

Data Path : Z:\HPCHEM1\BNA F\Data\BF033117\
 Data File : BF094090.D
 Acq On : 31 Mar 2017 12:15
 Operator : SJ/MA
 Sample : I2384-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Quant Time: Mar 31 14:45:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	195734	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	772524	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	346067	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	589704	20.00	ng	0.00
75) Chrysene-d12	14.63	240	426881	20.00	ng	0.00
86) Perylene-d12	16.25	264	202432	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1368990	118.13	ng	0.03
7) Phenol-d6	5.52	99	1674011	116.77	ng	0.00
23) Nitrobenzene-d5	6.56	82	1156940	85.47	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	388864	142.20	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	2087785	92.02	ng	0.00
78) Terphenyl-d14	13.35	244	1643712	86.31	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.45	88	206135	37.02	ng	# 81
3) Pyridine	2.88	79	486978	32.09	ng	99
4) n-Nitrosodimethylamine	2.82	42	265073	42.46	ng	95
6) Aniline	5.53	93	99633	5.00	ng	# 1
8) 2-Chlorophenol	5.67	128	558270	43.83	ng	98
9) Benzaldehyde	5.39	77	35826	3.70	ng	96
10) Phenol	5.53	94	596651	36.57	ng	92
11) bis(2-Chloroethyl)ether	5.61	93	566665	44.45	ng	97
12) 1,3-Dichlorobenzene	5.83	146	578226	40.47	ng	99
13) 1,4-Dichlorobenzene	5.92	146	597327	41.28	ng	97
14) 1,2-Dichlorobenzene	6.10	146	628454	47.16	ng	97
15) Benzyl Alcohol	6.07	79	391890	37.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.23	45	785344	39.98	ng	94
17) 2-Methylphenol	6.22	107	473732	43.43	ng	95
18) Hexachloroethane	6.49	117	207308	40.76	ng	88
19) n-Nitroso-di-n-propylamine	6.39	70	396945	43.08	ng	95
20) 3+4-Methylphenols	6.40	107	598618	45.31	ng	# 64
22) Acetophenone	6.37	105	812038	47.16	ng	# 86
24) Nitrobenzene	6.57	77	587433	44.00	ng	94
25) Isophorone	6.86	82	1063270	44.70	ng	96
26) 2-Nitrophenol	6.95	139	320421	50.33	ng	97
27) 2,4-Dimethylphenol	7.02	122	531446	48.44	ng	98
28) bis(2-Chloroethoxy)methane	7.12	93	657731	41.93	ng	99
29) 2,4-Dichlorophenol	7.25	162	496968	48.45	ng	99
30) 1,2,4-Trichlorobenzene	7.34	180	479661	45.40	ng	99
31) Naphthalene	7.43	128	2439239	65.67	ng	99
32) Benzoic acid	7.18	122	303720	41.59	ng	88
33) 4-Chloroaniline	7.50	127	58424	3.88	ng	# 93
34) Hexachlorobutadiene	7.59	225	239987	44.30	ng	97
35) Caprolactam	7.96	113	72546	22.18	ng	100
36) 4-Chloro-3-methylphenol	8.12	107	510394	47.62	ng	88
37) 2-Methylnaphthalene	8.27	142	1319547	53.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	421417	44.51	ng	99
40) Hexachlorocyclopentadiene	8.47	237	368108	83.09	ng	99

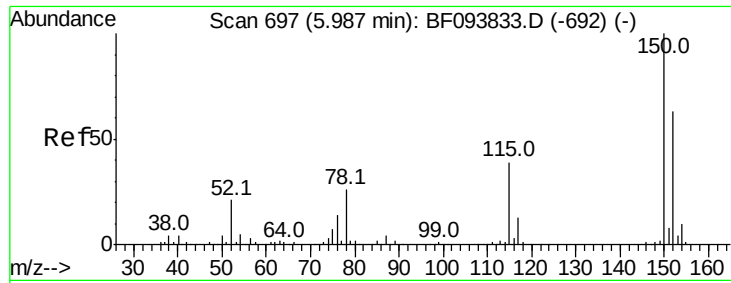
Data Path : Z:\HPCHEM1\BNA F\Data\BF033117\
 Data File : BF094090.D
 Acq On : 31 Mar 2017 12:15
 Operator : SJ/MA
 Sample : I2384-03MSD
 Misc :
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Instrument :
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Quant Time: Mar 31 14:45:25 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	335189	50.04	nq	99
43) 2,4,5-Trichlorophenol	8.69	196	327008	45.12	nq	95
45) 1,1'-Biphenyl	8.85	154	1263736	45.27	nq	98
46) 2-Chloronaphthalene	8.87	162	990984	45.35	nq	95
47) 2-Nitroaniline	9.00	65	288192	44.46	nq	# 84
48) Acenaphthylene	9.37	152	1560293	42.97	nq	99
49) Dimethylphthalate	9.24	163	1170414	47.58	nq	100
50) 2,6-Dinitrotoluene	9.30	165	266837	47.32	nq	90
51) Acenaphthene	9.59	154	946790	44.68	nq	98
52) 3-Nitroaniline	9.50	138	49291	7.44	nq	92
53) 2,4-Dinitrophenol	9.64	184	213556	71.31	nq	# 70
54) Dibenzofuran	9.80	168	1357202	47.05	nq	99
55) 4-Nitrophenol	9.75	139	374814	72.28	nq	# 67
56) 2,4-Dinitrotoluene	9.80	165	325594	45.96	nq	# 67
57) Fluorene	10.22	166	1023863	42.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	250094	50.29	nq	97
59) Diethylphthalate	10.11	149	1129055	46.44	nq	99
60) 4-Chlorophenyl-phenylether	10.23	204	437081	42.89	nq	94
61) 4-Nitroaniline	10.26	138	180075	28.34	nq	92
62) Azobenzene	10.43	77	1045585	45.46	nq	94
64) 4,6-Dinitro-2-methylphenol	10.30	198	160771	44.52	nq	# 63
65) n-Nitrosodiphenylamine	10.38	169	612256	30.02	nq	97
66) 4-Bromophenyl-phenylether	10.83	248	276020	47.59	nq	95
67) Hexachlorobenzene	10.90	284	283484	48.28	nq	# 93
68) Atrazine	11.05	200	87313	14.29	nq	96
69) Pentachlorophenol	11.15	266	288022	78.82	nq	99
70) Phenanthrene	11.40	178	1496769	45.63	nq	100
71) Anthracene	11.47	178	1527106	45.21	nq	98
72) Carbazole	11.66	167	855071	24.69	nq	98
73) Di-n-butylphthalate	12.12	149	1716015	47.64	nq	99
74) Fluoranthene	12.87	202	1506864	44.86	nq	99
77) Pyrene	13.14	202	1482631	47.86	nq	99
79) Butylbenzylphthalate	13.96	149	701094	53.11	nq	# 84
80) Benzo(a)anthracene	14.62	228	1150319	46.21	nq	98
81) 3,3'-Dichlorobenzidine	14.59	252	33789	3.80	nq	# 94
82) Chrysene	14.66	228	1006840	43.59	nq	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	946202	52.54	nq	# 98
84) Di-n-octyl phthalate	15.43	149	1524169	50.66	nq	98
85) Indeno(1,2,3-cd)pyrene	17.61	276	858784	42.93	nq	100
87) Benzo(b)fluoranthene	15.84	252	893956	72.04	nq	98
88) Benzo(k)fluoranthene	15.84	252	893956	73.63	nq	97
89) Benzo(a)pyrene	16.20	252	749519	65.59	nq	100
90) Dibenzo(a,h)anthracene	17.63	278	732062	75.65	nq	97
91) Benzo(g,h,i)perylene	18.00	276	706353	72.43	nq	98

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

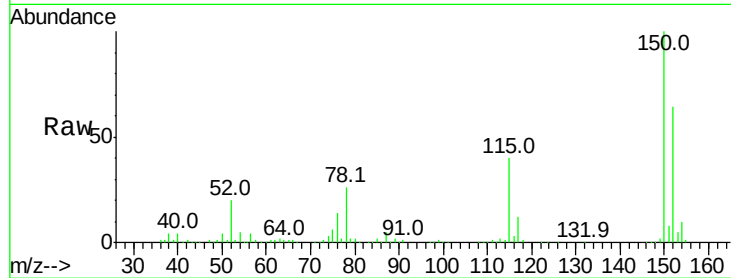


#1

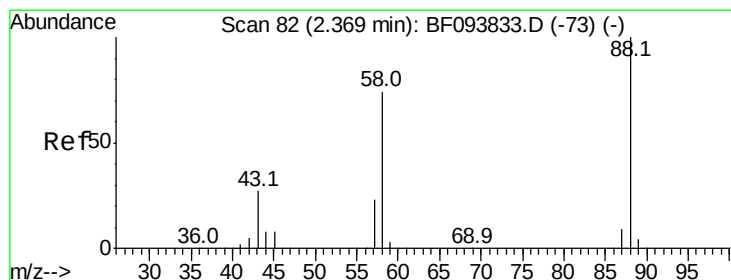
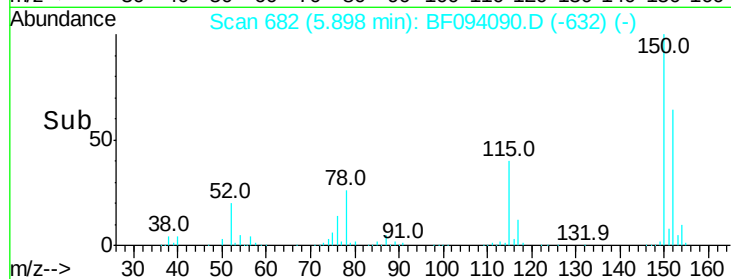
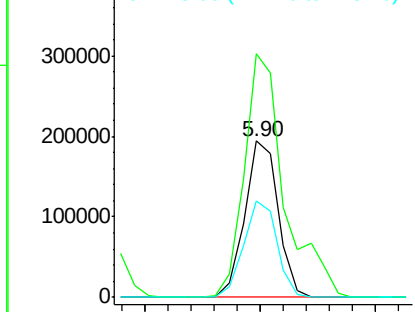
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

Tot Ion:152 Resp: 195734
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 61.7 52.2 78.2



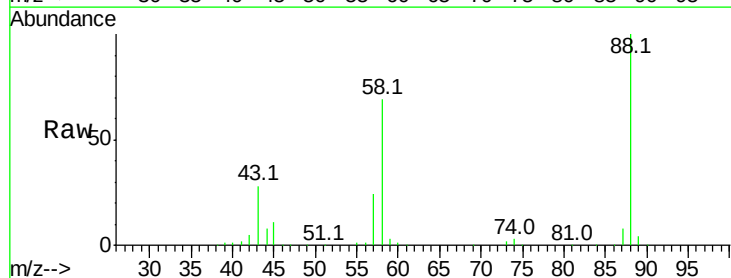
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



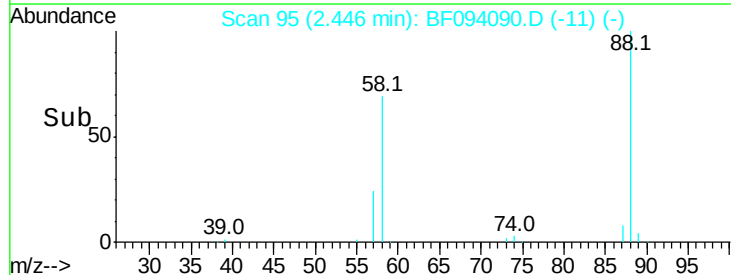
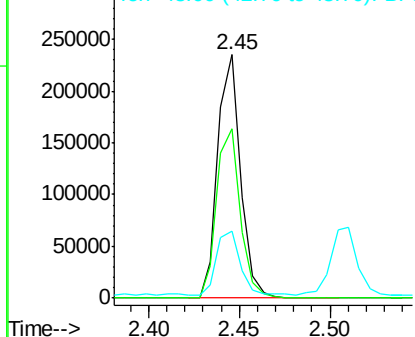
#2

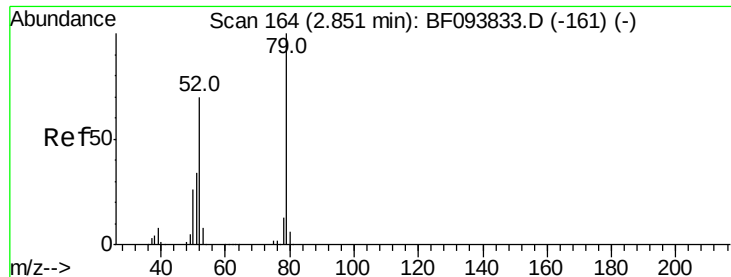
1,4-Dioxane
Concen: 37.02 ng
RT: 2.45 min Scan# 95
Delta R.T. 0.19 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion: 88 Resp: 206135
Ion Ratio Lower Upper
88 100
58 72.2 61.4 92.0
43 0.0 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: 32.09 ng

RT: 2.88 min Scan# 169

Delta R.T. 0.14 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

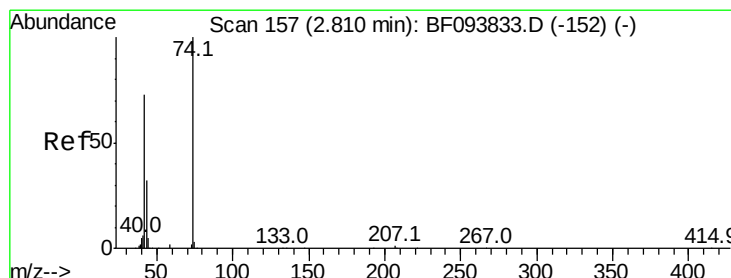
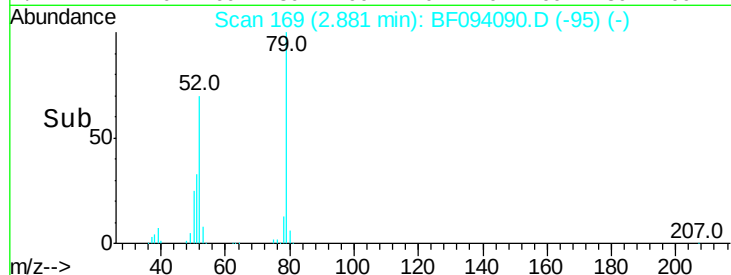
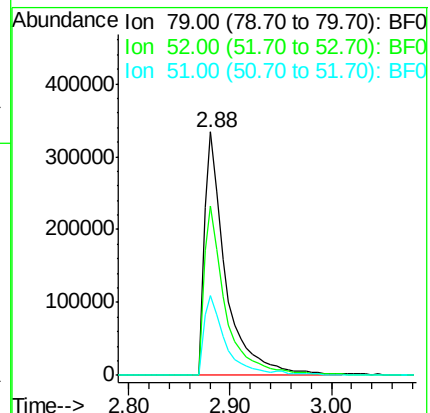
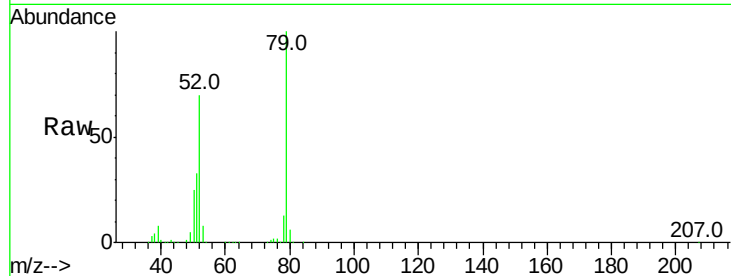
Tot Ion: 79 Resp: 486978

Ion Ratio Lower Upper

79 100

52 69.5 54.8 82.2

51 32.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 42.46 ng

RT: 2.82 min Scan# 159

Delta R.T. 0.11 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

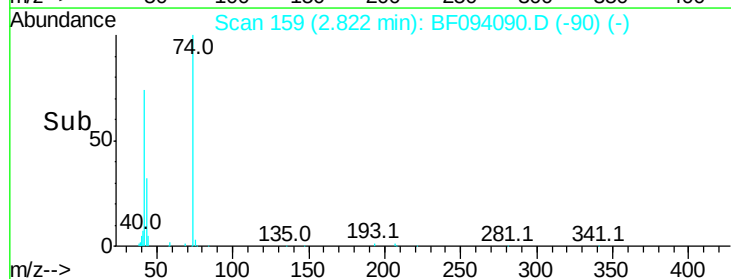
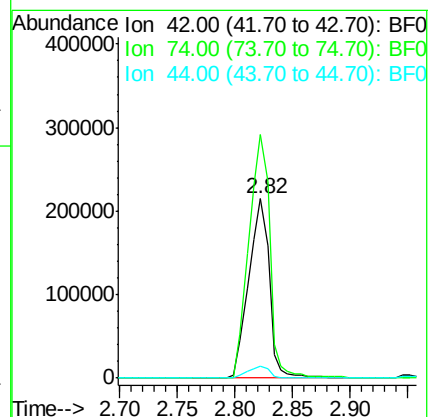
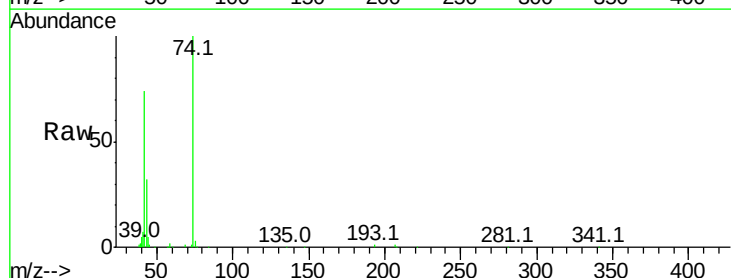
Tgt Ion: 42 Resp: 265073

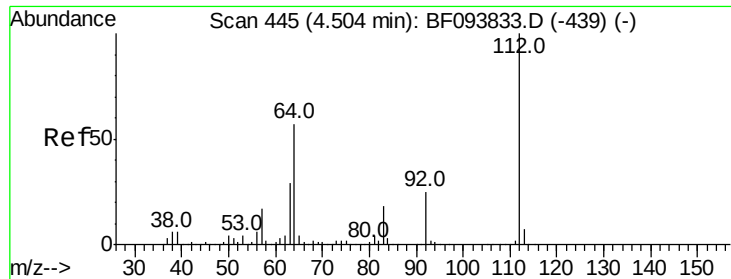
Ion Ratio Lower Upper

42 100

74 135.8 103.9 155.9

44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 118.13 ng

RT: 4.46 min Scan# 438

Delta R.T. 0.03 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

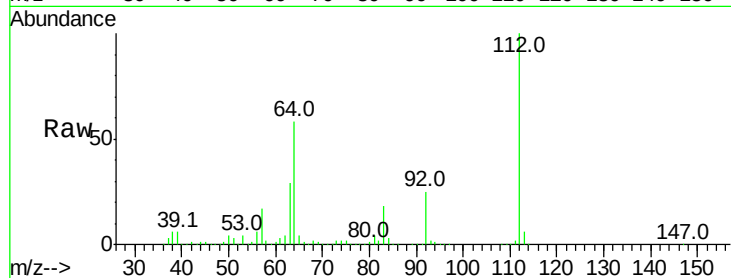
Tot Ion:112 Resp: 1368990

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

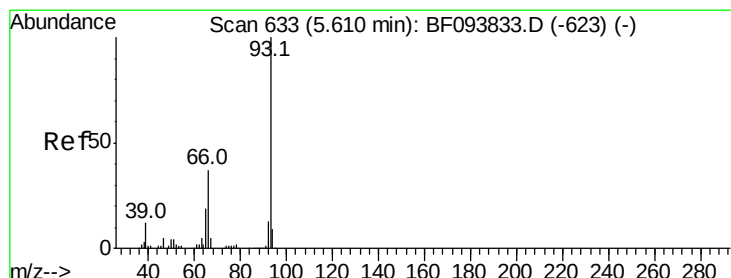
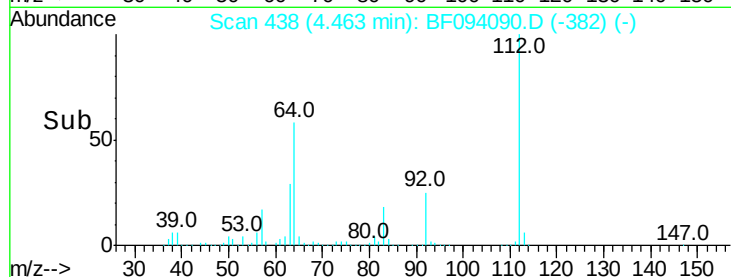
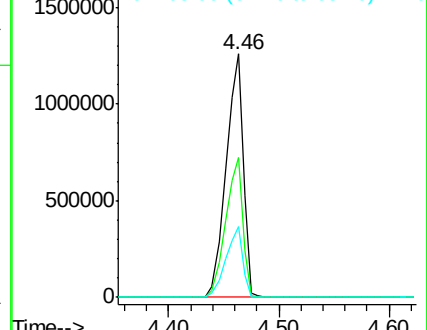
63 29.1 23.4 35.0



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: 5.00 ng

RT: 5.53 min Scan# 620

Delta R.T. 0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

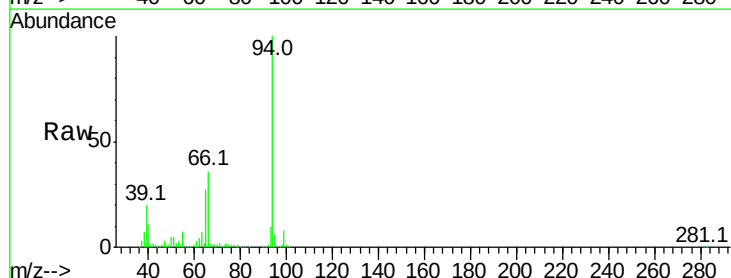
Tgt Ion: 93 Resp: 99633

Ion Ratio Lower Upper

93 100

66 368.2 32.9 49.3#

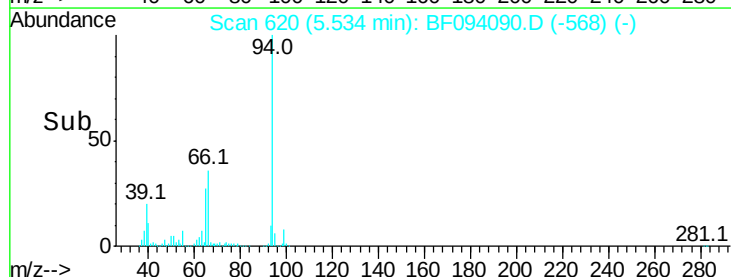
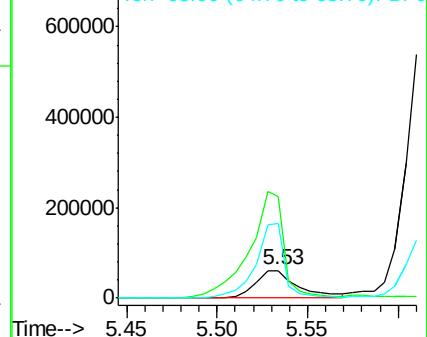
65 270.0 16.0 24.0#

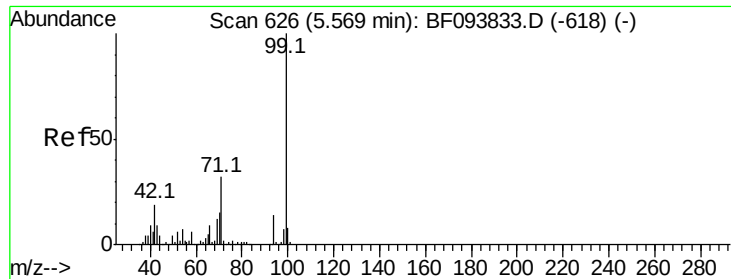


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.77 ng

RT: 5.52 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

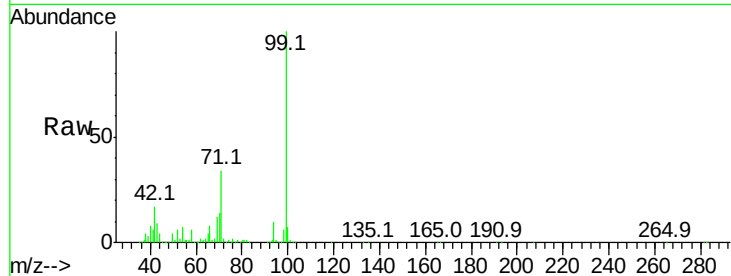
Tot Ion: 99 Resp: 1674011

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

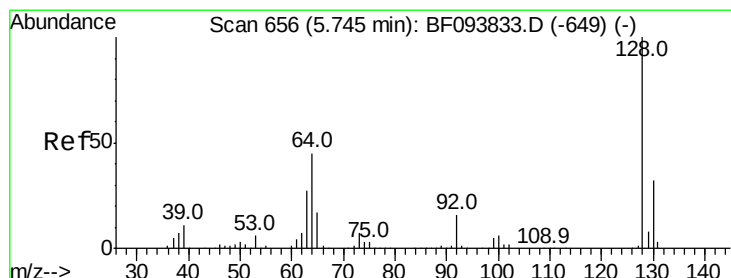
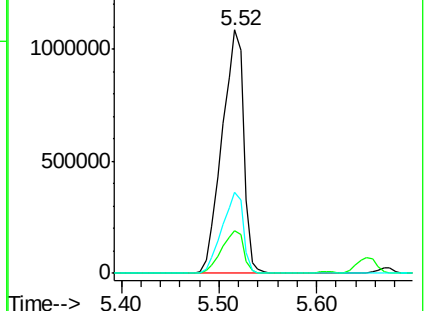
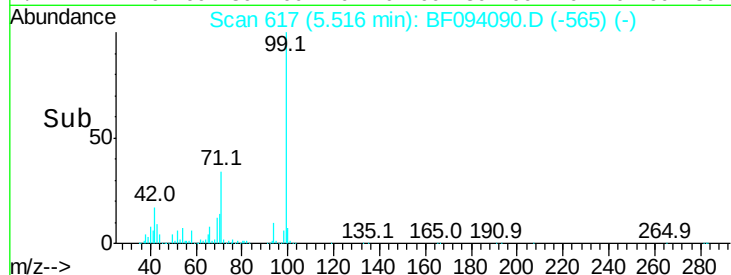
71 33.5 24.5 36.7



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: 43.83 ng

RT: 5.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

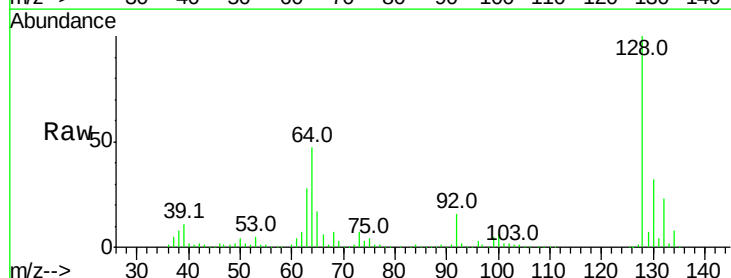
Tgt Ion:128 Resp: 558270

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

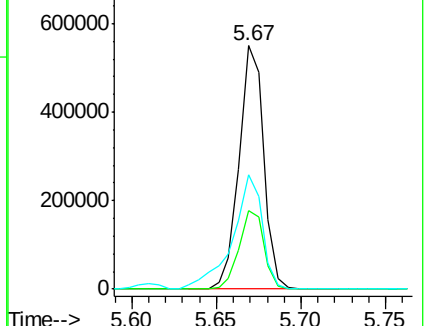
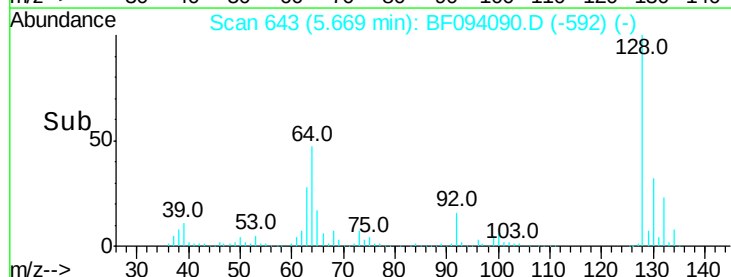
64 47.0 28.4 68.4

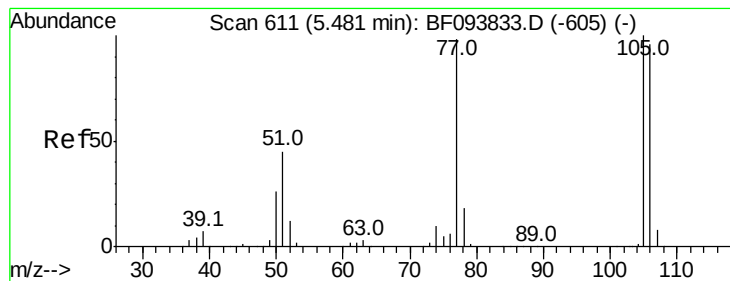


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.70 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

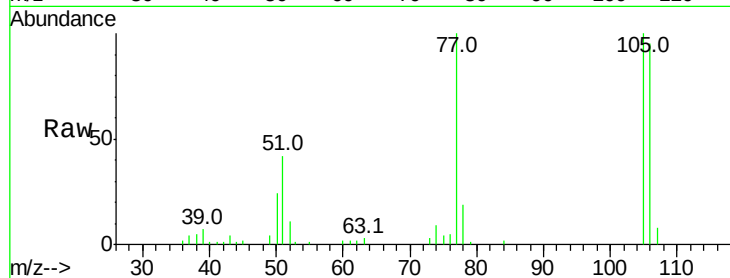
Tot Ion: 77 Resp: 35826

Ion Ratio Lower Upper

77 100

105 99.9 83.8 123.8

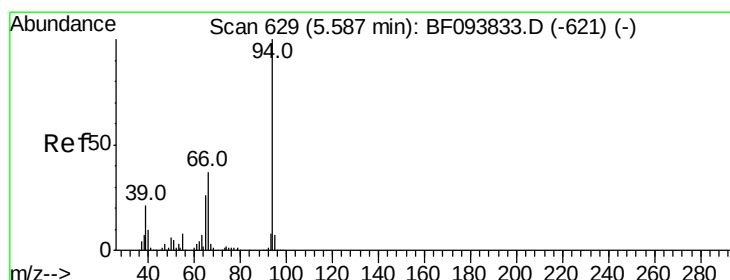
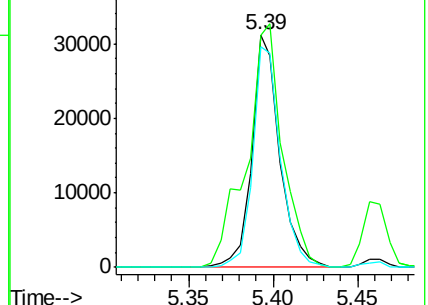
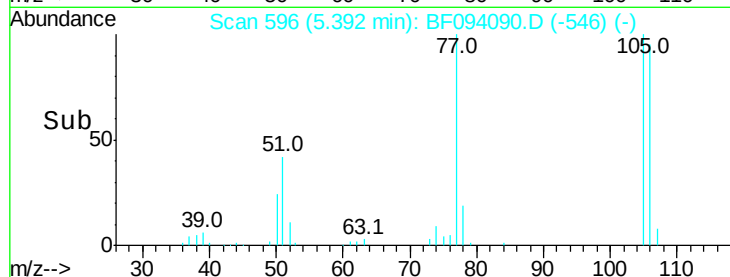
106 95.0 79.1 119.1



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: 36.57 ng

RT: 5.53 min Scan# 620

Delta R.T. 0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

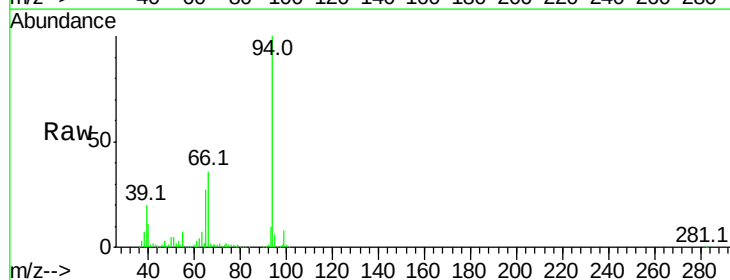
Tgt Ion: 94 Resp: 596651

Ion Ratio Lower Upper

94 100

65 26.8 9.9 49.9

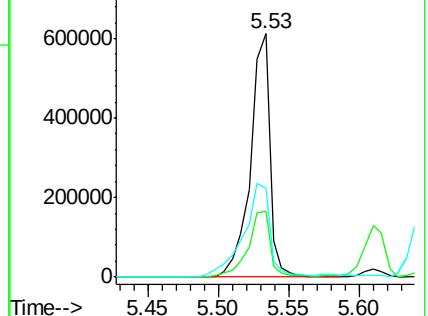
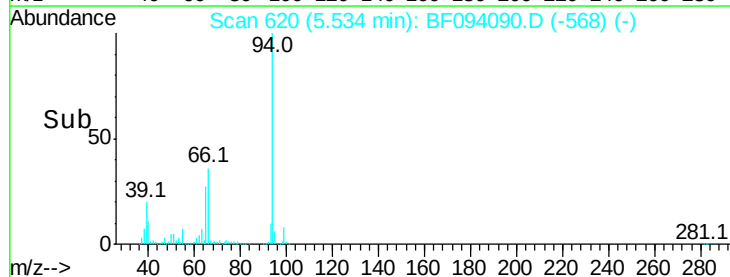
66 36.5 23.1 63.1

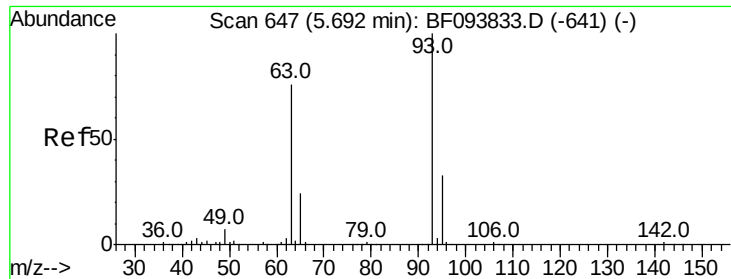


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.45 ng

RT: 5.61 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

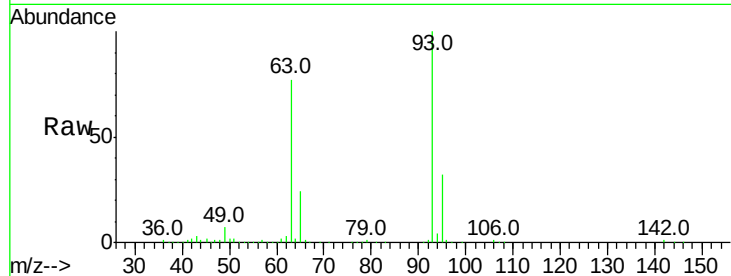
Tot Ion: 93 Resp: 566665

Ion Ratio Lower Upper

93 100

63 76.9 59.2 99.2

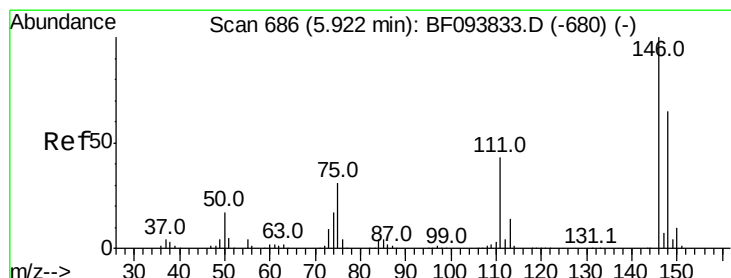
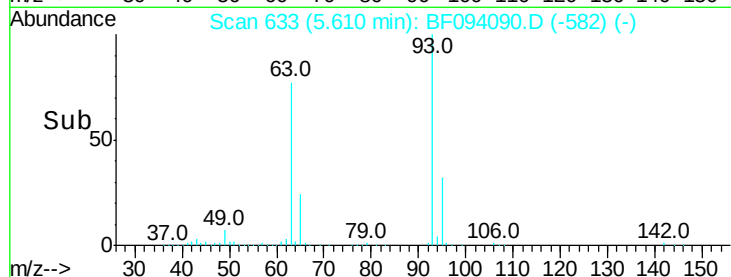
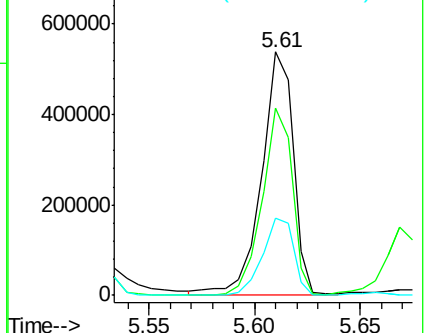
95 31.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.47 ng

RT: 5.83 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

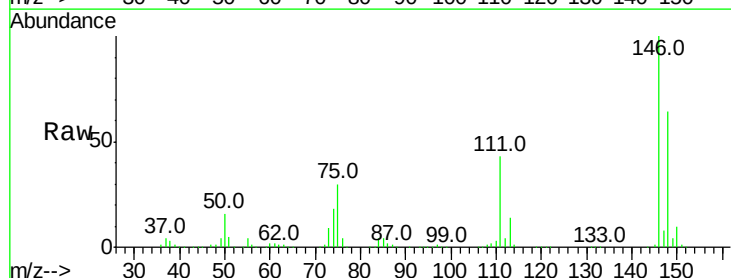
Tgt Ion: 146 Resp: 578226

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

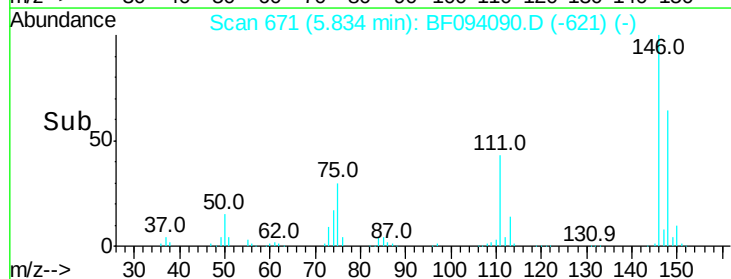
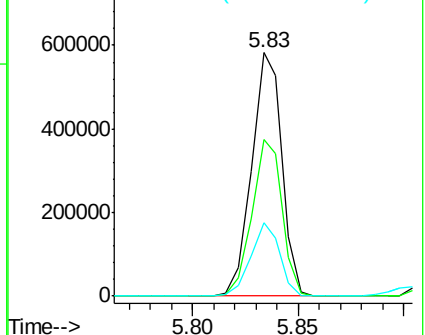
75 30.3 23.1 34.7

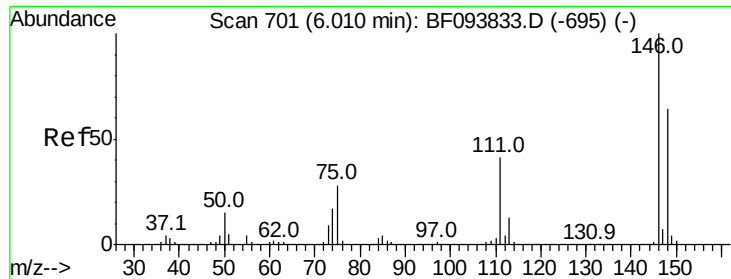


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

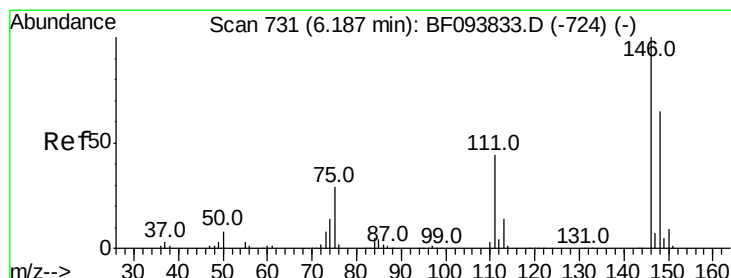
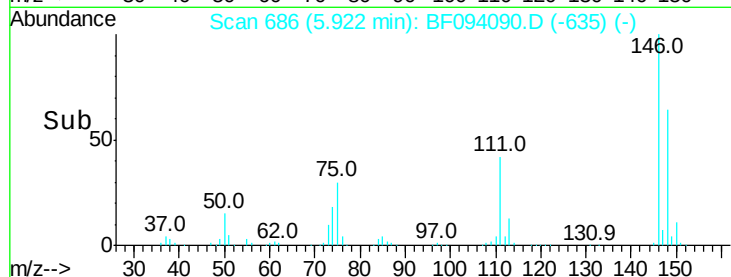
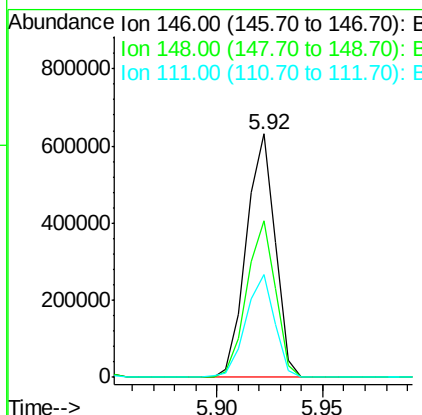
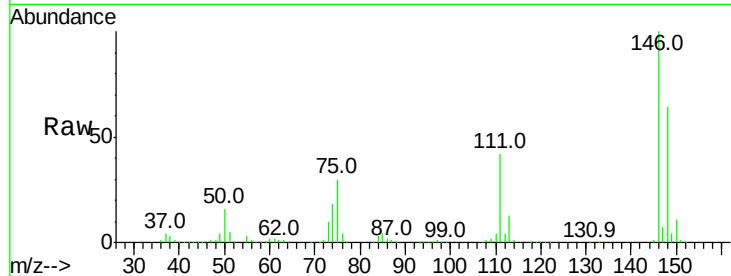




#13
 1,4-Dichlorobenzene
 Concen: 41.28 ng
 RT: 5.92 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

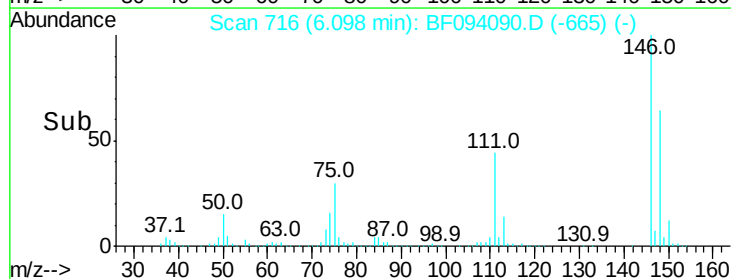
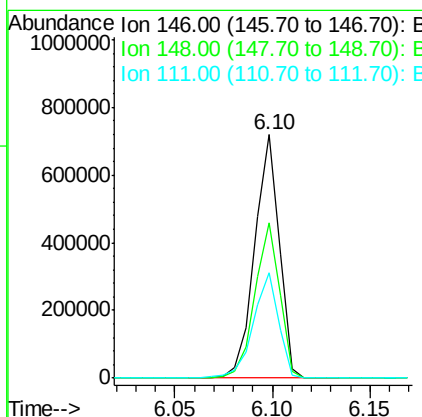
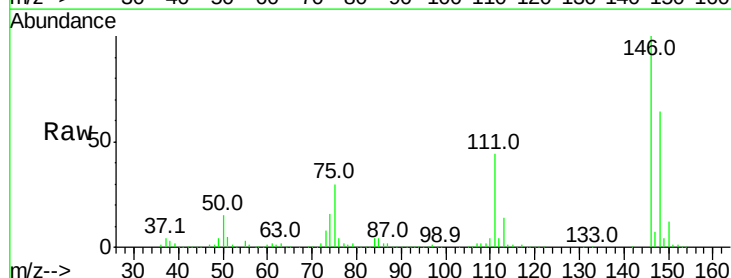
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

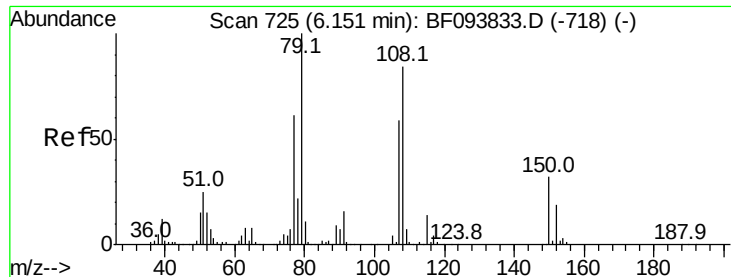
Tot Ion:146 Resp: 597327
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 42.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 47.16 ng
 RT: 6.10 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Tgt Ion:146 Resp: 628454
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 43.5 38.2 57.4





#15

Benzyl Alcohol

Concen: 37.35 ng

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

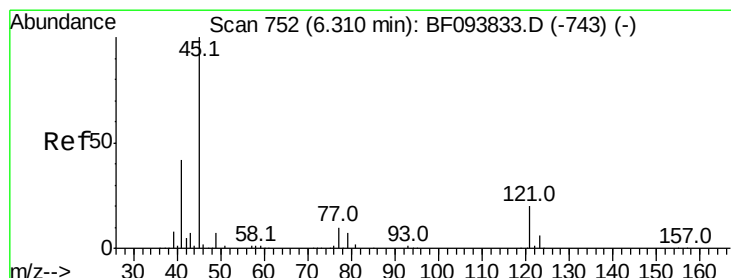
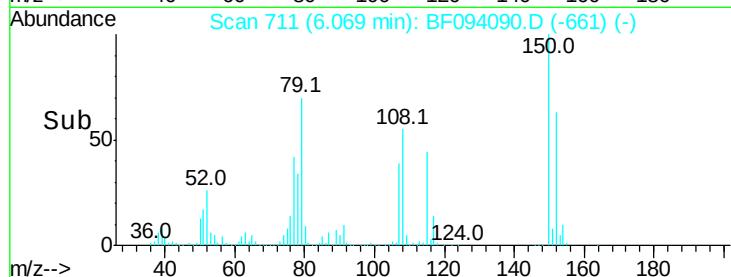
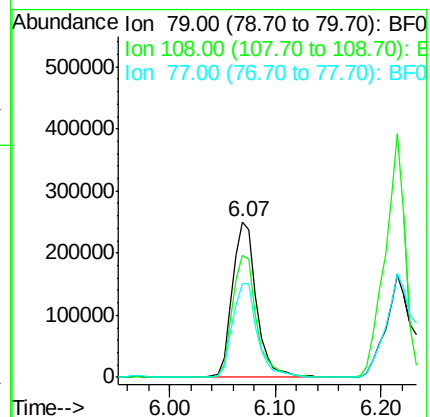
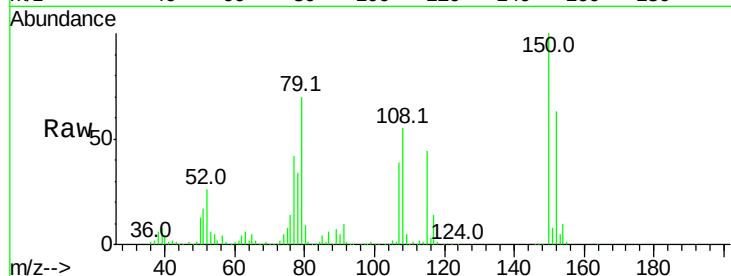
Tot Ion: 79 Resp: 391890

Ion Ratio Lower Upper

79 100

108 78.1 63.4 95.0

77 60.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.98 ng

RT: 6.23 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

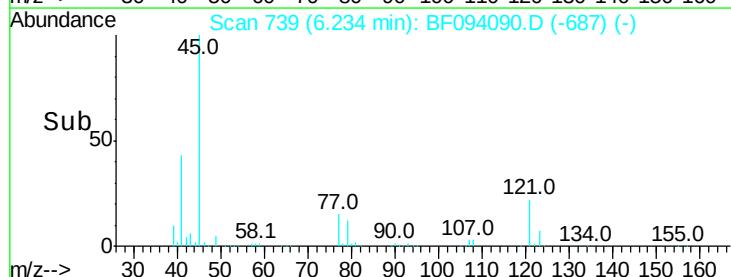
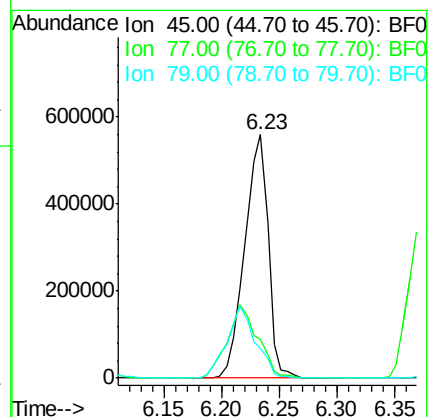
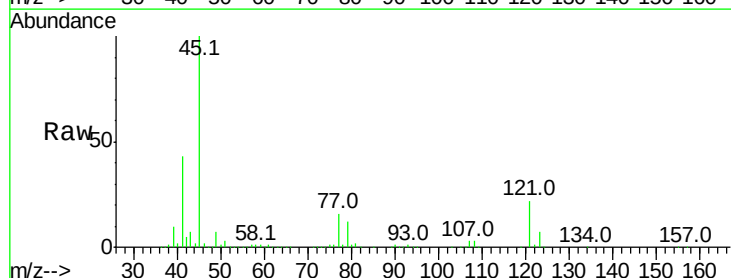
Tgt Ion: 45 Resp: 785344

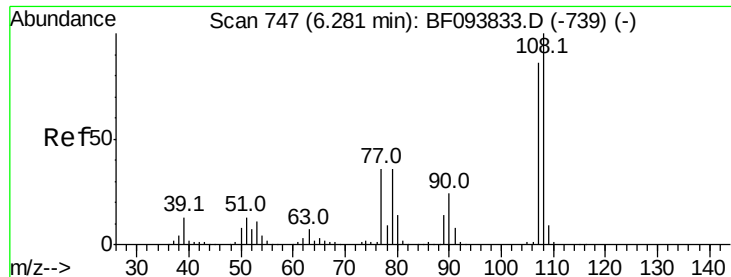
Ion Ratio Lower Upper

45 100

77 15.7 0.0 33.2

79 12.3 0.0 30.0





#17

2-Methylphenol

Concen: 43.43 ng

RT: 6.22 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

Tot Ion:107 Resp: 473732

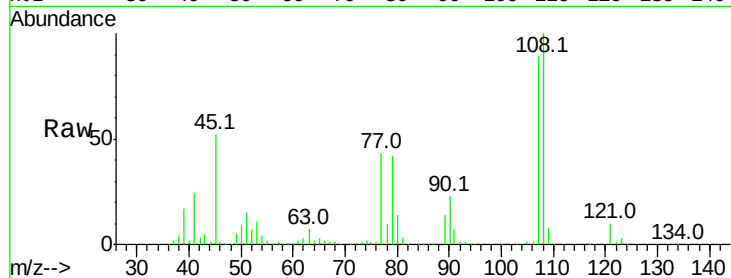
Ion Ratio Lower Upper

107 100

108 112.6 93.4 140.0

77 48.4 35.8 53.6

79 47.5 34.8 52.2

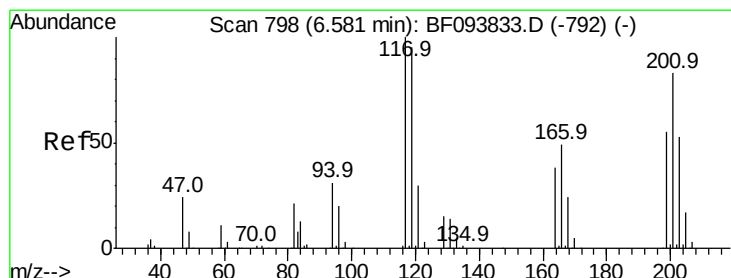
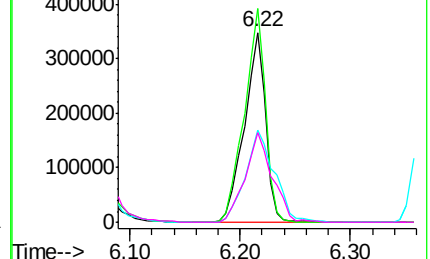
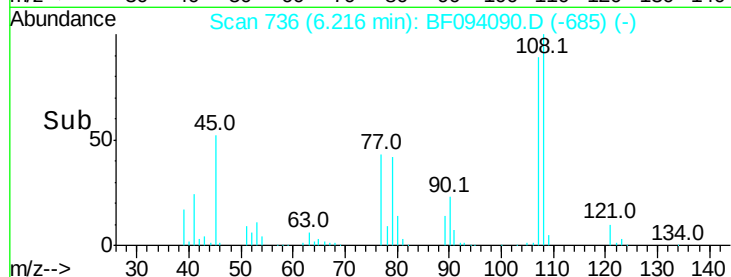


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.76 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

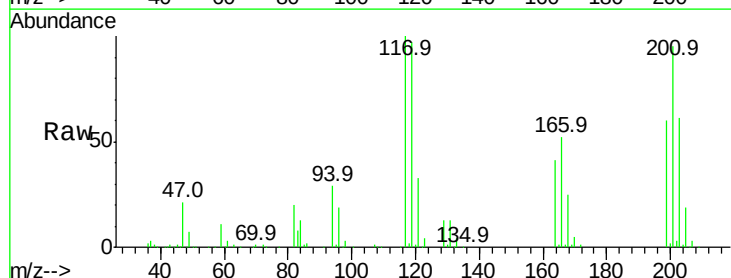
Tgt Ion:117 Resp: 207308

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.0

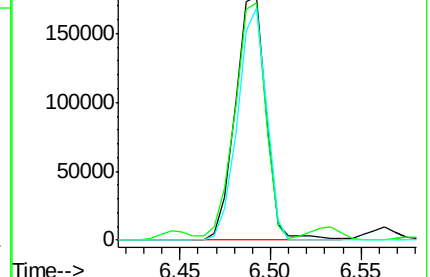
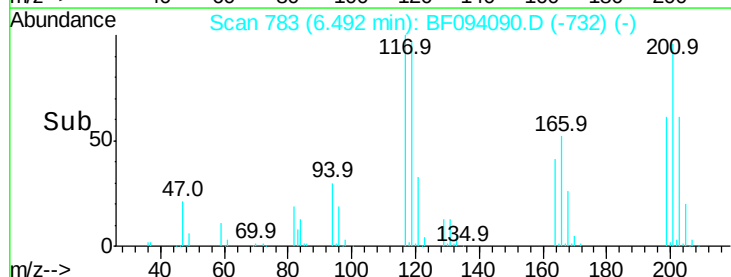
201 95.3 94.6 141.8

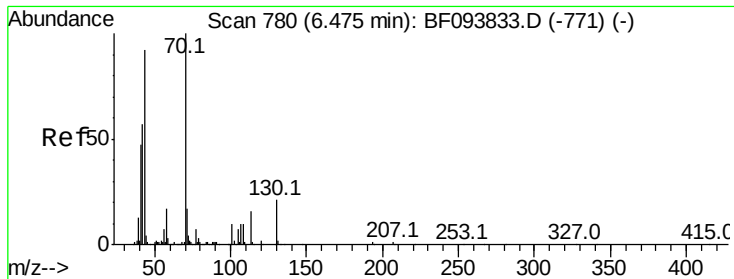


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

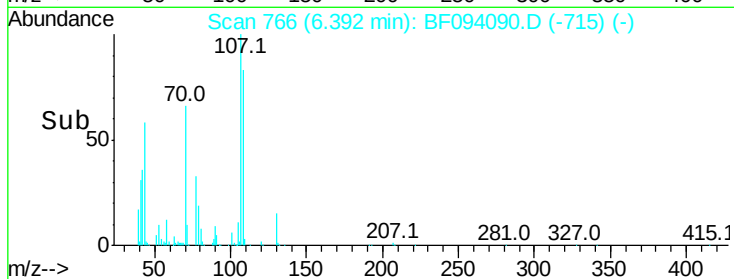
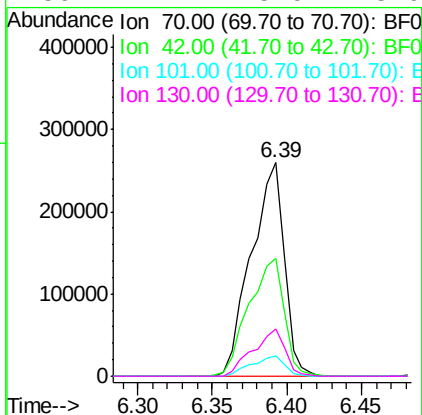
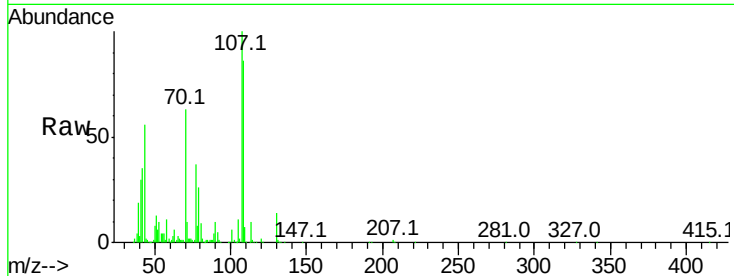




#19
n-Nitroso-di-n-propylamine
Concen: 43.08 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

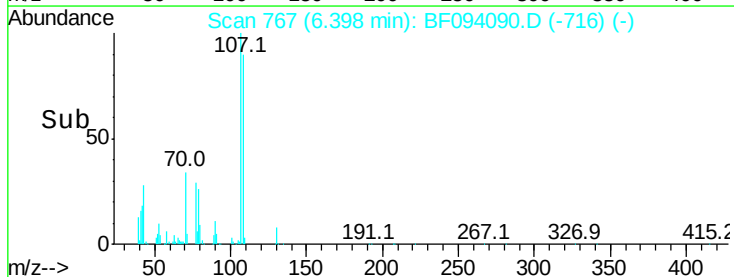
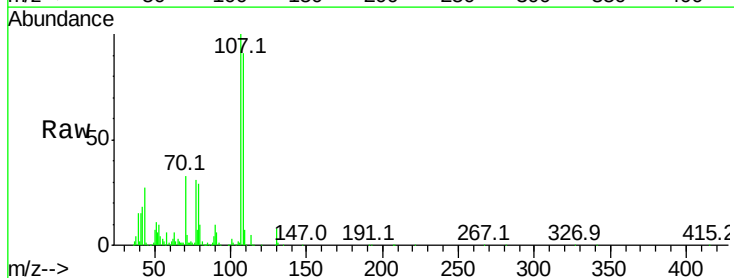
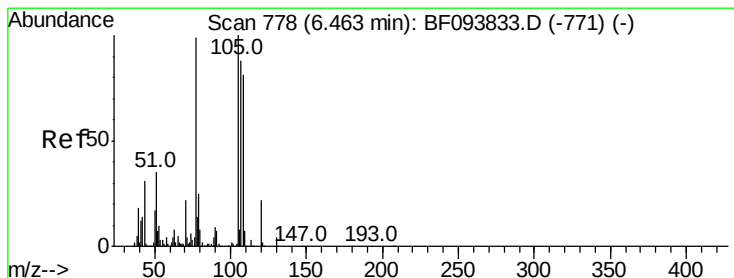
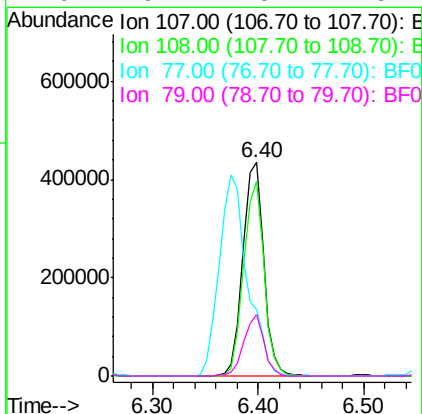
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

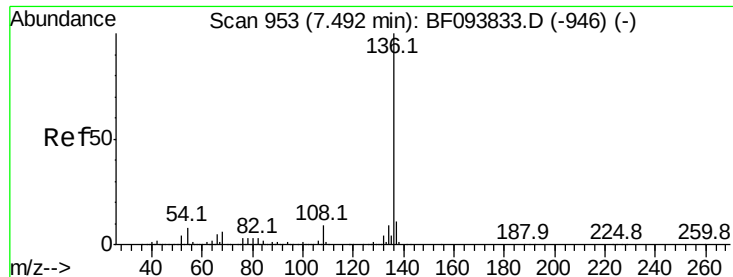
Tot Ion: 70 Resp: 396945
Ion Ratio Lower Upper
70 100
42 55.1 47.2 70.8
101 9.4 7.2 10.8
130 22.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.31 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion: 107 Resp: 598618
Ion Ratio Lower Upper
107 100
108 91.4 71.0 111.0
77 31.0 90.5 130.5#
79 28.7 8.4 48.4

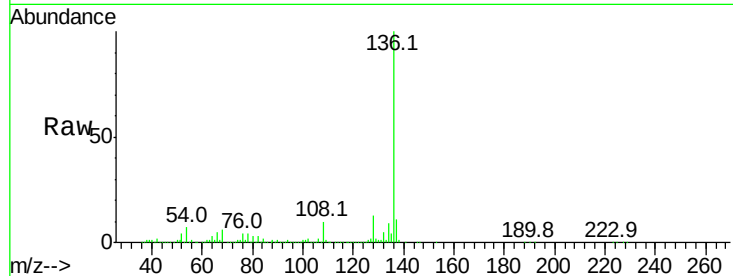




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

Tot Ion:	136	Resp:	772524
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.3	4.9	7.3
68	6.0	4.1	6.1

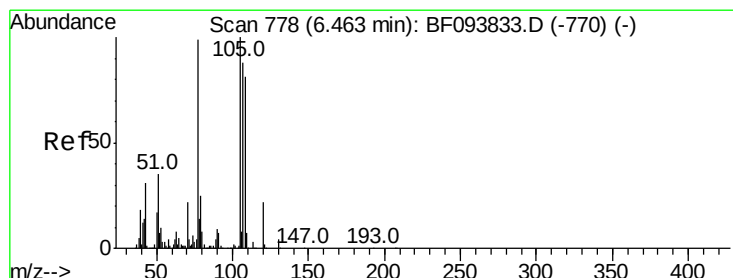
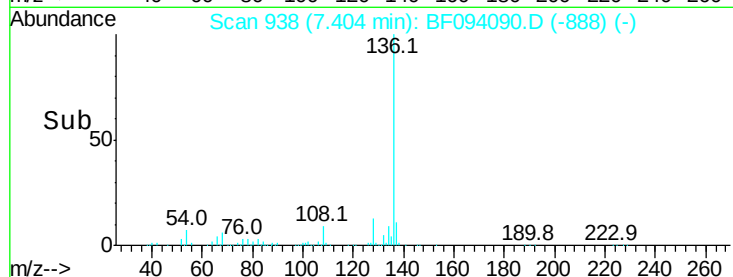
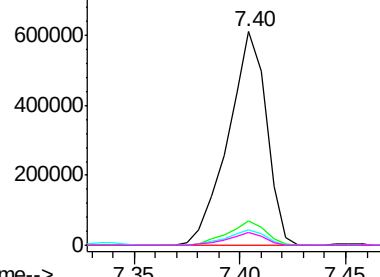


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

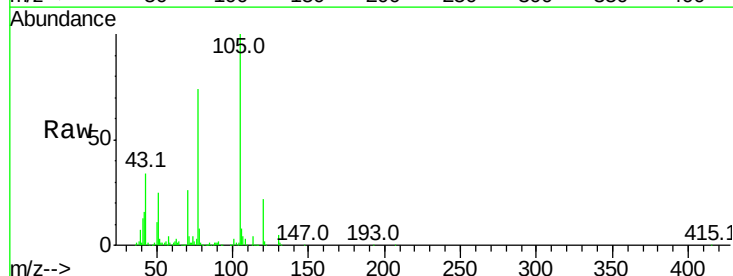
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 47.16 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion:	105	Resp:	812038
Ion	Ratio	Lower	Upper
105	100		
71	4.3	2.8	4.2#
51	25.0	30.7	46.1#
120	21.7	17.4	26.0

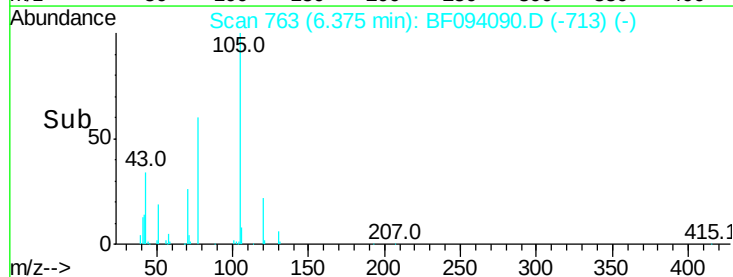
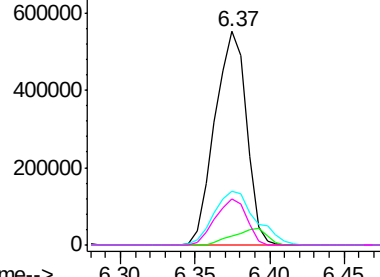


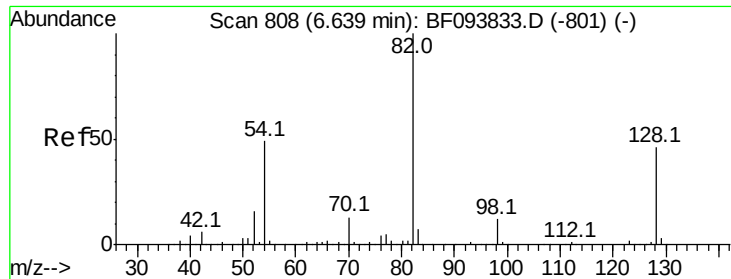
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.47 ng

RT: 6.56 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

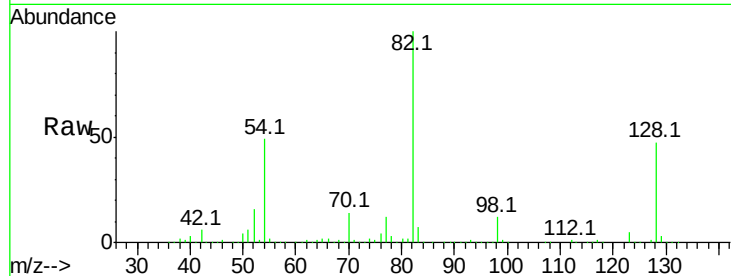
Tot Ion: 82 Resp: 1156940

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

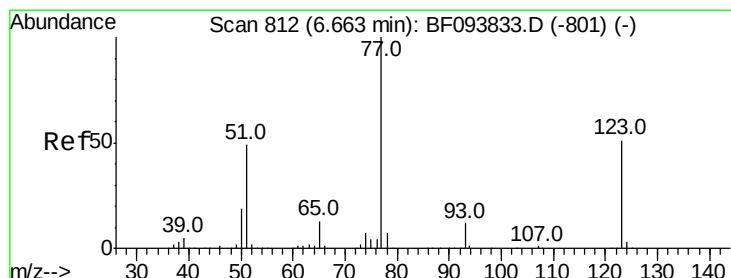
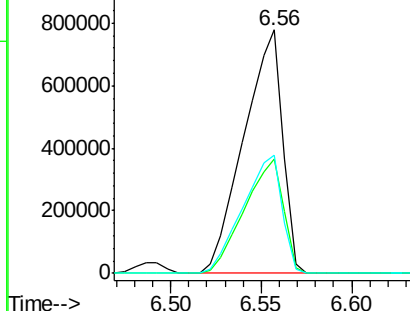
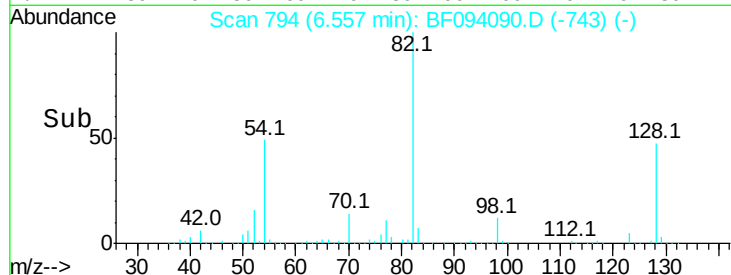
54 48.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.00 ng

RT: 6.57 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

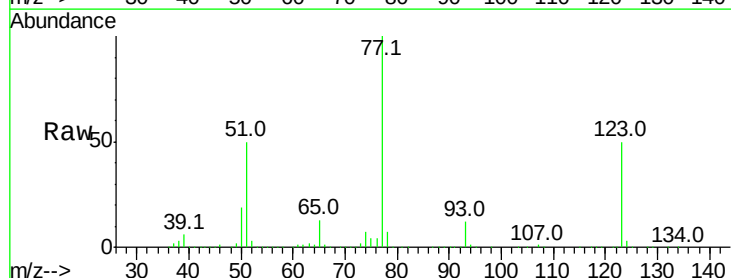
Tgt Ion: 77 Resp: 587433

Ion Ratio Lower Upper

77 100

123 50.1 35.8 53.8

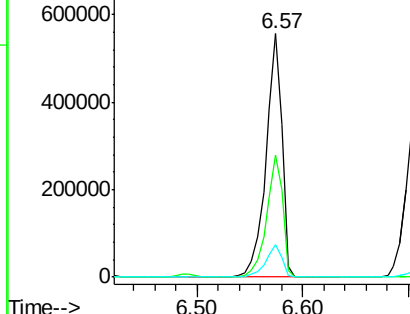
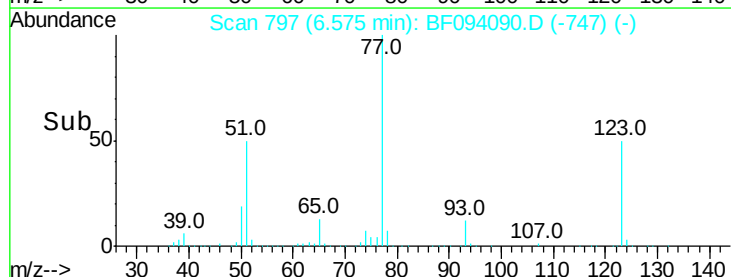
65 13.2 10.6 15.8

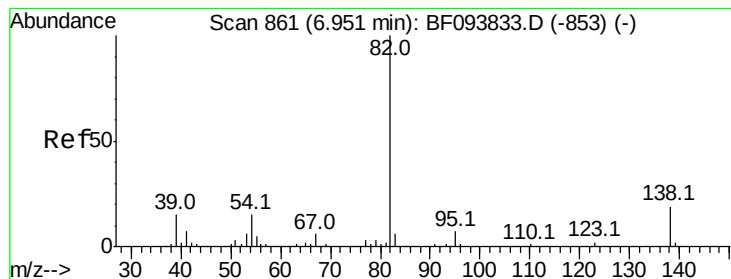


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.70 ng

RT: 6.86 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

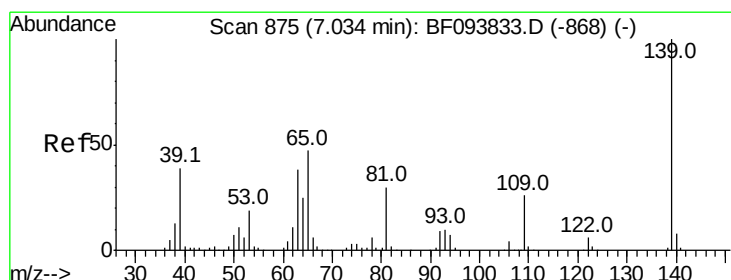
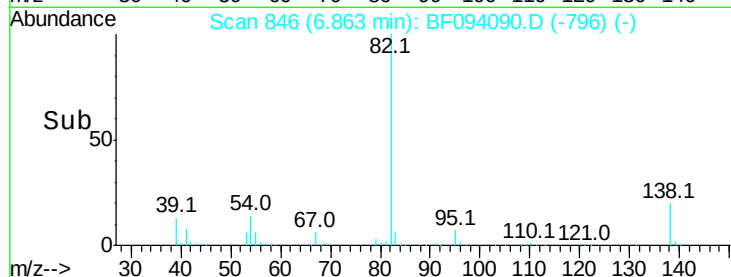
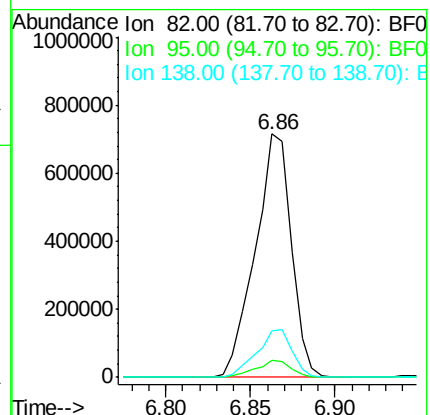
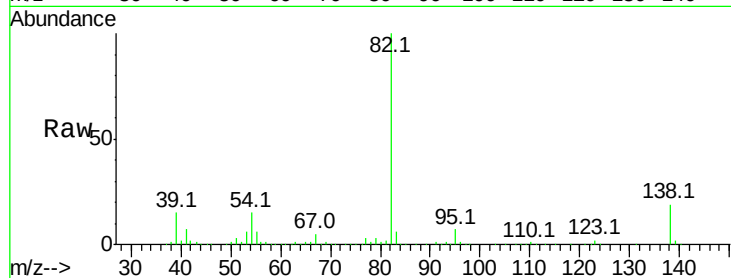
Tot Ion: 82 Resp: 1063270

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.8 13.1 19.7



#26

2-Nitrophenol

Concen: 50.33 ng

RT: 6.95 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

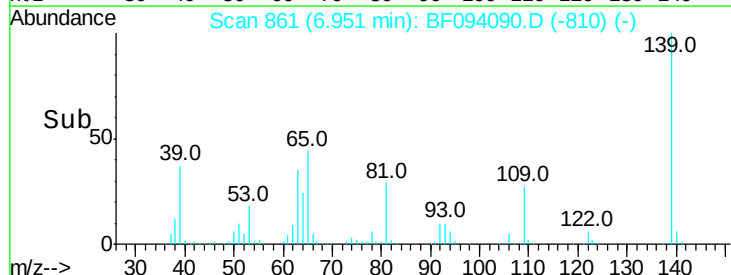
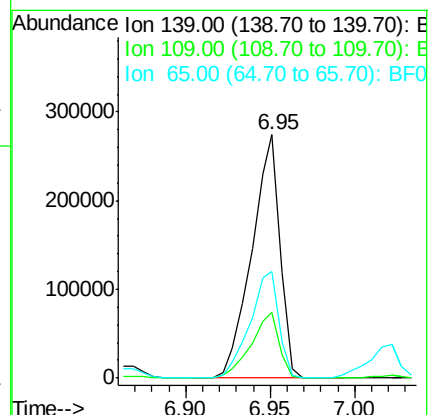
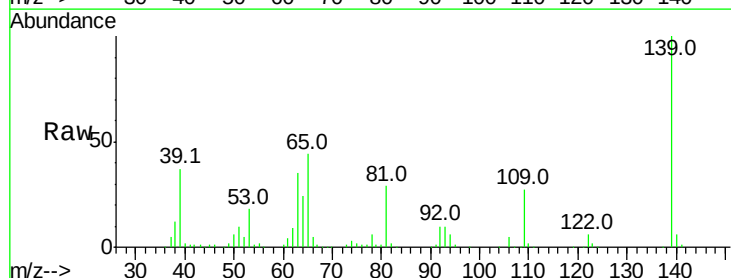
Tgt Ion:139 Resp: 320421

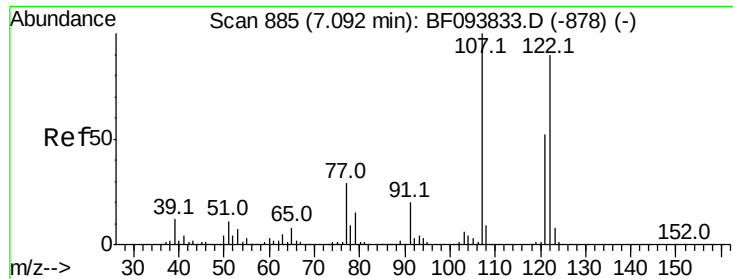
Ion Ratio Lower Upper

139 100

109 26.8 21.0 31.6

65 43.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.44 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

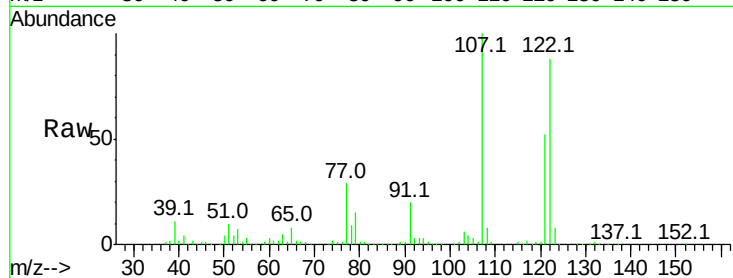
Tot Ion:122 Resp: 531446

Ion Ratio Lower Upper

122 100

107 113.2 89.2 133.8

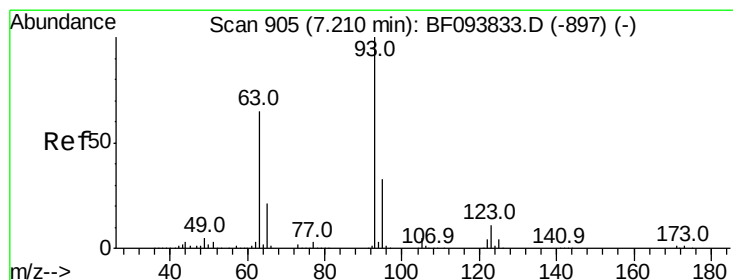
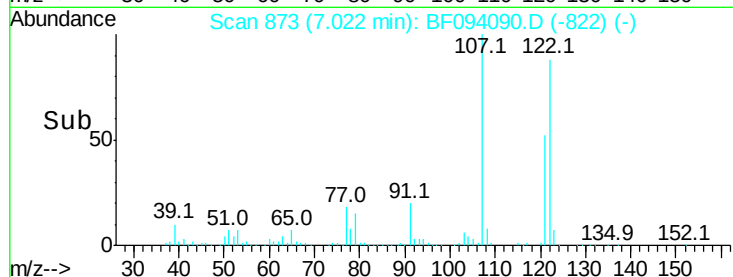
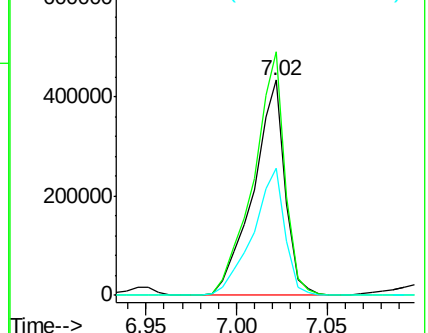
121 59.0 45.2 67.8



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: 41.93 ng

RT: 7.12 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

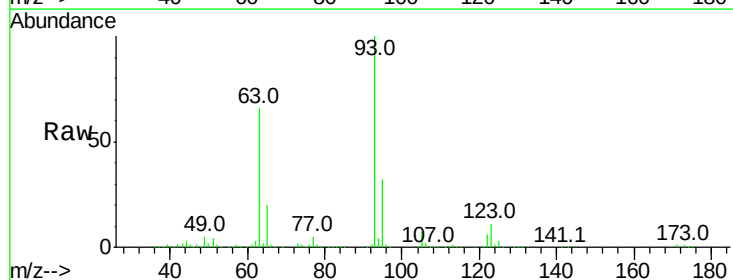
Tgt Ion: 93 Resp: 657731

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

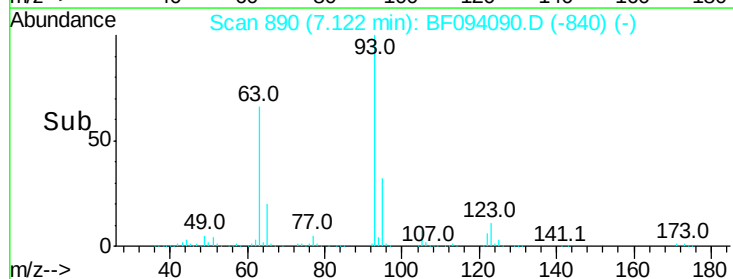
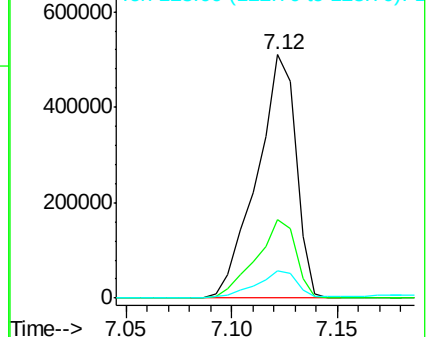
123 11.1 9.0 13.4

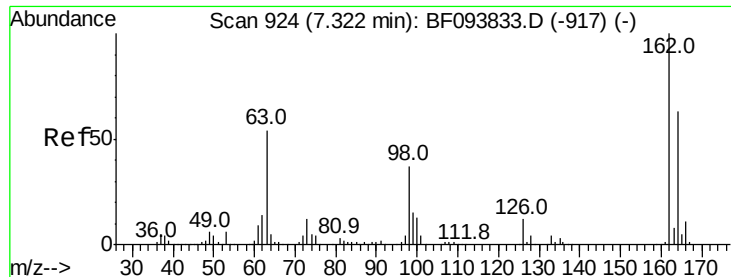


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

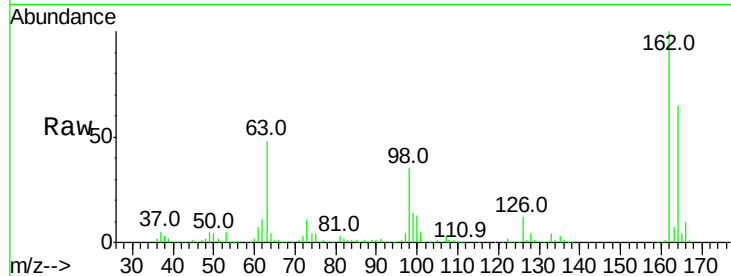




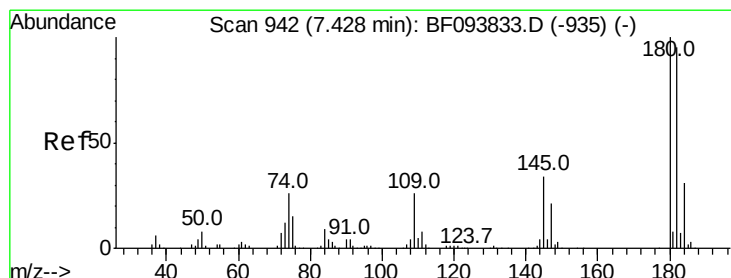
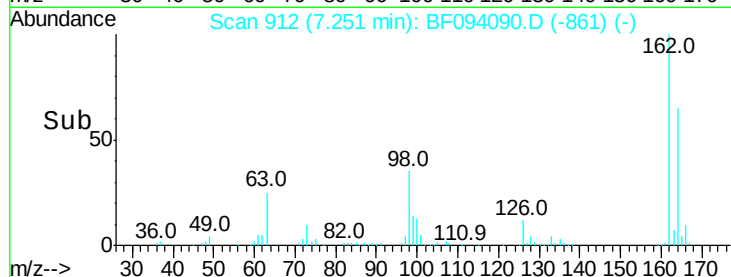
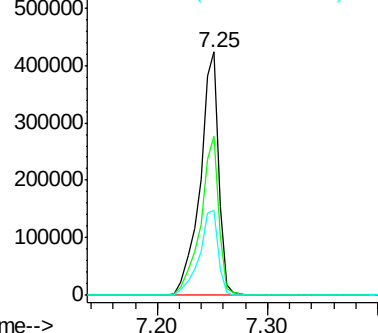
#29
 2,4-Dichlorophenol
 Concen: 48.45 ng
 RT: 7.25 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.6	84.6
98	35.0	14.8	54.8

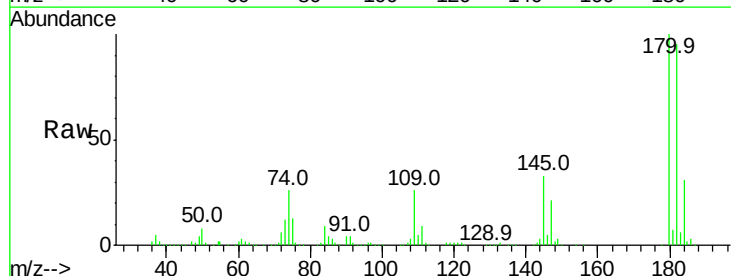


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

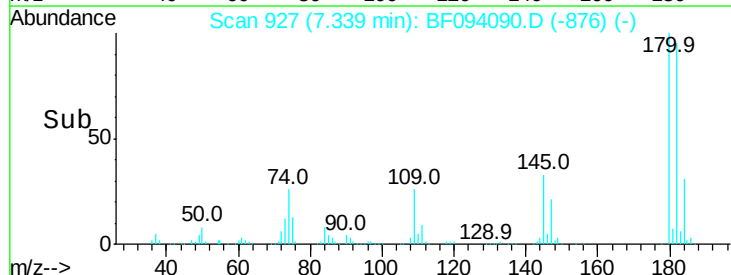
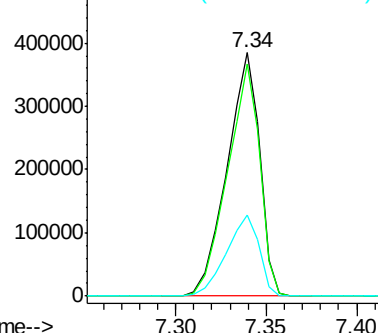


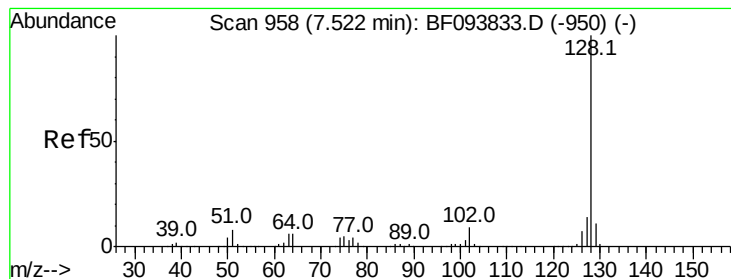
#30
 1,2,4-Trichlorobenzene
 Concen: 45.40 ng
 RT: 7.34 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	33.2	25.3	37.9



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





#31

Naphthalene

Concen: 65.67 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

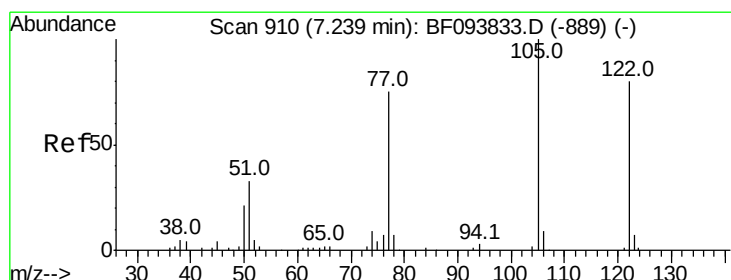
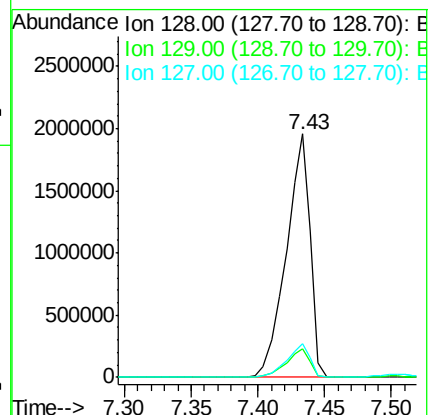
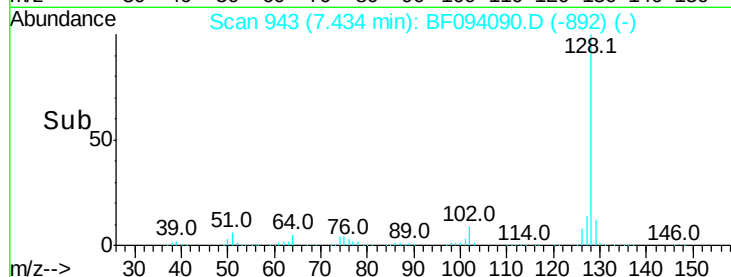
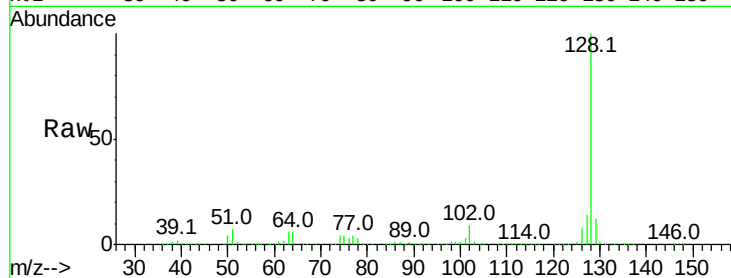
Tot Ion:128 Resp: 2439239

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

127 14.1 10.8 16.2



#32

Benzoic acid

Concen: 41.59 ng

RT: 7.18 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

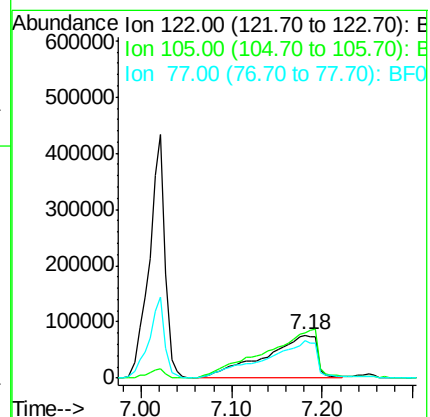
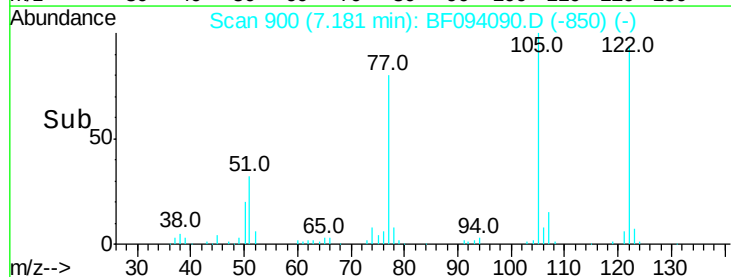
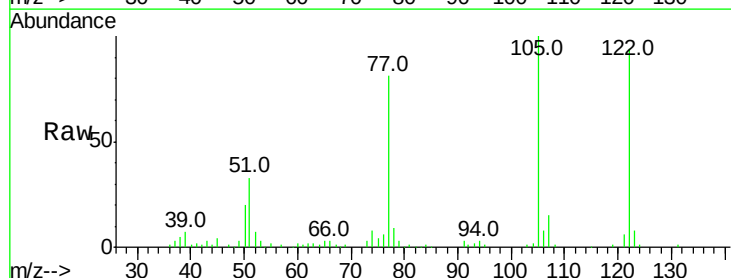
Tgt Ion:122 Resp: 303720

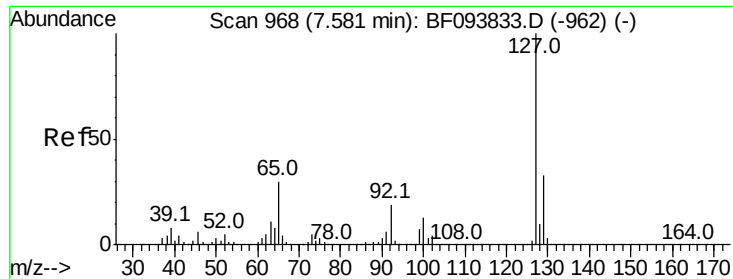
Ion Ratio Lower Upper

122 100

105 106.3 103.3 143.3

77 86.3 73.7 113.7

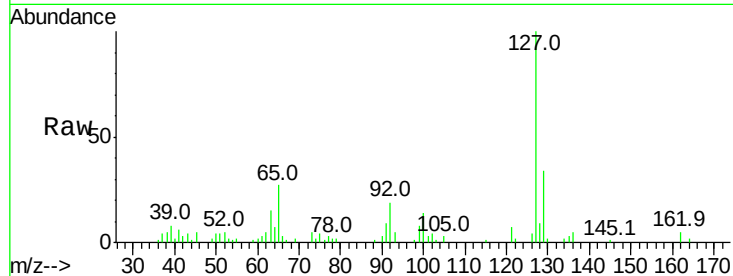




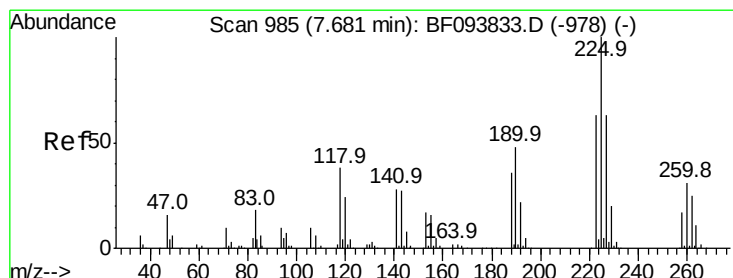
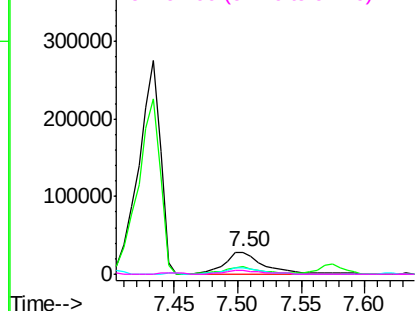
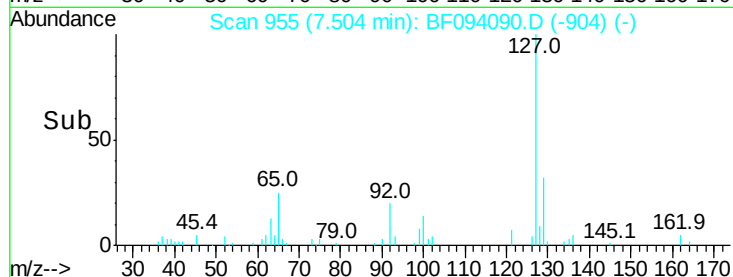
#33
4-Chloroaniline
Concen: 3.88 ng
RT: 7.50 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

Tot Ion:	127	Resp:	58424
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.2
65	27.1	27.8	41.8#
92	19.3	16.8	25.2

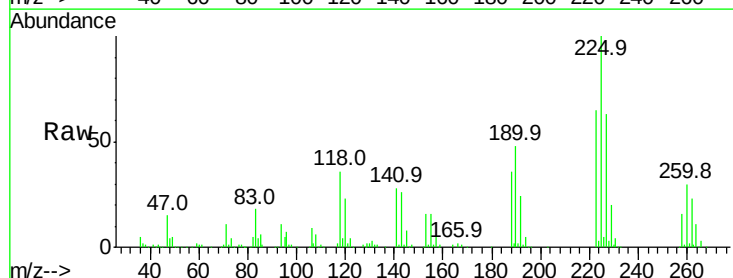


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

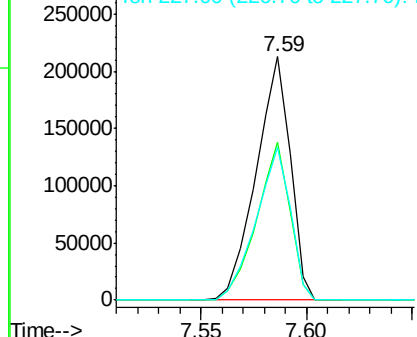
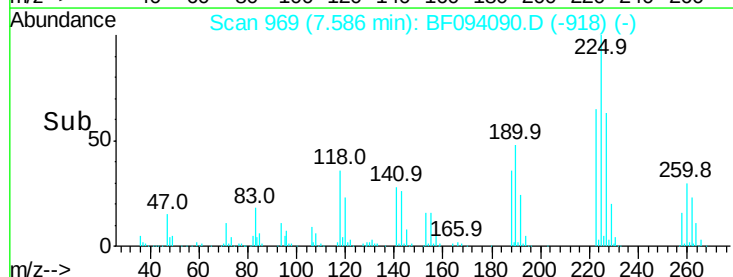


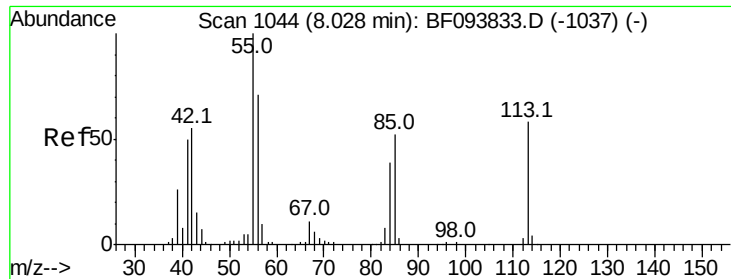
#34
Hexachlorobutadiene
Concen: 44.30 ng
RT: 7.59 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion:	225	Resp:	239987
Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.8	73.2
227	62.6	51.1	76.7



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





#35

Caprolactam

Concen: 22.18 ng

RT: 7.96 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

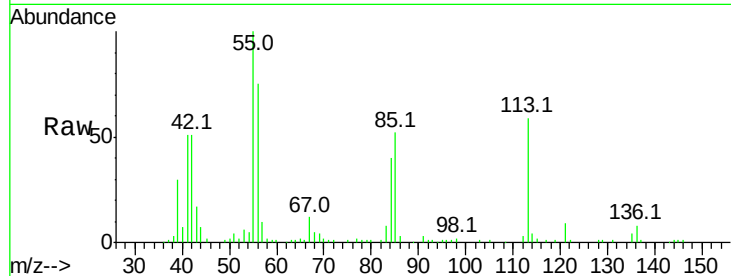
Tot Ion:113 Resp: 72546

Ion Ratio Lower Upper

113 100

55 170.2 150.2 190.2

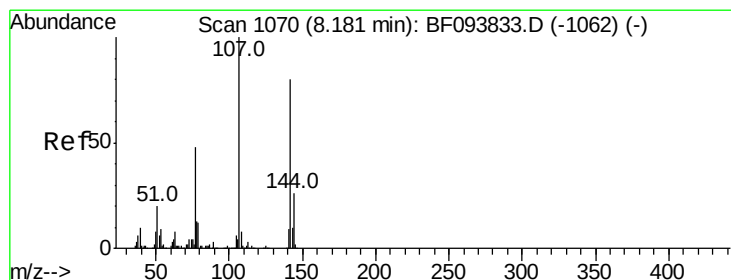
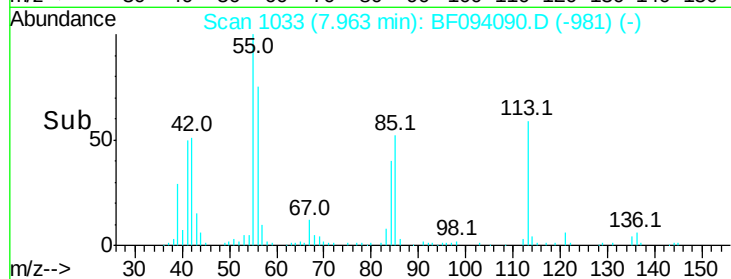
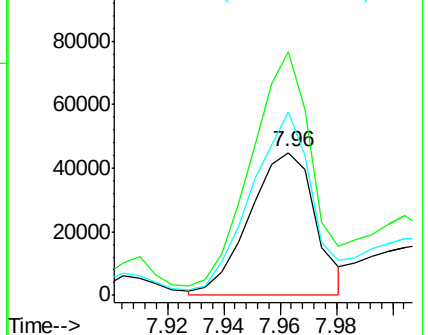
56 127.9 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.62 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

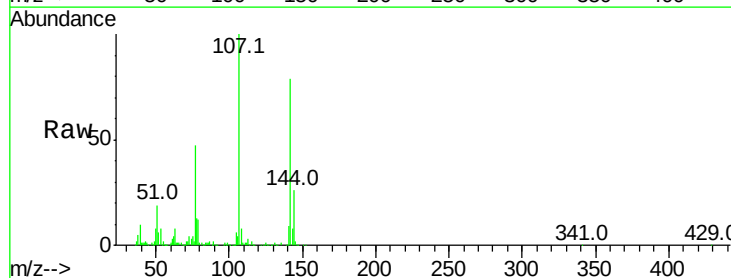
Tgt Ion:107 Resp: 510394

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

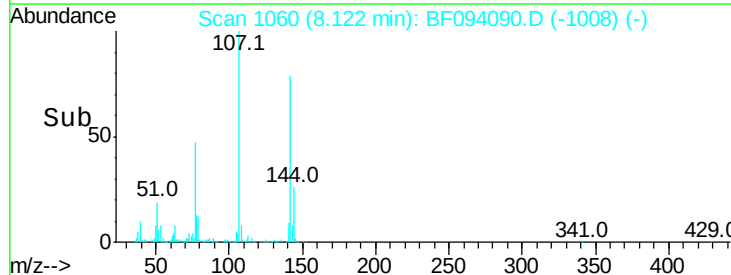
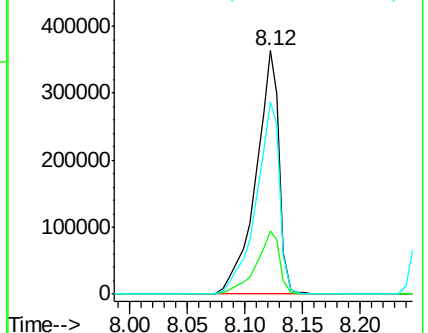
142 79.1 73.4 110.0

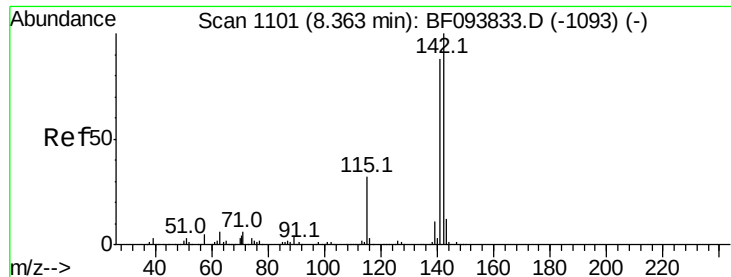


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.29 ng

RT: 8.27 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

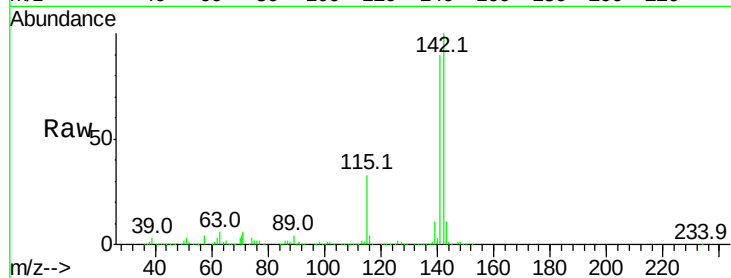
Tot Ion:142 Resp: 1319547

Ion Ratio Lower Upper

142 100

141 89.8 71.3 106.9

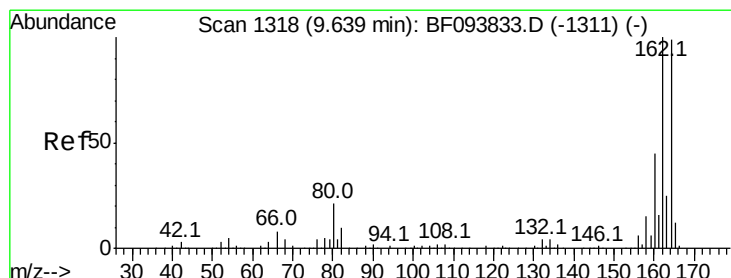
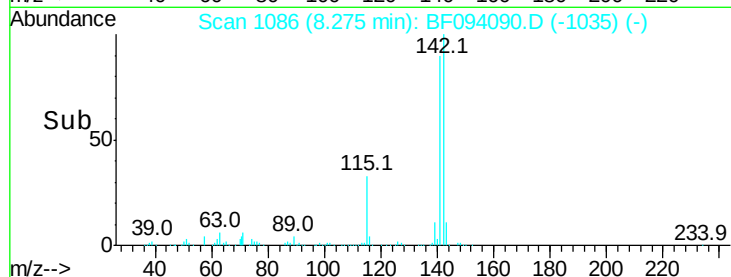
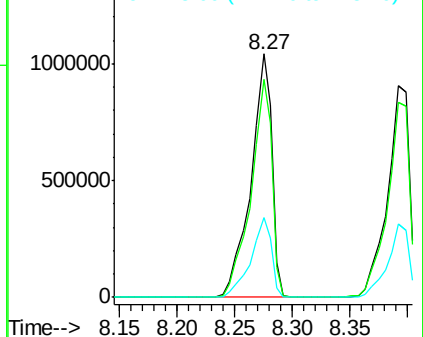
115 32.6 27.1 40.7



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: 9.55 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

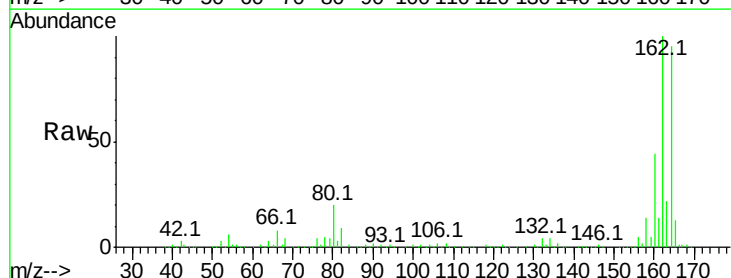
Tgt Ion:164 Resp: 346067

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

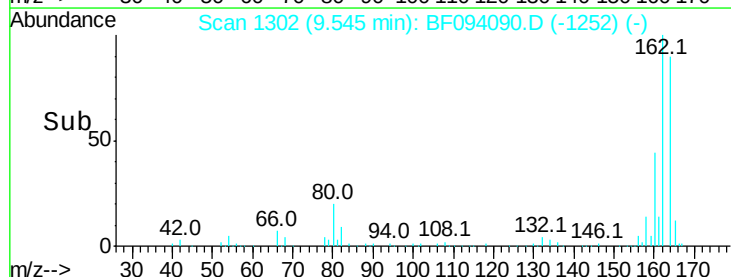
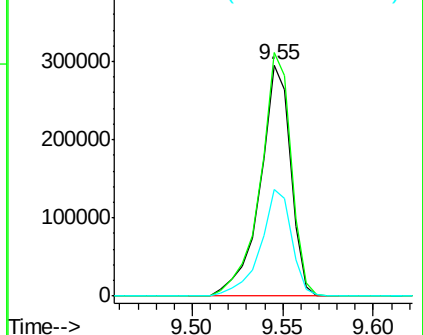
160 46.2 36.2 54.2

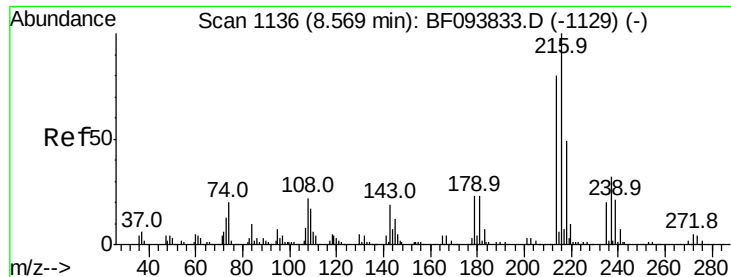


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

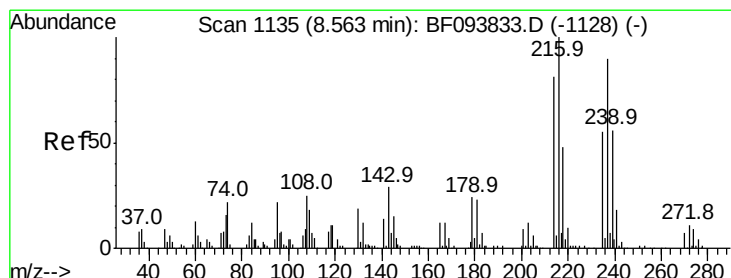
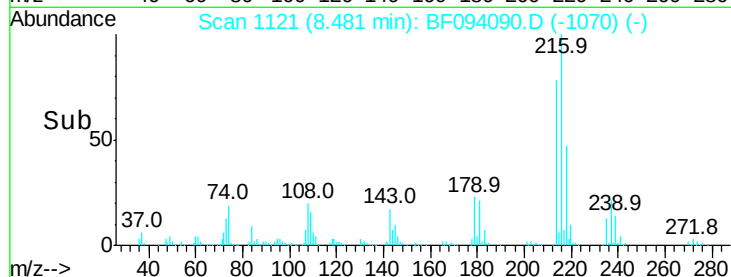
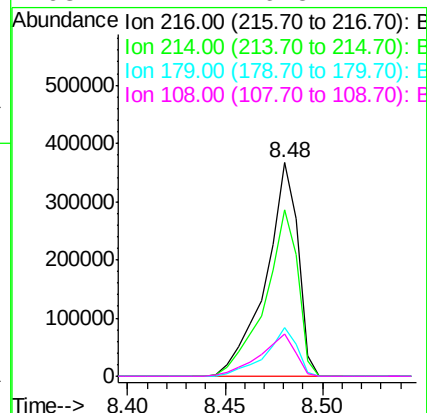
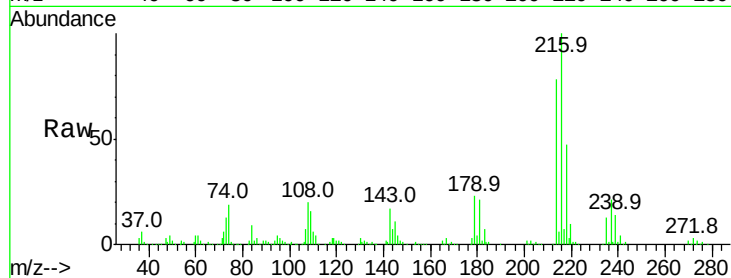




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.51 ng
 RT: 8.48 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

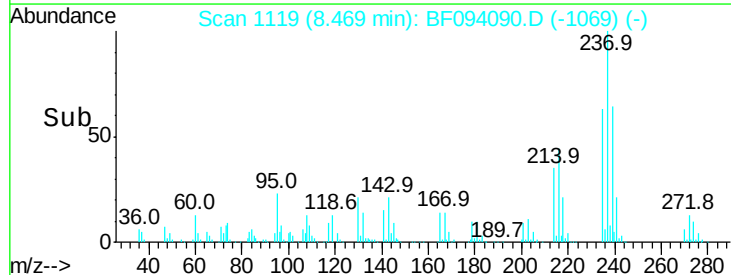
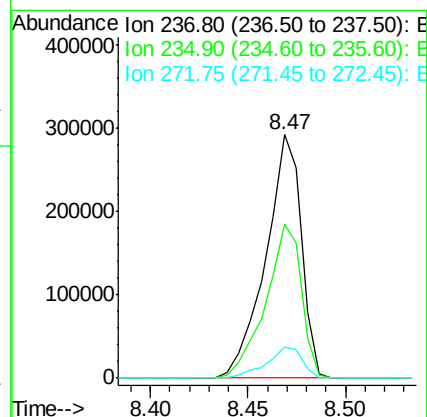
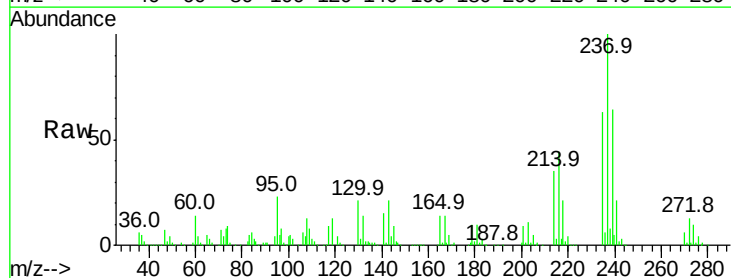
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

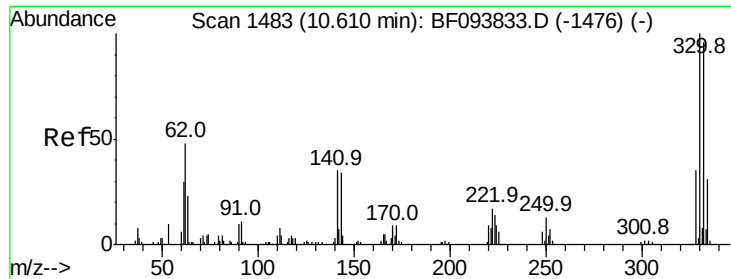
Tot Ion:	216	Resp:	421417
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	22.2	17.9	26.9
108	22.1	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 83.09 ng
 RT: 8.47 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Tgt Ion:	237	Resp:	368108
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.6	82.6
272	12.6	0.0	31.9

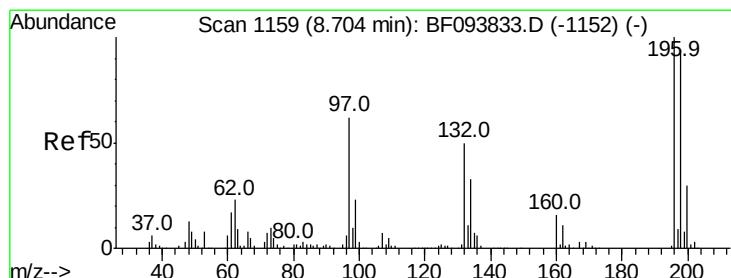
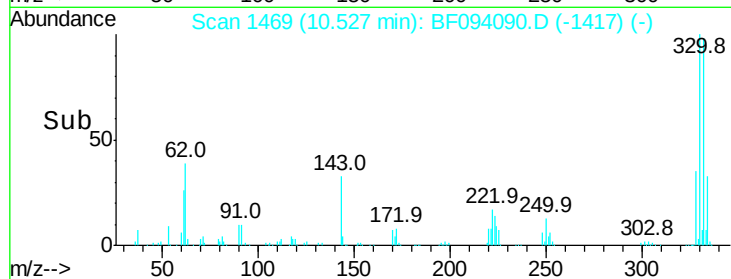
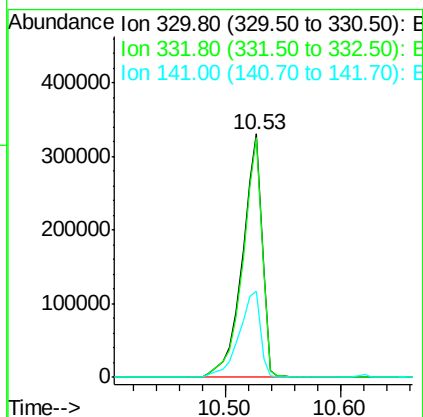
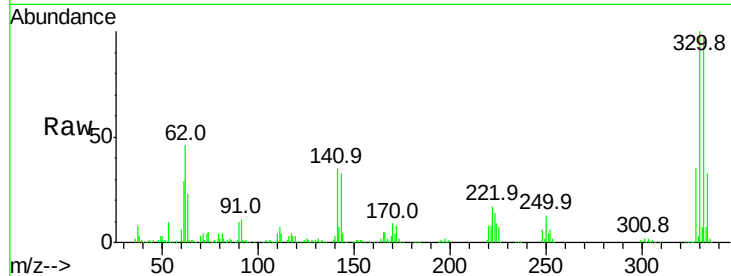




#41
 2,4,6-Tribromophenol
 Concen: 142.20 ng
 RT: 10.53 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

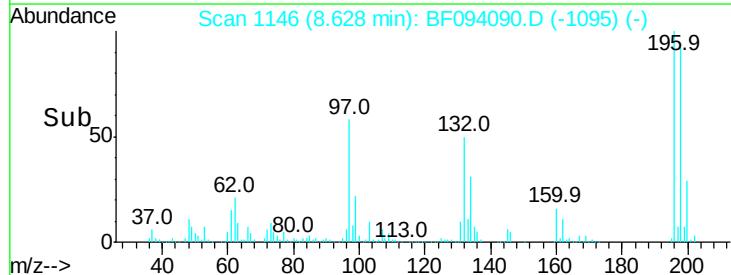
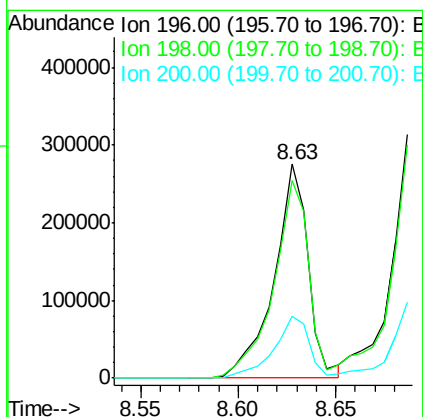
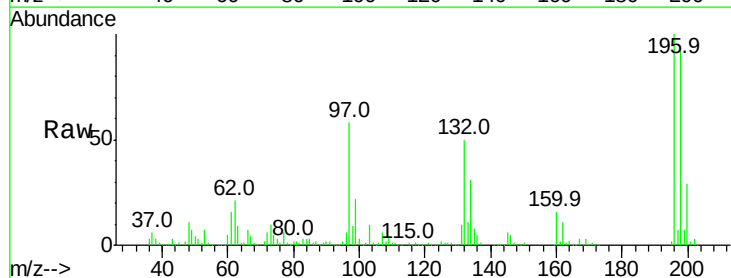
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

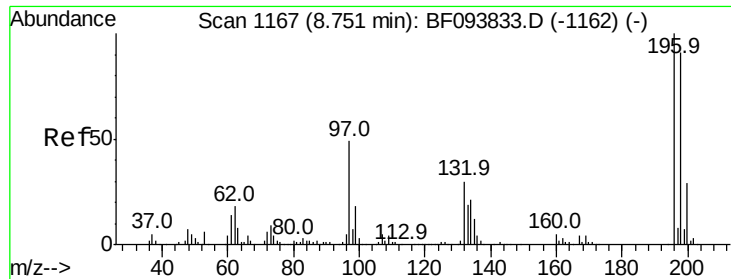
Tot Ion:330 Resp: 388864
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 38.5 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 50.04 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Tgt Ion:196 Resp: 335189
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.2 111.4
 200 28.6 24.0 36.0

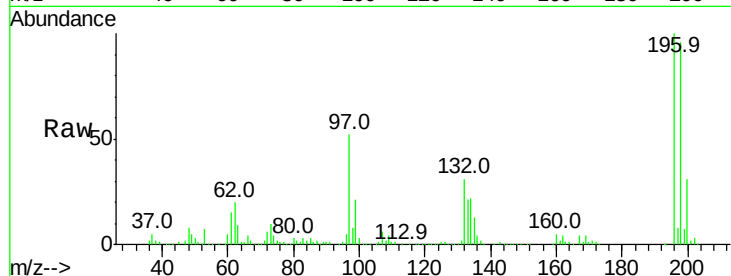




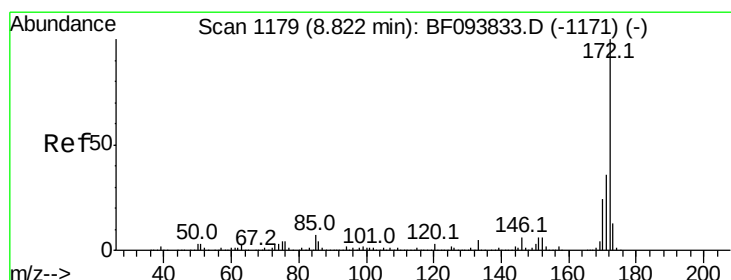
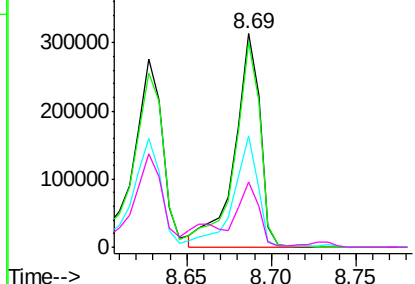
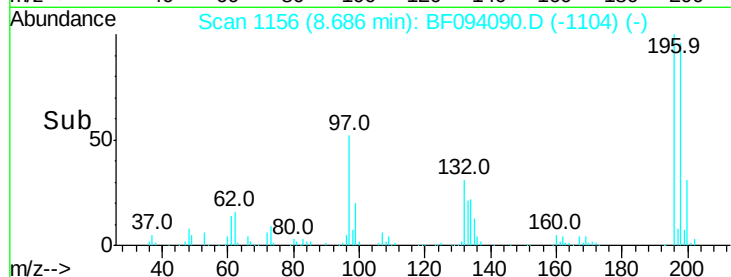
#43
 2,4,5-Trichlorophenol
 Concen: 45.12 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

Tot Ion:	196	Resp:	327008
Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
97	52.4	47.7	71.5
132	30.8	28.0	42.0

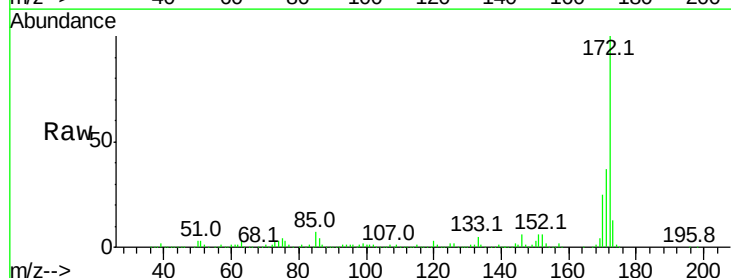


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

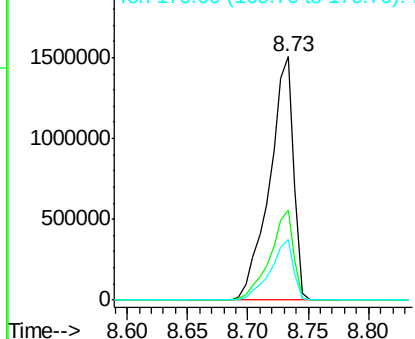
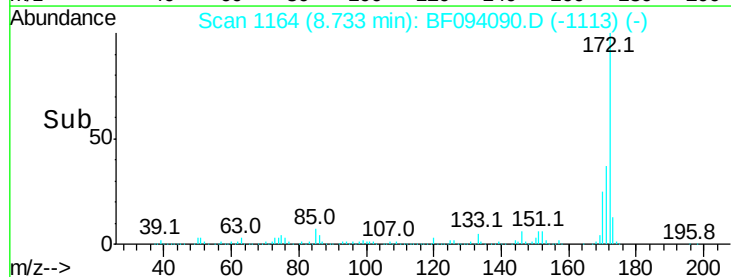


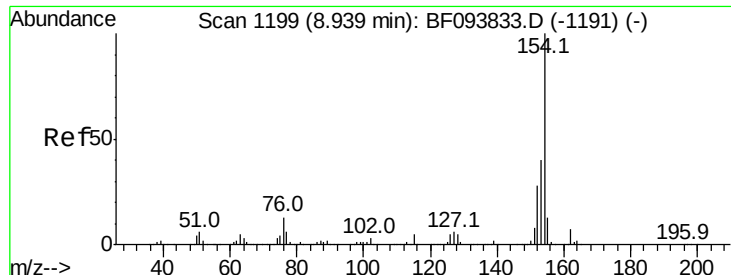
#44
 2-Fluorobiphenyl
 Concen: 92.02 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Tgt Ion:	172	Resp:	2087785
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.7	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

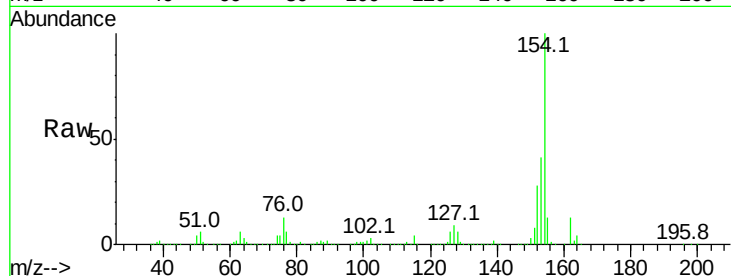




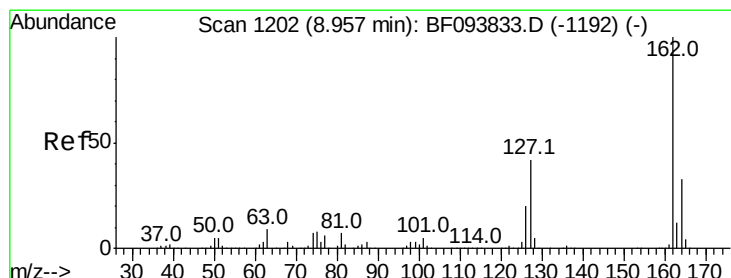
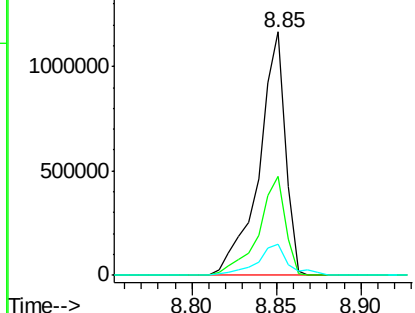
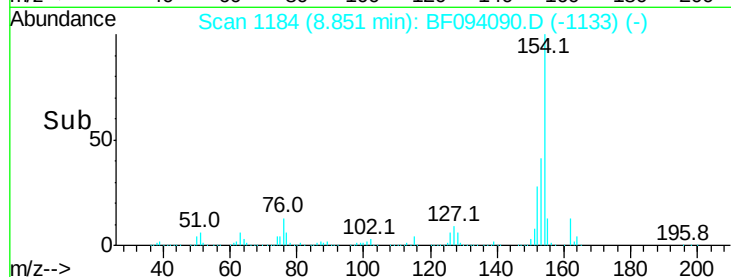
#45
1,1'-Biphenyl
Concen: 45.27 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

Tot Ion:154 Resp: 1263736
Ion Ratio Lower Upper
154 100
153 40.6 21.2 61.2
76 12.7 0.0 29.9

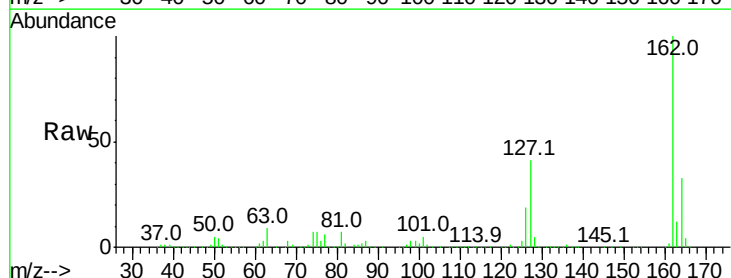


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

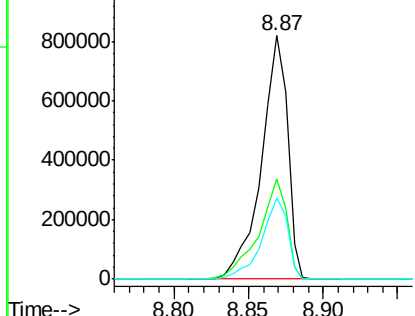
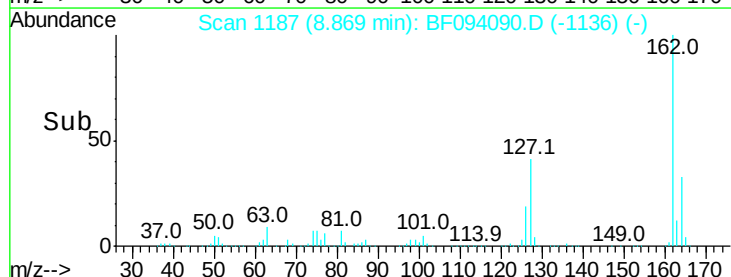


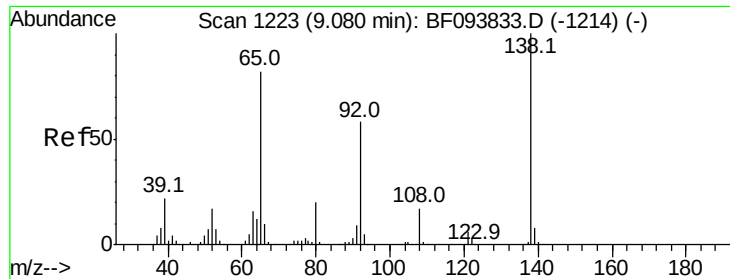
#46
2-Chloronaphthalene
Concen: 45.35 ng
RT: 8.87 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion:162 Resp: 990984
Ion Ratio Lower Upper
162 100
127 41.2 28.3 42.5
164 33.5 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

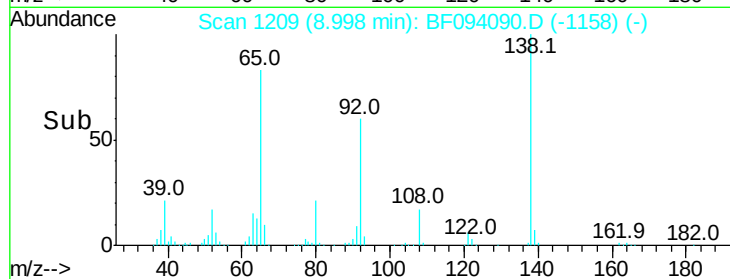
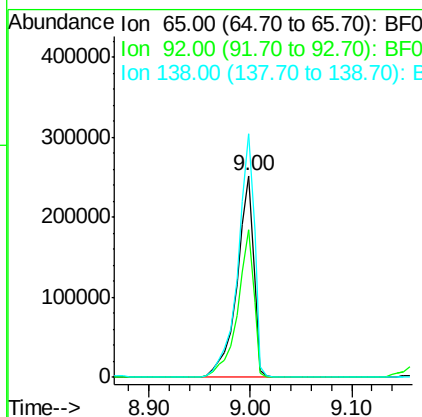
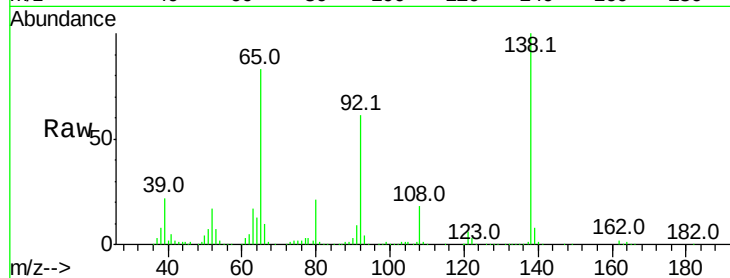




#47
2-Nitroaniline
Concen: 44.46 ng
RT: 9.00 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

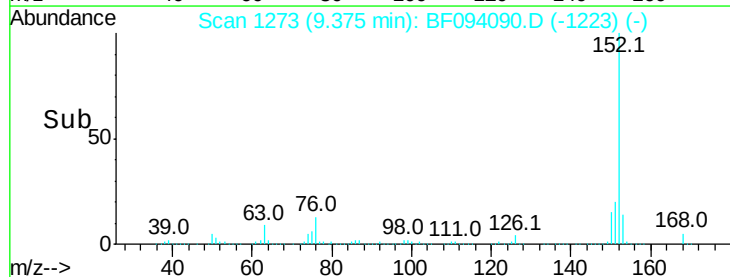
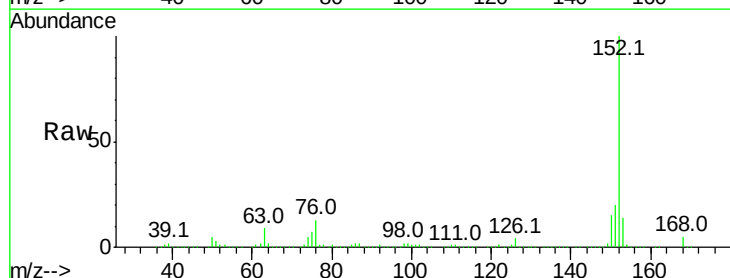
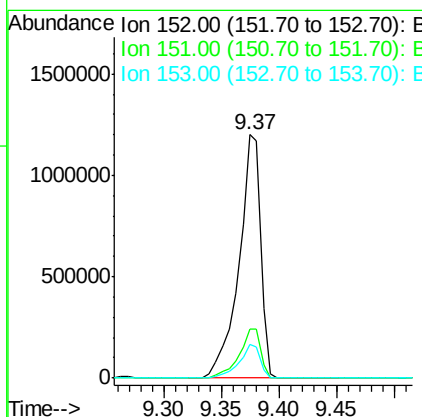
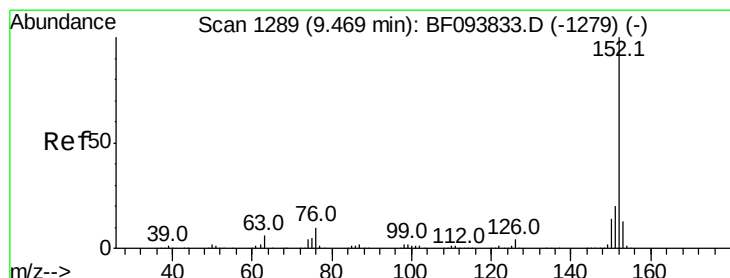
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

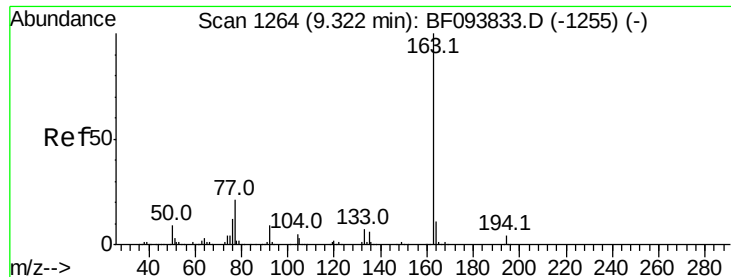
Tot Ion: 65 Resp: 288192
Ion Ratio Lower Upper
65 100
92 73.2 53.9 80.9
138 120.9 78.8 118.2#



#48
Acenaphthylene
Concen: 42.97 ng
RT: 9.37 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion:152 Resp: 1560293
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 13.7 10.8 16.2

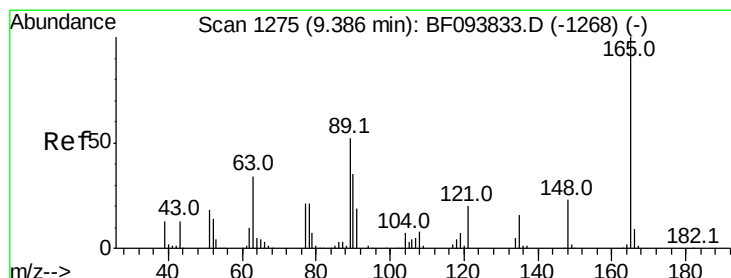
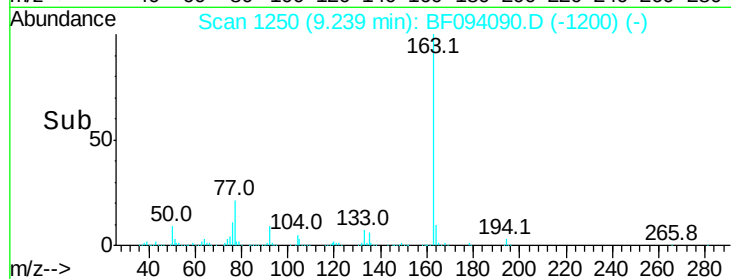
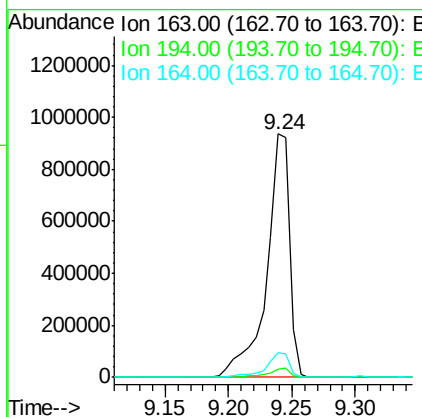
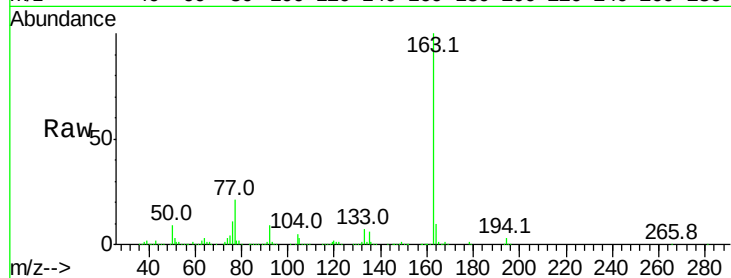




#49
 Dimethylphthalate
 Concen: 47.58 ng
 RT: 9.24 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

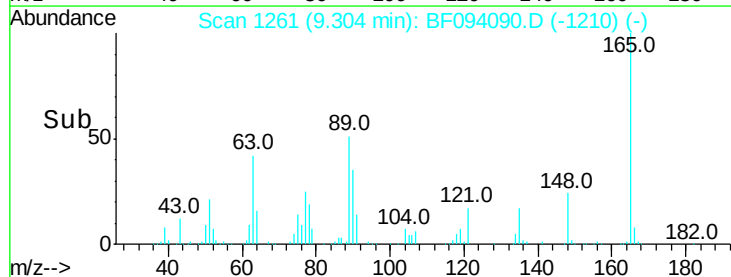
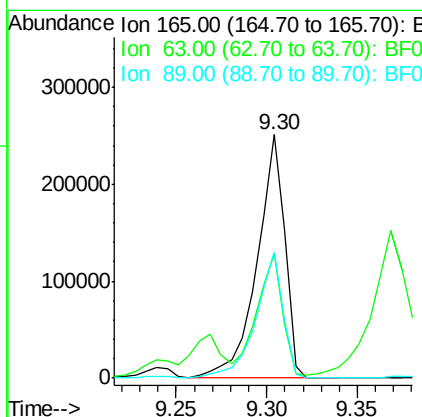
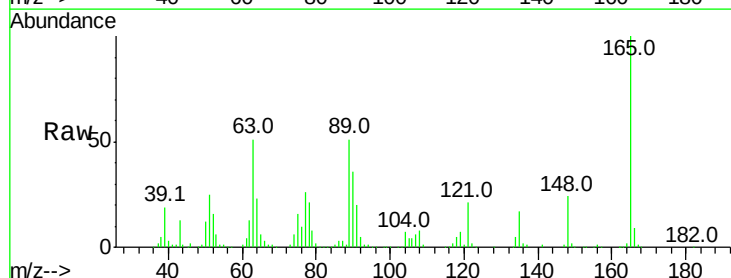
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

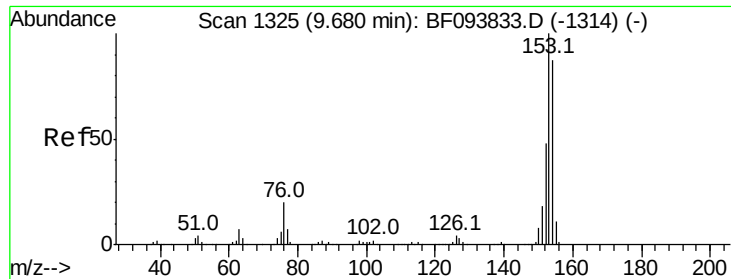
Tot Ion:163 Resp: 1170414
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.4 8.4 12.6



#50
 2,6-Dinitrotoluene
 Concen: 47.32 ng
 RT: 9.30 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Tgt Ion:165 Resp: 266837
 Ion Ratio Lower Upper
 165 100
 63 51.2 34.3 51.5
 89 51.5 37.1 55.7





#51

Acenaphthene

Concen: 44.68 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

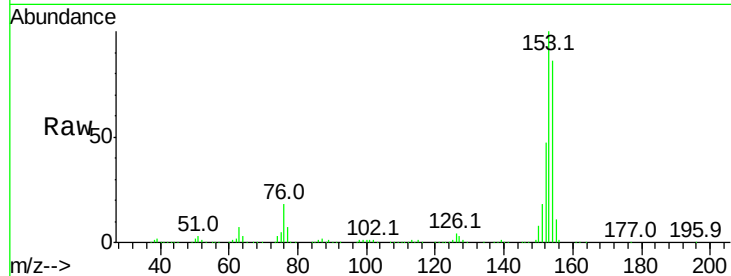
Tot Ion:154 Resp: 946790

Ion Ratio Lower Upper

154 100

153 115.7 90.5 135.7

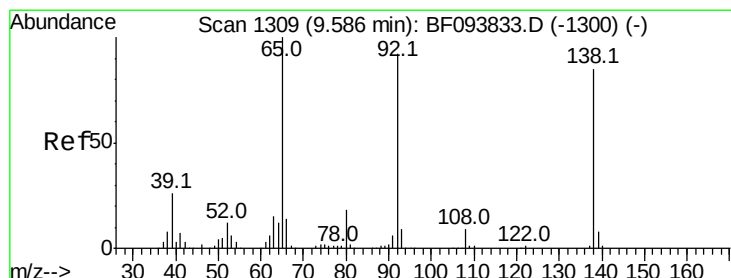
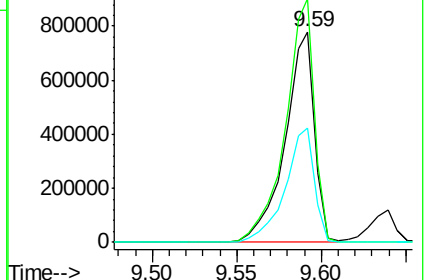
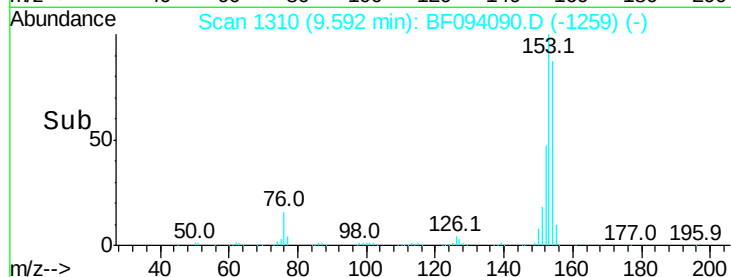
152 54.3 43.6 65.4



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: 7.44 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

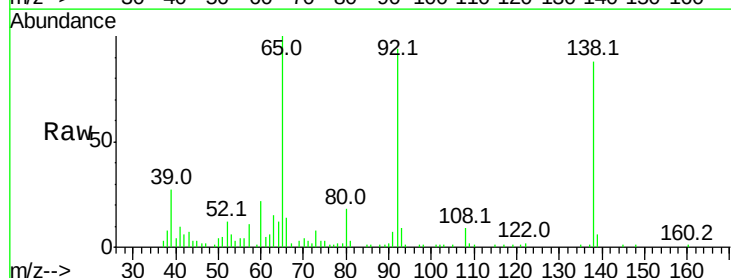
Tgt Ion:138 Resp: 49291

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

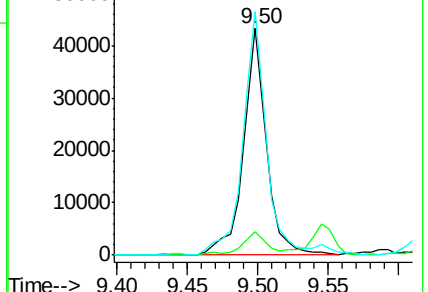
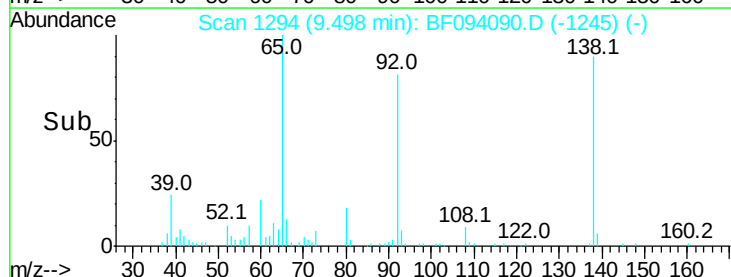
92 107.4 93.8 140.6

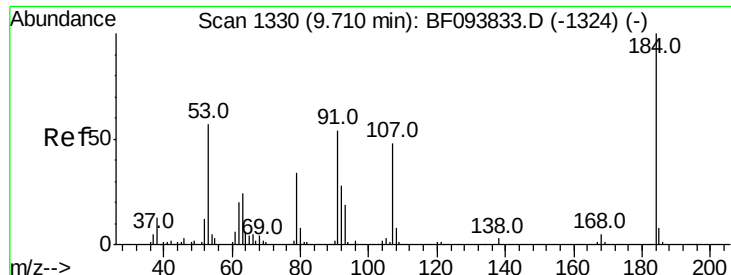


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

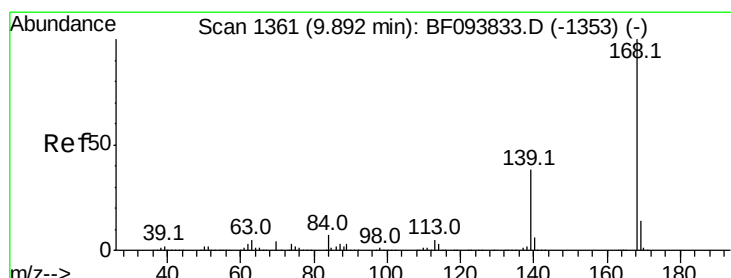
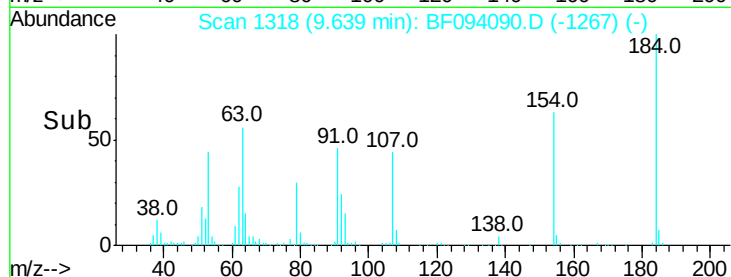
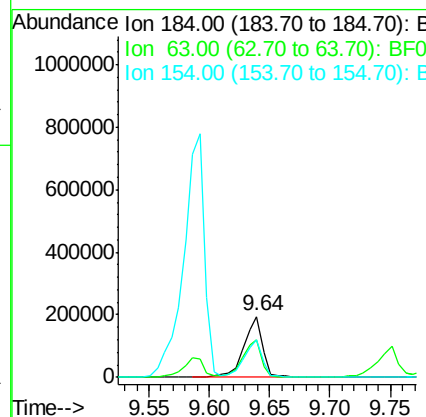
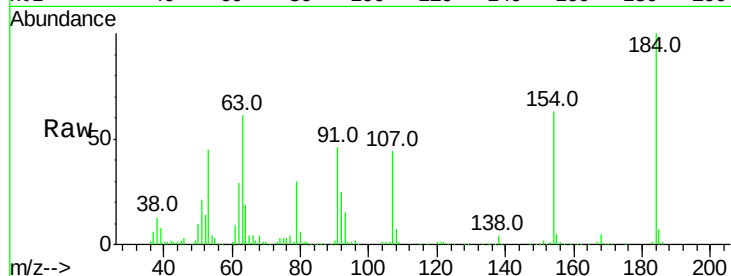




#53
 2,4-Dinitrophenol
 Concen: 71.31 ng
 RT: 9.64 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

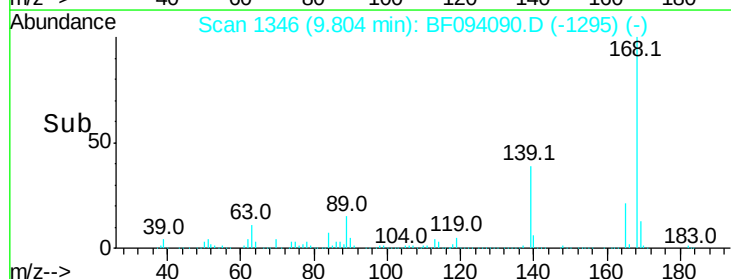
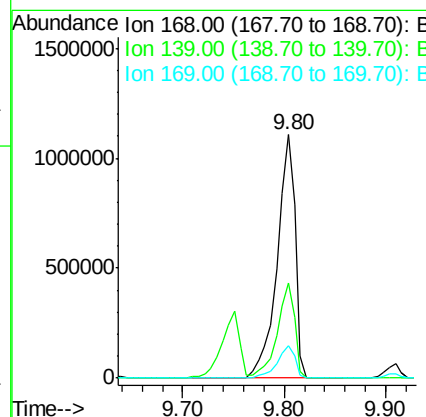
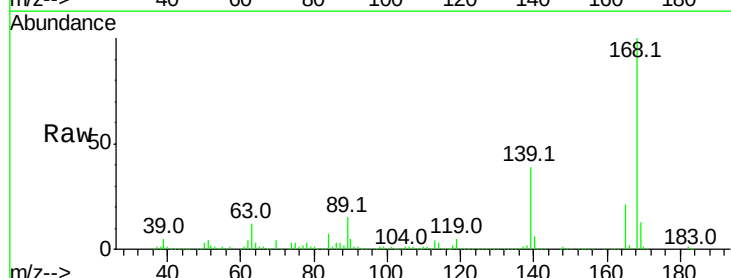
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

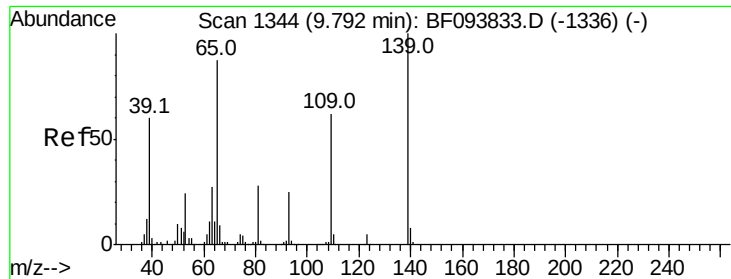
Tot Ion:184 Resp: 213556
 Ion Ratio Lower Upper
 184 100
 63 61.3 62.7 94.1#
 154 62.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 47.05 ng
 RT: 9.80 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Tgt Ion:168 Resp: 1357202
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 72.28 ng

RT: 9.75 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

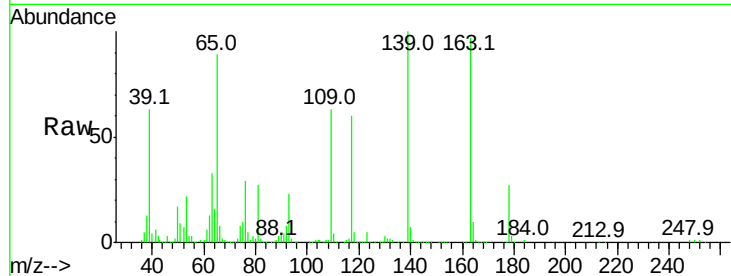
Tot Ion:139 Resp: 374814

Ion Ratio Lower Upper

139 100

109 63.2 34.1 74.1

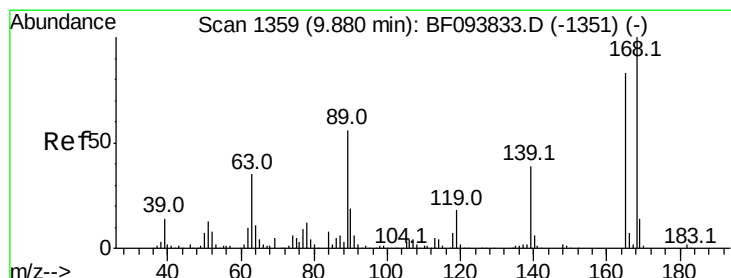
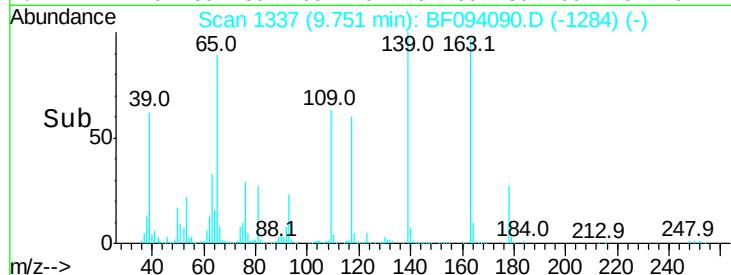
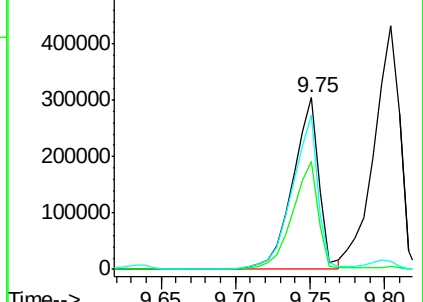
65 89.3 31.4 71.4#



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): E



#56

2,4-Dinitrotoluene

Concen: 45.96 ng

RT: 9.80 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Tgt Ion:165 Resp: 325594

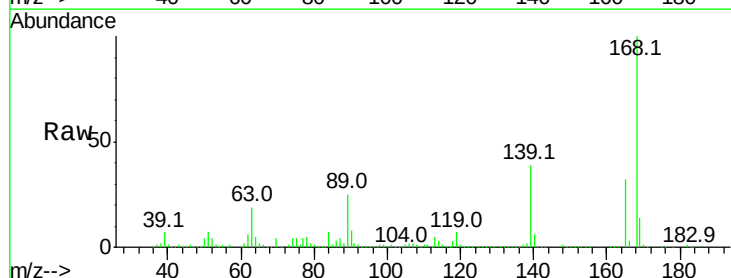
Ion Ratio Lower Upper

165 100

63 58.3 25.4 38.0#

89 77.5 46.4 69.6#

182 2.4 1.8 2.6

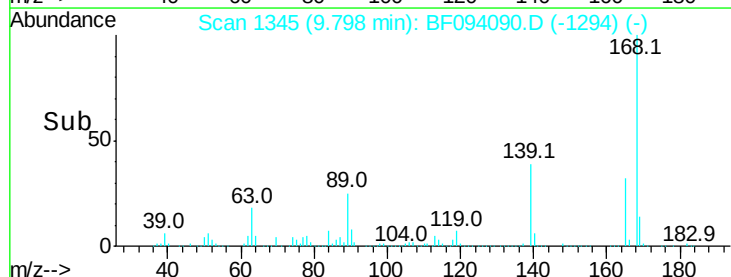
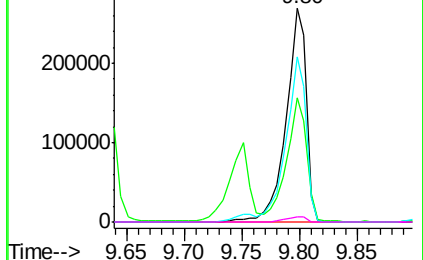


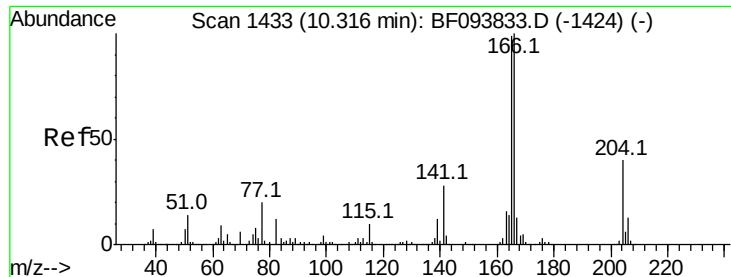
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.80 ng

RT: 10.22 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

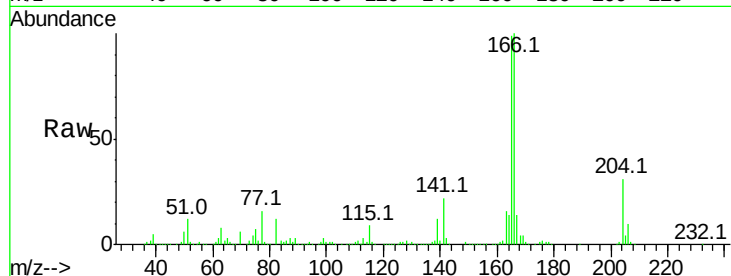
Tot Ion:166 Resp: 1023863

Ion Ratio Lower Upper

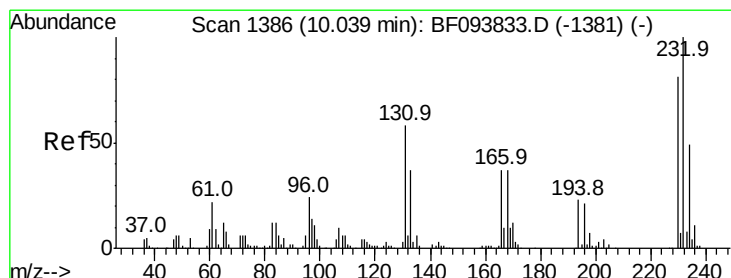
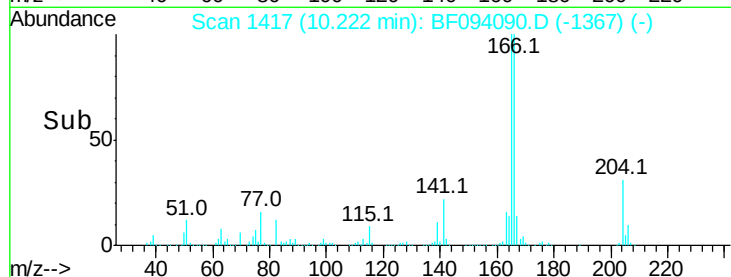
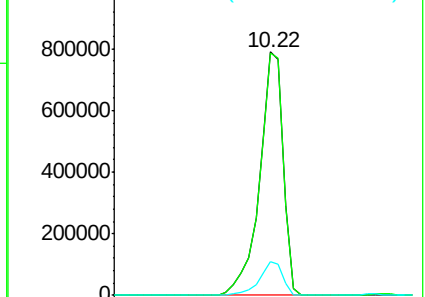
166 100

165 99.3 78.8 118.2

167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.29 ng

RT: 9.96 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Tgt Ion:232 Resp: 250094

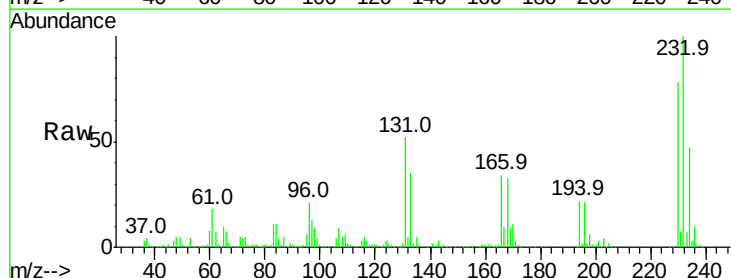
Ion Ratio Lower Upper

232 100

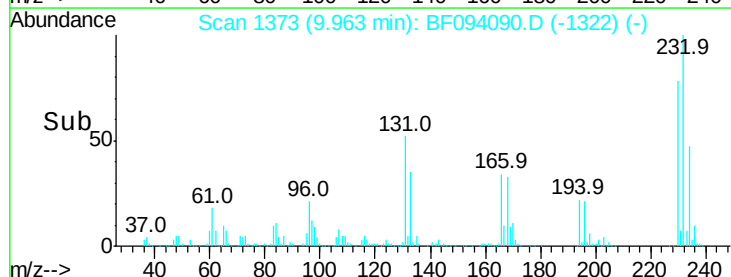
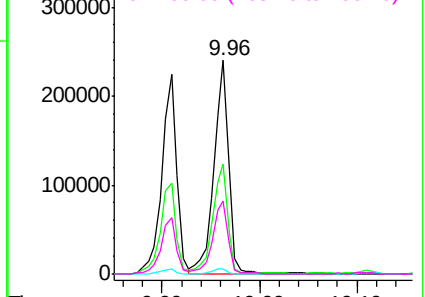
131 52.8 44.8 67.2

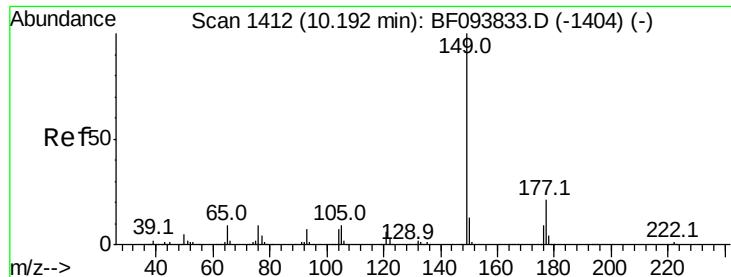
130 2.6 2.3 3.5

166 35.7 29.0 43.4



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

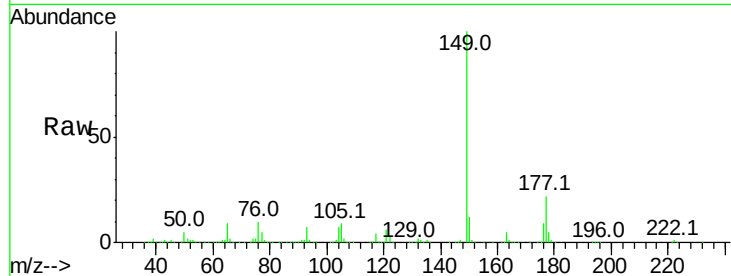




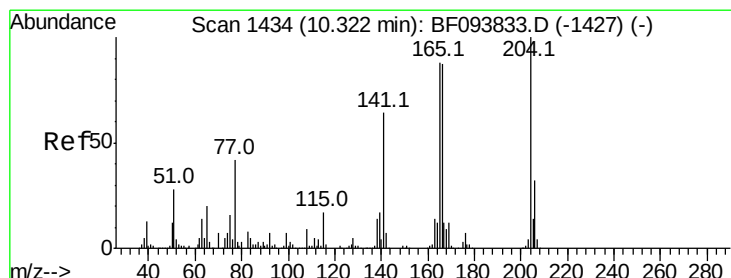
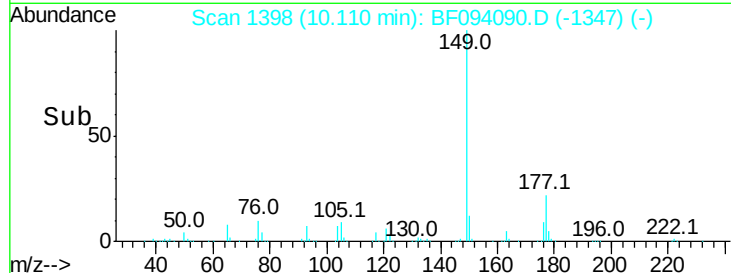
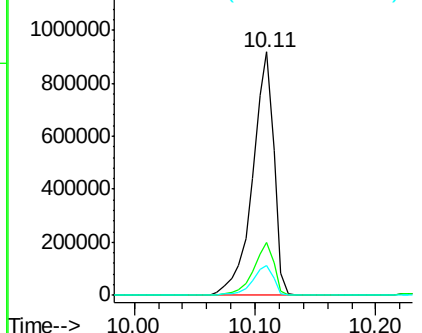
#59
Diethylphthalate
Concen: 46.44 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

Tot Ion:149 Resp: 1129055
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.4 10.2 15.2

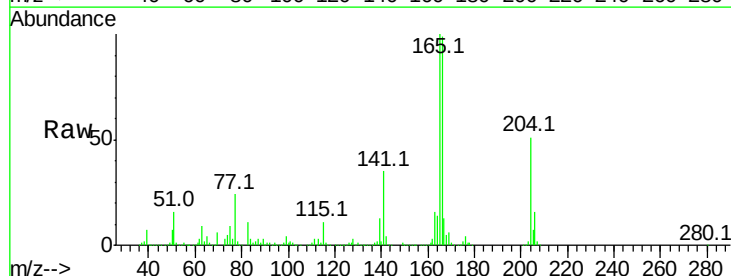


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

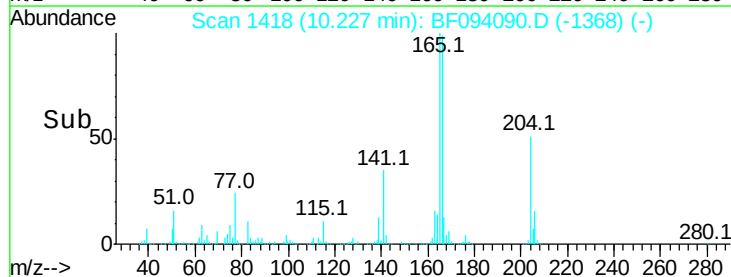
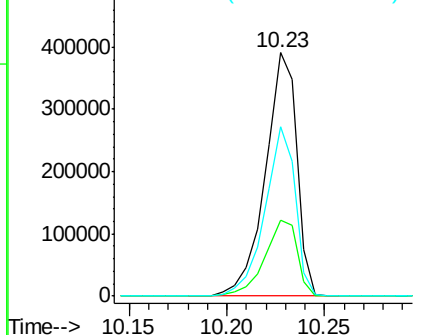


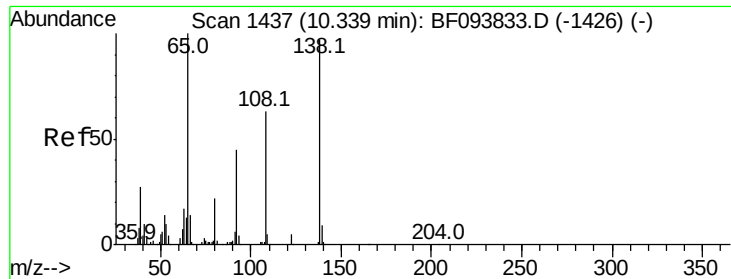
#60
4-Chlorophenyl-phenylether
Concen: 42.89 ng
RT: 10.23 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion:204 Resp: 437081
Ion Ratio Lower Upper
204 100
206 31.4 26.2 39.2
141 69.7 60.8 91.2



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

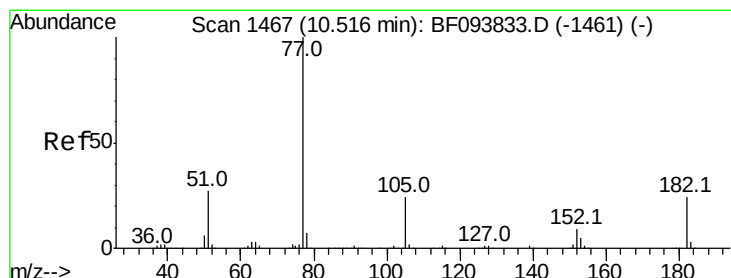
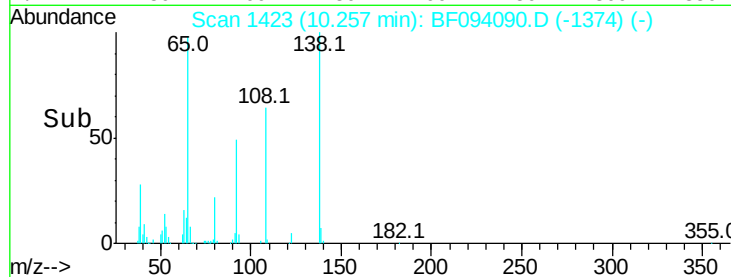
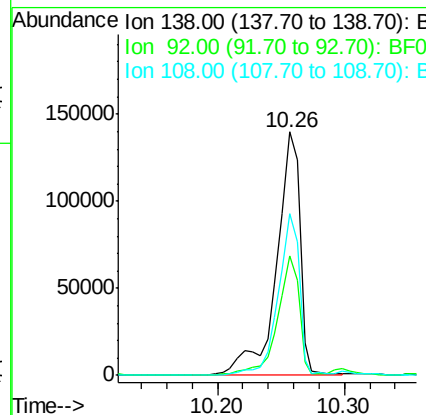
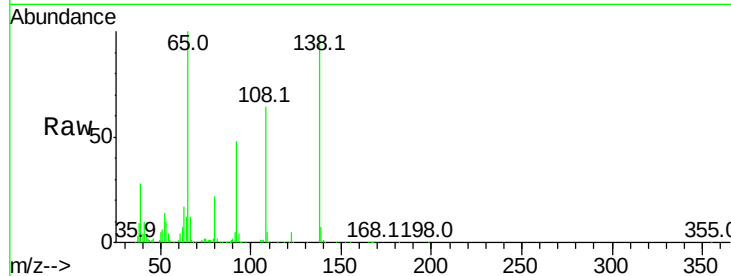




#61
4-Nitroaniline
Concen: 28.34 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

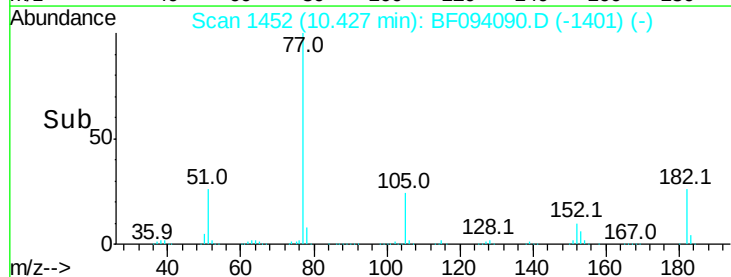
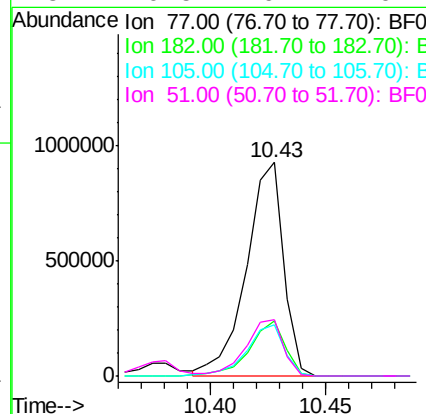
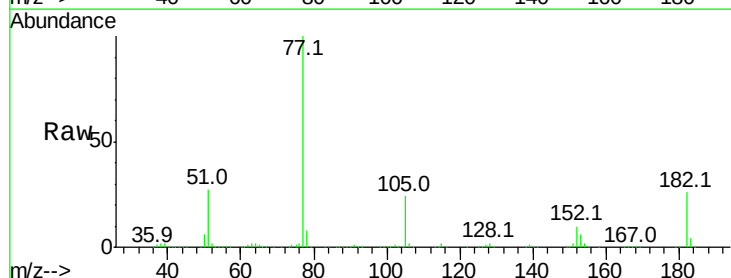
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

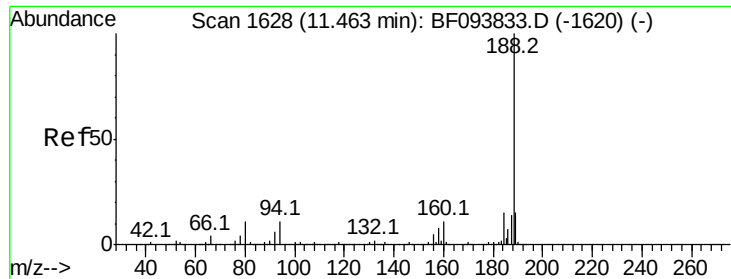
Tot Ion:138 Resp: 180075
Ion Ratio Lower Upper
138 100
92 49.2 21.8 61.8
108 66.4 42.3 82.3



#62
Azobenzene
Concen: 45.46 ng
RT: 10.43 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion: 77 Resp: 1045585
Ion Ratio Lower Upper
77 100
182 25.6 0.1 40.1
105 24.2 3.6 43.6
51 26.5 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

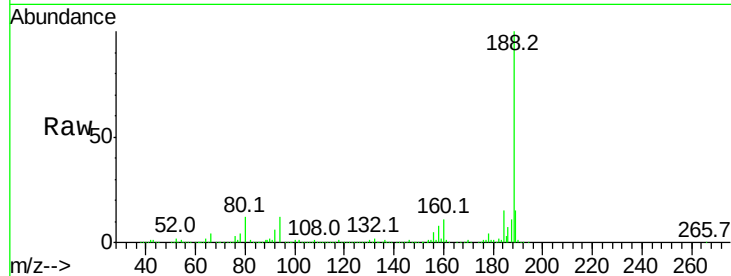
Tot Ion:188 Resp: 589704

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

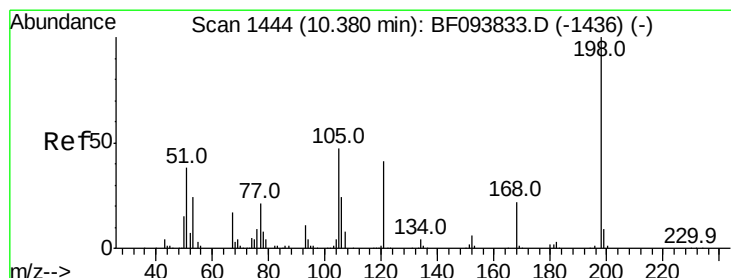
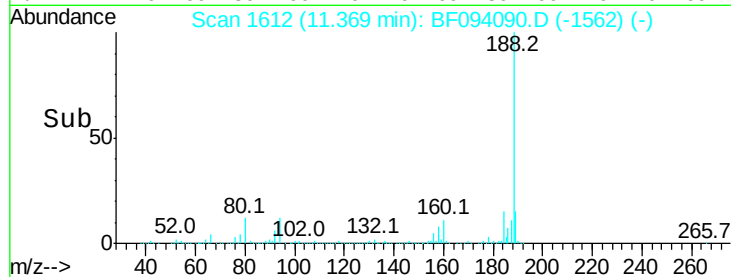
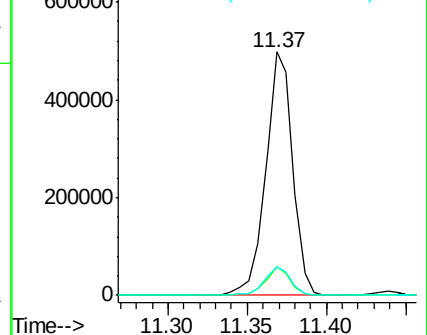
80 11.9 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.52 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

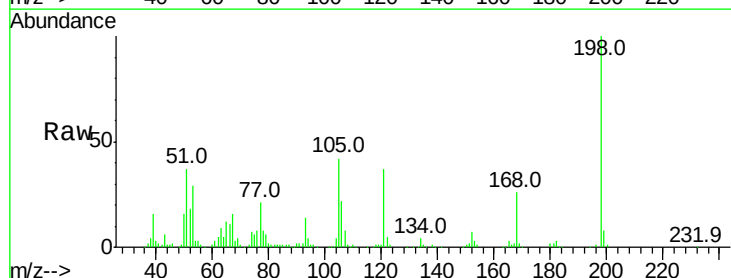
Tgt Ion:198 Resp: 160771

Ion Ratio Lower Upper

198 100

51 37.3 53.2 93.2#

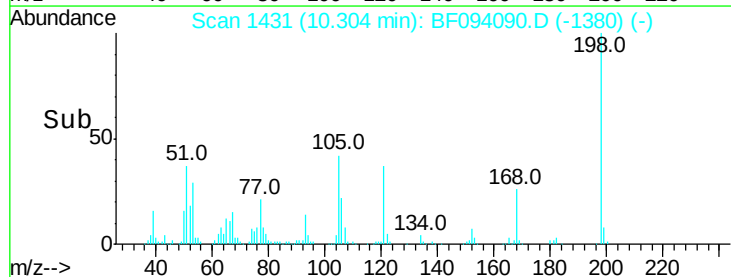
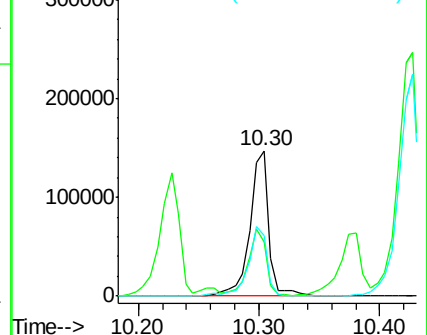
105 41.8 45.8 85.8#

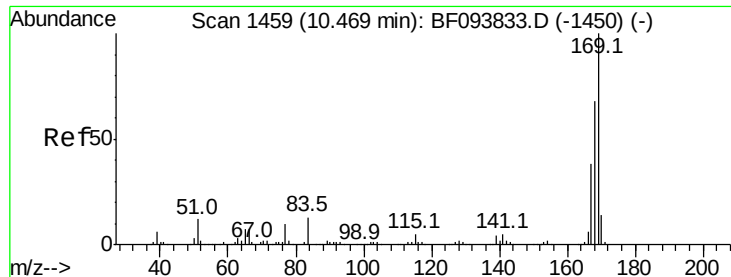


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 30.02 ng

RT: 10.38 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

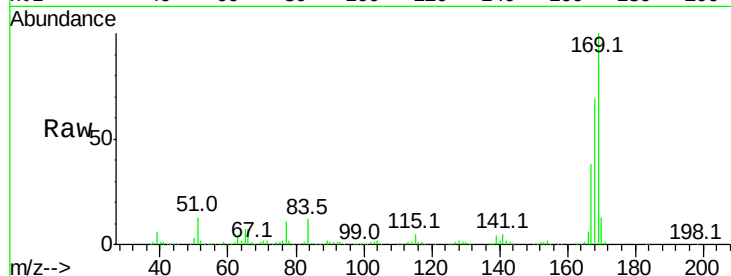
Tot Ion:169 Resp: 612256

Ion Ratio Lower Upper

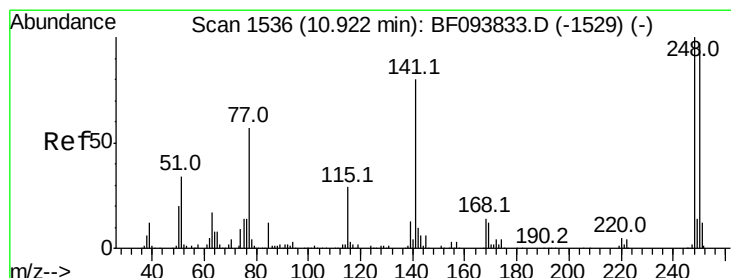
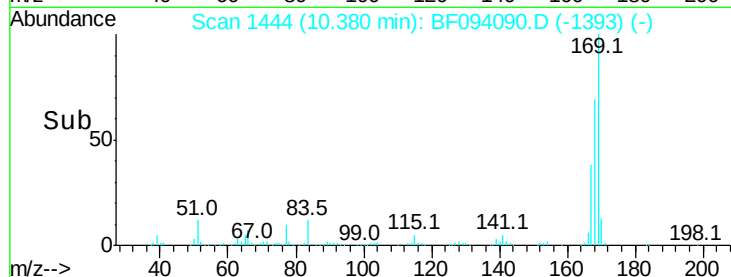
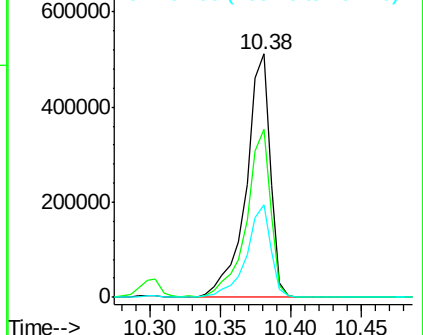
169 100

168 69.0 53.2 79.8

167 37.9 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: 47.59 ng

RT: 10.83 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

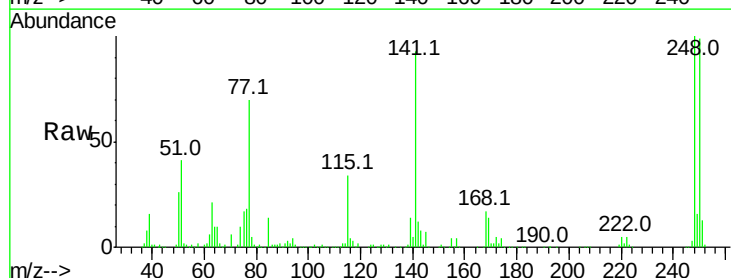
Tgt Ion:248 Resp: 276020

Ion Ratio Lower Upper

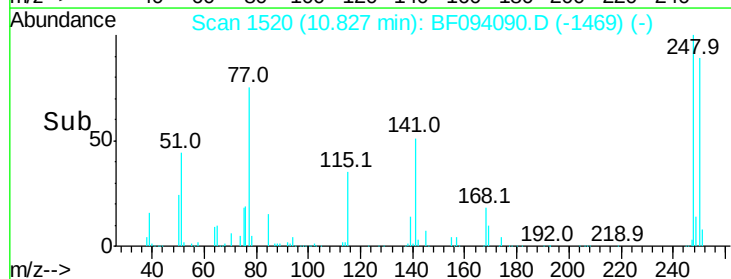
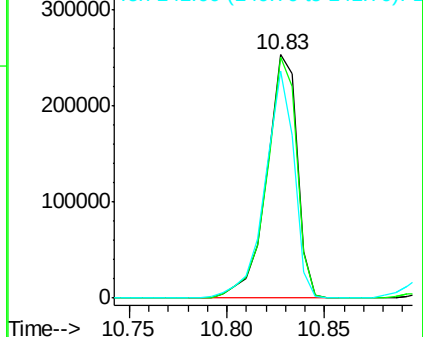
248 100

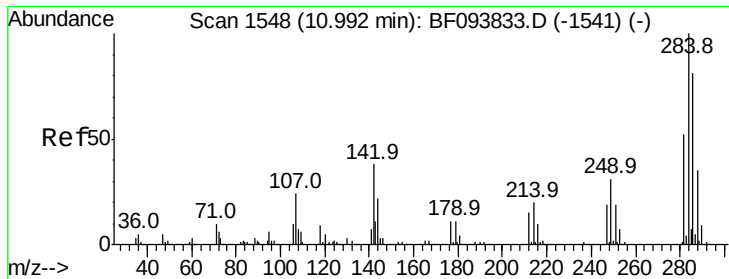
250 98.8 76.8 115.2

141 93.0 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

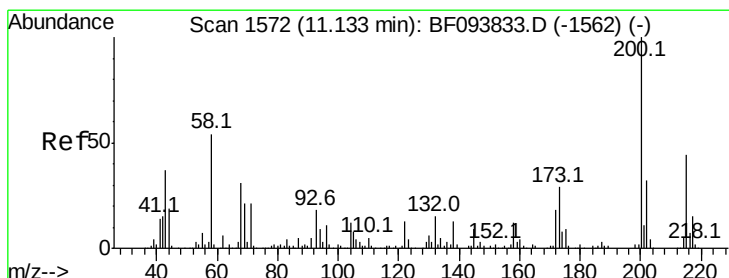
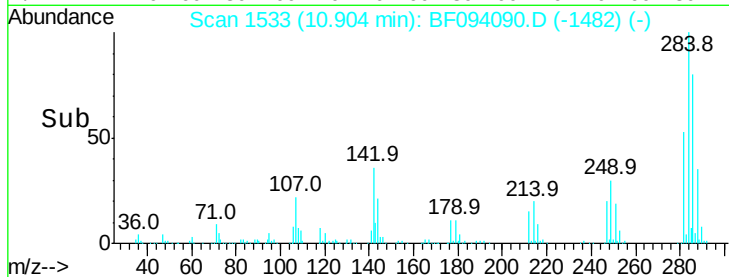
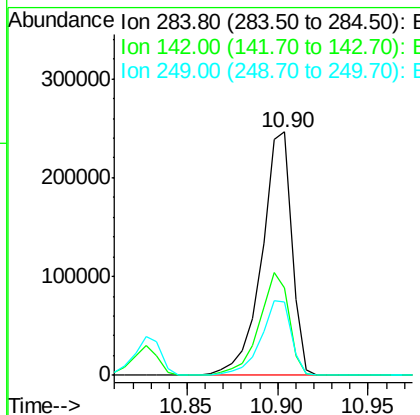
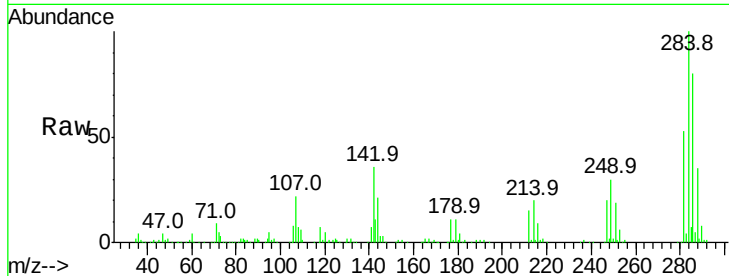




#67
Hexachlorobenzene
Concen: 48.28 ng
RT: 10.90 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

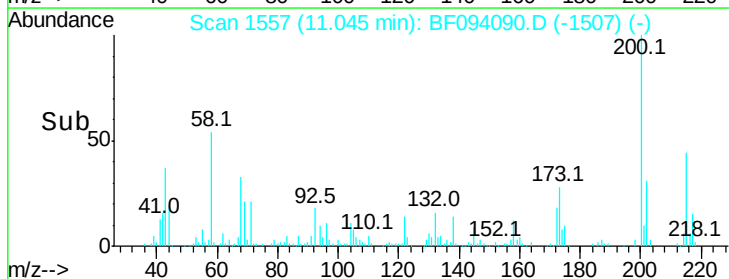
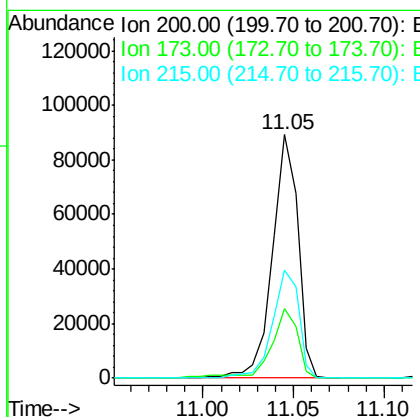
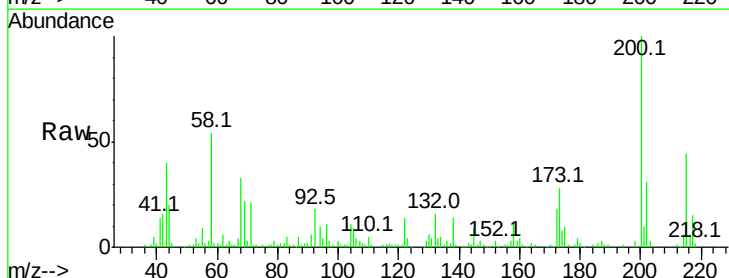
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

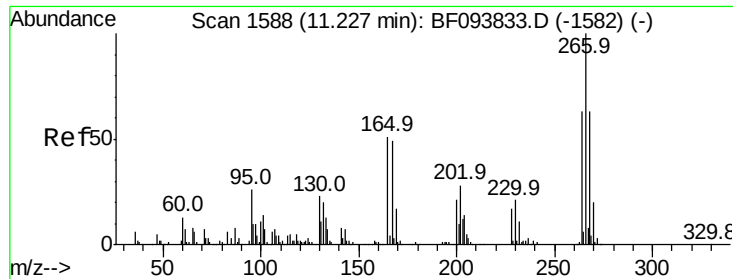
Tot Ion:284 Resp: 283484
Ion Ratio Lower Upper
284 100
142 36.1 22.8 34.2#
249 30.3 24.0 36.0



#68
Atrazine
Concen: 14.29 ng
RT: 11.05 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion:200 Resp: 87313
Ion Ratio Lower Upper
200 100
173 28.4 6.3 46.3
215 44.2 27.2 67.2

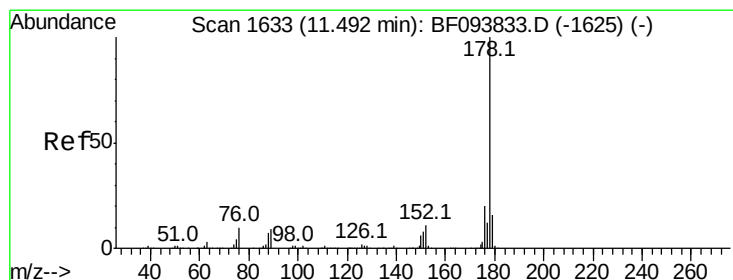
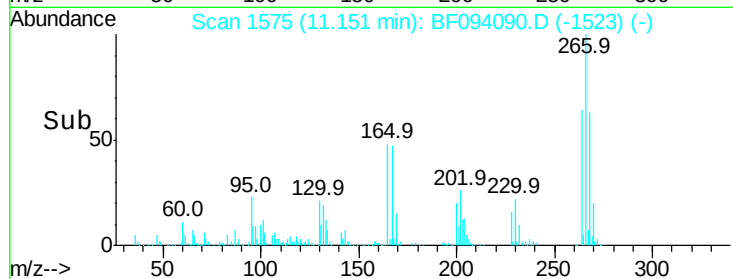
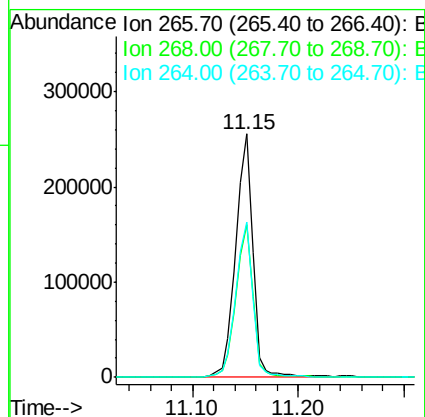
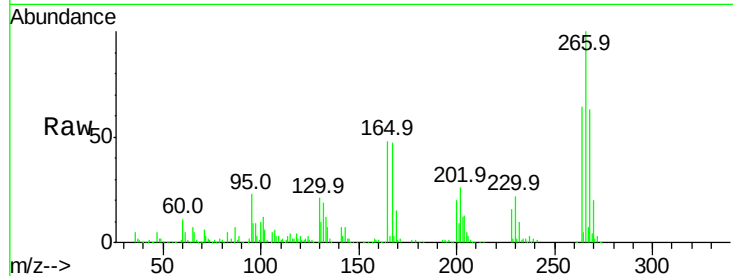




#69
 Pentachlorophenol
 Concen: 78.82 ng
 RT: 11.15 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

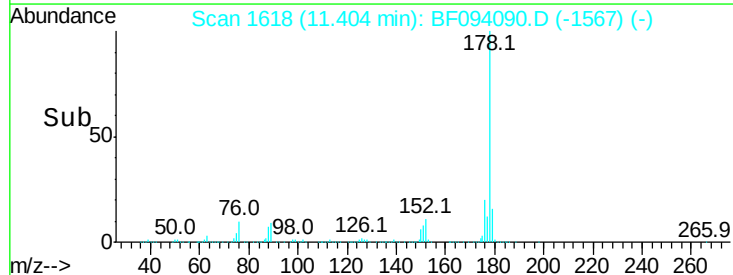
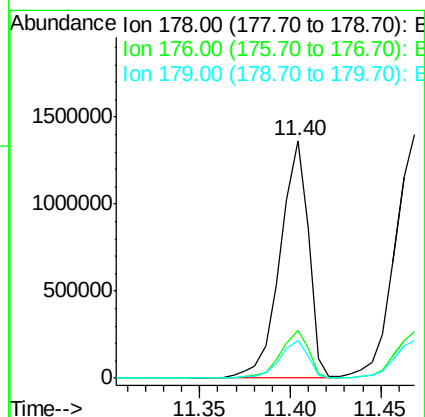
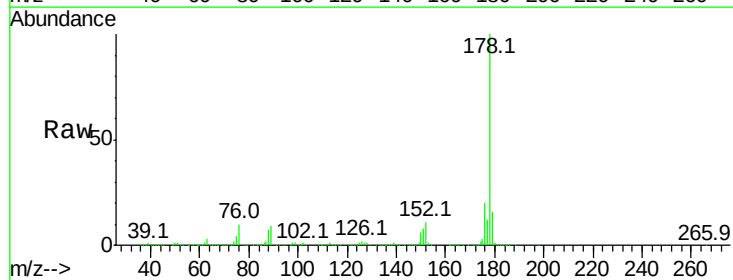
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

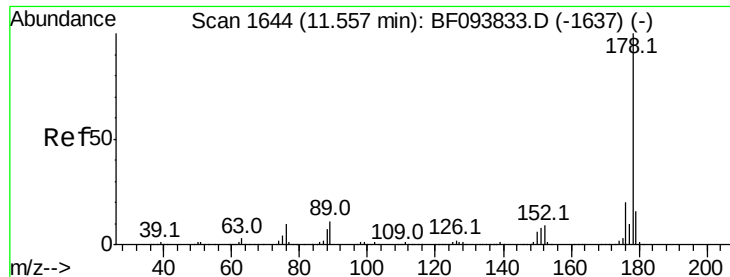
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	63.9	51.7	77.5



#70
 Phenanthrene
 Concen: 45.63 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.8	12.6	19.0

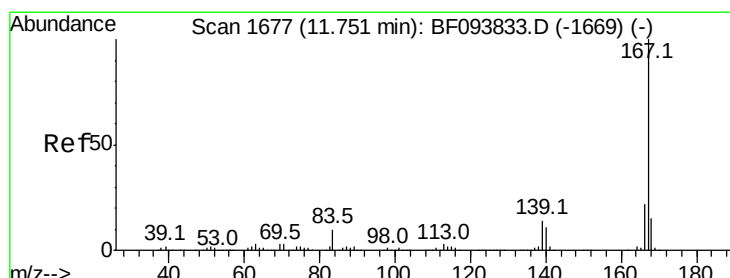
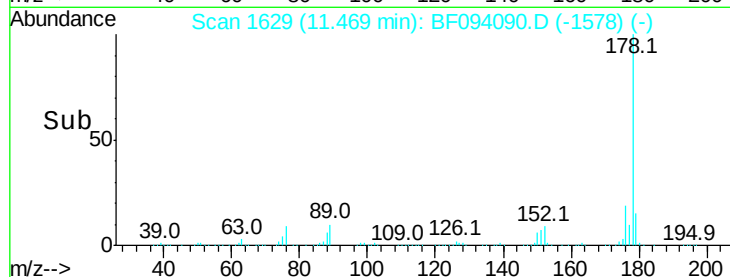
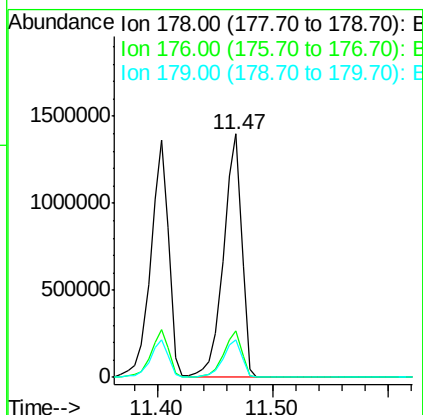
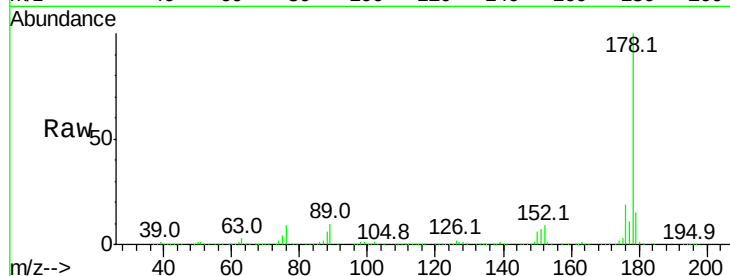




#71
 Anthracene
 Concen: 45.21 ng
 RT: 11.47 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

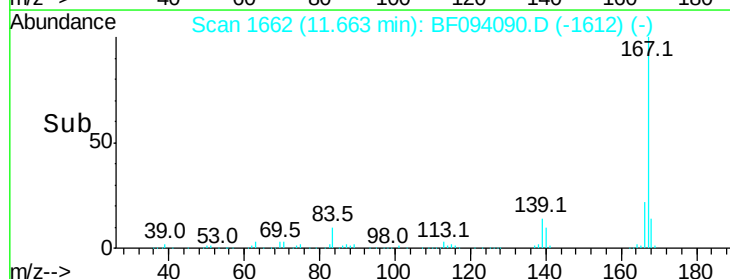
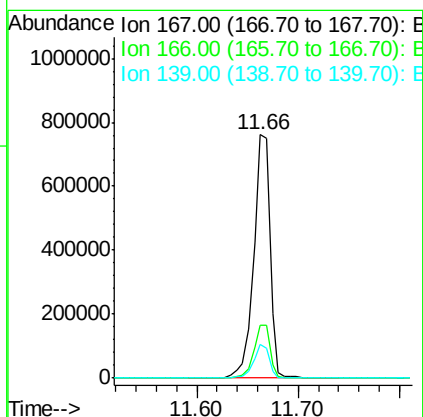
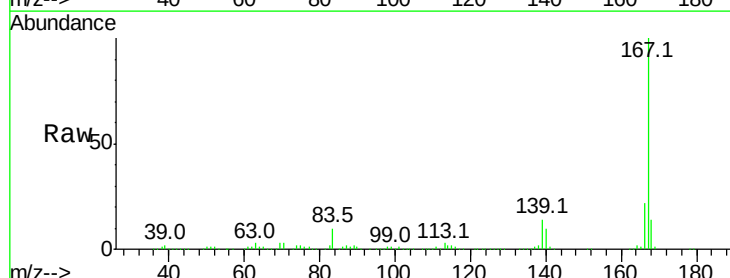
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

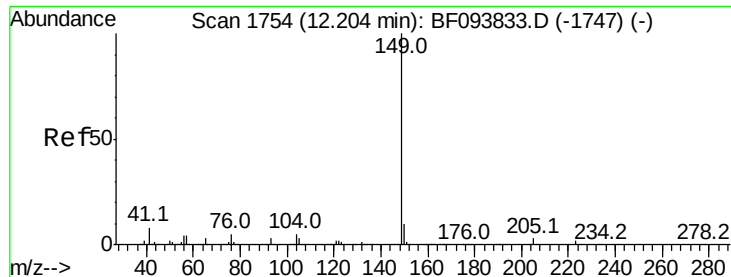
Tot Ion:178 Resp: 1527106
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 24.69 ng
 RT: 11.66 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Tgt Ion:167 Resp: 855071
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.6 11.7 17.5

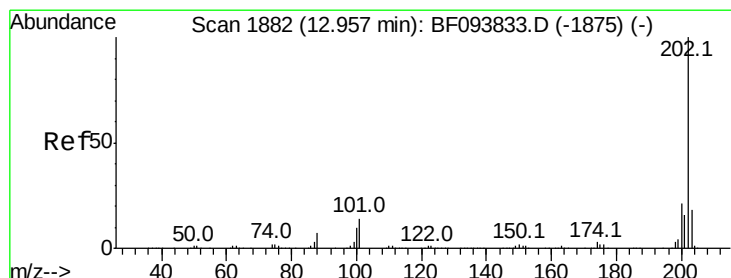
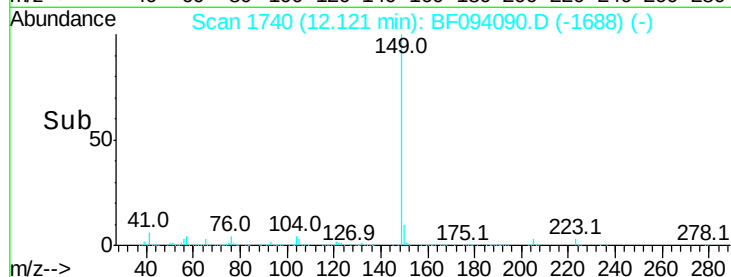
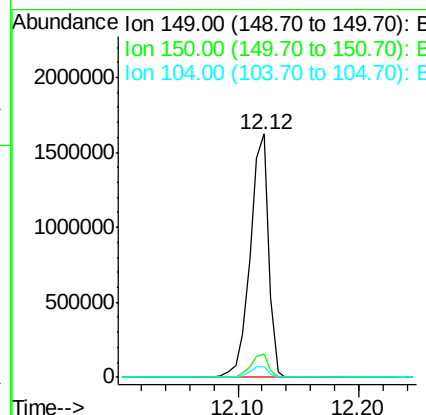
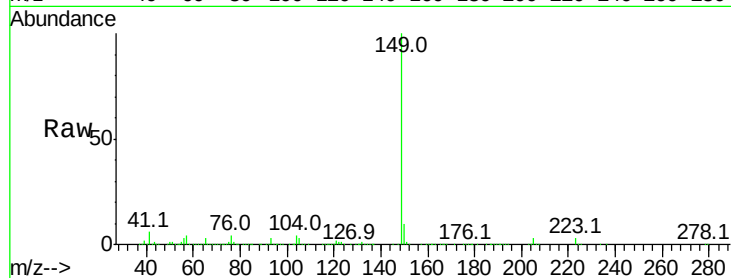




#73
Di-n-butylphthalate
Concen: 47.64 ng
RT: 12.12 min Scan# 1740
Delta R.T. 0.01 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

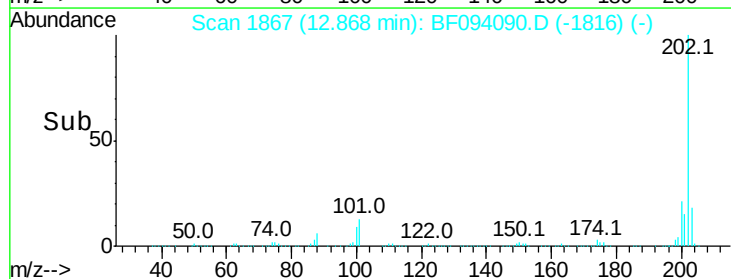
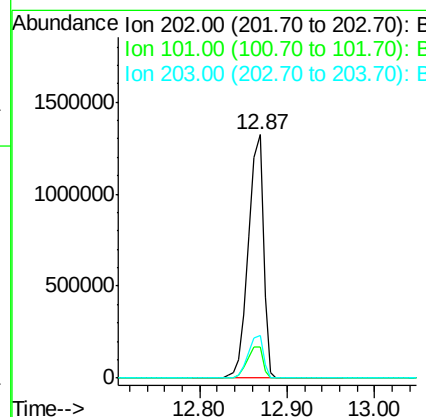
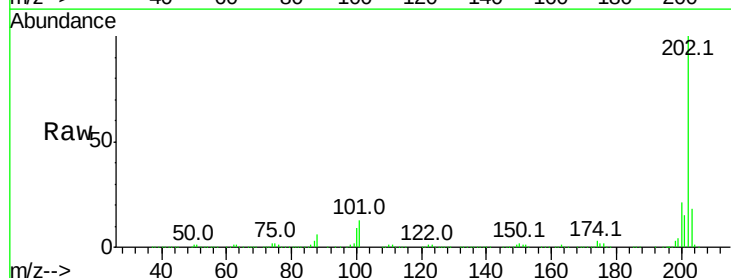
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

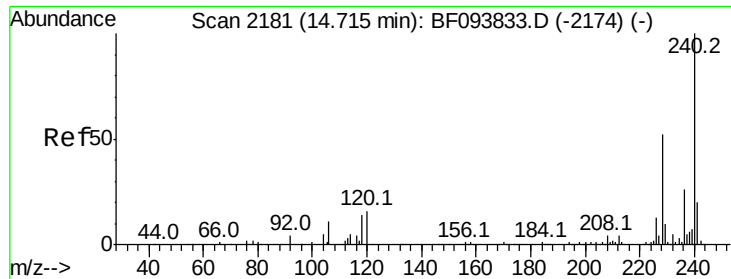
Tot Ion:149 Resp: 1716015
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 44.86 ng
RT: 12.87 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion:202 Resp: 1506864
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 17.6 0.0 38.1

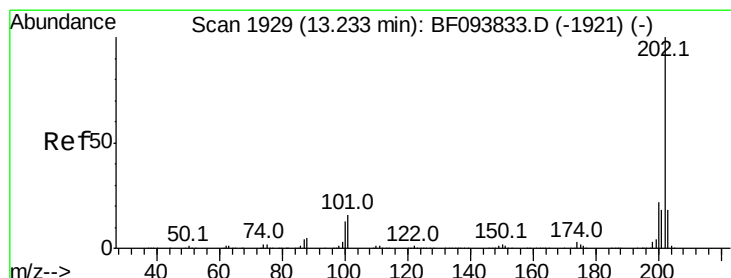
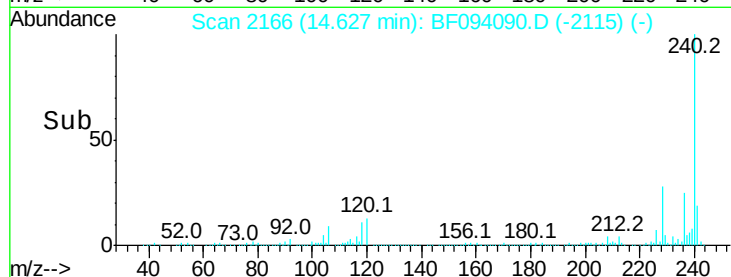
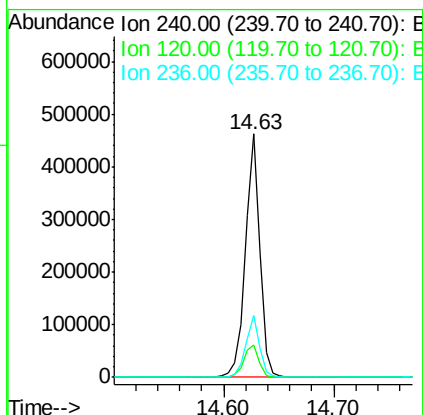
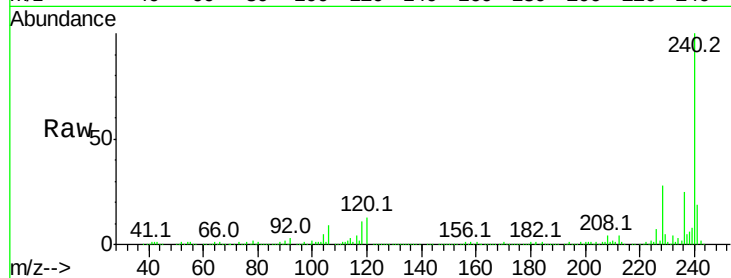




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

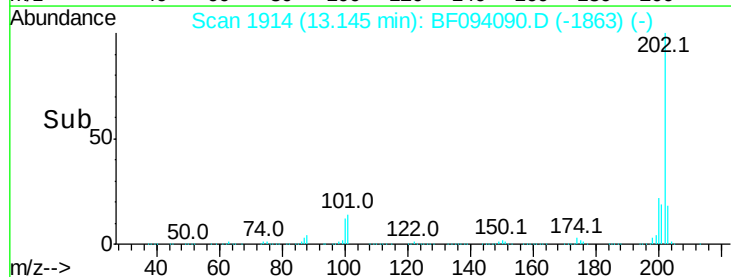
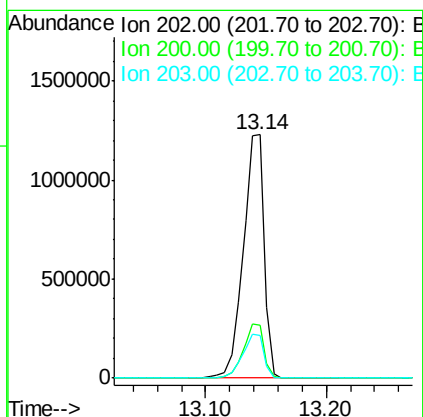
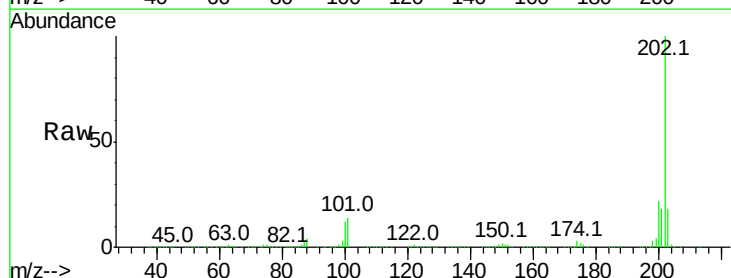
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MSD

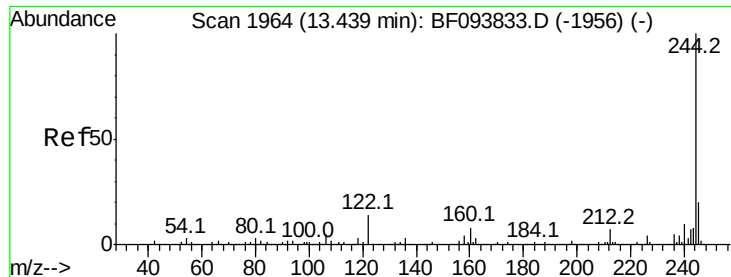
Tot Ion:240 Resp: 426881
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.8 8.8#
 236 25.4 20.5 30.7



#77
 Pyrene
 Concen: 47.86 ng
 RT: 13.14 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094090.D
 Acq: 31 Mar 2017 12:15

Tgt Ion:202 Resp: 1482631
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.6 26.4
 203 17.6 14.4 21.6





#78

Terphenyl-d14

Concen: 86.31 ng

RT: 13.35 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

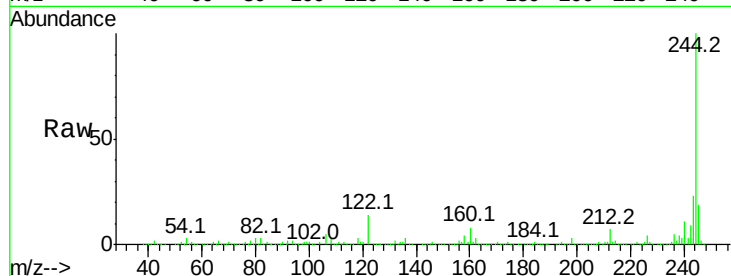
Tot Ion:244 Resp: 1643712

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

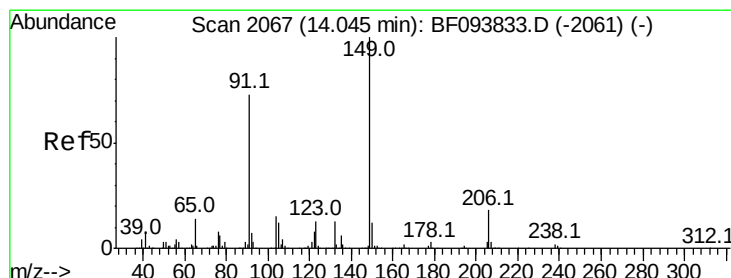
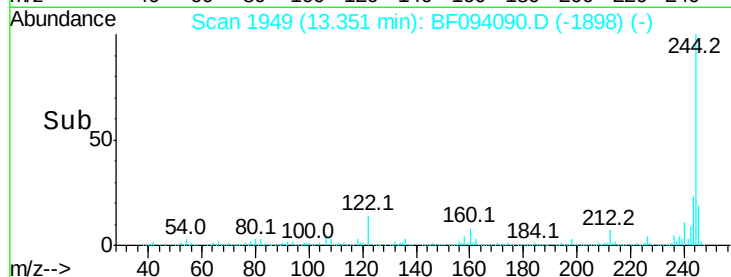
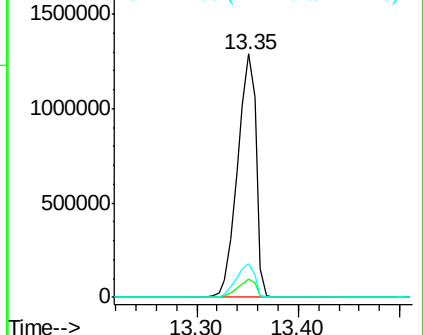
122 13.8 10.3 15.5



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: 53.11 ng

RT: 13.96 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

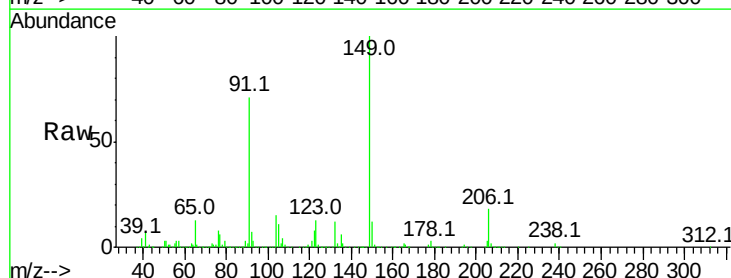
Tgt Ion:149 Resp: 701094

Ion Ratio Lower Upper

149 100

91 70.6 45.0 67.4#

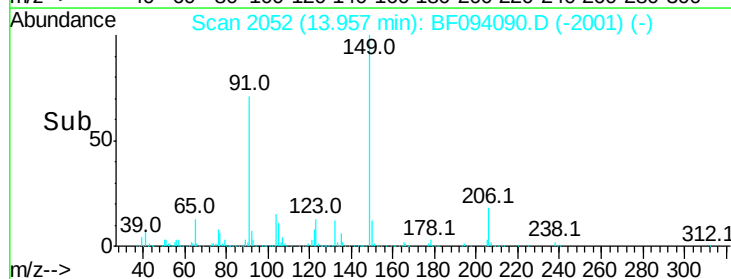
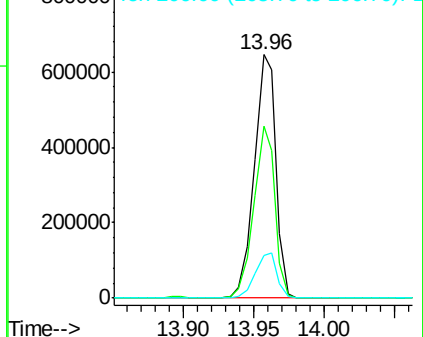
206 17.7 17.0 25.6

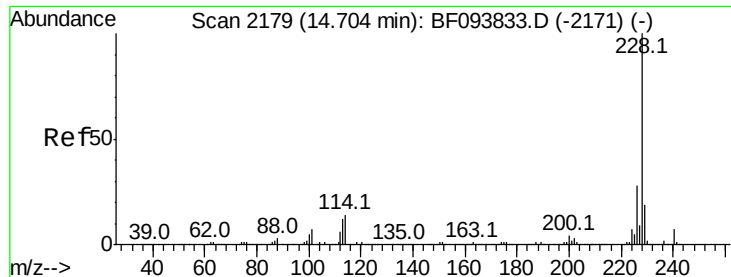


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

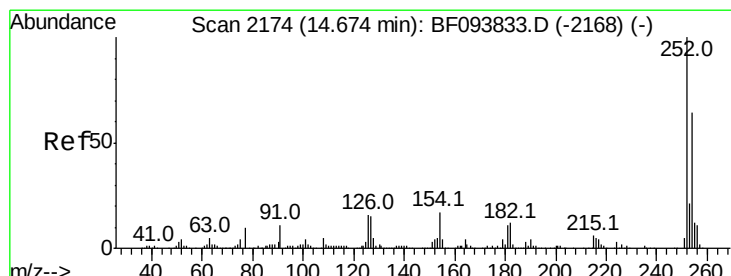
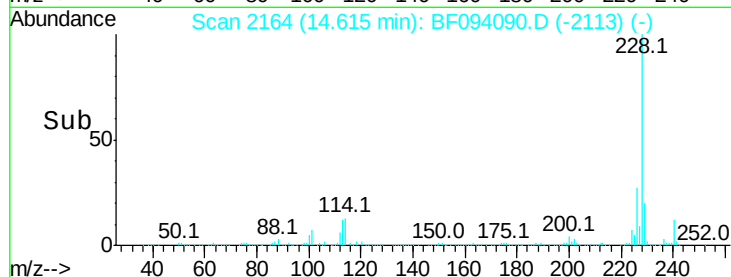
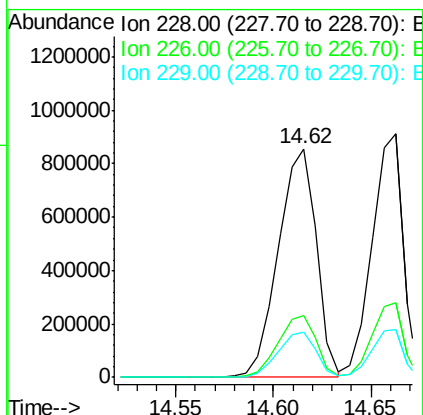
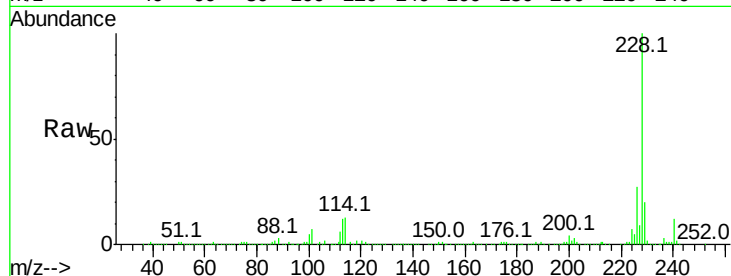




#80
Benzo(a)anthracene
Concen: 46.21 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

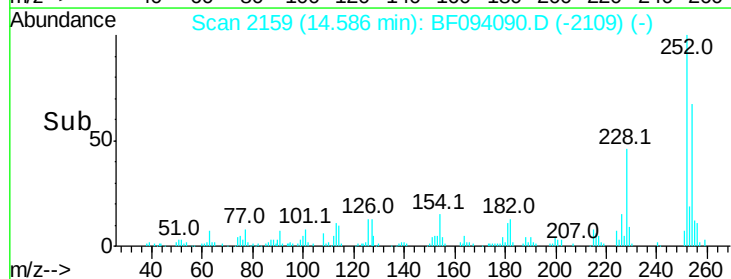
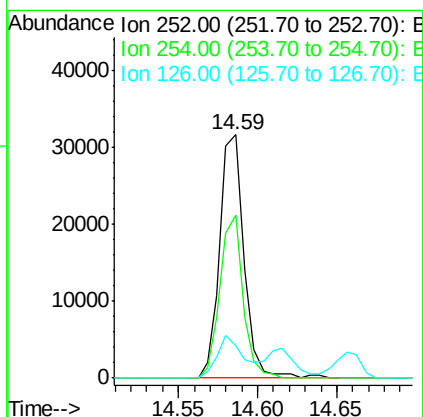
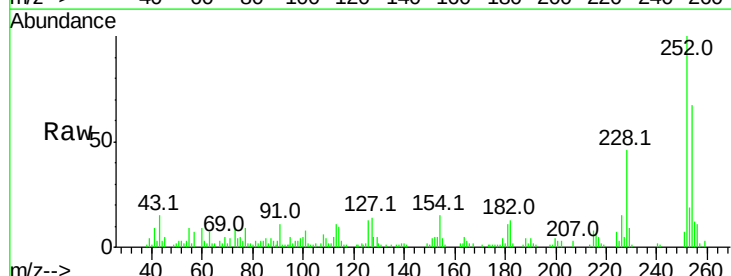
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

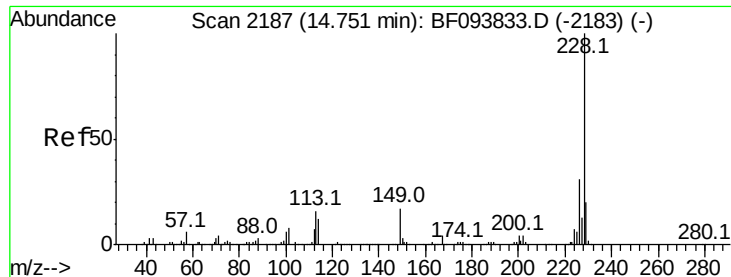
Tot Ion:228 Resp: 1150319
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.8 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 3.80 ng
RT: 14.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion:252 Resp: 33789
Ion Ratio Lower Upper
252 100
254 66.7 51.5 77.3
126 13.4 15.8 23.8#





#82

Chrysene

Concen: 43.59 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

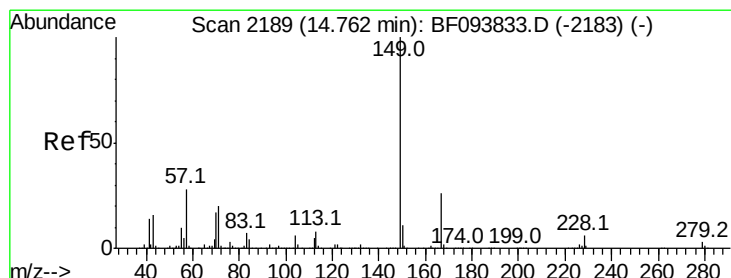
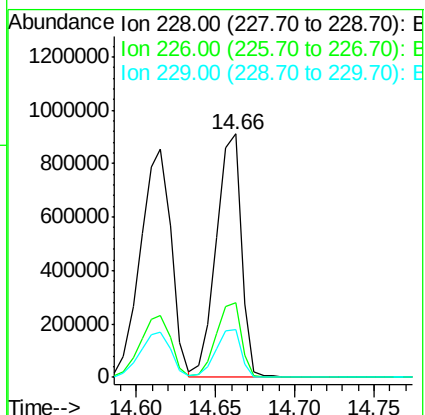
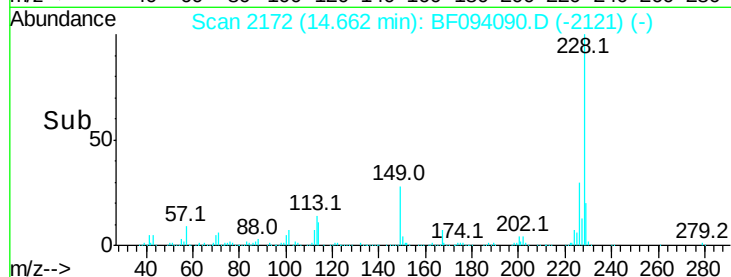
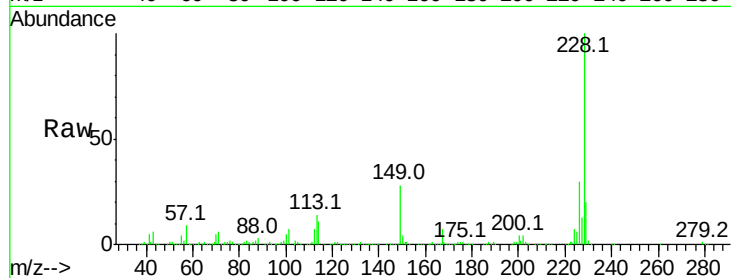
BNA_F

ClientSampleId :

WC-B42-B51-001MSD

Tot Ion:228 Resp: 1006840

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.7	15.8	23.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 52.54 ng

RT: 14.67 min Scan# 2174

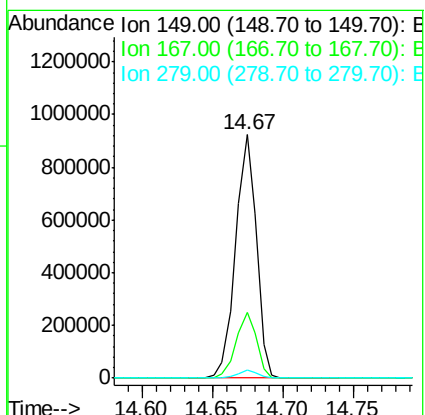
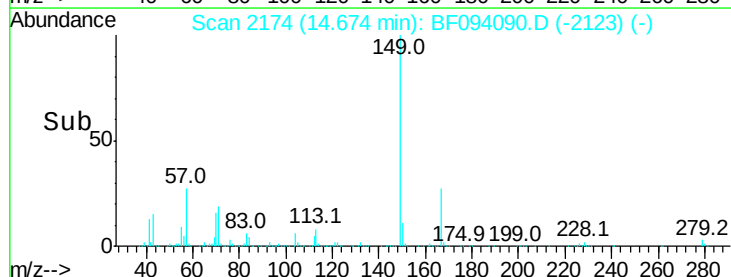
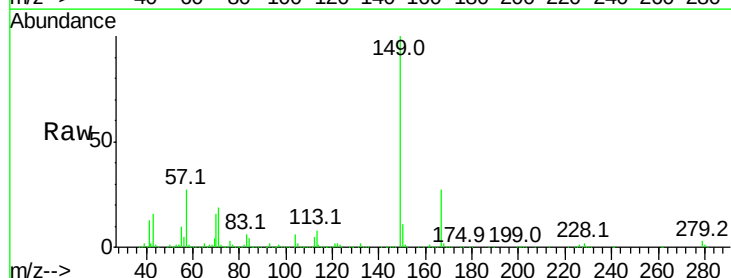
Delta R.T. -0.00 min

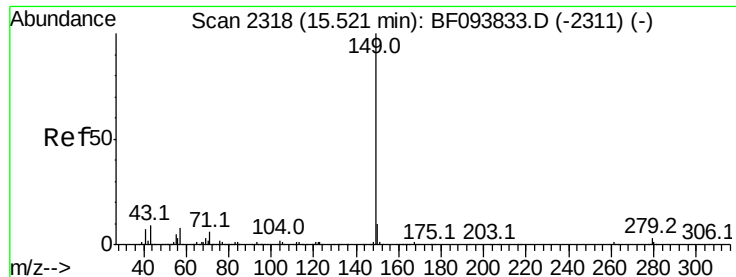
Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Tgt Ion:149 Resp: 946202

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	3.2	1.9	2.9#

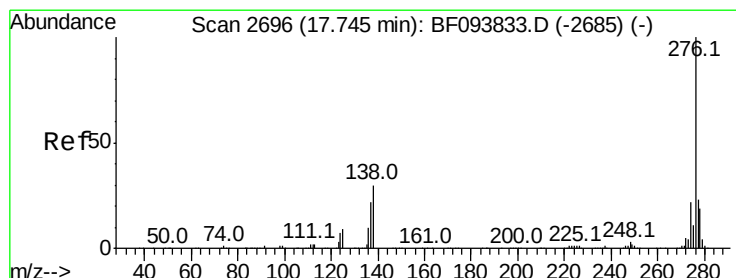
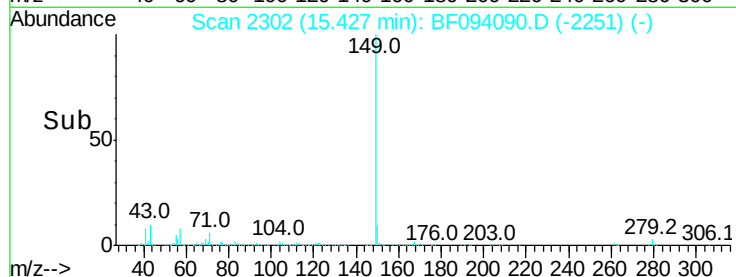
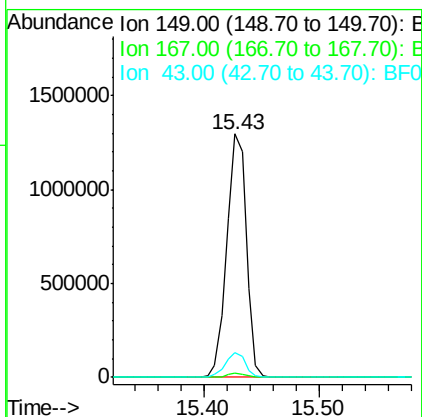
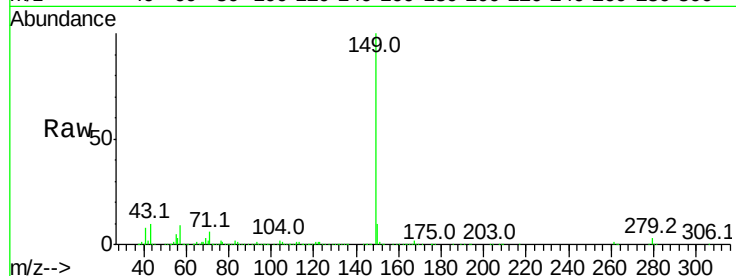




#84
Di-n-octyl phthalate
Concen: 50.66 ng
RT: 15.43 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

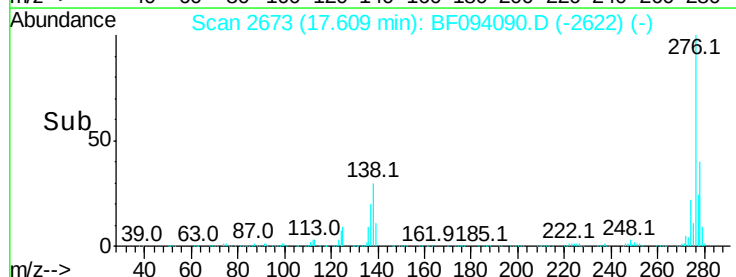
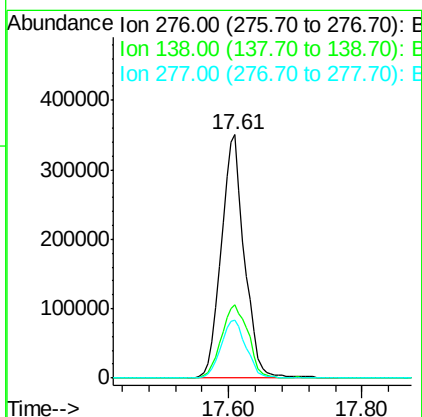
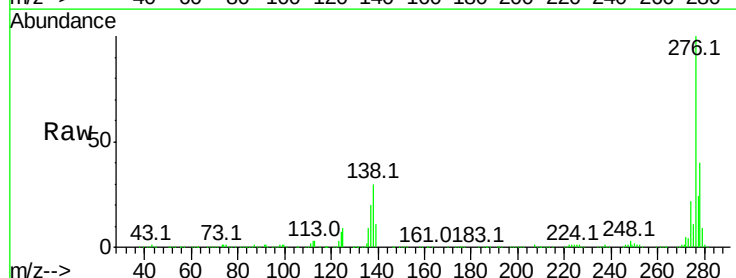
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

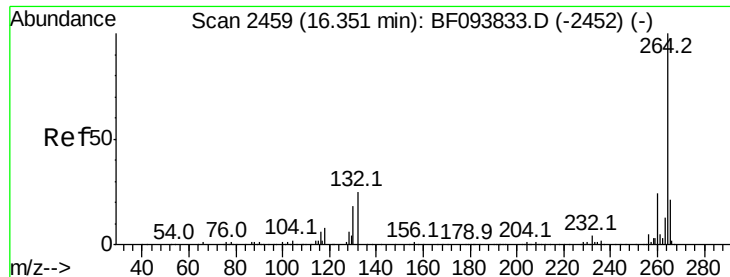
Tot Ion:149 Resp: 1524169
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.93 ng
RT: 17.61 min Scan# 2673
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion:276 Resp: 858784
Ion Ratio Lower Upper
276 100
138 34.6 27.8 41.6
277 25.7 20.2 30.4

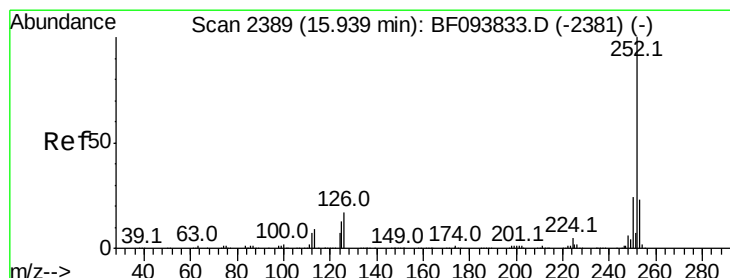
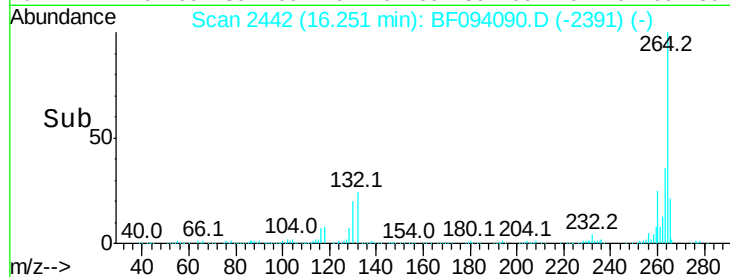
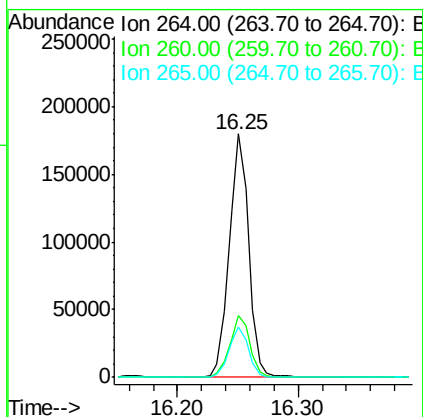
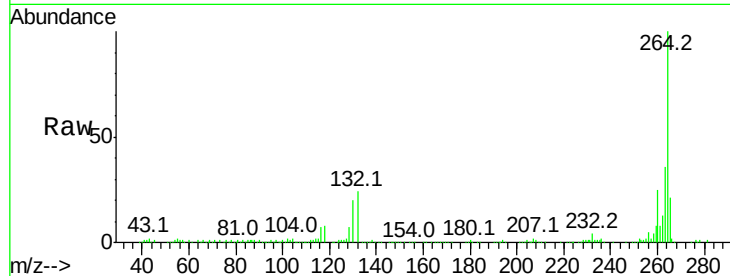




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

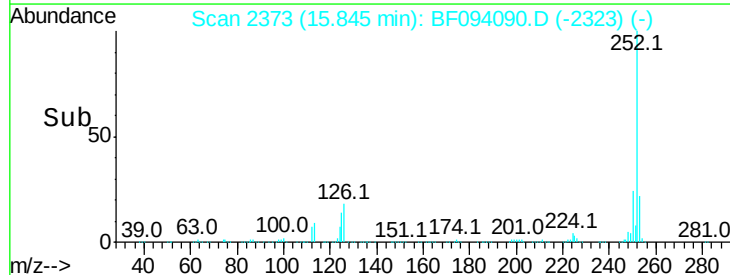
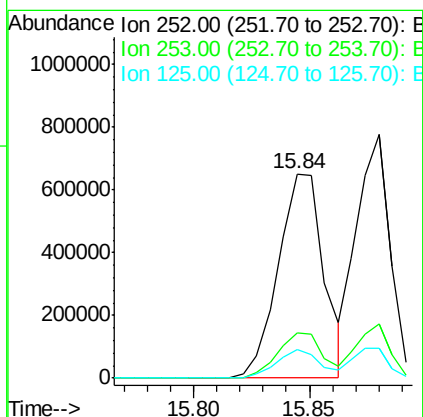
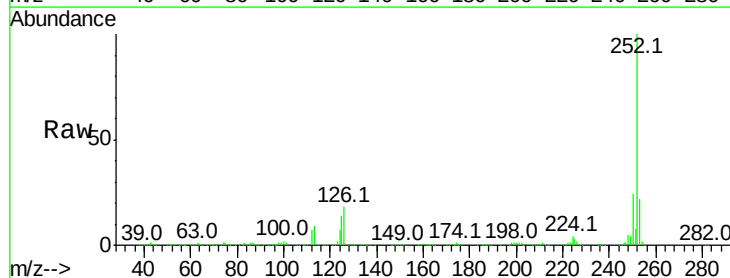
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

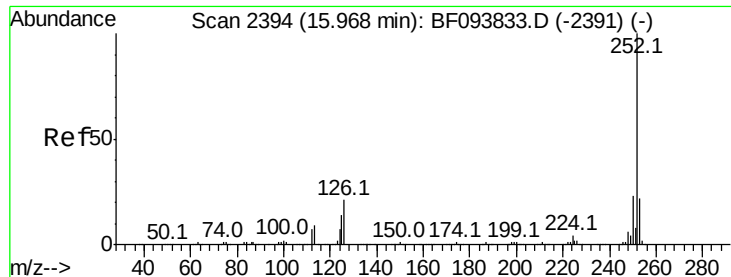
Tot Ion:264 Resp: 202432
Ion Ratio Lower Upper
264 100
260 25.3 19.5 29.3
265 20.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 72.04 ng
RT: 15.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion:252 Resp: 893956
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 14.3 9.8 14.8

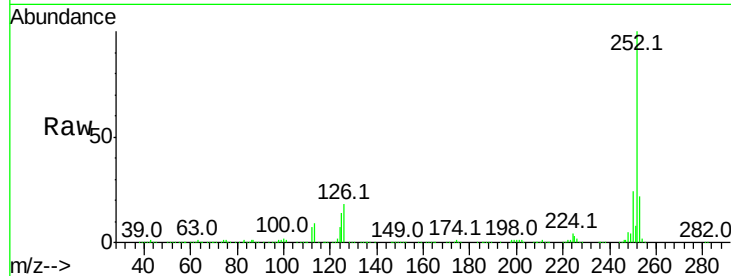




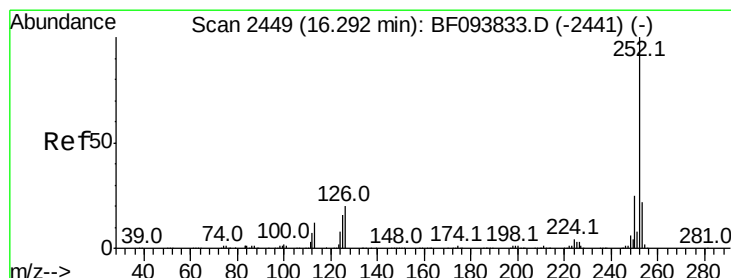
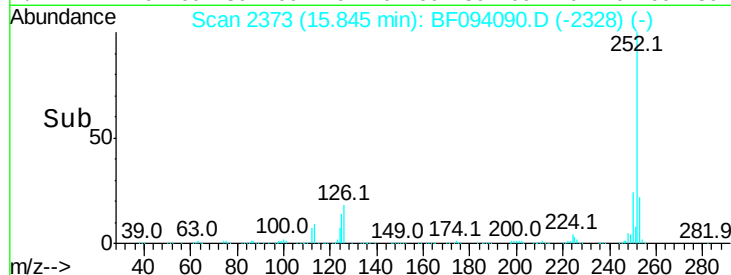
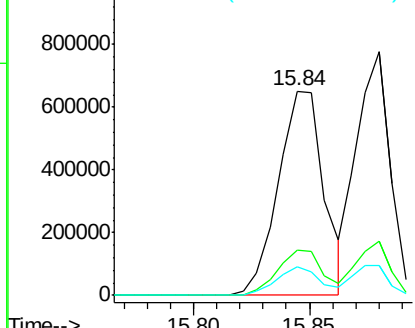
#88
Benzo(k)fluoranthene
Concen: 73.63 ng
RT: 15.84 min Scan# 2373
Delta R.T. -0.04 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	14.3	13.1	19.7

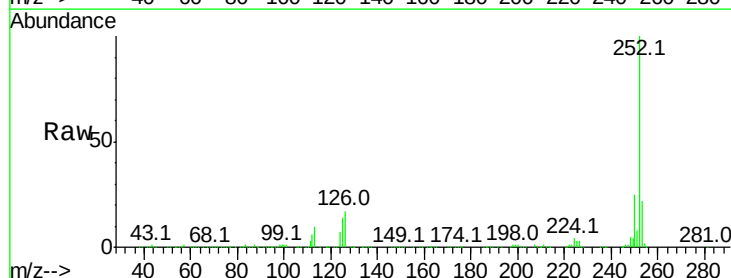


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

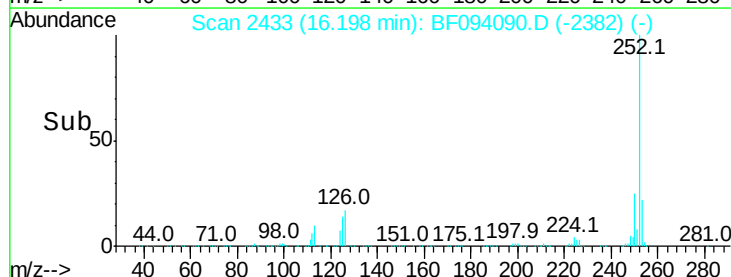
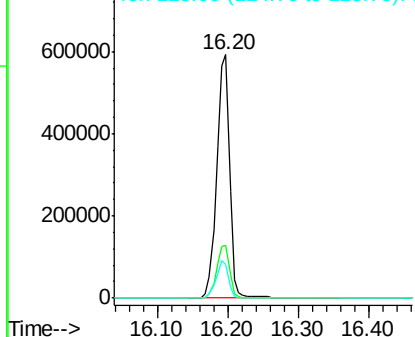


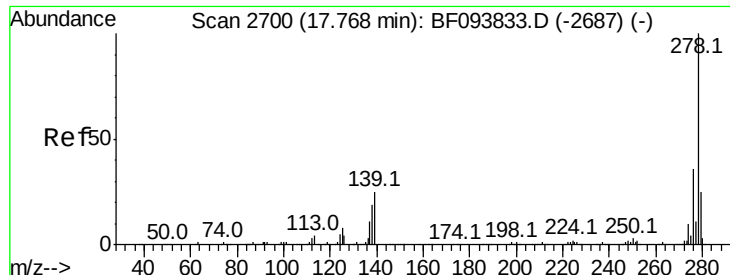
#89
Benzo(a)pyrene
Concen: 65.59 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BF094090.D
Acq: 31 Mar 2017 12:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	13.7	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: 75.65 ng

RT: 17.63 min Scan# 2676

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MSD

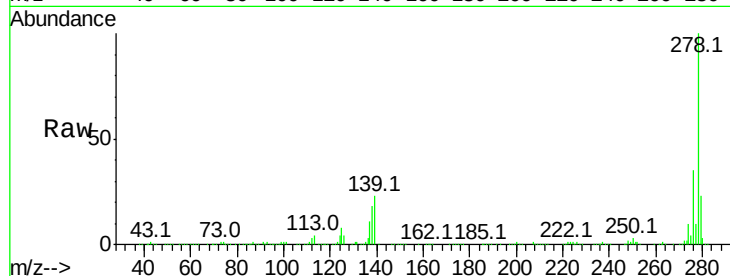
Tot Ion:278 Resp: 732062

Ion Ratio Lower Upper

278 100

139 22.7 16.6 24.8

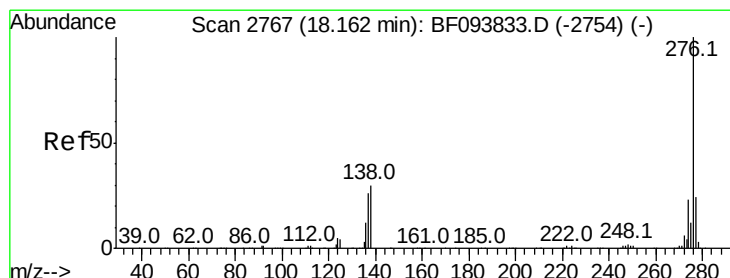
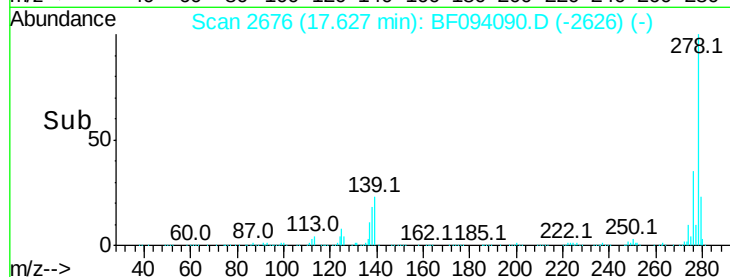
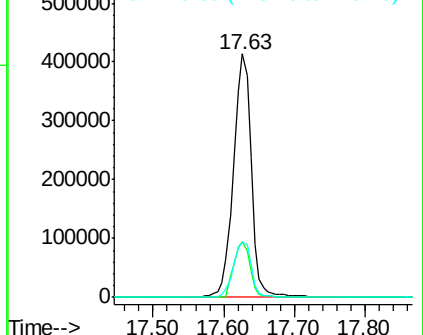
279 22.9 19.3 28.9



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: 72.43 ng

RT: 18.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BF094090.D

Acq: 31 Mar 2017 12:15

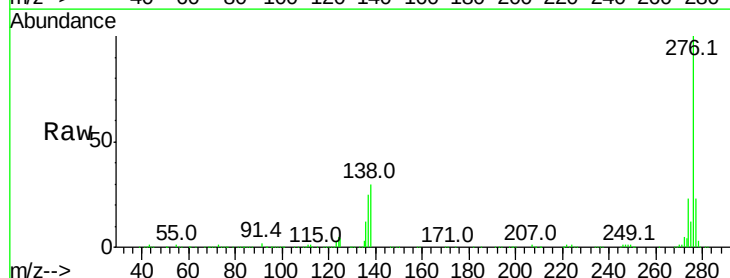
Tgt Ion:276 Resp: 706353

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 29.6 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

