

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094097.D
 Acq On : 31 Mar 2017 15:44
 Operator : SJ/MA
 Sample : I2458-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 23:07:17 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	176239	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	703823	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	307759	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	521936	20.00	ng	0.00
75) Chrysene-d12	14.63	240	369413	20.00	ng	0.00
86) Perylene-d12	16.25	264	266704	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.45	112	1433092	137.34	ng	0.01
7) Phenol-d6	5.52	99	1836501	142.27	ng	0.00
23) Nitrobenzene-d5	6.56	82	1148311	93.11	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	374685	154.07	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1950370	96.66	ng	0.00
78) Terphenyl-d14	13.35	244	1489482	90.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	198154	39.53	ng	98
3) Pyridine	2.81	79	97469	7.13	ng	99
4) n-Nitrosodimethylamine	2.75	42	266871	47.47	ng	91
6) Aniline	5.53	93	476480	26.54	ng	# 1
8) 2-Chlorophenol	5.67	128	586665	51.15	ng	96
9) Benzaldehyde	5.39	77	121742	13.97	ng	100
10) Phenol	5.53	94	713357	48.56	ng	92
11) bis(2-Chloroethyl)ether	5.61	93	548149	47.75	ng	98
12) 1,3-Dichlorobenzene	5.83	146	614821	47.79	ng	98
13) 1,4-Dichlorobenzene	5.92	146	620633	47.63	ng	97
14) 1,2-Dichlorobenzene	6.10	146	574695	47.89	ng	95
15) Benzyl Alcohol	6.07	79	476697	50.45	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.23	45	754817	42.67	ng	96
17) 2-Methylphenol	6.22	107	496940	50.59	ng	95
18) Hexachloroethane	6.49	117	214863	46.91	ng	89
19) n-Nitroso-di-n-propylamine	6.39	70	398972	48.09	ng	97
20) 3+4-Methylphenols	6.39	107	617691	51.92	ng	# 64
22) Acetophenone	6.37	105	829090	52.85	ng	# 87
24) Nitrobenzene	6.57	77	601524	49.45	ng	95
25) Isophorone	6.86	82	1076605	49.68	ng	96
26) 2-Nitrophenol	6.95	139	331489	57.15	ng	98
27) 2,4-Dimethylphenol	7.02	122	532261	53.25	ng	98
28) bis(2-Chloroethoxy)methane	7.12	93	698496	48.88	ng	100
29) 2,4-Dichlorophenol	7.25	162	509804	54.55	ng	97
30) 1,2,4-Trichlorobenzene	7.34	180	485763	50.47	ng	97
31) Naphthalene	7.43	128	1637591	48.39	ng	100
32) Benzoic acid	7.16	122	181693	27.31	ng	94
33) 4-Chloroaniline	7.50	127	455582	33.21	ng	94
34) Hexachlorobutadiene	7.59	225	239044	48.43	ng	99
35) Caprolactam	7.95	113	71212	23.90	ng	94
36) 4-Chloro-3-methylphenol	8.12	107	536266	54.92	ng	88
37) 2-Methylnaphthalene	8.27	142	1130082	50.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	417826	49.63	ng	98
40) Hexachlorocyclopentadiene	8.47	237	380053	96.47	ng	99

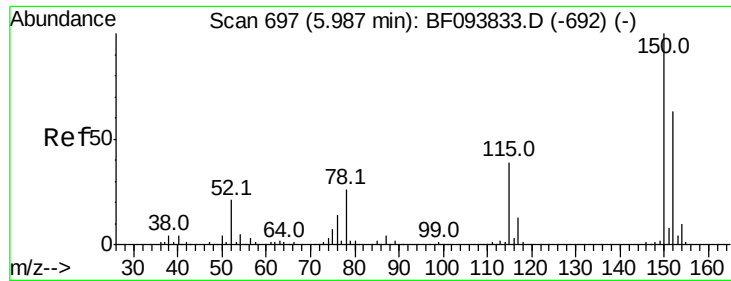
Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094097.D
 Acq On : 31 Mar 2017 15:44
 Operator : SJ/MA
 Sample : I2458-04MS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	336522	56.50	nq	98
43) 2,4,5-Trichlorophenol	8.68	196	339832	52.73	nq	95
45) 1,1'-Biphenyl	8.85	154	1242077	50.04	nq	98
46) 2-Chloronaphthalene	8.87	162	999611	51.44	nq	95
47) 2-Nitroaniline	9.00	65	310852	53.93	nq	# 84
48) Acenaphthylene	9.38	152	1554123	48.12	nq	99
49) Dimethylphthalate	9.25	163	1261056	57.64	nq	99
50) 2,6-Dinitrotoluene	9.30	165	271298	54.10	nq	# 88
51) Acenaphthene	9.59	154	930105	49.36	nq	99
52) 3-Nitroaniline	9.50	138	229585	38.99	nq	92
53) 2,4-Dinitrophenol	9.64	184	195054	73.11	nq	# 72
54) Dibenzofuran	9.80	168	1313713	51.21	nq	99
55) 4-Nitrophenol	9.75	139	403741	87.55	nq	# 71
56) 2,4-Dinitrotoluene	9.80	165	322938	51.26	nq	# 67
57) Fluorene	10.22	166	991722	46.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	244177	55.21	nq	97
59) Diethylphthalate	10.11	149	1100634	50.90	nq	99
60) 4-Chlorophenyl-phenylether	10.23	204	424277	46.82	nq	94
61) 4-Nitroaniline	10.27	138	289967	51.31	nq	98
62) Azobenzene	10.43	77	1083616	52.98	nq	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	163431	51.13	nq	# 69
65) n-Nitrosodiphenylamine	10.38	169	927670	51.39	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	267702	52.15	nq	95
67) Hexachlorobenzene	10.90	284	277428	53.39	nq	# 84
68) Atrazine	11.05	200	259345	47.97	nq	97
69) Pentachlorophenol	11.15	266	274519	84.88	nq	98
70) Phenanthrene	11.40	178	1455105	50.12	nq	99
71) Anthracene	11.47	178	1493320	49.95	nq	100
72) Carbazole	11.67	167	1431053	46.68	nq	99
73) Di-n-butylphthalate	12.12	149	1625159	50.98	nq	99
74) Fluoranthene	12.86	202	1438403	48.38	nq	99
76) Benzidine	13.03	184	50576	3.46	nq	94
77) Pyrene	13.14	202	1457545	54.37	nq	100
79) Butylbenzylphthalate	13.96	149	675102	59.10	nq	# 85
80) Benzo(a)anthracene	14.61	228	1079226	50.10	nq	100
81) 3,3'-Dichlorobenzidine	14.59	252	274736	35.68	nq	# 96
82) Chrysene	14.66	228	947916	47.42	nq	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	897430	57.58	nq	# 100
84) Di-n-octyl phthalate	15.43	149	1357494	52.14	nq	97
85) Indeno(1,2,3-cd)pyrene	17.60	276	856678	49.48	nq	100
87) Benzo(b)fluoranthene	15.84	252	791540	48.42	nq	98
88) Benzo(k)fluoranthene	15.87	252	800065	50.02	nq	96
89) Benzo(a)pyrene	16.19	252	749684	49.80	nq	98
90) Dibenzo(a,h)anthracene	17.63	278	704425	55.25	nq	99
91) Benzo(g,h,i)perylene	18.00	276	731728	56.95	nq	98

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

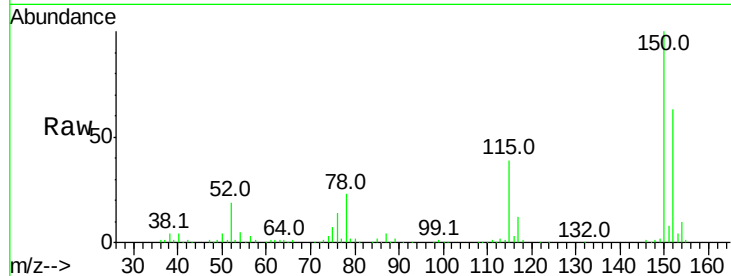


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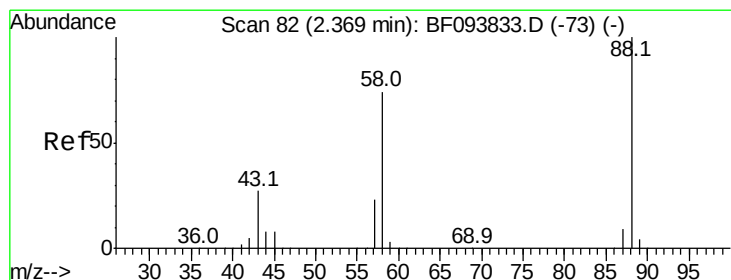
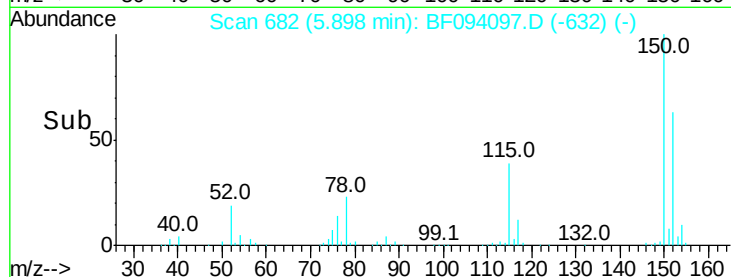
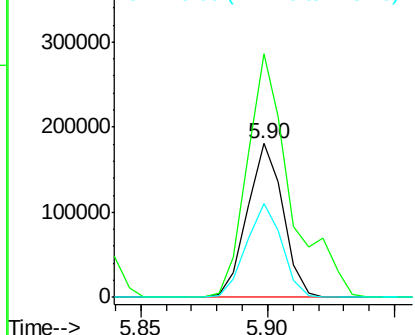
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 176239
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 61.5 52.2 78.2



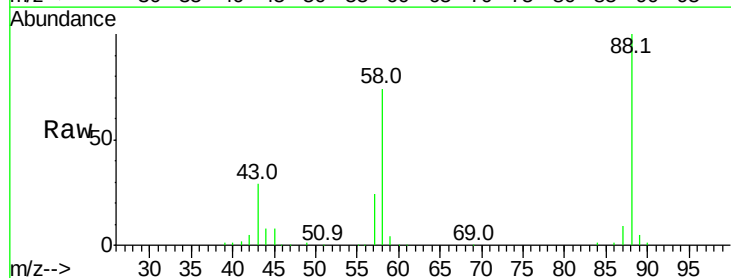
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



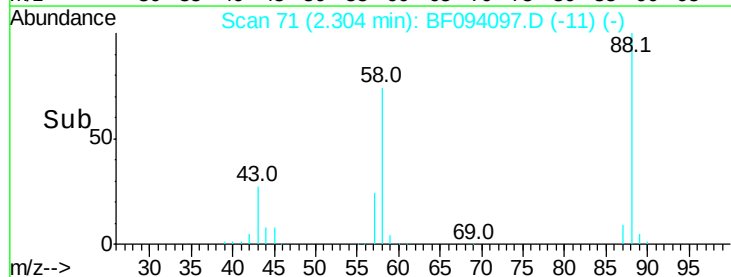
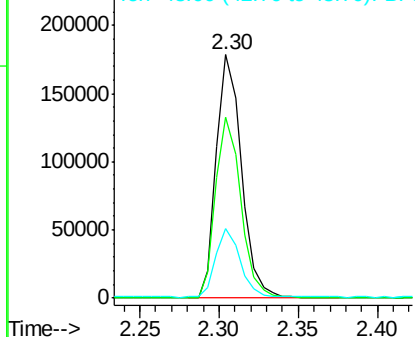
#2

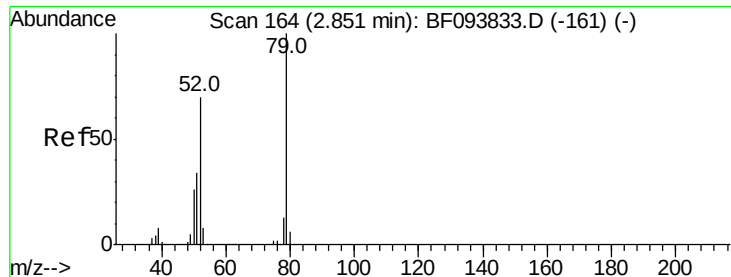
1,4-Dioxane
Concen: 39.53 ng
RT: 2.30 min Scan# 71
Delta R.T. 0.05 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 88 Resp: 198154
Ion Ratio Lower Upper
88 100
58 74.6 61.4 92.0
43 27.8 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: 7.13 ng

RT: 2.81 min Scan# 157

Delta R.T. 0.06 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

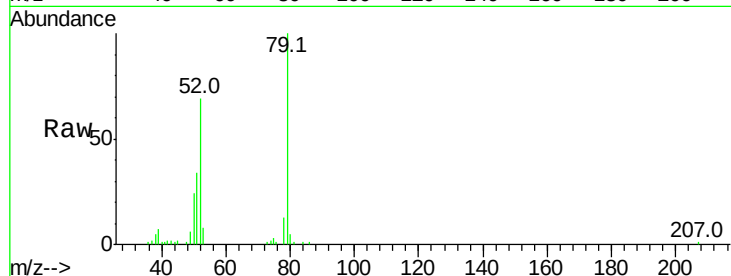
Tot Ion: 79 Resp: 97469

Ion Ratio Lower Upper

79 100

52 69.0 54.8 82.2

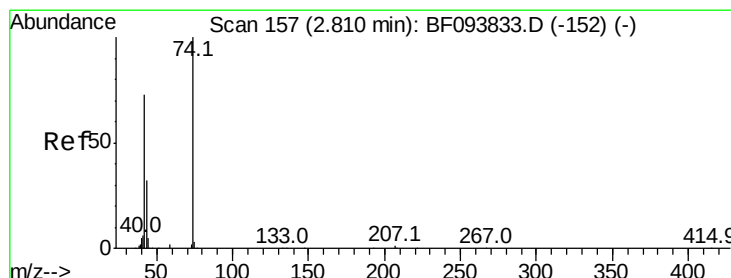
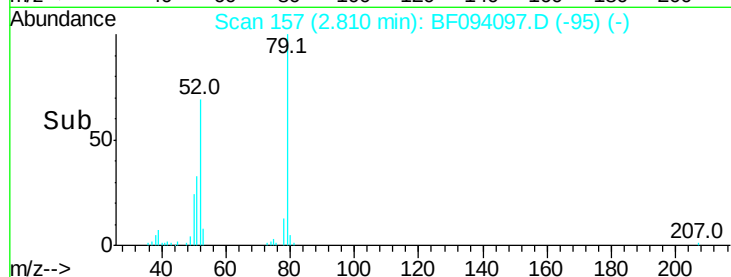
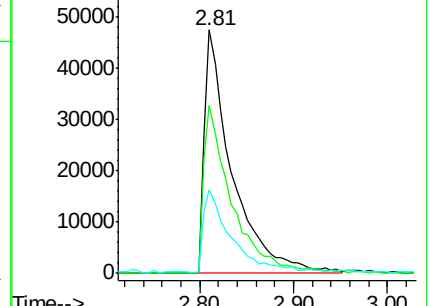
51 34.1 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 47.47 ng

RT: 2.75 min Scan# 147

Delta R.T. 0.04 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

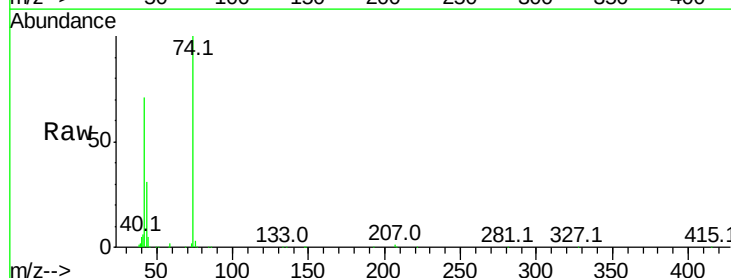
Tgt Ion: 42 Resp: 266871

Ion Ratio Lower Upper

42 100

74 140.7 103.9 155.9

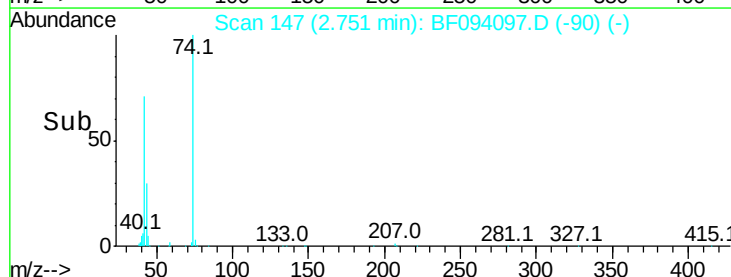
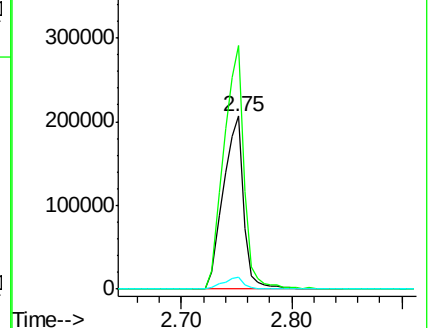
44 6.6 5.7 8.5

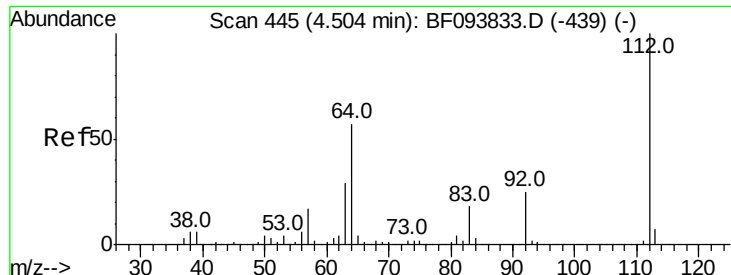


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

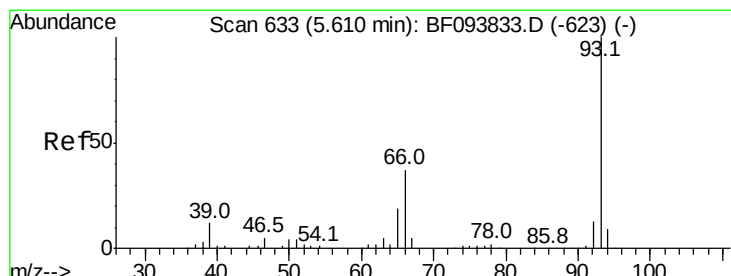
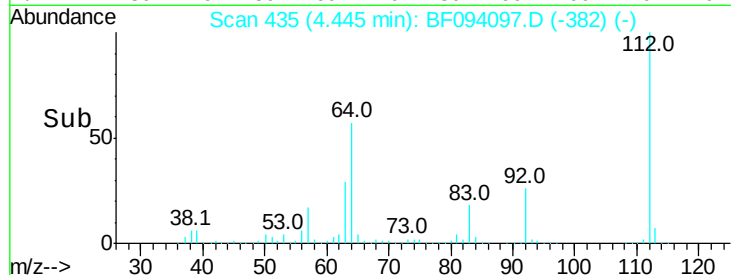
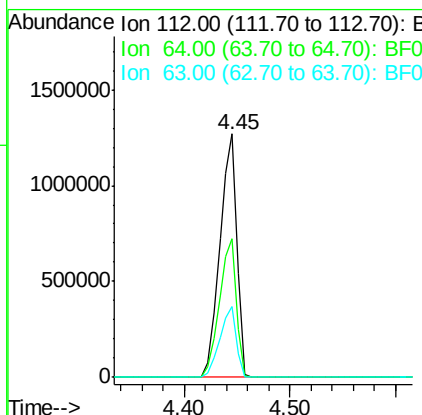
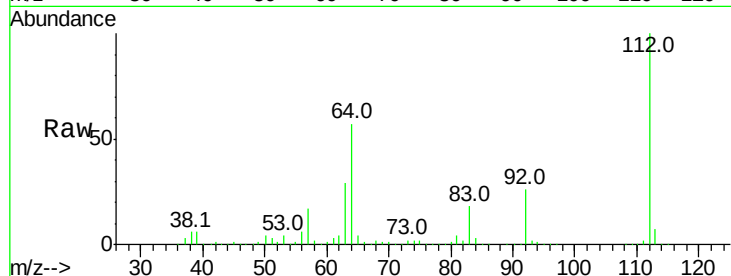




#5
 2-Fluorophenol
 Concen: 137.34 ng
 RT: 4.45 min Scan# 435
 Delta R.T. 0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

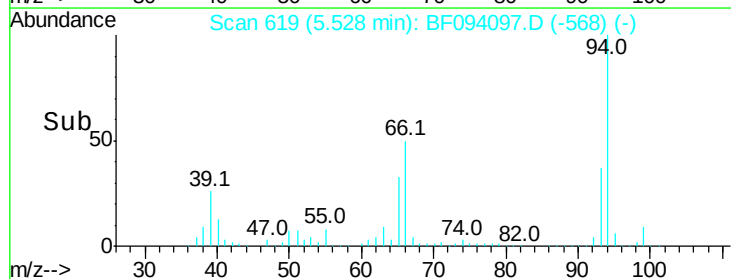
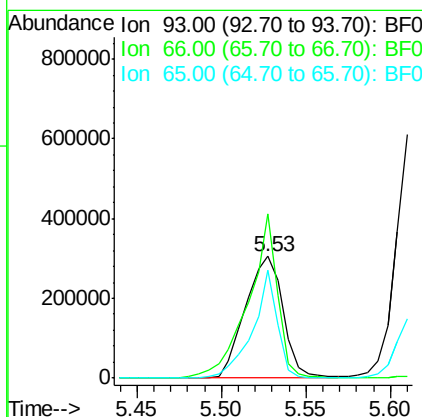
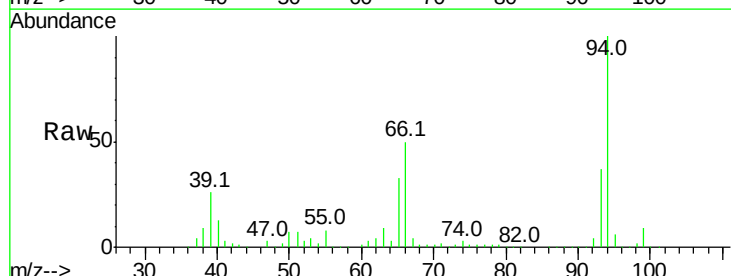
Instrument :
 BNA_F
 ClientSampled :

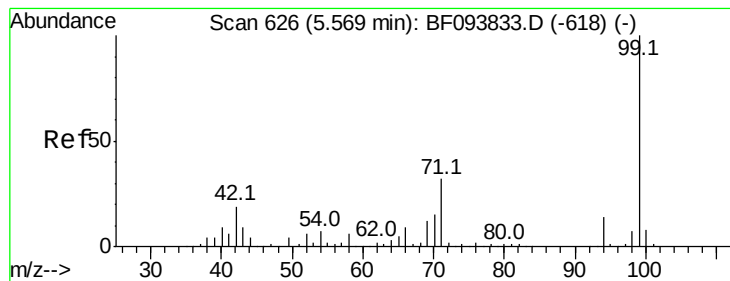
Tot Ion:112 Resp: 1433092
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.0 69.0
 63 29.2 23.4 35.0



#6
 Aniline
 Concen: 26.54 ng
 RT: 5.53 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion: 93 Resp: 476480
 Ion Ratio Lower Upper
 93 100
 66 135.2 32.9 49.3#
 65 88.9 16.0 24.0#





#7

Phenol-d6

Concen: 142.27 ng

RT: 5.52 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

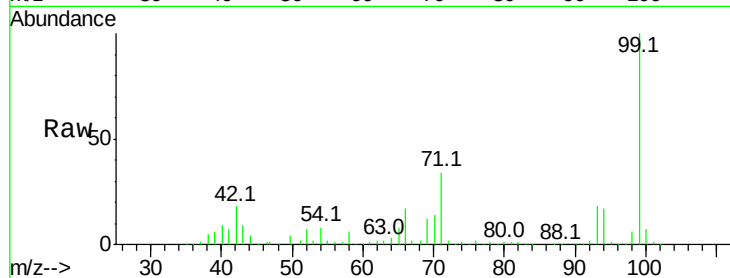
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1836501

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	33.7	24.5	36.7

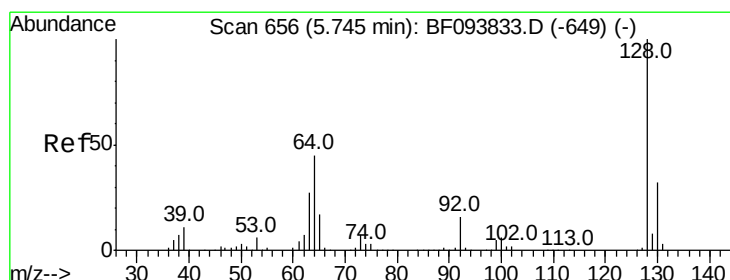
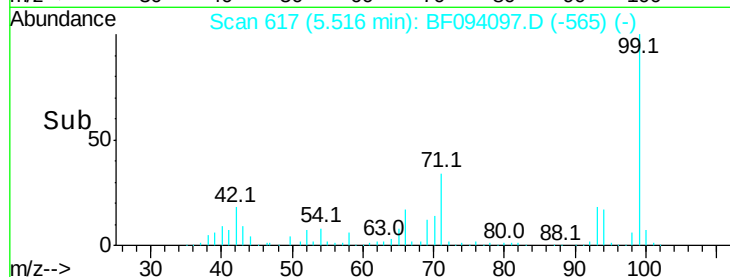
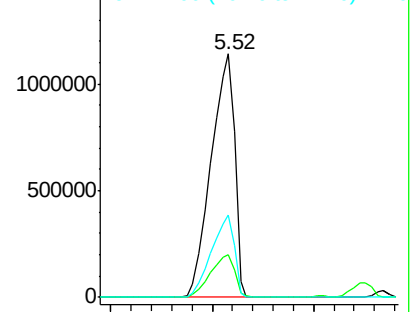


Abundance

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: 51.15 ng

RT: 5.67 min Scan# 643

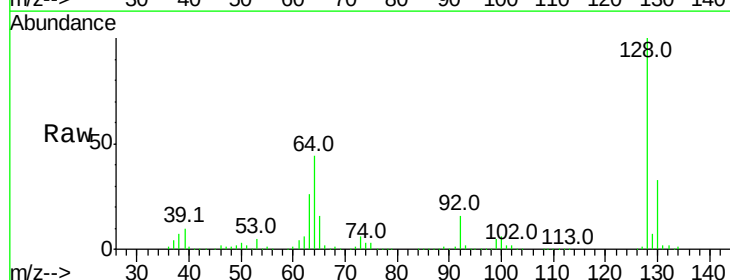
Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Tgt Ion: 128 Resp: 586665

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	43.8	28.4	68.4

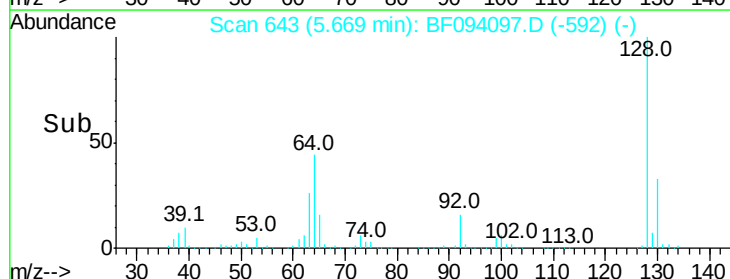
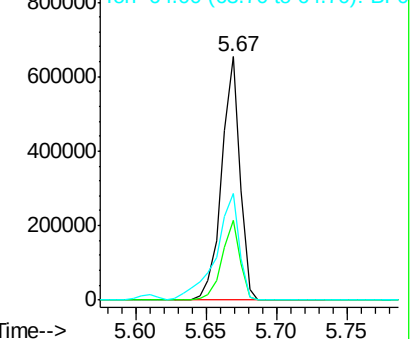


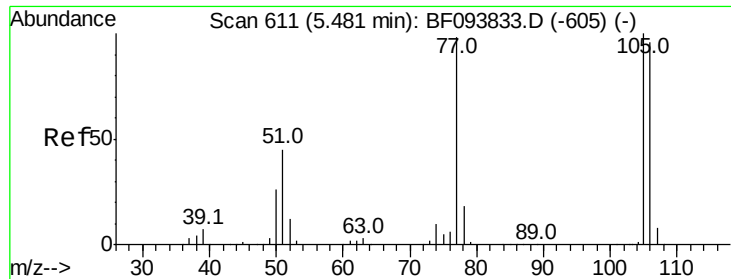
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

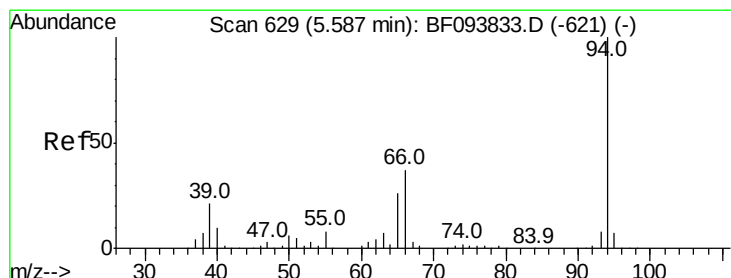
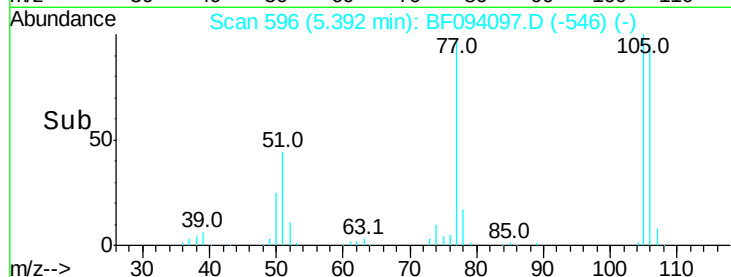
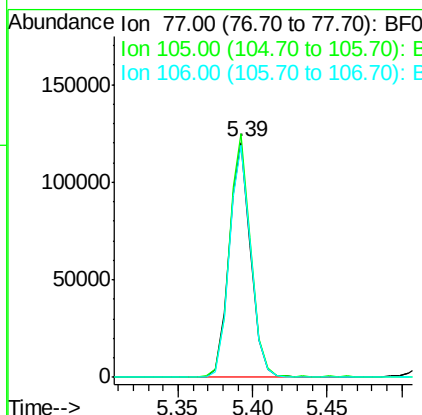
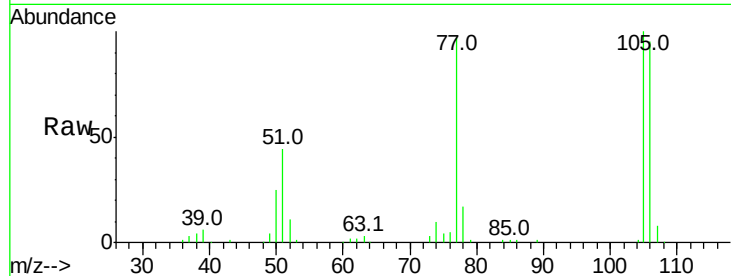




#9
Benzaldehyde
Concen: 13.97 ng
RT: 5.39 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

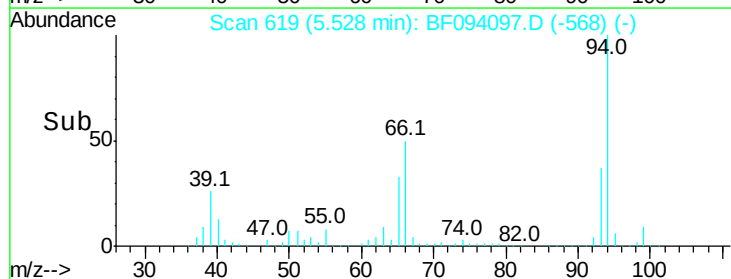
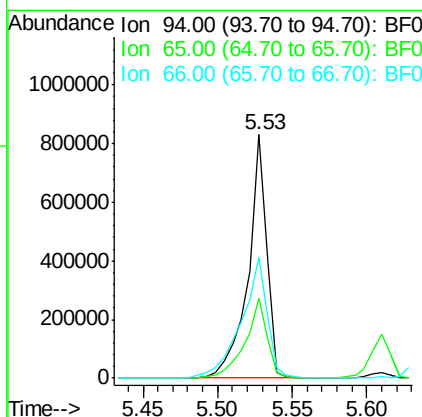
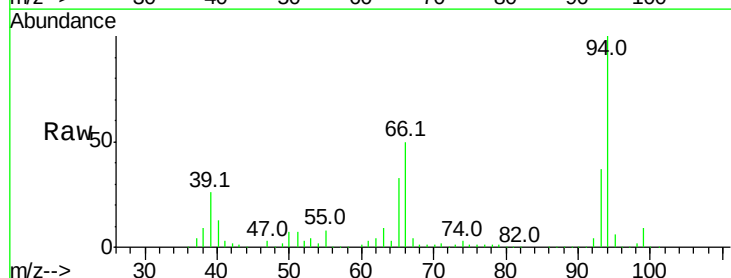
Instrument :
BNA_F
ClientSampleId :

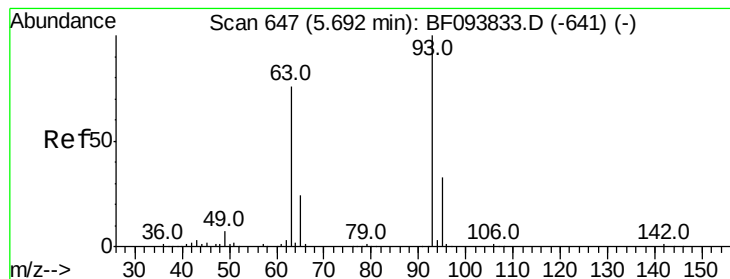
Tot Ion: 77 Resp: 121742
Ion Ratio Lower Upper
77 100
105 103.5 83.8 123.8
106 98.6 79.1 119.1



#10
Phenol
Concen: 48.56 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 94 Resp: 713357
Ion Ratio Lower Upper
94 100
65 32.6 9.9 49.9
66 49.6 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 47.75 ng

RT: 5.61 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

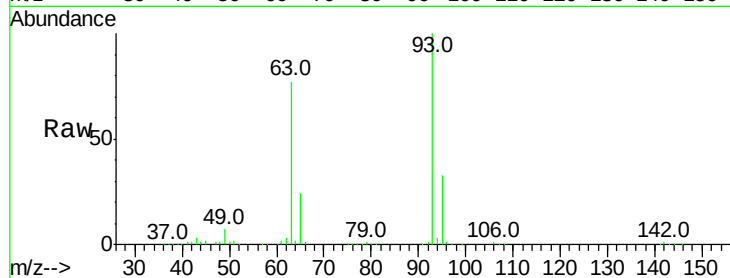
Tot Ion: 93 Resp: 548149

Ion Ratio Lower Upper

93 100

63 76.6 59.2 99.2

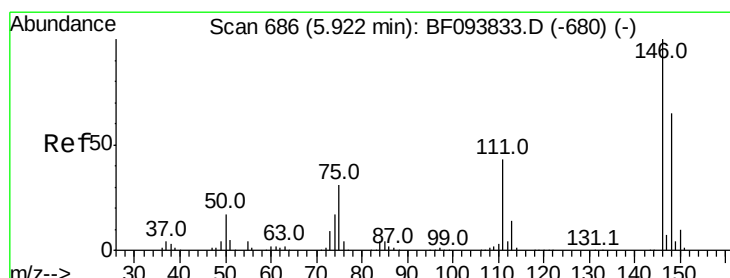
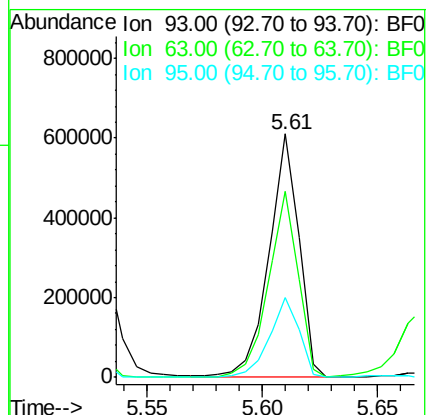
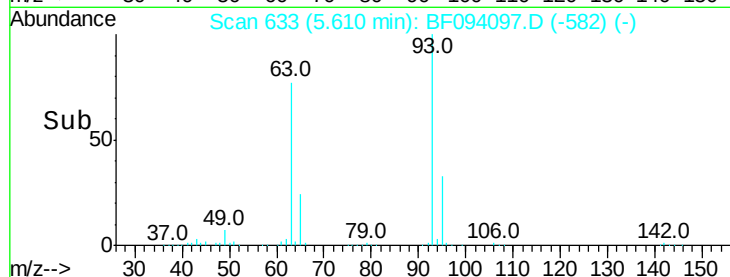
95 32.6 12.8 52.8



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: 47.79 ng

RT: 5.83 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

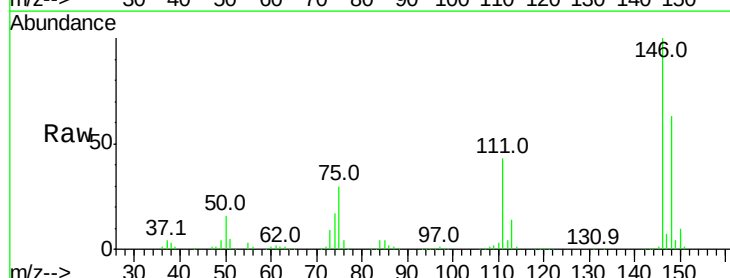
Tgt Ion: 146 Resp: 614821

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

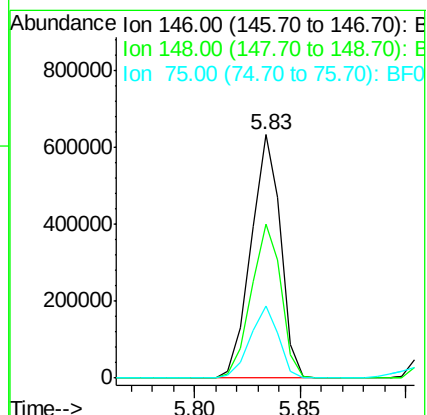
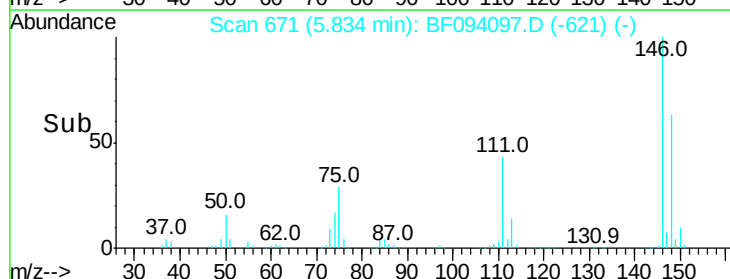
75 29.5 23.1 34.7

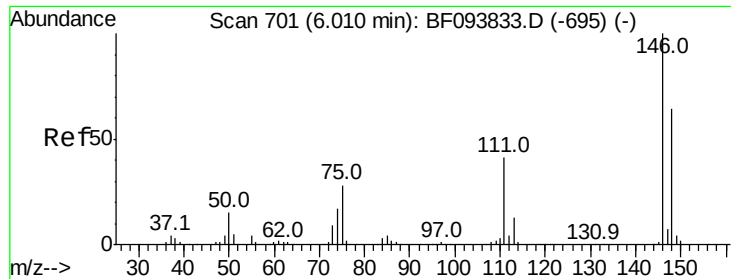


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

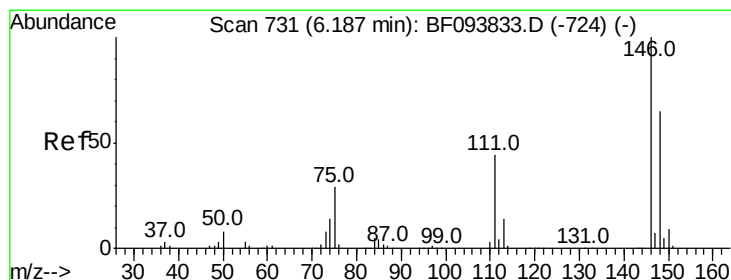
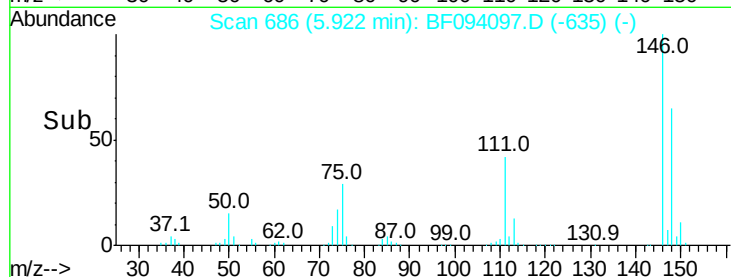
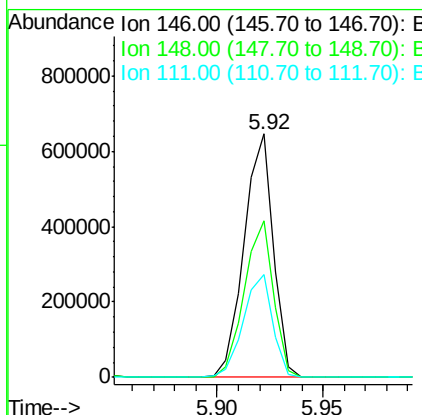
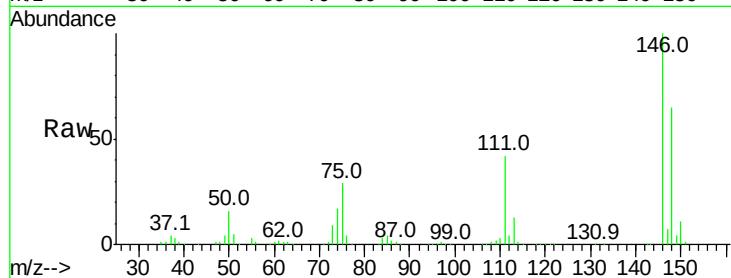




#13
 1,4-Dichlorobenzene
 Concen: 47.63 ng
 RT: 5.92 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

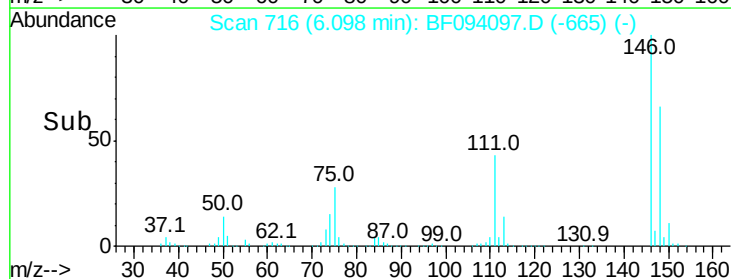
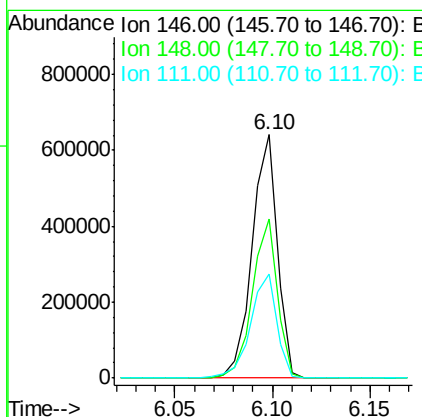
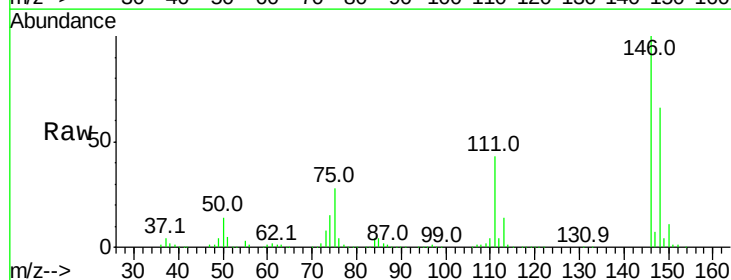
Instrument :
 BNA_F
 ClientSampleId :

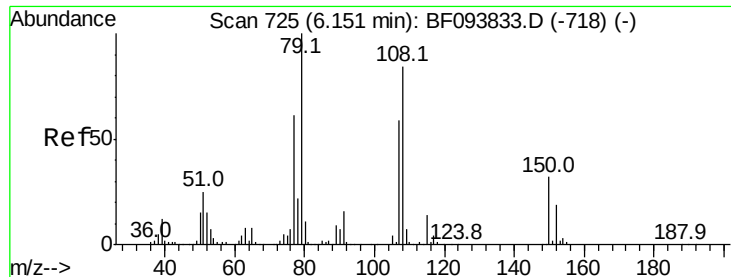
Tot Ion:146 Resp: 620633
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 42.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 47.89 ng
 RT: 6.10 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:146 Resp: 574695
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.4 75.6
 111 42.8 38.2 57.4





#15

Benzyl Alcohol

Concen: 50.45 ng

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampled :

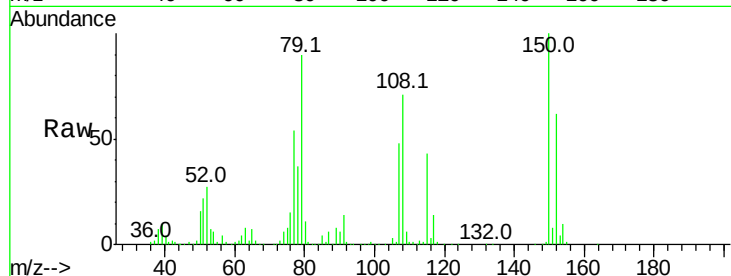
Tot Ion: 79 Resp: 476697

Ion Ratio Lower Upper

79 100

108 78.5 63.4 95.0

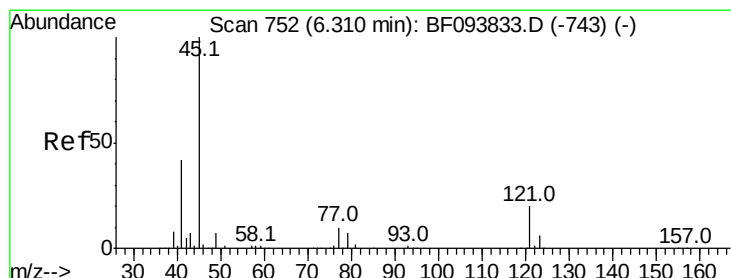
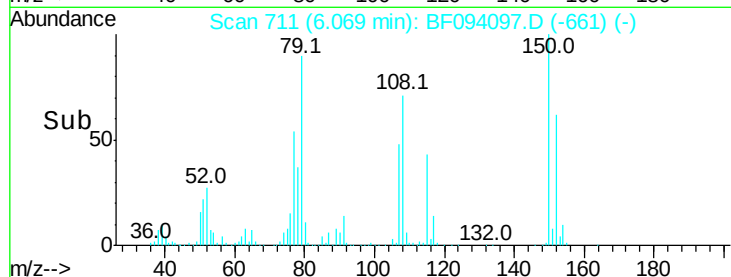
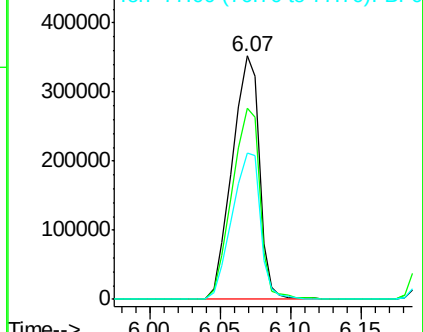
77 60.2 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.67 ng

RT: 6.23 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

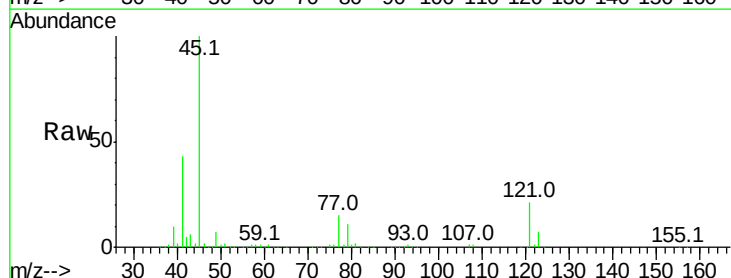
Tgt Ion: 45 Resp: 754817

Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.2

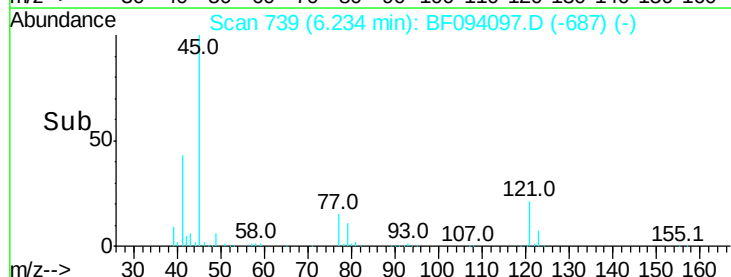
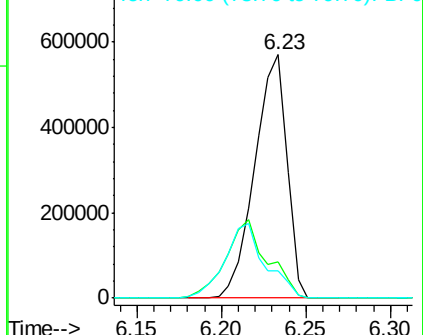
79 11.4 0.0 30.0

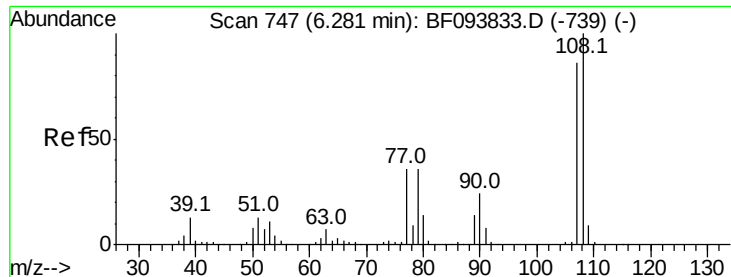


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 50.59 ng

RT: 6.22 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 496940

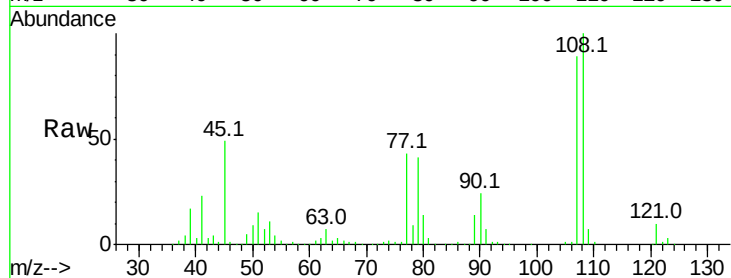
Ion Ratio Lower Upper

107 100

108 111.9 93.4 140.0

77 48.4 35.8 53.6

79 45.9 34.8 52.2

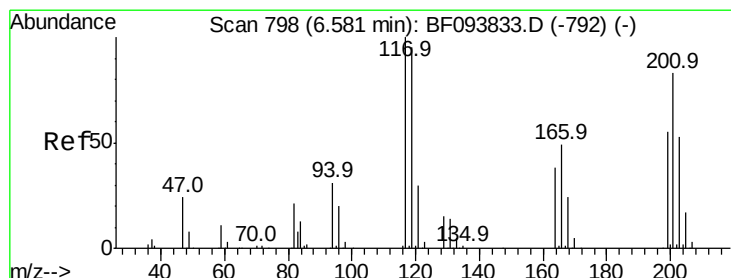
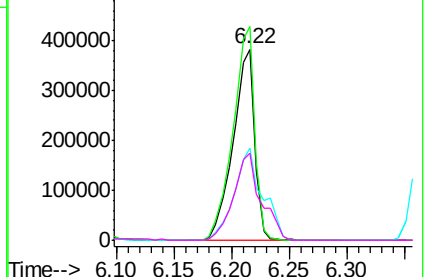
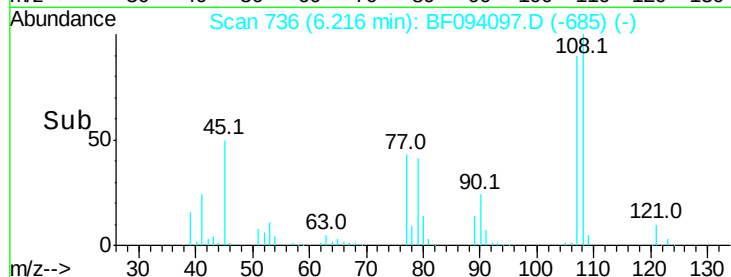


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.91 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

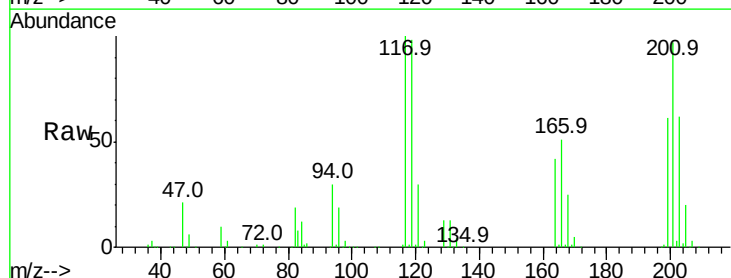
Tgt Ion:117 Resp: 214863

Ion Ratio Lower Upper

117 100

119 97.7 77.4 116.0

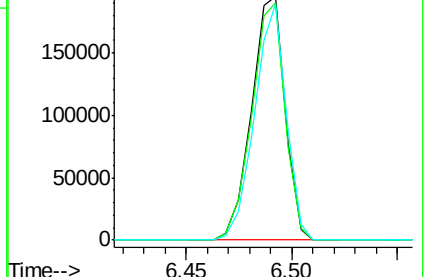
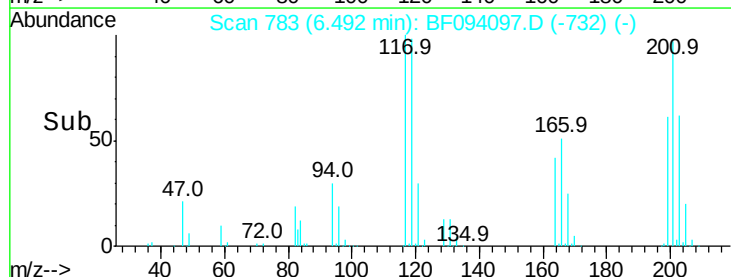
201 96.8 94.6 141.8

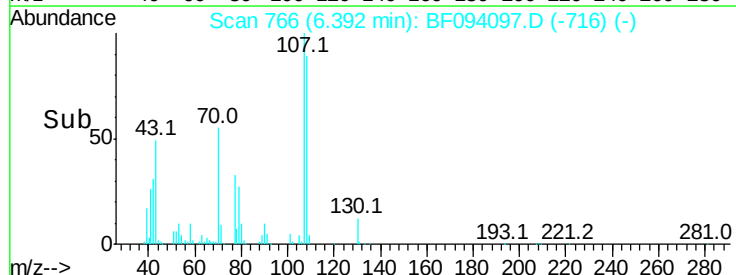
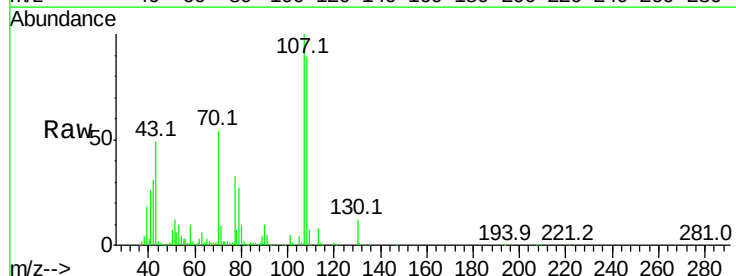
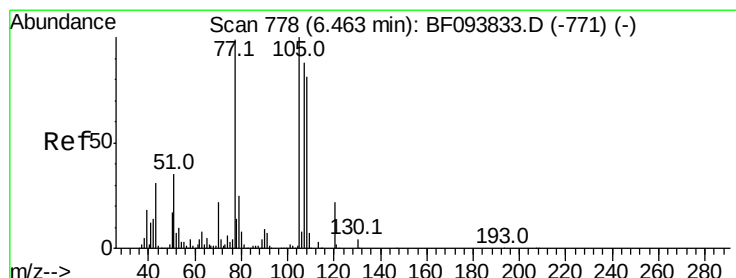
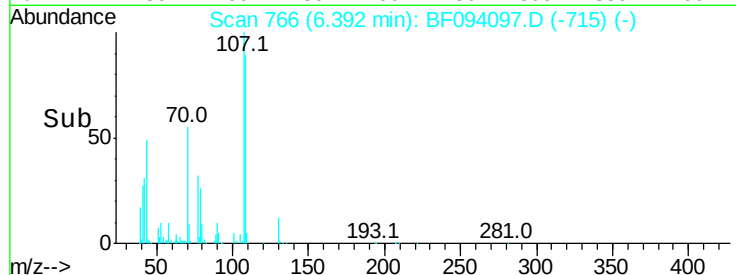
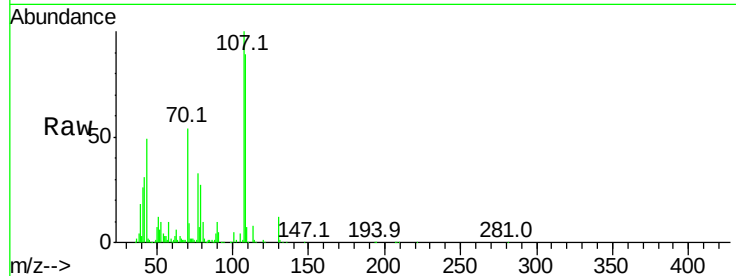
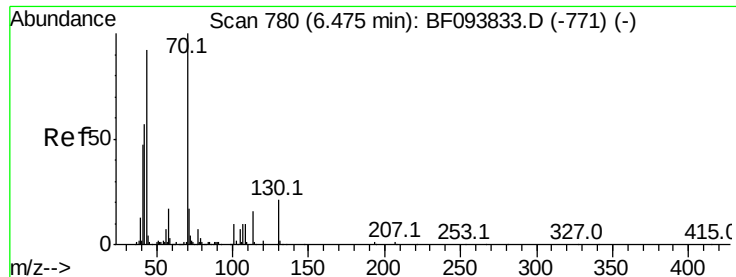


Abundance Ion 117.00 (116.70 to 117.70): E

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: 48.09 ng

RT: 6.39 min Scan# 766

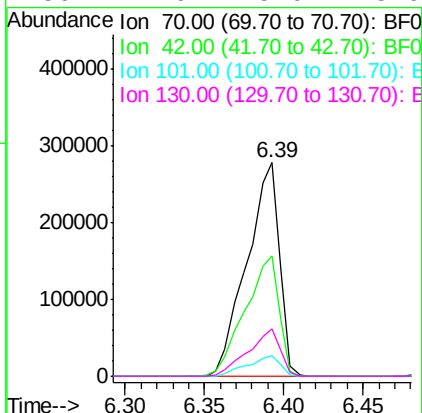
Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.2	70.8
101	9.6	7.2	10.8
130	21.9	15.9	23.9



#20

3+4-Methylphenols

Concen: 51.92 ng

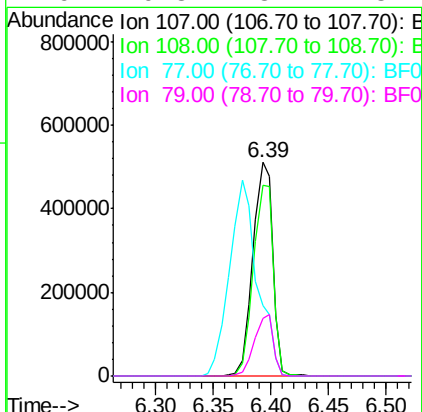
RT: 6.39 min Scan# 766

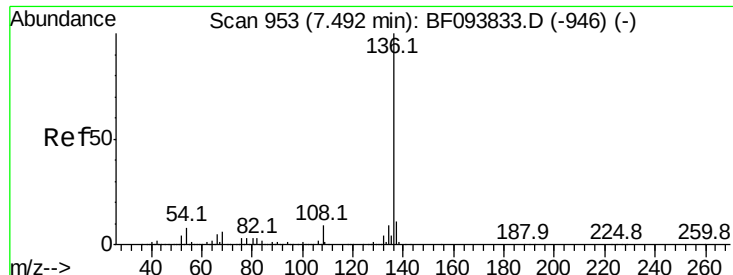
Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.0	111.0
77	33.0	90.5	130.5#
79	26.8	8.4	48.4

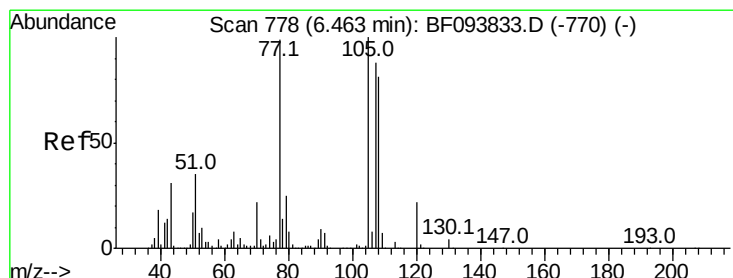
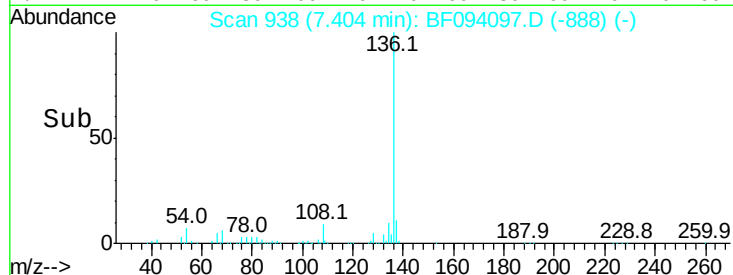
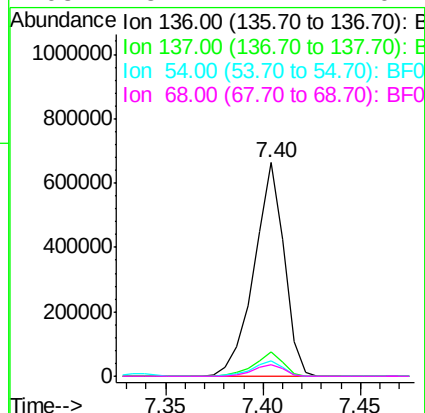
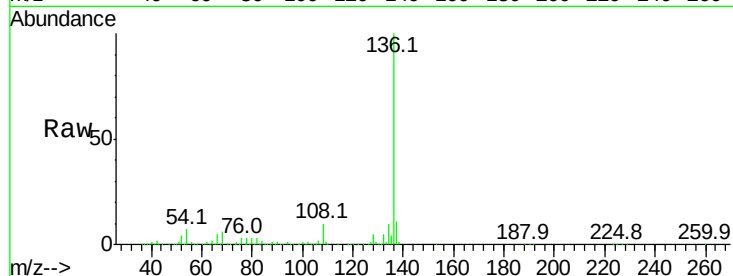




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

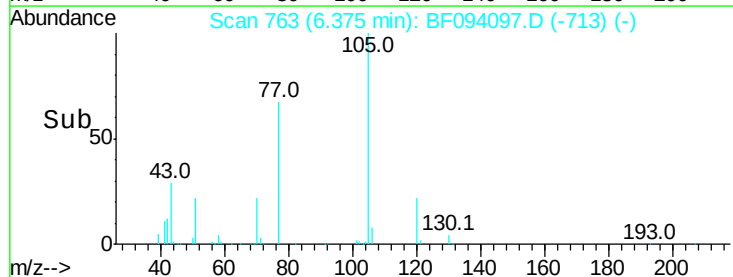
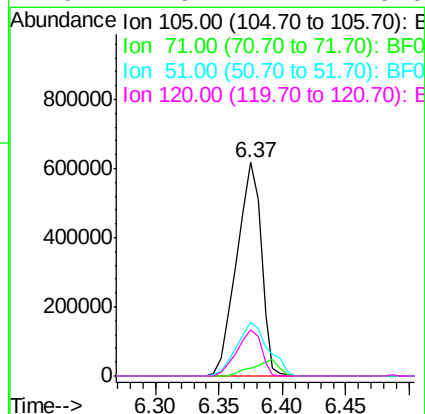
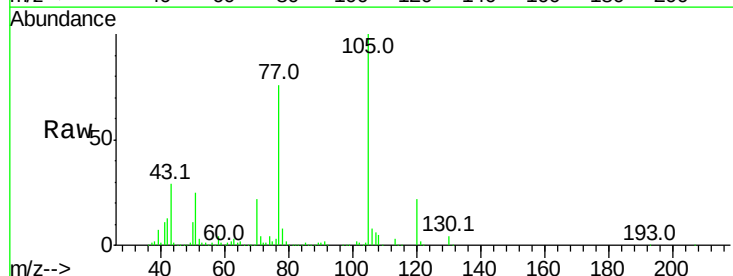
Instrument :
BNA_F
ClientSampled :

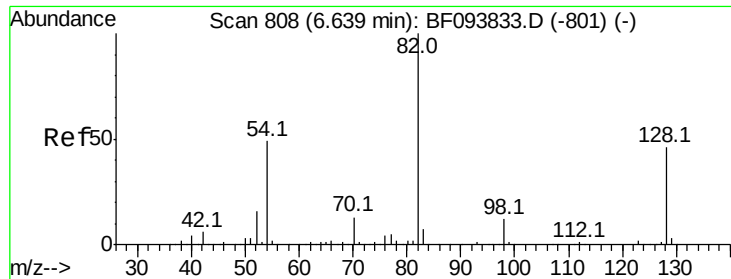
Tot Ion:136	Resp: 703823
Ion Ratio	Lower Upper
136 100	
137 11.3	8.5 12.7
54 7.4	4.9 7.3#
68 5.7	4.1 6.1



#22
Acetophenone
Concen: 52.85 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:105	Resp: 829090
Ion Ratio	Lower Upper
105 100	
71 3.7	2.8 4.2
51 25.4	30.7 46.1#
120 21.6	17.4 26.0

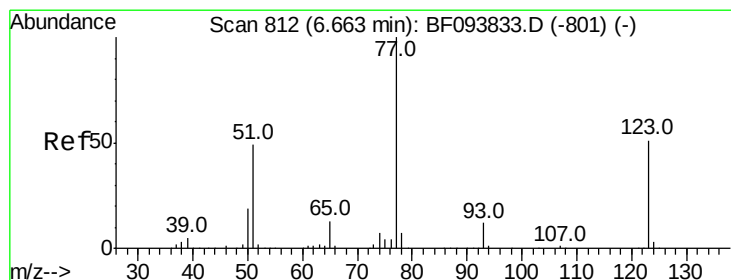
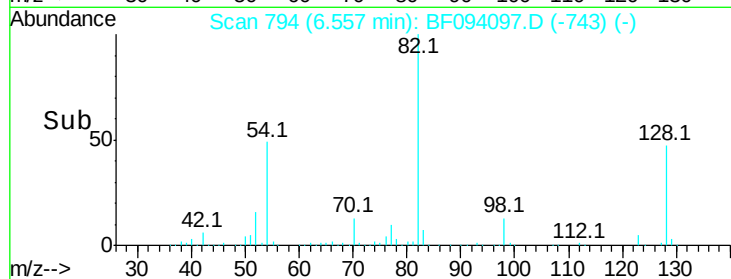
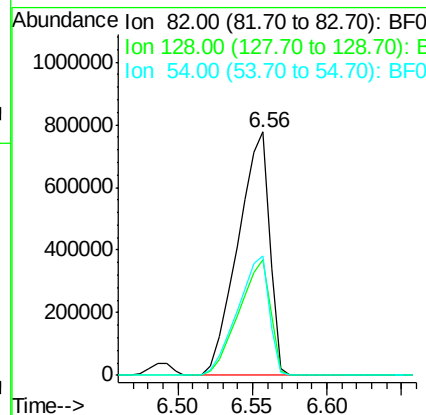
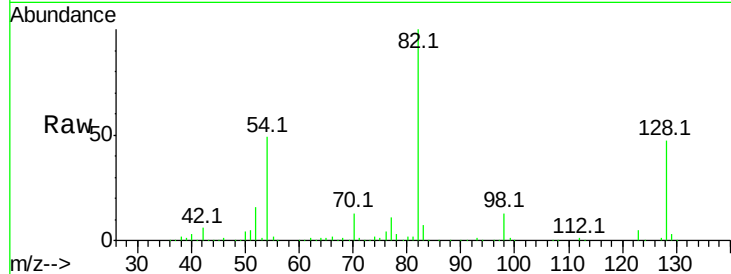




#23
 Nitrobenzene-d5
 Concen: 93.11 ng
 RT: 6.56 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

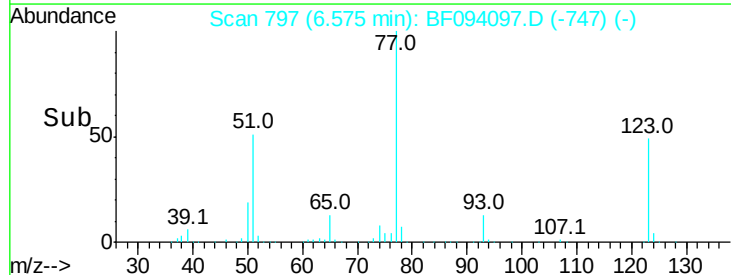
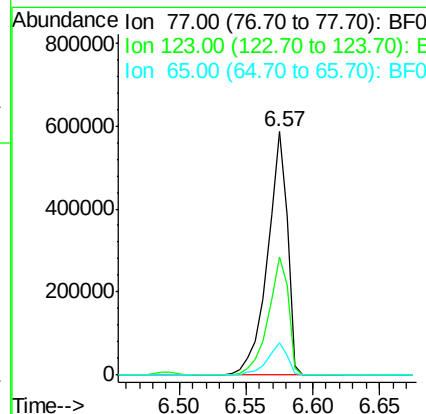
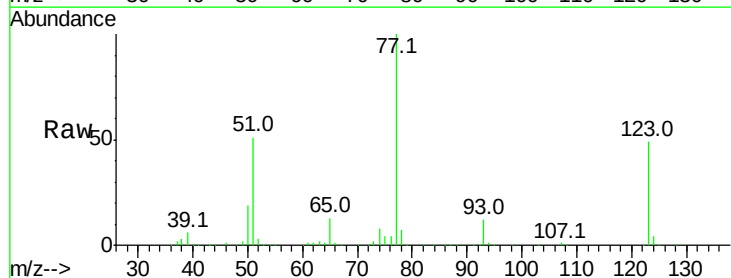
Instrument :
 BNA_F
 ClientSampleId :

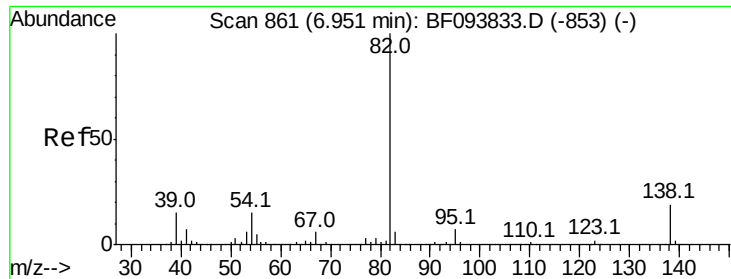
Tot Ion: 82 Resp: 1148311
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 49.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 49.45 ng
 RT: 6.57 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion: 77 Resp: 601524
 Ion Ratio Lower Upper
 77 100
 123 48.5 35.8 53.8
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 49.68 ng

RT: 6.86 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

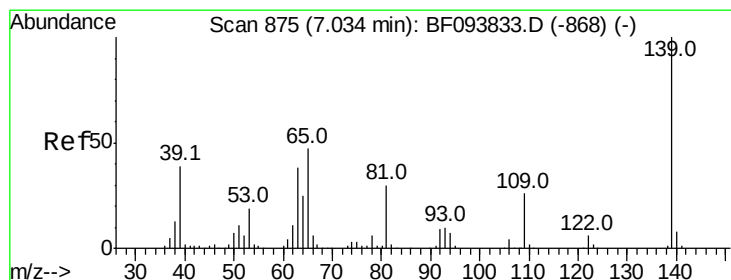
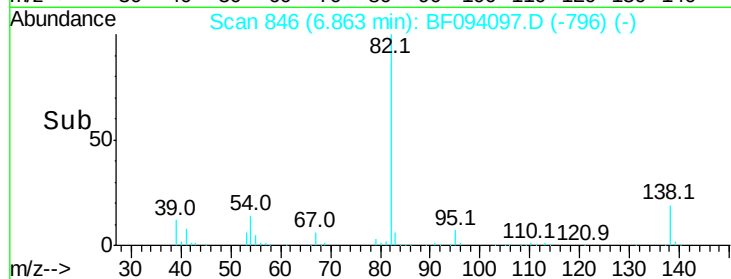
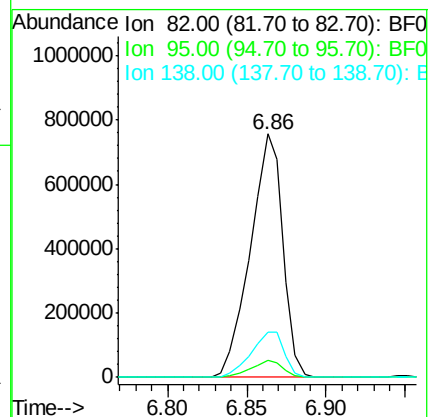
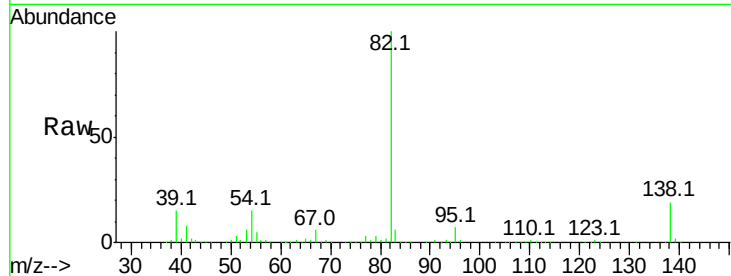
Tot Ion: 82 Resp: 1076605

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 57.15 ng

RT: 6.95 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

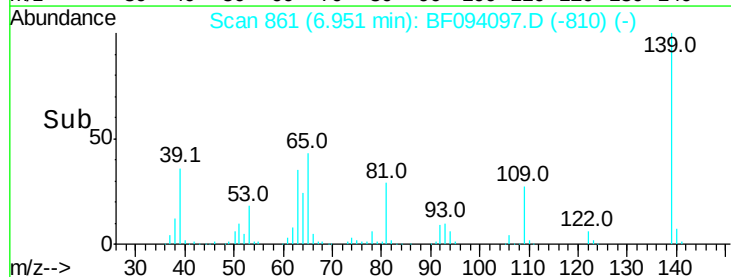
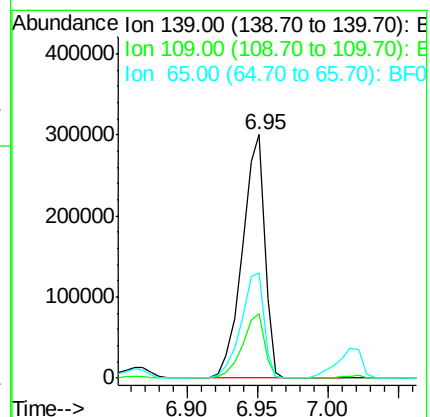
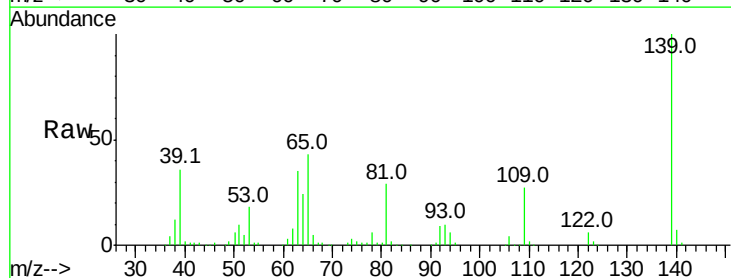
Tgt Ion: 139 Resp: 331489

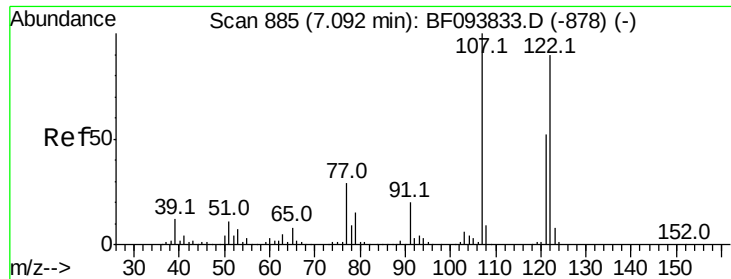
Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 43.2 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 53.25 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampled :

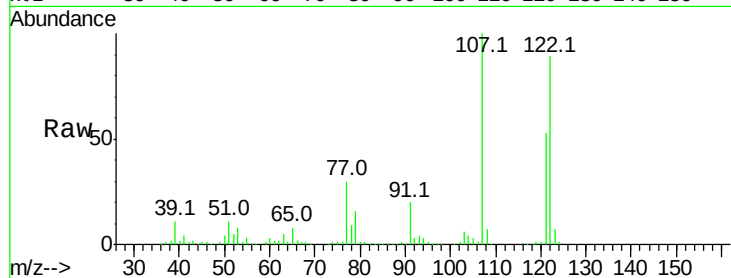
Tot Ion:122 Resp: 532261

Ion Ratio Lower Upper

122 100

107 112.7 89.2 133.8

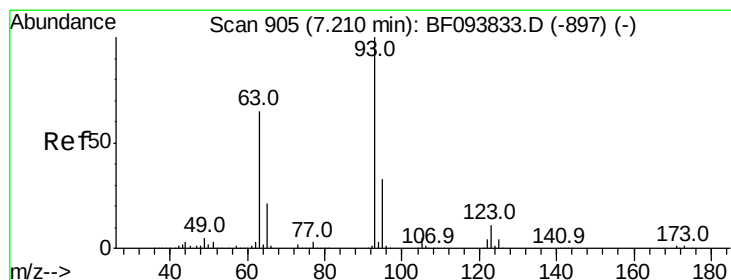
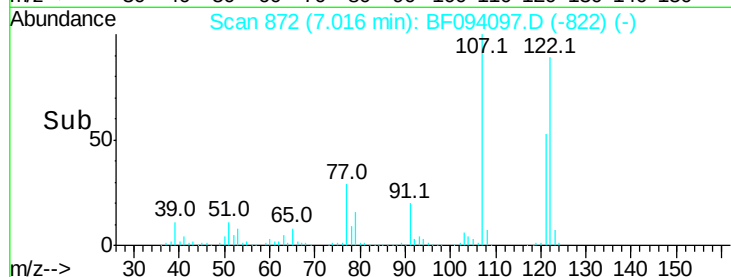
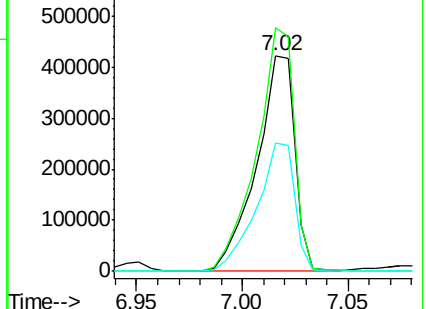
121 59.5 45.2 67.8



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: 48.88 ng

RT: 7.12 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

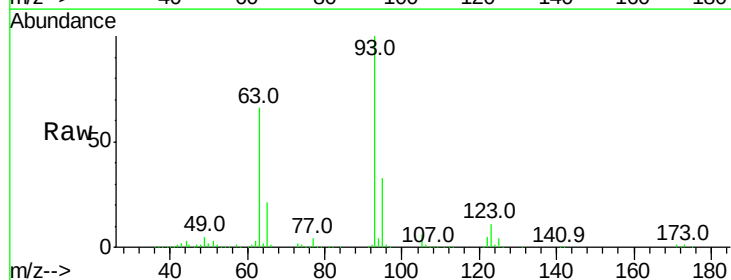
Tgt Ion: 93 Resp: 698496

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

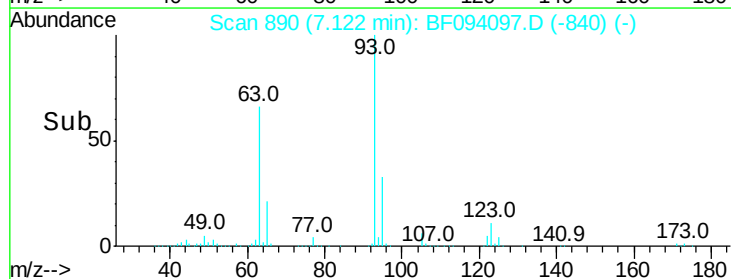
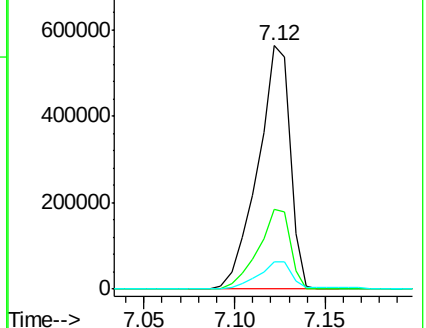
123 11.4 9.0 13.4

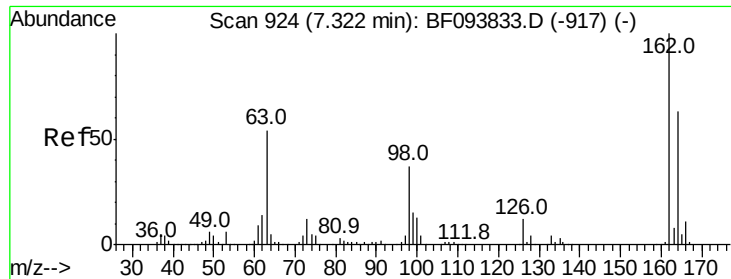


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

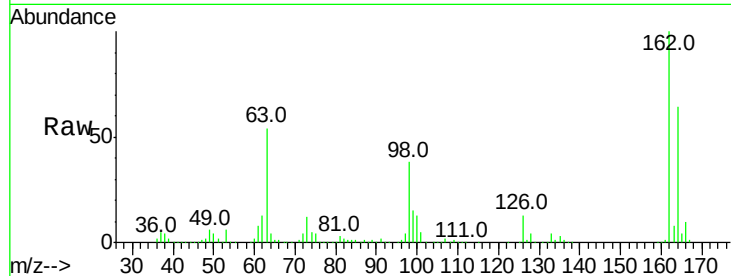




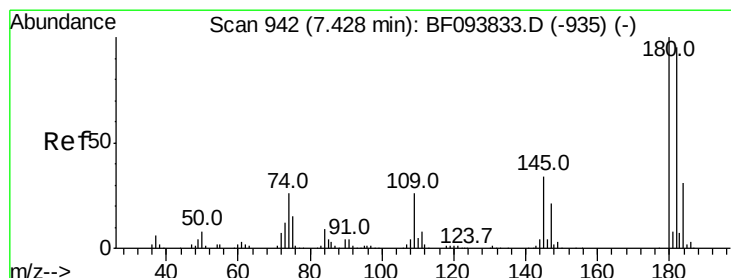
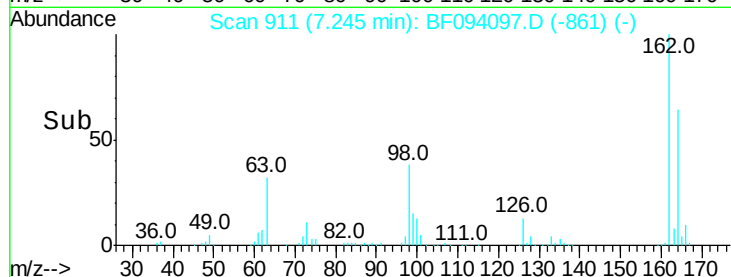
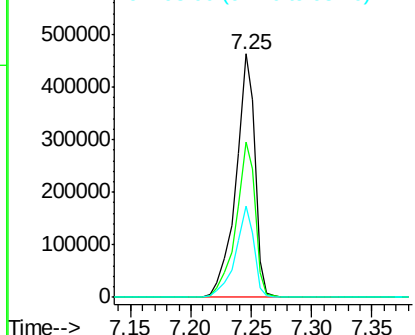
#29
 2,4-Dichlorophenol
 Concen: 54.55 ng
 RT: 7.25 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	37.7	14.8	54.8

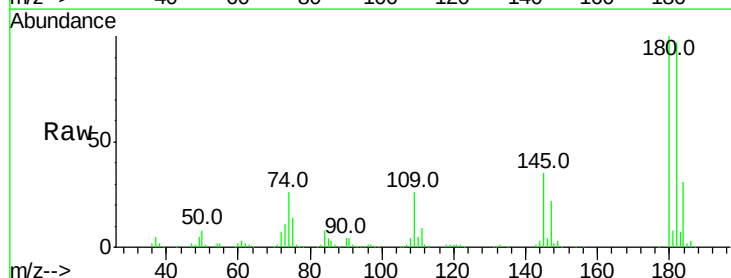


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

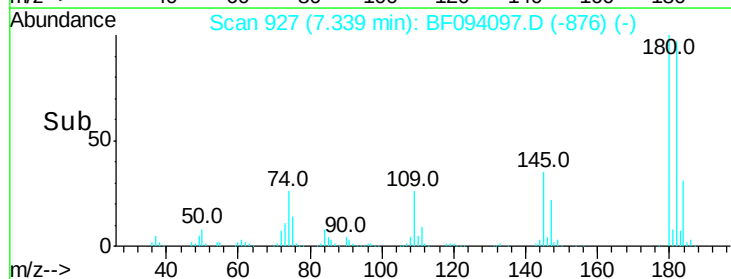
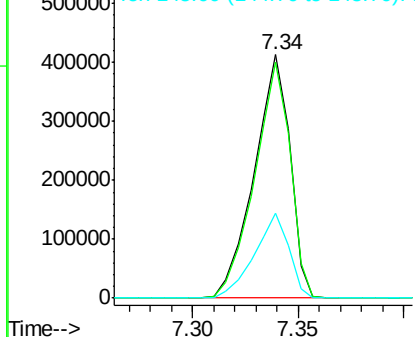


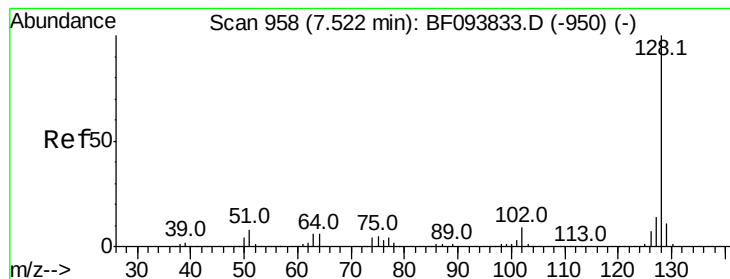
#30
 1,2,4-Trichlorobenzene
 Concen: 50.47 ng
 RT: 7.34 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.8	113.6
145	34.7	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: 48.39 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

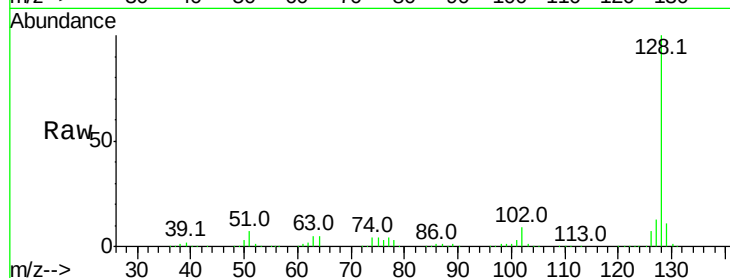
Tot Ion:128 Resp: 1637591

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

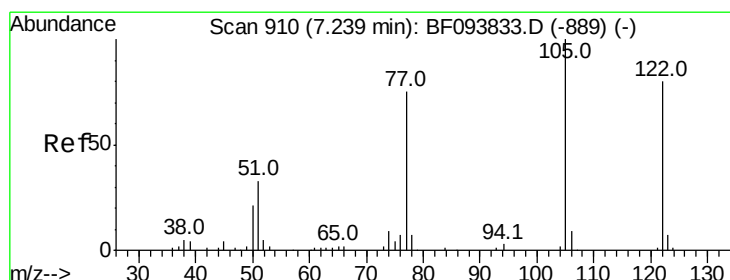
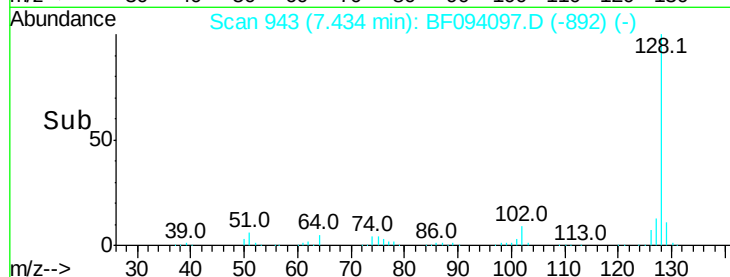
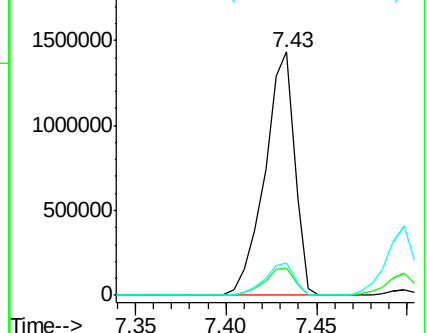
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.31 ng

RT: 7.16 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

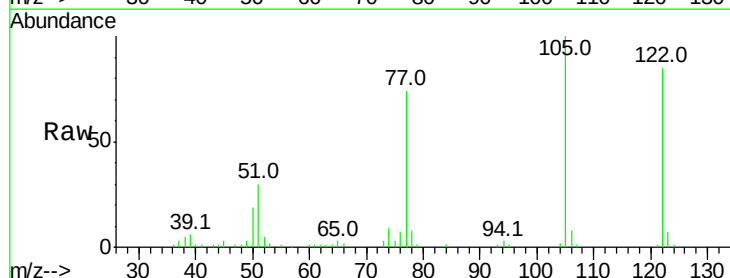
Tgt Ion:122 Resp: 181693

Ion Ratio Lower Upper

122 100

105 117.0 103.3 143.3

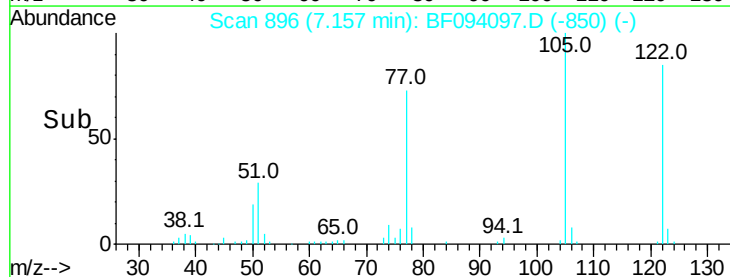
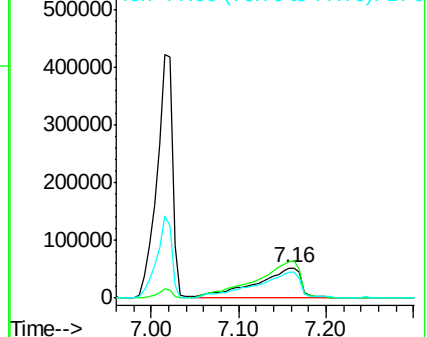
77 86.9 73.7 113.7

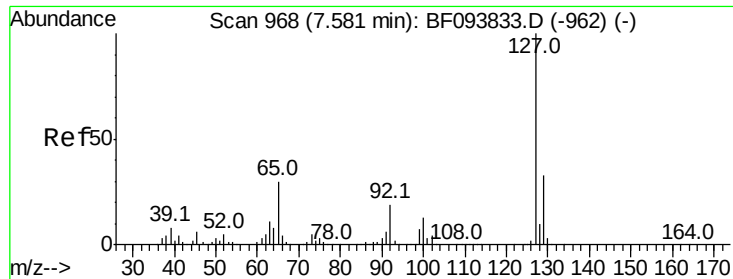


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

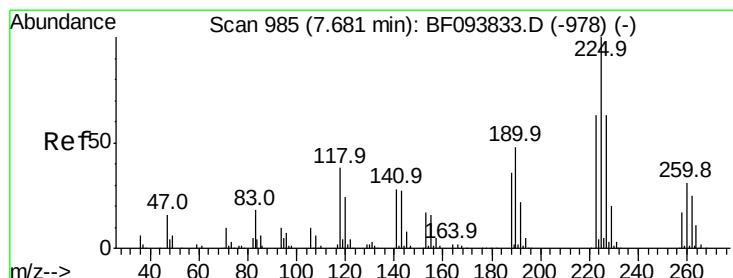
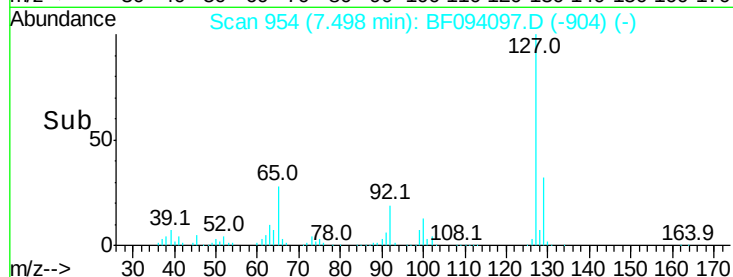
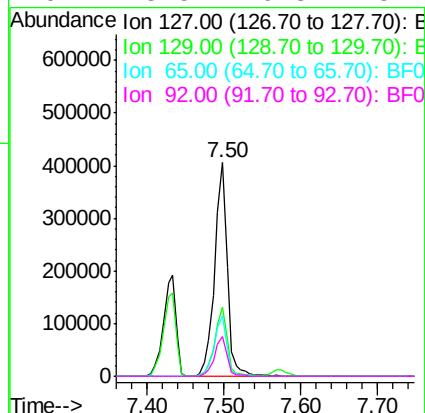
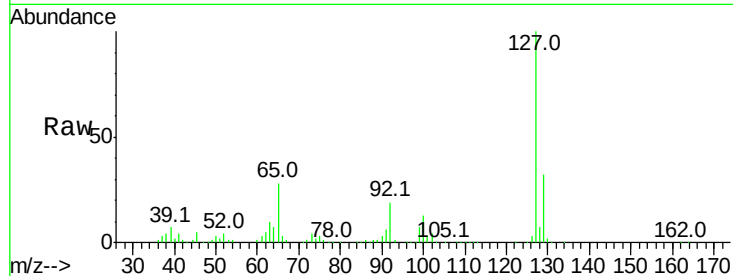




#33
4-Chloroaniline
Concen: 33.21 ng
RT: 7.50 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

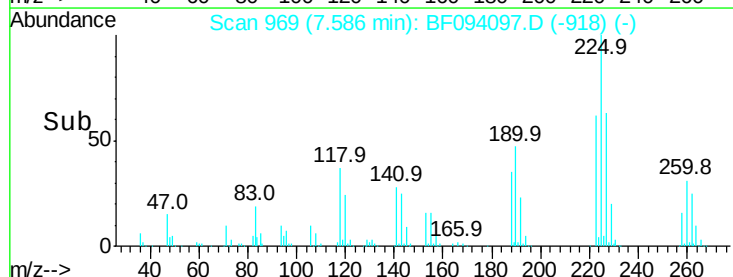
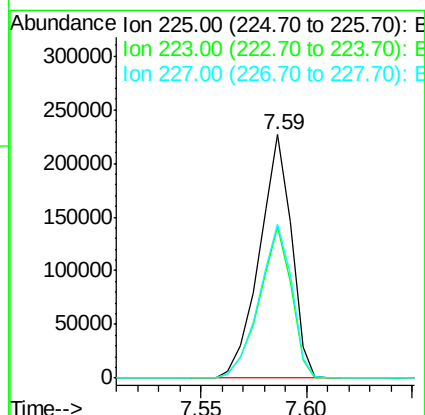
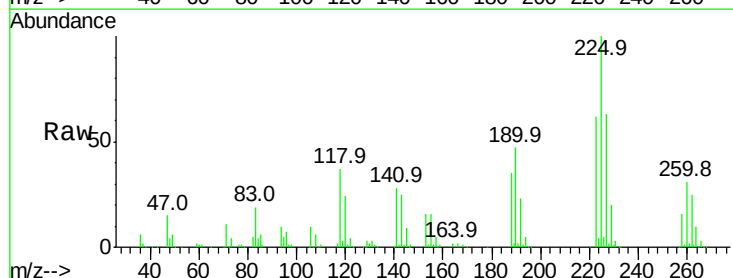
Instrument :
BNA_F
ClientSampleId :

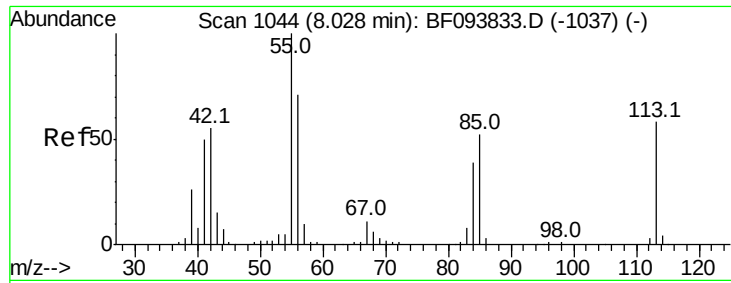
Tot Ion:	127	Resp:	455582
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	28.1	27.8	41.8
92	18.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 48.43 ng
RT: 7.59 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:	225	Resp:	239044
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	63.5	51.1	76.7

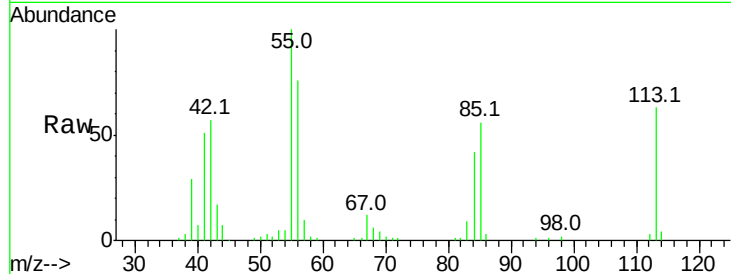




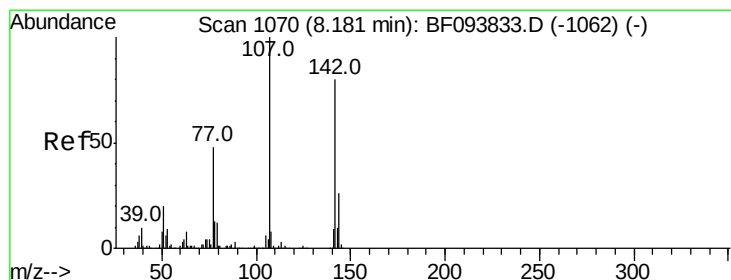
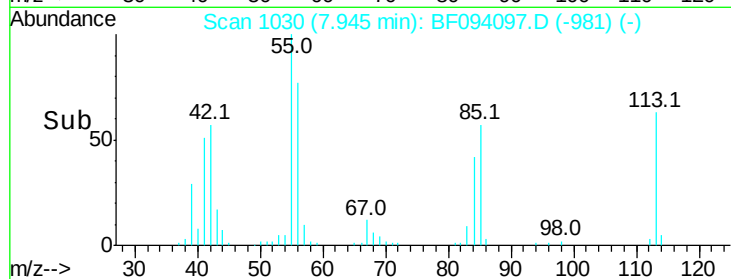
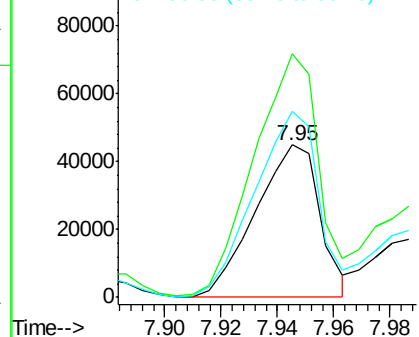
#35
 Caprolactam
 Concen: 23.90 ng
 RT: 7.95 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 71212
 Ion Ratio Lower Upper
 113 100
 55 159.8 150.2 190.2
 56 122.1 107.8 147.8

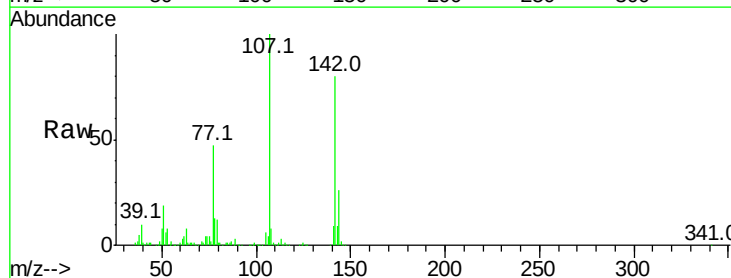


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

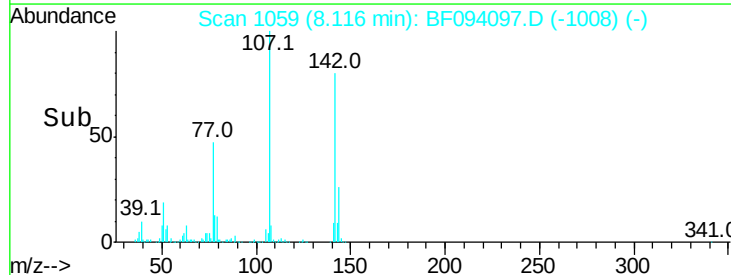
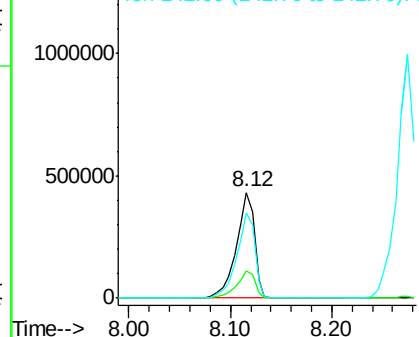


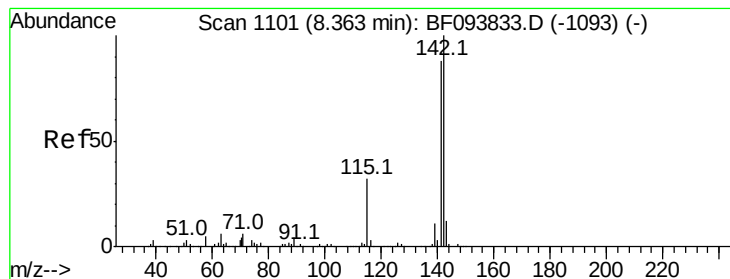
#36
 4-Chloro-3-methylphenol
 Concen: 54.92 ng
 RT: 8.12 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:107 Resp: 536266
 Ion Ratio Lower Upper
 107 100
 144 25.6 24.2 36.4
 142 79.6 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: 50.09 ng

RT: 8.27 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

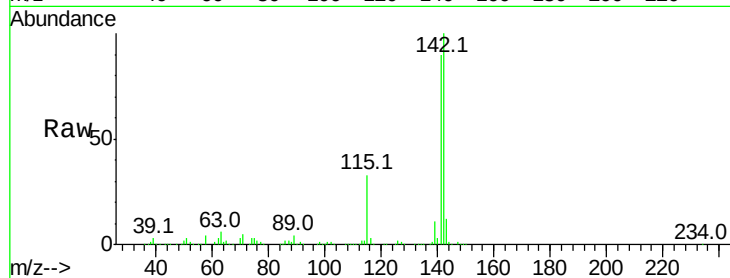
Tot Ion:142 Resp: 1130082

Ion Ratio Lower Upper

142 100

141 89.6 71.3 106.9

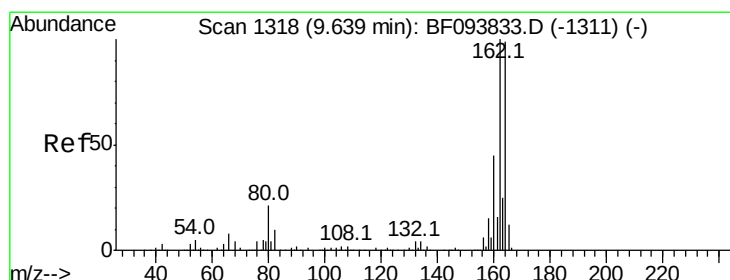
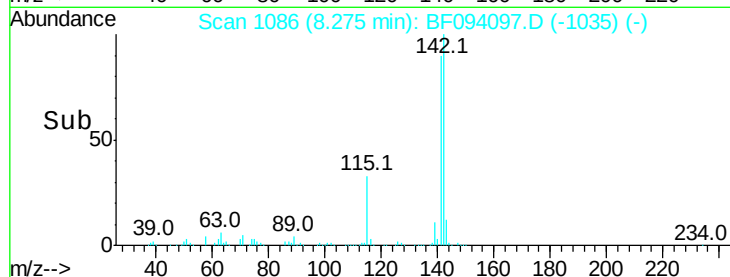
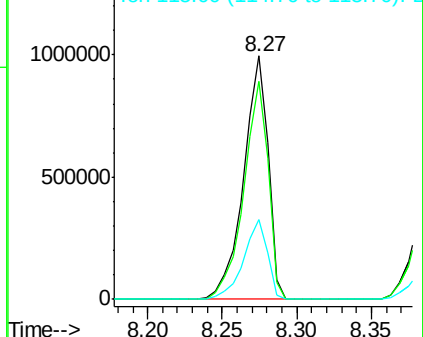
115 32.6 27.1 40.7



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: BF094097.D

Acq: 31 Mar 2017 15:44

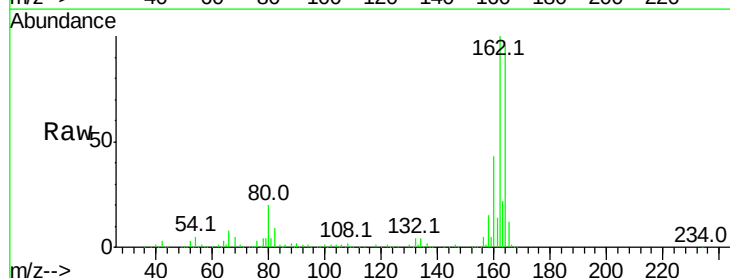
Tgt Ion:164 Resp: 307759

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

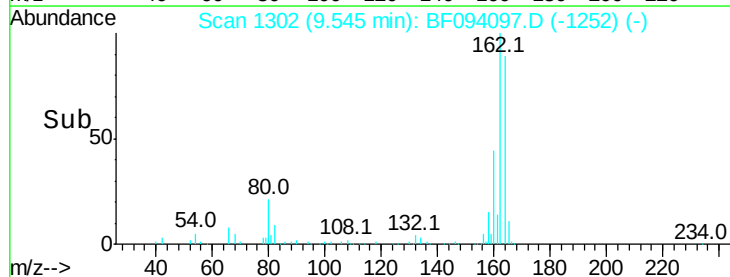
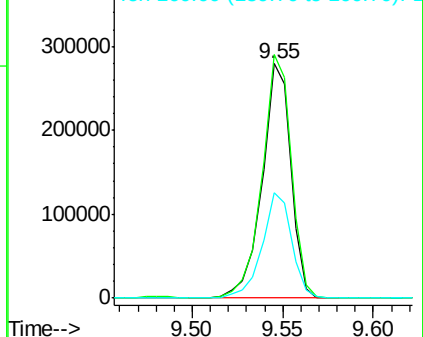
160 44.9 36.2 54.2

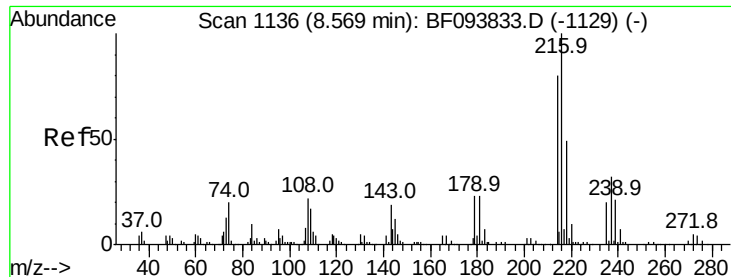


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

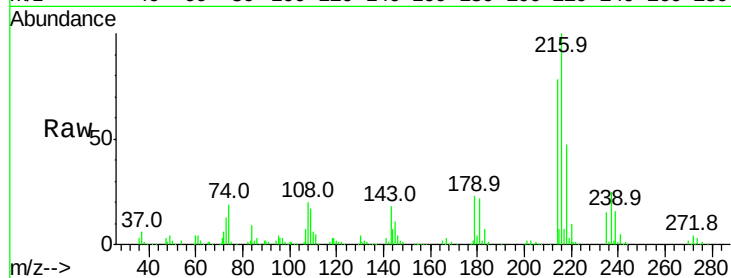




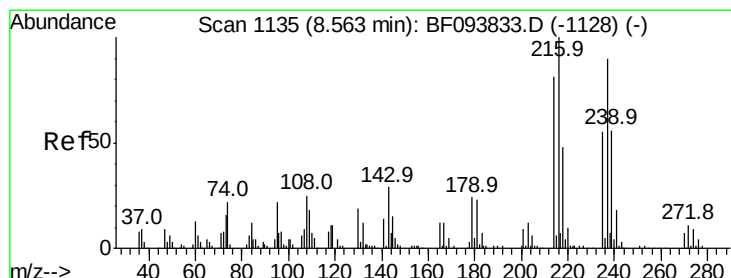
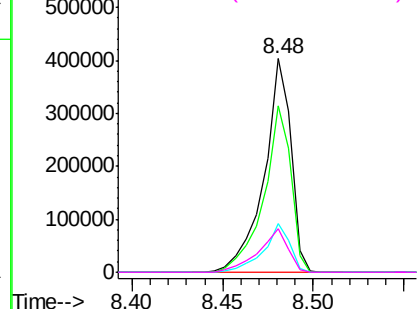
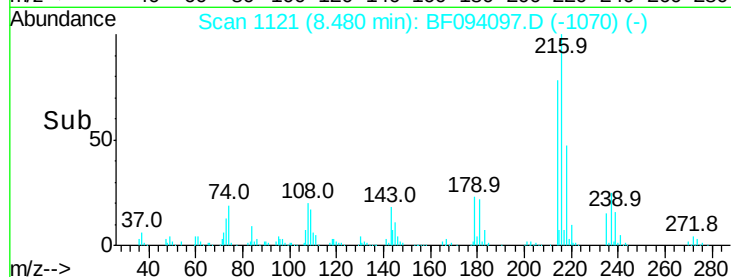
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.63 ng
 RT: 8.48 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	417826
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.4	95.2
179	22.2	17.9	26.9
108	22.0	16.5	24.7

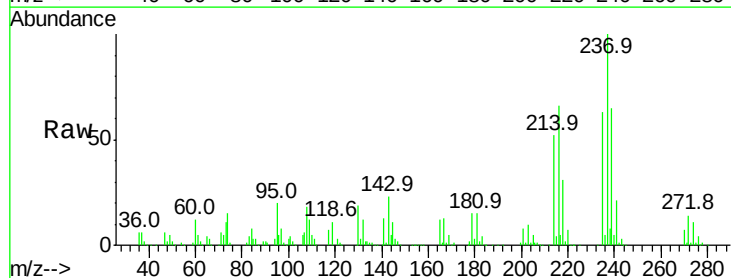


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

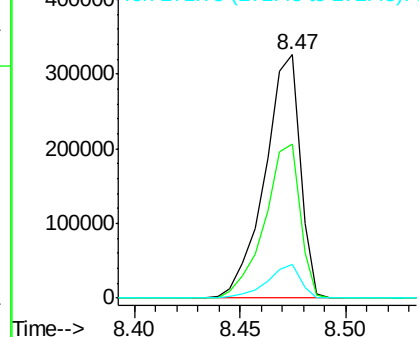
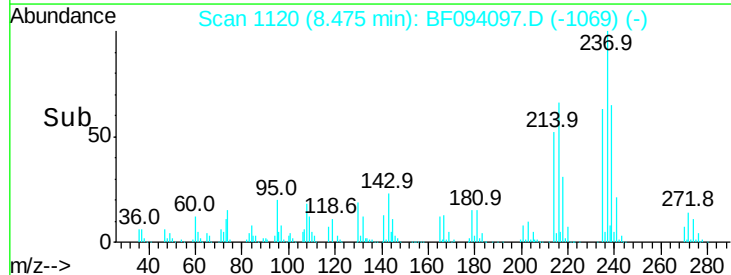


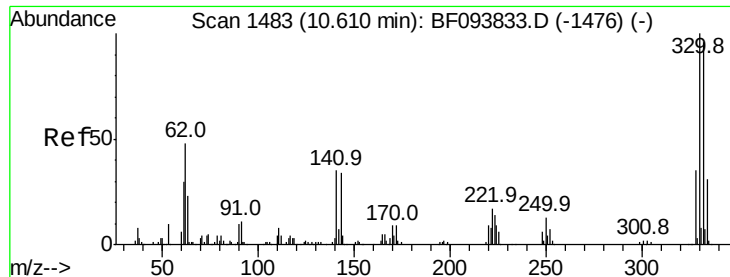
#40
 Hexachlorocyclopentadiene
 Concen: 96.47 ng
 RT: 8.47 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:	237	Resp:	380053
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.6	82.6
272	13.7	0.0	31.9



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

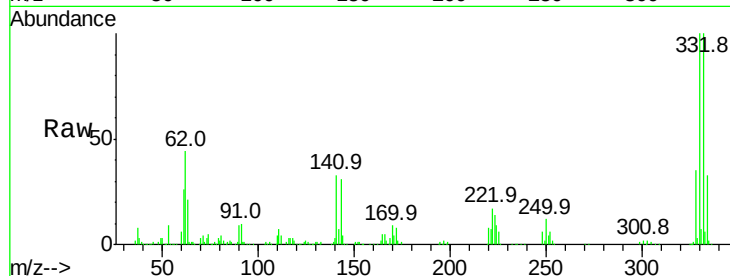




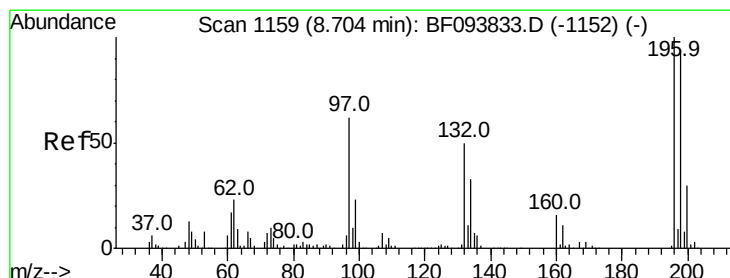
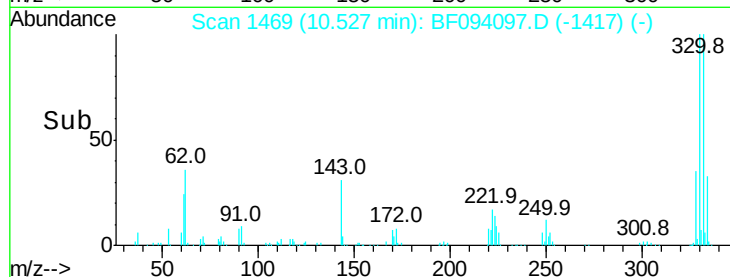
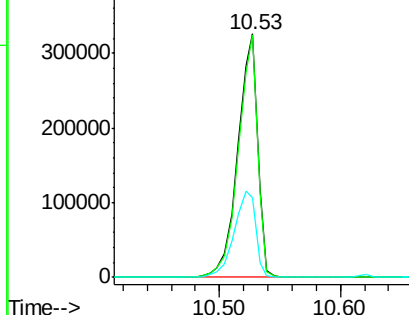
#41
 2,4,6-Tribromophenol
 Concen: 154.07 ng
 RT: 10.53 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 374685
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 38.7 31.4 47.2

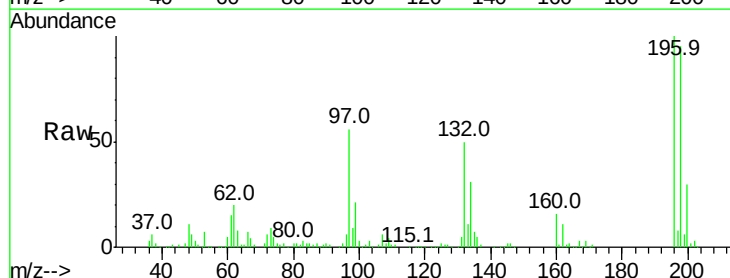


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

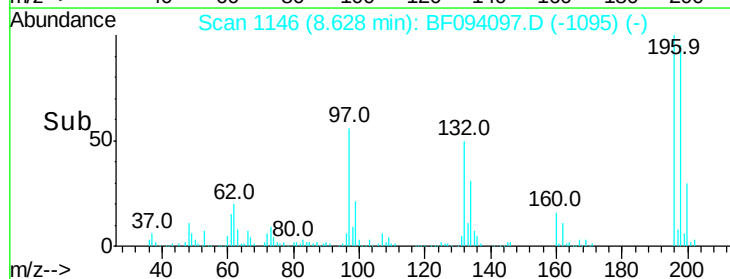
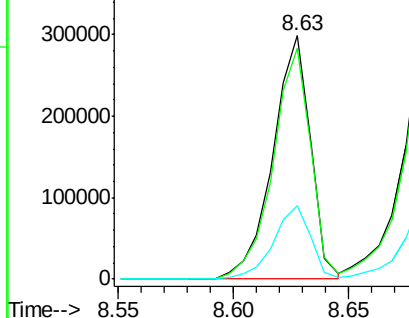


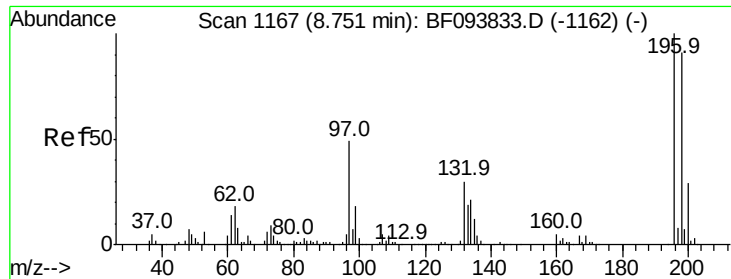
#42
 2,4,6-Trichlorophenol
 Concen: 56.50 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:196 Resp: 336522
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 200 30.1 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

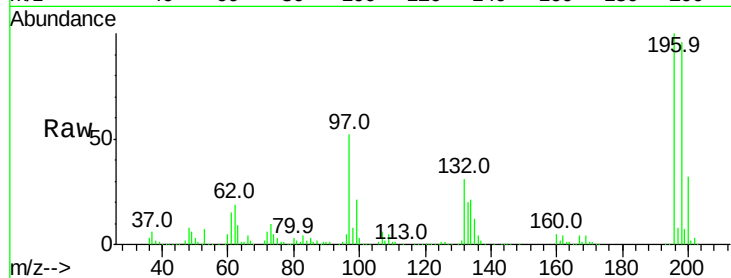




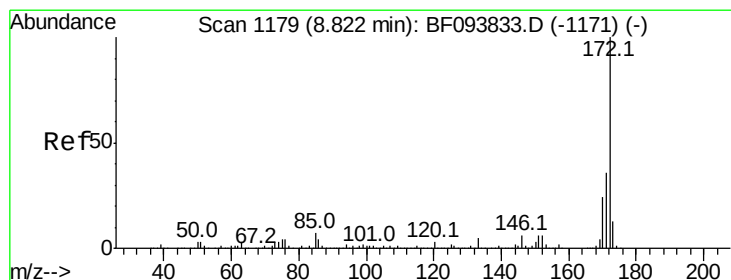
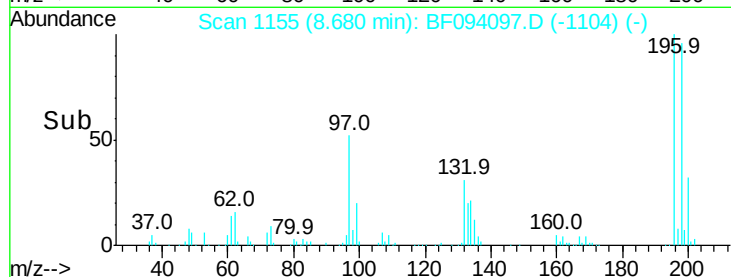
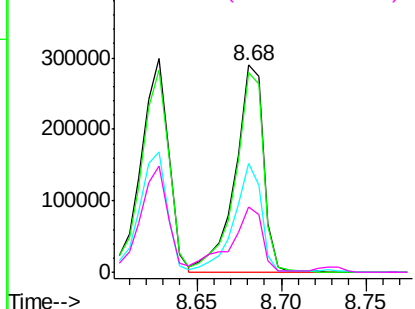
#43
 2,4,5-Trichlorophenol
 Concen: 52.73 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 339832
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 97 52.4 47.7 71.5
 132 31.4 28.0 42.0

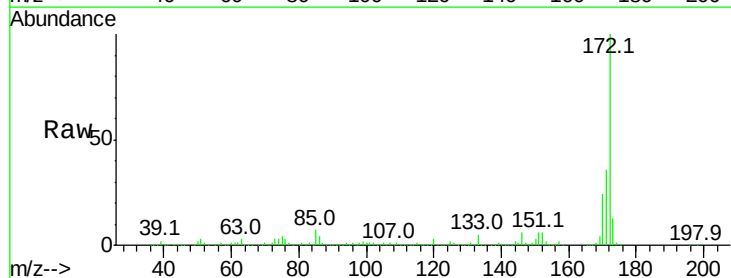


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

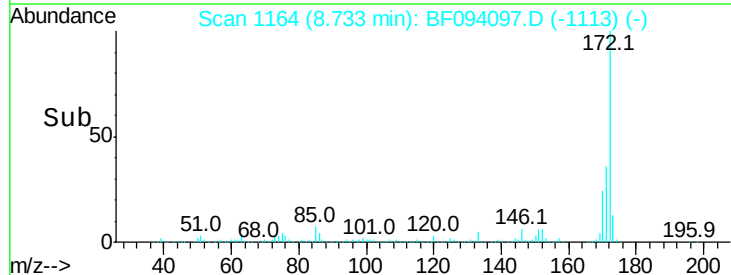
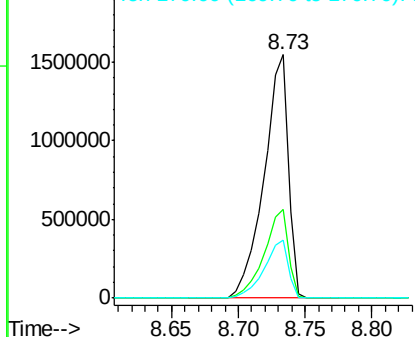


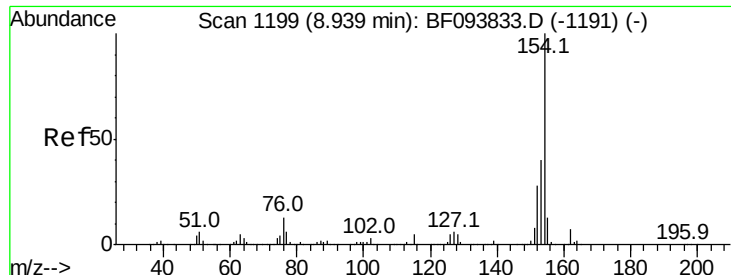
#44
 2-Fluorobiphenyl
 Concen: 96.66 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:172 Resp: 1950370
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.8 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: 50.04 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

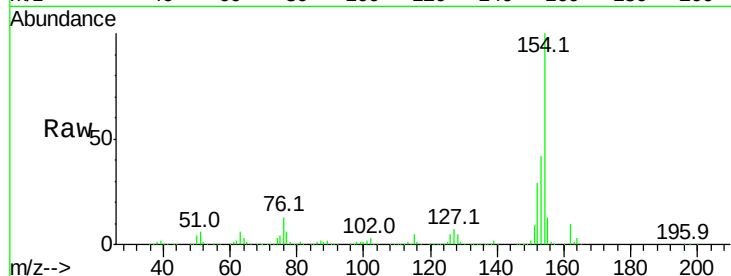
Tot Ion:154 Resp: 1242077

Ion Ratio Lower Upper

154 100

153 41.7 21.2 61.2

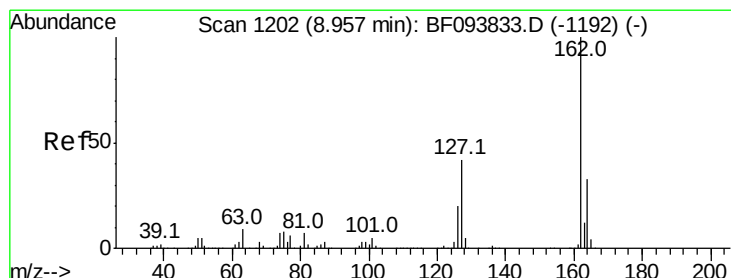
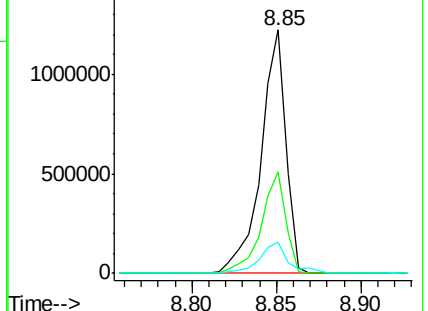
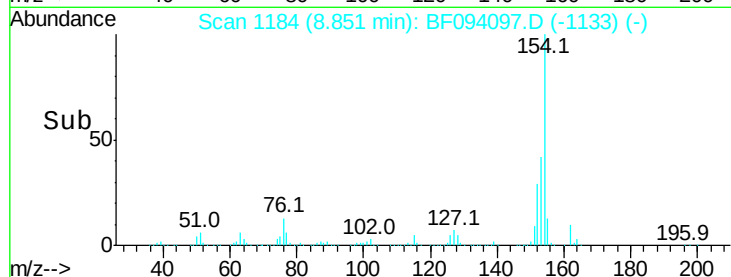
76 12.9 0.0 29.9



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: 51.44 ng

RT: 8.87 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

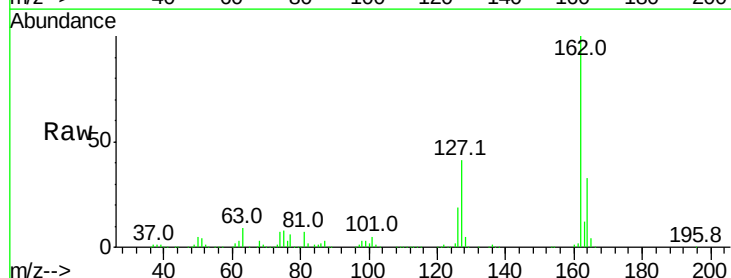
Tgt Ion:162 Resp: 999611

Ion Ratio Lower Upper

162 100

127 40.7 28.3 42.5

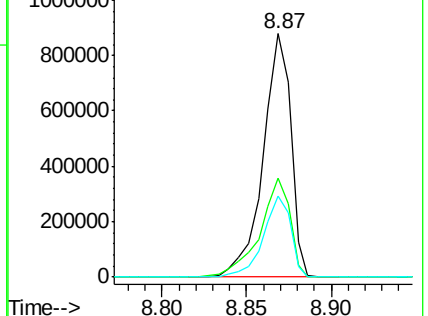
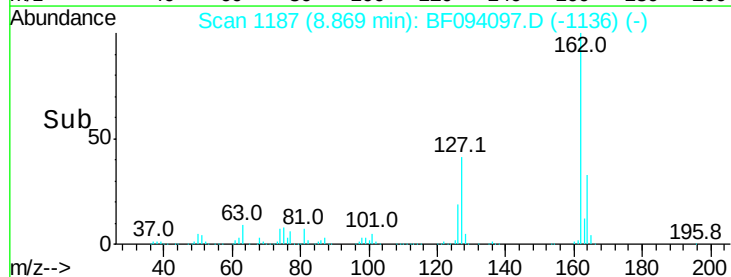
164 33.1 27.0 40.4

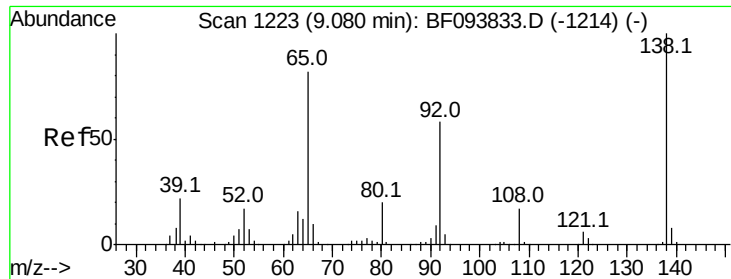


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

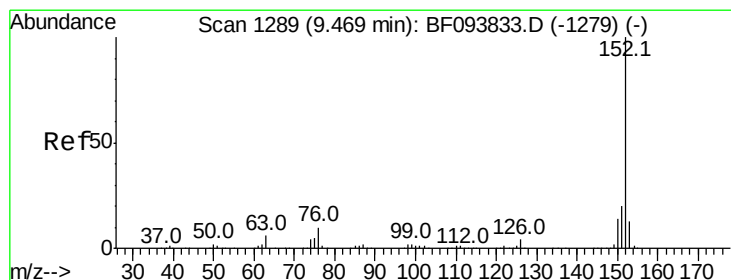
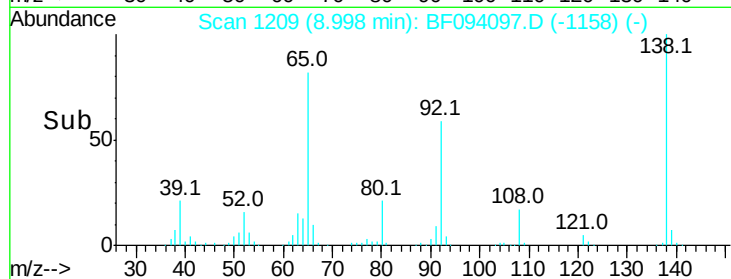
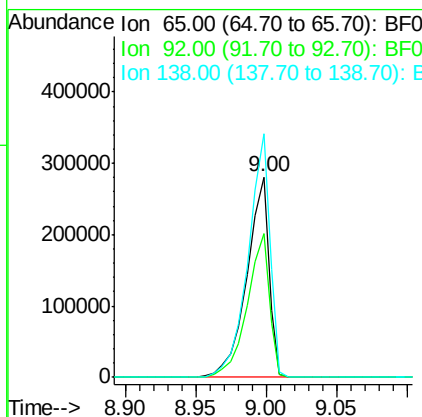
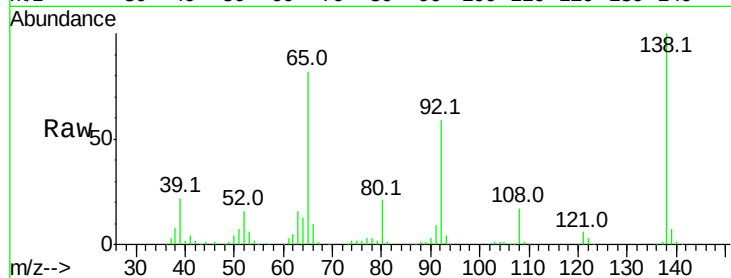




#47
 2-Nitroaniline
 Concen: 53.93 ng
 RT: 9.00 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

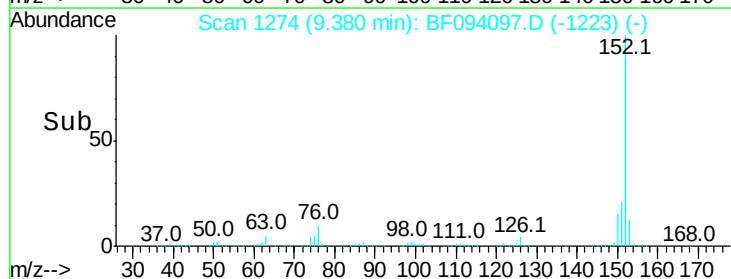
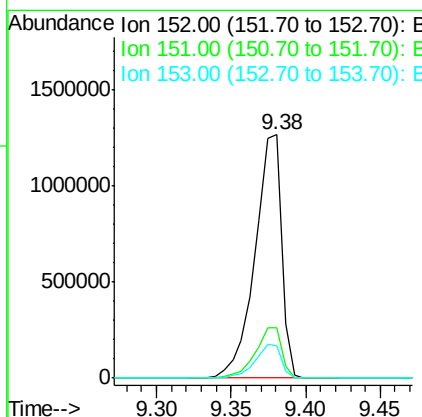
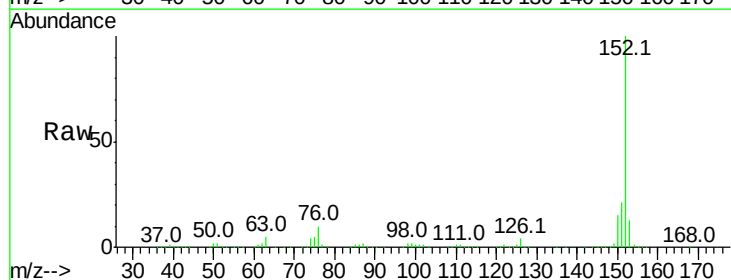
Instrument :
 BNA_F
 ClientSampleId :

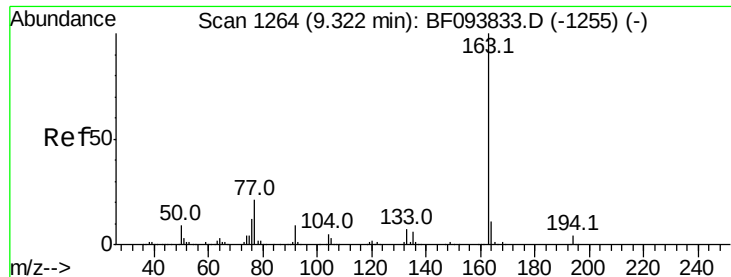
Tot Ion: 65 Resp: 310852
 Ion Ratio Lower Upper
 65 100
 92 71.8 53.9 80.9
 138 121.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 48.12 ng
 RT: 9.38 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:152 Resp: 1554123
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.1 10.8 16.2

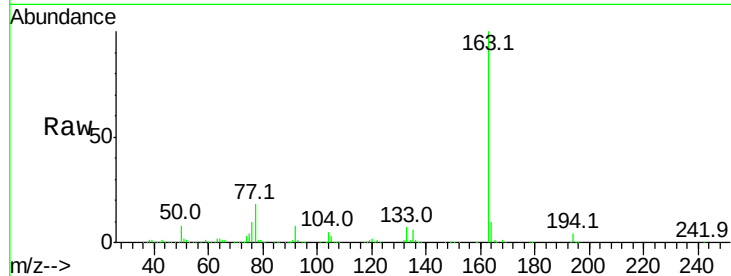




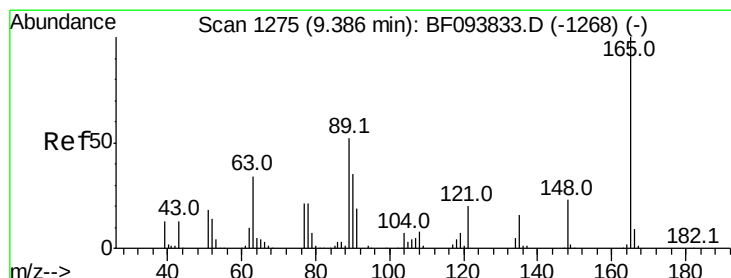
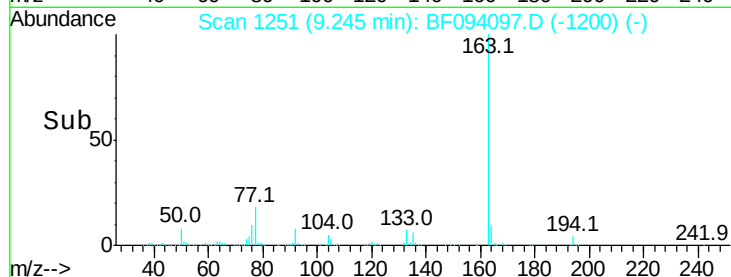
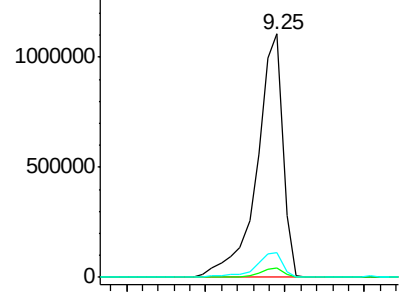
#49
Dimethylphthalate
Concen: 57.64 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1261056
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.9 8.4 12.6

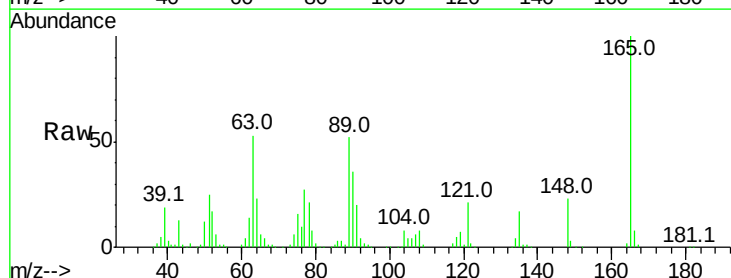


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

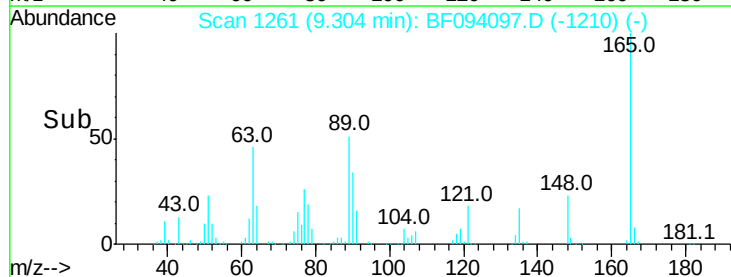
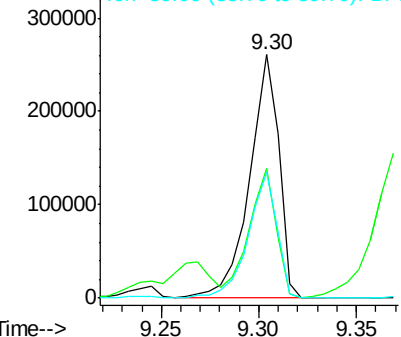


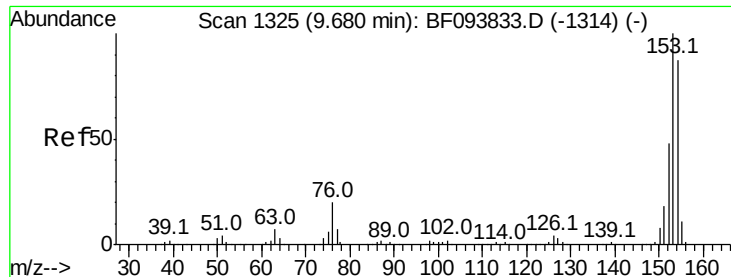
#50
2,6-Dinitrotoluene
Concen: 54.10 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:165 Resp: 271298
Ion Ratio Lower Upper
165 100
63 53.0 34.3 51.5#
89 51.7 37.1 55.7



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





#51

Acenaphthene

Concen: 49.36 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

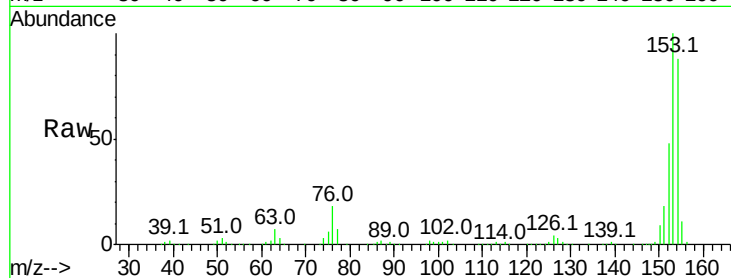
Tot Ion:154 Resp: 930105

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

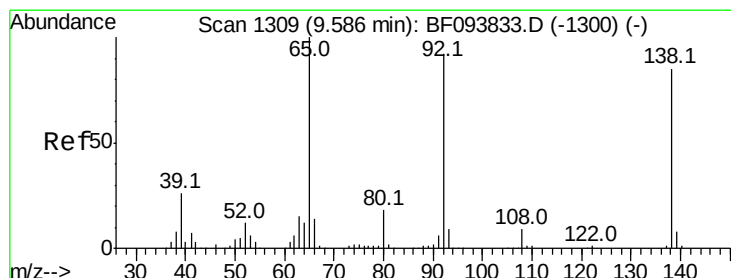
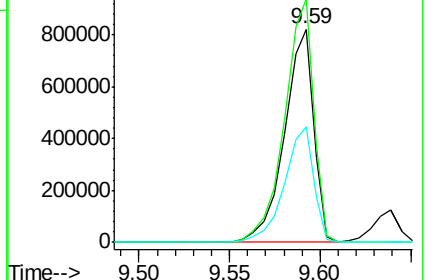
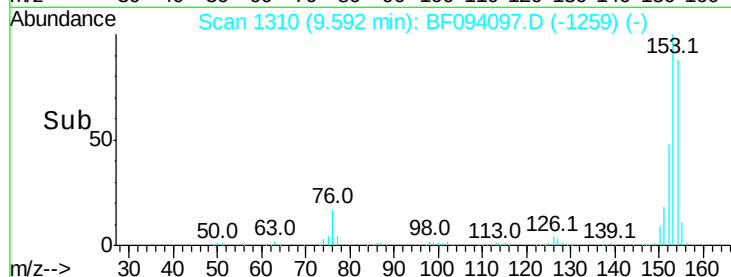
152 54.3 43.6 65.4



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: 38.99 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

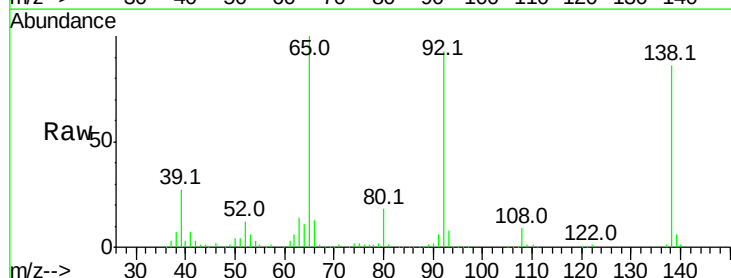
Tgt Ion:138 Resp: 229585

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

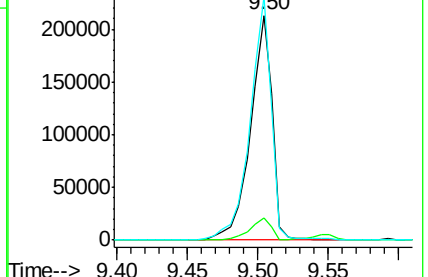
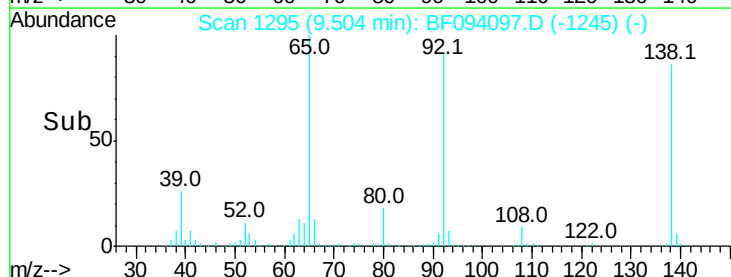
92 108.5 93.8 140.6

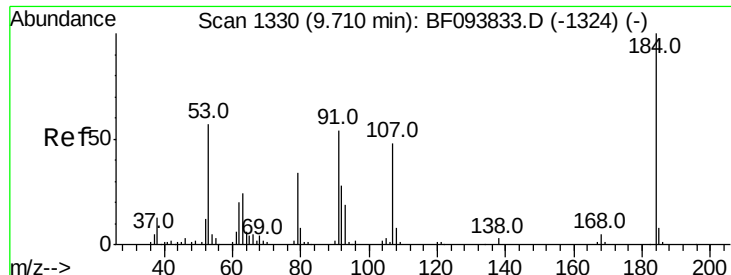


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

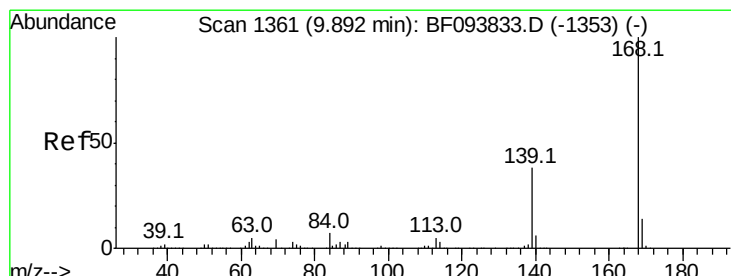
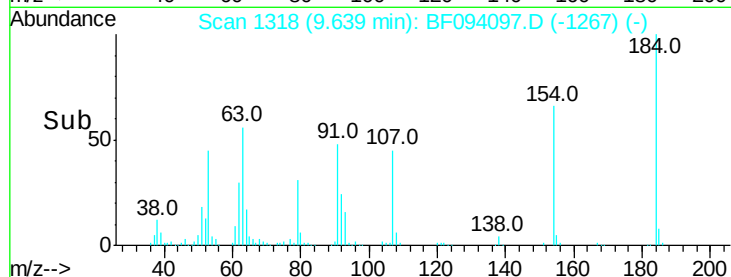
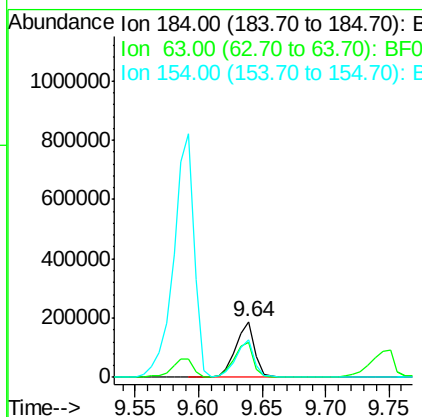
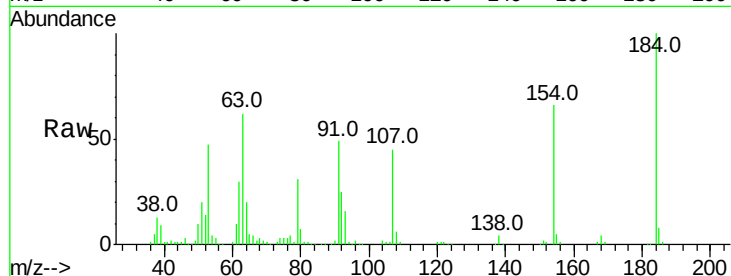




#53
 2,4-Dinitrophenol
 Concen: 73.11 ng
 RT: 9.64 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

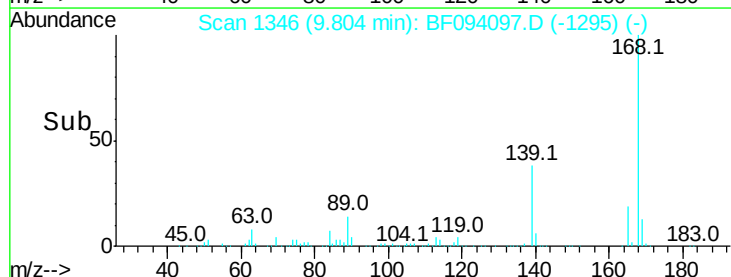
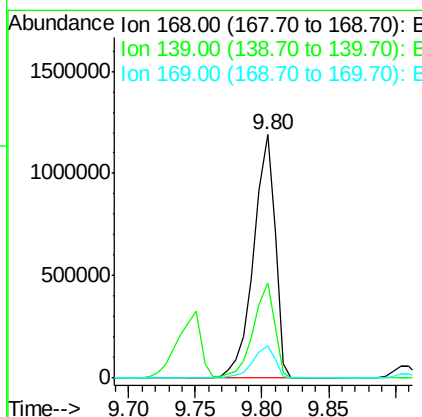
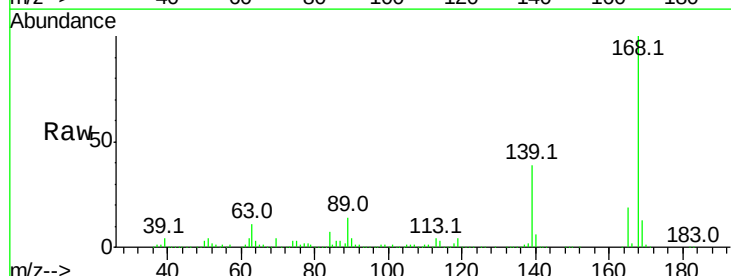
Instrument :
 BNA_F
 ClientSampled :

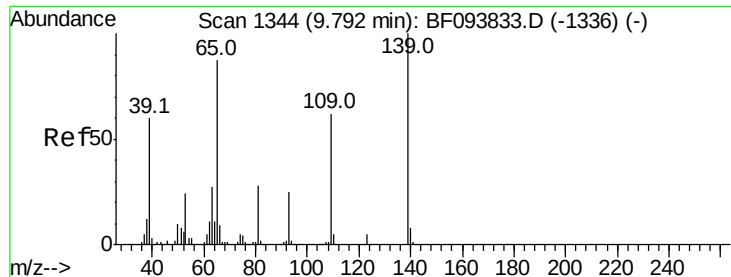
Tot Ion:184 Resp: 195054
 Ion Ratio Lower Upper
 184 100
 63 61.6 62.7 94.1#
 154 66.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 51.21 ng
 RT: 9.80 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:168 Resp: 1313713
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.6 45.8
 169 13.2 10.8 16.2





#55

4-Nitrophenol

Concen: 87.55 ng

RT: 9.75 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

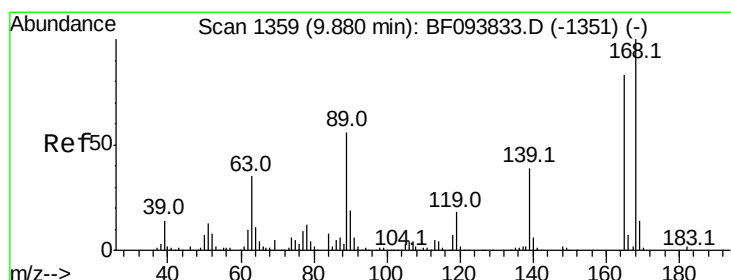
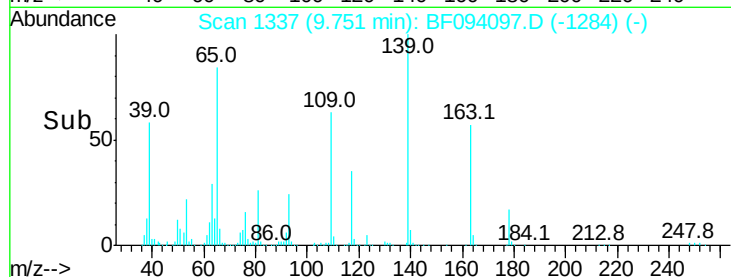
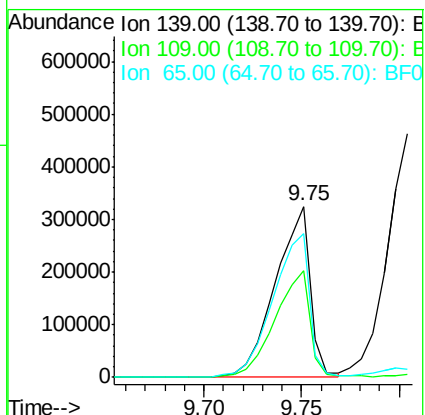
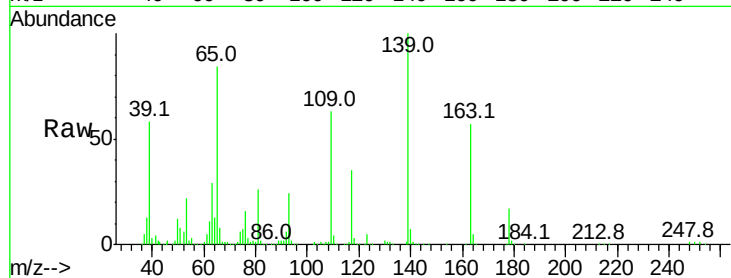
Tot Ion:139 Resp: 403741

Ion Ratio Lower Upper

139 100

109 62.6 34.1 74.1

65 83.7 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 51.26 ng

RT: 9.80 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Tgt Ion:165 Resp: 322938

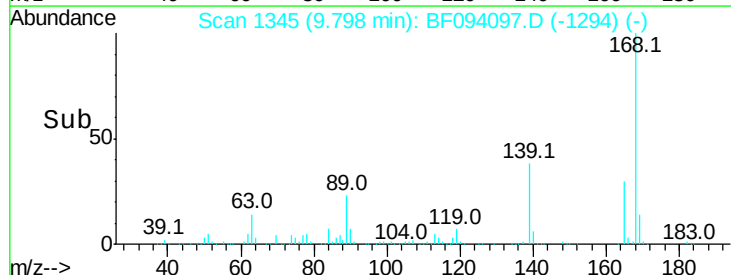
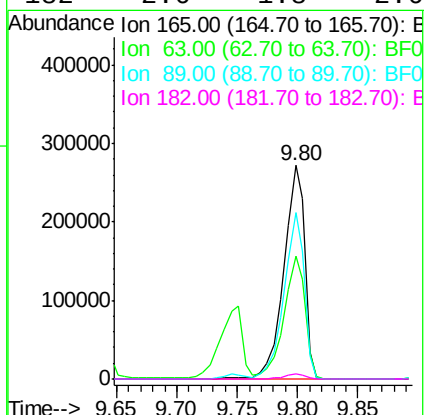
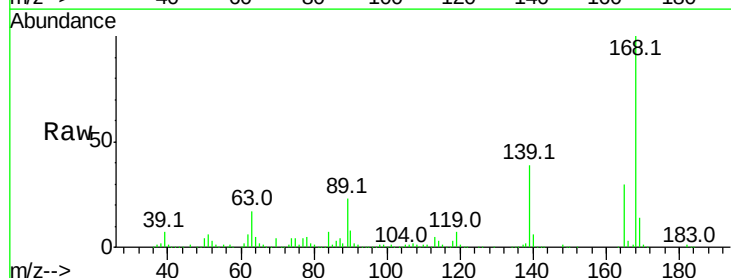
Ion Ratio Lower Upper

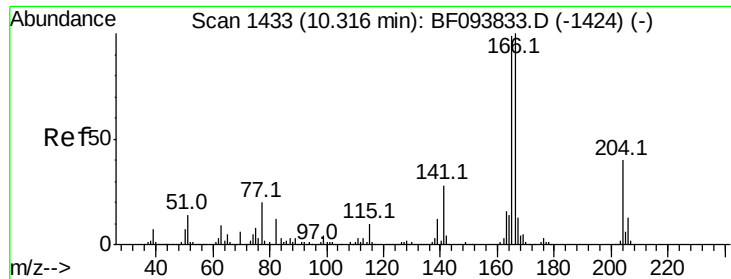
165 100

63 57.5 25.4 38.0#

89 78.1 46.4 69.6#

182 2.6 1.8 2.6

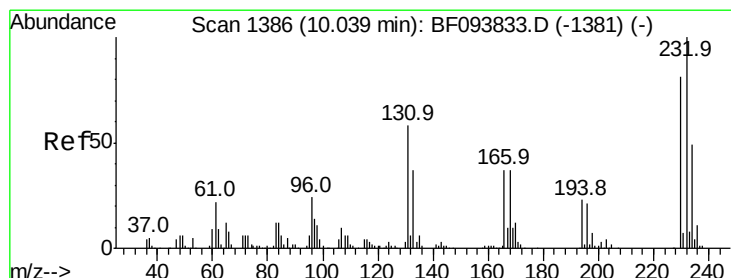
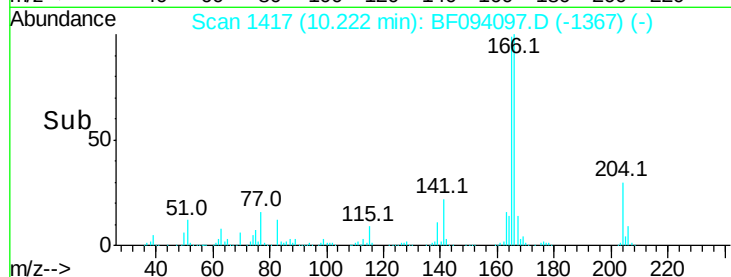
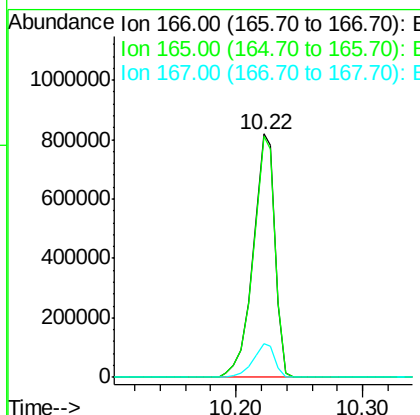
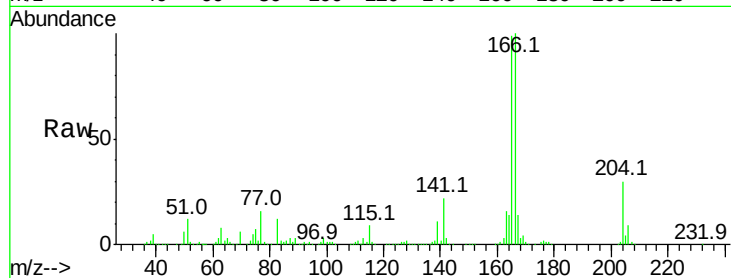




#57
 Fluorene
 Concen: 46.62 ng
 RT: 10.22 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

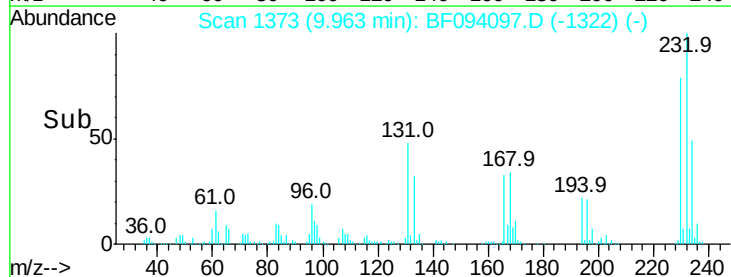
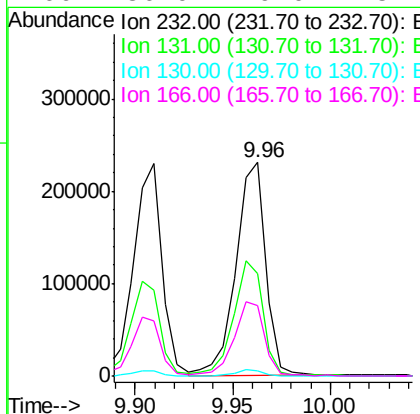
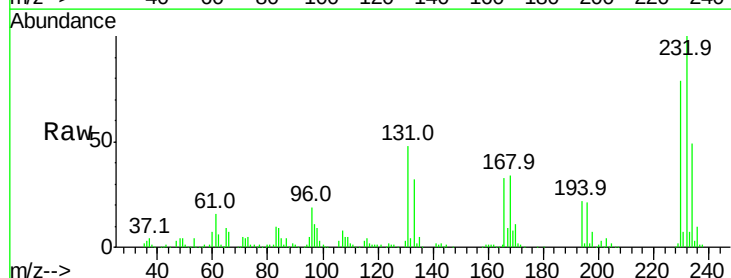
Instrument :
 BNA_F
 ClientSampled :

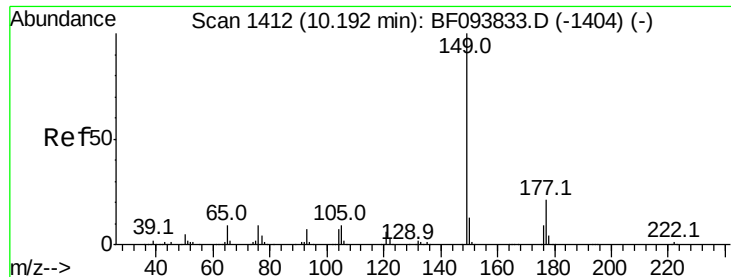
Tot Ion:166 Resp: 991722
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.21 ng
 RT: 9.96 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:232 Resp: 244177
 Ion Ratio Lower Upper
 232 100
 131 53.1 44.8 67.2
 130 2.6 2.3 3.5
 166 36.0 29.0 43.4

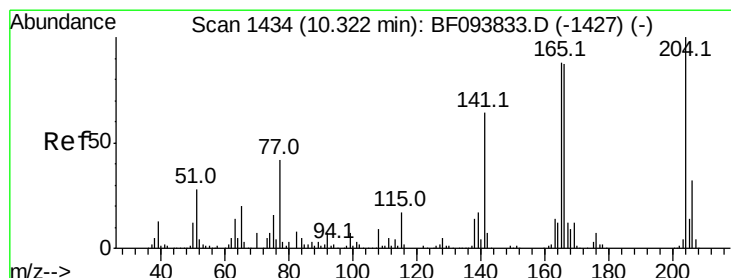
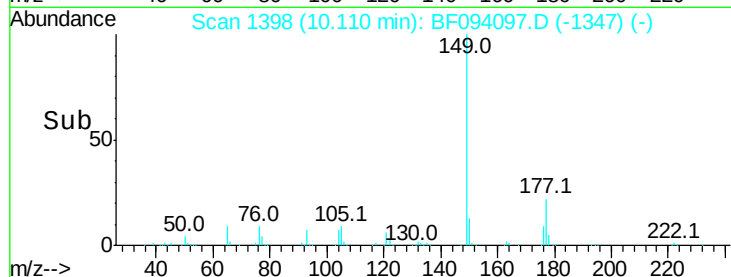
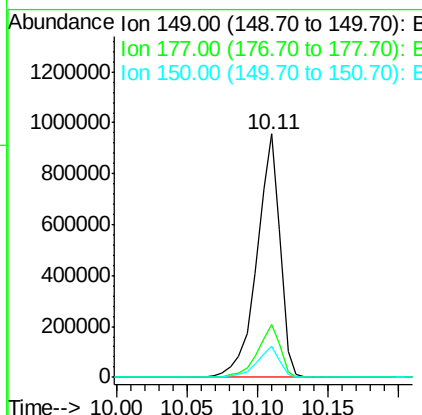
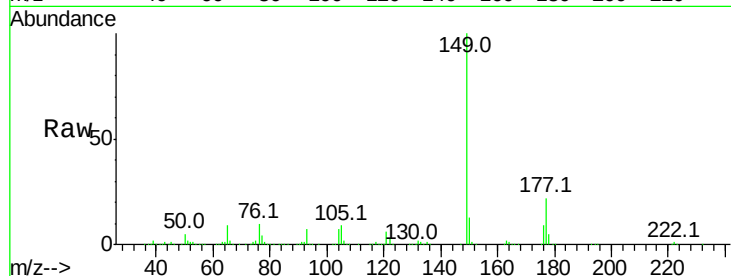




#59
Diethylphthalate
Concen: 50.90 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

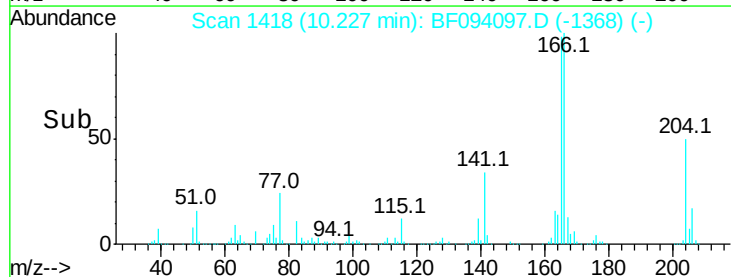
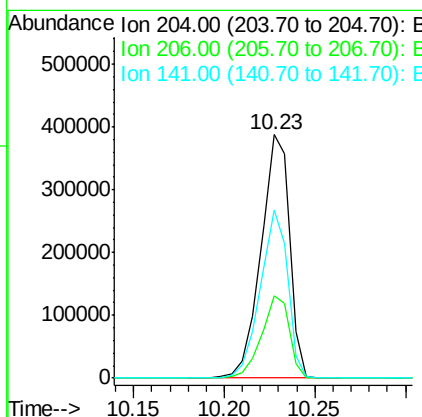
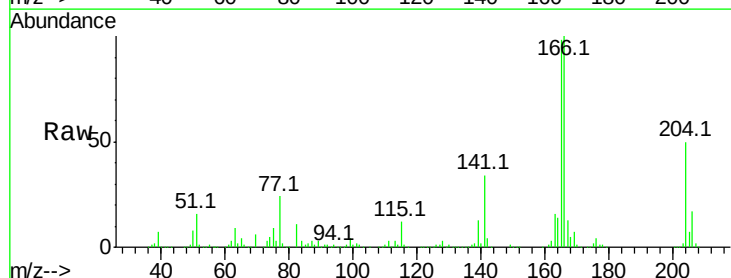
Instrument :
BNA_F
ClientSampleId :

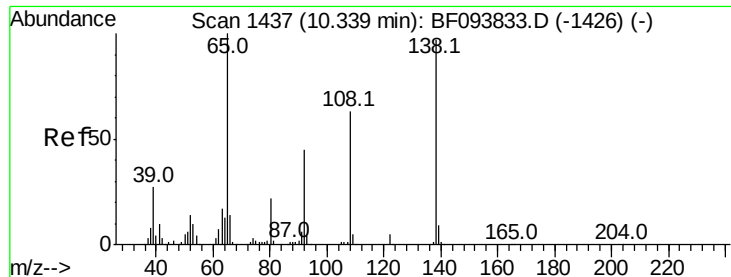
Tot Ion:149 Resp: 1100634
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.82 ng
RT: 10.23 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:204 Resp: 424277
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 69.2 60.8 91.2





#61

4-Nitroaniline

Concen: 51.31 ng

RT: 10.27 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampled :

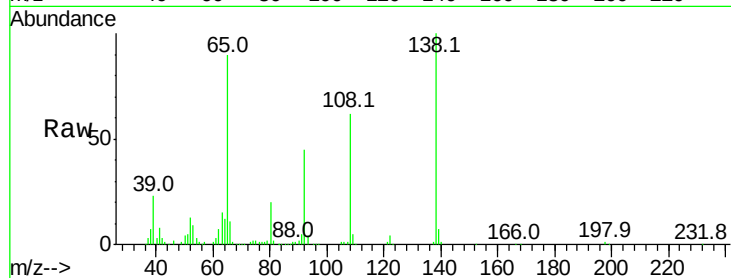
Tot Ion:138 Resp: 289967

Ion Ratio Lower Upper

138 100

92 44.6 21.8 61.8

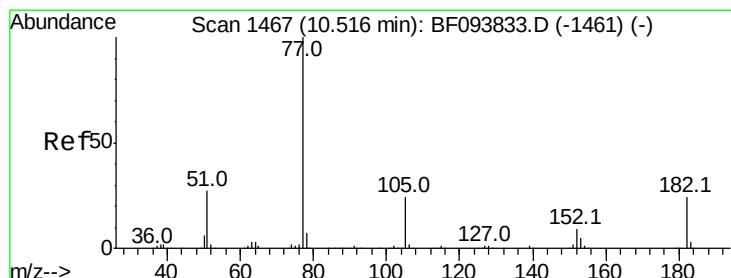
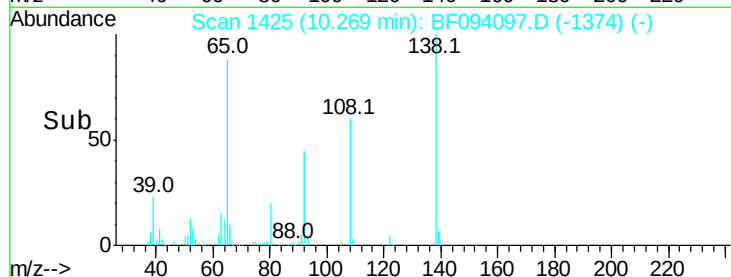
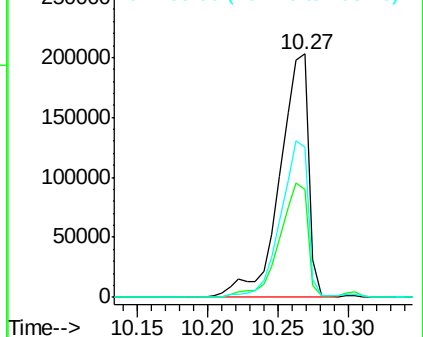
108 61.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 52.98 ng

RT: 10.43 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Tgt Ion: 77 Resp: 1083616

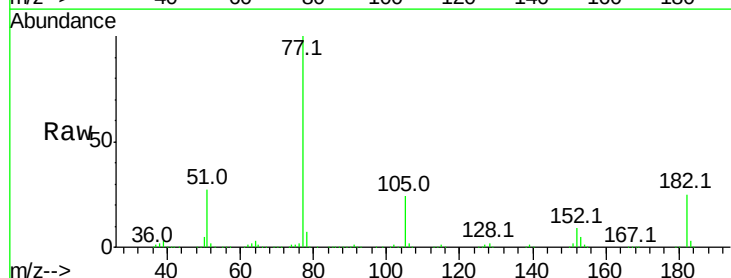
Ion Ratio Lower Upper

77 100

182 25.2 0.1 40.1

105 24.0 3.6 43.6

51 27.2 9.4 49.4

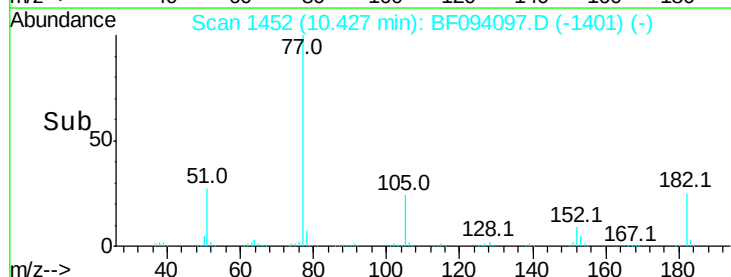
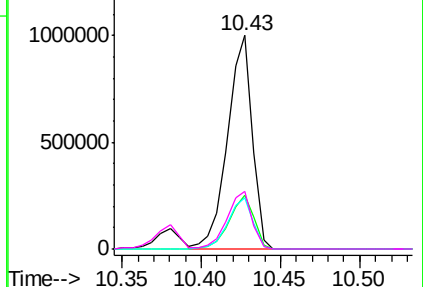


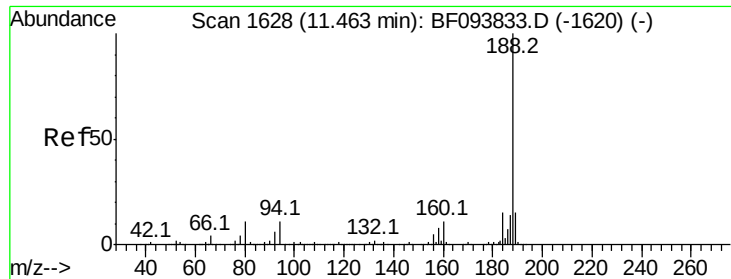
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

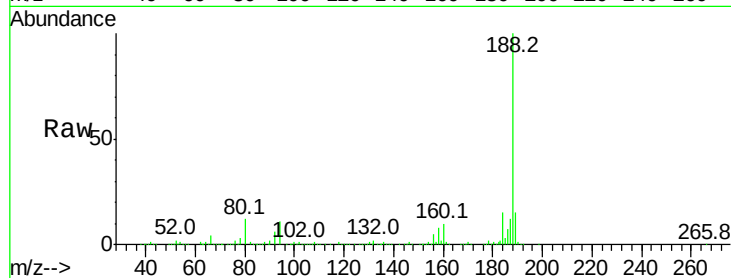




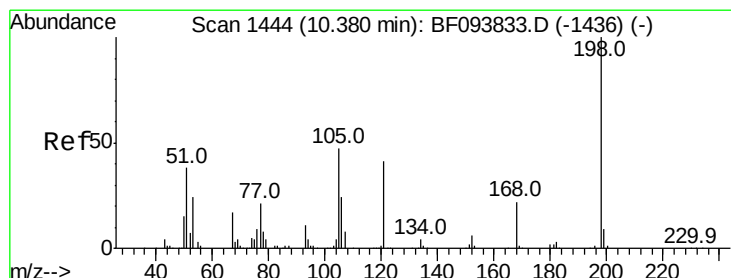
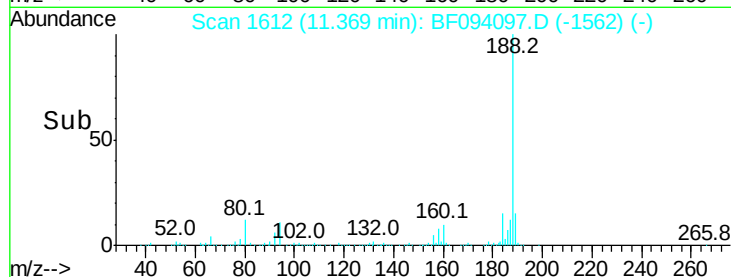
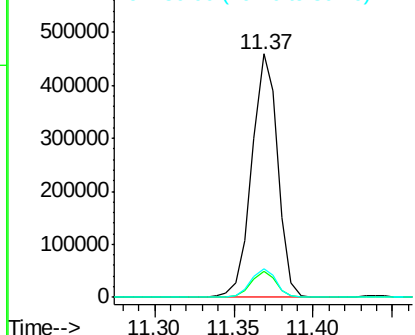
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 521936
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.5 10.2 15.2

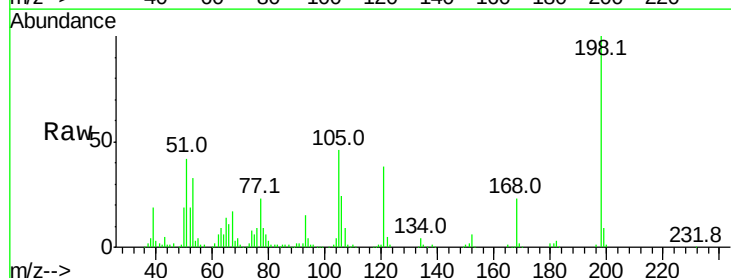


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

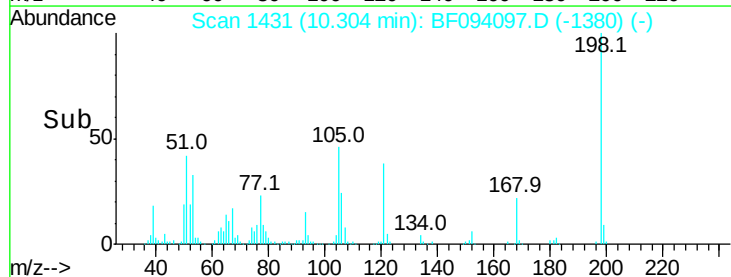
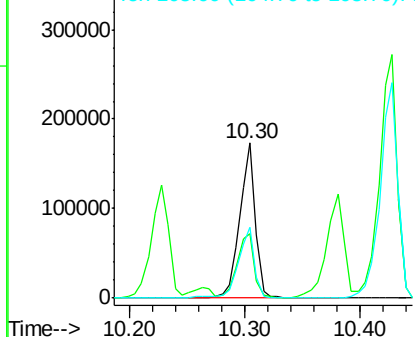


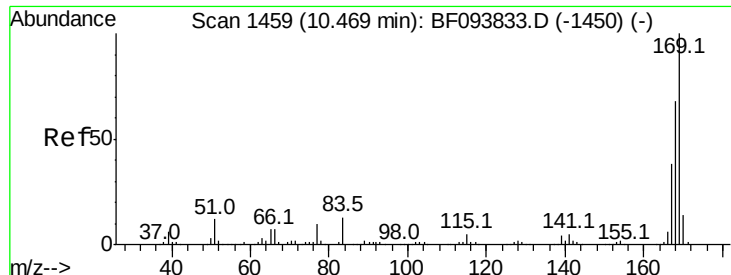
#64
4,6-Dinitro-2-methylphenol
Concen: 51.13 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:198 Resp: 163431
Ion Ratio Lower Upper
198 100
51 41.9 53.2 93.2#
105 46.1 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

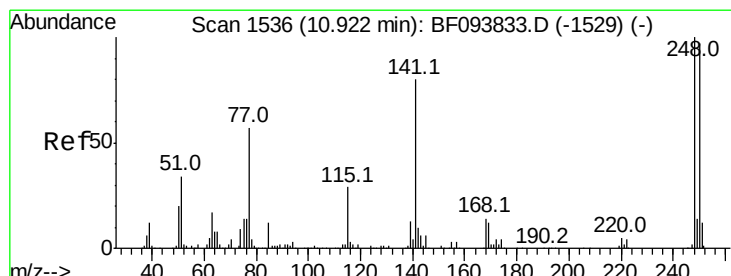
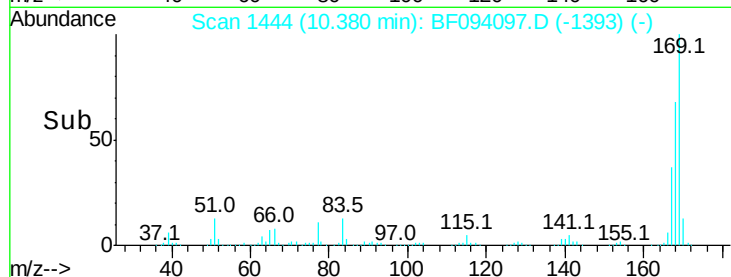
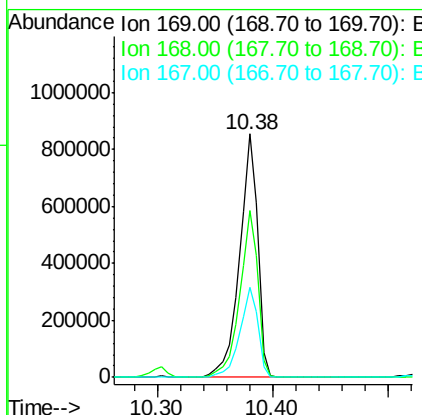
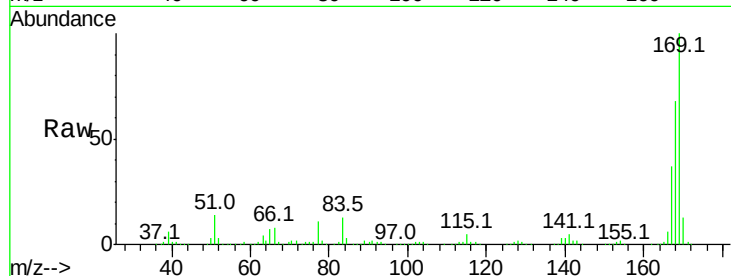




#65
 n-Nitrosodiphenylamine
 Concen: 51.39 ng
 RT: 10.38 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

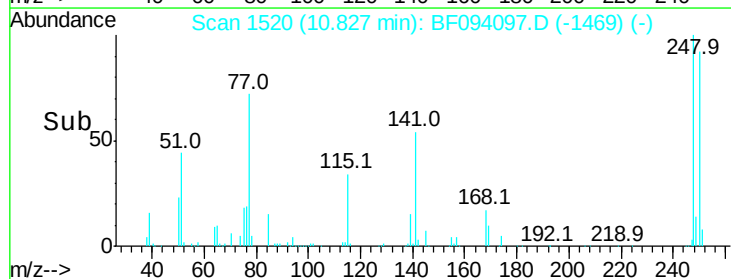
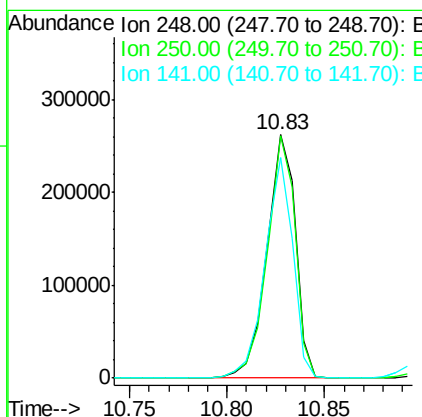
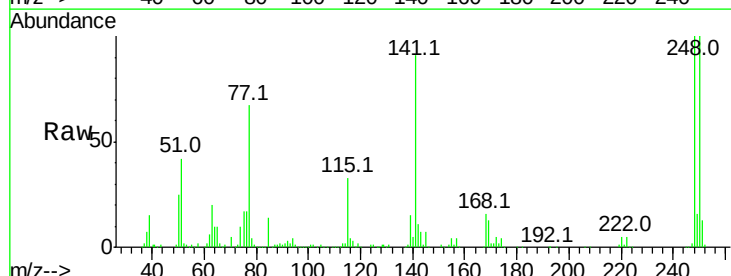
Instrument :
 BNA_F
 ClientSampleId :

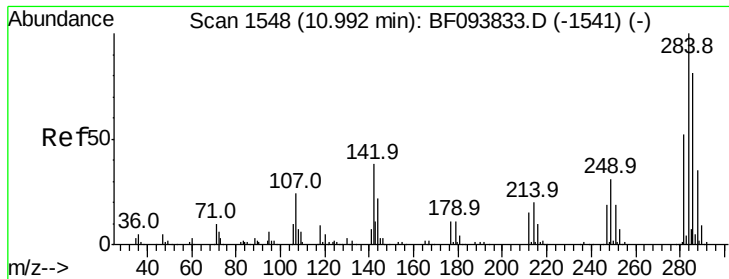
Tot Ion:169 Resp: 927670
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.2 79.8
 167 36.8 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 52.15 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:248 Resp: 267702
 Ion Ratio Lower Upper
 248 100
 250 99.7 76.8 115.2
 141 90.7 68.6 103.0





#67

Hexachlorobenzene

Concen: 53.39 ng

RT: 10.90 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

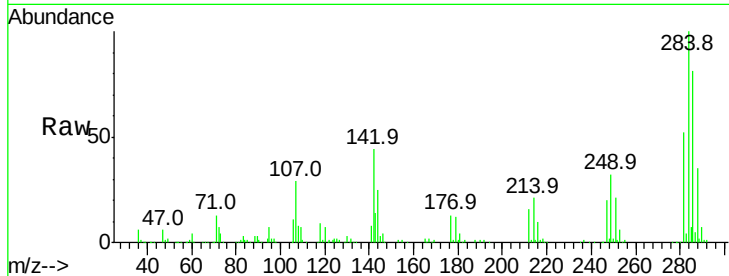
Tot Ion:284 Resp: 277428

Ion Ratio Lower Upper

284 100

142 43.8 22.8 34.2#

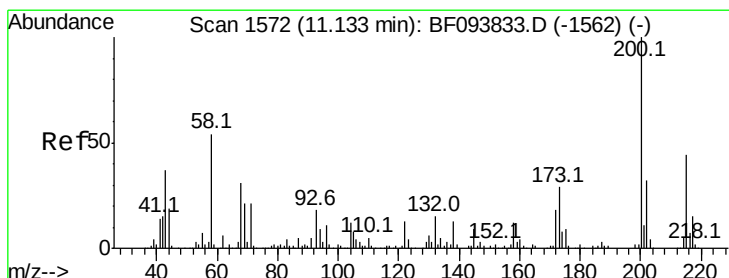
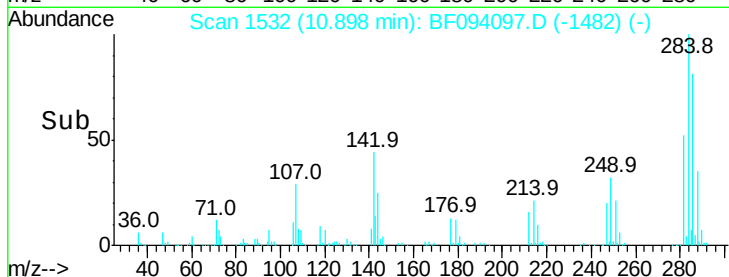
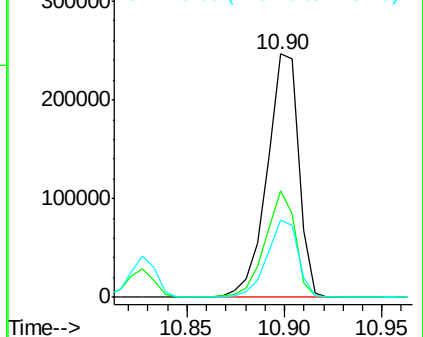
249 31.5 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.97 ng

RT: 11.05 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

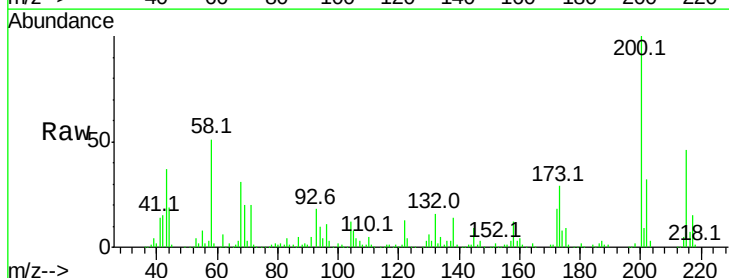
Tgt Ion:200 Resp: 259345

Ion Ratio Lower Upper

200 100

173 29.5 6.3 46.3

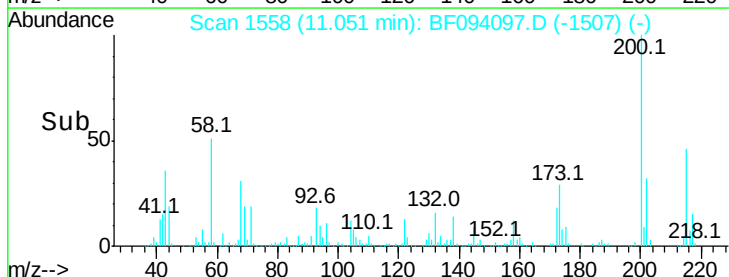
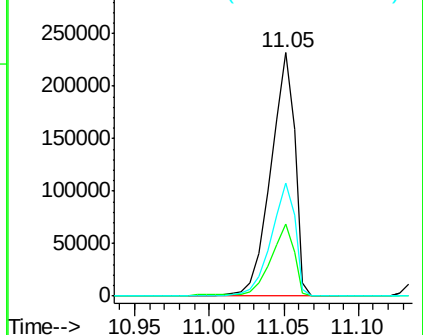
215 46.2 27.2 67.2

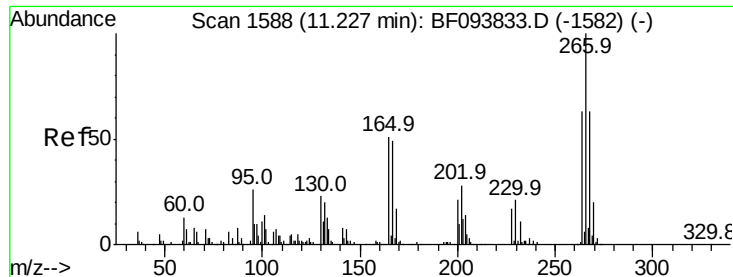


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 84.88 ng

RT: 11.15 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

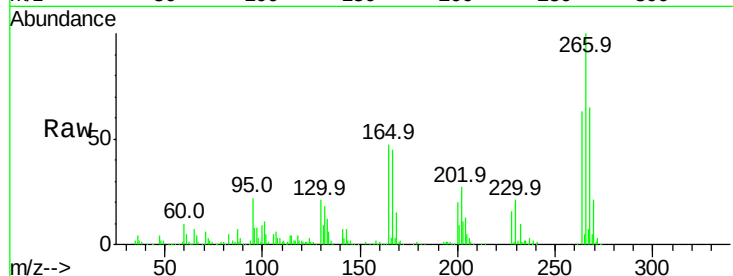
Tot Ion:266 Resp: 274519

Ion Ratio Lower Upper

266 100

268 64.7 51.1 76.7

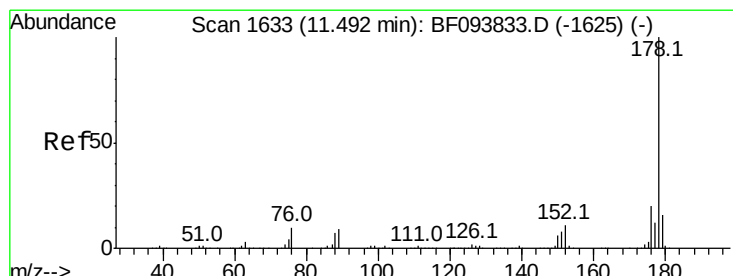
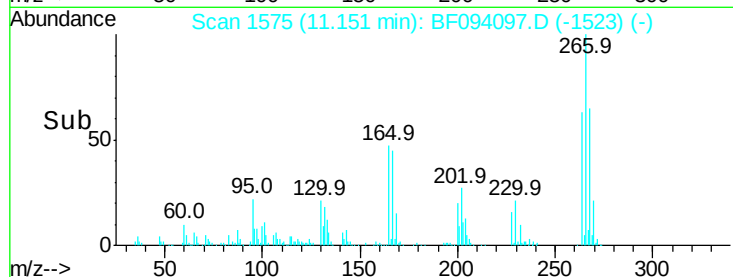
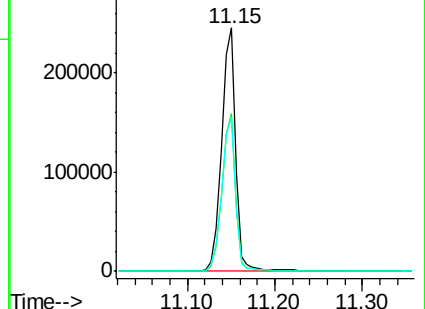
264 63.0 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 50.12 ng

RT: 11.40 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

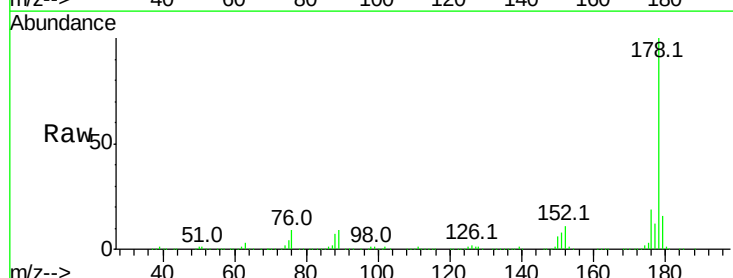
Tgt Ion:178 Resp: 1455105

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

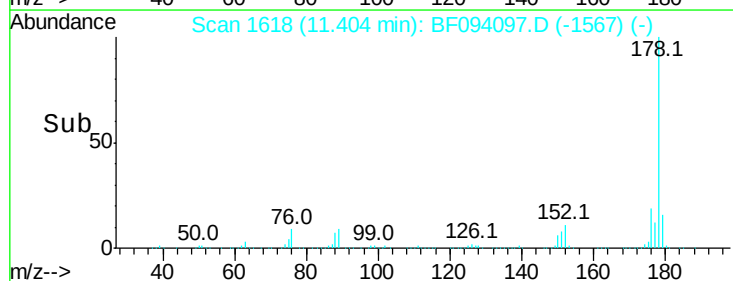
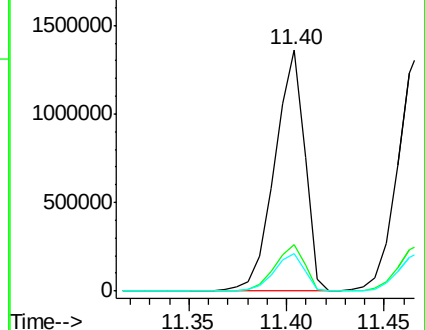
179 15.5 12.6 19.0

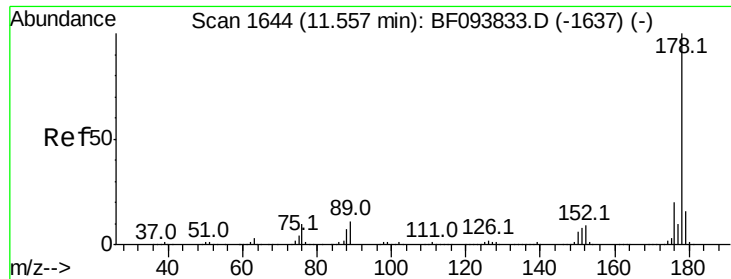


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

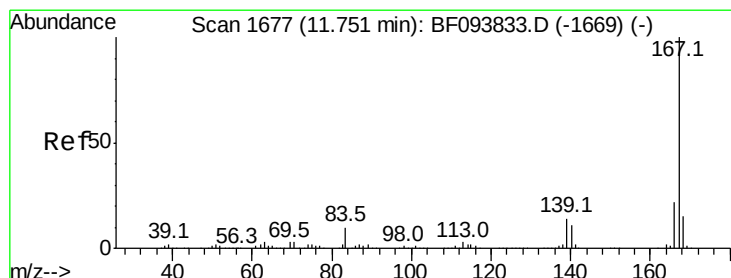
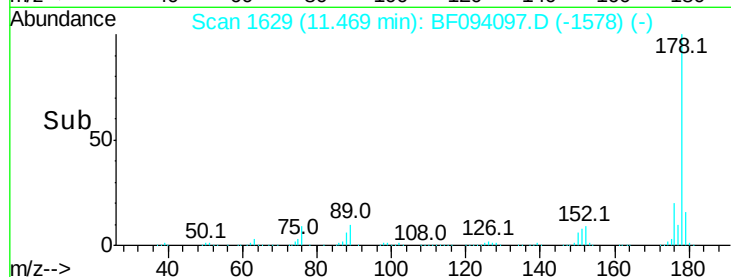
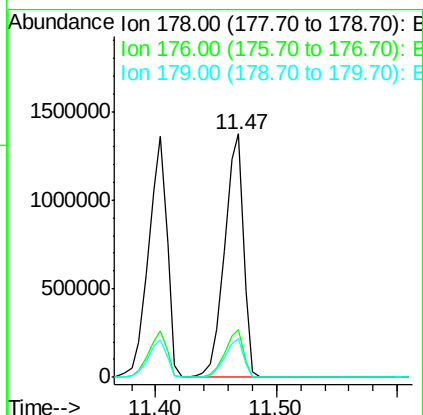
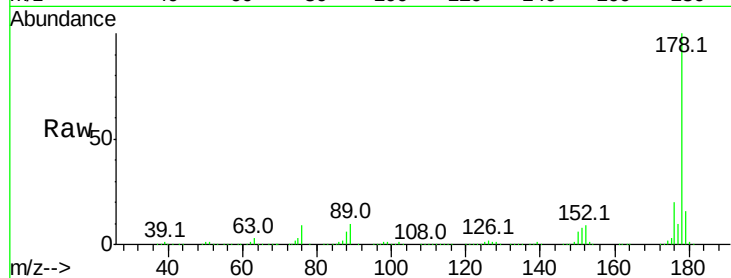




#71
 Anthracene
 Concen: 49.95 ng
 RT: 11.47 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

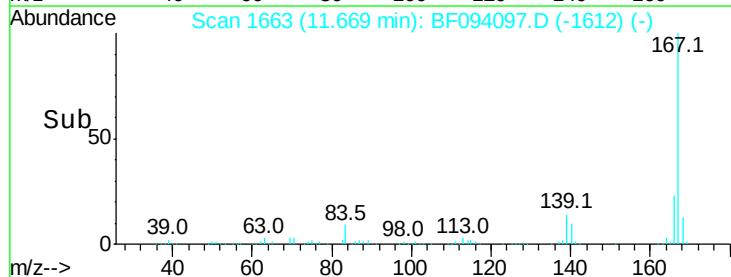
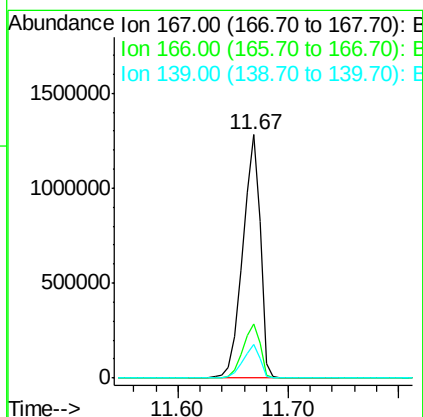
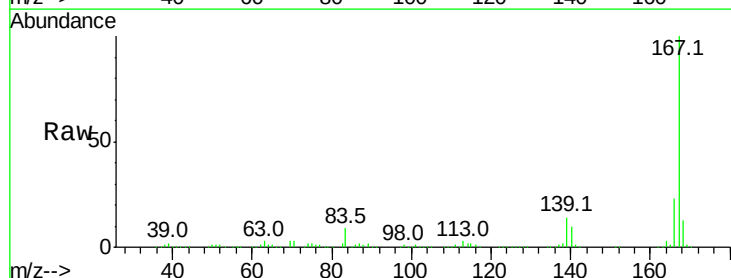
Instrument :
 BNA_F
 ClientSampleId :

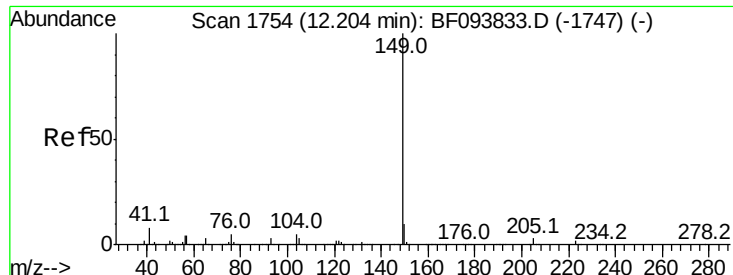
Tot Ion:178 Resp: 1493320
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 46.68 ng
 RT: 11.67 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:167 Resp: 1431053
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 50.98 ng

RT: 12.12 min Scan# 1739

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

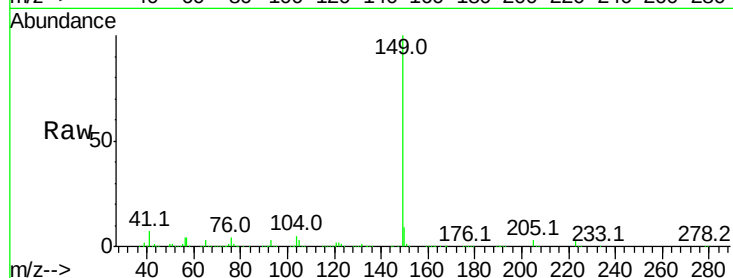
Tot Ion:149 Resp: 1625159

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

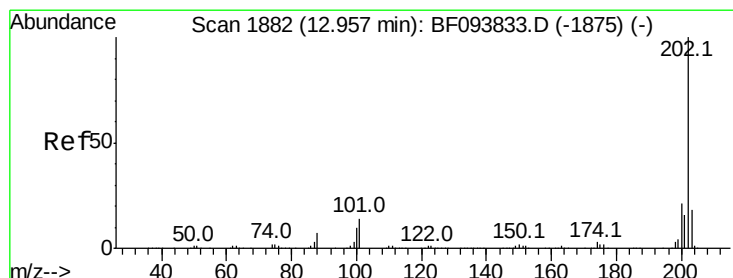
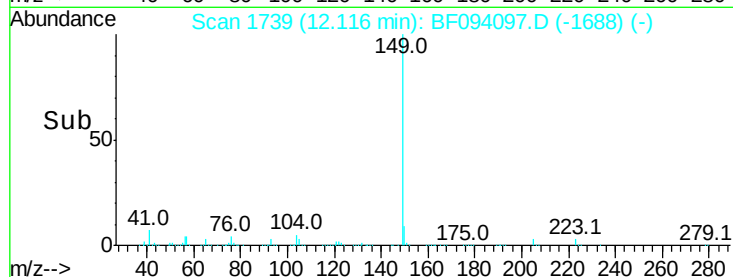
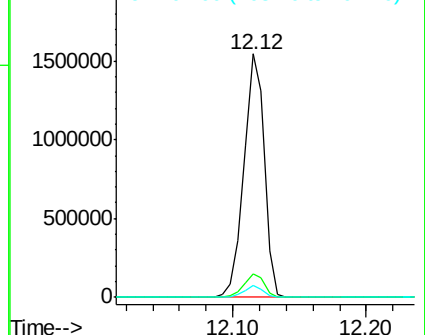
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.38 ng

RT: 12.86 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

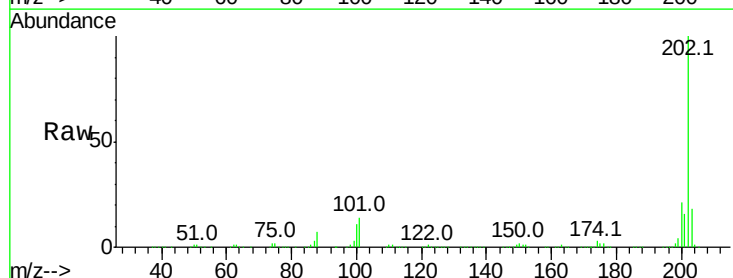
Tgt Ion:202 Resp: 1438403

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

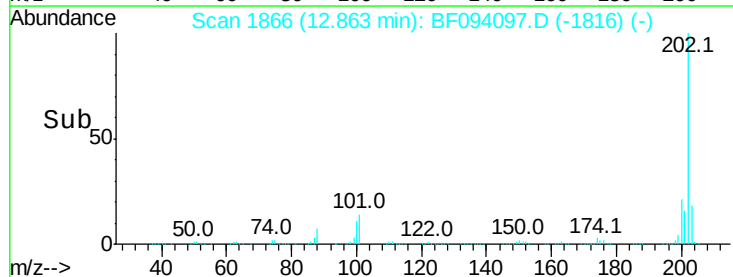
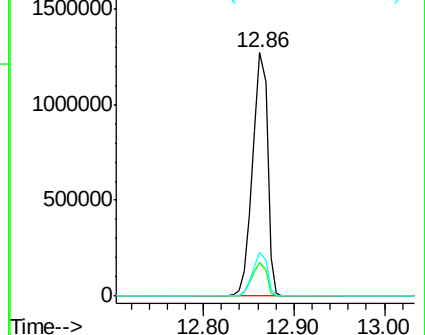
203 18.0 0.0 38.1

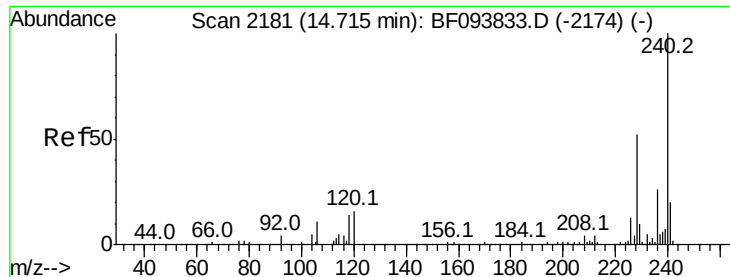


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.63 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampled :

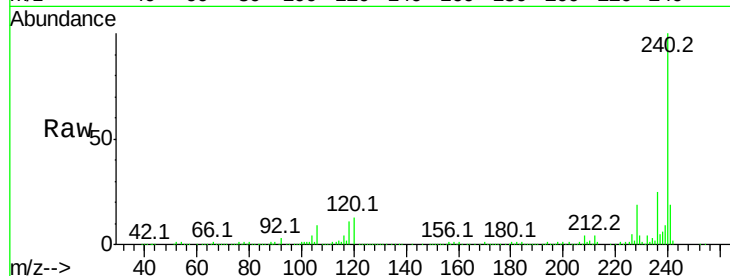
Tot Ion:240 Resp: 369413

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

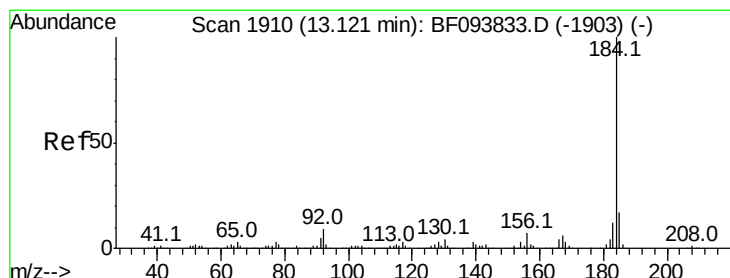
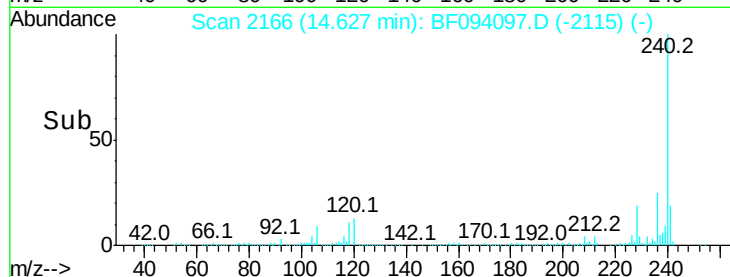
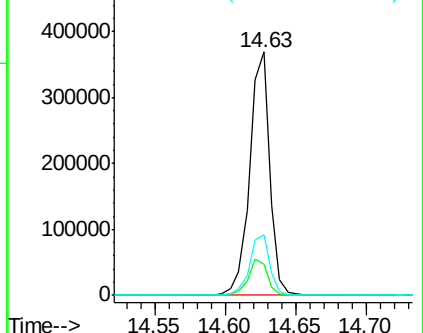
236 24.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.46 ng

RT: 13.03 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

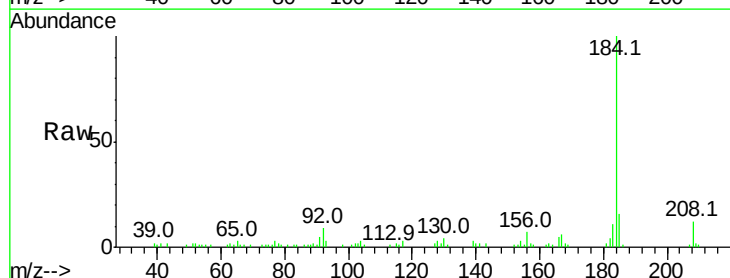
Tgt Ion:184 Resp: 50576

Ion Ratio Lower Upper

184 100

185 16.1 15.5 23.3

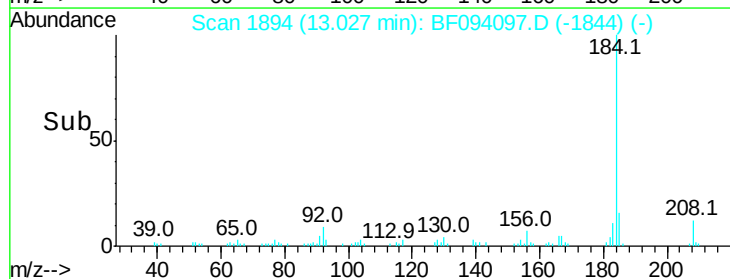
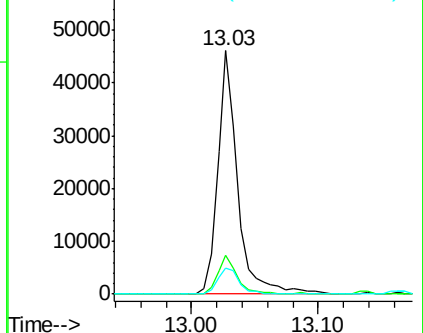
183 10.6 9.8 14.6

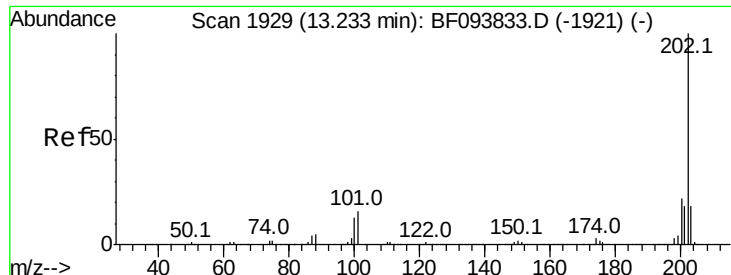


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

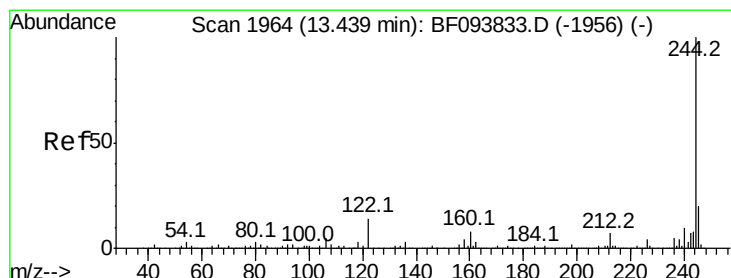
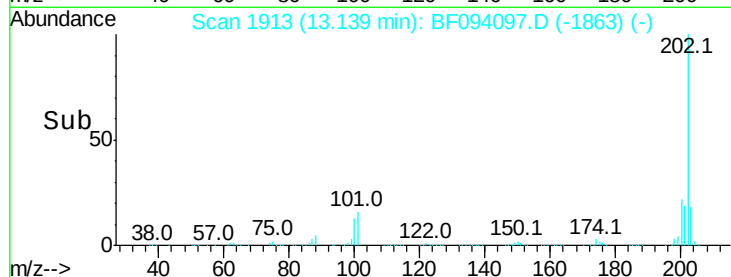
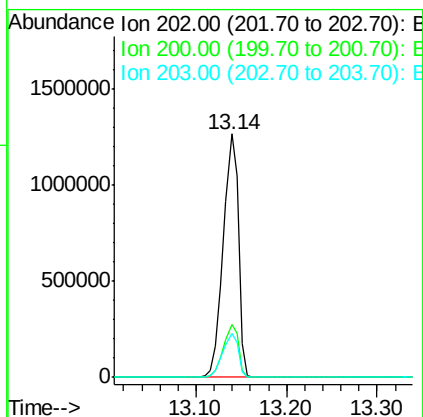
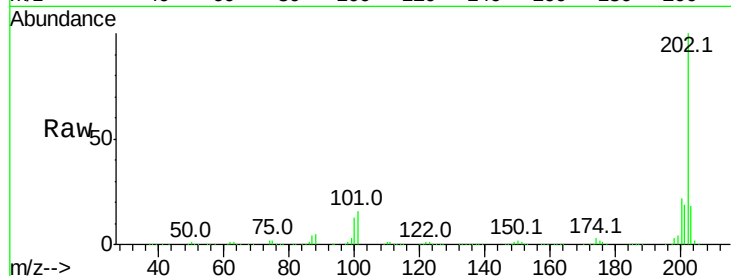




#77
Pvrene
Concen: 54.37 ng
RT: 13.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

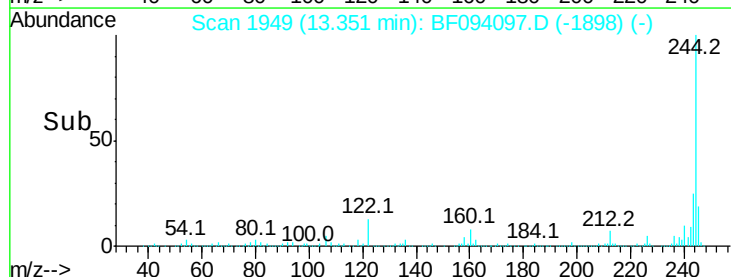
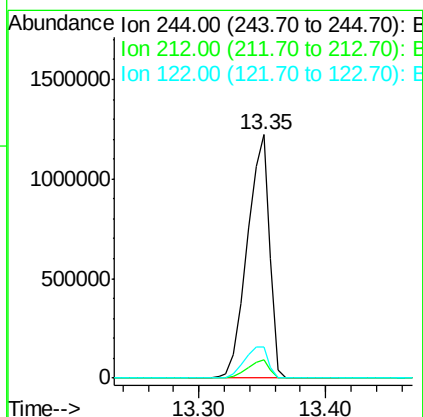
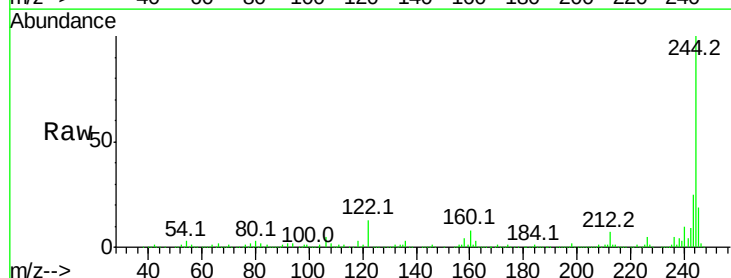
Instrument :
BNA_F
ClientSampleId :

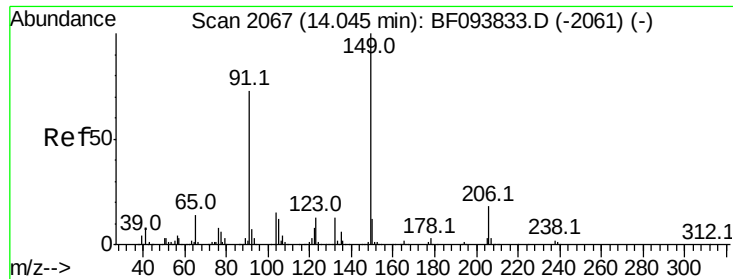
Tot Ion:202 Resp: 1457545
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.0 14.4 21.6



#78
Terphenyl-d14
Concen: 90.38 ng
RT: 13.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:244 Resp: 1489482
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.8 10.3 15.5

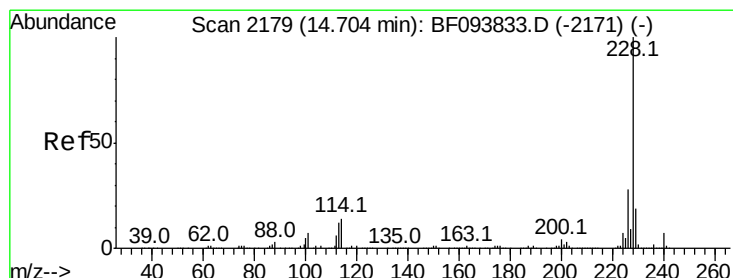
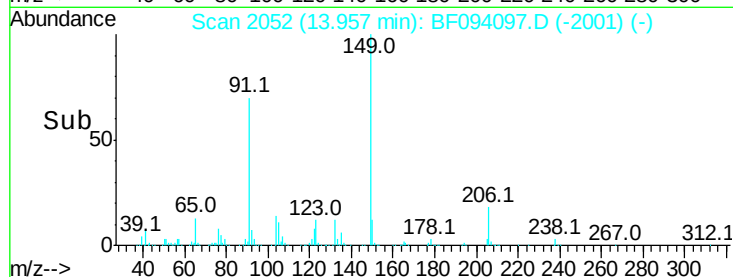
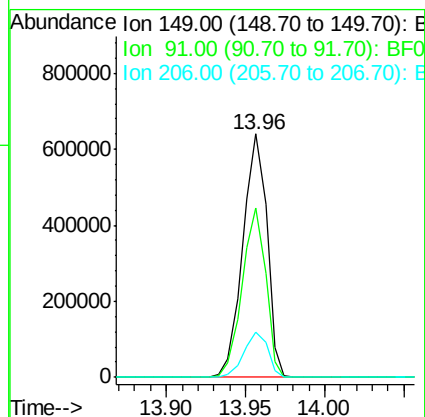
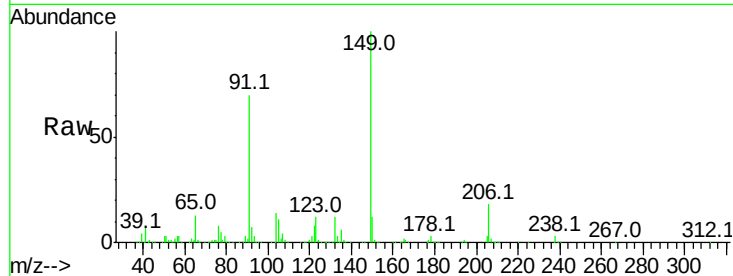




#79
Butylbenzylphthalate
Concen: 59.10 ng
RT: 13.96 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

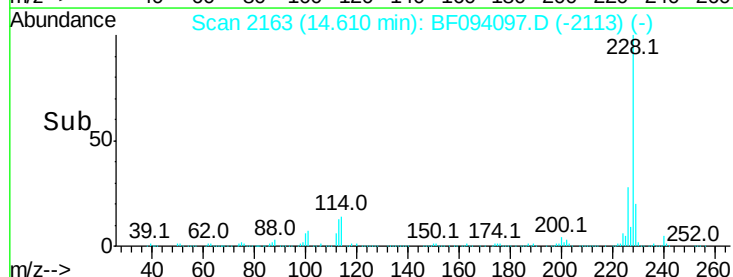
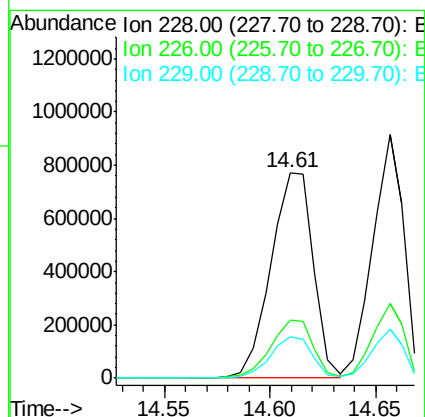
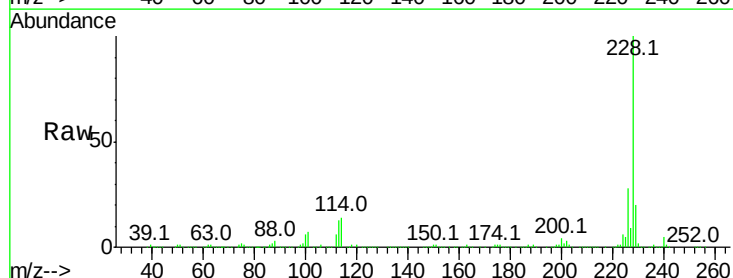
Instrument :
BNA_F
ClientSampleId :

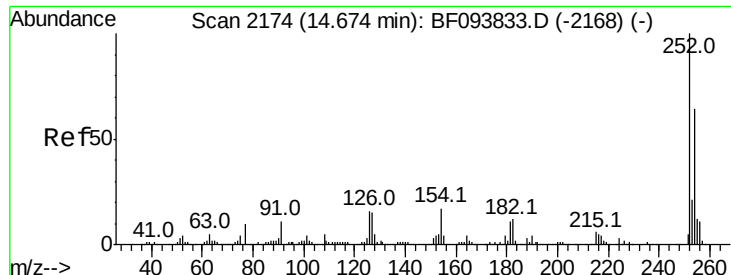
Tot Ion:149 Resp: 675102
Ion Ratio Lower Upper
149 100
91 69.5 45.0 67.4#
206 18.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 50.10 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:228 Resp: 1079226
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.1 16.3 24.5

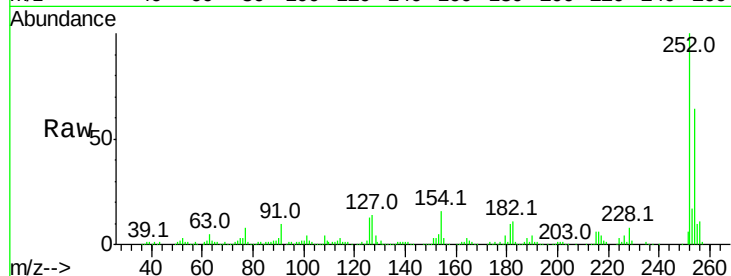




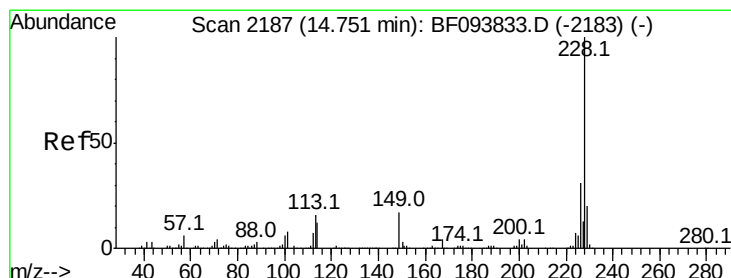
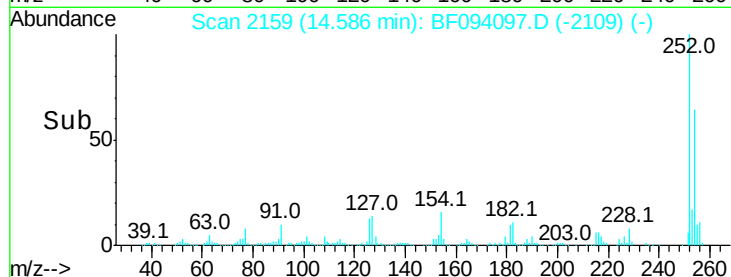
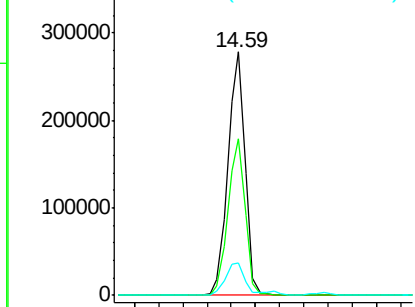
#81
 3,3'-Dichlorobenzidine
 Concen: 35.68 ng
 RT: 14.59 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	13.2	15.8	23.8#

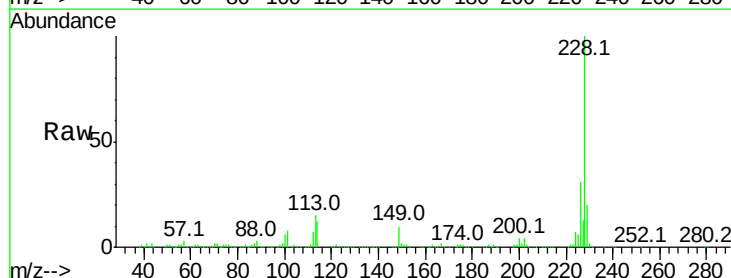


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

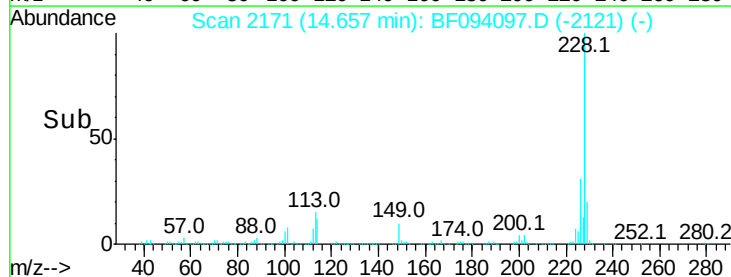
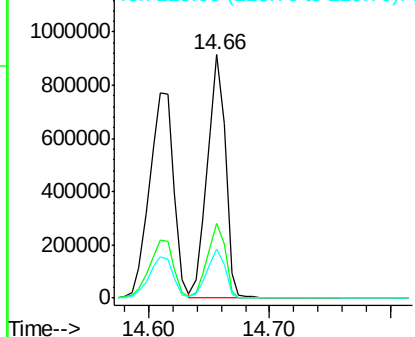


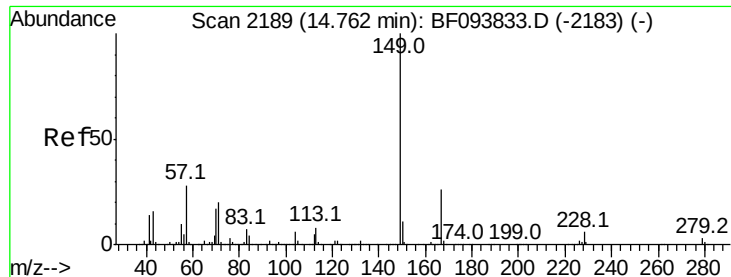
#82
 Chrysene
 Concen: 47.42 ng
 RT: 14.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.2	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

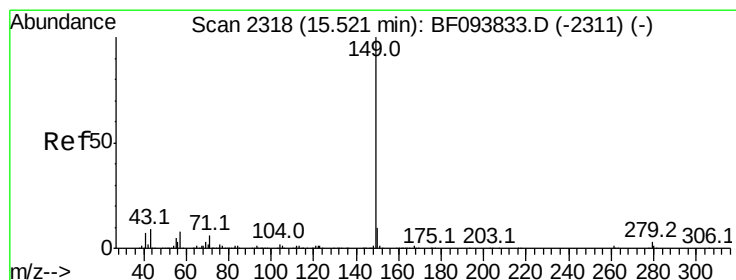
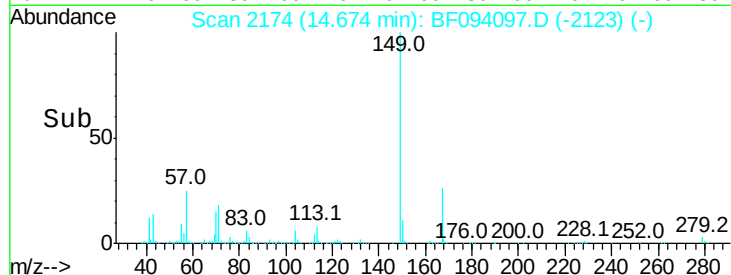
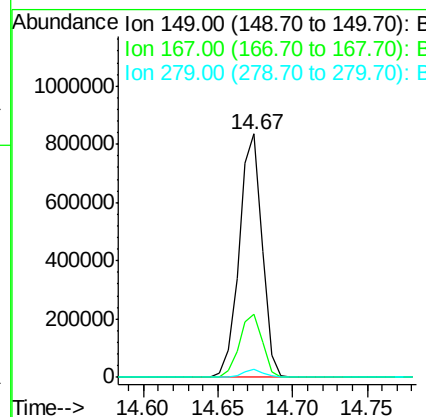
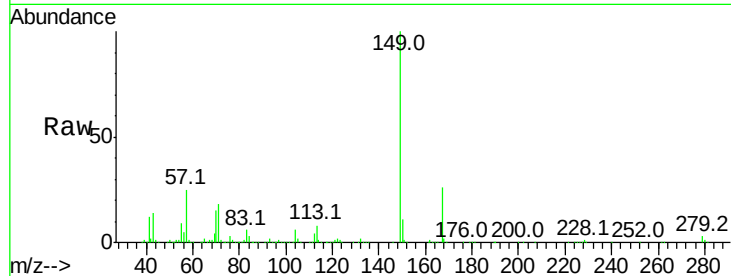




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.58 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

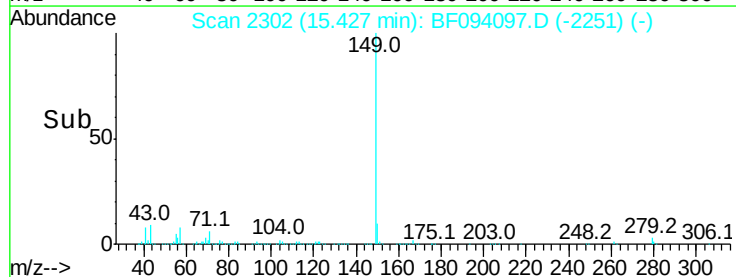
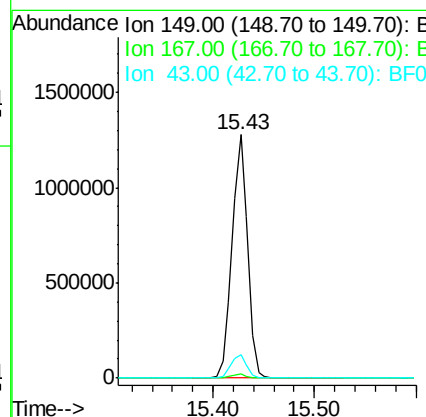
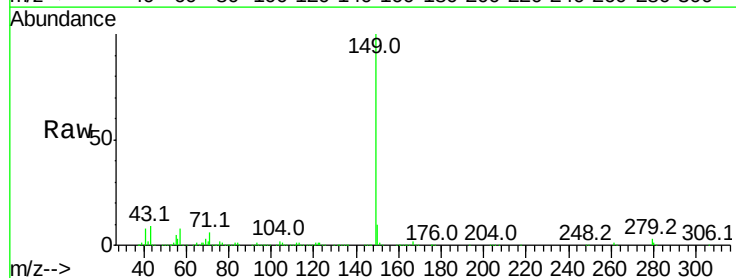
Instrument :
 BNA_F
 ClientSampleId :

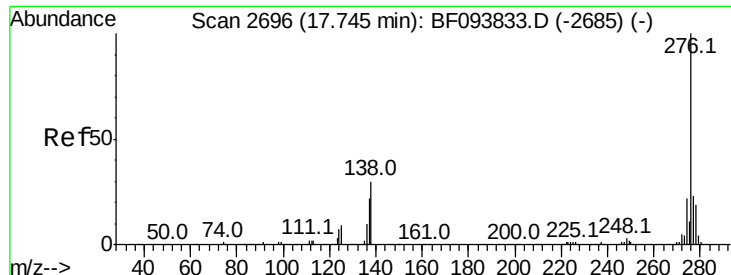
Tot Ion:149 Resp: 897430
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 52.14 ng
 RT: 15.43 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:149 Resp: 1357494
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.5 12.7

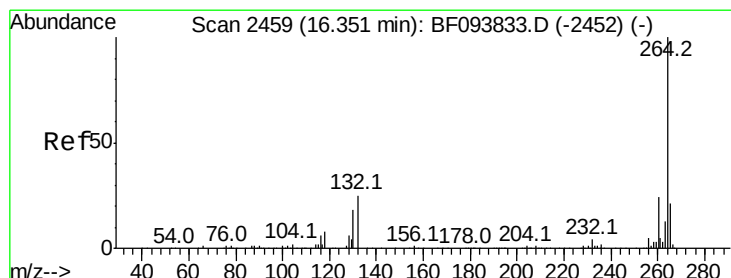
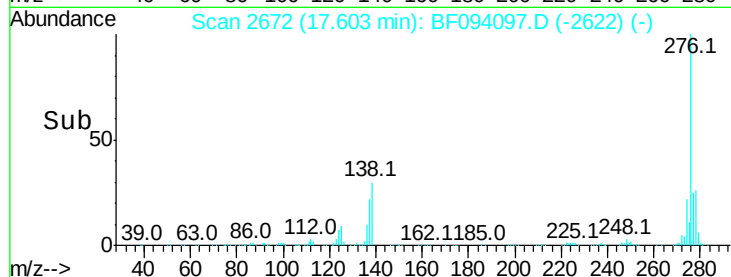
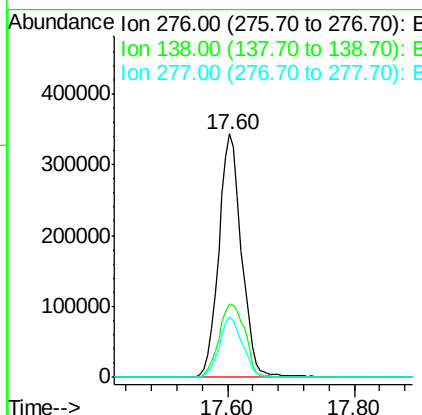
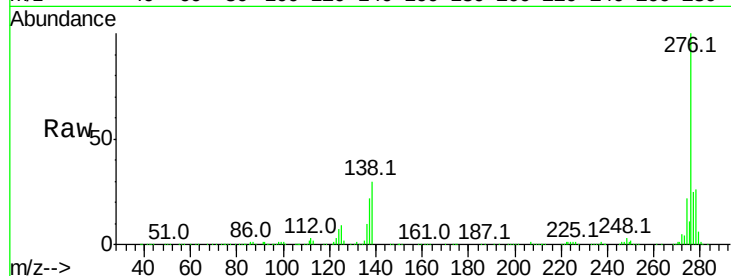




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.48 ng
 RT: 17.60 min Scan# 2672
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

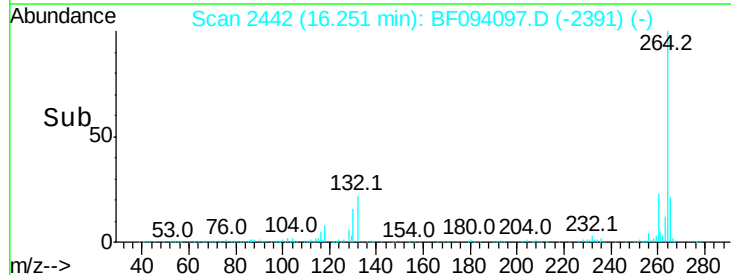
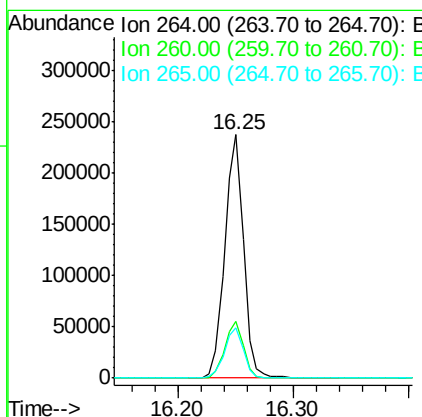
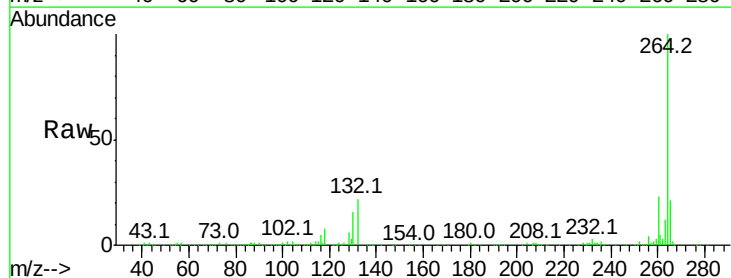
Instrument :
 BNA_F
 ClientSampleId :

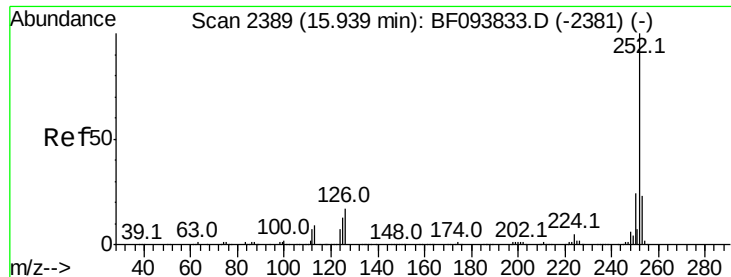
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.25 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.42 ng

RT: 15.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampled :

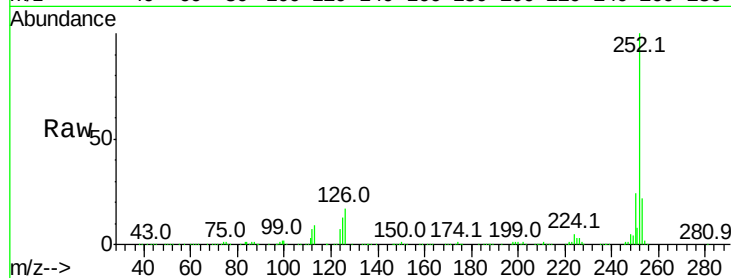
Tot Ion:252 Resp: 791540

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

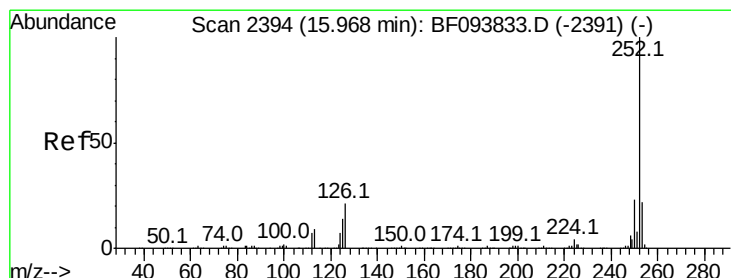
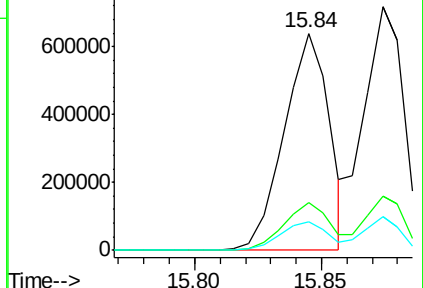
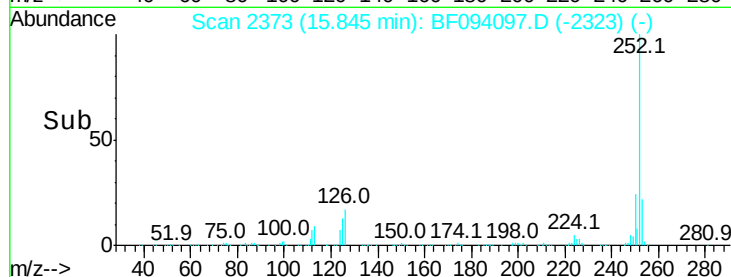
125 13.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.02 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

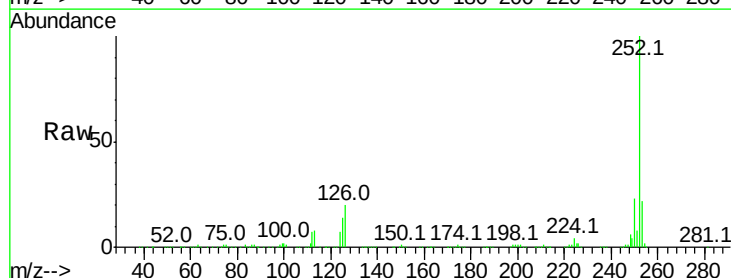
Tgt Ion:252 Resp: 800065

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

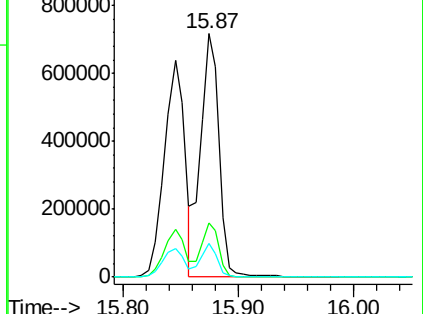
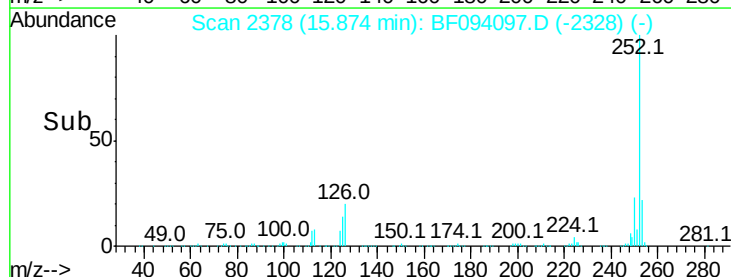
125 13.7 13.1 19.7

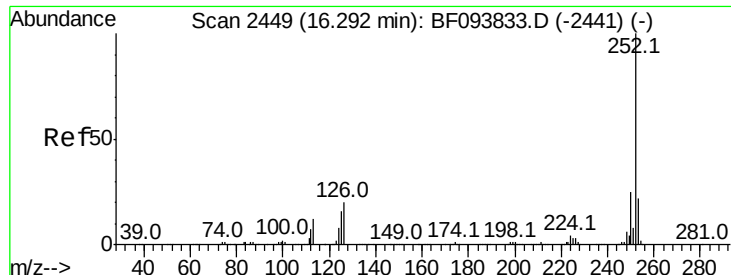


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

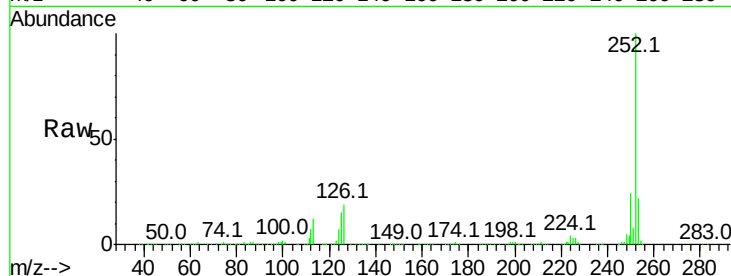




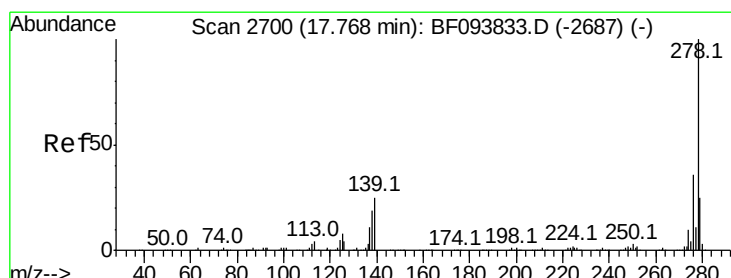
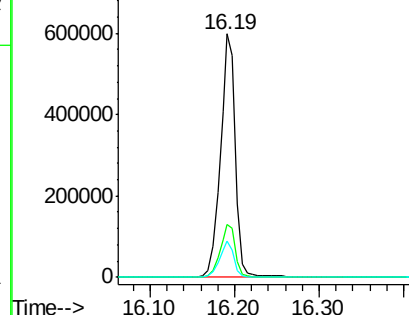
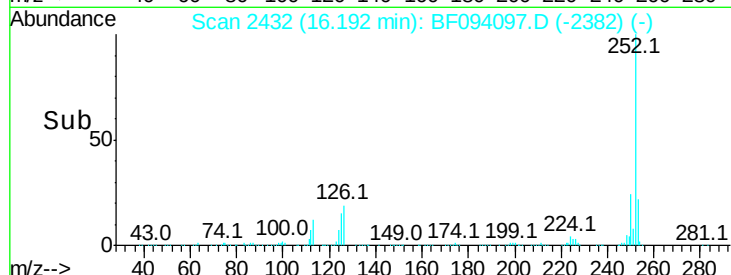
#89
Benzo(a)pyrene
Concen: 49.80 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 749684
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 15.1 11.0 16.4

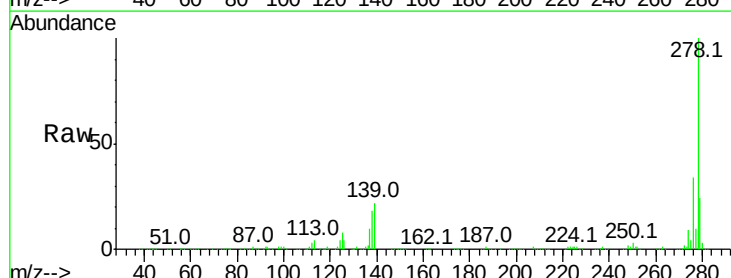


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

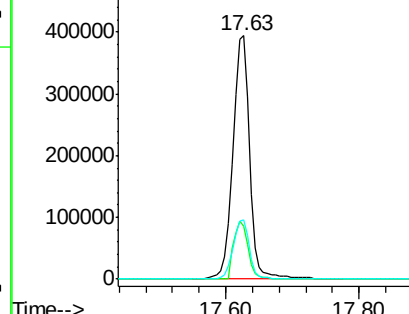
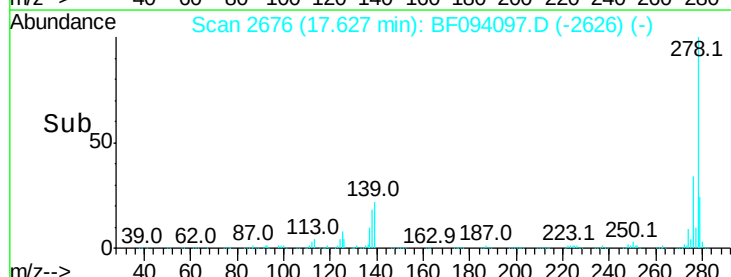


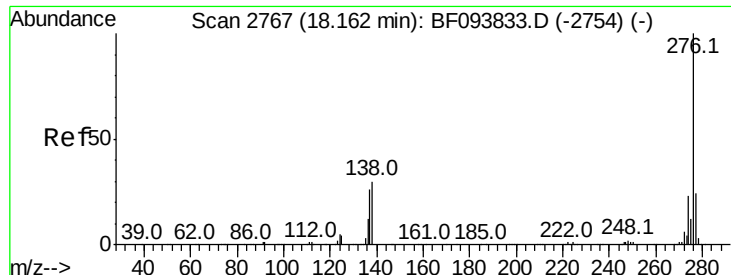
#90
Dibenzo(a,h)anthracene
Concen: 55.25 ng
RT: 17.63 min Scan# 2676
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:278 Resp: 704425
Ion Ratio Lower Upper
278 100
139 21.8 16.6 24.8
279 24.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

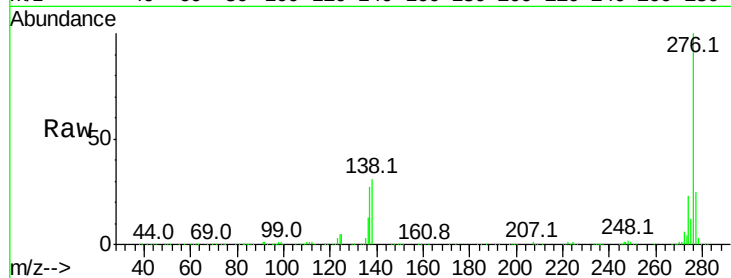




#91
 Benzo(a,h,i)perylene
 Concen: 56.95 ng
 RT: 18.00 min Scan# 2740
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	30.7	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

