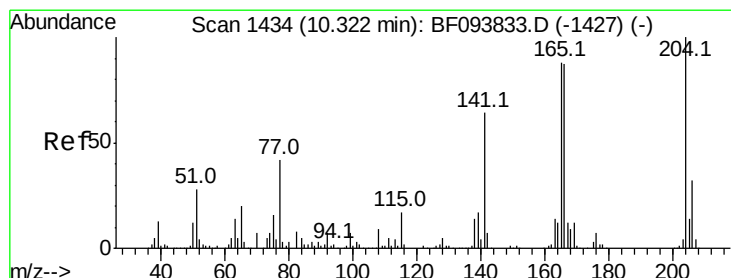
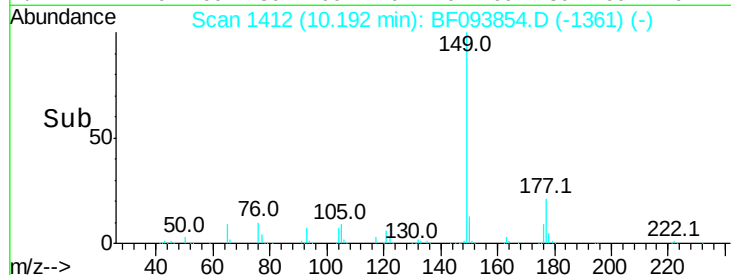
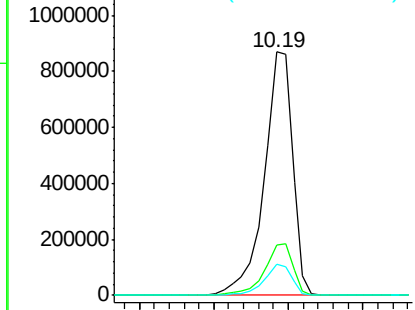
#59
Diethylphthalate
Concen: 41.45 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Instrument :
BNA_F
ClientSampleId :
PB97750BS

Tot Ion:149 Resp: 1144393
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.8 10.2 15.2

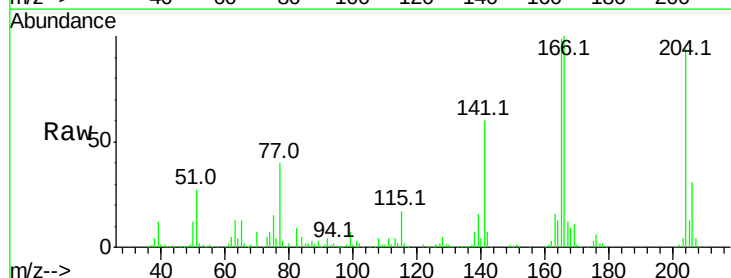


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

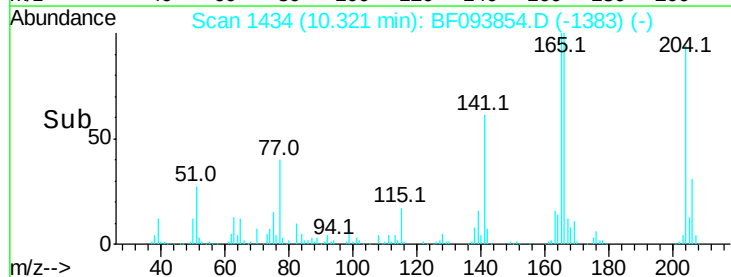
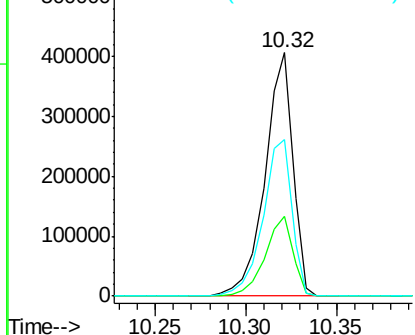


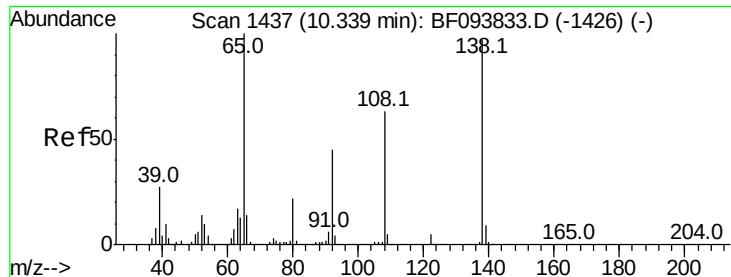
#60
4-Chlorophenyl-phenylether
Concen: 37.40 ng
RT: 10.32 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Tgt Ion:204 Resp: 432700
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 64.5 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: 37.49 ng

RT: 10.34 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

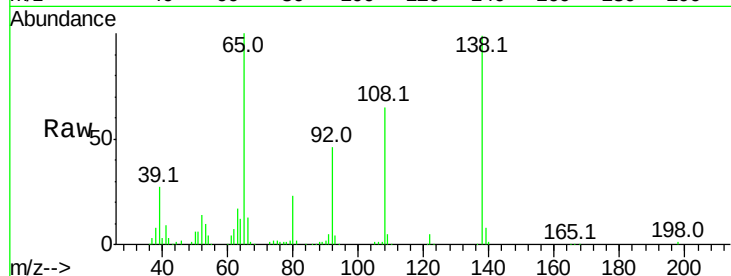
Tot Ion:138 Resp: 270537

Ion Ratio Lower Upper

138 100

92 46.2 21.8 61.8

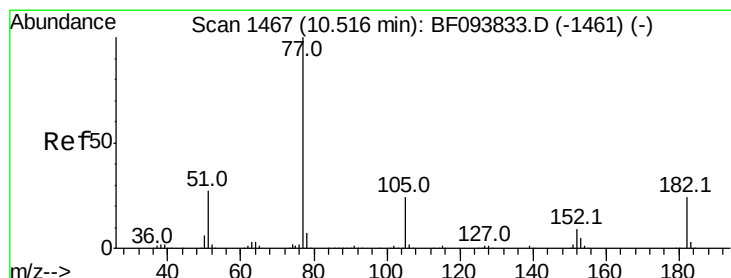
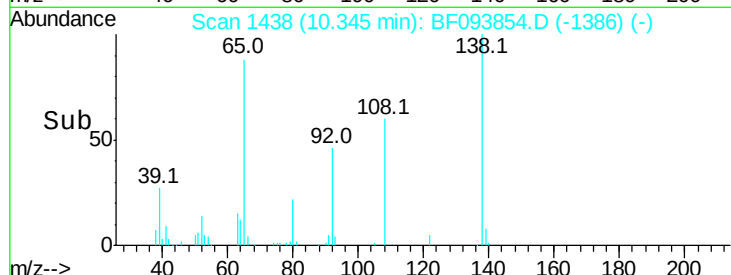
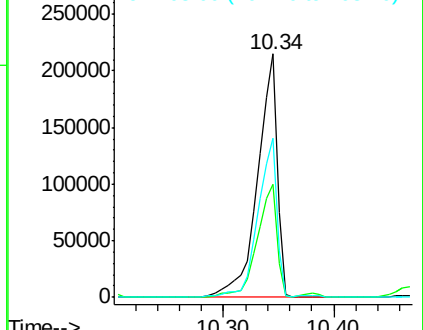
108 65.5 42.3 82.3



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: 43.09 ng

RT: 10.52 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Tgt Ion: 77 Resp: 1125326

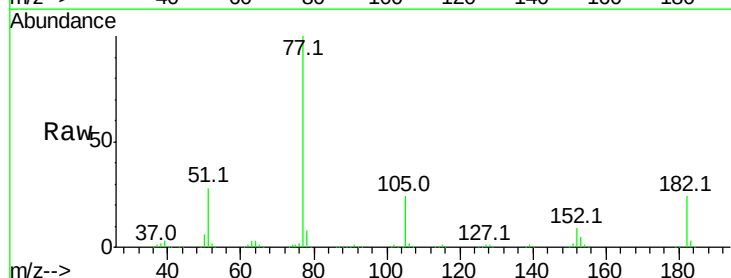
Ion Ratio Lower Upper

77 100

182 24.0 0.1 40.1

105 23.5 3.6 43.6

51 28.3 9.4 49.4

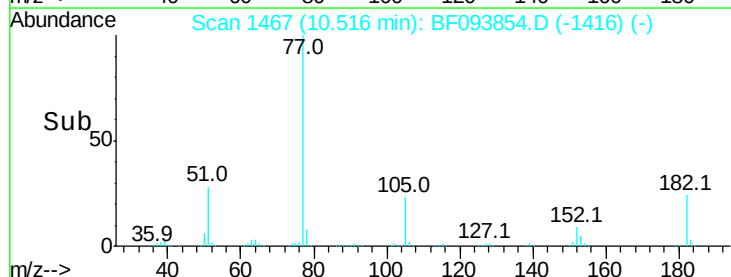
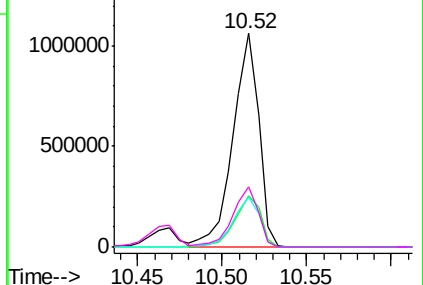


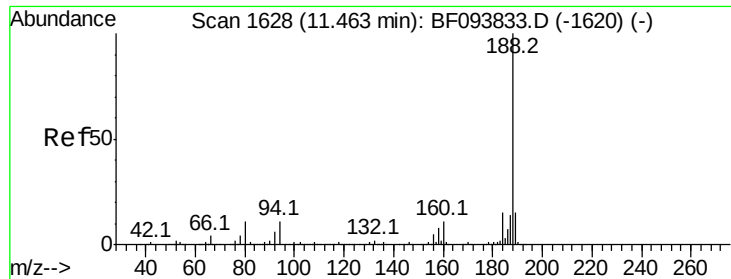
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

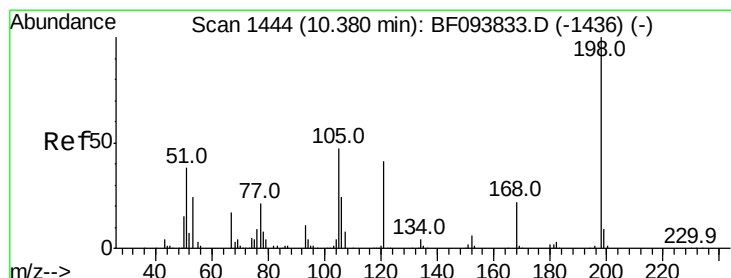
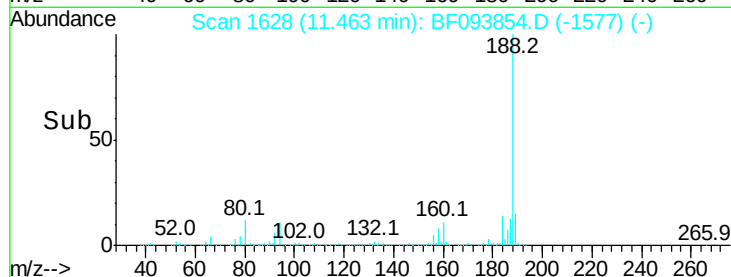
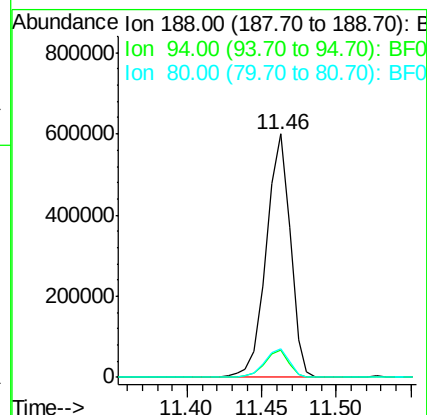
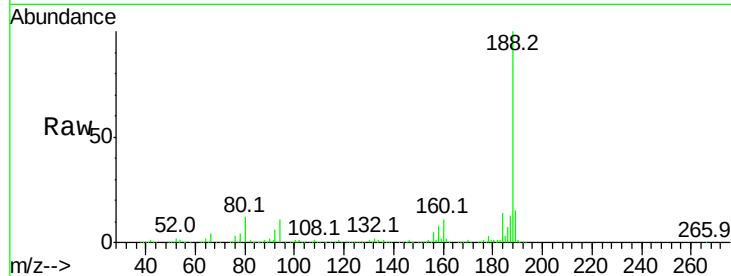




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

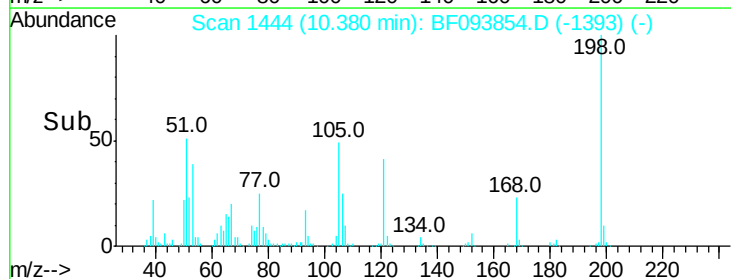
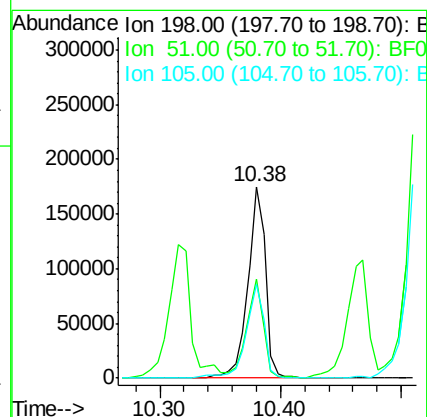
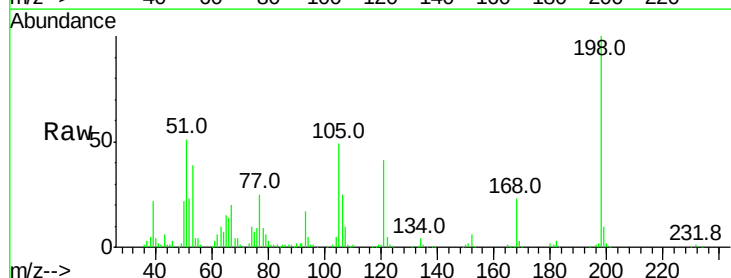
Instrument :
BNA_F
ClientSampleId :
PB97750BS

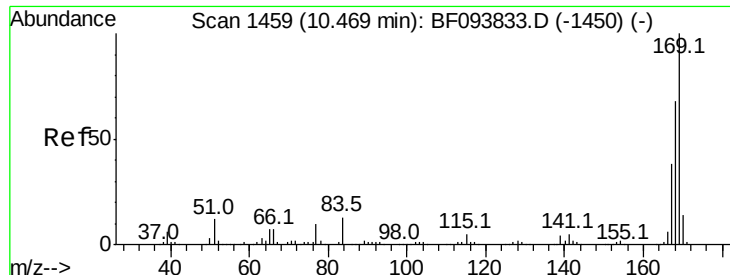
Tot Ion:188 Resp: 663607
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 44.05 ng
RT: 10.38 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Tgt Ion:198 Resp: 179042
Ion Ratio Lower Upper
198 100
51 51.4 53.2 93.2#
105 49.1 45.8 85.8

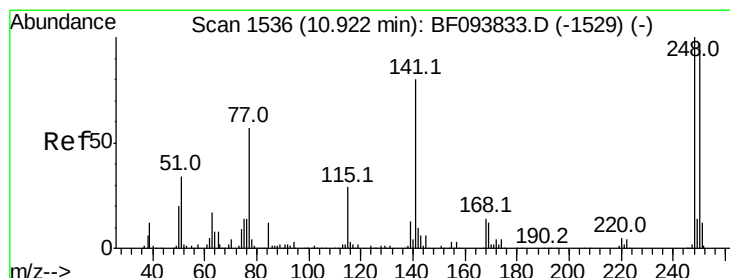
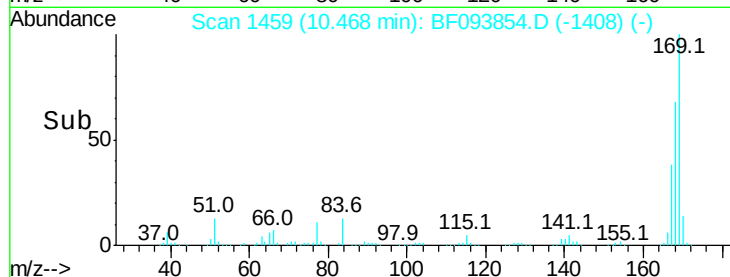
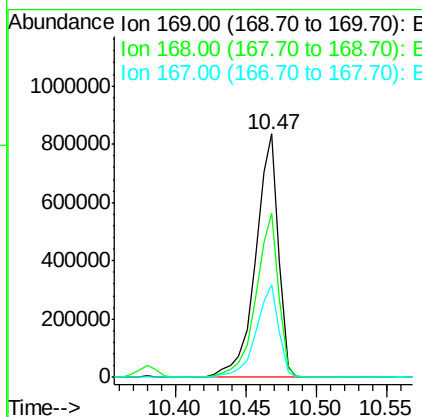
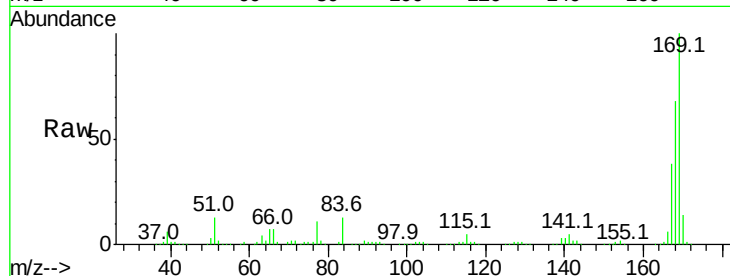




#65
 n-Nitrosodiphenylamine
 Concen: 41.27 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

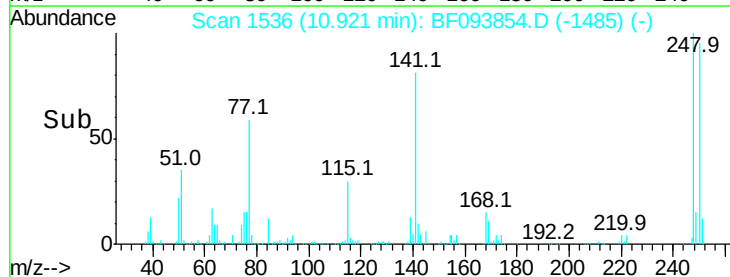
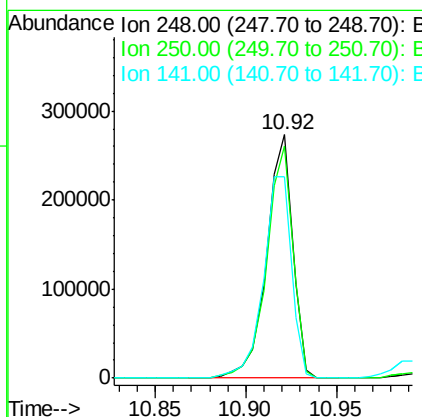
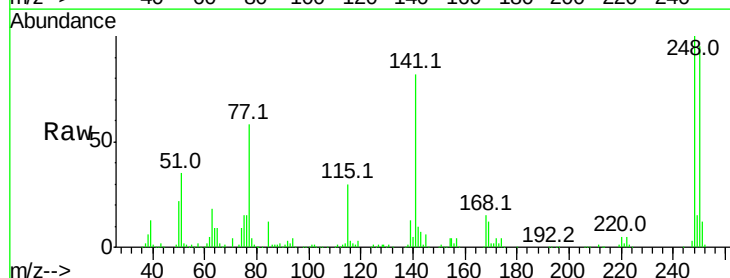
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

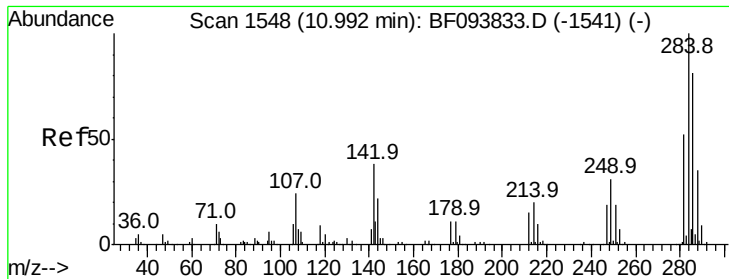
Tot Ion:169 Resp: 947086
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.2 79.8
 167 37.8 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.03 ng
 RT: 10.92 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion:248 Resp: 274335
 Ion Ratio Lower Upper
 248 100
 250 95.2 76.8 115.2
 141 82.5 68.6 103.0





#67

Hexachlorobenzene

Concen: 41.86 ng

RT: 10.99 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

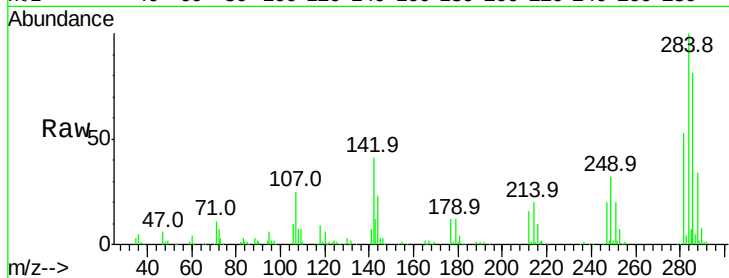
Tot Ion:284 Resp: 276584

Ion Ratio Lower Upper

284 100

142 41.5 22.8 34.2#

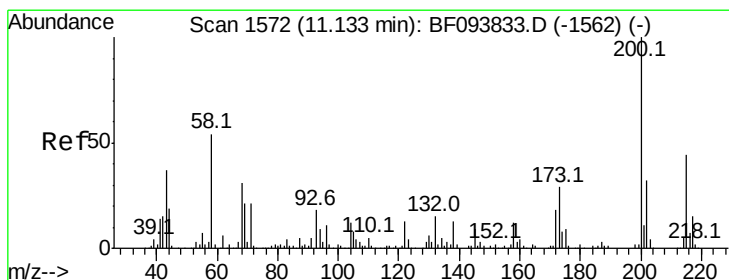
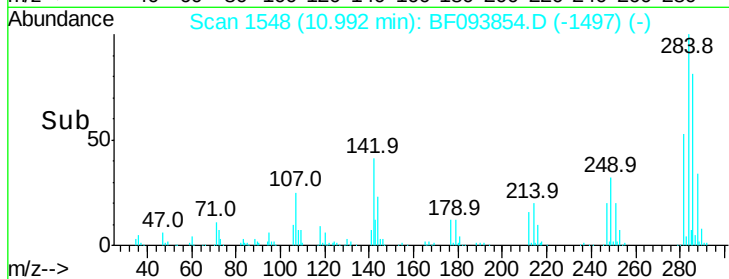
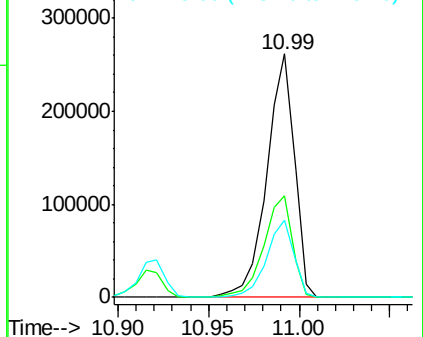
249 31.9 24.0 36.0



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: 40.20 ng

RT: 11.13 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

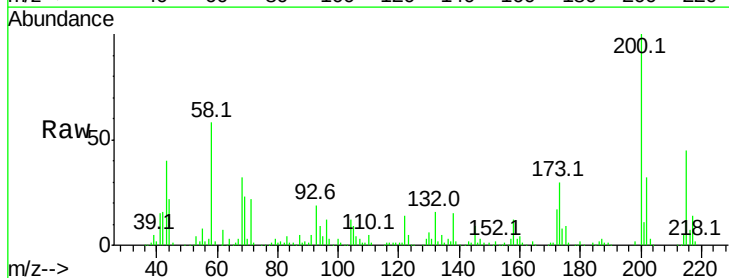
Tgt Ion:200 Resp: 276341

Ion Ratio Lower Upper

200 100

173 29.8 6.3 46.3

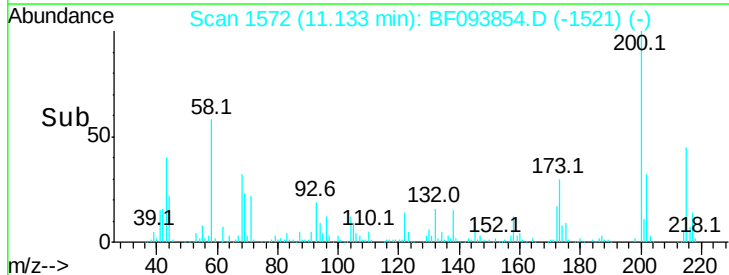
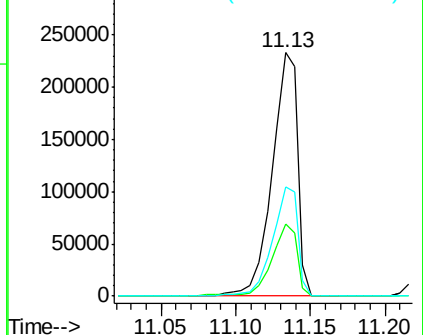
215 45.1 27.2 67.2

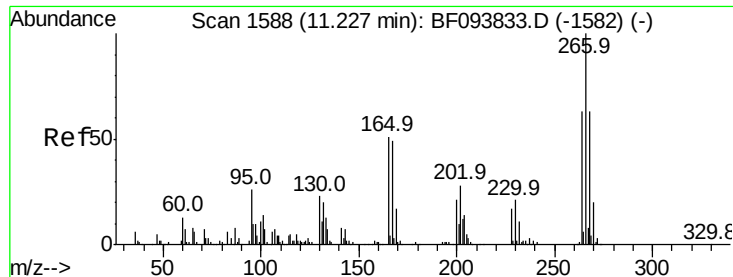


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 76.65 ng

RT: 11.23 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

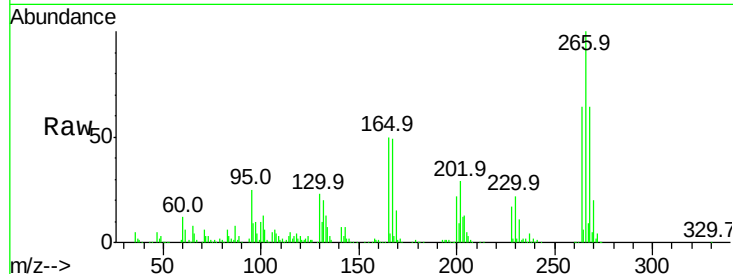
Tot Ion:266 Resp: 315202

Ion Ratio Lower Upper

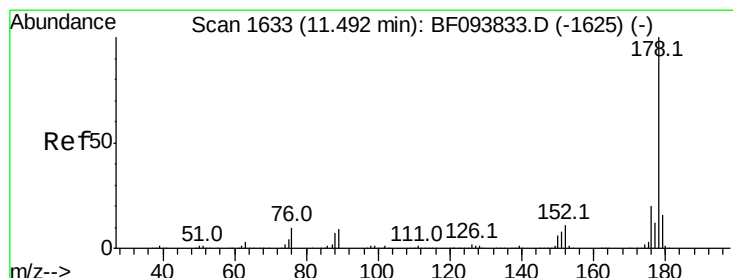
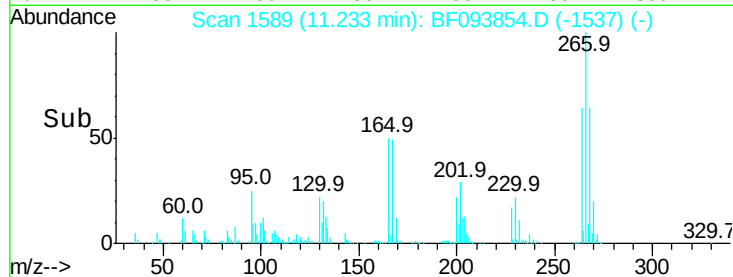
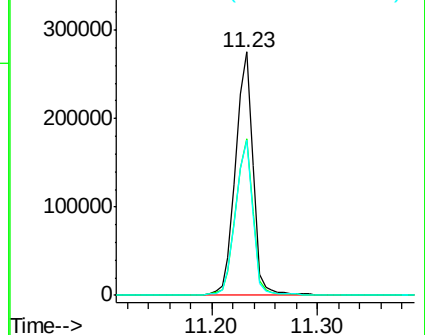
266 100

268 64.5 51.1 76.7

264 63.8 51.7 77.5



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



#70

Phenanthrene

Concen: 39.89 ng

RT: 11.49 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

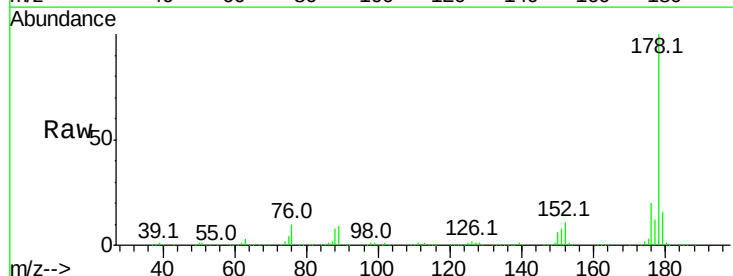
Tgt Ion:178 Resp: 1472588

Ion Ratio Lower Upper

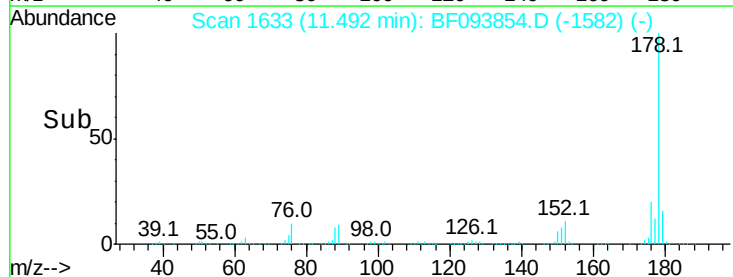
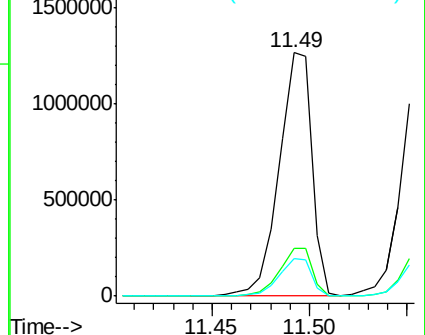
178 100

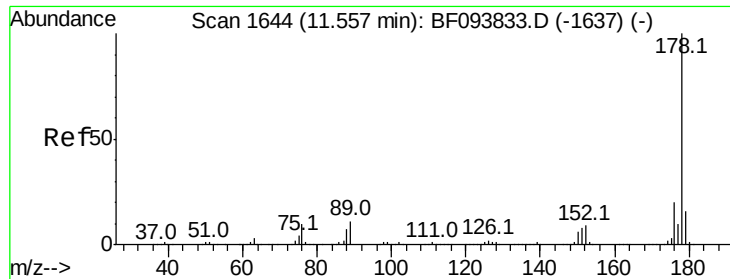
176 19.8 16.2 24.4

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

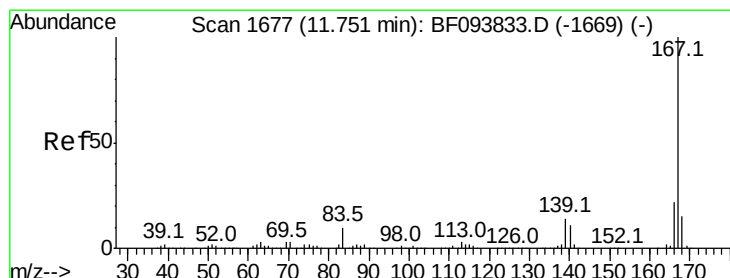
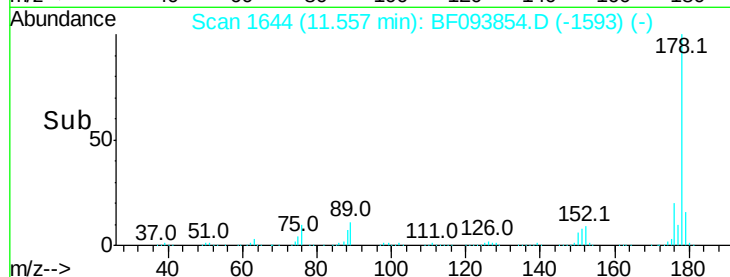
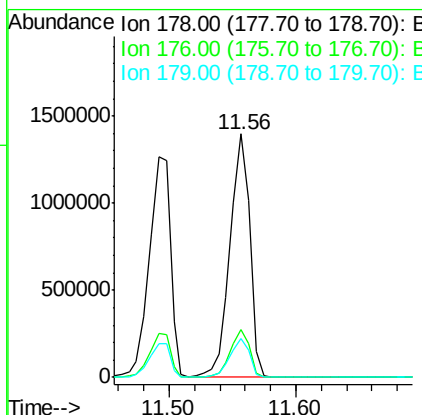
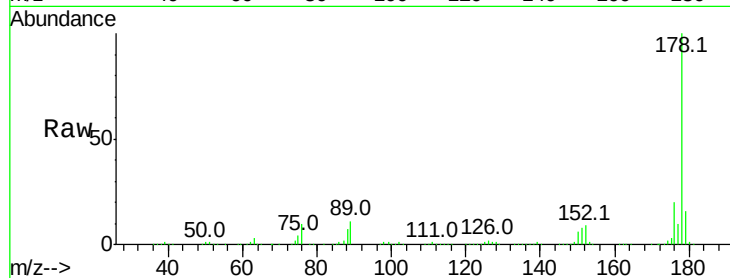




#71
 Anthracene
 Concen: 39.57 ng
 RT: 11.56 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

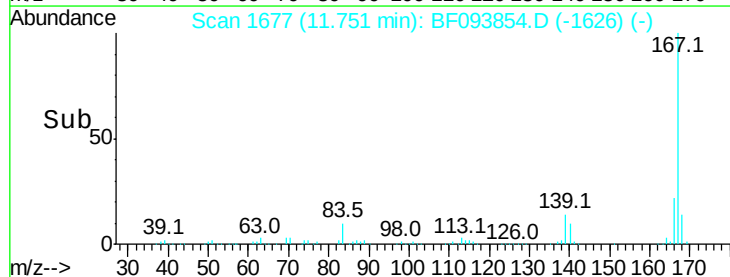
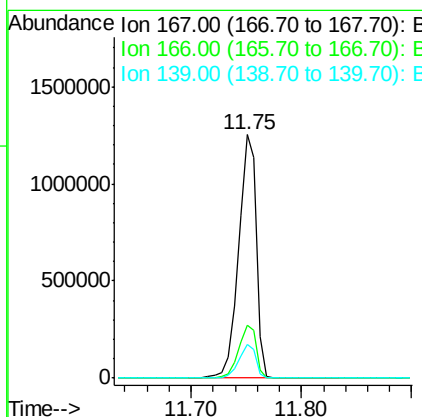
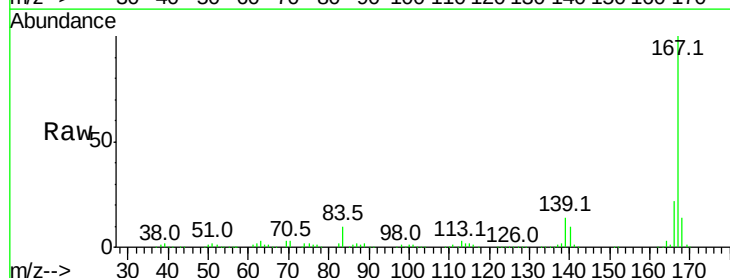
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

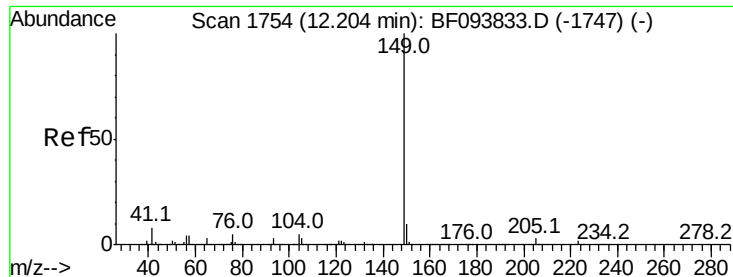
Tot Ion:178 Resp: 1504151
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 36.15 ng
 RT: 11.75 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion:167 Resp: 1409006
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.11 ng

RT: 12.20 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

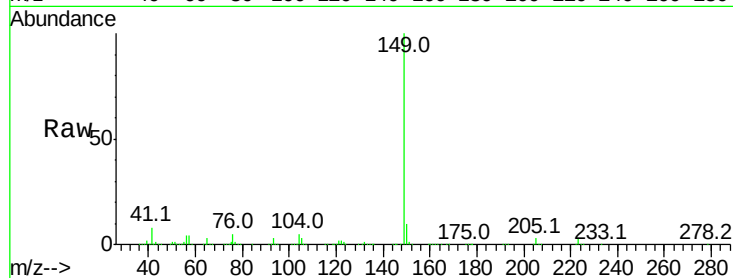
Tot Ion:149 Resp: 1706859

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

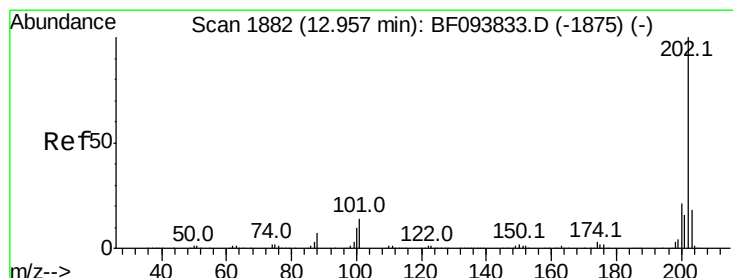
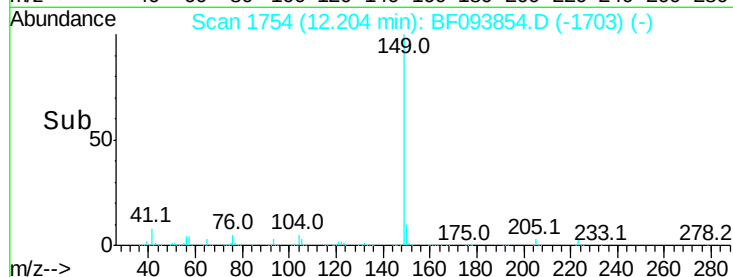
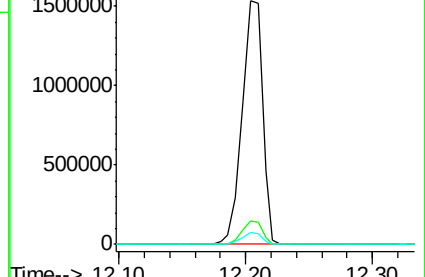
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.08 ng

RT: 12.96 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

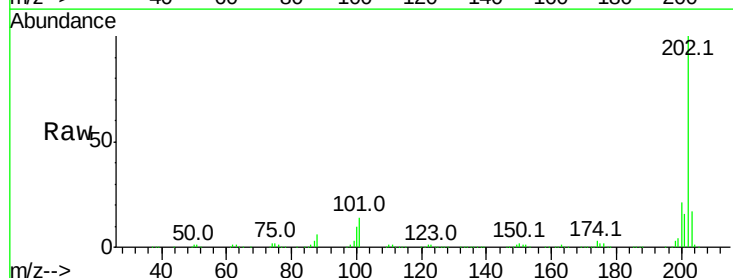
Tgt Ion:202 Resp: 1477238

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

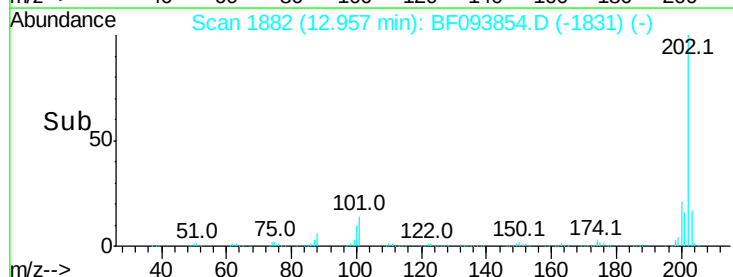
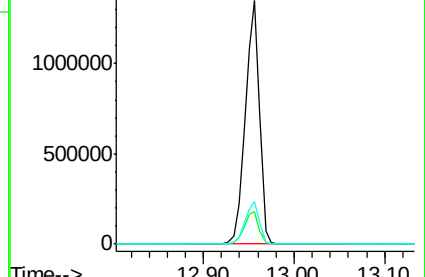
203 17.3 0.0 38.1

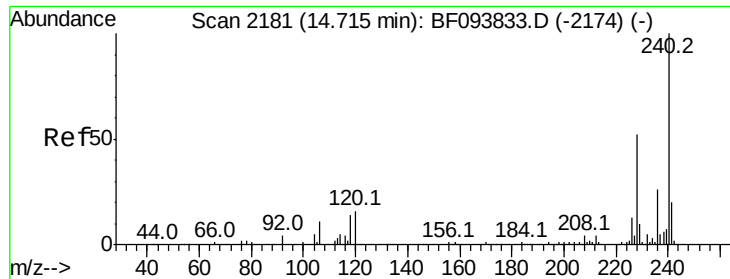


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

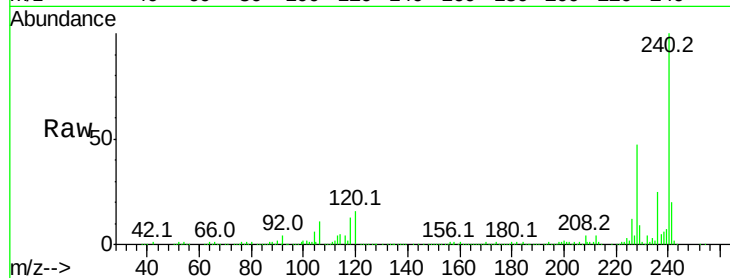




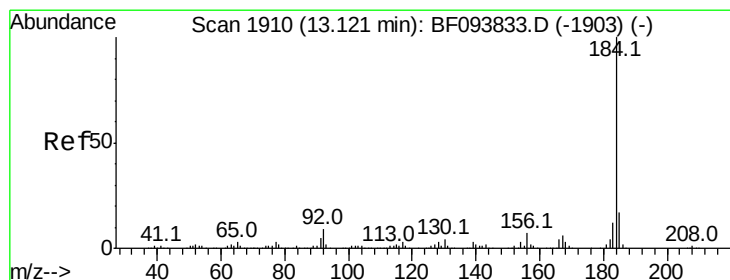
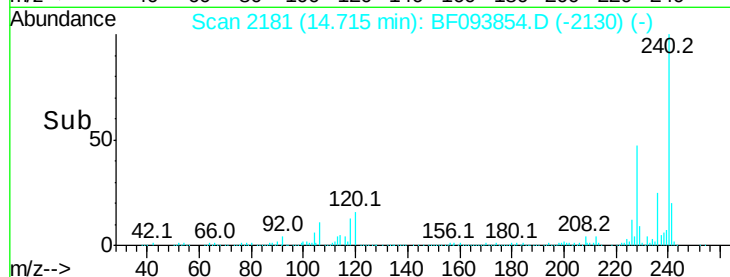
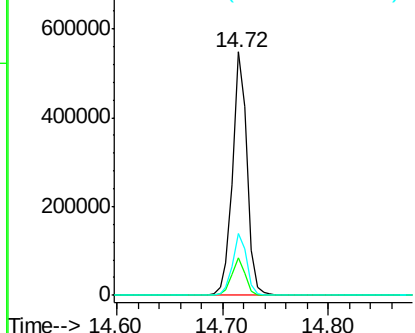
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.72 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Instrument :
BNA_F
ClientSampleId :
PB97750BS

Tot Ion:240 Resp: 514572
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 25.3 20.5 30.7

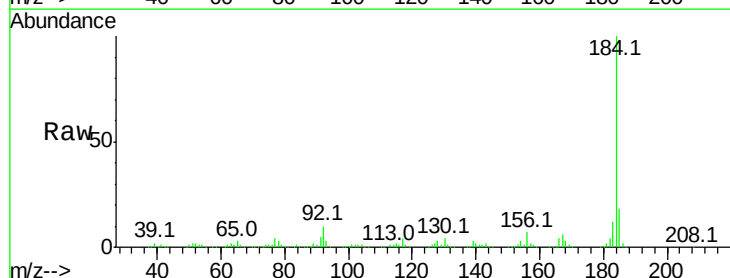


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

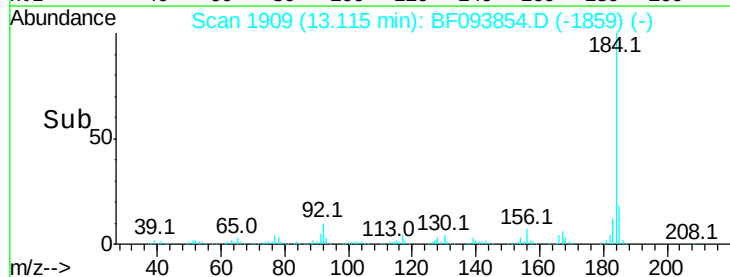
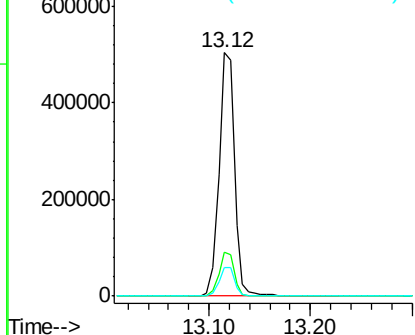


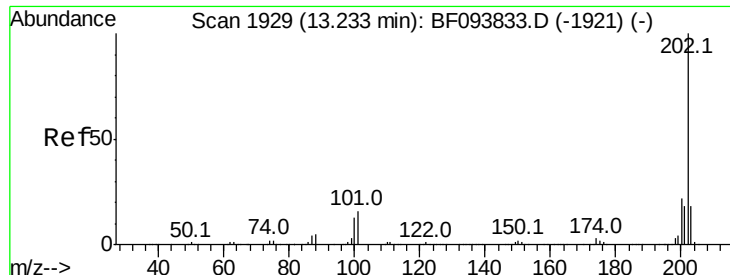
#76
Benzidine
Concen: 26.28 ng
RT: 13.12 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Tgt Ion:184 Resp: 535237
Ion Ratio Lower Upper
184 100
185 17.9 15.5 23.3
183 12.0 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

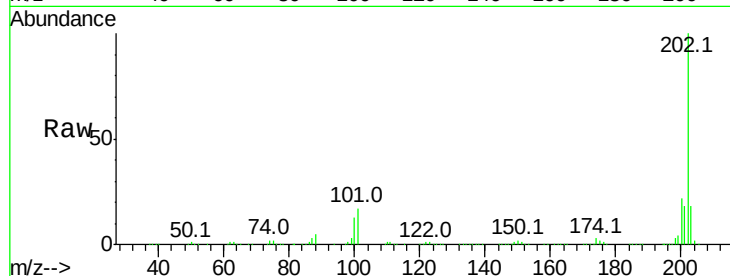




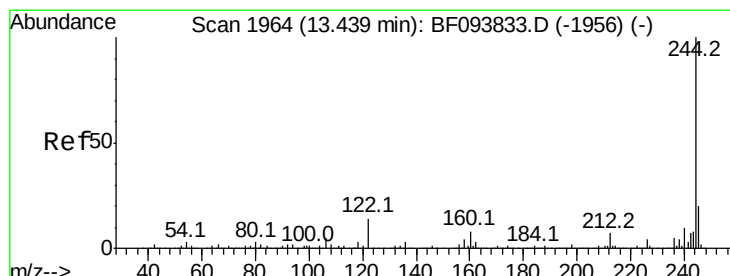
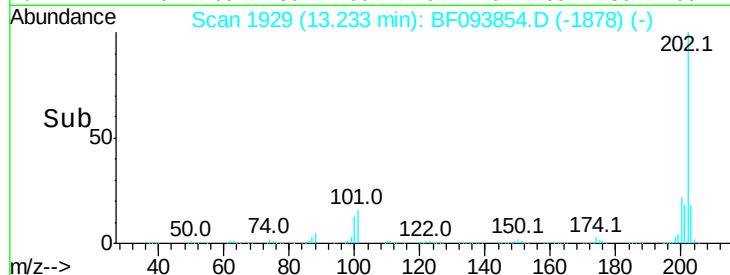
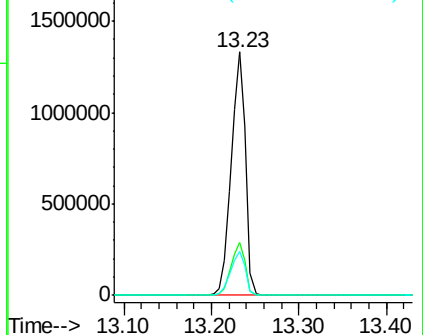
#77
Pvrene
Concen: 40.10 ng
RT: 13.23 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Instrument :
BNA_F
ClientSampleId :
PB97750BS

Tot Ion:202 Resp: 1497383
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.8 14.4 21.6

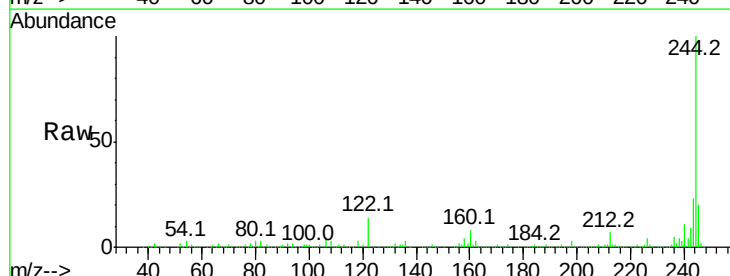


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

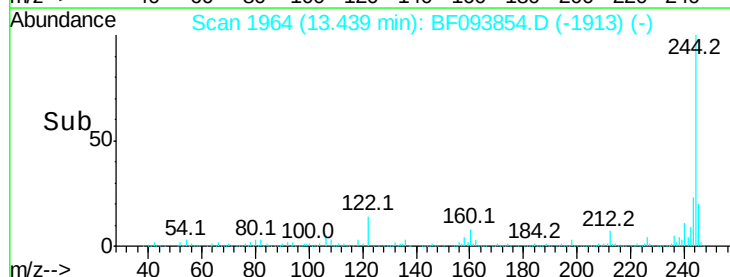
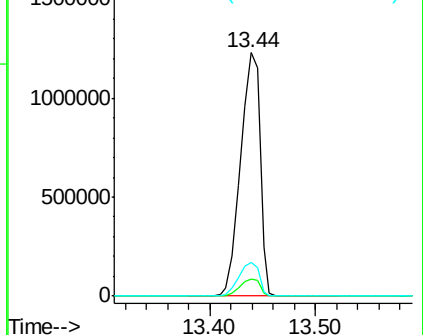


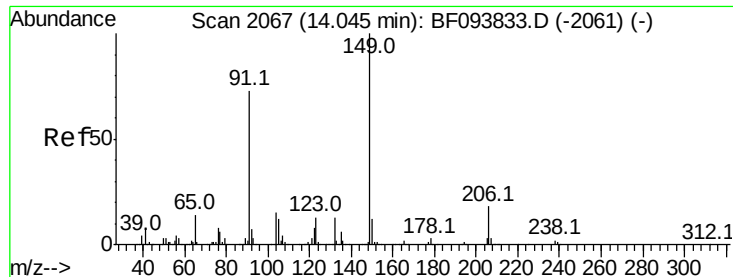
#78
Terphenyl-d14
Concen: 68.17 ng
RT: 13.44 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BF093854.D
Acq: 23 Mar 2017 1:45

Tgt Ion:244 Resp: 1565016
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 14.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.83 ng

RT: 14.05 min Scan# 2068

Delta R.T. 0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

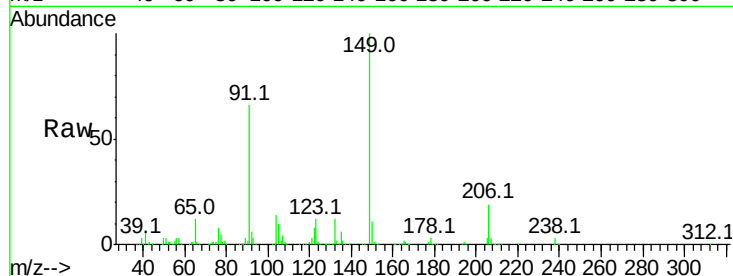
Tot Ion:149 Resp: 713282

Ion Ratio Lower Upper

149 100

91 66.1 45.0 67.4

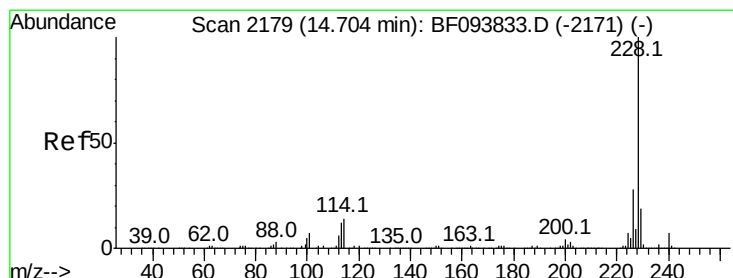
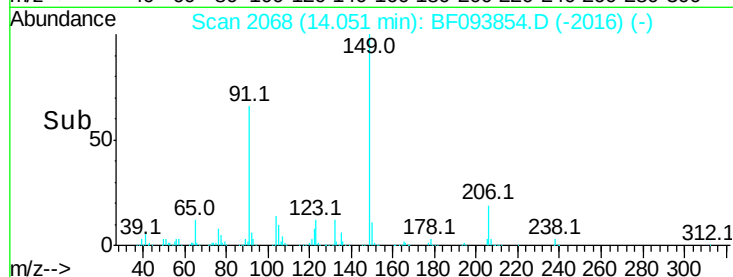
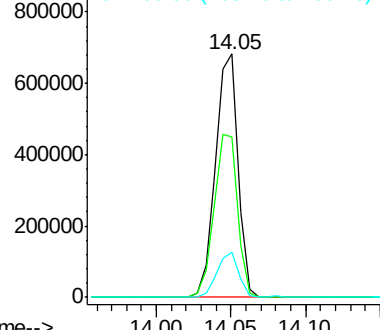
206 18.8 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.63 ng

RT: 14.70 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

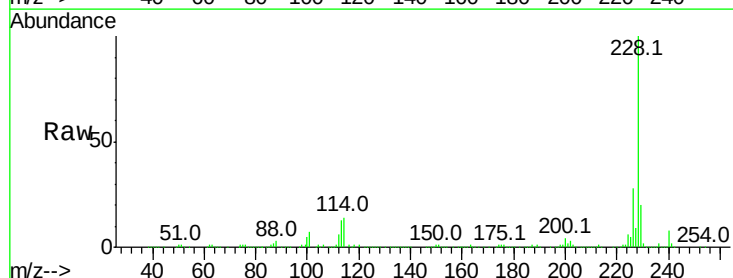
Tgt Ion:228 Resp: 1219017

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

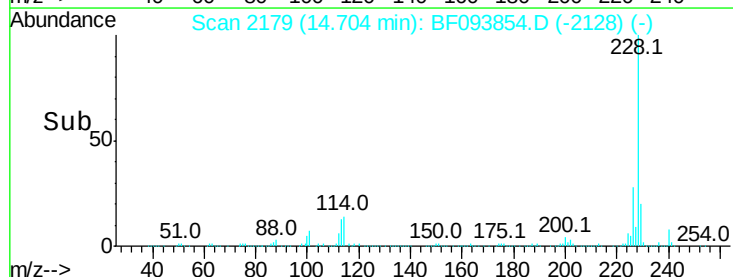
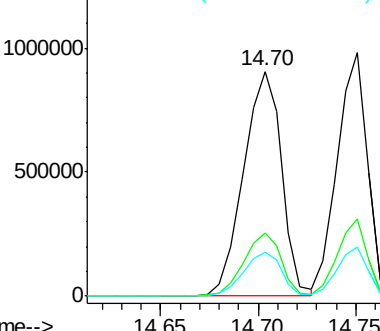
229 19.8 16.3 24.5

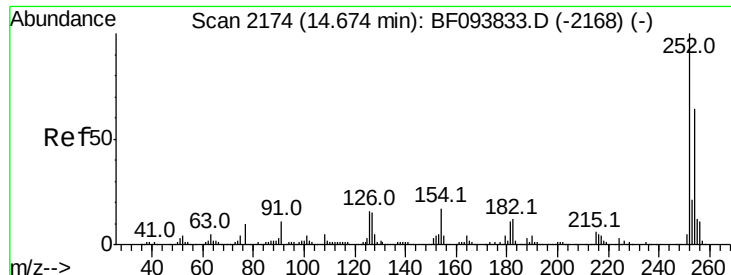


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 17.27 ng

RT: 14.67 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

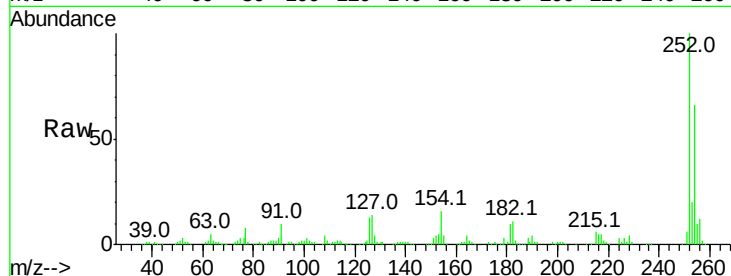
Tot Ion:252 Resp: 185186

Ion Ratio Lower Upper

252 100

254 66.0 51.5 77.3

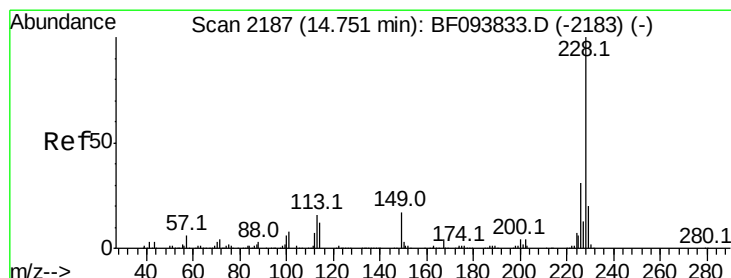
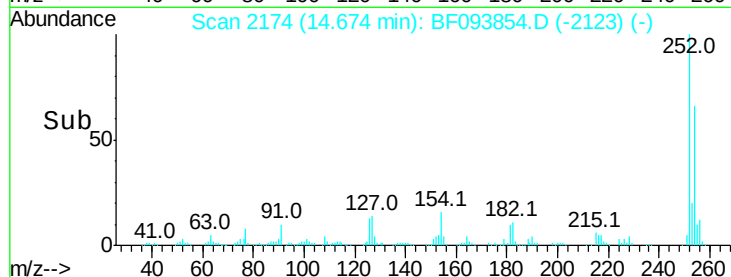
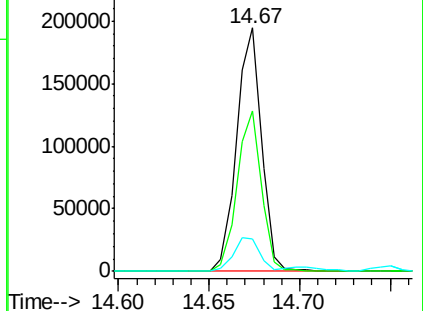
126 13.2 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.10 ng

RT: 14.75 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

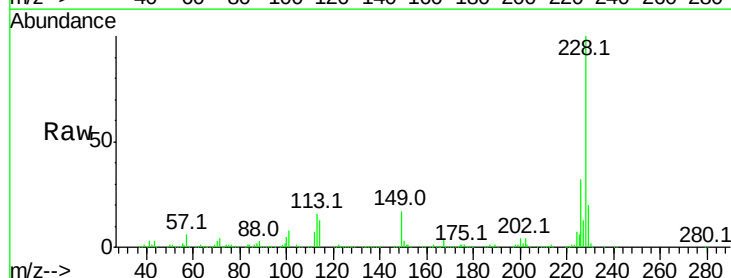
Tgt Ion:228 Resp: 1061016

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

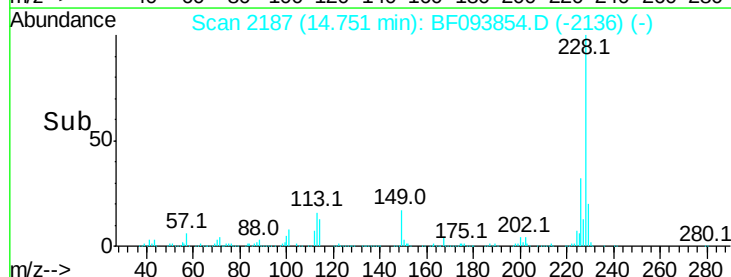
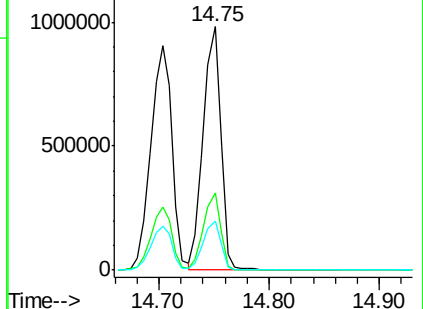
229 20.0 15.8 23.6

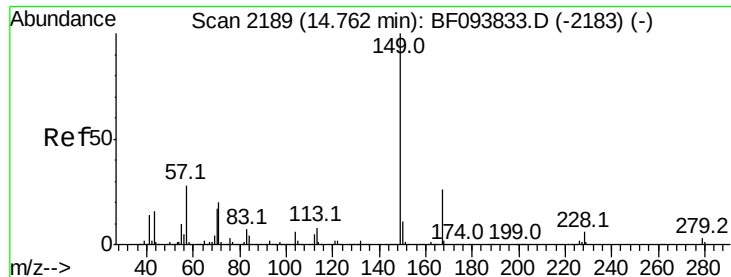


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.07 ng

RT: 14.76 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

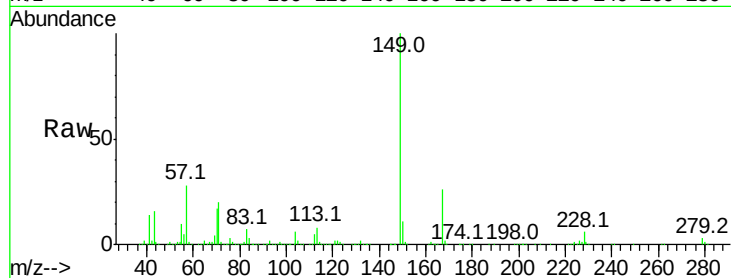
Tot Ion:149 Resp: 978402

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

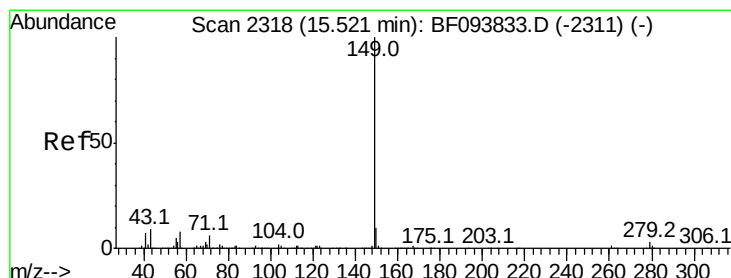
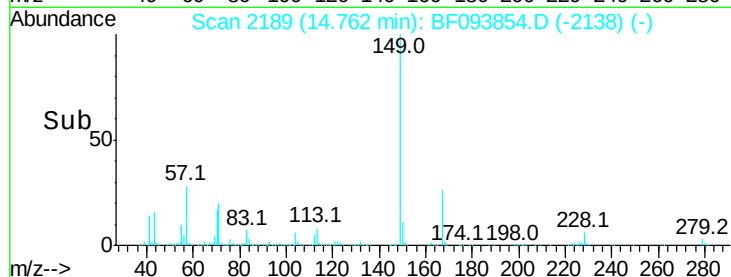
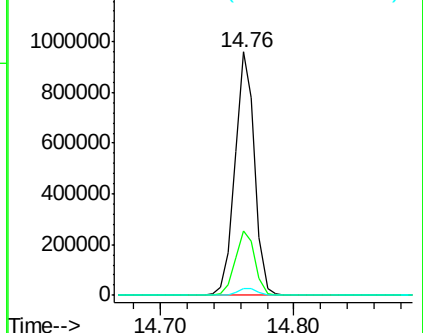
279 2.8 1.9 2.9



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: 45.21 ng

RT: 15.52 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

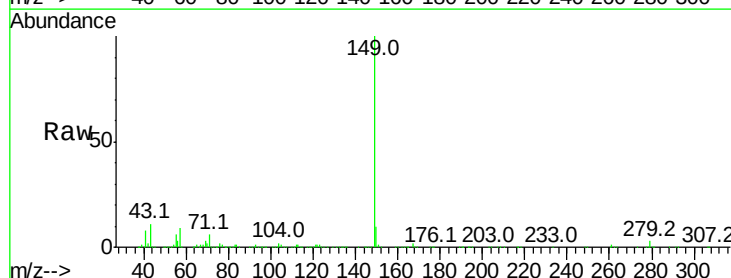
Tgt Ion:149 Resp: 1639532

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

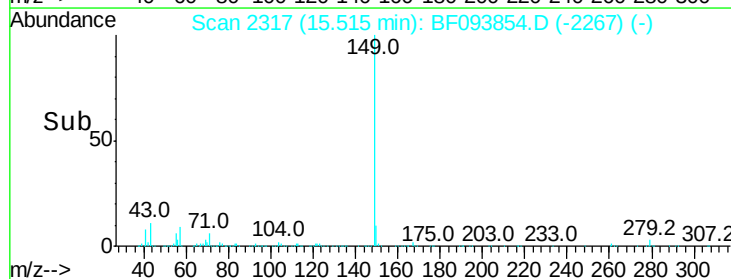
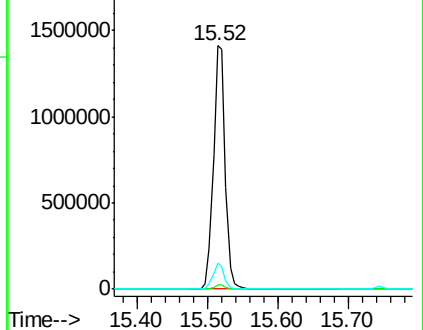
43 10.2 8.5 12.7

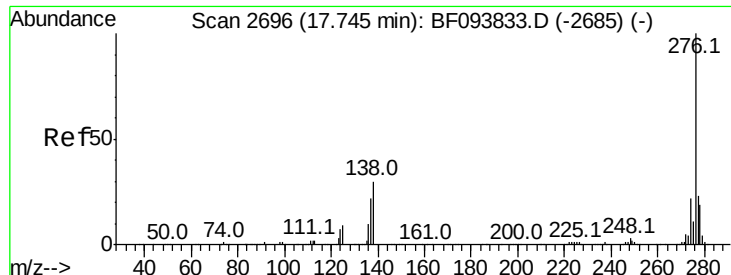


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

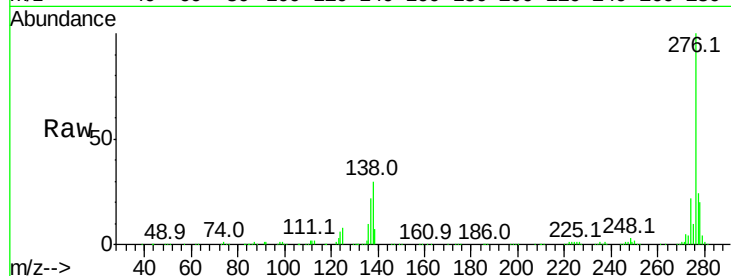




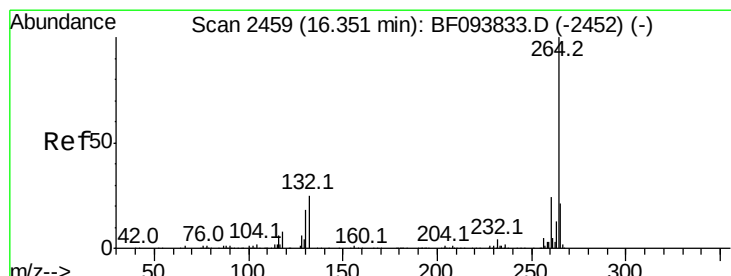
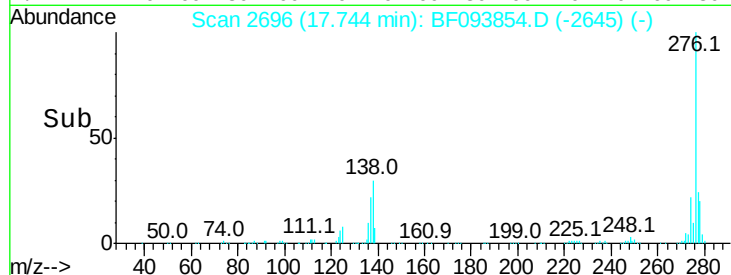
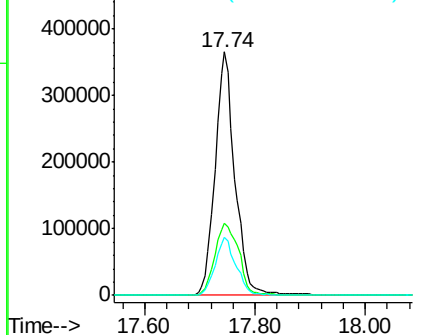
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.00 ng
 RT: 17.74 min Scan# 2696
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BS

Tot Ion:276 Resp: 916520
 Ion Ratio Lower Upper
 276 100
 138 35.8 27.8 41.6
 277 25.0 20.2 30.4

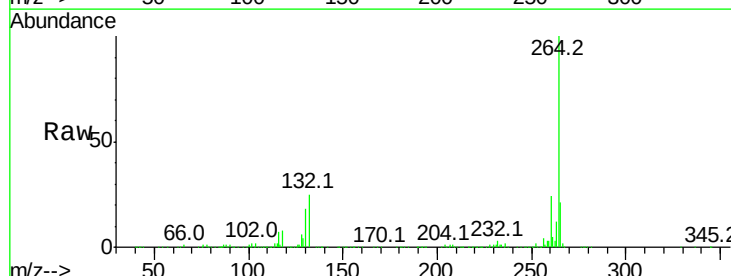


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

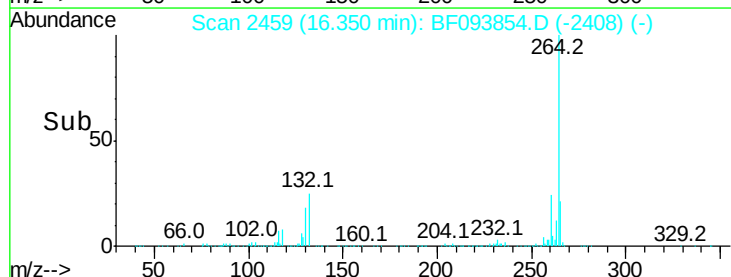
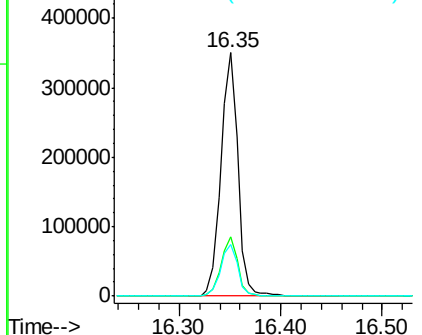


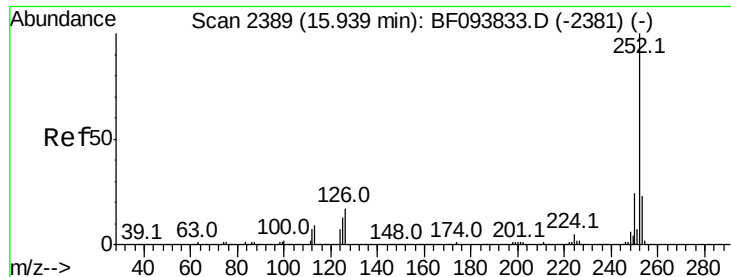
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.35 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: BF093854.D
 Acq: 23 Mar 2017 1:45

Tgt Ion:264 Resp: 408863
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.08 ng

RT: 15.94 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

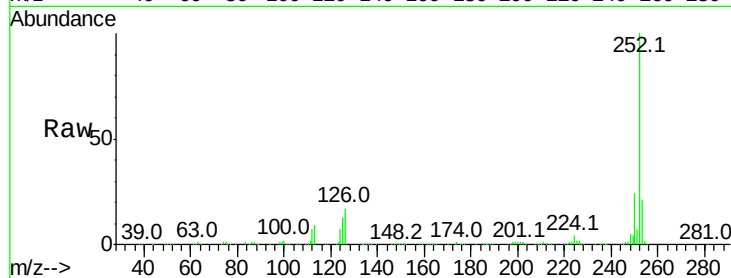
Tot Ion:252 Resp: 1029465

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

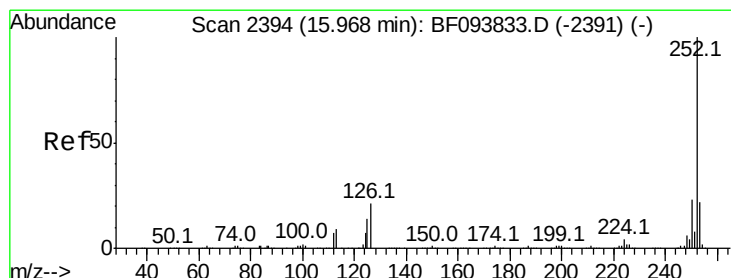
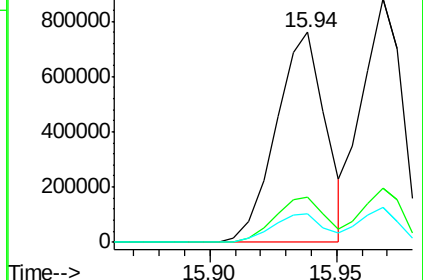
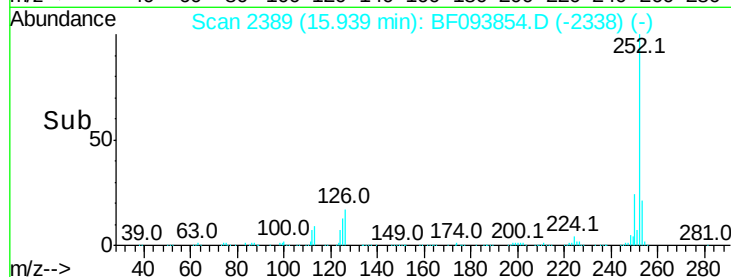
125 13.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.73 ng

RT: 15.97 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

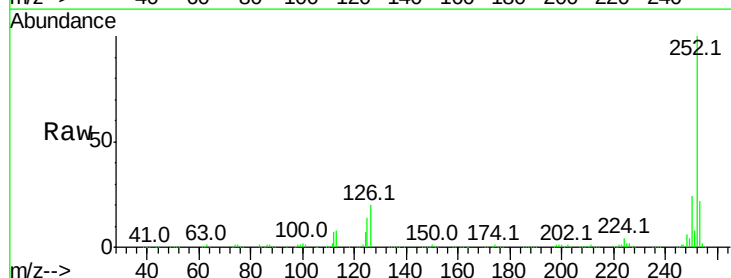
Tgt Ion:252 Resp: 998821

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

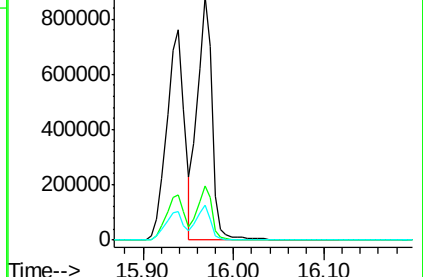
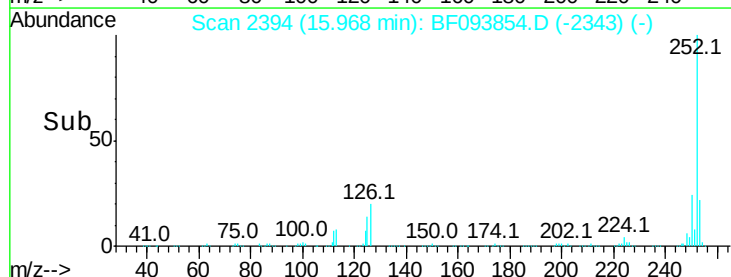
125 14.1 13.1 19.7

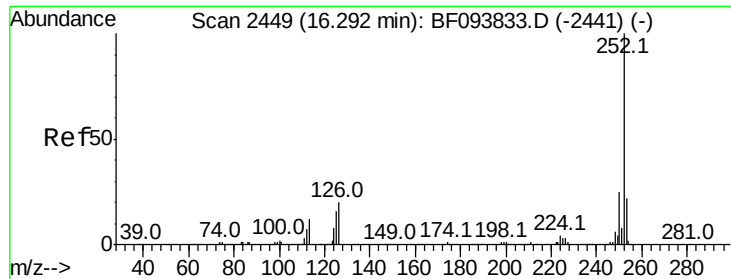


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.00 ng

RT: 16.29 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampled :

PB97750BS

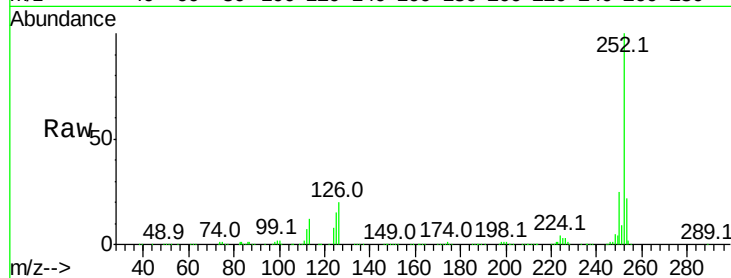
Tot Ion:252 Resp: 946164

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

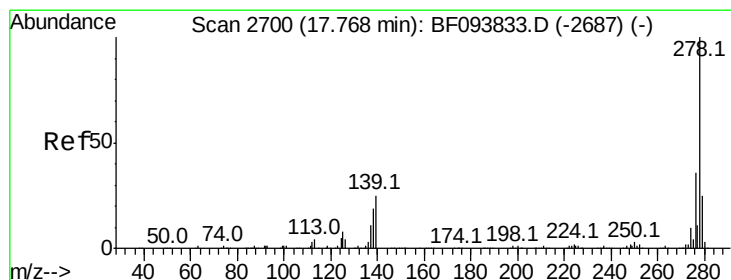
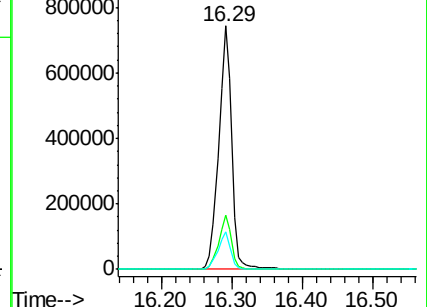
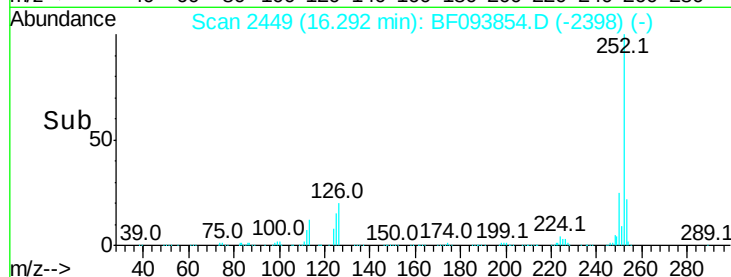
125 15.3 11.0 16.4



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: 38.83 ng

RT: 17.77 min Scan# 2700

Delta R.T. -0.00 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

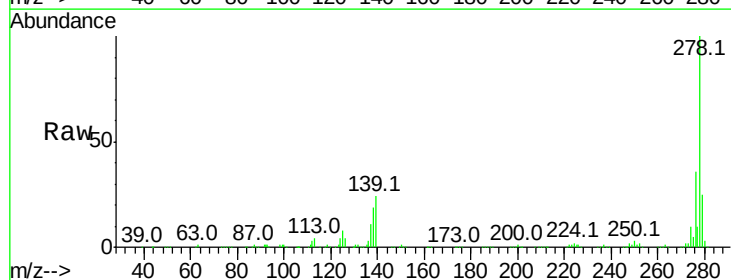
Tgt Ion:278 Resp: 758886

Ion Ratio Lower Upper

278 100

139 23.6 16.6 24.8

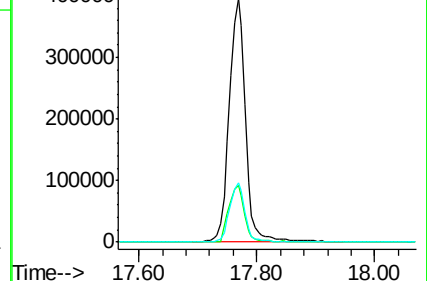
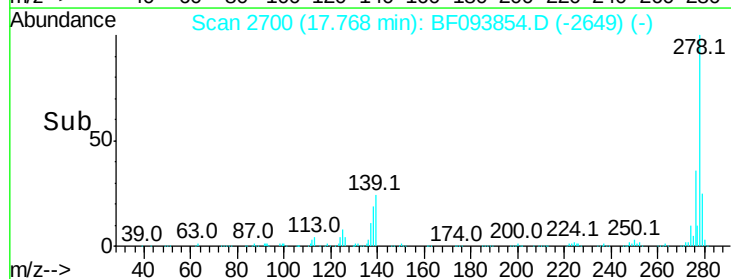
279 24.5 19.3 28.9

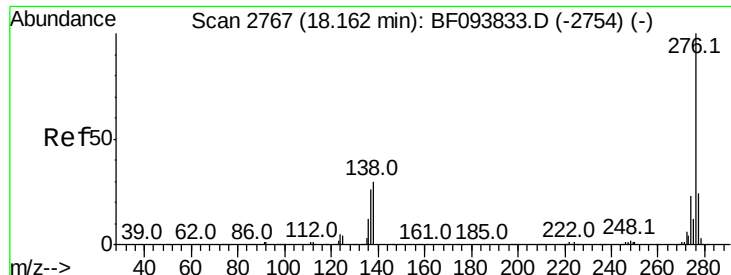


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.97 ng

RT: 18.16 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BF093854.D

Acq: 23 Mar 2017 1:45

Instrument :

BNA_F

ClientSampleId :

PB97750BS

Tot Ion:276 Resp: 747886

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 32.1 25.4 38.0

