

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094321.D
 Acq On : 10 Apr 2017 19:49
 Operator : SJ/MA
 Sample : I2601-09MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:49:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	162626	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	652419	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	294309	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	507190	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	380423	20.00	ng	-0.02
86) Perylene-d12	16.18	264	269208	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1047888	108.83	ng	0.02
7) Phenol-d6	5.48	99	1331566	111.79	ng	0.02
23) Nitrobenzene-d5	6.49	82	829150	72.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	279559	120.21	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1482572	76.83	ng	-0.02
78) Terphenyl-d14	13.29	244	1222790	72.05	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.22	88	142096	30.72	ng	96
3) Pyridine	2.72	79	106340	8.43	ng	99
4) n-Nitrosodimethylamine	2.67	42	184742	35.61	ng	83
6) Aniline	5.46	93	289716	17.49	ng	92
8) 2-Chlorophenol	5.62	128	407920	38.54	ng	95
9) Benzaldehyde	5.33	77	160043	19.90	ng	96
10) Phenol	5.49	94	558199	41.18	ng	90
11) bis(2-Chloroethyl)ether	5.55	93	390424	36.86	ng	96
12) 1,3-Dichlorobenzene	5.77	146	442430	37.27	ng	99
13) 1,4-Dichlorobenzene	5.86	146	446721	37.15	ng	96
14) 1,2-Dichlorobenzene	6.03	146	411560	37.17	ng	96
15) Benzyl Alcohol	6.02	79	319701	36.67	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.17	45	519444	31.82	ng	# 36
17) 2-Methylphenol	6.17	107	326643	36.04	ng	# 92
18) Hexachloroethane	6.43	117	154987	36.67	ng	# 87
19) n-Nitroso-di-n-propylamine	6.33	70	298050	38.93	ng	96
20) 3+4-Methylphenols	6.35	107	452563	41.23	ng	# 61
22) Acetophenone	6.32	105	571699	39.32	ng	# 85
24) Nitrobenzene	6.51	77	418242	37.09	ng	96
25) Isophorone	6.80	82	741389	36.91	ng	96
26) 2-Nitrophenol	6.89	139	227461	42.30	ng	96
27) 2,4-Dimethylphenol	6.97	122	364138	39.30	ng	99
28) bis(2-Chloroethoxy)methane	7.06	93	483229	36.48	ng	99
29) 2,4-Dichlorophenol	7.20	162	344596	39.78	ng	99
30) 1,2,4-Trichlorobenzene	7.28	180	340569	38.17	ng	98
31) Naphthalene	7.37	128	1156819	36.88	ng	99
32) Benzoic acid	7.13	122	128586	20.85	ng	94
33) 4-Chloroaniline	7.44	127	260453	20.48	ng	94
34) Hexachlorobutadiene	7.52	225	171713	37.53	ng	99
35) Caprolactam	7.88	113	43553	15.77	ng	91
36) 4-Chloro-3-methylphenol	8.07	107	355670	39.29	ng	89
37) 2-Methylnaphthalene	8.21	142	791497	37.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	296119	36.78	ng	98
40) Hexachlorocyclopentadiene	8.40	237	284317	75.46	ng	99

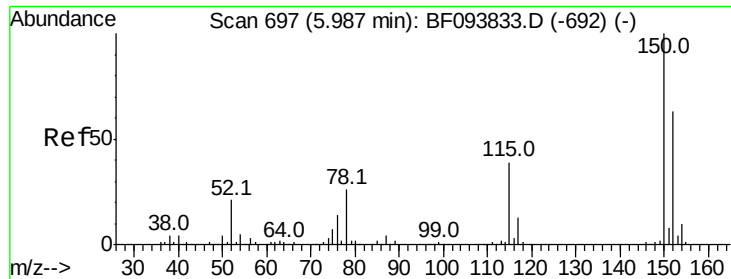
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094321.D
 Acq On : 10 Apr 2017 19:49
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.57	196	226206	39.71	nq	98
43) 2,4,5-Trichlorophenol	8.63	196	225074	36.52	nq	95
45) 1,1'-Biphenyl	8.79	154	877510	36.97	nq	97
46) 2-Chloronaphthalene	8.80	162	704502	37.91	nq	95
47) 2-Nitroaniline	8.94	65	211223	38.32	nq	# 84
48) Acenaphthylene	9.31	152	1087159	35.20	nq	99
49) Dimethylphthalate	9.18	163	1111391	53.12	nq	99
50) 2,6-Dinitrotoluene	9.25	165	183747	38.31	nq	99
51) Acenaphthene	9.53	154	649891	36.06	nq	99
52) 3-Nitroaniline	9.45	138	156294	27.75	nq	91
53) 2,4-Dinitrophenol	9.58	184	152310	60.55	nq	# 72
54) Dibenzofuran	9.74	168	922079	37.59	nq	98
55) 4-Nitrophenol	9.72	139	334714	75.90	nq	89
56) 2,4-Dinitrotoluene	9.74	165	220413	36.59	nq	# 72
57) Fluorene	10.16	166	712448	35.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	165146	39.05	nq	96
59) Diethylphthalate	10.05	149	789463	38.18	nq	99
60) 4-Chlorophenyl-phenylether	10.16	204	308120	35.55	nq	95
61) 4-Nitroaniline	10.20	138	186865	34.58	nq	94
62) Azobenzene	10.36	77	755352	38.62	nq	94
64) 4,6-Dinitro-2-methylphenol	10.25	198	119564	38.49	nq	# 63
65) n-Nitrosodiphenylamine	10.32	169	664200	37.87	nq	100
66) 4-Bromophenyl-phenylether	10.76	248	188373	37.76	nq	98
67) Hexachlorobenzene	10.83	284	192654	38.15	nq	# 83
68) Atrazine	10.99	200	191876	36.52	nq	97
69) Pentachlorophenol	11.09	266	167880	53.41	nq	97
70) Phenanthrene	11.34	178	1022706	36.25	nq	99
71) Anthracene	11.40	178	1072471	36.92	nq	98
72) Carbazole	11.61	167	999243	33.54	nq	98
73) Di-n-butylphthalate	12.05	149	1195265	38.58	nq	99
74) Fluoranthene	12.80	202	1041969	36.07	nq	99
77) Pyrene	13.07	202	1050828	38.06	nq	99
79) Butylbenzylphthalate	13.89	149	492739	41.89	nq	# 87
80) Benzo(a)anthracene	14.54	228	803045	36.20	nq	99
81) 3,3'-Dichlorobenzidine	14.52	252	180756	22.80	nq	# 96
82) Chrysene	14.59	228	701050	34.05	nq	99
83) Bis(2-ethylhexyl)phthalate	14.60	149	670671	41.79	nq	99
84) Di-n-octyl phthalate	15.36	149	1055291	39.36	nq	97
85) Indeno(1,2,3-cd)pyrene	17.50	276	608284	34.12	nq	99
87) Benzo(b)fluoranthene	15.78	252	617426	37.42	nq	99
88) Benzo(k)fluoranthene	15.81	252	594566	36.83	nq	96
89) Benzo(a)pyrene	16.13	252	564783	37.17	nq	99
90) Dibenzo(a,h)anthracene	17.52	278	504427	39.20	nq	98
91) Benzo(g,h,i)perylene	17.89	276	516991	39.86	nq	98

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

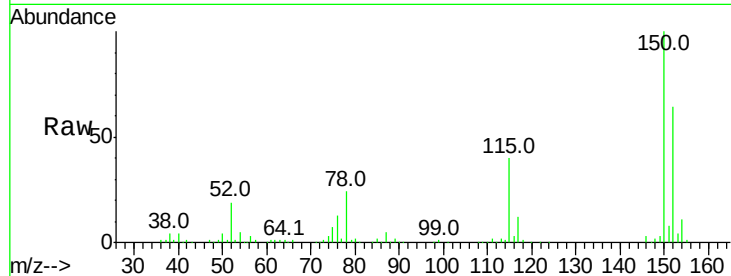


#1

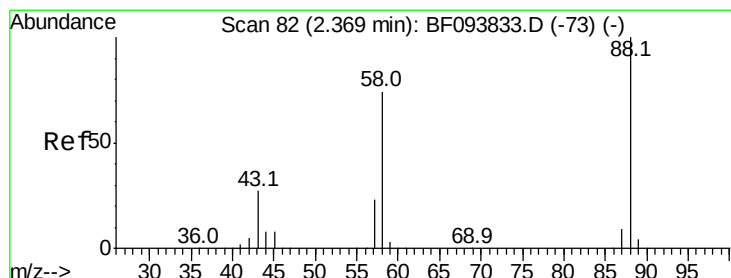
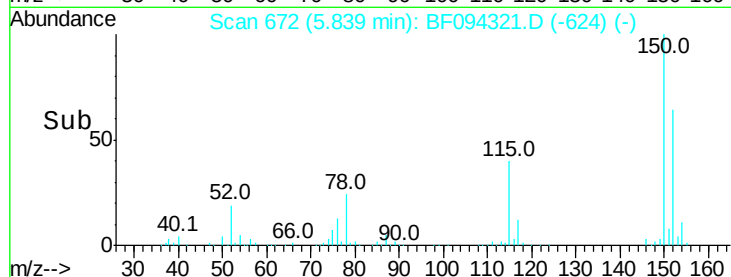
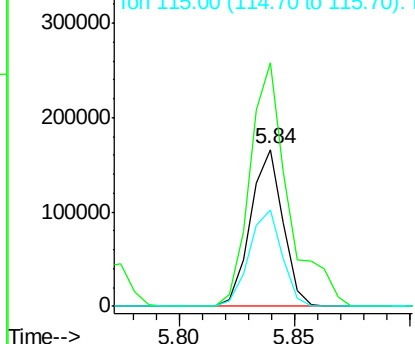
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162626
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 61.6 52.2 78.2



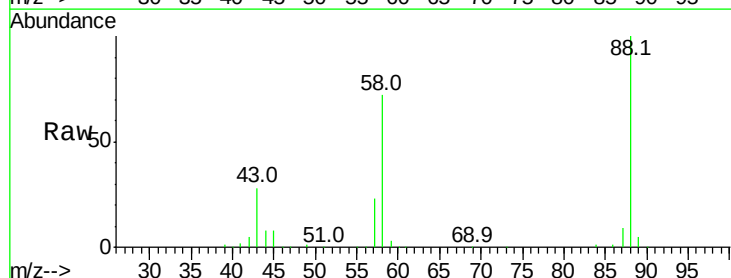
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



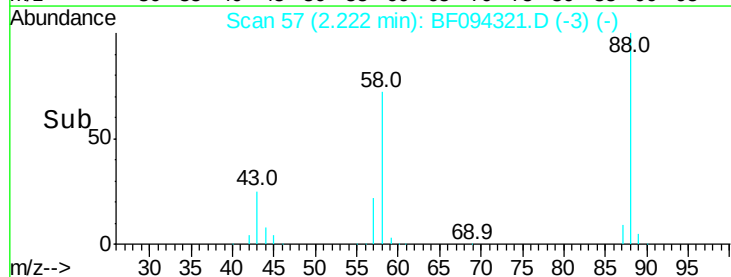
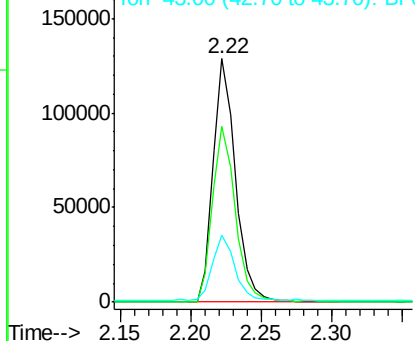
#2

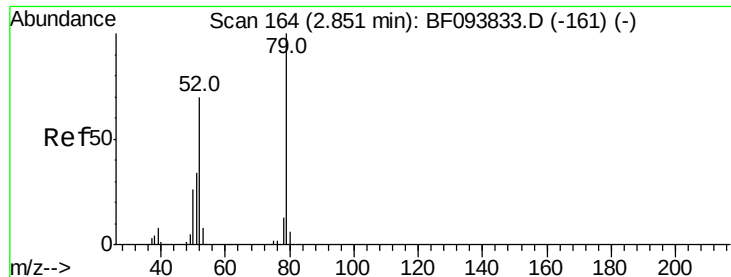
1,4-Dioxane
Concen: 30.72 ng
RT: 2.22 min Scan# 57
Delta R.T. 0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion: 88 Resp: 142096
Ion Ratio Lower Upper
88 100
58 73.4 61.4 92.0
43 27.2 23.4 35.0



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





#3

Pvridine

Concen: 8.43 ng

RT: 2.72 min Scan# 142

Delta R.T. 0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

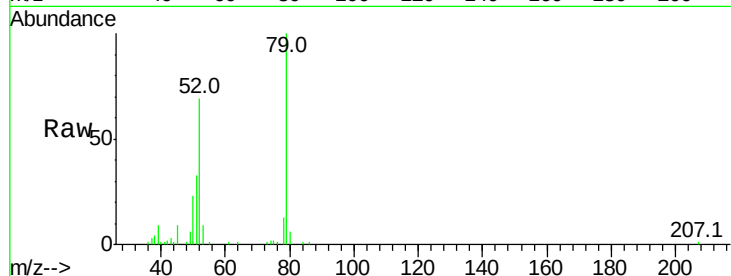
Tot Ion: 79 Resp: 106340

Ion Ratio Lower Upper

79 100

52 68.9 54.8 82.2

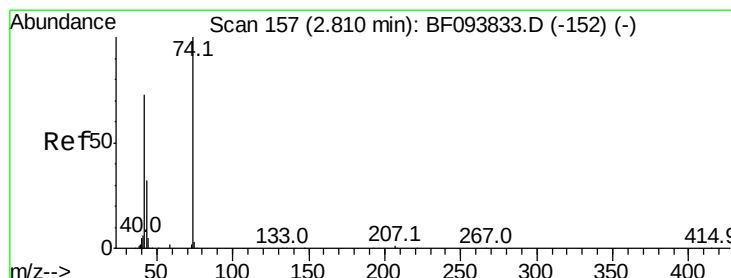
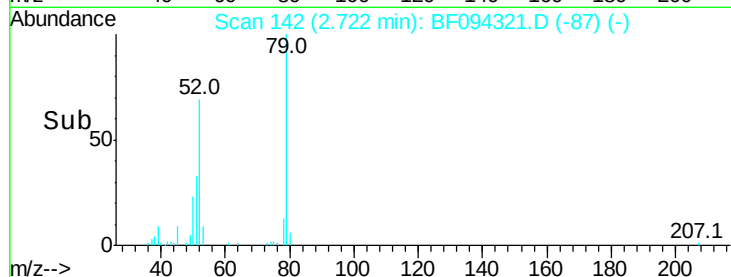
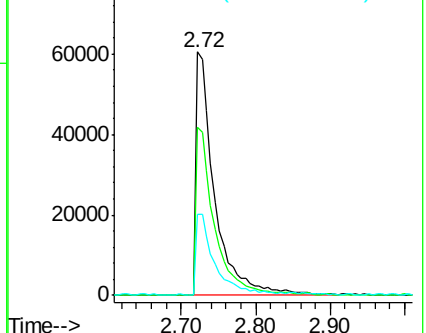
51 33.3 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.61 ng

RT: 2.67 min Scan# 134

Delta R.T. 0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

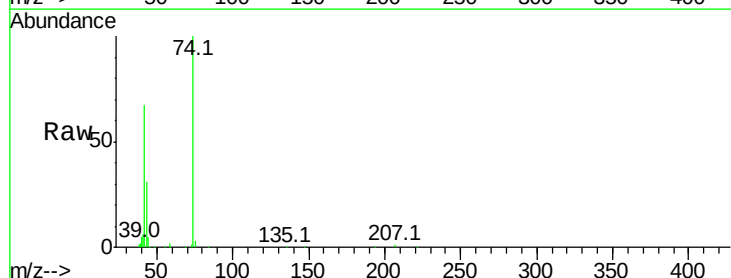
Tgt Ion: 42 Resp: 184742

Ion Ratio Lower Upper

42 100

74 150.3 103.9 155.9

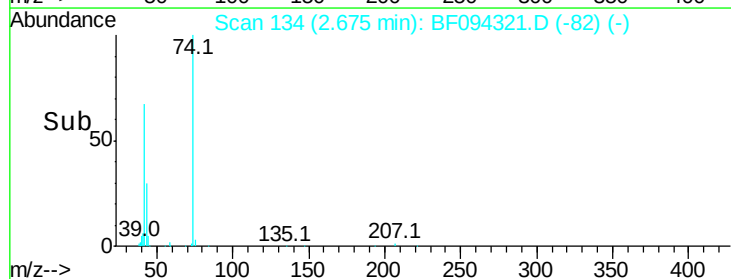
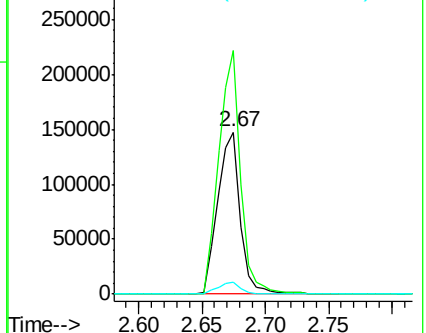
44 7.5 5.7 8.5

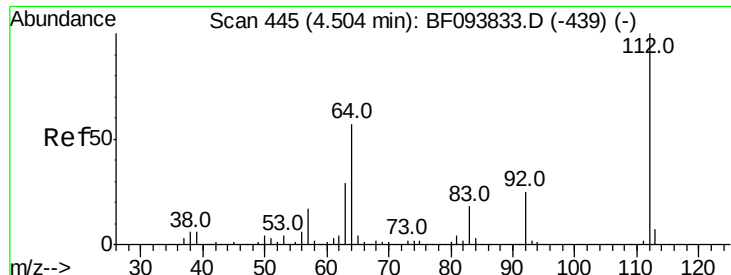


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.83 ng

RT: 4.40 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :
BNA_F
ClientSampled :

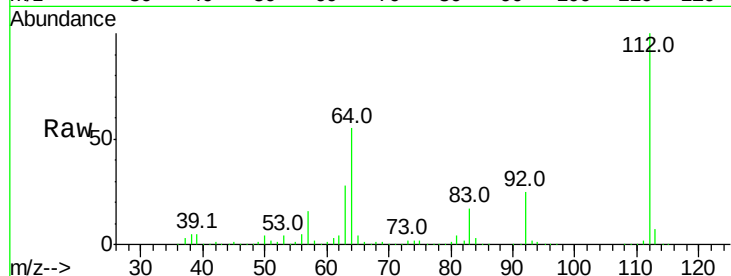
Tot Ion:112 Resp: 1047888

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

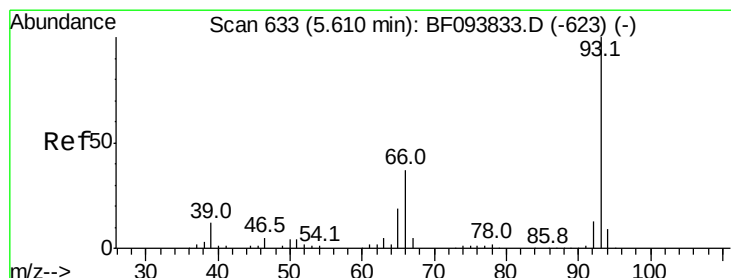
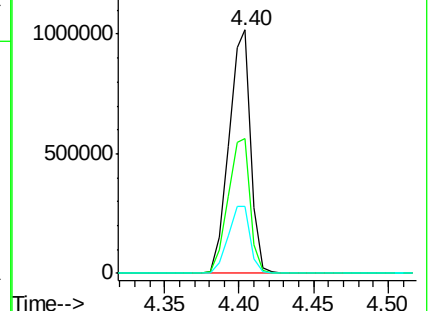
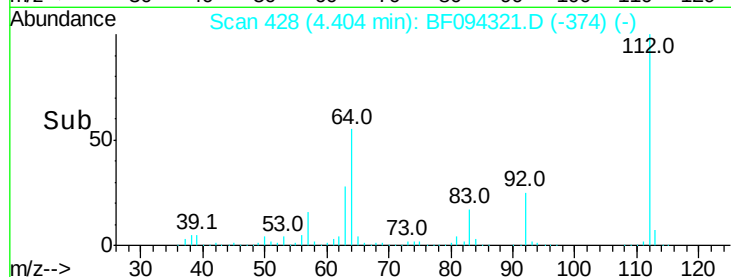
63 27.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.49 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

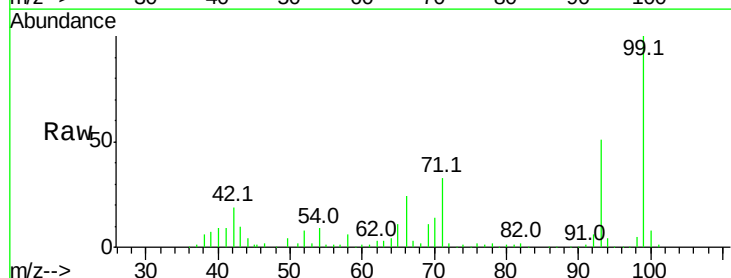
Tgt Ion: 93 Resp: 289716

Ion Ratio Lower Upper

93 100

66 47.5 32.9 49.3

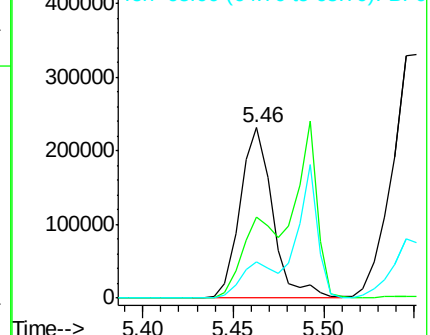
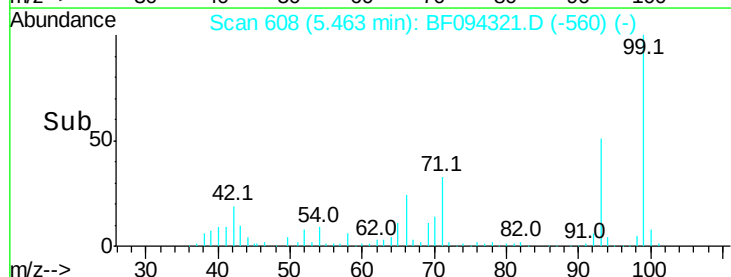
65 21.4 16.0 24.0

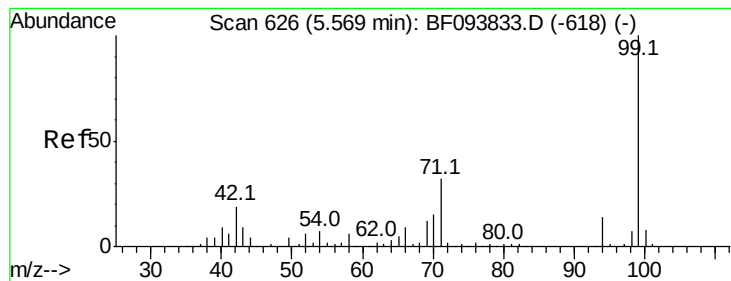


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.79 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

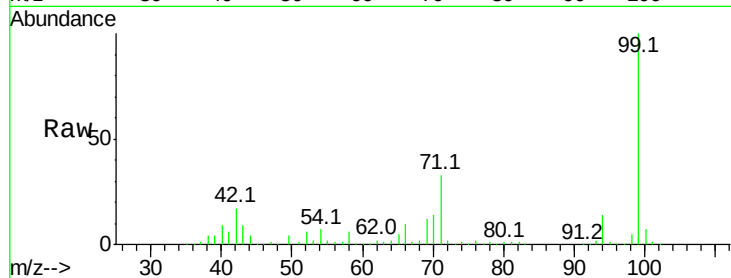
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1331566

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.1	24.5	36.7

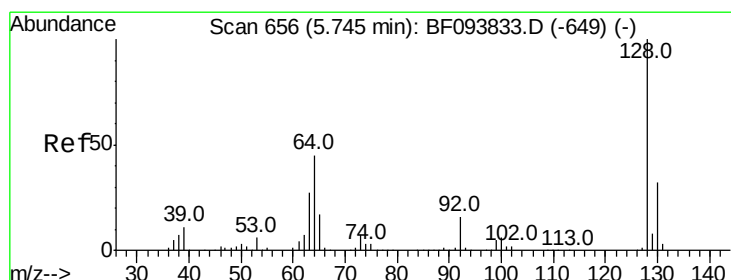
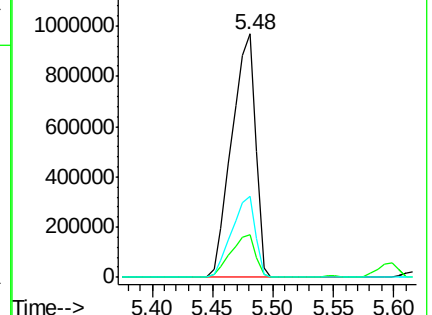
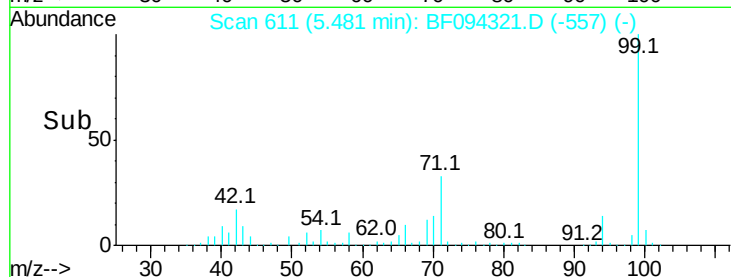


Abundance

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: 38.54 ng

RT: 5.62 min Scan# 634

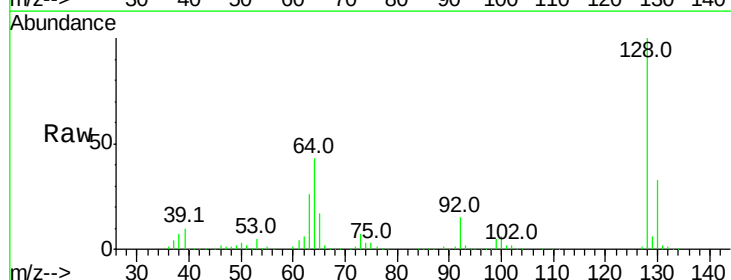
Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Tgt Ion: 128 Resp: 407920

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.9	52.9
64	42.7	28.4	68.4

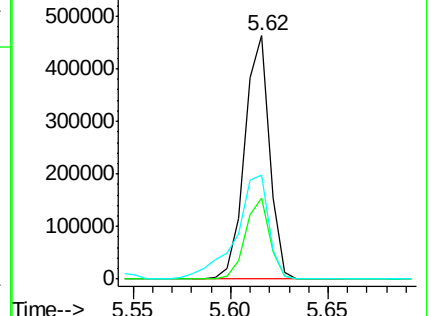
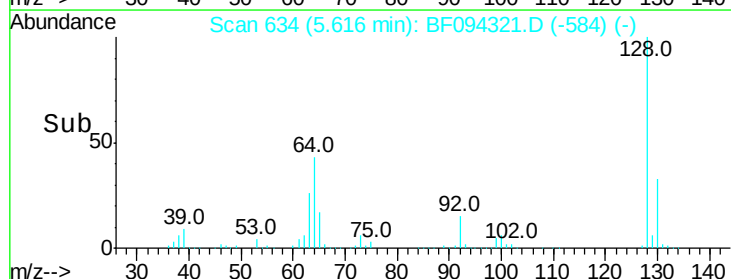


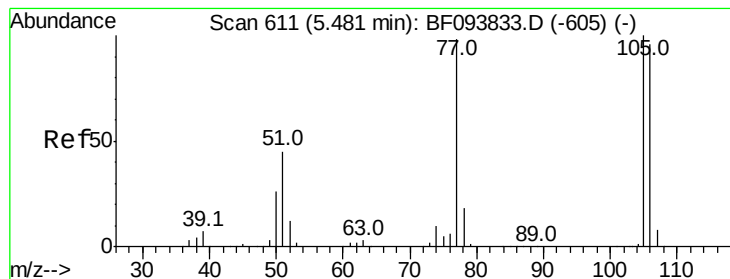
Abundance

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: 19.90 ng

RT: 5.33 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampled :

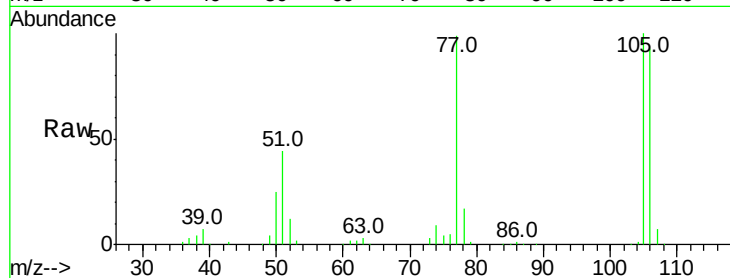
Tot Ion: 77 Resp: 160043

Ion Ratio Lower Upper

77 100

105 101.0 83.8 123.8

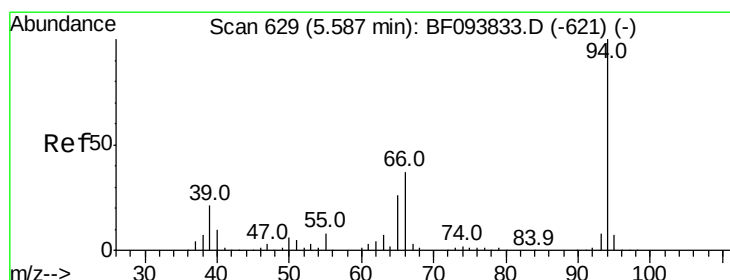
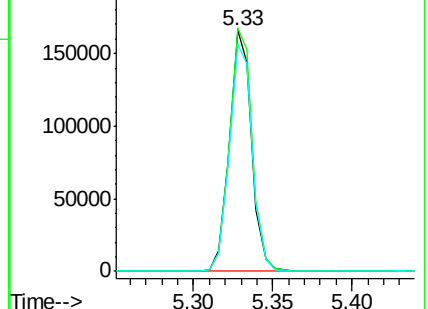
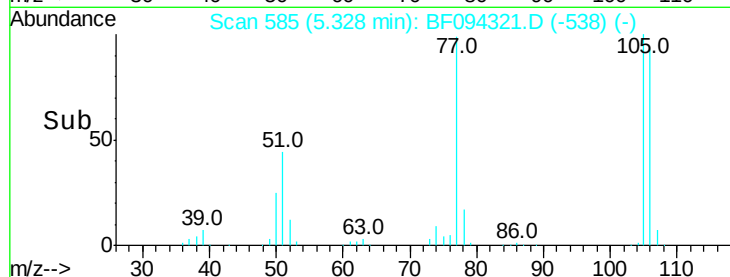
106 94.0 79.1 119.1



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: 41.18 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

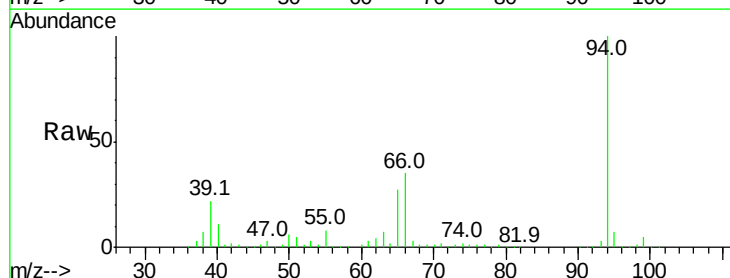
Tgt Ion: 94 Resp: 558199

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

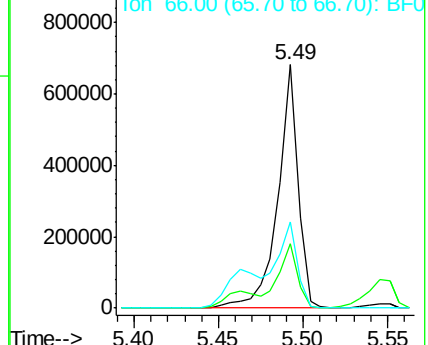
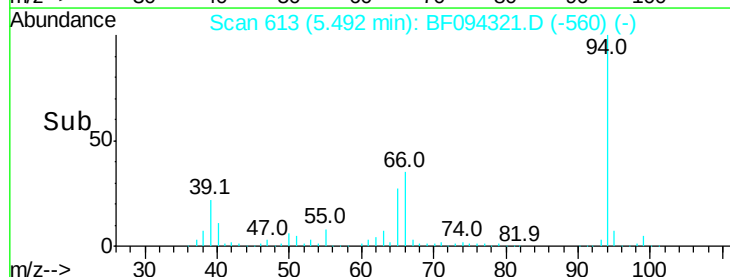
66 35.3 23.1 63.1

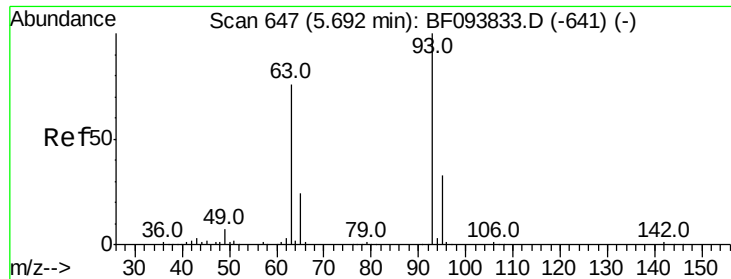


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

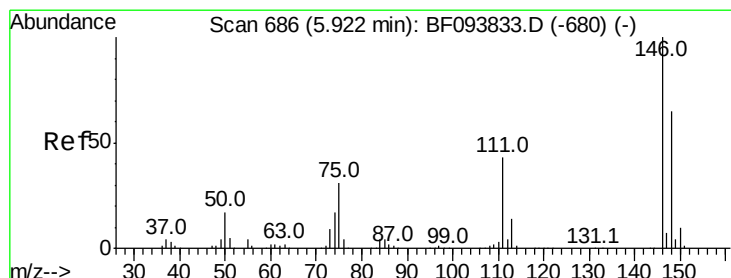
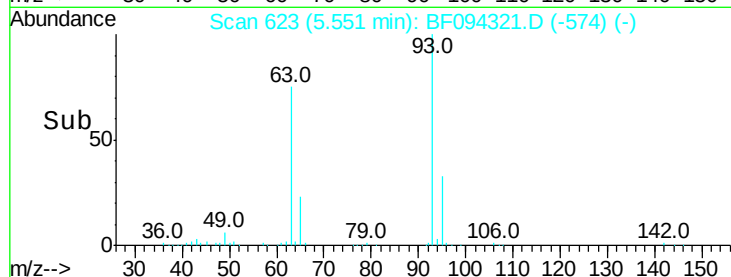
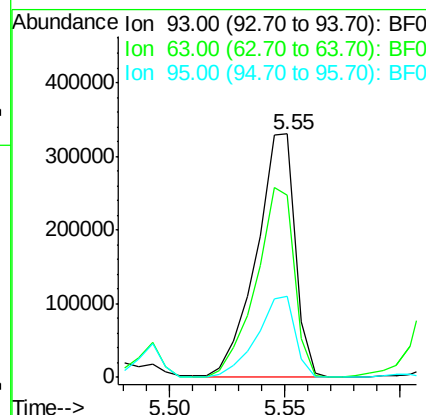
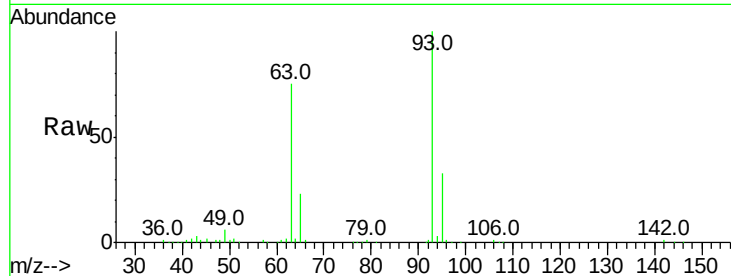




#11
bis(2-Chloroethyl)ether
Concen: 36.86 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

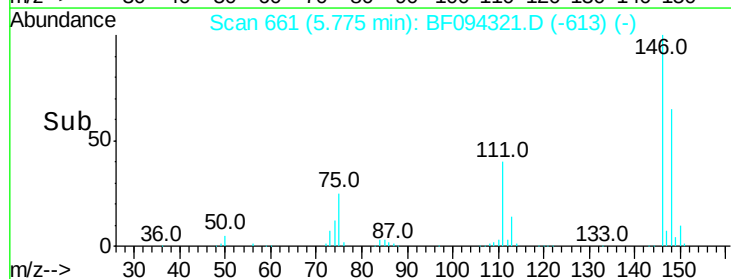
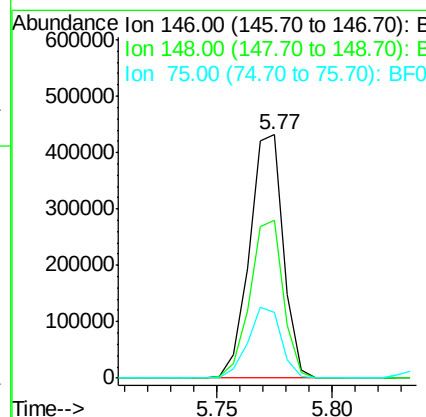
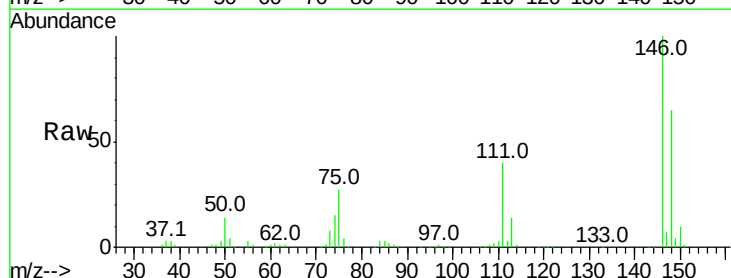
Instrument :
BNA_F
ClientSampleId :

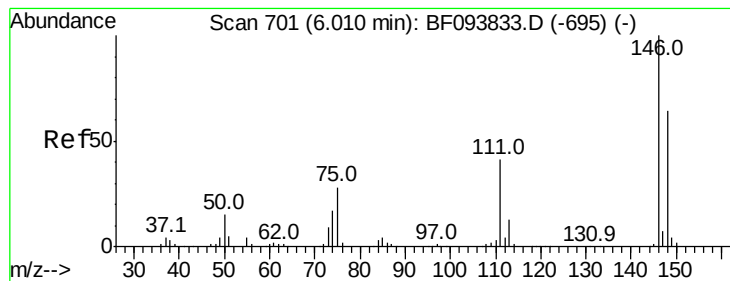
Tot Ion: 93 Resp: 390424
Ion Ratio Lower Upper
93 100
63 75.0 59.2 99.2
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.27 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion: 146 Resp: 442430
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 26.8 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 37.15 ng

RT: 5.86 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

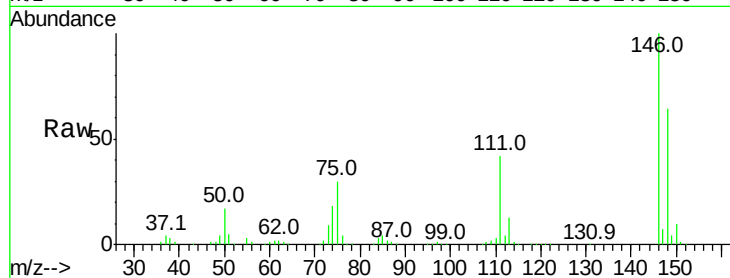
Tot Ion:146 Resp: 446721

Ion Ratio Lower Upper

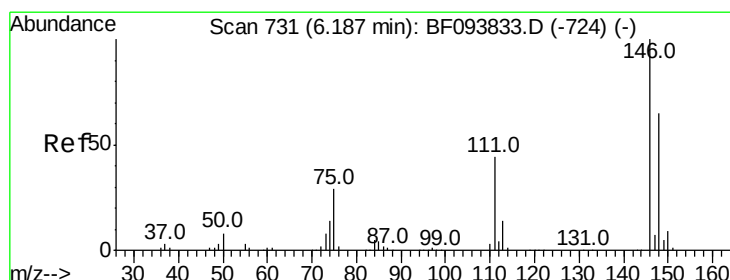
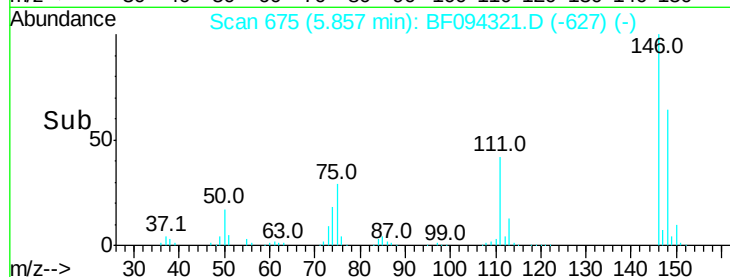
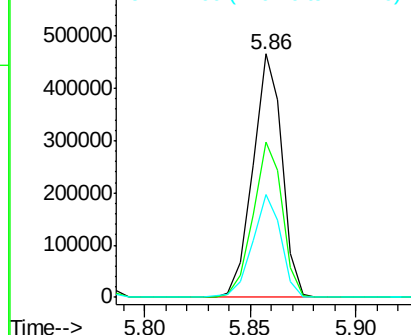
146 100

148 63.6 52.2 78.2

111 42.1 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: 37.17 ng

RT: 6.03 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

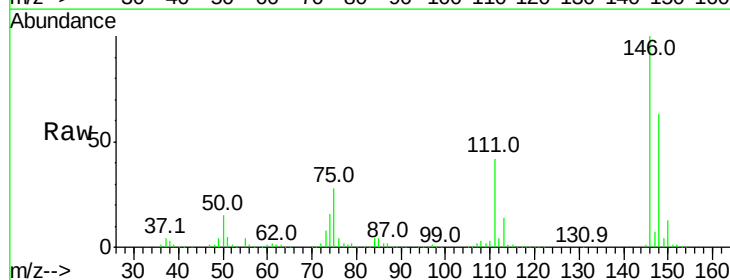
Tgt Ion:146 Resp: 411560

Ion Ratio Lower Upper

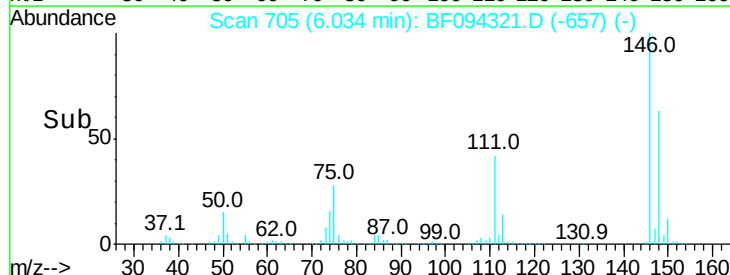
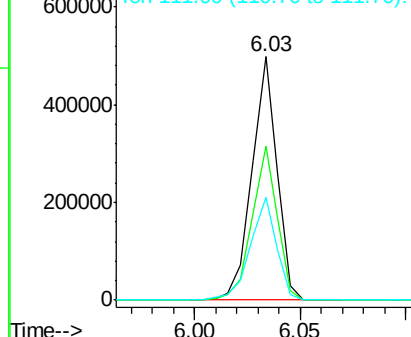
146 100

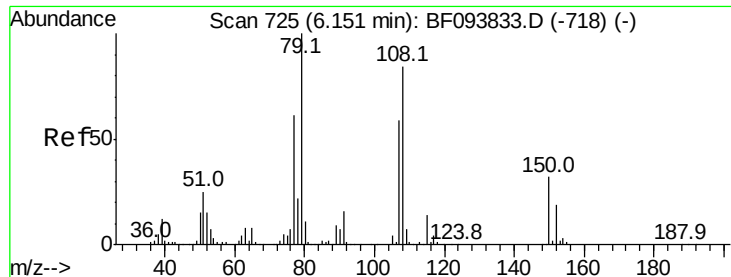
148 63.2 50.4 75.6

111 42.5 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: 36.67 ng

RT: 6.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampled :

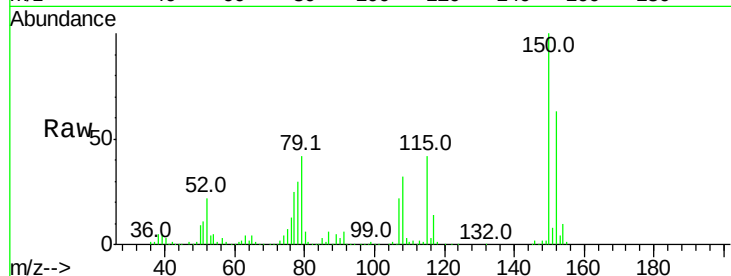
Tot Ion: 79 Resp: 319701

Ion Ratio Lower Upper

79 100

108 76.5 63.4 95.0

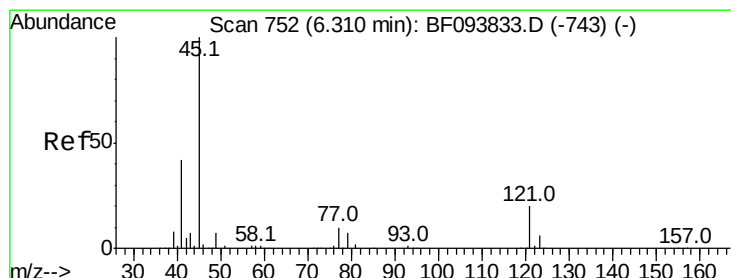
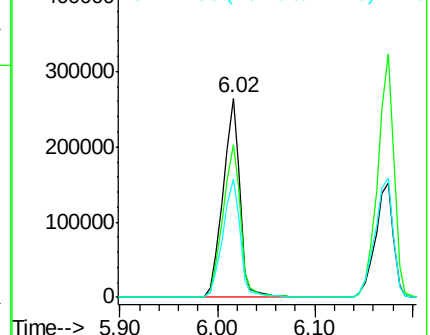
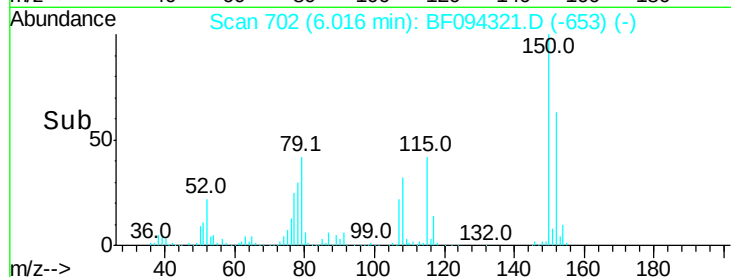
77 59.4 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.82 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

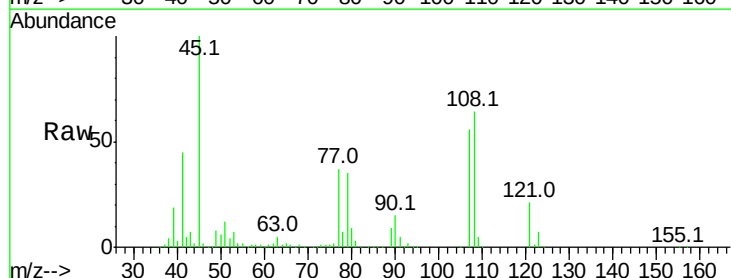
Tgt Ion: 45 Resp: 519444

Ion Ratio Lower Upper

45 100

77 37.1 0.0 33.2#

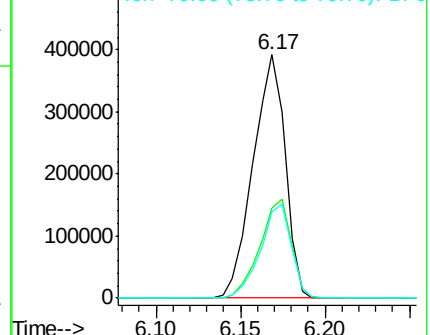
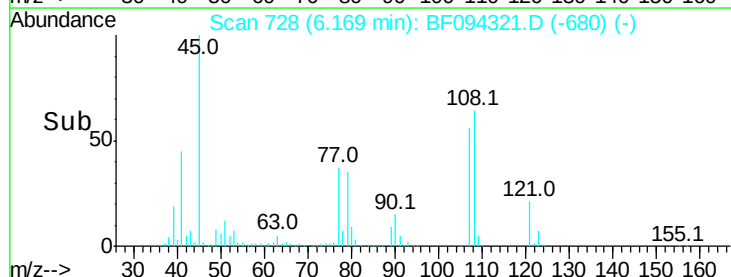
79 35.4 0.0 30.0#

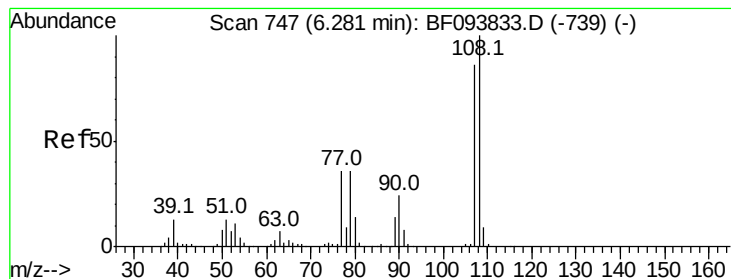


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.04 ng

RT: 6.17 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF094321.D

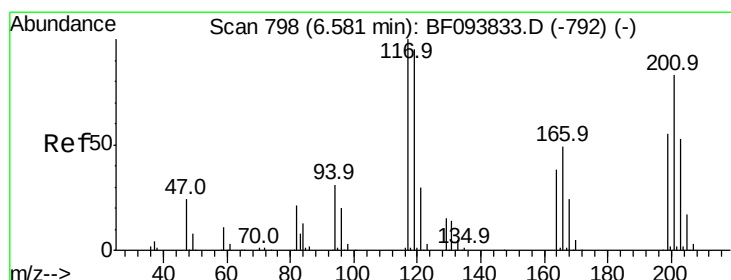
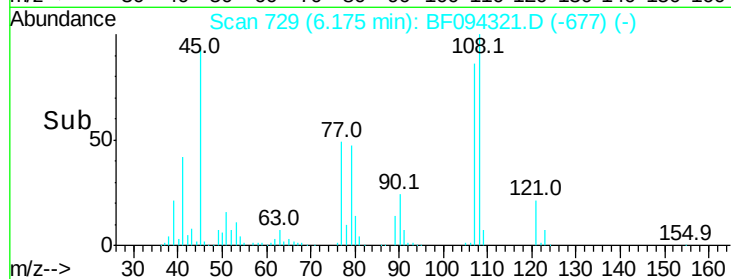
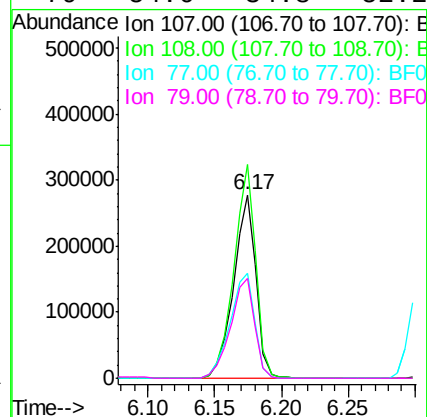
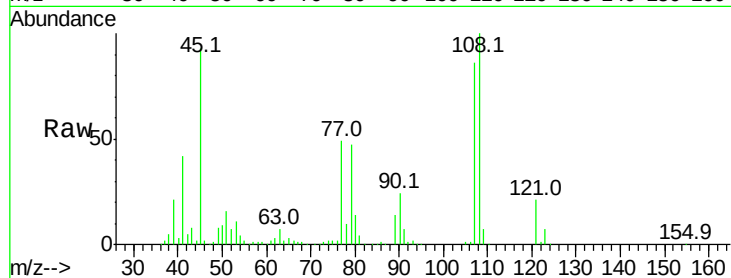
Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	326643
Ion	Ratio	Lower	Upper
107	100		
108	116.6	93.4	140.0
77	57.4	35.8	53.6#
79	54.6	34.8	52.2#



#18

Hexachloroethane

Concen: 36.67 ng

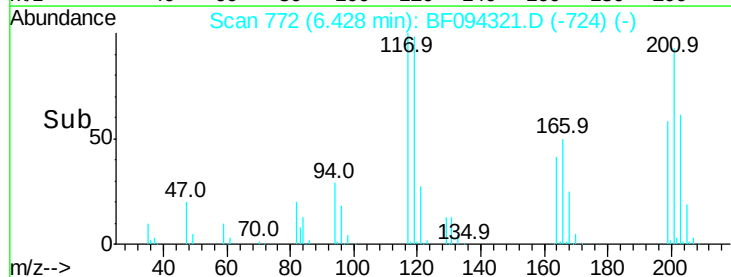
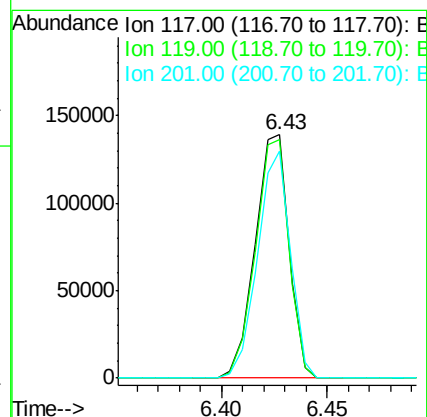
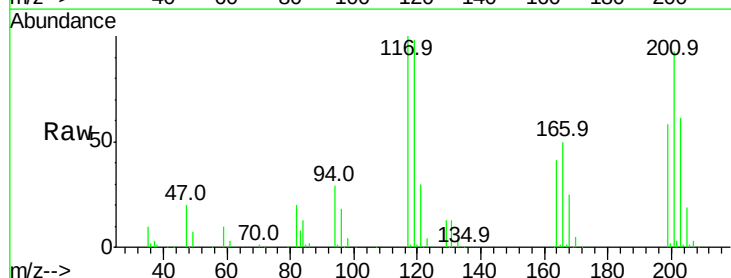
RT: 6.43 min Scan# 772

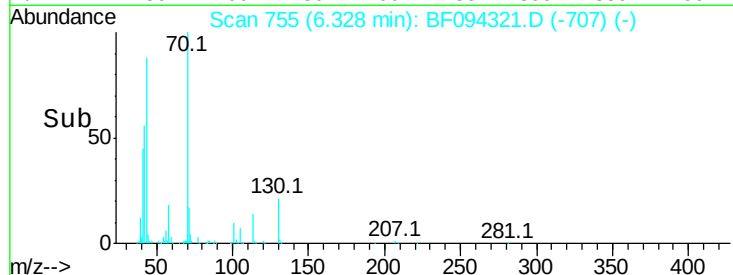
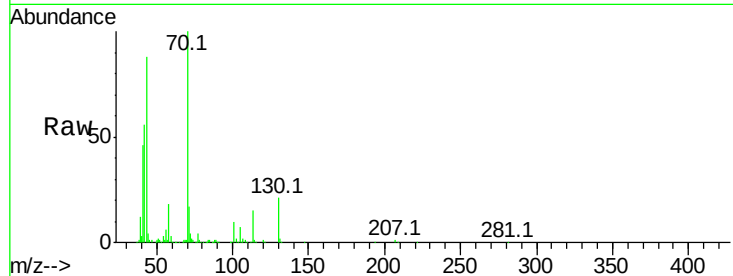
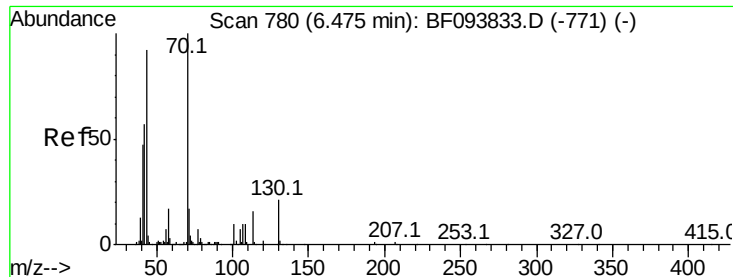
Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Tgt Ion:	117	Resp:	154987
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.4	116.0
201	93.3	94.6	141.8#

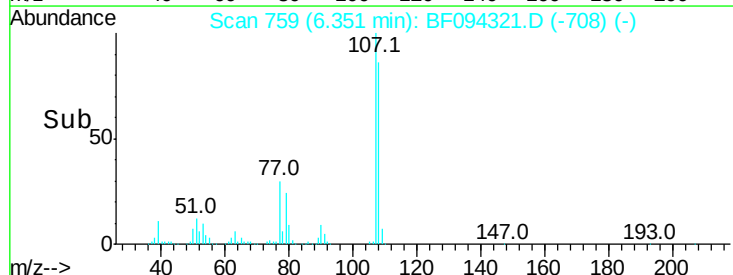
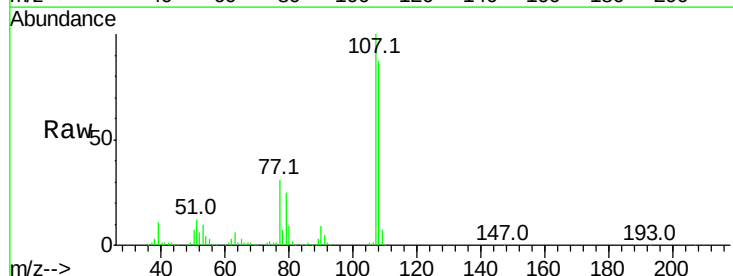
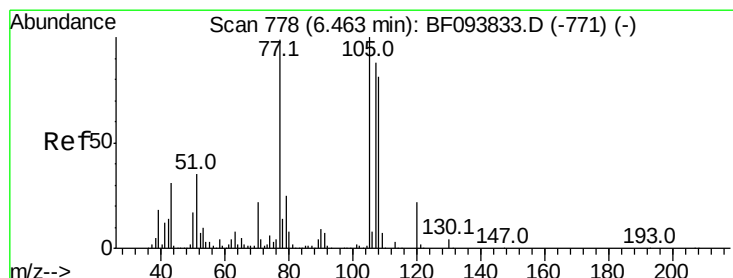
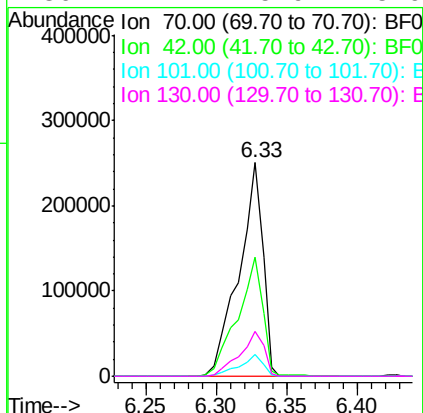




#19
n-Nitroso-di-n-propylamine
Concen: 38.93 ng
RT: 6.33 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

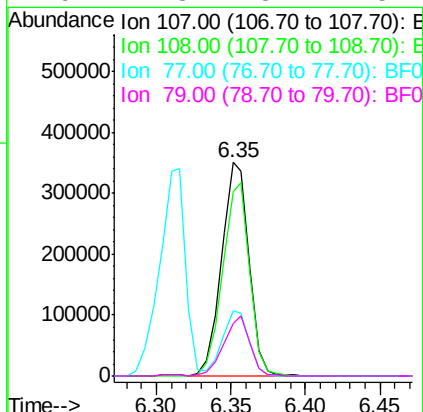
Instrument :
BNA_F
ClientSampleId :

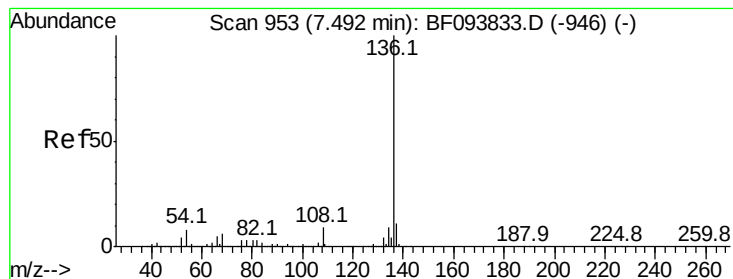
Tot Ion:	70	Resp:	298050
Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.2	70.8
101	9.9	7.2	10.8
130	21.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.23 ng
RT: 6.35 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion:	107	Resp:	452563
Ion	Ratio	Lower	Upper
107	100		
108	86.5	71.0	111.0
77	30.7	90.5	130.5#
79	24.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 652419

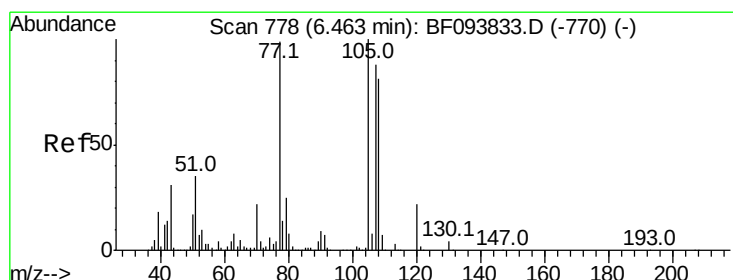
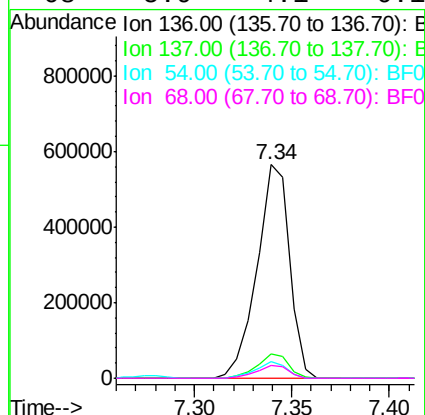
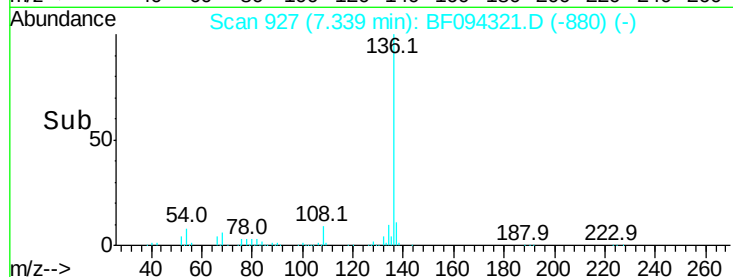
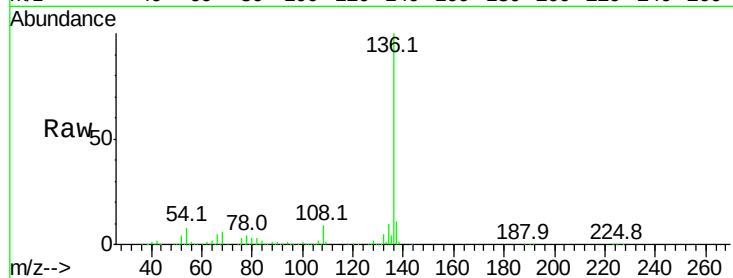
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.9 4.9 7.3#

68 5.9 4.1 6.1



#22

Acetophenone

Concen: 39.32 ng

RT: 6.32 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Tgt Ion:105 Resp: 571699

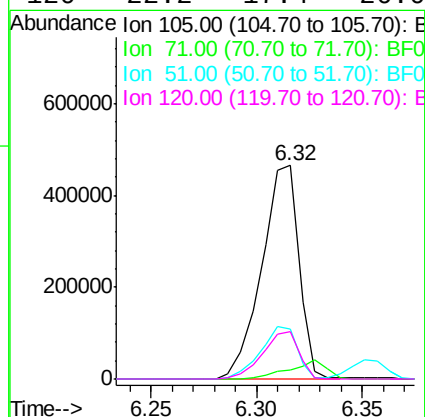
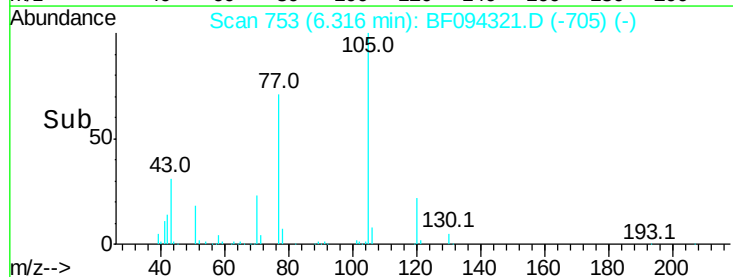
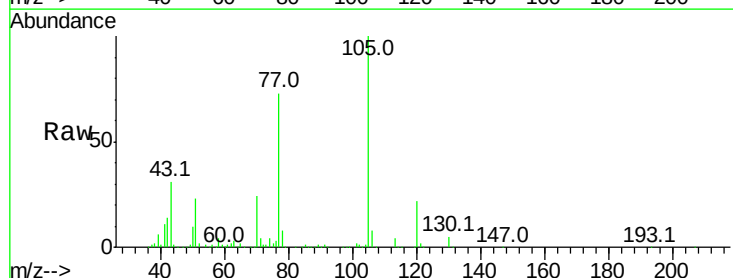
Ion Ratio Lower Upper

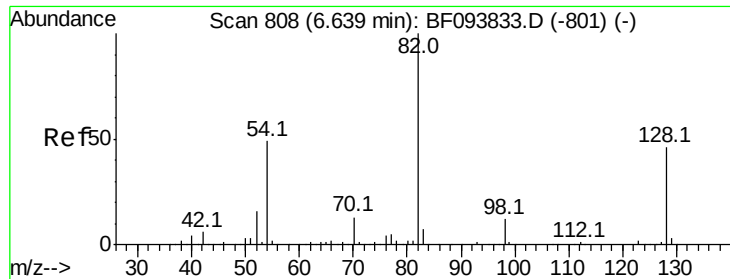
105 100

71 3.9 2.8 4.2

51 23.4 30.7 46.1#

120 22.2 17.4 26.0

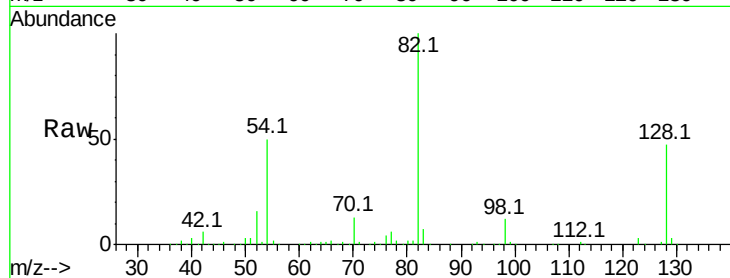




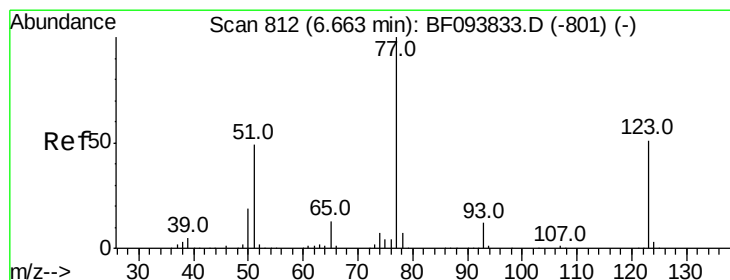
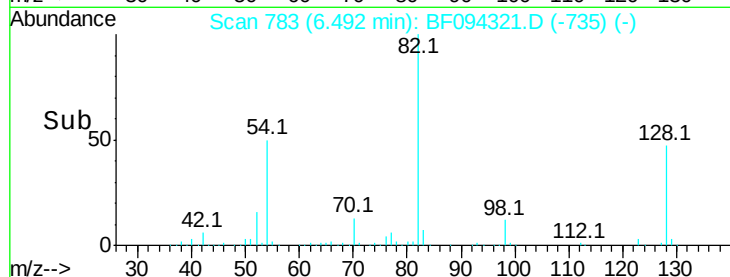
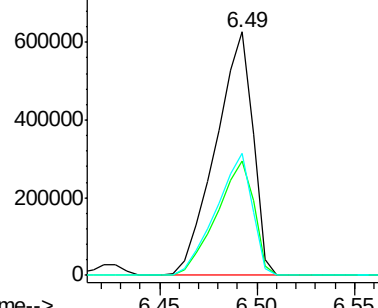
#23
Nitrobenzene-d5
Concen: 72.53 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 829150
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 49.9 42.2 63.2

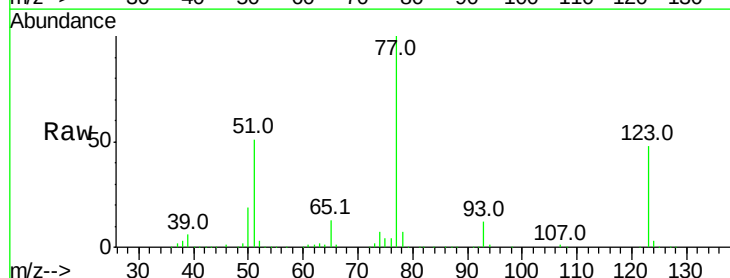


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

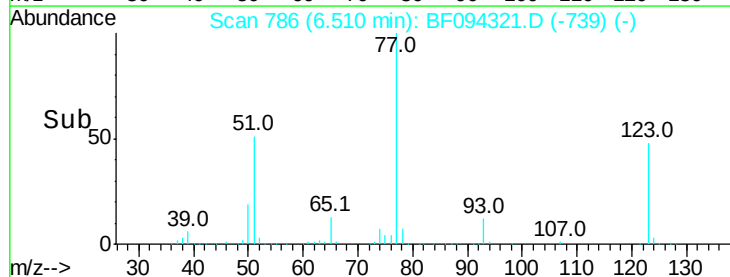
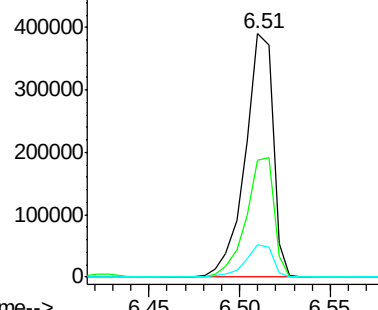


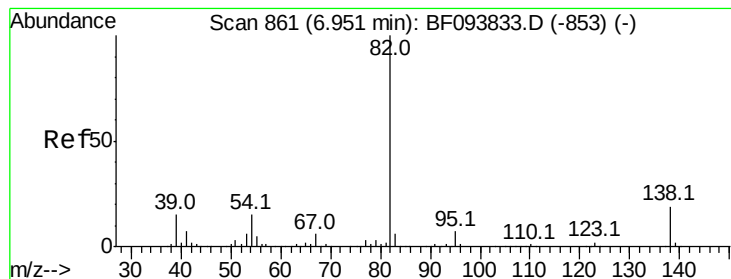
#24
Nitrobenzene
Concen: 37.09 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion: 77 Resp: 418242
Ion Ratio Lower Upper
77 100
123 48.2 35.8 53.8
65 13.3 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.91 ng

RT: 6.80 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

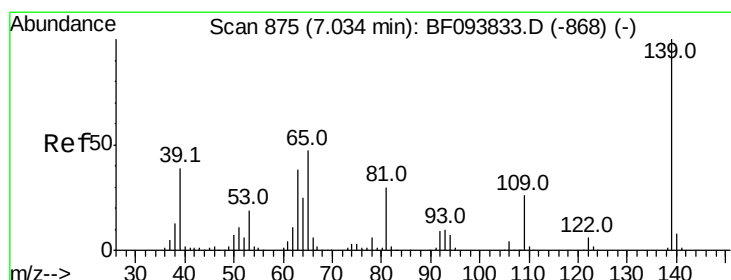
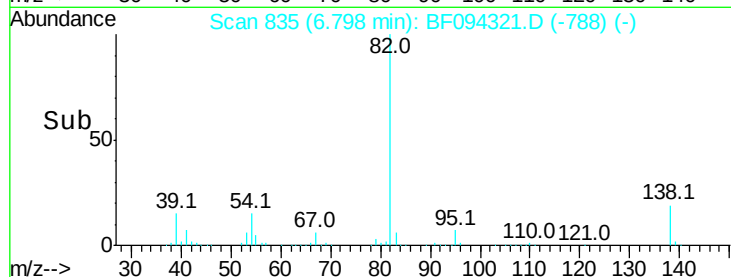
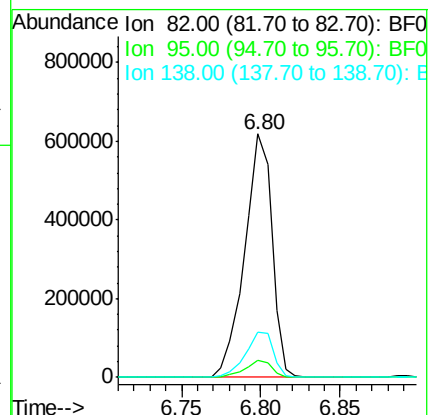
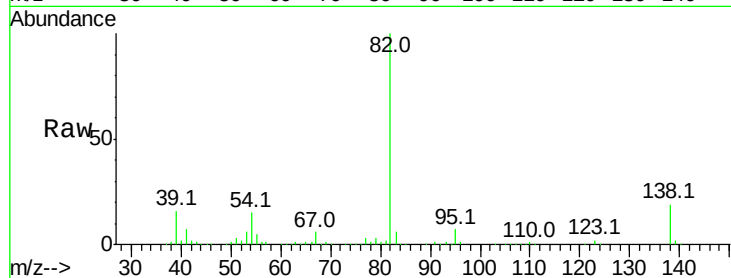
Tot Ion: 82 Resp: 741389

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 42.30 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

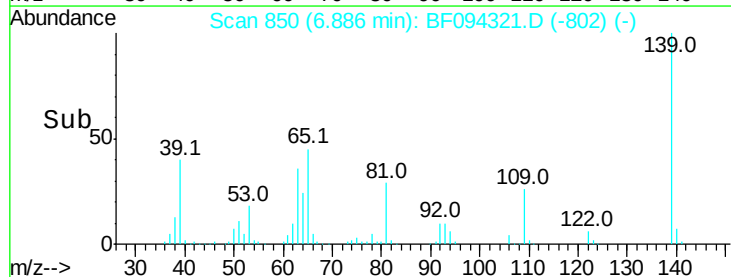
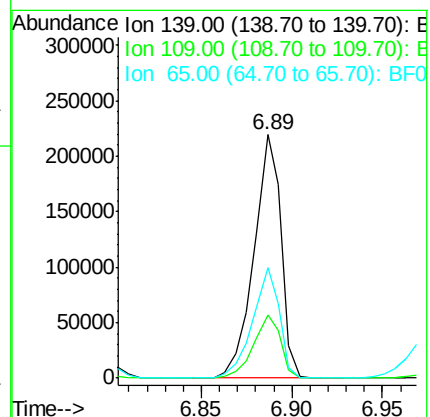
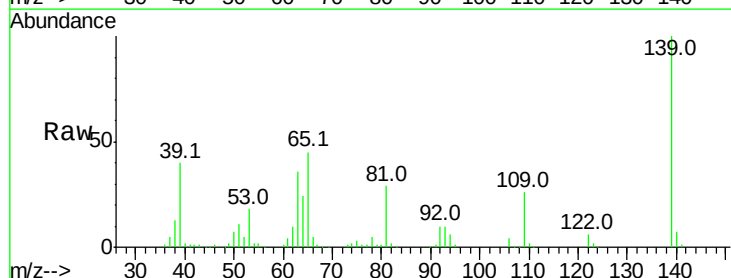
Tgt Ion:139 Resp: 227461

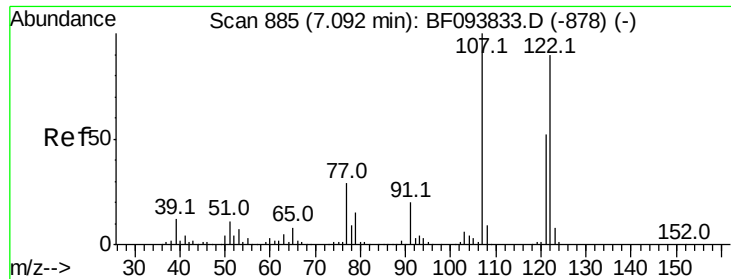
Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.6

65 45.5 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 39.30 ng

RT: 6.97 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampled :

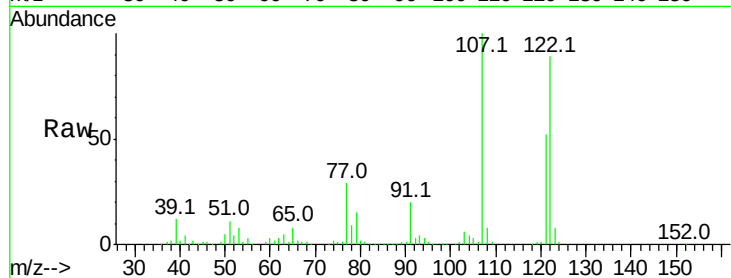
Tot Ion:122 Resp: 364138

Ion Ratio Lower Upper

122 100

107 111.8 89.2 133.8

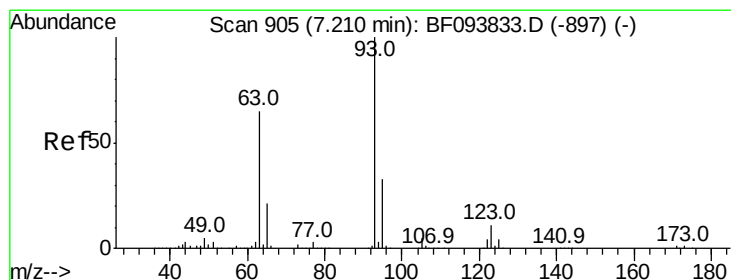
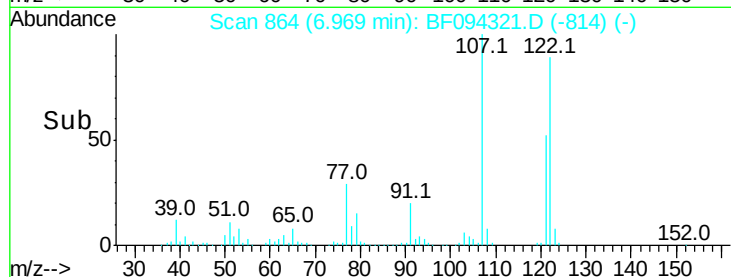
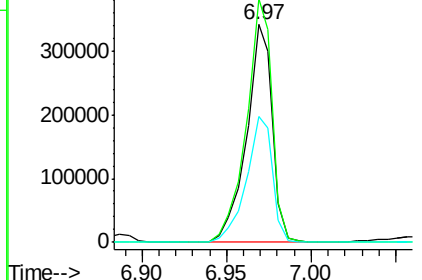
121 58.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.48 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

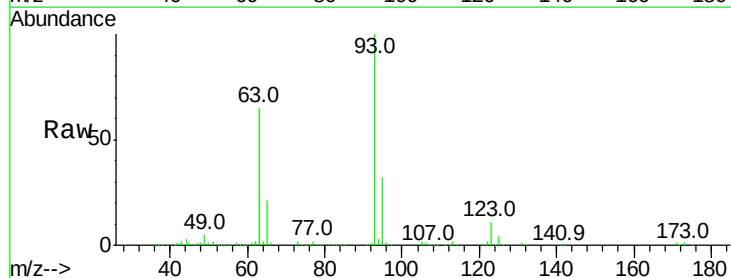
Tgt Ion: 93 Resp: 483229

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

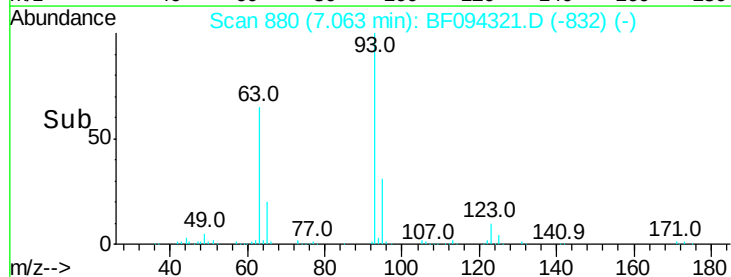
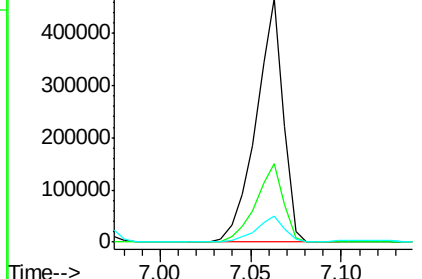
123 10.7 9.0 13.4

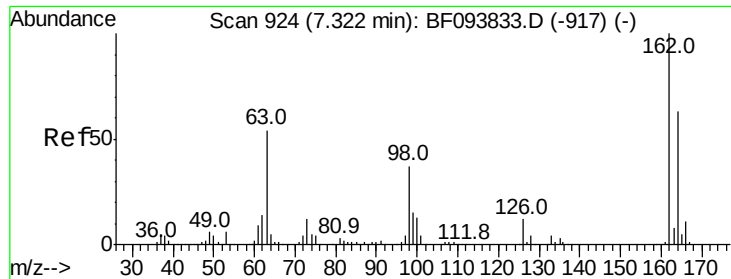


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

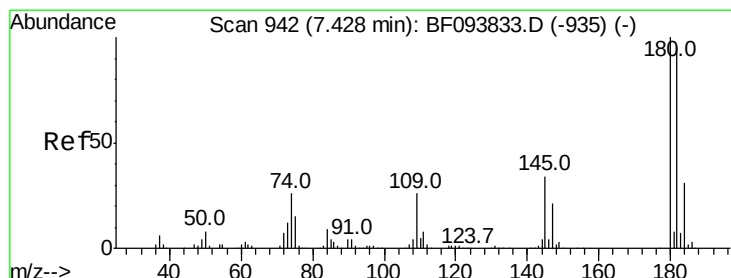
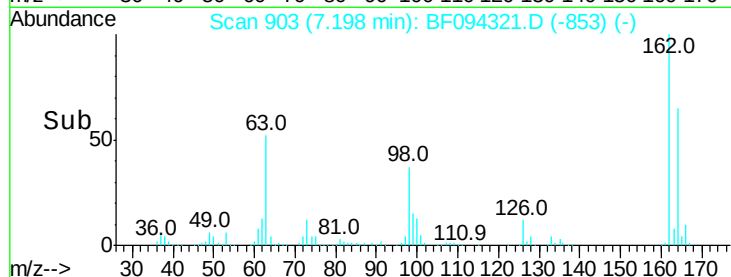
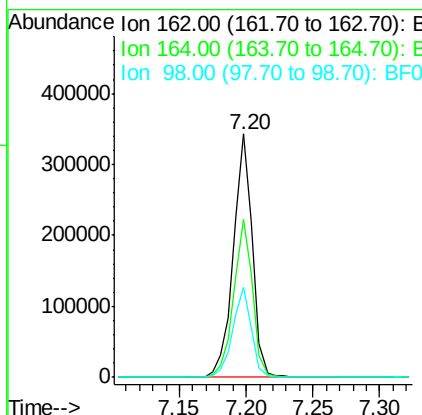
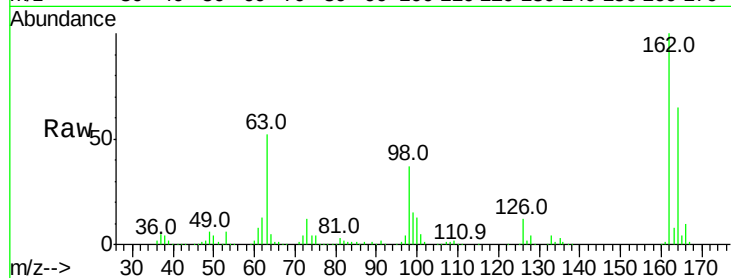




#29
 2,4-Dichlorophenol
 Concen: 39.78 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

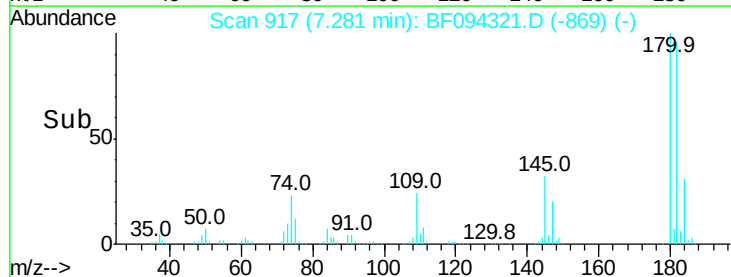
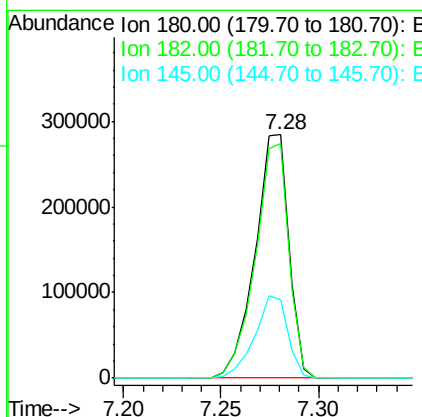
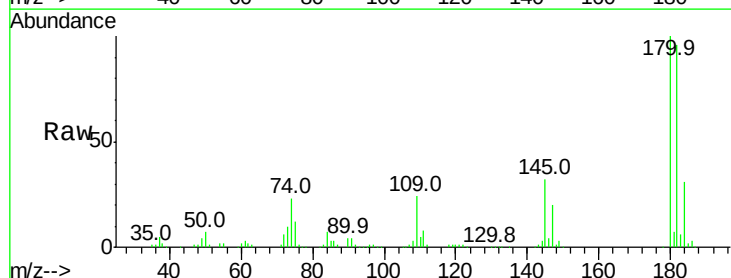
Instrument :
 BNA_F
 ClientSampled :

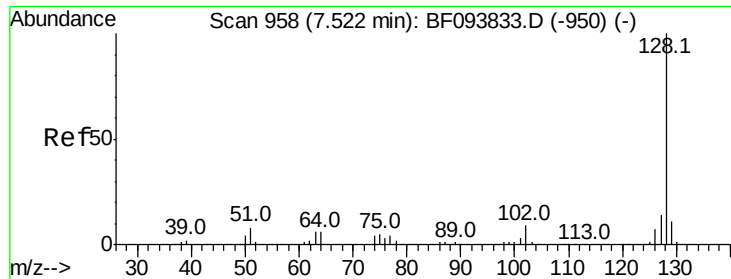
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	36.8	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 38.17 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.8	113.6
145	32.3	25.3	37.9

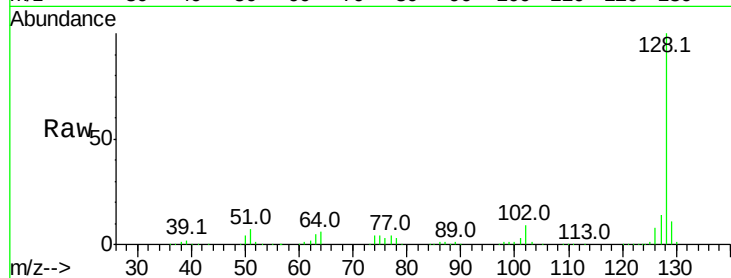




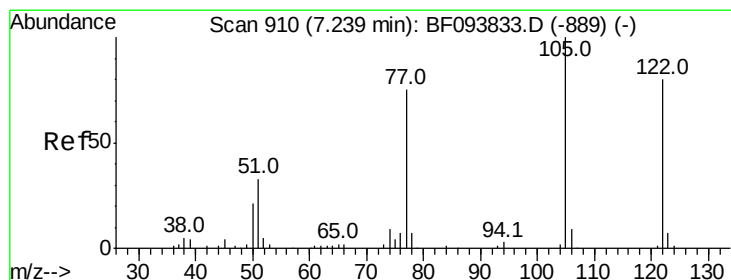
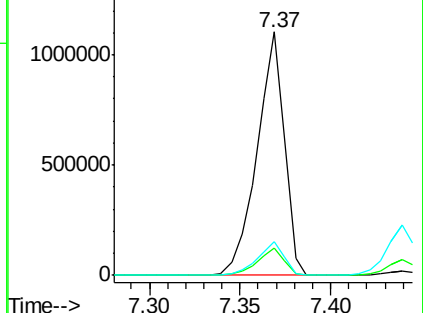
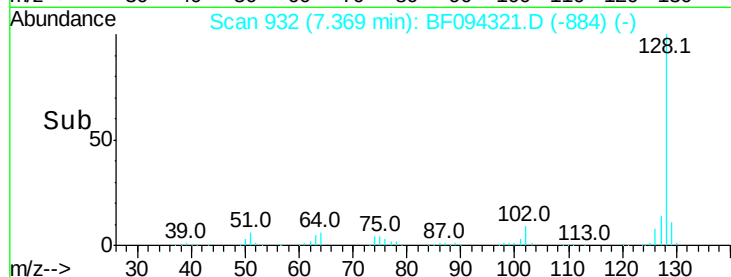
#31
Naphthalene
Concen: 36.88 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1156819
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.8 10.8 16.2

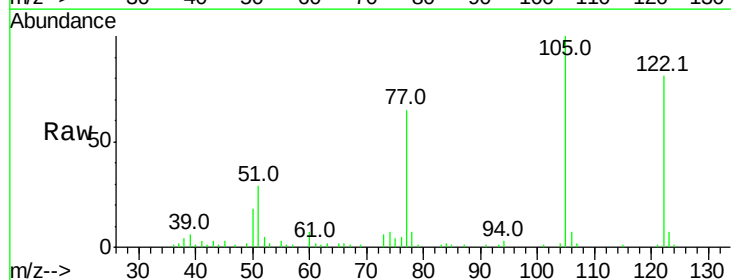


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

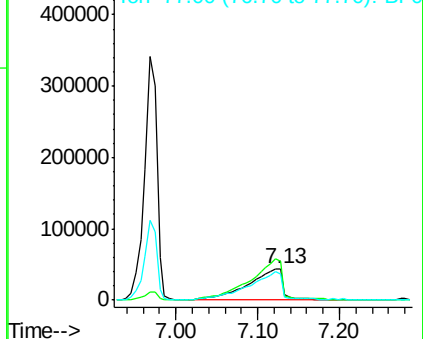
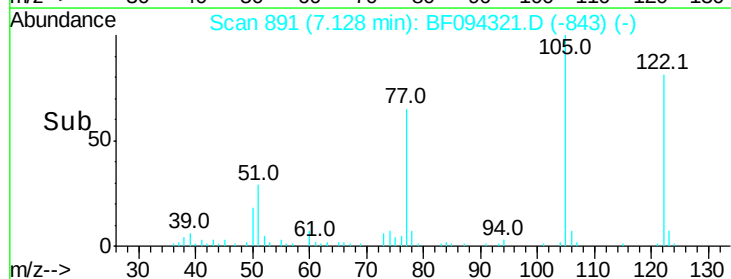


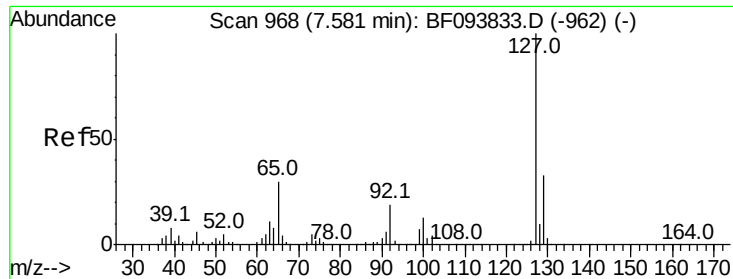
#32
Benzoic acid
Concen: 20.85 ng
RT: 7.13 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion:122 Resp: 128586
Ion Ratio Lower Upper
122 100
105 123.7 103.3 143.3
77 80.7 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

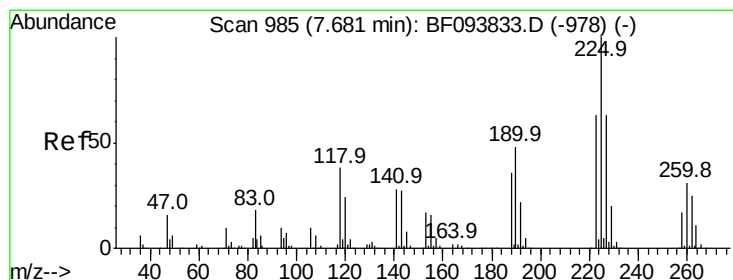
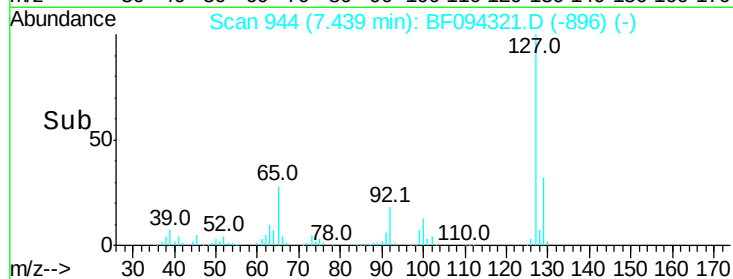
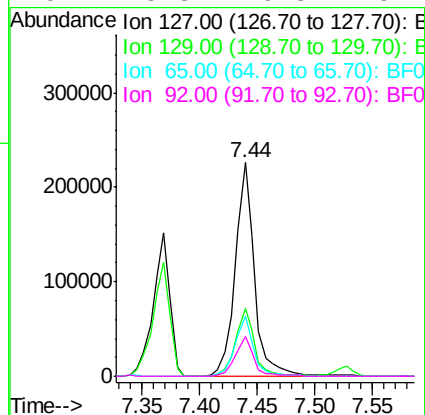
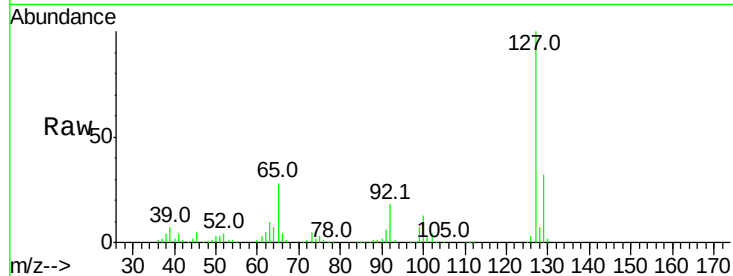




#33
4-Chloroaniline
Concen: 20.48 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

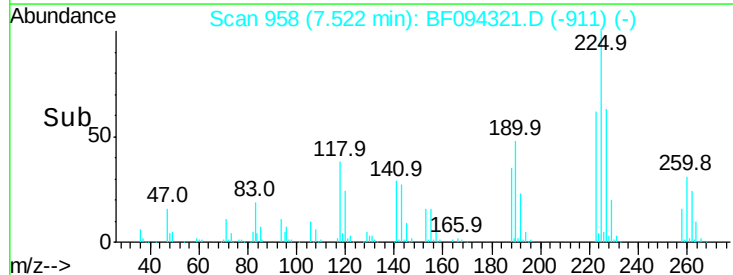
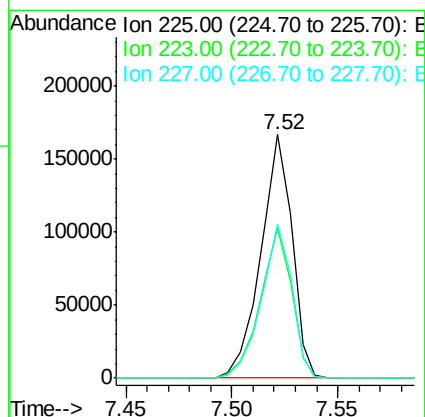
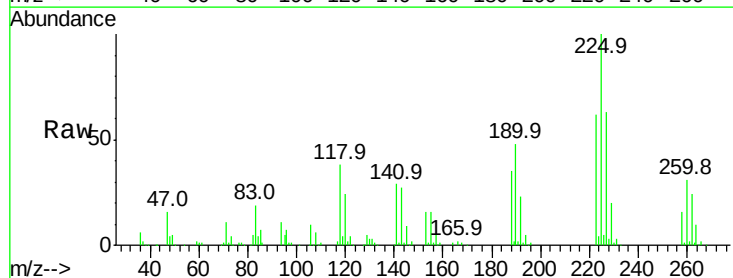
Instrument :
BNA_F
ClientSampleId :

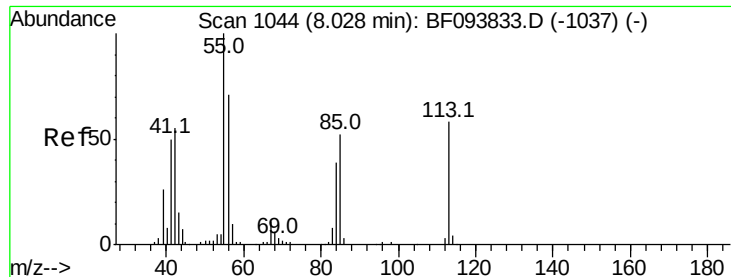
Tot Ion:	127	Resp:	260453
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	28.0	27.8	41.8
92	18.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 37.53 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion:	225	Resp:	171713
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.8	73.2
227	63.2	51.1	76.7

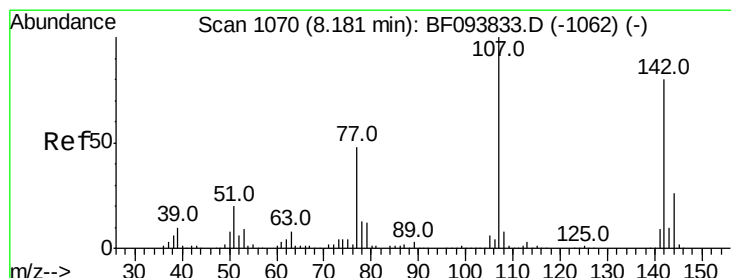
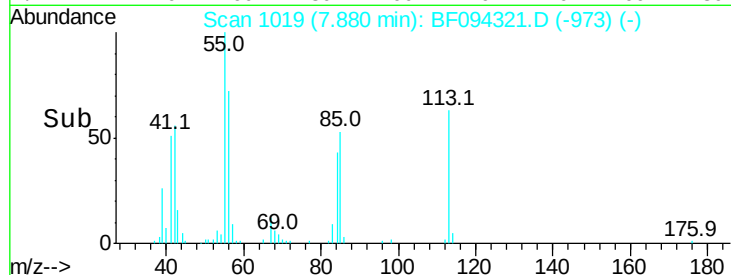
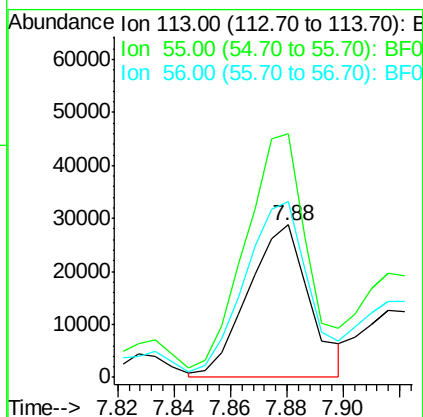
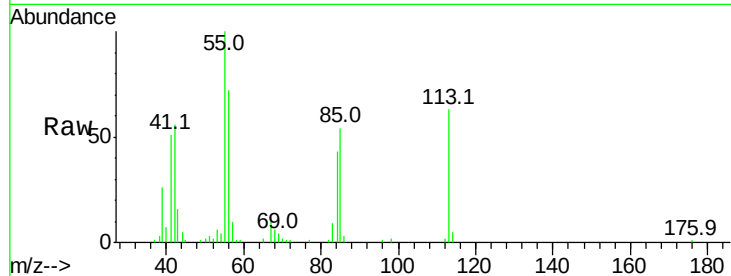




#35
 Caprolactam
 Concen: 15.77 ng
 RT: 7.88 min Scan# 1019
 Delta R.T. -0.03 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

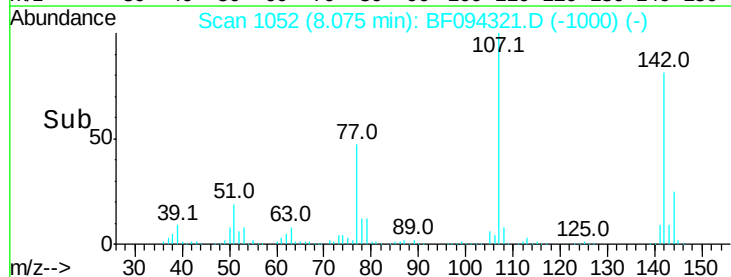
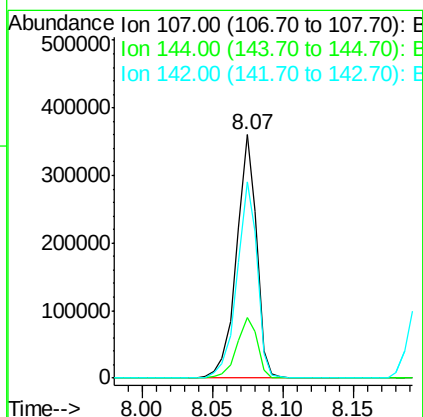
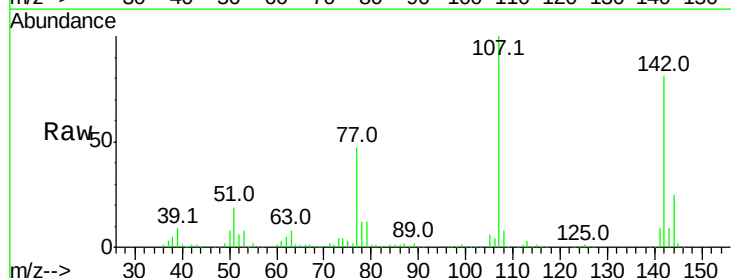
Instrument :
 BNA_F
 ClientSampled :

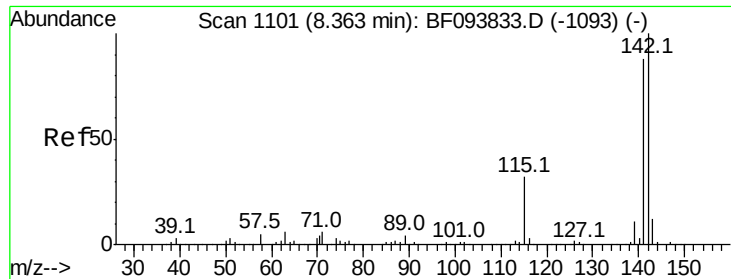
Tot Ion:113 Resp: 43553
 Ion Ratio Lower Upper
 113 100
 55 159.6 150.2 190.2
 56 115.3 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 39.29 ng
 RT: 8.07 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Tgt Ion:107 Resp: 355670
 Ion Ratio Lower Upper
 107 100
 144 25.1 24.2 36.4
 142 80.7 73.4 110.0

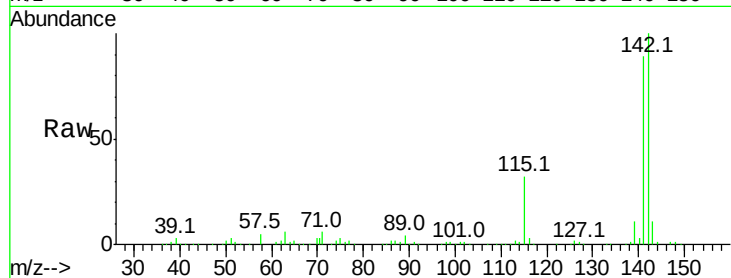




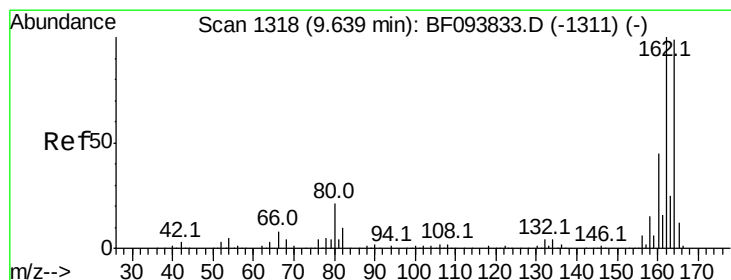
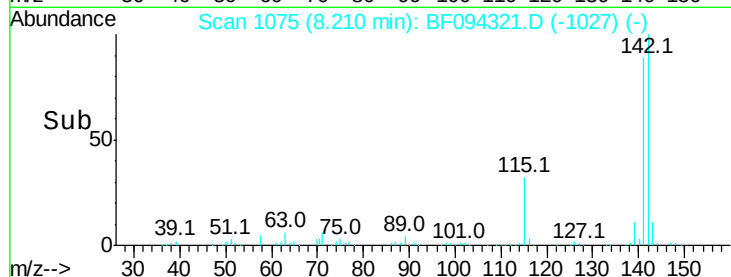
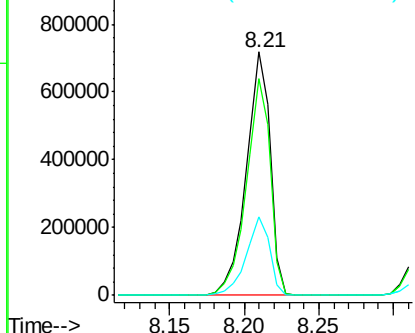
#37
 2-Methylnaphthalene
 Concen: 37.85 ng
 RT: 8.21 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	32.1	27.1	40.7

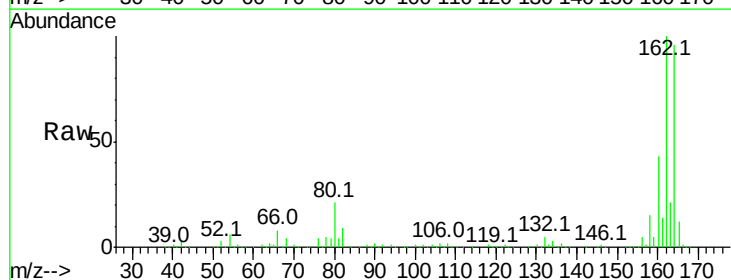


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

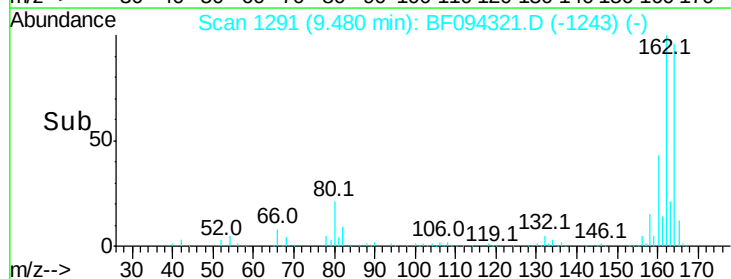
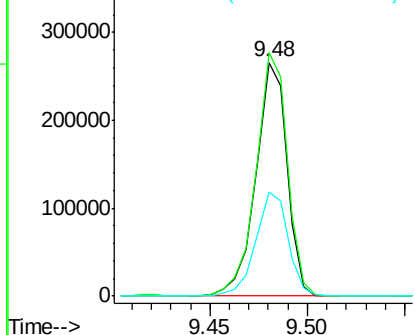


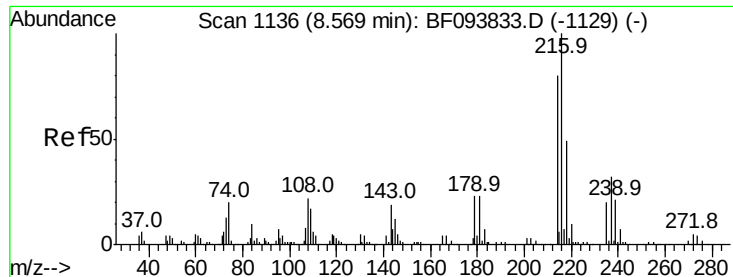
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	44.6	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

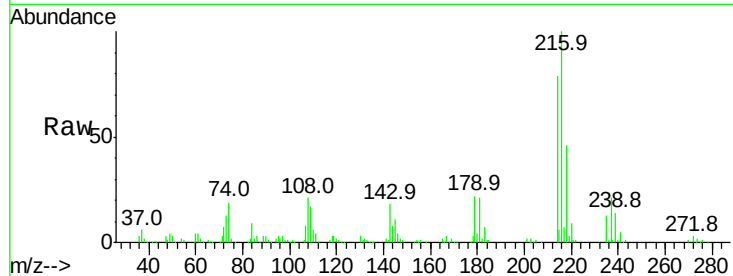




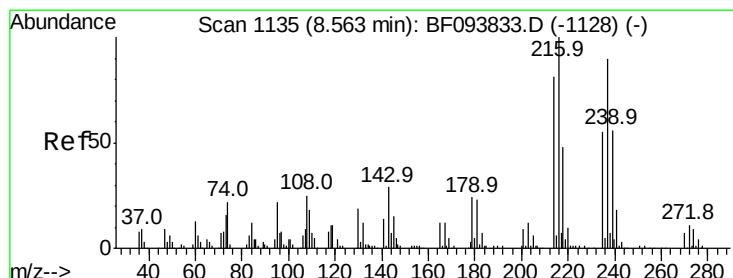
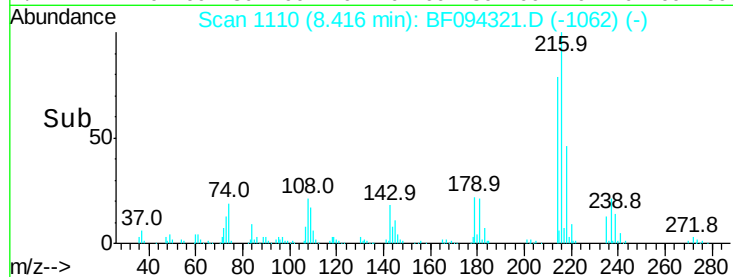
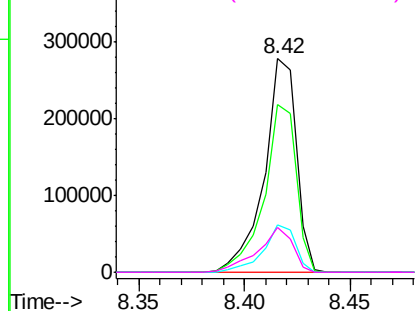
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.78 ng
 RT: 8.42 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	296119
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	22.1	17.9	26.9
108	22.8	16.5	24.7

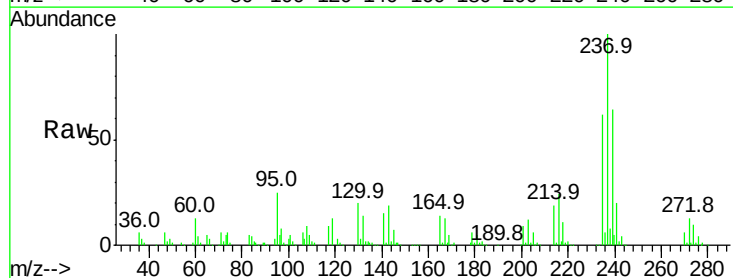


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

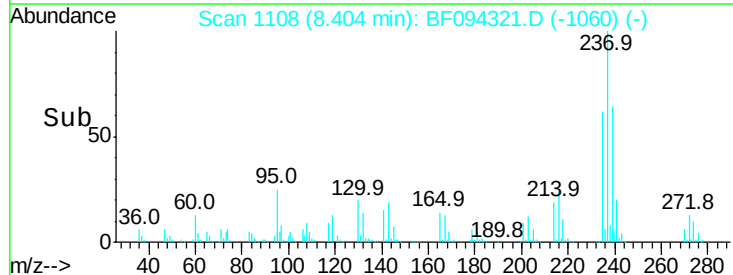
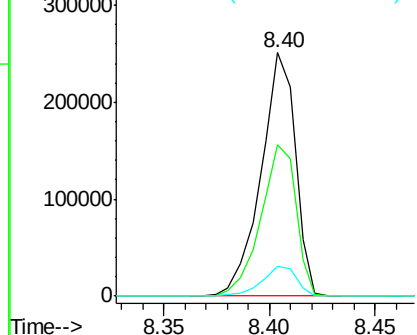


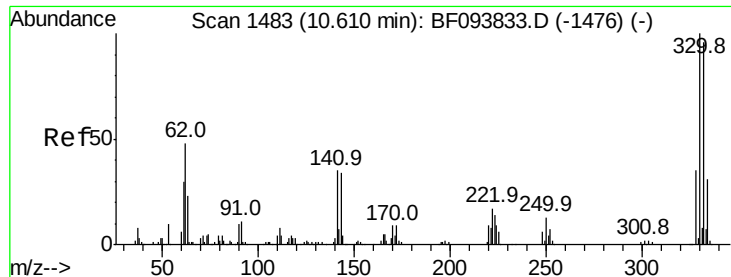
#40
 Hexachlorocyclopentadiene
 Concen: 75.46 ng
 RT: 8.40 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Tgt Ion:	237	Resp:	284317
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.6	82.6
272	12.5	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

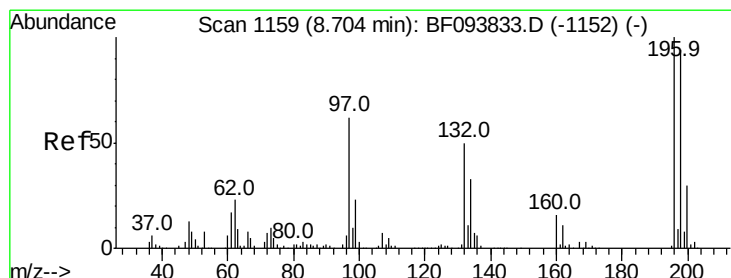
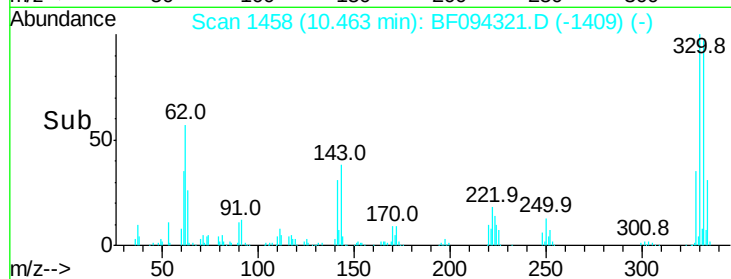
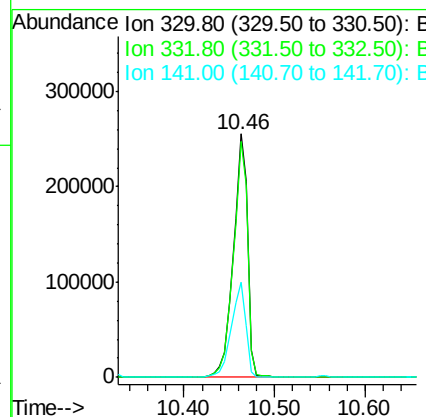
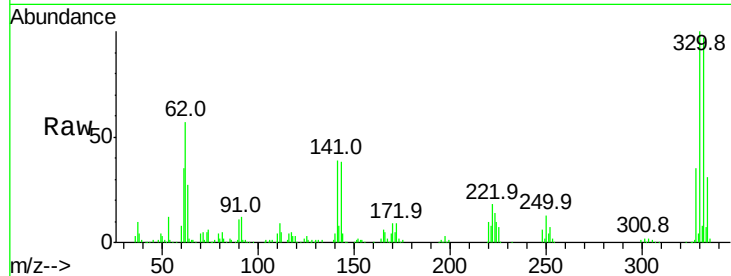




#41
 2,4,6-Tribromophenol
 Concen: 120.21 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

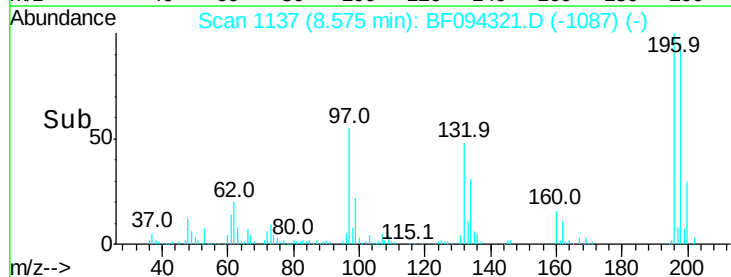
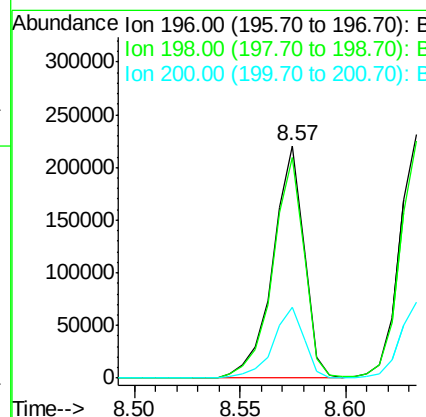
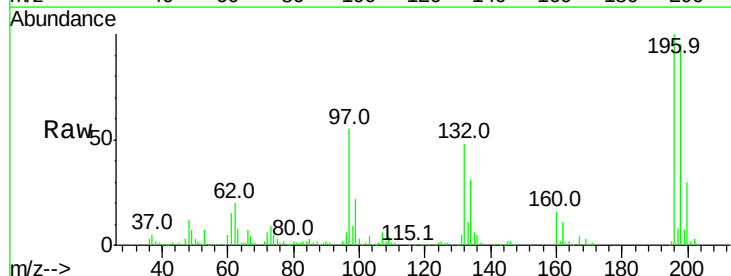
Instrument :
 BNA_F
 ClientSampleId :

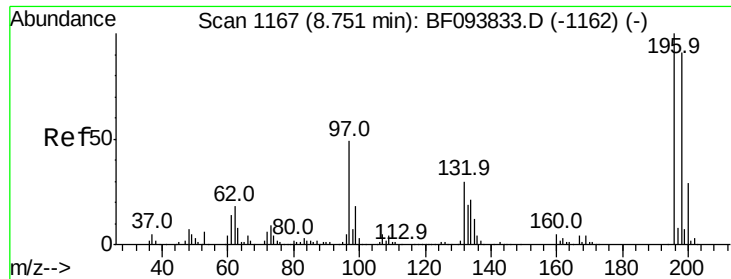
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	39.3	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.71 ng
 RT: 8.57 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.2	111.4
200	30.2	24.0	36.0

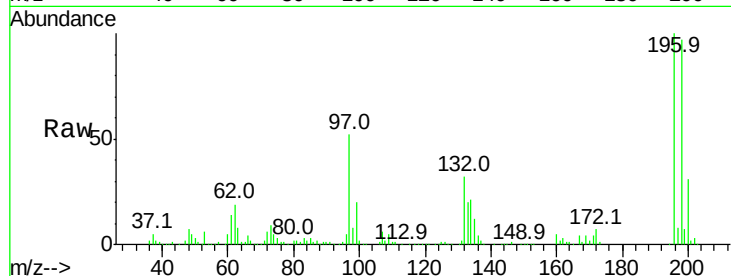




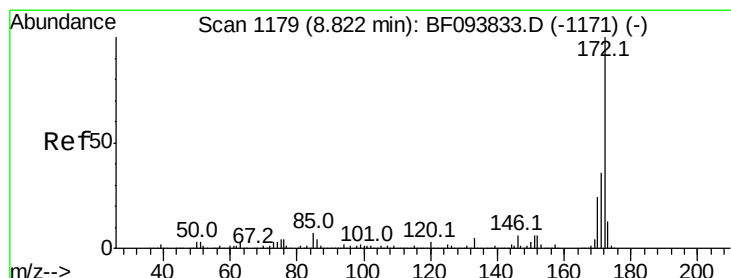
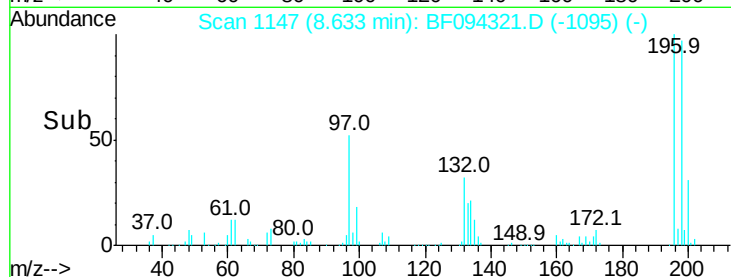
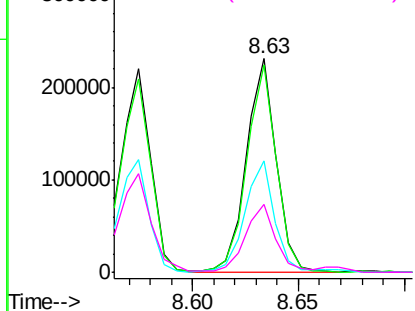
#43
 2,4,5-Trichlorophenol
 Concen: 36.52 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 225074
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 97 52.4 47.7 71.5
 132 31.7 28.0 42.0

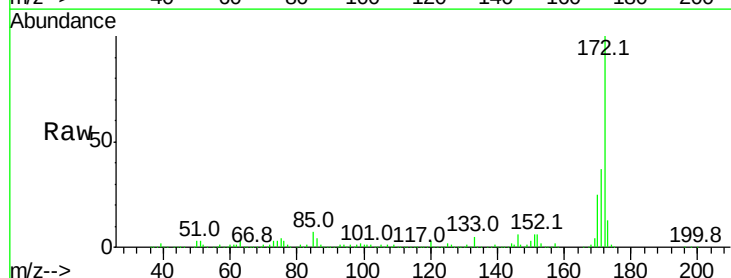


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

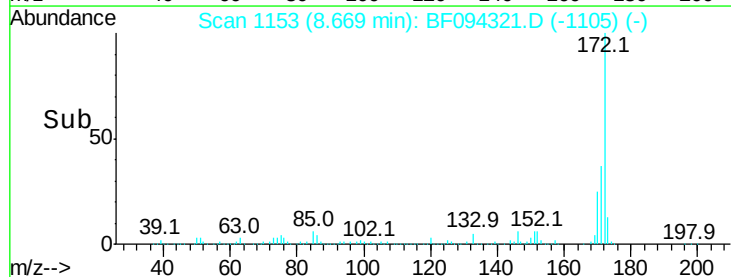
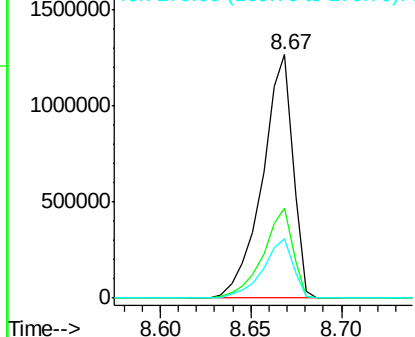


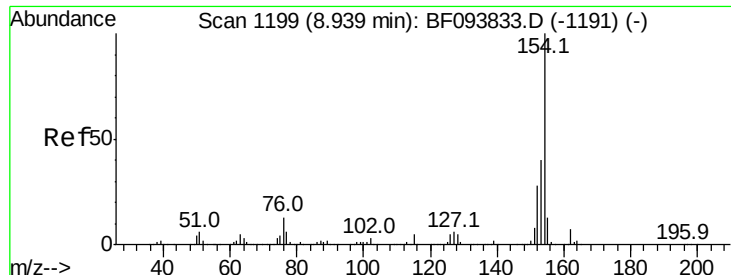
#44
 2-Fluorobiphenyl
 Concen: 76.83 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Tgt Ion:172 Resp: 1482572
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.5 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: 36.97 ng

RT: 8.79 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampled :

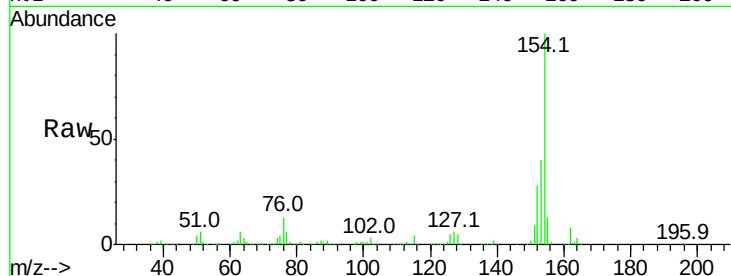
Tot Ion:154 Resp: 877510

Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

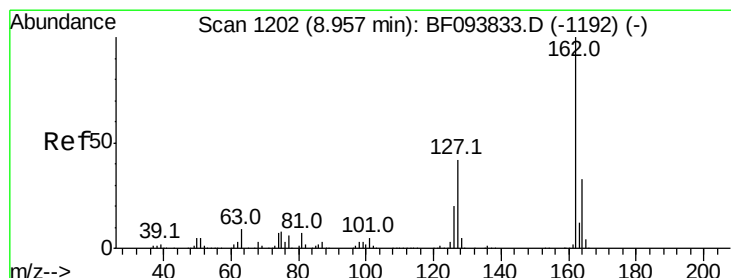
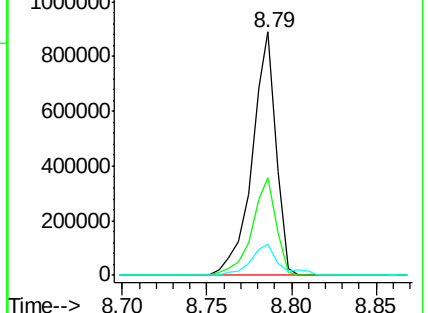
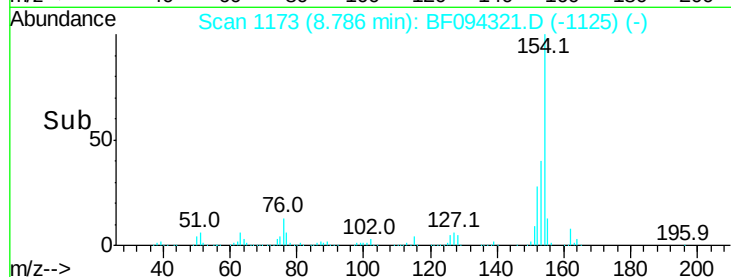
76 12.7 0.0 29.9



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: 37.91 ng

RT: 8.80 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

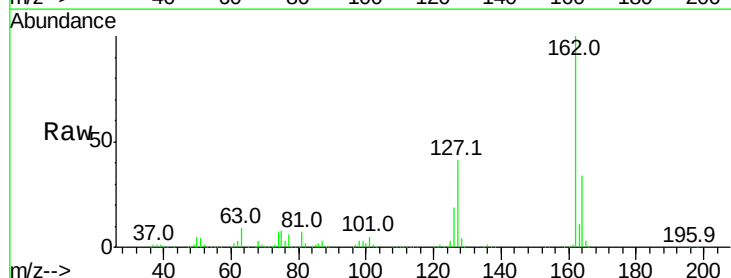
Tgt Ion:162 Resp: 704502

Ion Ratio Lower Upper

162 100

127 41.4 28.3 42.5

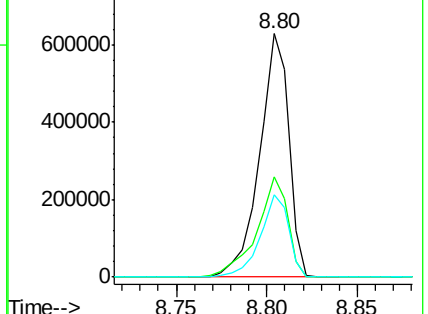
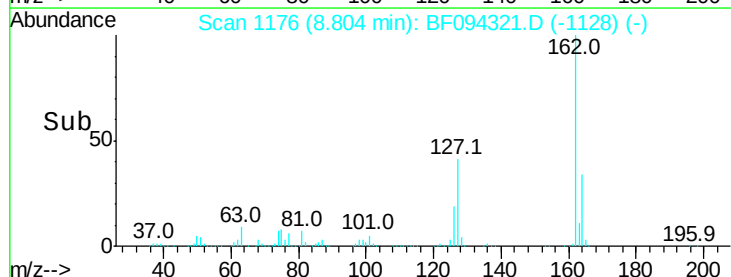
164 33.7 27.0 40.4

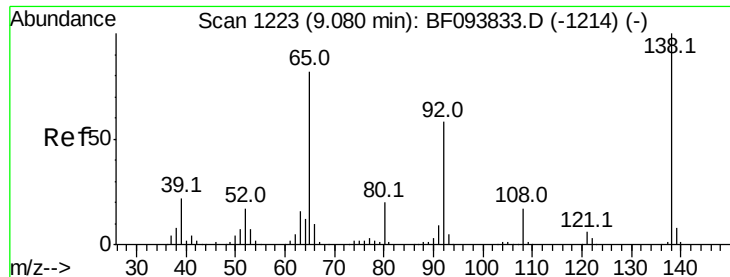


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

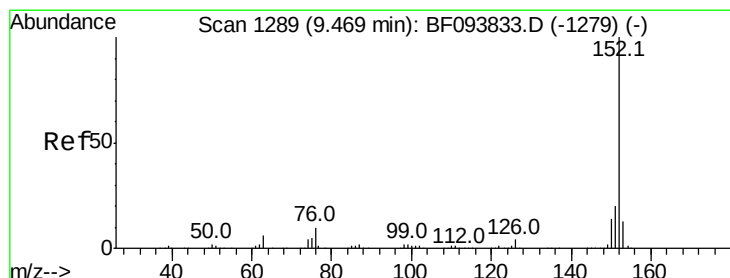
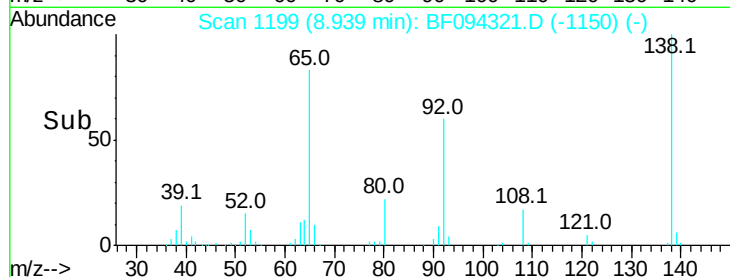
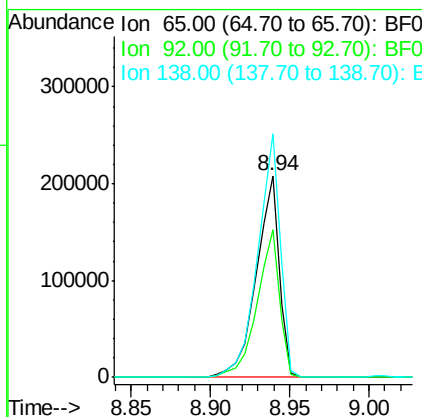
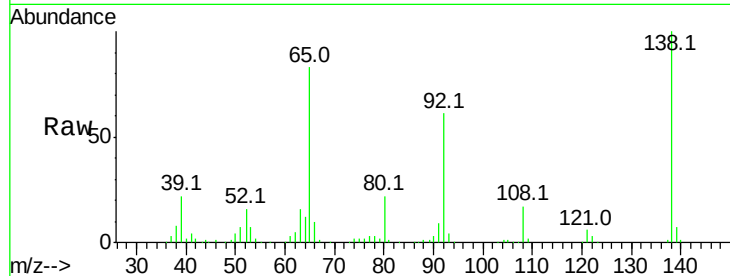




#47
 2-Nitroaniline
 Concen: 38.32 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

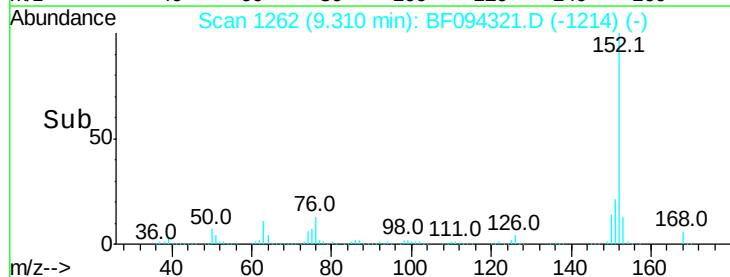
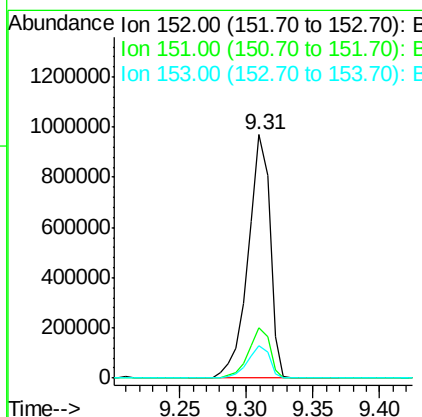
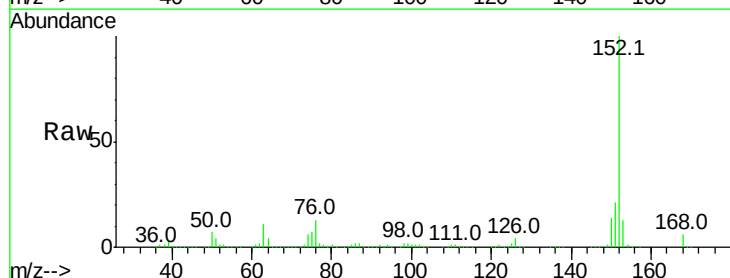
Instrument :
 BNA_F
 ClientSampleId :

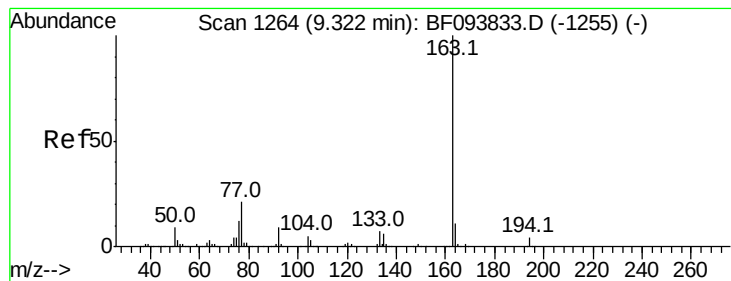
Tot Ion: 65 Resp: 211223
 Ion Ratio Lower Upper
 65 100
 92 73.3 53.9 80.9
 138 120.8 78.8 118.2#



#48
 Acenaphthylene
 Concen: 35.20 ng
 RT: 9.31 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Tgt Ion:152 Resp: 1087159
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 53.12 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

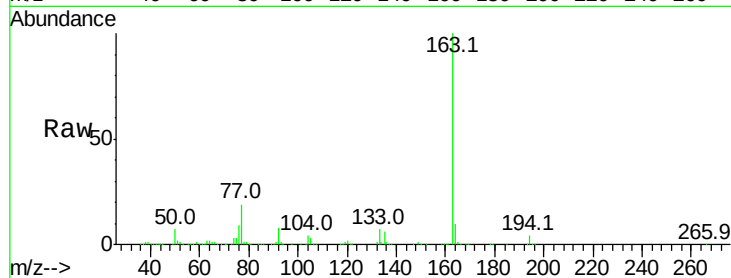
Tot Ion:163 Resp: 1111391

Ion Ratio Lower Upper

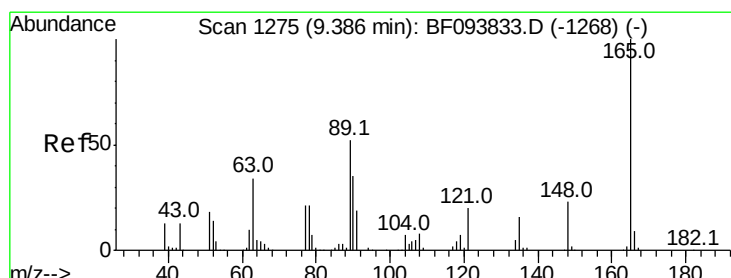
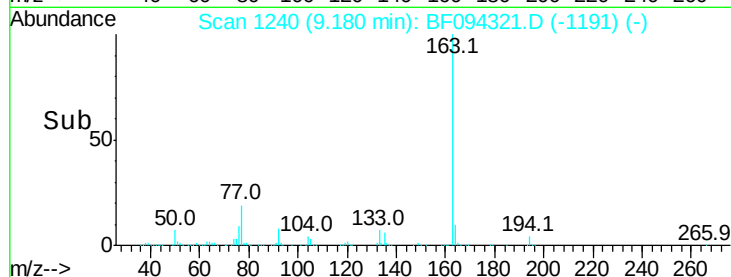
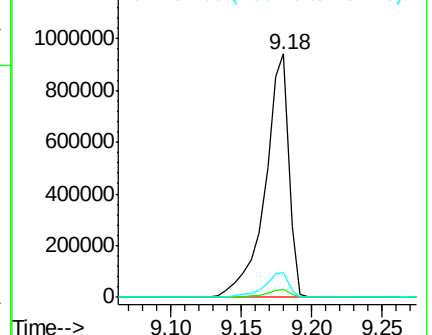
163 100

194 3.5 2.6 4.0

164 9.9 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 38.31 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

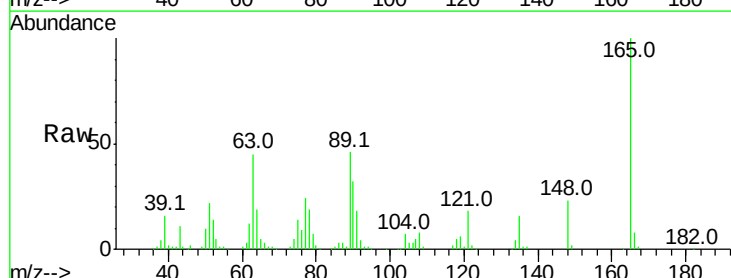
Tgt Ion:165 Resp: 183747

Ion Ratio Lower Upper

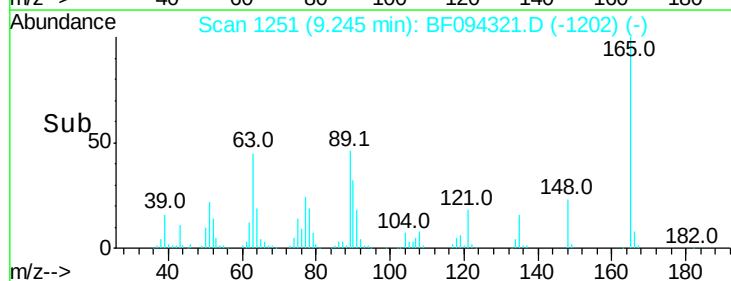
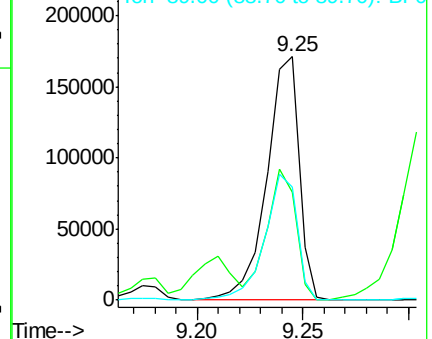
165 100

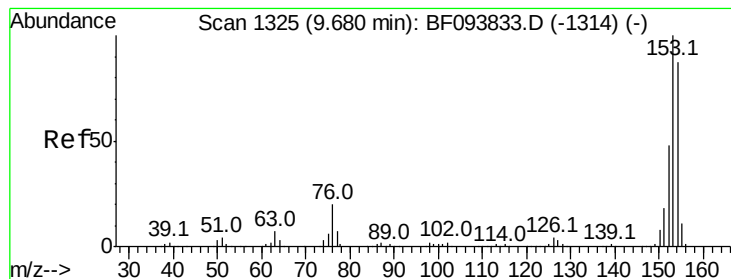
63 44.5 34.3 51.5

89 46.4 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: 36.06 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

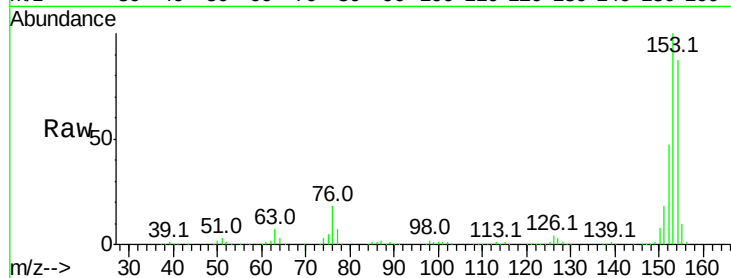
Tot Ion:154 Resp: 649891

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

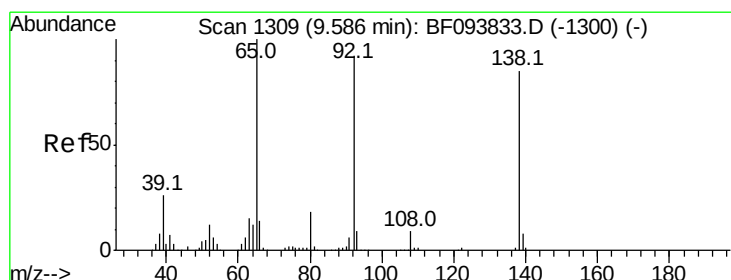
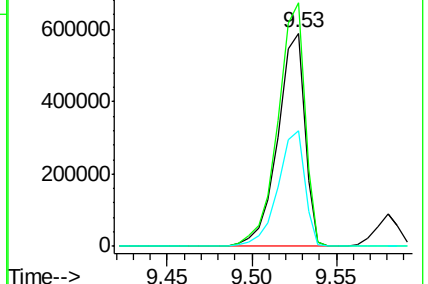
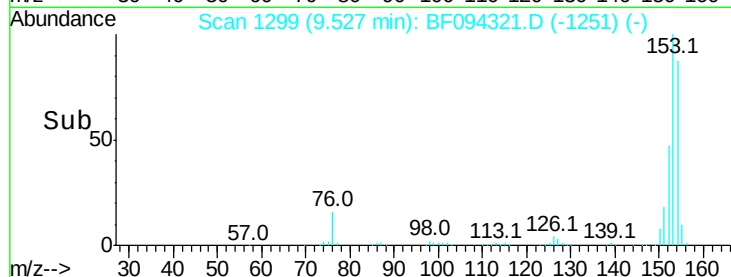
152 54.1 43.6 65.4



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: 27.75 ng

RT: 9.45 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

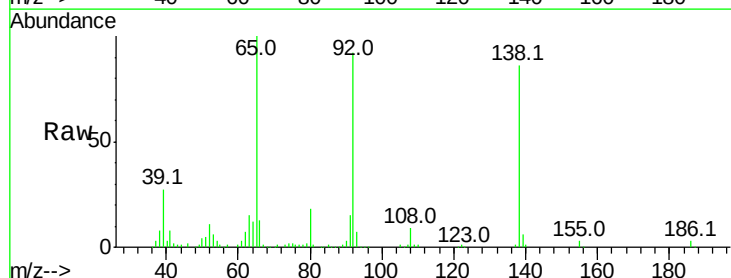
Tgt Ion:138 Resp: 156294

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

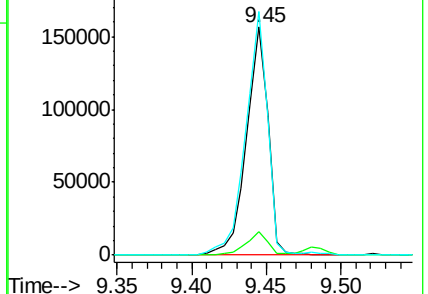
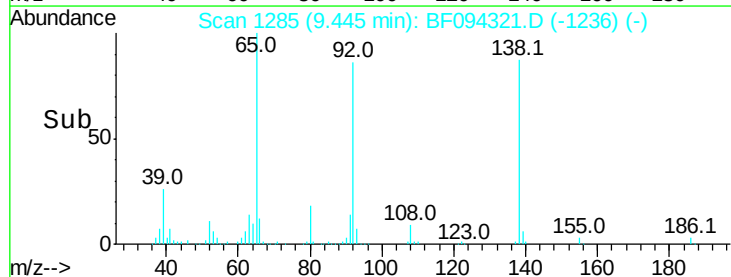
92 106.8 93.8 140.6

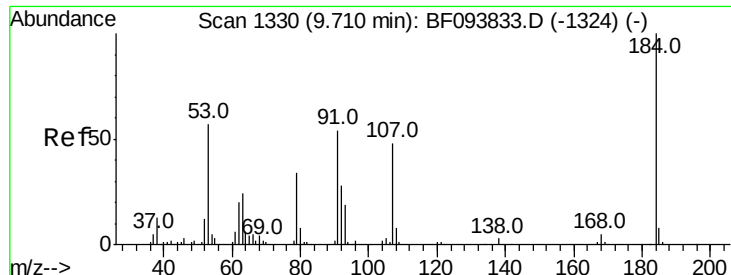


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

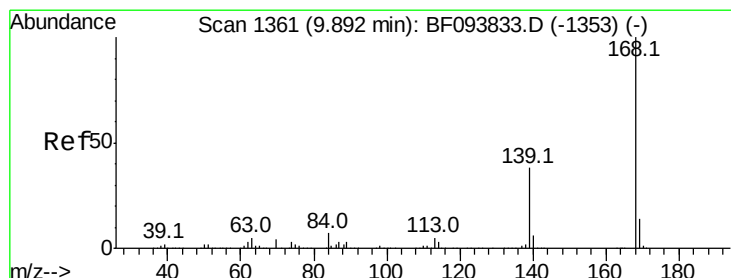
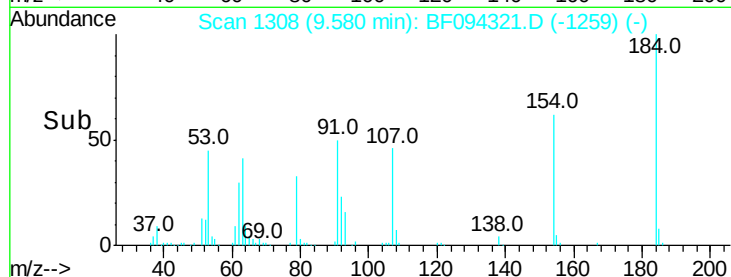
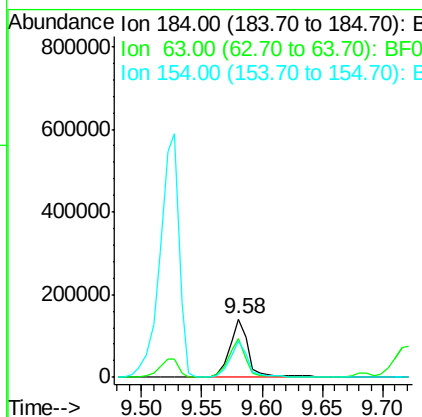
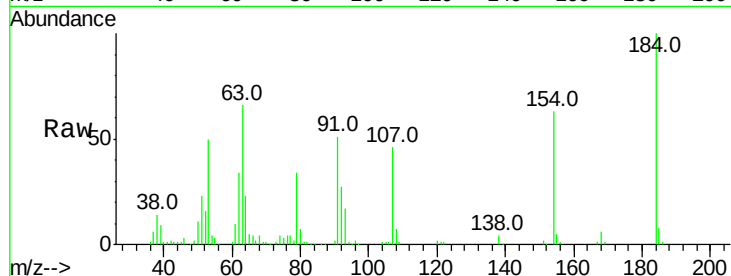




#53
2,4-Dinitrophenol
Concen: 60.55 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

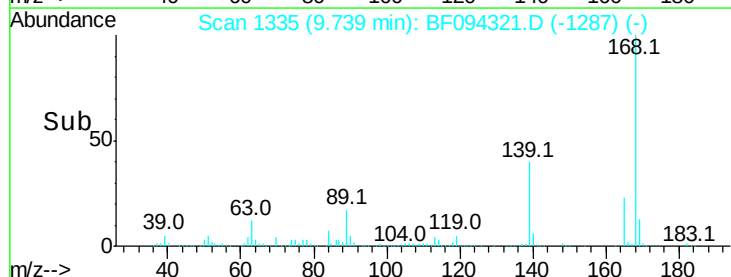
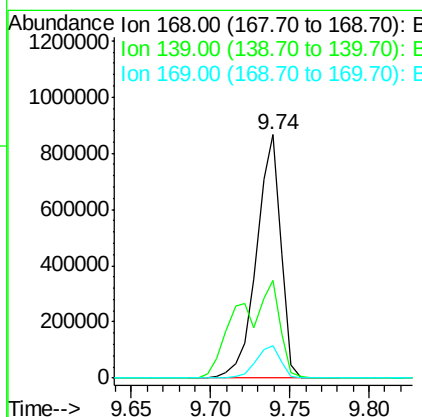
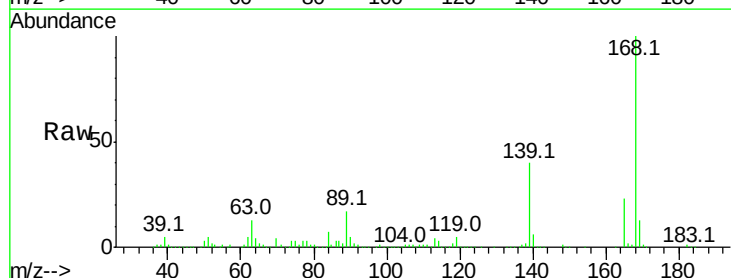
Instrument :
BNA_F
ClientSampleId :

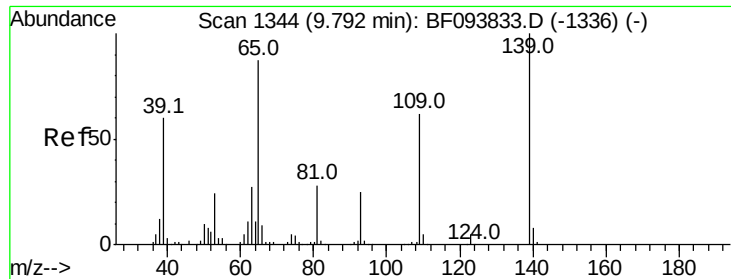
Tot Ion:184 Resp: 152310
Ion Ratio Lower Upper
184 100
63 65.8 62.7 94.1
154 62.9 81.1 121.7#



#54
Dibenzofuran
Concen: 37.59 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion:168 Resp: 922079
Ion Ratio Lower Upper
168 100
139 39.9 30.6 45.8
169 13.2 10.8 16.2





#55

4-Nitrophenol

Concen: 75.90 ng

RT: 9.72 min Scan# 1332

Delta R.T. 0.03 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampled :

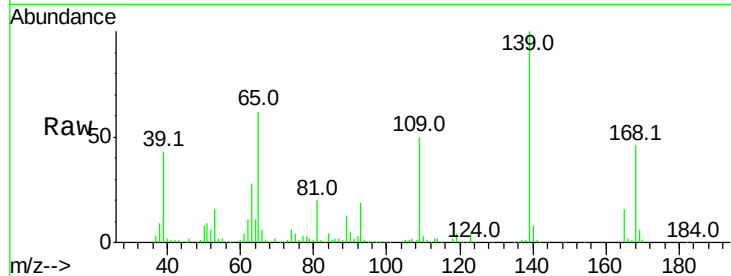
Tot Ion:139 Resp: 334714

Ion Ratio Lower Upper

139 100

109 49.9 34.1 74.1

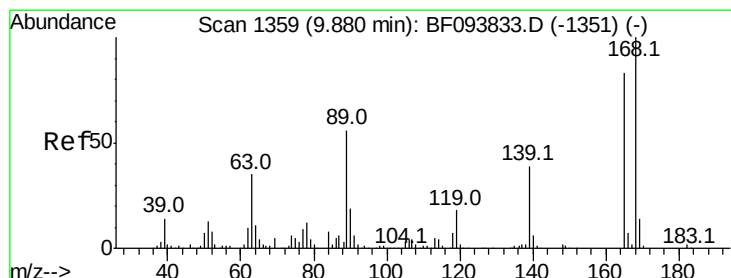
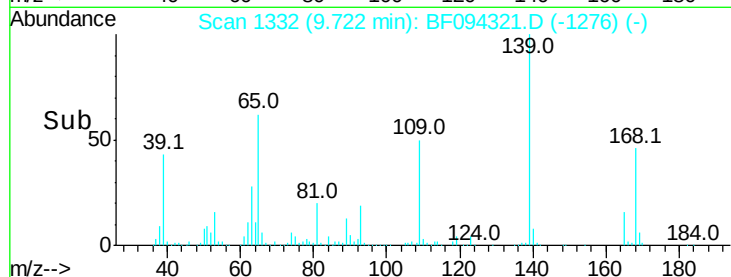
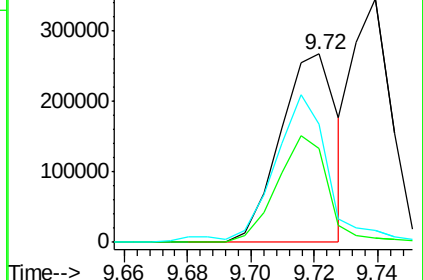
65 62.5 31.4 71.4



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: 36.59 ng

RT: 9.74 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Tgt Ion:165 Resp: 220413

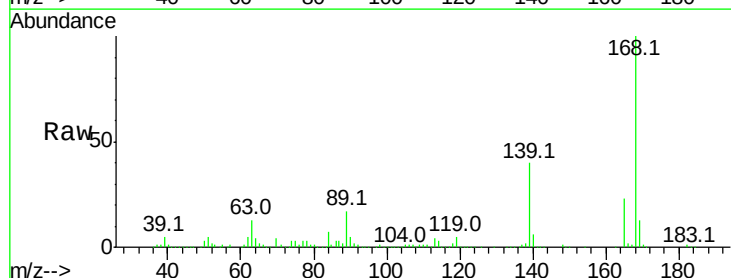
Ion Ratio Lower Upper

165 100

63 54.5 25.4 38.0#

89 74.0 46.4 69.6#

182 2.3 1.8 2.6

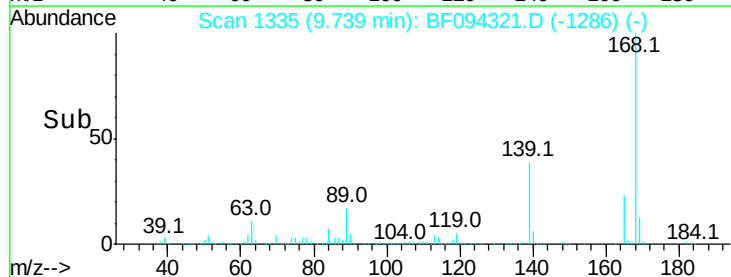
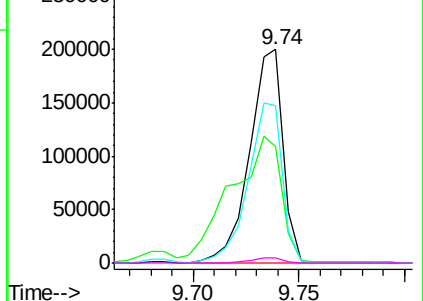


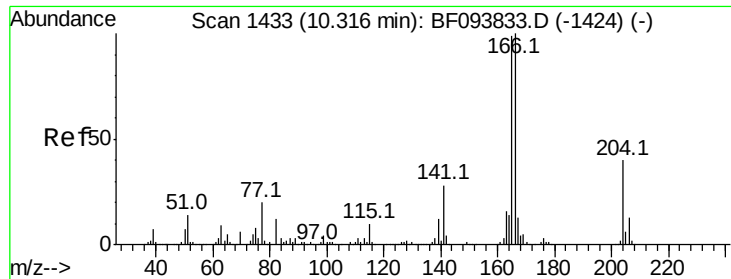
Abundance Ion 165.00 (164.70 to 165.70): E

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

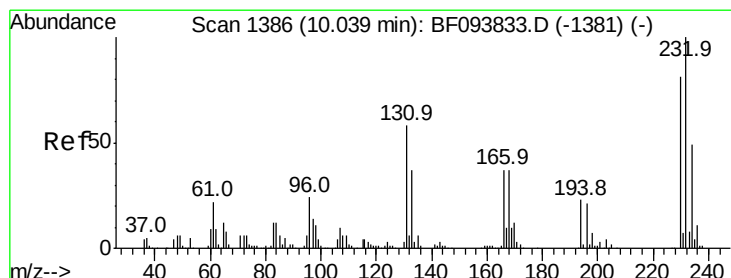
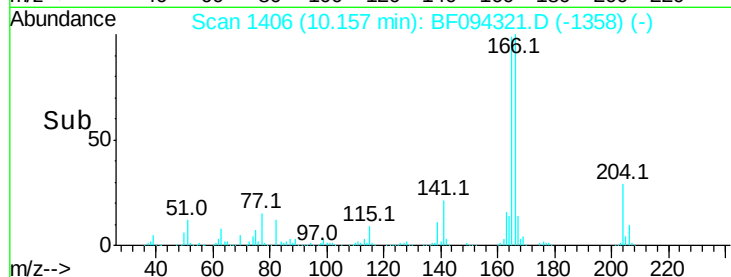
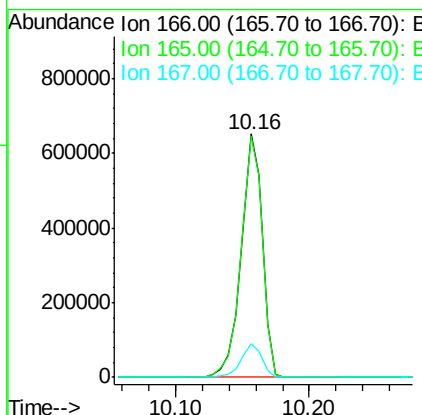
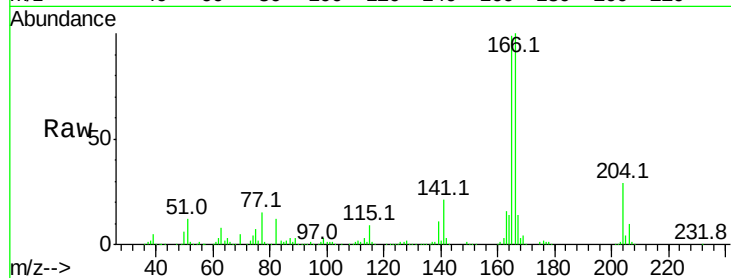




#57
 Fluorene
 Concen: 35.02 ng
 RT: 10.16 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

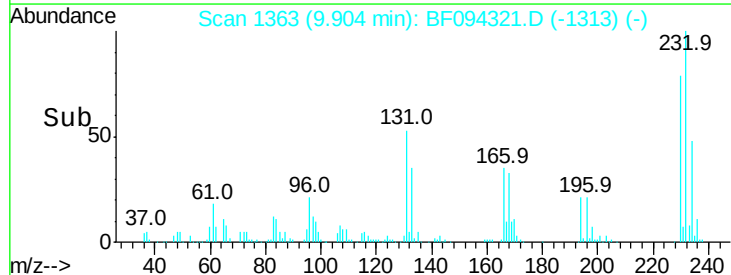
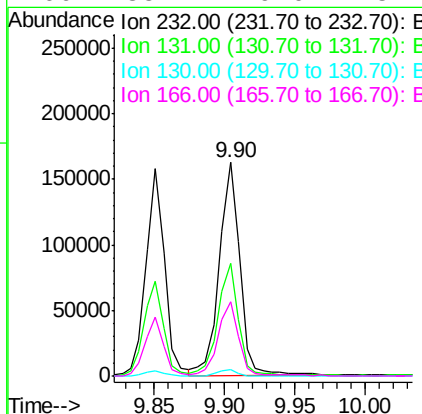
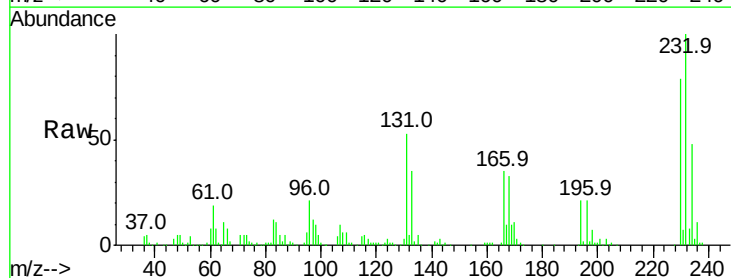
Instrument :
 BNA_F
 ClientSampleId :

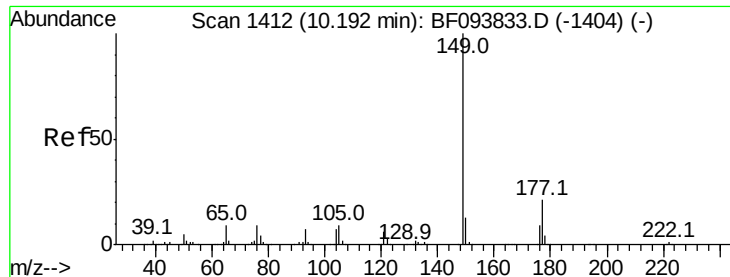
Tot Ion:166 Resp: 712448
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.05 ng
 RT: 9.90 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Tgt Ion:232 Resp: 165146
 Ion Ratio Lower Upper
 232 100
 131 51.6 44.8 67.2
 130 2.7 2.3 3.5
 166 35.4 29.0 43.4





#59

Diethylphthalate

Concen: 38.18 ng

RT: 10.05 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

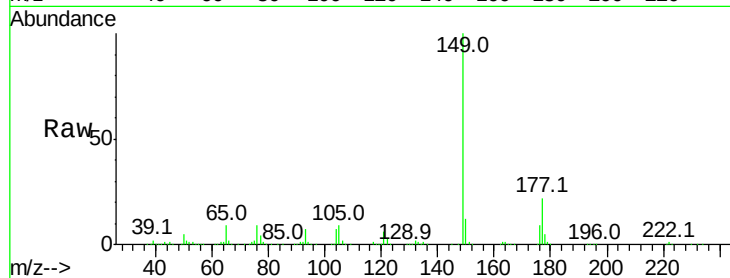
Tot Ion:149 Resp: 789463

Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

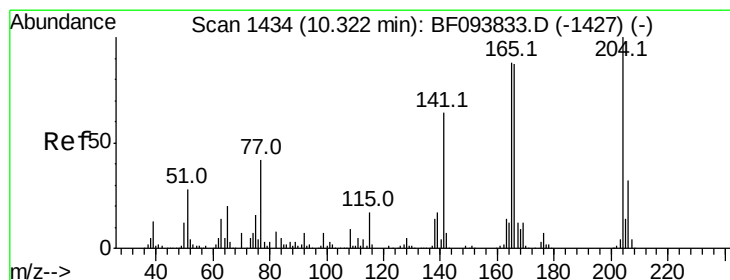
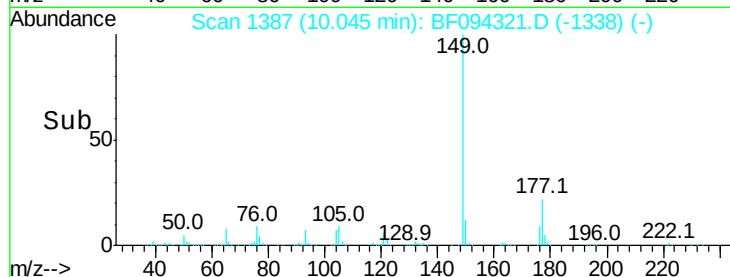
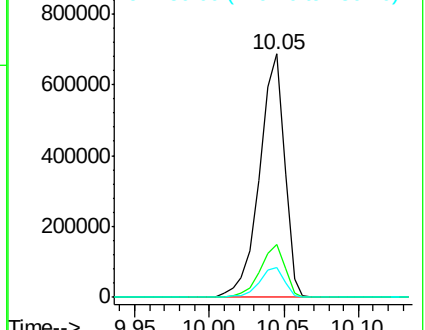
150 12.4 10.2 15.2



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: 35.55 ng

RT: 10.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

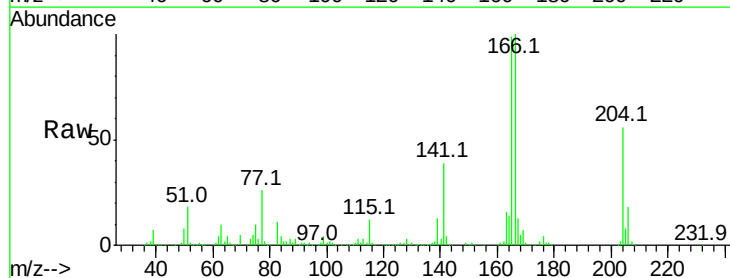
Tgt Ion:204 Resp: 308120

Ion Ratio Lower Upper

204 100

206 32.2 26.2 39.2

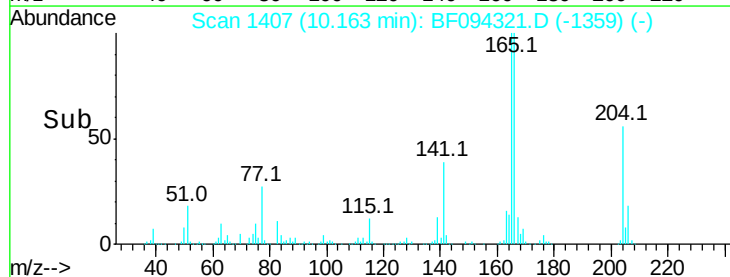
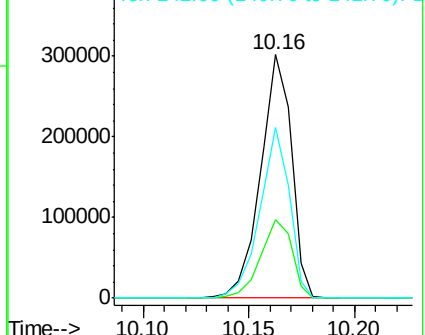
141 69.9 60.8 91.2

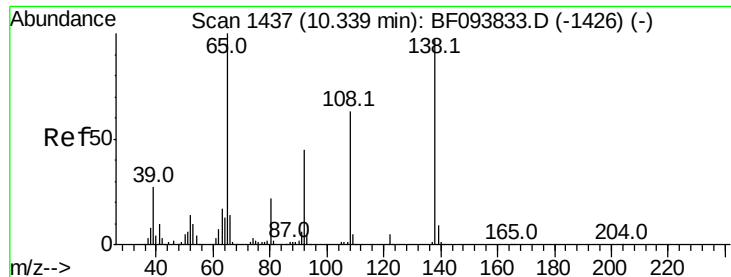


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

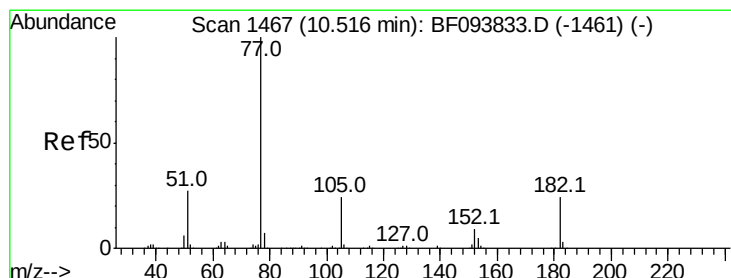
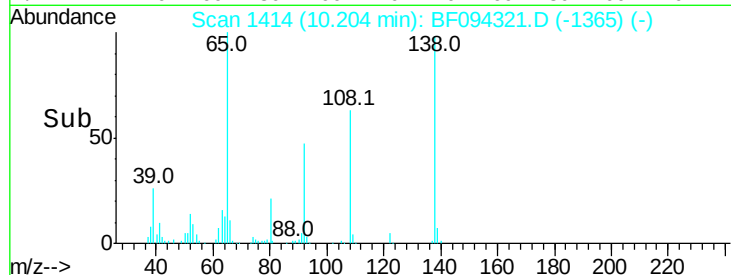
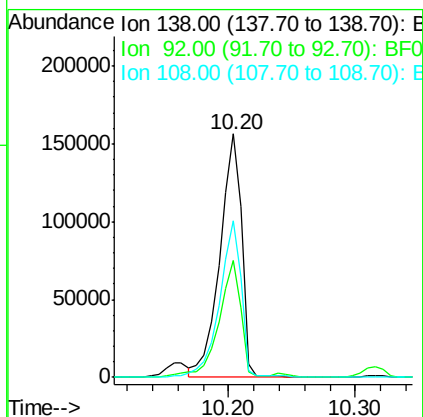
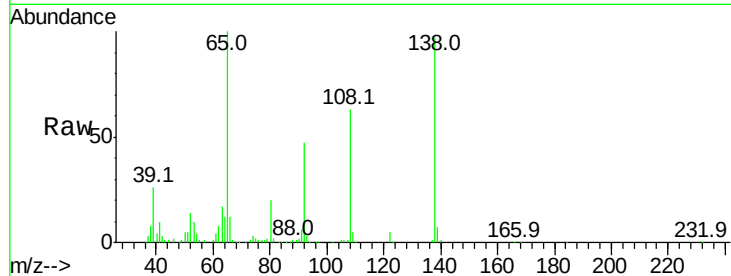




#61
4-Nitroaniline
Concen: 34.58 ng
RT: 10.20 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

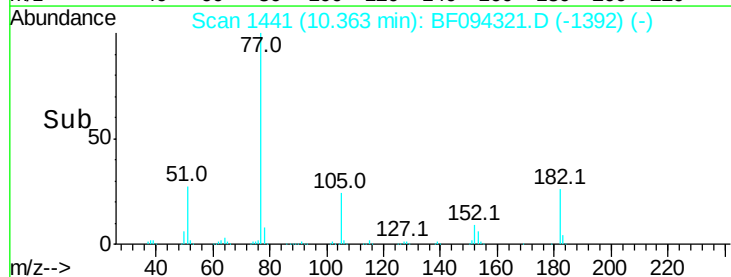
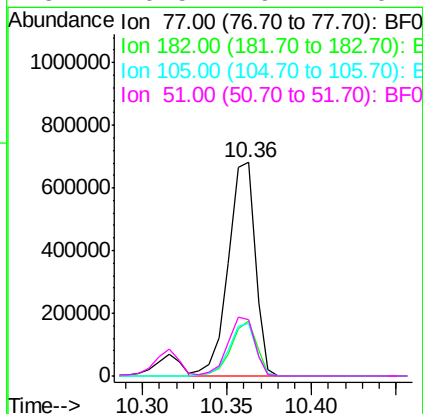
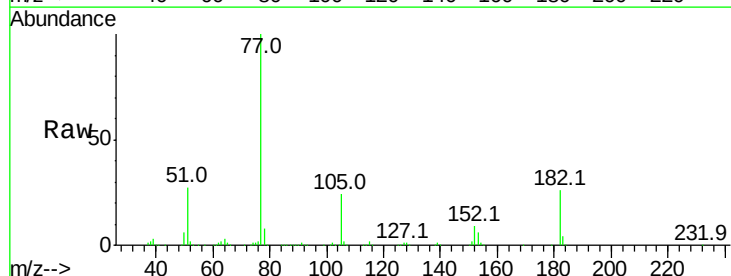
Instrument :
BNA_F
ClientSampleId :

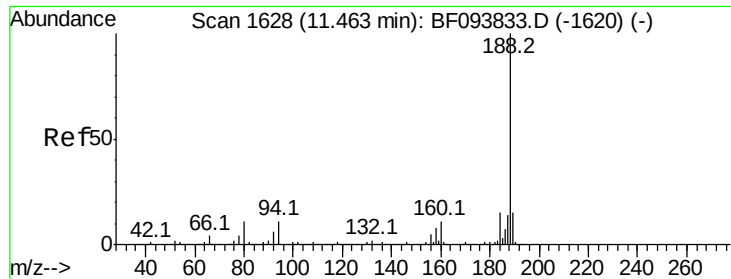
Tot Ion:138 Resp: 186865
Ion Ratio Lower Upper
138 100
92 48.0 21.8 61.8
108 64.4 42.3 82.3



#62
Azobenzene
Concen: 38.62 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion: 77 Resp: 755352
Ion Ratio Lower Upper
77 100
182 25.9 0.1 40.1
105 24.5 3.6 43.6
51 26.5 9.4 49.4

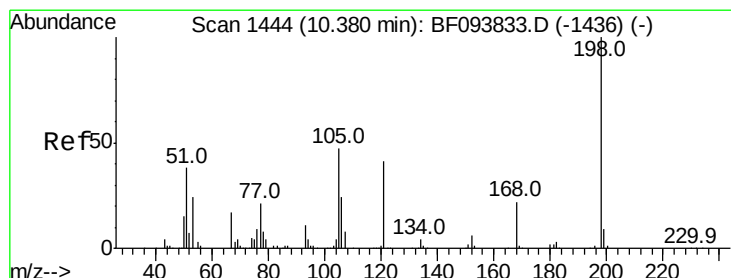
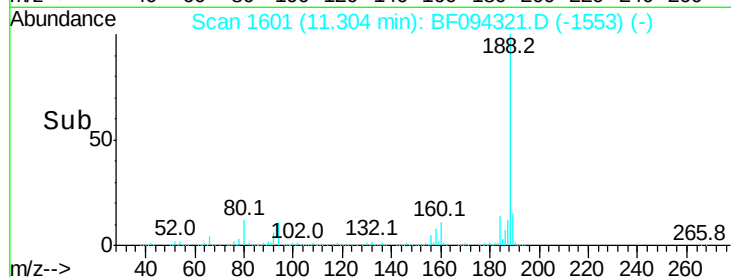
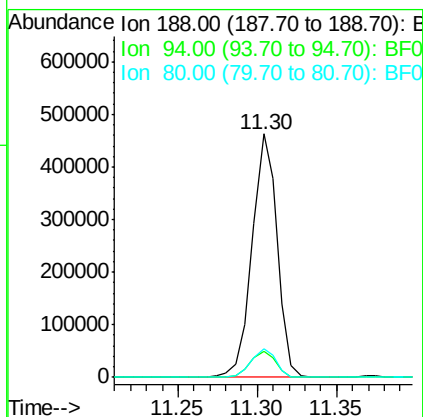
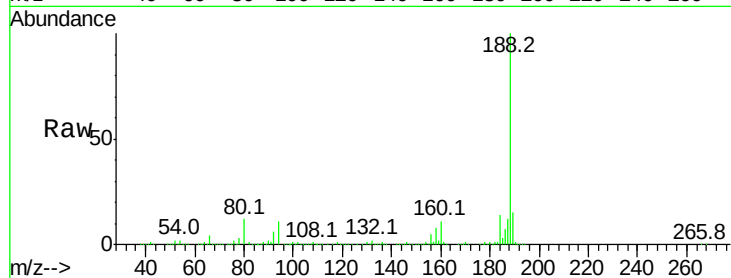




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

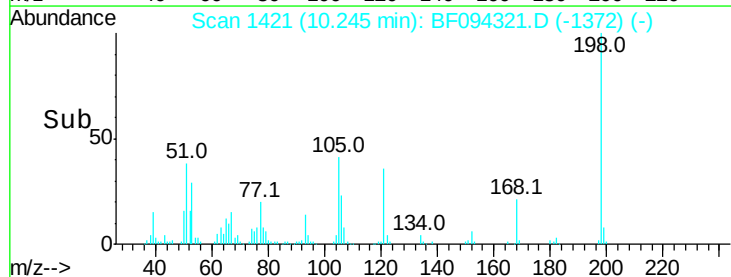
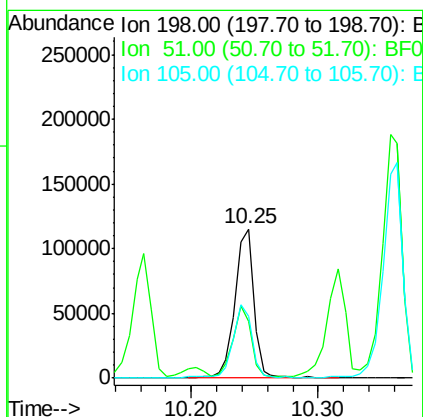
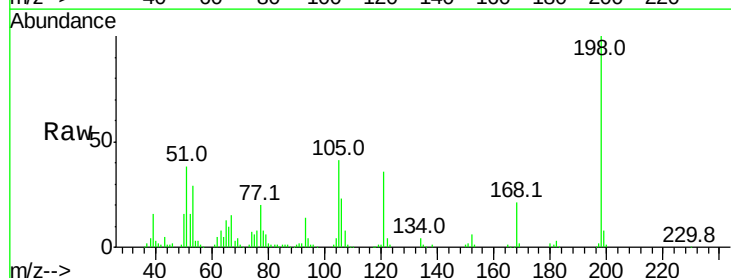
Instrument :
BNA_F
ClientSampleId :

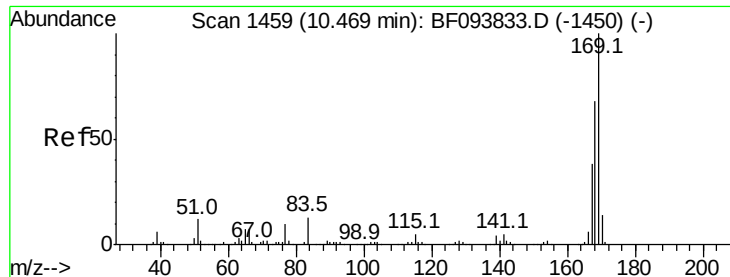
Tot Ion:188 Resp: 507190
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 38.49 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion:198 Resp: 119564
Ion Ratio Lower Upper
198 100
51 37.8 53.2 93.2#
105 41.3 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 37.87 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

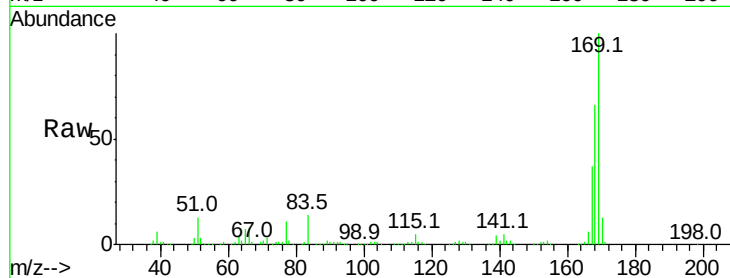
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 664200

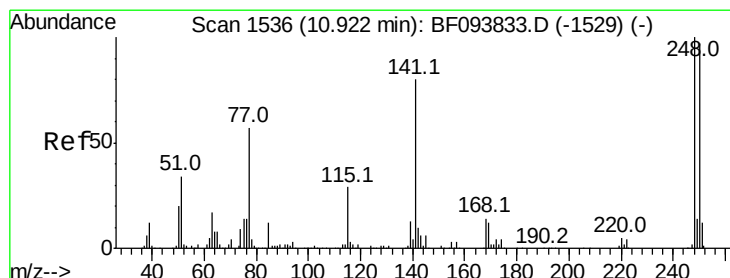
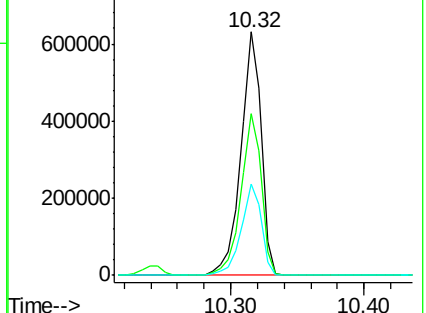
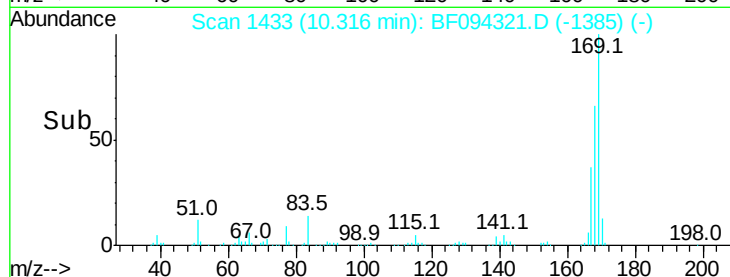
Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.2	79.8
167	37.4	29.5	44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.76 ng

RT: 10.76 min Scan# 1509

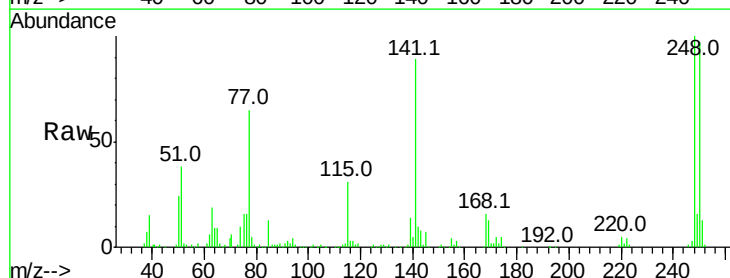
Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Tgt Ion:248 Resp: 188373

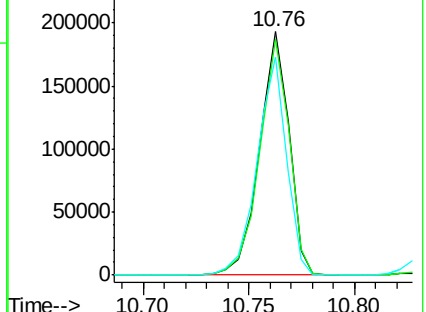
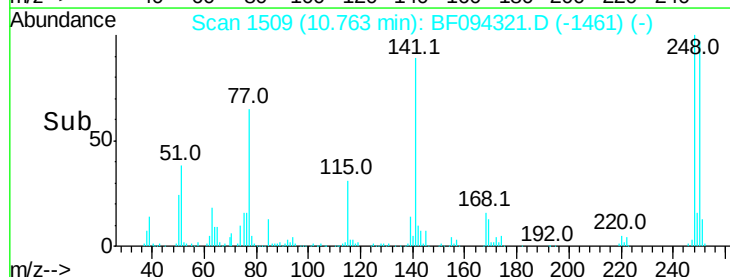
Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.8	115.2
141	89.5	68.6	103.0

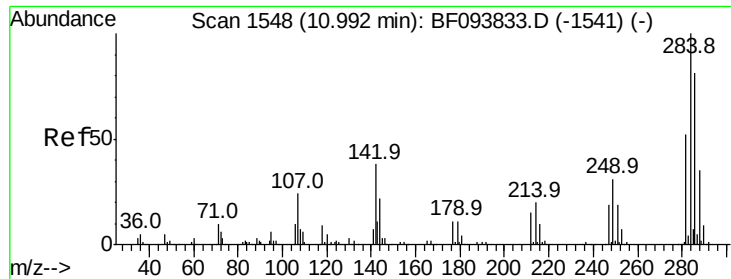


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

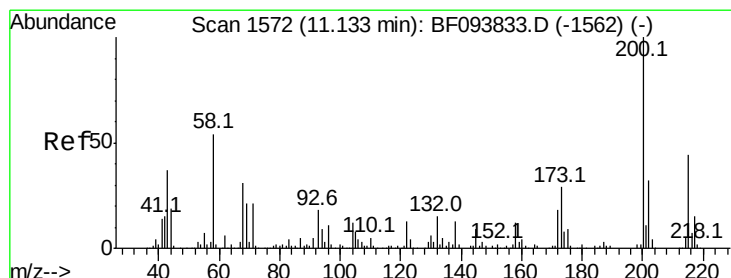
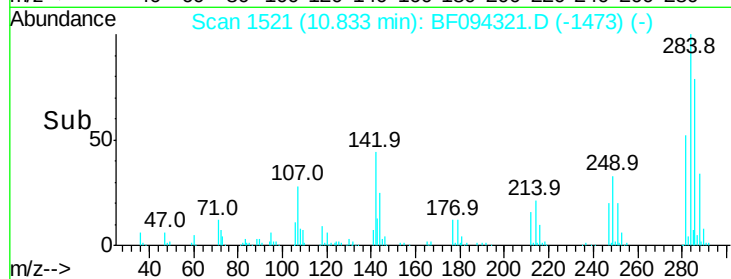
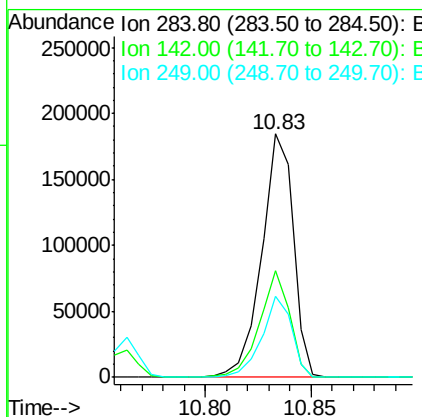
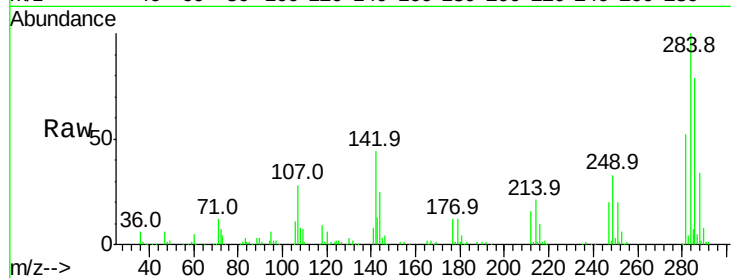




#67
Hexachlorobenzene
Concen: 38.15 ng
RT: 10.83 min Scan# 1521
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

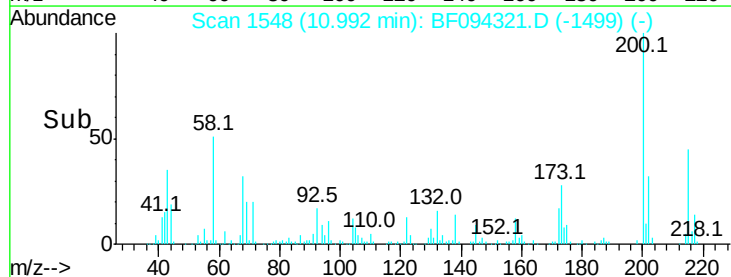
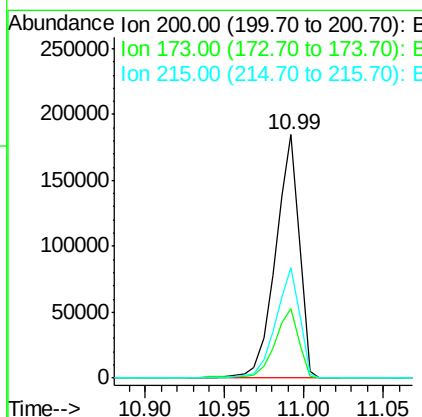
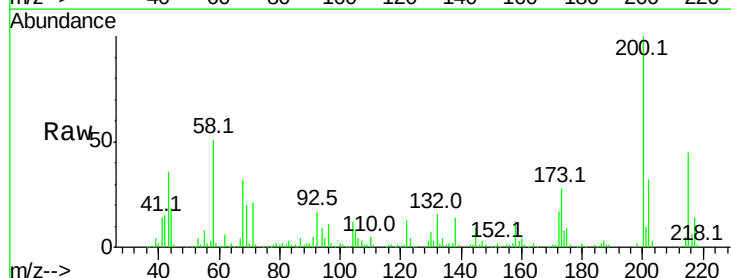
Instrument :
BNA_F
ClientSampled :

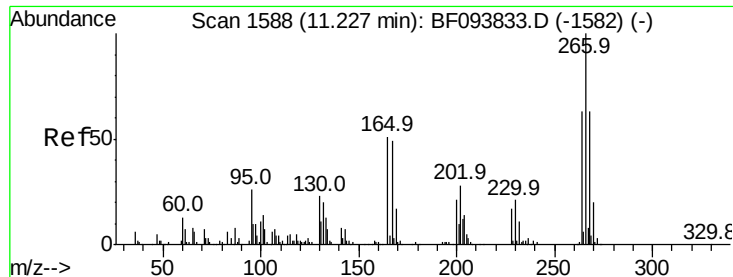
Tot Ion	Ratio	Lower	Upper
284	100		
142	44.0	22.8	34.2#
249	33.2	24.0	36.0



#68
Atrazine
Concen: 36.52 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.4	6.3	46.3
215	45.5	27.2	67.2





#69

Pentachlorophenol

Concen: 53.41 ng

RT: 11.09 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

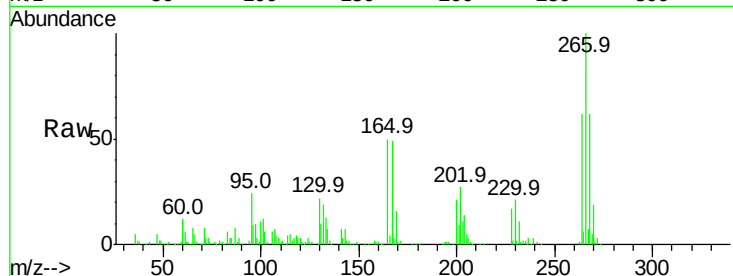
Tot Ion:266 Resp: 167880

Ion Ratio Lower Upper

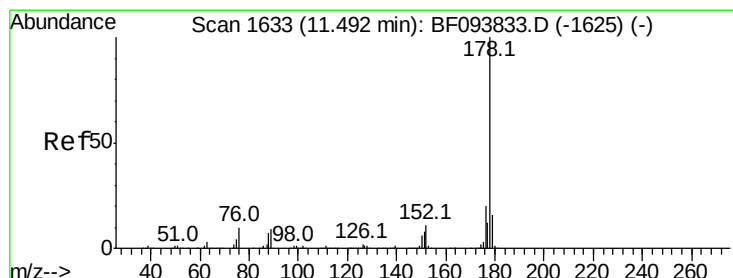
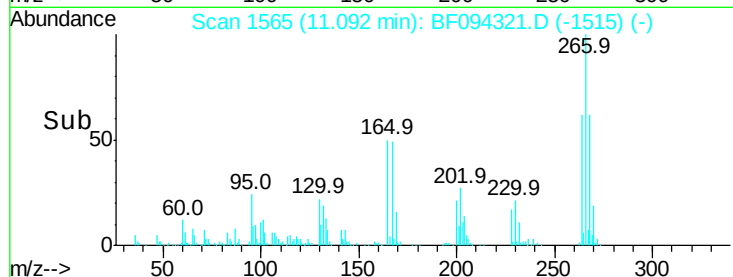
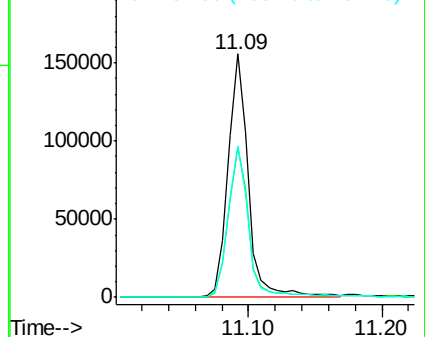
266 100

268 61.9 51.1 76.7

264 62.0 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: 36.25 ng

RT: 11.34 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

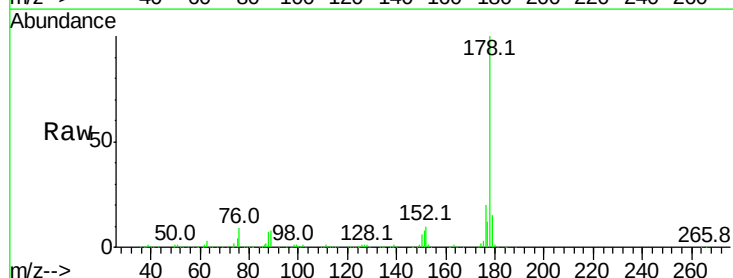
Tgt Ion:178 Resp: 1022706

Ion Ratio Lower Upper

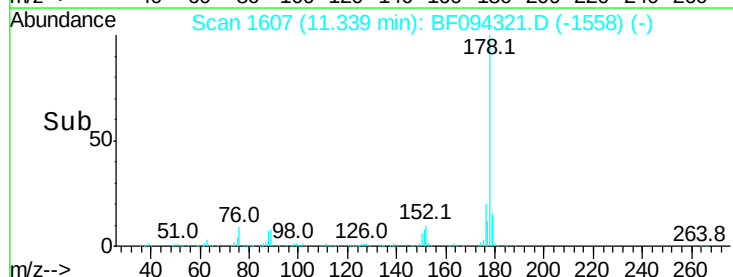
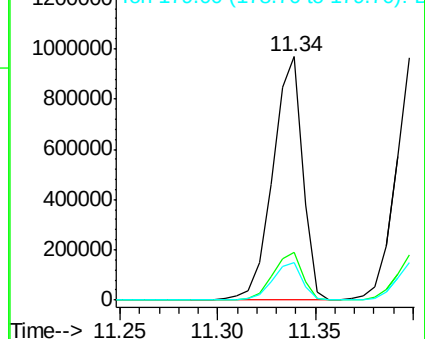
178 100

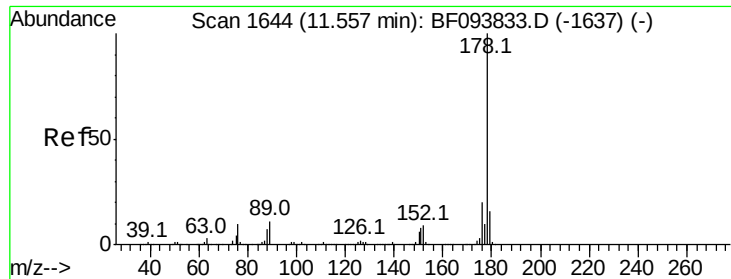
176 19.6 16.2 24.4

179 15.3 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: 36.92 ng

RT: 11.40 min Scan# 1617

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

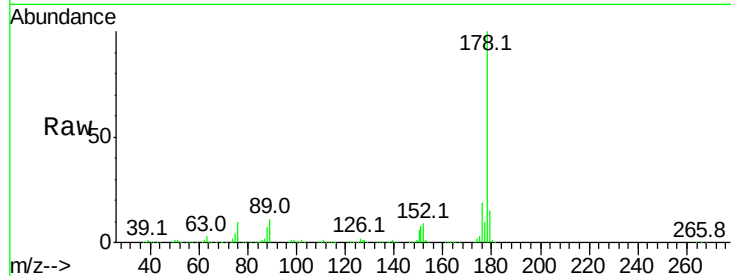
Tot Ion:178 Resp: 1072471

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

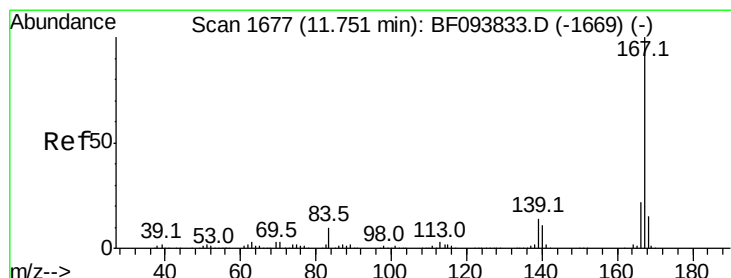
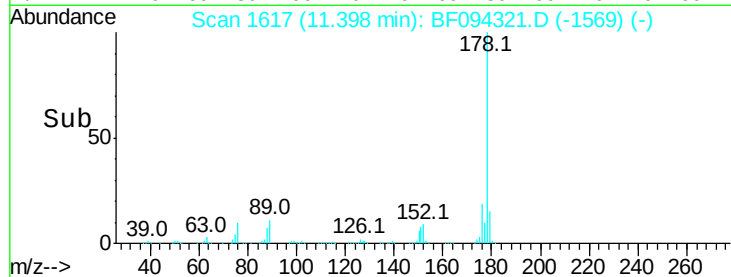
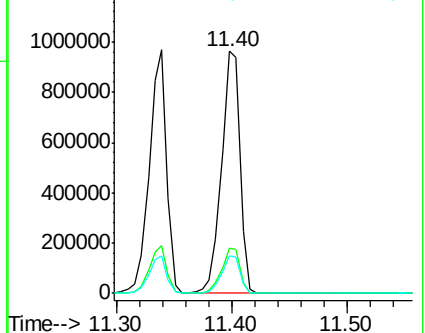
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.54 ng

RT: 11.61 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

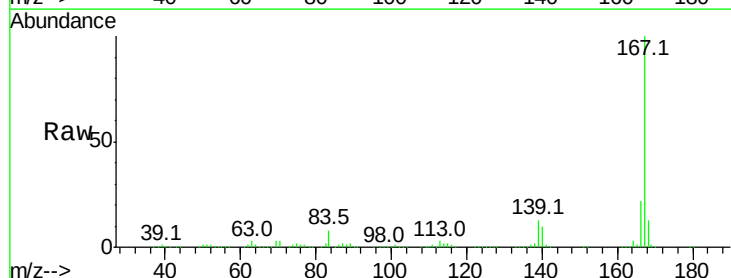
Tgt Ion:167 Resp: 999243

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

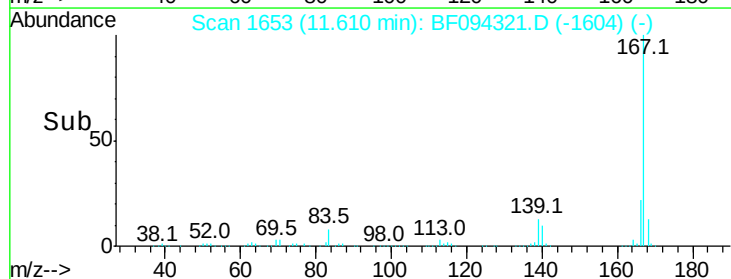
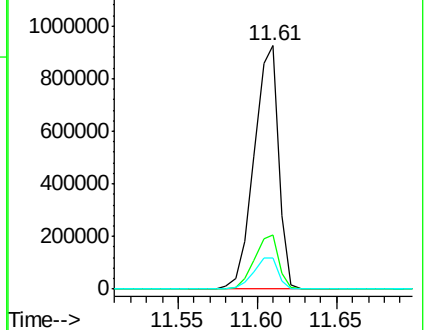
139 13.0 11.7 17.5

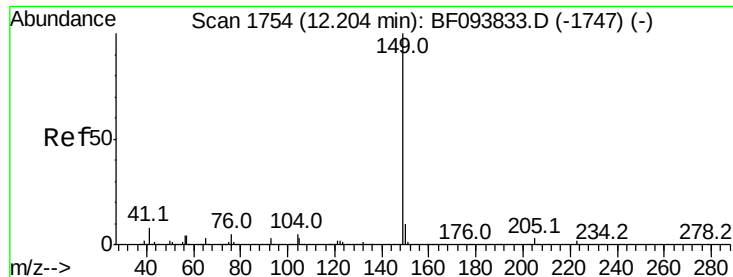


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.58 ng

RT: 12.05 min Scan# 1728

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

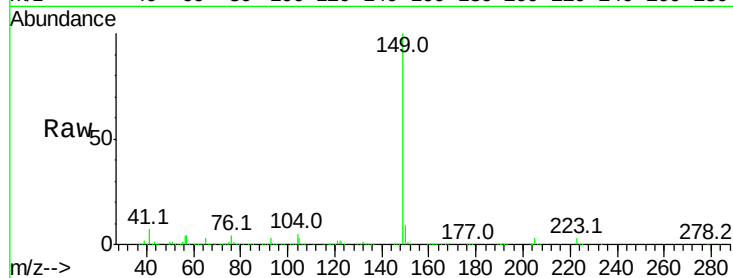
Tot Ion:149 Resp: 1195265

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

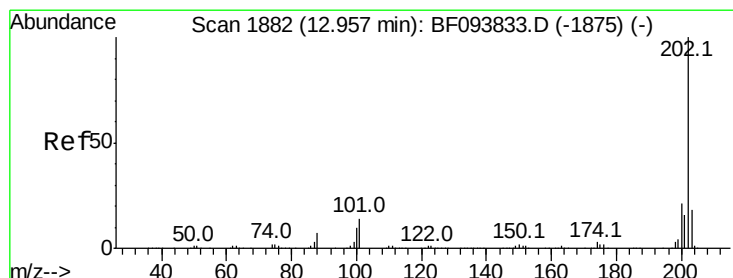
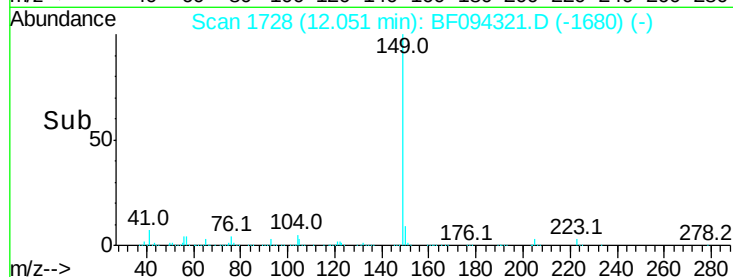
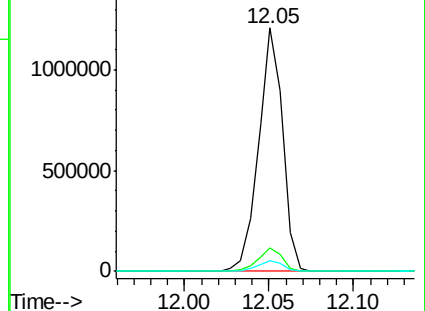
104 4.6 4.0 6.0



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: 36.07 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

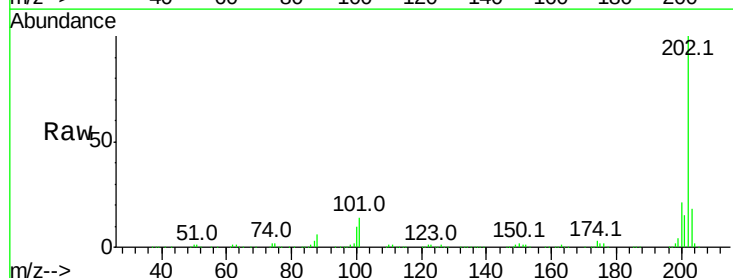
Tgt Ion:202 Resp: 1041969

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

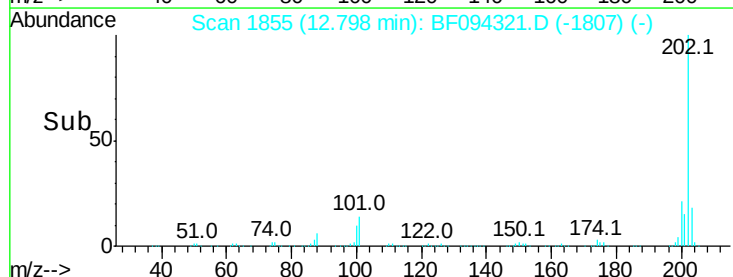
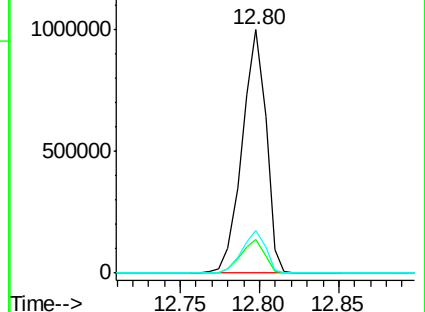
203 17.6 0.0 38.1

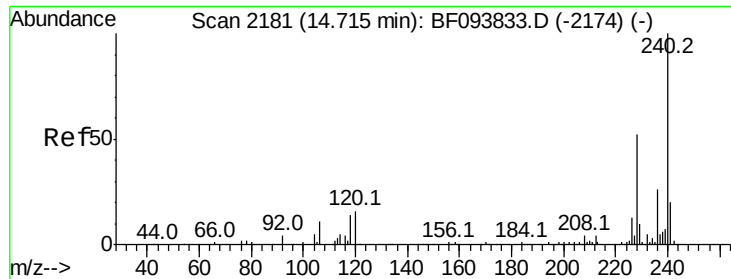


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.56 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

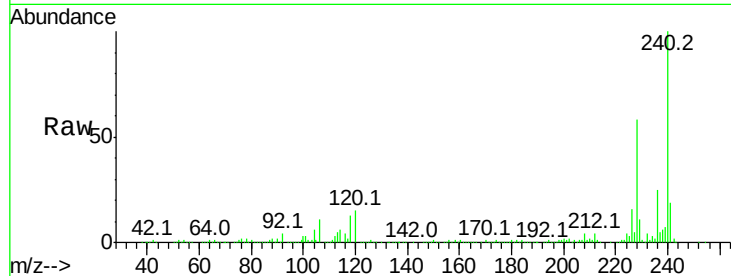
Tot Ion:240 Resp: 380423

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

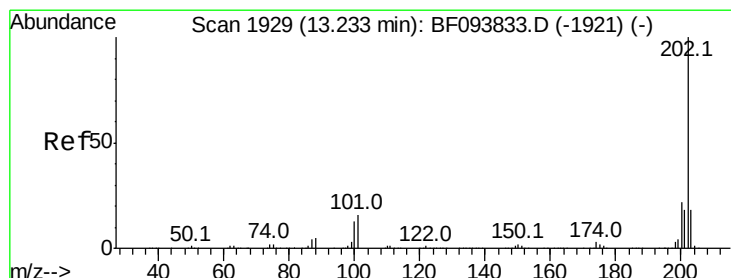
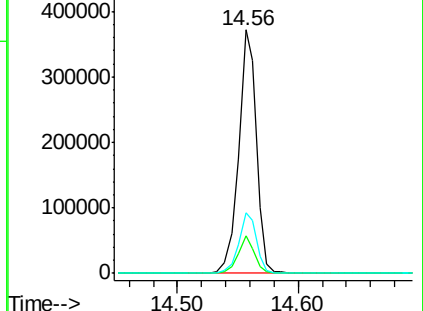
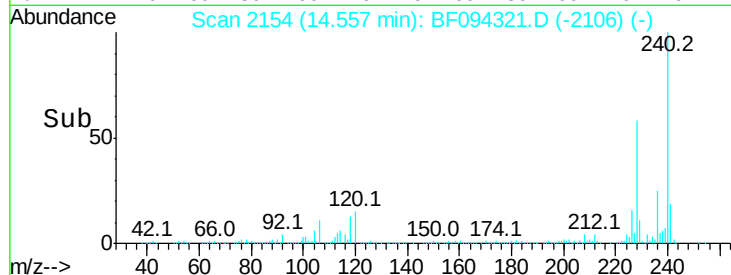
236 24.9 20.5 30.7



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



#77

Pyrene

Concen: 38.06 ng

RT: 13.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

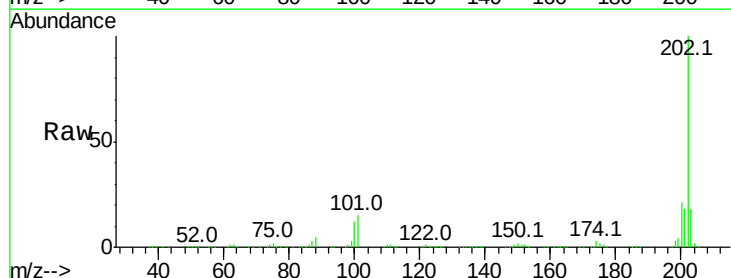
Tgt Ion:202 Resp: 1050828

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

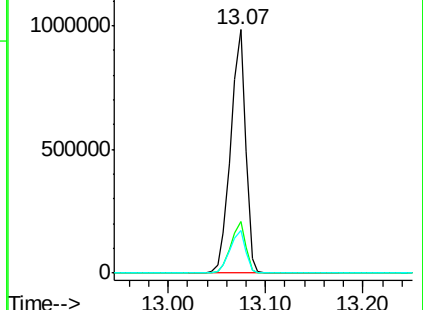
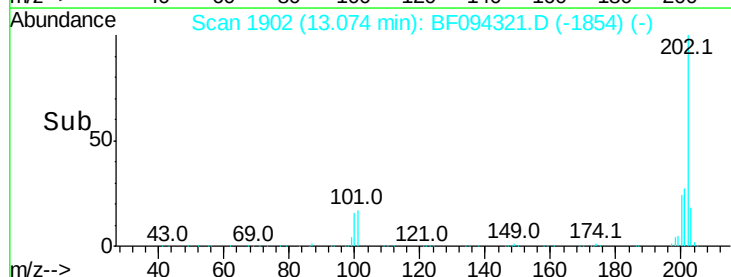
203 17.6 14.4 21.6

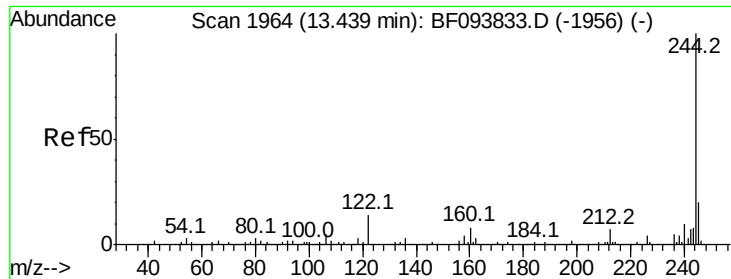


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

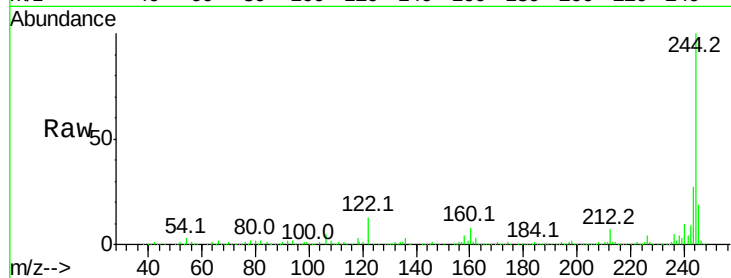




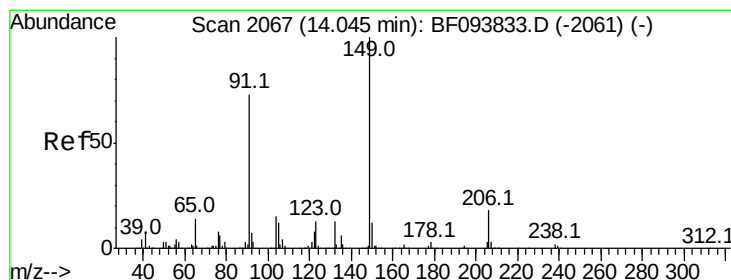
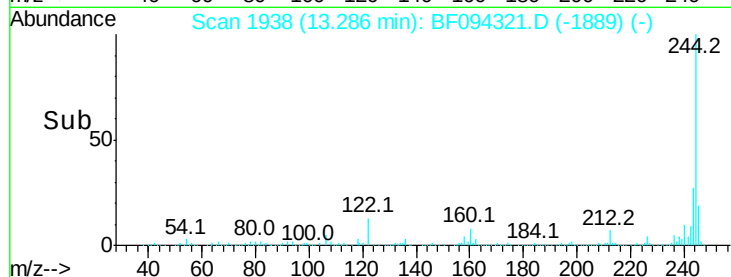
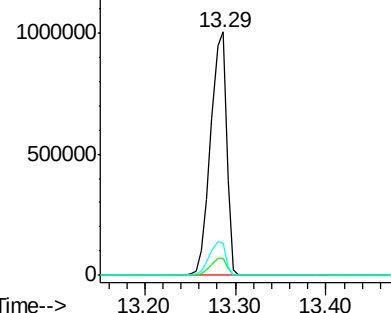
#78
 Terphenyl-d14
 Concen: 72.05 ng
 RT: 13.29 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1222790
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.3 10.3 15.5

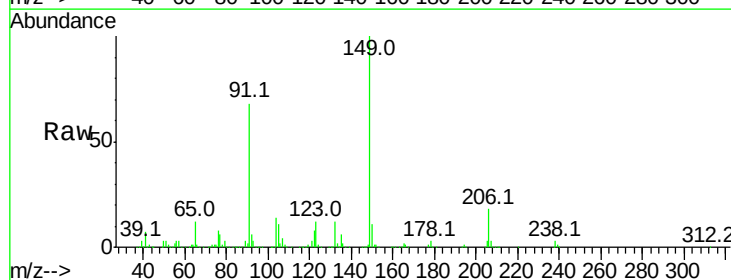


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

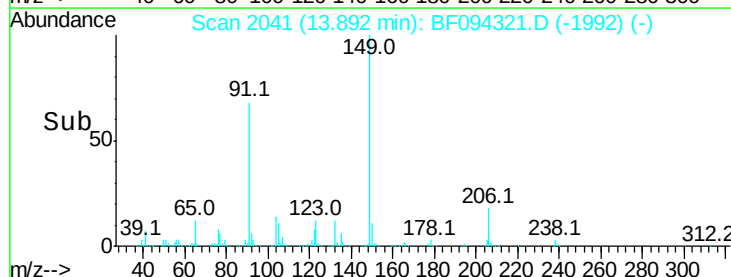
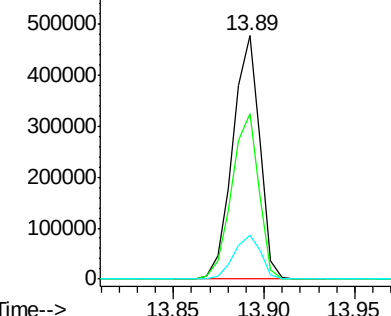


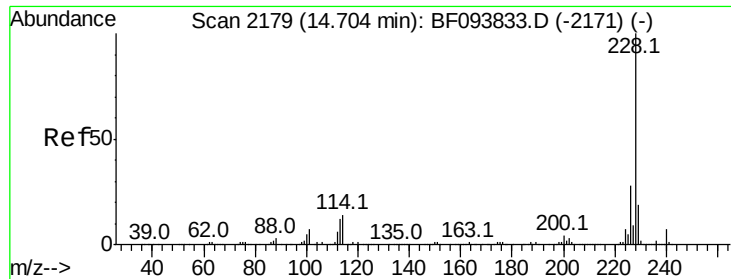
#79
 Butylbenzylphthalate
 Concen: 41.89 ng
 RT: 13.89 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF094321.D
 Acq: 10 Apr 2017 19:49

Tgt Ion:149 Resp: 492739
 Ion Ratio Lower Upper
 149 100
 91 67.9 45.0 67.4#
 206 18.1 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

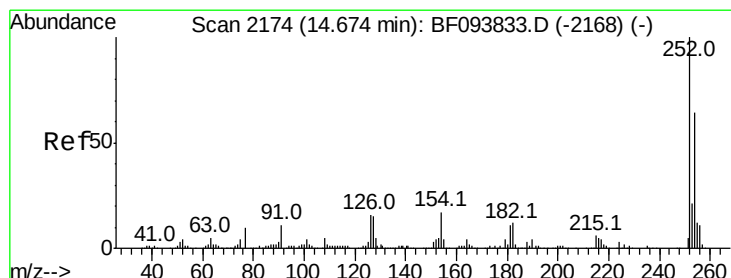
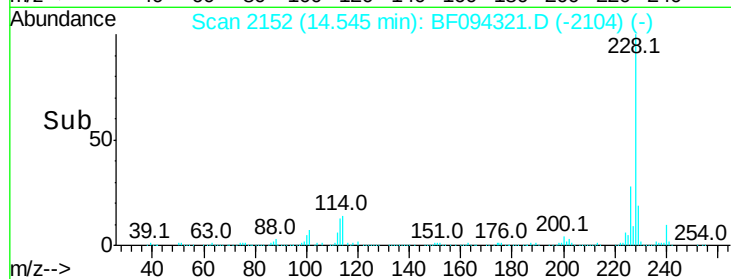
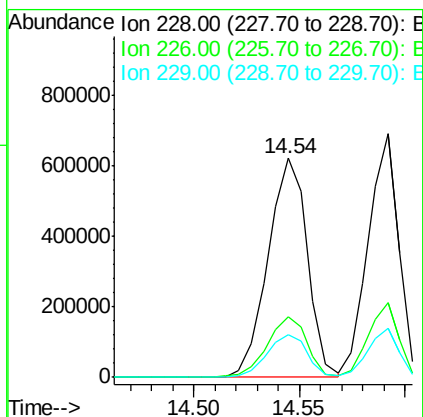
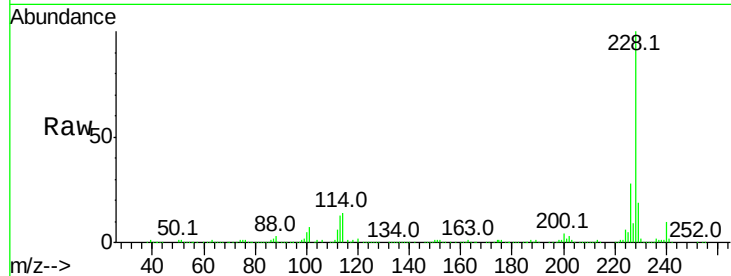




#80
Benzo(a)anthracene
Concen: 36.20 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

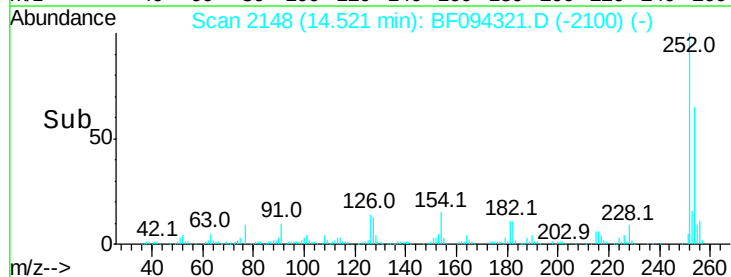
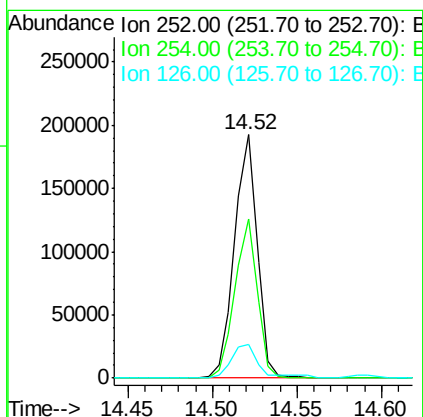
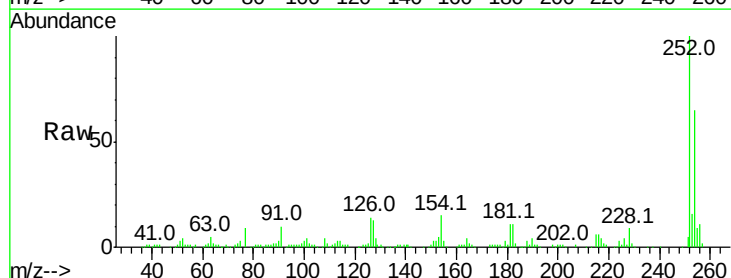
Instrument :
BNA_F
ClientSampleId :

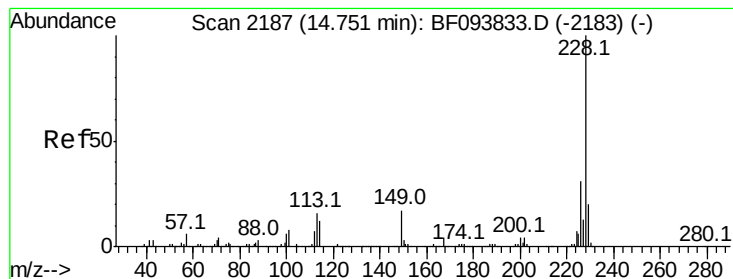
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.5	16.3	24.5



#81
3,3'-Dichlorobenzidine
Concen: 22.80 ng
RT: 14.52 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.5	77.3
126	13.6	15.8	23.8





#82

Chrysene

Concen: 34.05 ng

RT: 14.59 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

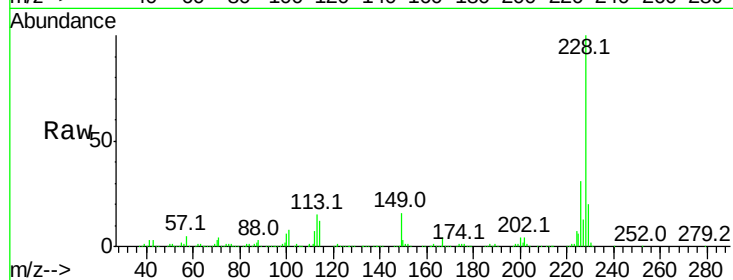
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 701050

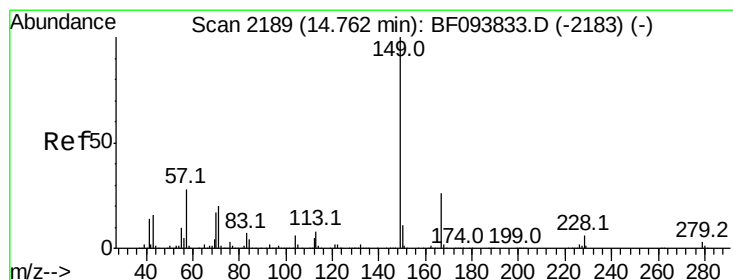
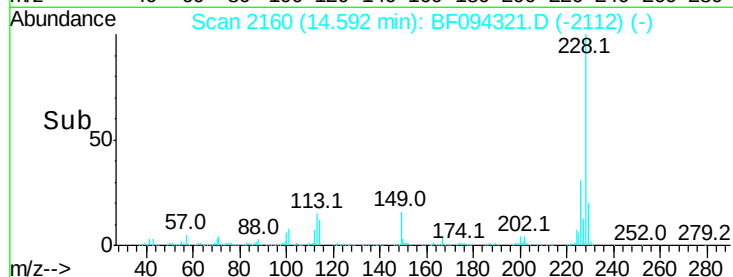
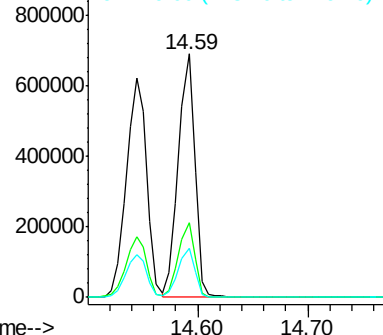
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.1	15.8	23.6



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: 41.79 ng

RT: 14.60 min Scan# 2162

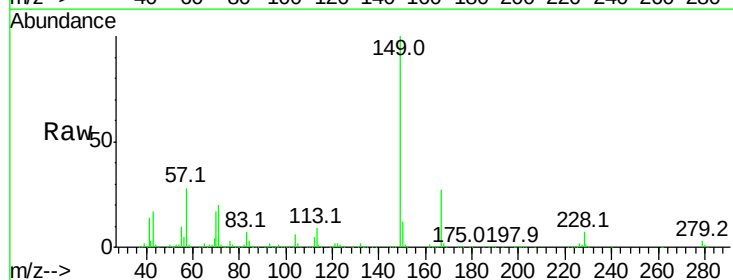
Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Tgt Ion:149 Resp: 670671

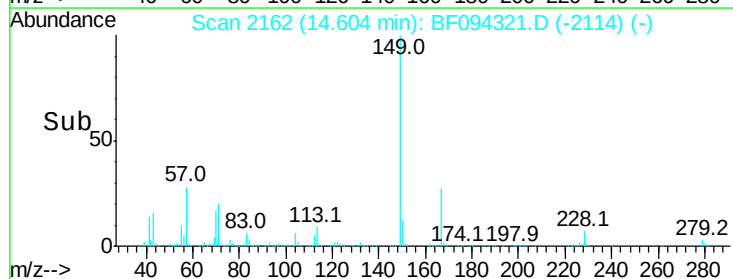
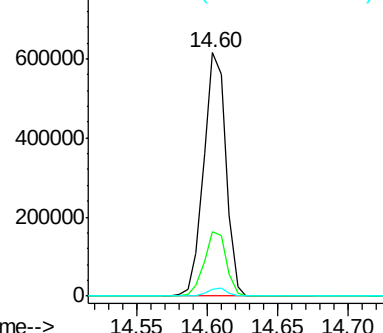
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	2.8	1.9	2.9

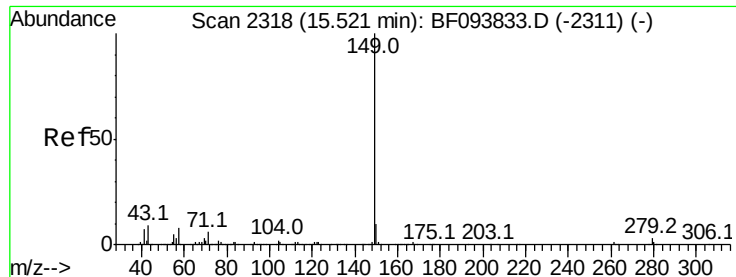


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

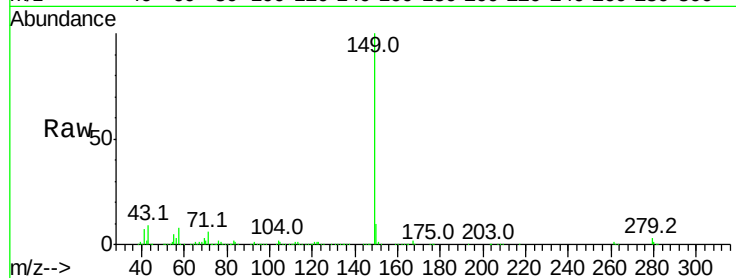




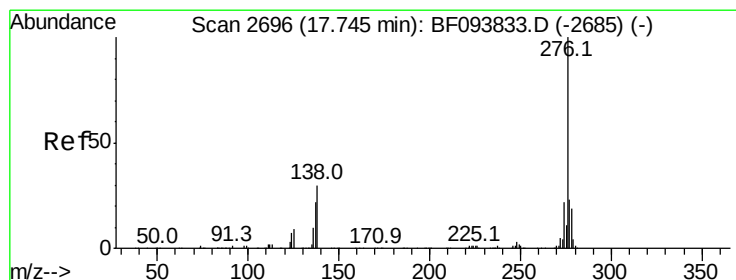
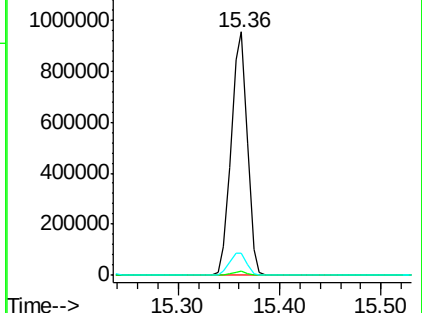
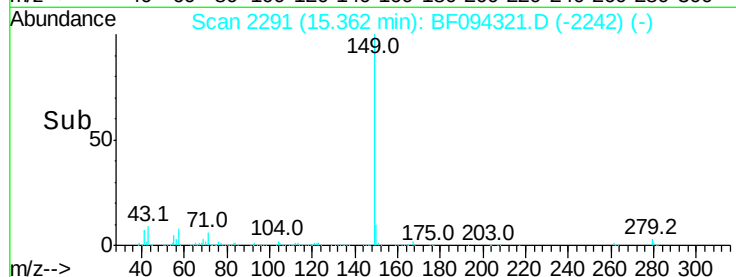
#84
Di-n-octyl phthalate
Concen: 39.36 ng
RT: 15.36 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1055291
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 8.5 12.7

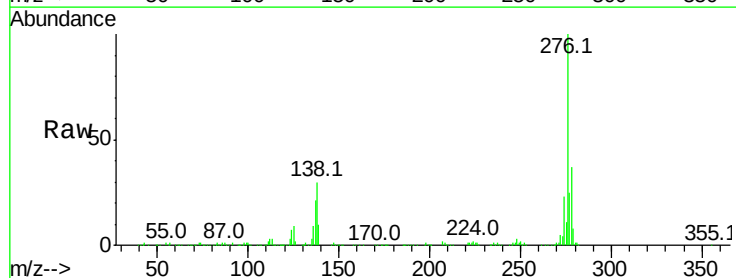


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

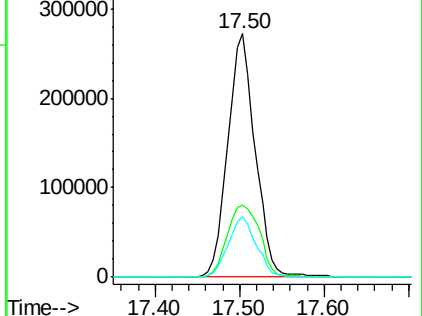
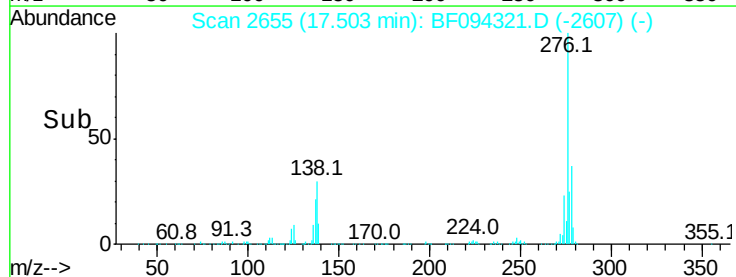


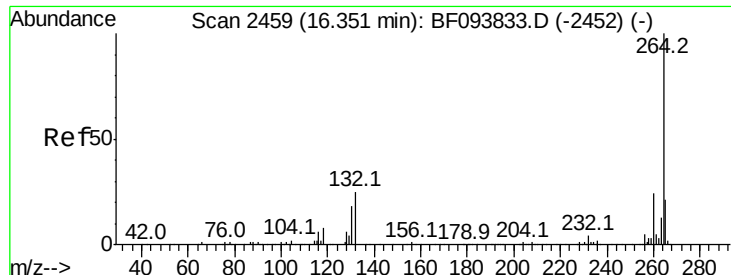
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.12 ng
RT: 17.50 min Scan# 2655
Delta R.T. -0.02 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion:276 Resp: 608284
Ion Ratio Lower Upper
276 100
138 35.3 27.8 41.6
277 25.6 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

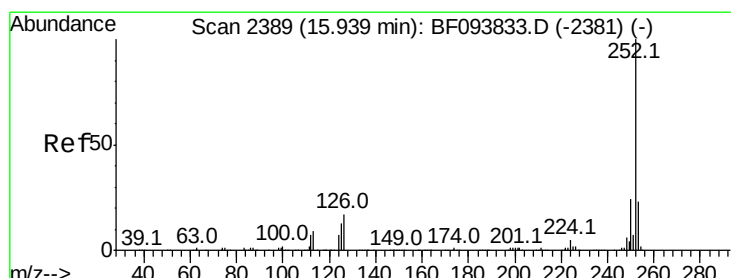
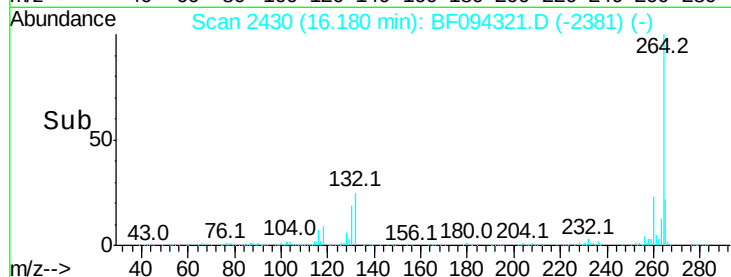
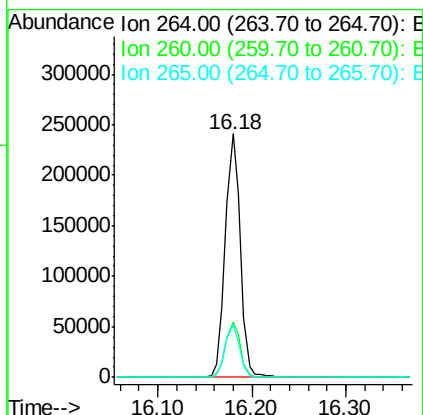
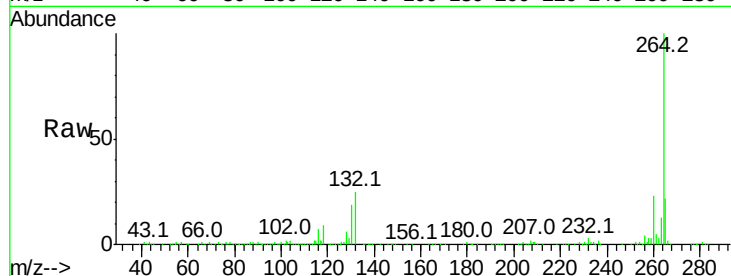




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

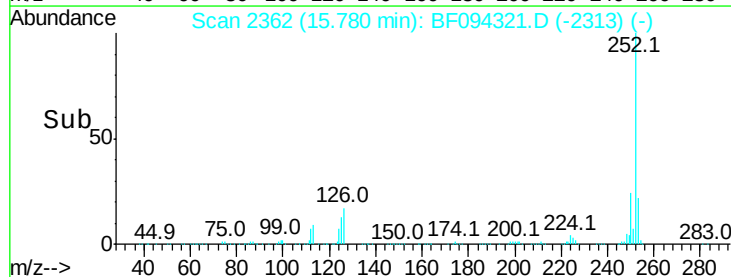
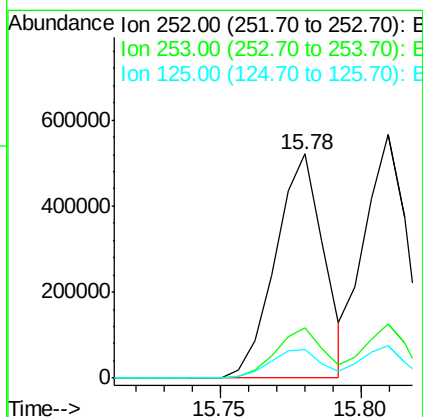
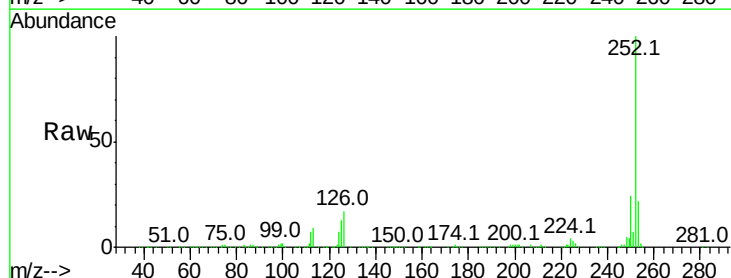
Instrument :
BNA_F
ClientSampleId :

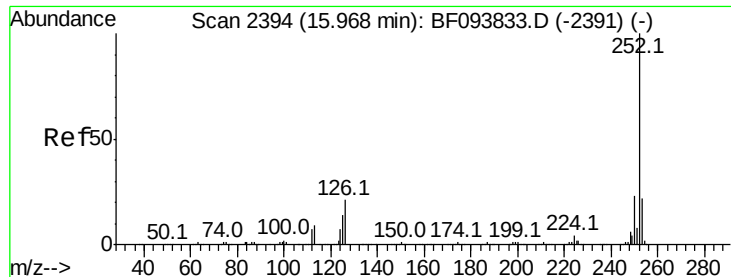
Tot Ion:264 Resp: 269208
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 37.42 ng
RT: 15.78 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BF094321.D
Acq: 10 Apr 2017 19:49

Tgt Ion:252 Resp: 617426
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.6 9.8 14.8





#88

Benzo(k)fluoranthene

Concen: 36.83 ng

RT: 15.81 min Scan# 2367

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

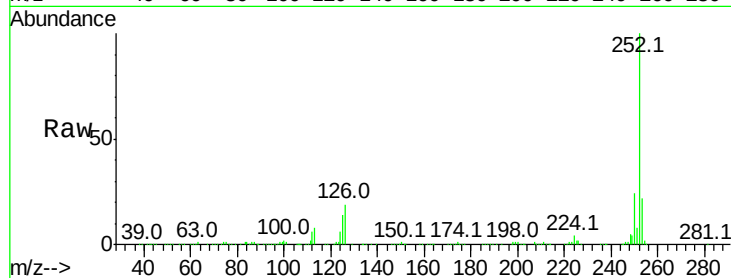
Tot Ion:252 Resp: 594566

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

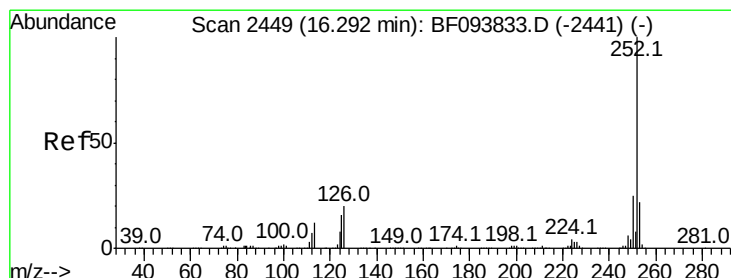
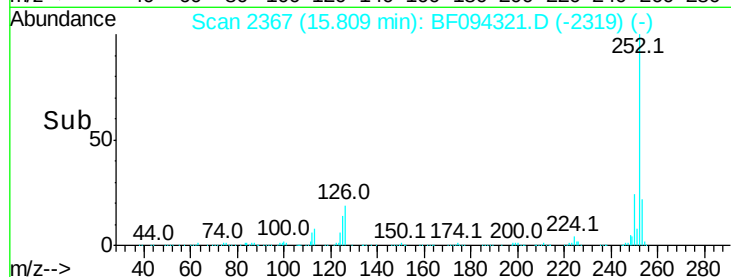
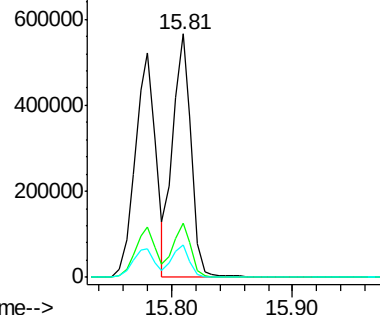
125 13.5 13.1 19.7



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: 37.17 ng

RT: 16.13 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

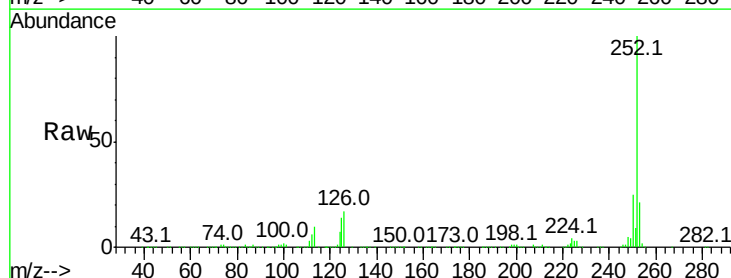
Tgt Ion:252 Resp: 564783

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

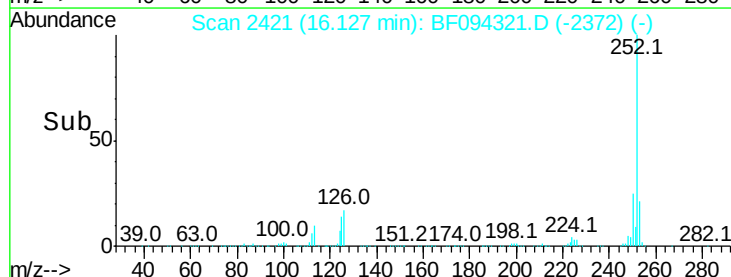
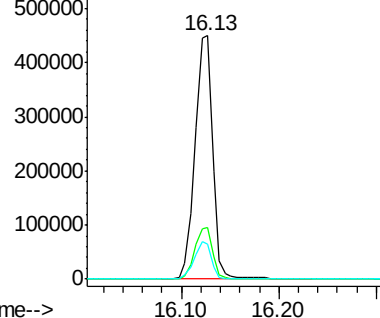
125 14.1 11.0 16.4

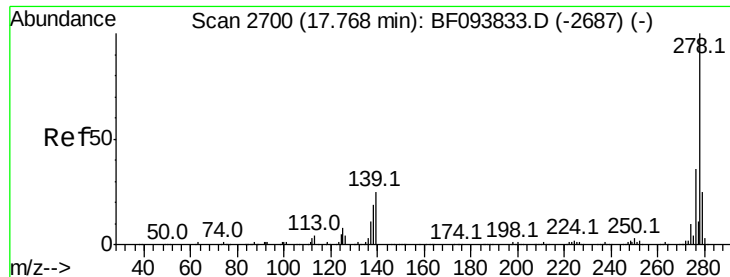


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 39.20 ng

RT: 17.52 min Scan# 2658

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

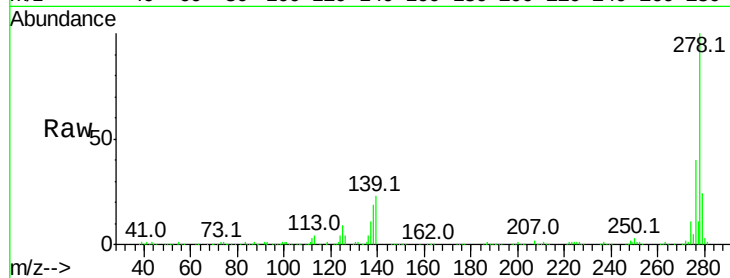
Tot Ion:278 Resp: 504427

Ion Ratio Lower Upper

278 100

139 22.7 16.6 24.8

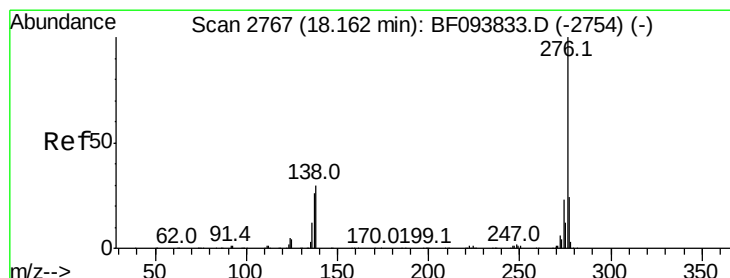
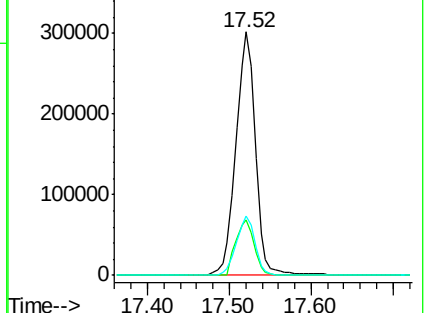
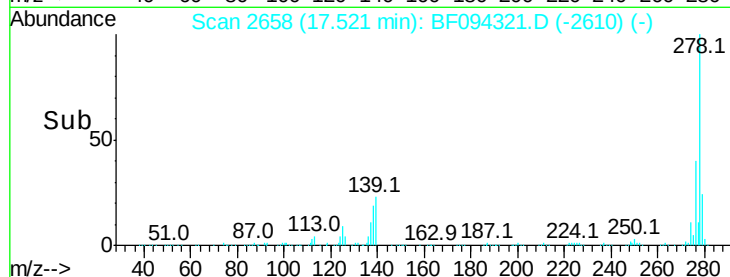
279 24.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 39.86 ng

RT: 17.89 min Scan# 2721

Delta R.T. -0.02 min

Lab File: BF094321.D

Acq: 10 Apr 2017 19:49

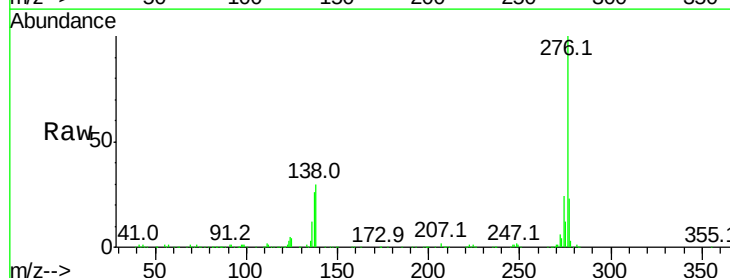
Tgt Ion:276 Resp: 516991

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 30.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

