

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094004.D
 Acq On : 28 Mar 2017 20:35
 Operator : SJ/MA
 Sample : PB97860BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:38:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	163597	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	668972	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	317422	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	550454	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	370250	20.00	ng	-0.03
86) Perylene-d12	16.27	264	275193	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	4.47	112	792398	81.81	ng	0.00
7) Phenol-d6	5.53	99	985109	82.21	ng	-0.02
23) Nitrobenzene-d5	6.58	82	889456	75.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	223019	88.91	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1691609	81.28	ng	-0.02
78) Terphenyl-d14	13.37	244	1326011	80.28	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	146574	31.50	ng	97
3) Pyridine	2.83	79	429640	33.88	ng	99
4) n-Nitrosodimethylamine	2.79	42	191848	36.76	ng	88
6) Aniline	5.55	93	282102	16.92	ng	# 10
8) 2-Chlorophenol	5.69	128	435452	40.90	ng	97
9) Benzaldehyde	5.42	77	86306	10.67	ng	97
10) Phenol	5.55	94	515538	37.81	ng	94
11) bis(2-Chloroethyl)ether	5.63	93	402472	37.77	ng	98
12) 1,3-Dichlorobenzene	5.86	146	453116	37.94	ng	99
13) 1,4-Dichlorobenzene	5.95	146	459301	37.97	ng	95
14) 1,2-Dichlorobenzene	6.12	146	429517	38.56	ng	98
15) Benzyl Alcohol	6.10	79	350557	39.97	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.26	45	561273	34.18	ng	97
17) 2-Methylphenol	6.24	107	365060	40.04	ng	97
18) Hexachloroethane	6.52	117	161350	37.95	ng	# 83
19) n-Nitroso-di-n-propylamine	6.42	70	291888	37.90	ng	98
20) 3+4-Methylphenols	6.42	107	455370	41.24	ng	# 63
22) Acetophenone	6.40	105	602140	40.39	ng	# 88
24) Nitrobenzene	6.60	77	437146	37.81	ng	95
25) Isophorone	6.89	82	803258	39.00	ng	95
26) 2-Nitrophenol	6.97	139	244521	44.35	ng	97
27) 2,4-Dimethylphenol	7.05	122	396035	41.69	ng	97
28) bis(2-Chloroethoxy)methane	7.15	93	516690	38.04	ng	99
29) 2,4-Dichlorophenol	7.27	162	379469	42.72	ng	99
30) 1,2,4-Trichlorobenzene	7.37	180	368741	40.31	ng	97
31) Naphthalene	7.46	128	1237856	38.48	ng	100
32) Benzoic acid	7.20	122	285845	45.20	ng	91
33) 4-Chloroaniline	7.52	127	126727	9.72	ng	# 93
34) Hexachlorobutadiene	7.62	225	183106	39.03	ng	98
35) Caprolactam	7.97	113	78140	27.59	ng	91
36) 4-Chloro-3-methylphenol	8.15	107	403771	43.50	ng	90
37) 2-Methylnaphthalene	8.30	142	870118	40.58	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	320323	36.89	ng	99
40) Hexachlorocyclopentadiene	8.50	237	337764	83.12	ng	98

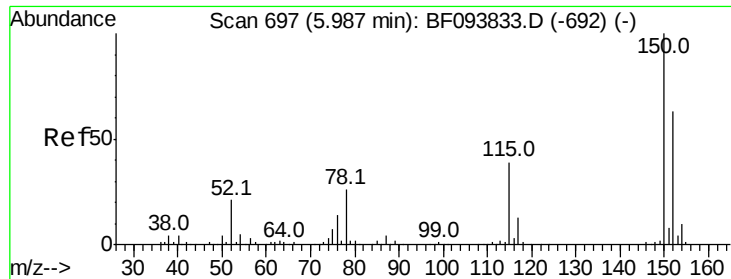
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094004.D
 Acq On : 28 Mar 2017 20:35
 Operator : SJ/MA
 Sample : PB97860BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:38:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	265445	43.21	nq	99
43) 2,4,5-Trichlorophenol	8.71	196	266607	40.11	nq	93
45) 1,1'-Biphenyl	8.87	154	992694	38.77	nq	97
46) 2-Chloronaphthalene	8.90	162	776634	38.75	nq	95
47) 2-Nitroaniline	9.02	65	232677	39.14	nq	89
48) Acenaphthylene	9.40	152	1252182	37.59	nq	99
49) Dimethylphthalate	9.27	163	943428	41.81	nq	100
50) 2,6-Dinitrotoluene	9.33	165	213961	41.37	nq	# 86
51) Acenaphthene	9.62	154	740076	38.08	nq	100
52) 3-Nitroaniline	9.53	138	108252	17.82	nq	94
53) 2,4-Dinitrophenol	9.66	184	225192	81.28	nq	# 75
54) Dibenzofuran	9.83	168	1086200	41.05	nq	99
55) 4-Nitrophenol	9.77	139	336698	70.79	nq	# 67
56) 2,4-Dinitrotoluene	9.83	165	263492	40.55	nq	# 76
57) Fluorene	10.25	166	806836	36.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	199889	43.82	nq	98
59) Diethylphthalate	10.13	149	927529	41.59	nq	100
60) 4-Chlorophenyl-phenylether	10.26	204	357142	38.21	nq	92
61) 4-Nitroaniline	10.29	138	217149	37.26	nq	98
62) Azobenzene	10.45	77	880048	41.72	nq	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	142708	42.33	nq	# 69
65) n-Nitrosodiphenylamine	10.41	169	764700	40.17	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	219992	40.64	nq	97
67) Hexachlorobenzene	10.93	284	225845	41.21	nq	# 87
68) Atrazine	11.08	200	212750	37.31	nq	98
69) Pentachlorophenol	11.17	266	234696	68.80	nq	99
70) Phenanthrene	11.43	178	1188485	38.81	nq	99
71) Anthracene	11.50	178	1229245	38.99	nq	99
72) Carbazole	11.70	167	1105316	34.19	nq	98
73) Di-n-butylphthalate	12.15	149	1411286	41.98	nq	99
74) Fluoranthene	12.89	202	1161062	37.03	nq	99
76) Benzidine	13.06	184	138133	9.43	nq	# 93
77) Pyrene	13.17	202	1152534	42.89	nq	100
79) Butylbenzylphthalate	13.99	149	561847	49.07	nq	89
80) Benzo(a)anthracene	14.64	228	869034	40.25	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	165306	21.42	nq	# 97
82) Chrysene	14.68	228	762392	38.05	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	767500	49.14	nq	# 99
84) Di-n-octyl phthalate	15.45	149	1235482	47.35	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	654271	37.71	nq	100
87) Benzo(b)fluoranthene	15.87	252	716311	42.46	nq	97
88) Benzo(k)fluoranthene	15.87	252	716311	43.40	nq	95
89) Benzo(a)pyrene	16.22	252	641758	41.31	nq	99
90) Dibenzo(a,h)anthracene	17.66	278	543951	41.35	nq	97
91) Benzo(g,h,i)perylene	18.04	276	527287	39.77	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleId :

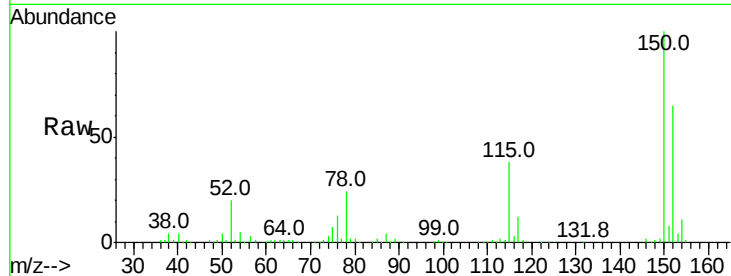
Tot Ion:152 Resp: 163597

Ion Ratio Lower Upper

152 100

150 153.5 126.2 189.2

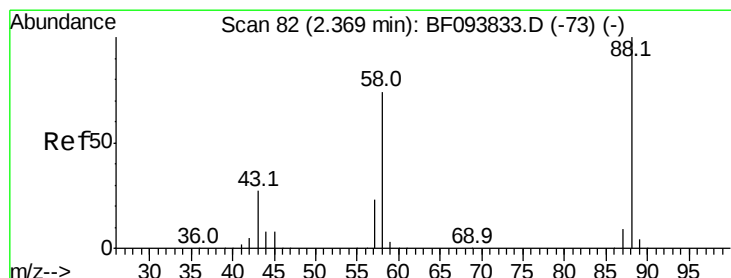
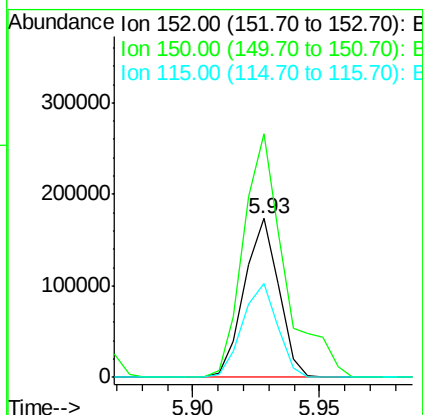
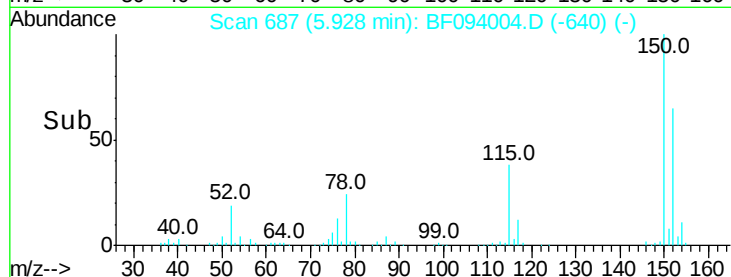
115 59.0 52.2 78.2



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: 31.50 ng

RT: 2.36 min Scan# 80

Delta R.T. 0.04 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

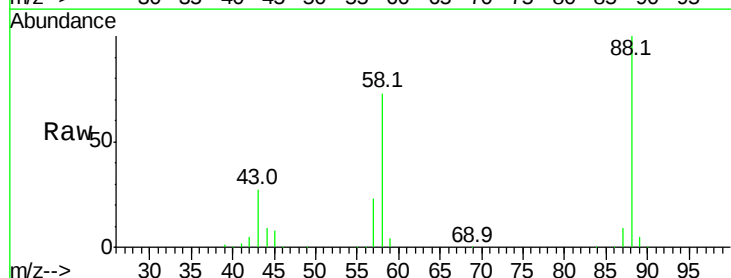
Tgt Ion: 88 Resp: 146574

Ion Ratio Lower Upper

88 100

58 74.2 61.4 92.0

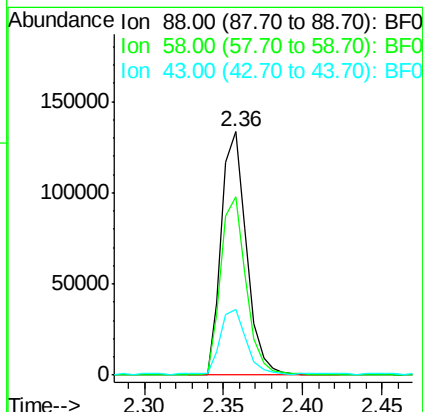
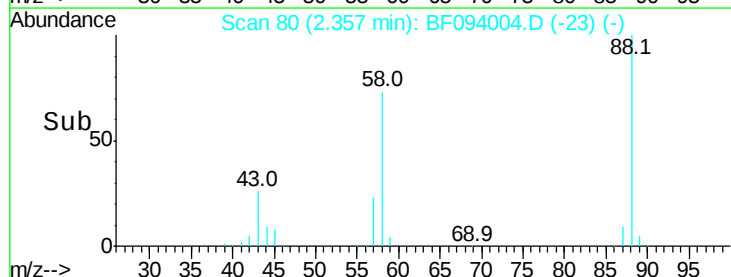
43 27.3 23.4 35.0

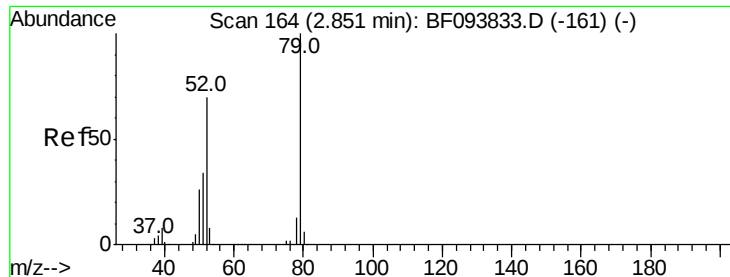


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.88 ng

RT: 2.83 min Scan# 161

Delta R.T. 0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampled :

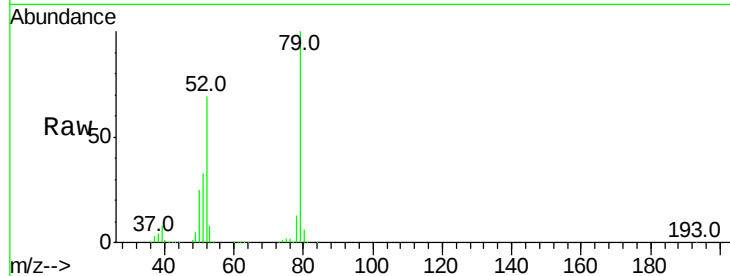
Tot Ion: 79 Resp: 429640

Ion Ratio Lower Upper

79 100

52 68.7 54.8 82.2

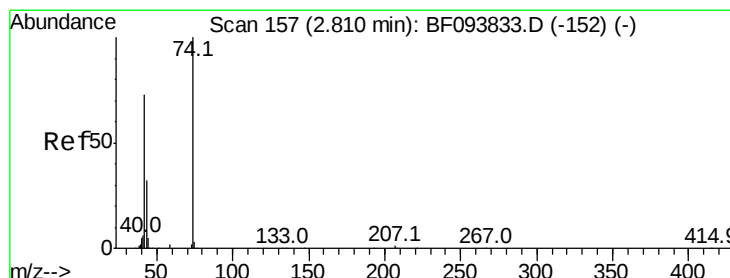
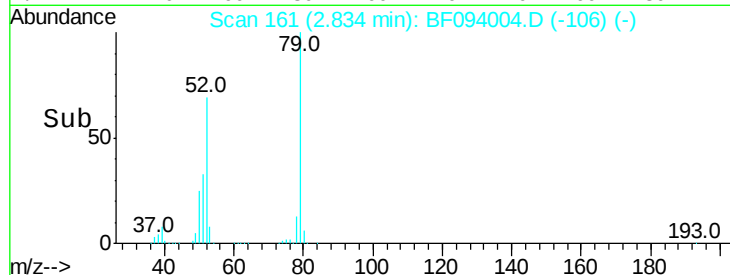
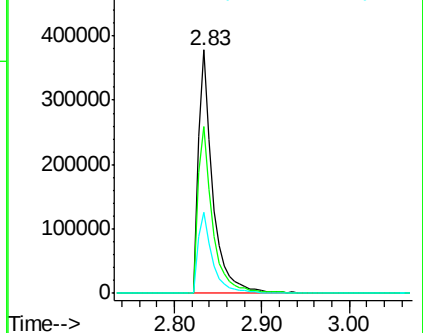
51 33.0 27.0 40.4



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: 36.76 ng

RT: 2.79 min Scan# 154

Delta R.T. 0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

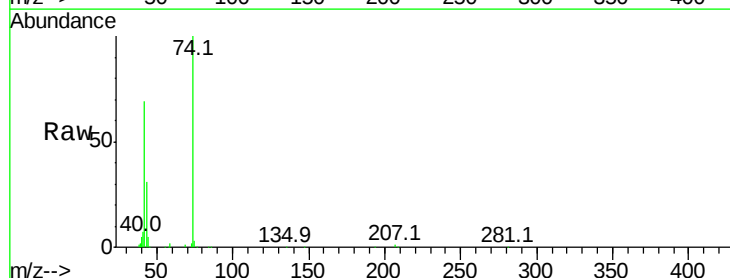
Tgt Ion: 42 Resp: 191848

Ion Ratio Lower Upper

42 100

74 144.5 103.9 155.9

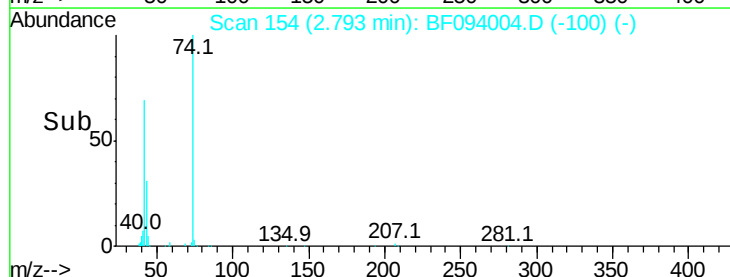
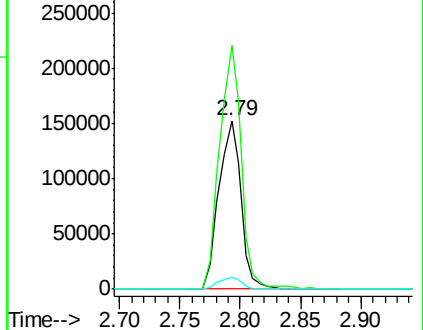
44 7.4 5.7 8.5

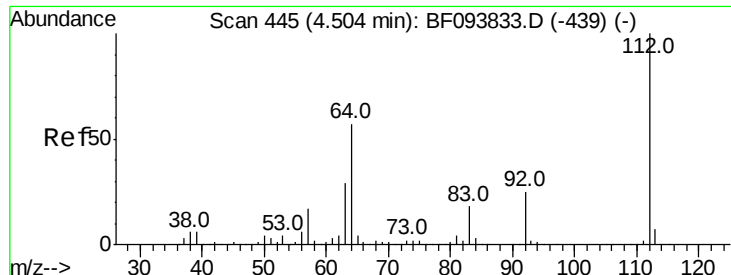


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.81 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampled :

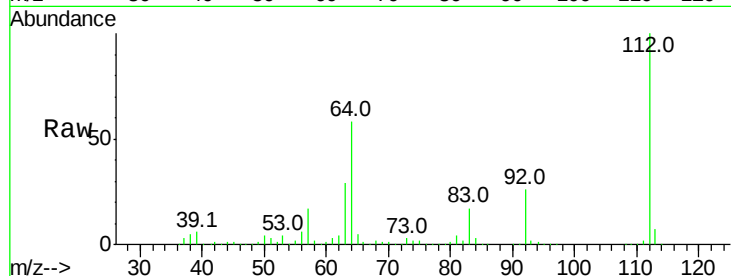
Tot Ion:112 Resp: 792398

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

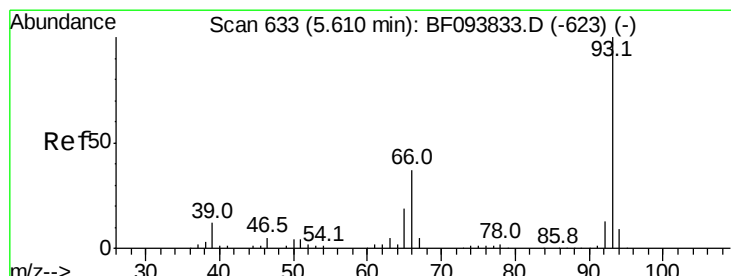
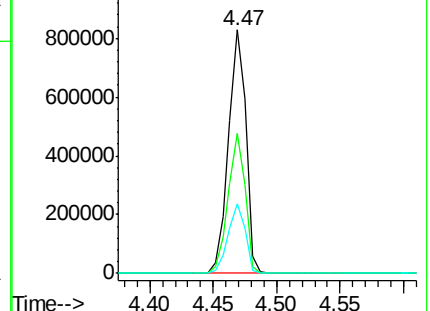
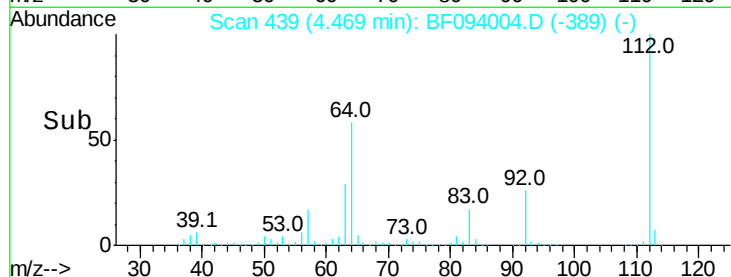
63 28.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.92 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

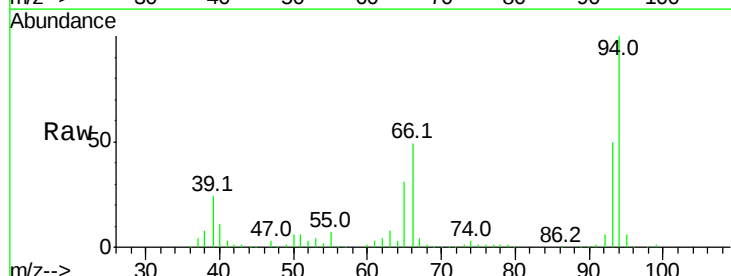
Tgt Ion: 93 Resp: 282102

Ion Ratio Lower Upper

93 100

66 96.8 32.9 49.3#

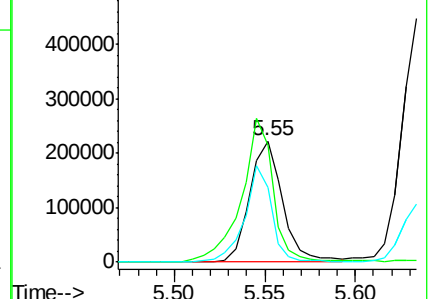
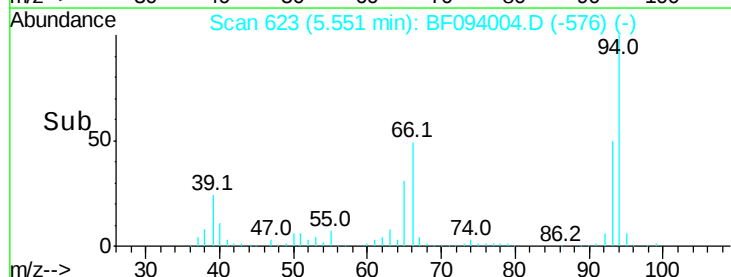
65 61.8 16.0 24.0#

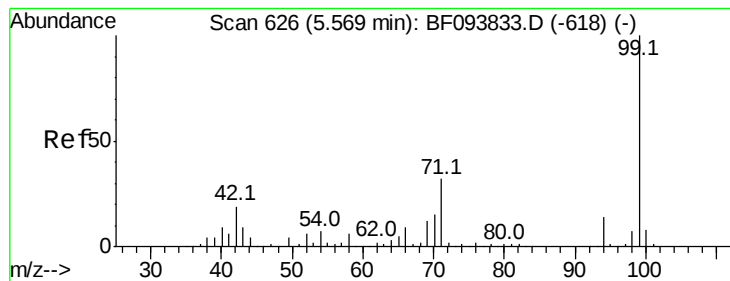


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.21 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampled :

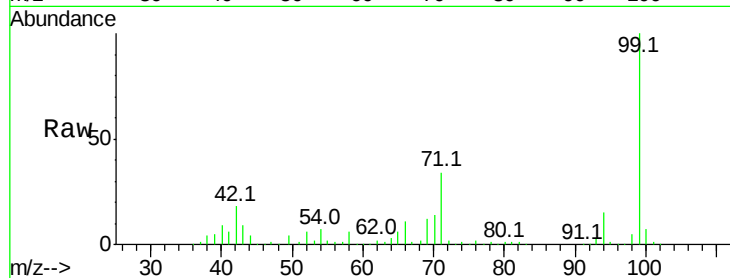
Tot Ion: 99 Resp: 985109

Ion Ratio Lower Upper

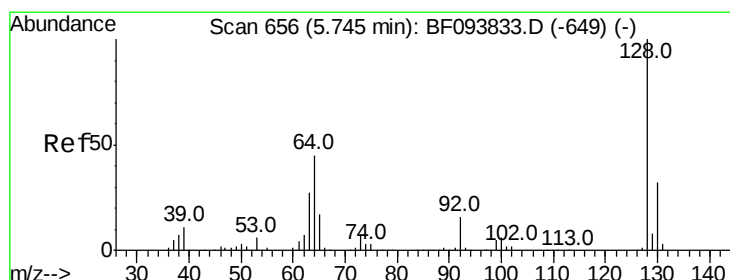
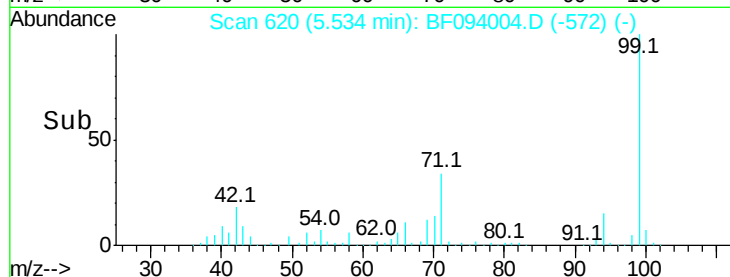
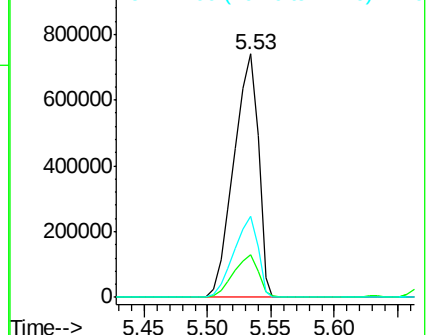
99 100

42 17.5 13.5 20.3

71 33.5 24.5 36.7



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



#8

2-Chlorophenol

Concen: 40.90 ng

RT: 5.69 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

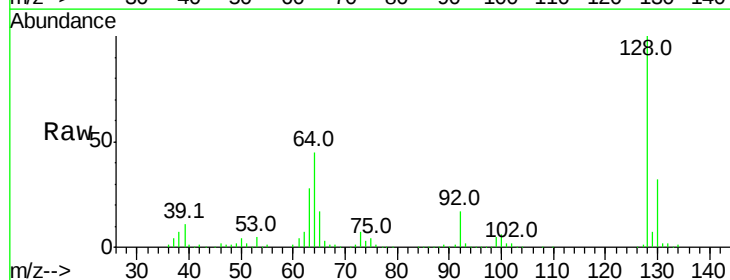
Tgt Ion: 128 Resp: 435452

Ion Ratio Lower Upper

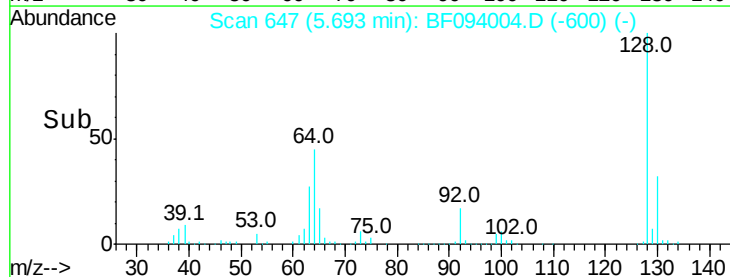
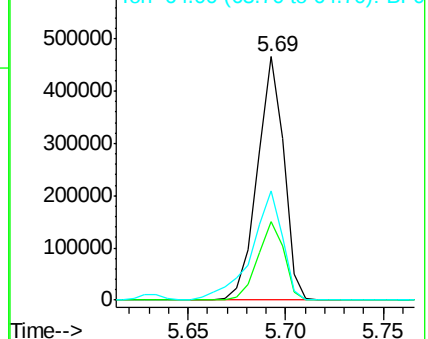
128 100

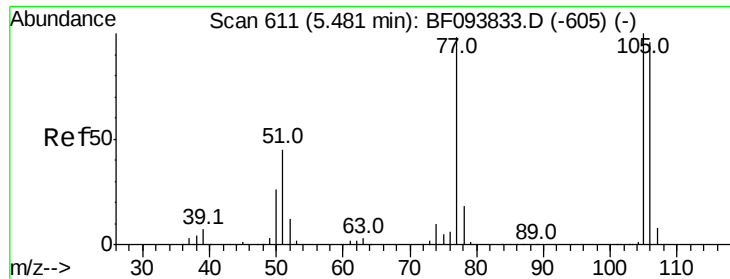
130 32.4 12.9 52.9

64 44.9 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

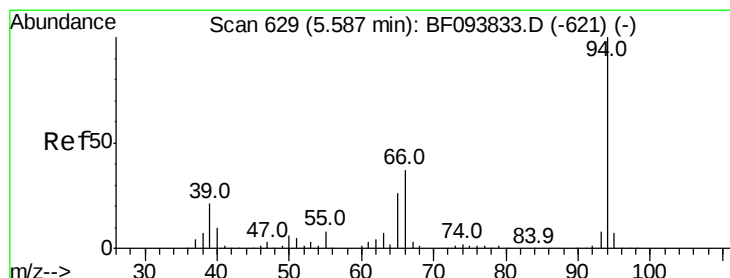
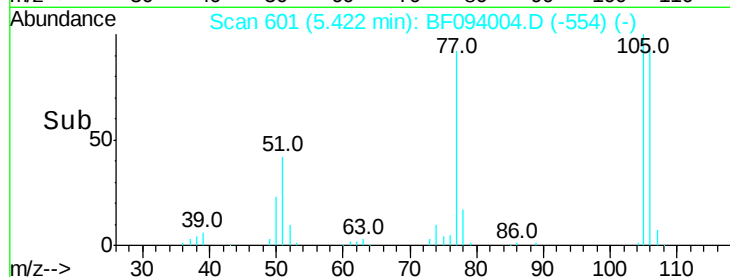
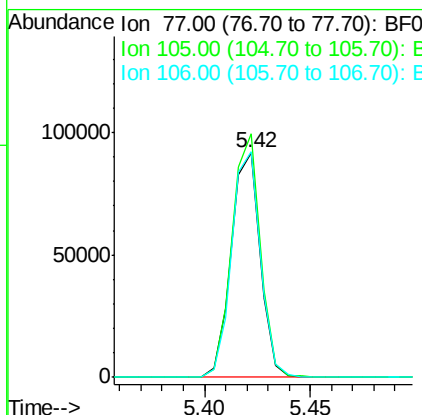
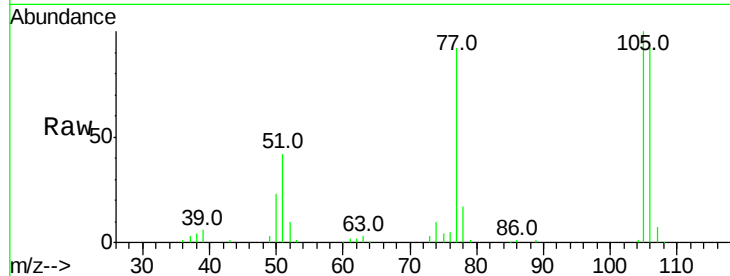




#9
Benzaldehyde
Concen: 10.67 ng
RT: 5.42 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

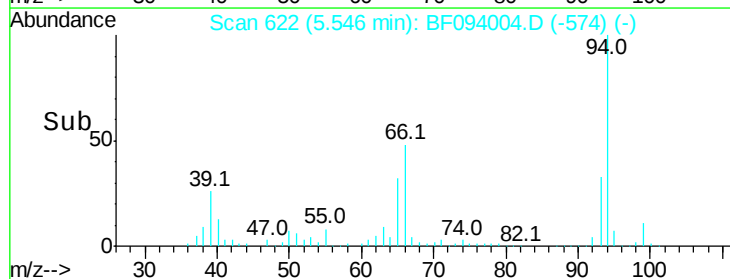
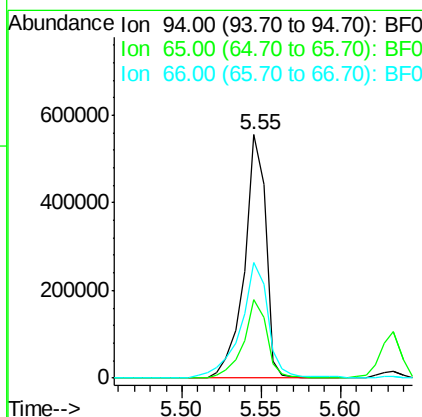
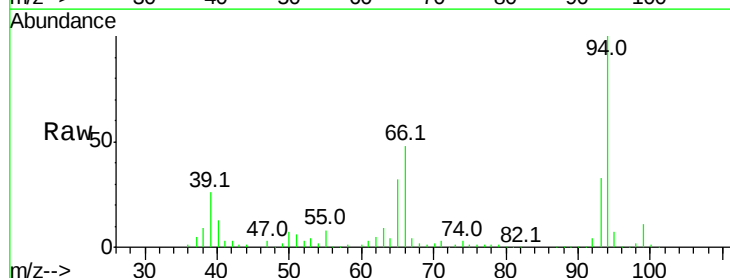
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 86306
Ion Ratio Lower Upper
77 100
105 108.2 83.8 123.8
106 100.1 79.1 119.1



#10
Phenol
Concen: 37.81 ng
RT: 5.55 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion: 94 Resp: 515538
Ion Ratio Lower Upper
94 100
65 32.1 9.9 49.9
66 47.7 23.1 63.1

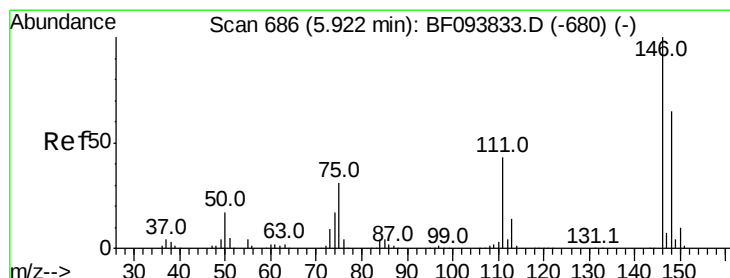
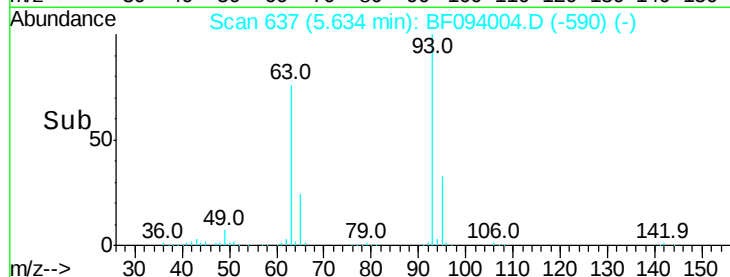
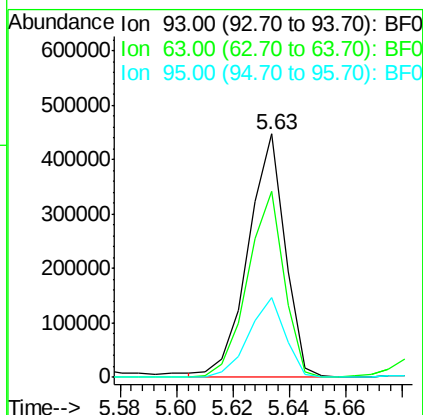
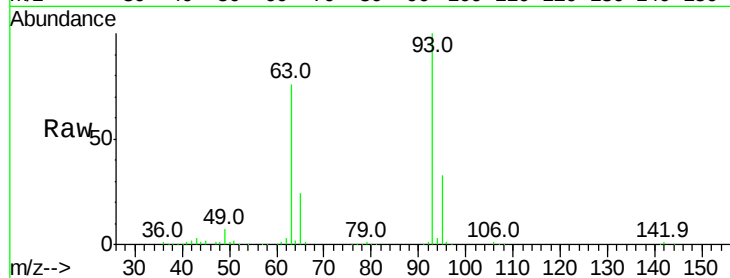




#11
bis(2-Chloroethyl)ether
Concen: 37.77 ng
RT: 5.63 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

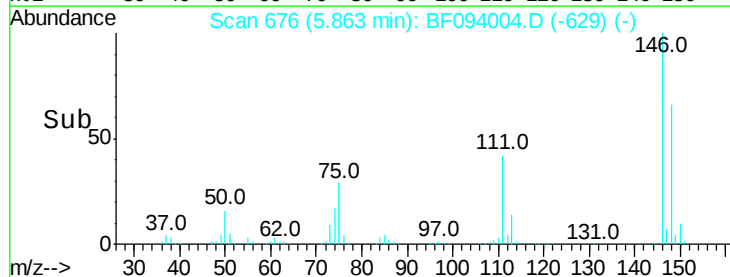
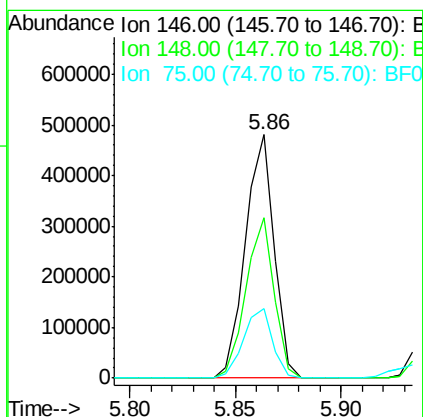
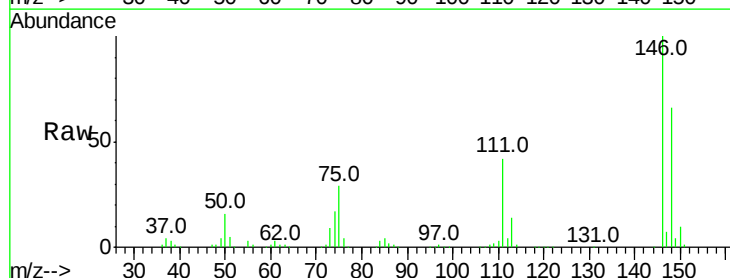
Instrument :
BNA_F
ClientSampleId :

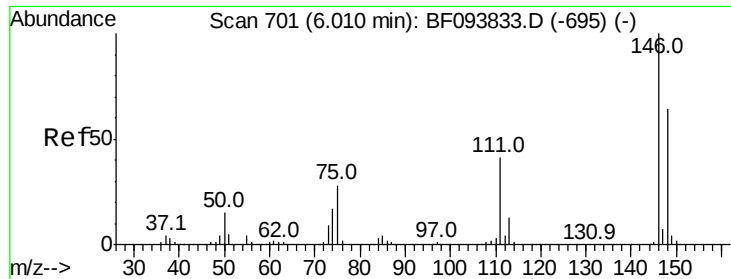
Tot Ion: 93 Resp: 402472
Ion Ratio Lower Upper
93 100
63 76.3 59.2 99.2
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.94 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion: 146 Resp: 453116
Ion Ratio Lower Upper
146 100
148 65.7 51.8 77.6
75 28.6 23.1 34.7

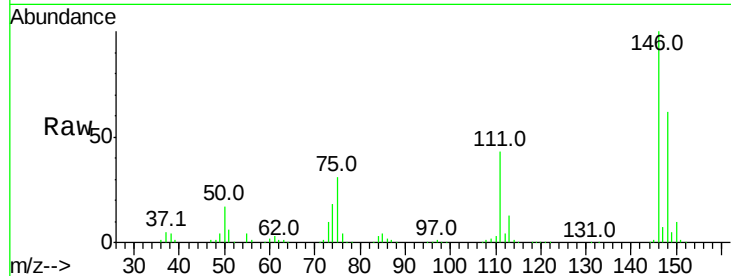




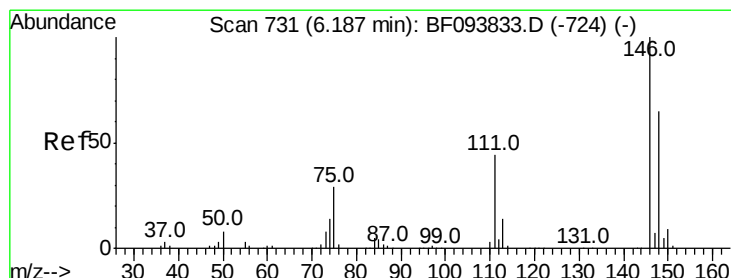
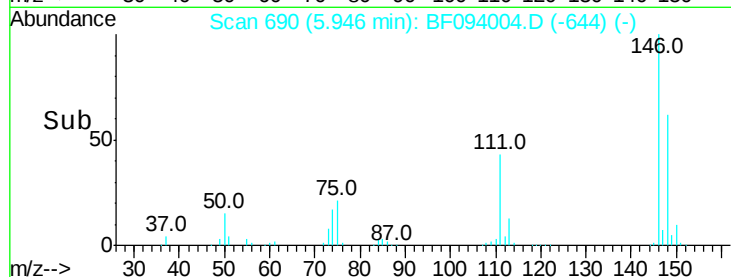
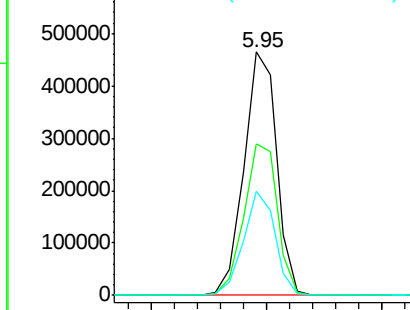
#13
 1,4-Dichlorobenzene
 Concen: 37.97 ng
 RT: 5.95 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 459301
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 42.5 30.3 45.5

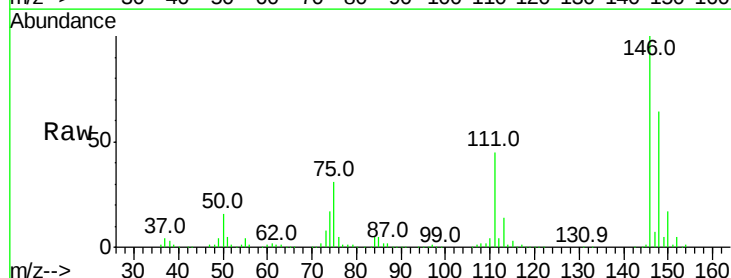


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

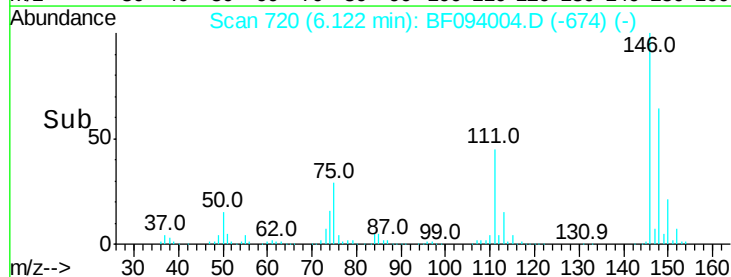
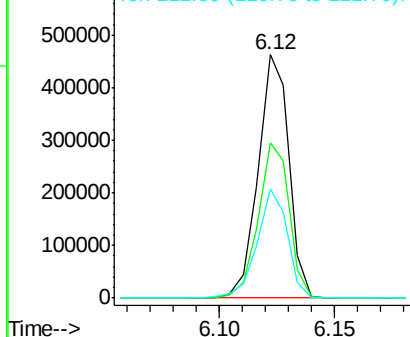


#14
 1,2-Dichlorobenzene
 Concen: 38.56 ng
 RT: 6.12 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion:146 Resp: 429517
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 44.8 38.2 57.4



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

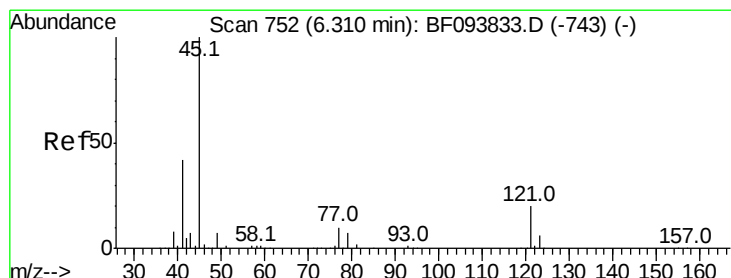
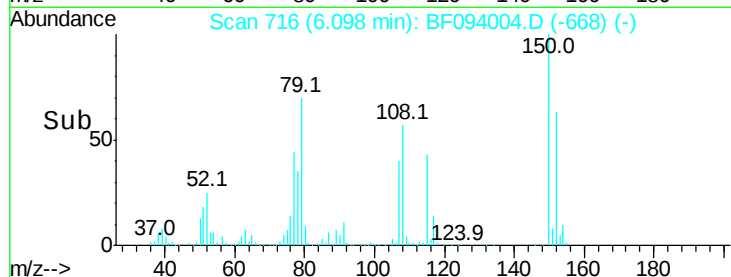
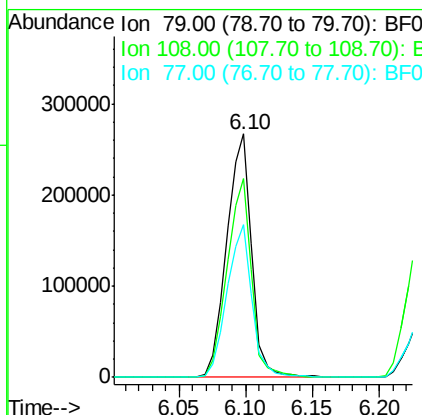
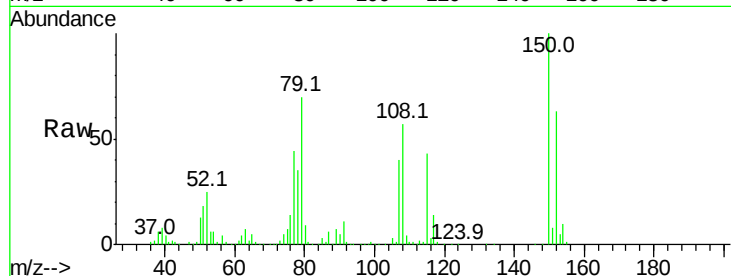




#15
Benzyl Alcohol
Concen: 39.97 ng
RT: 6.10 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

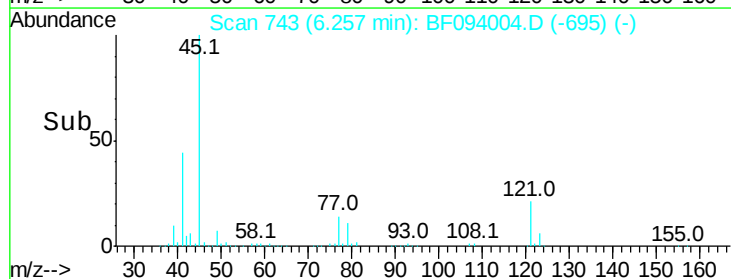
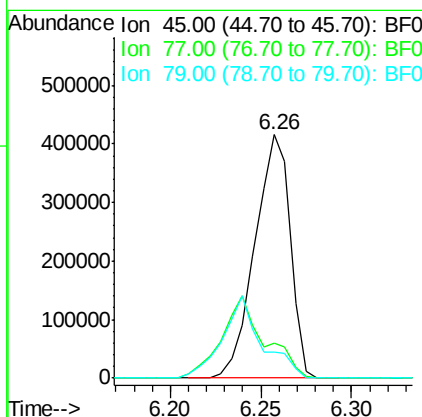
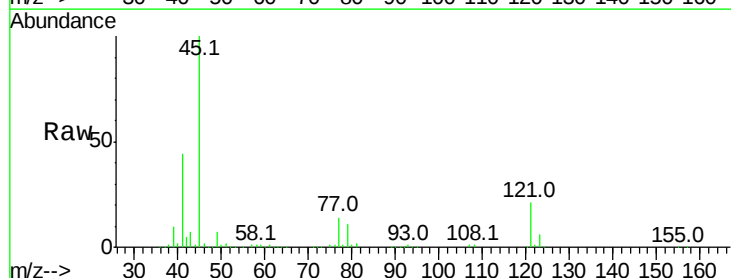
Instrument :
BNA_F
ClientSampleId :

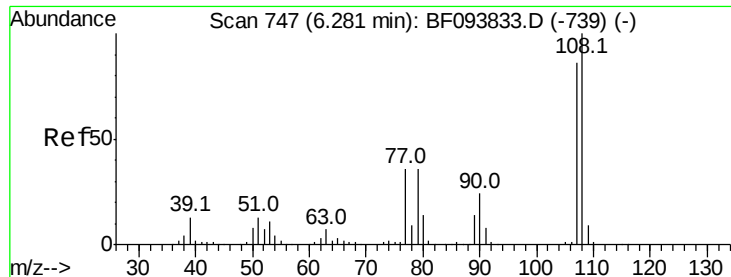
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.9	63.4	95.0
77	62.6	49.2	73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.18 ng
RT: 6.26 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.2
79	10.9	0.0	30.0

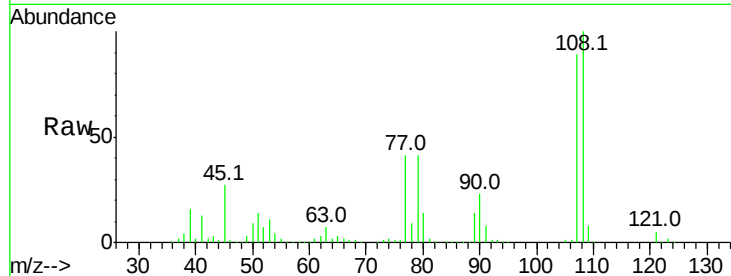




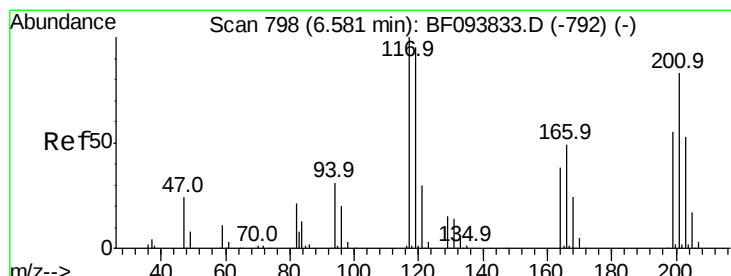
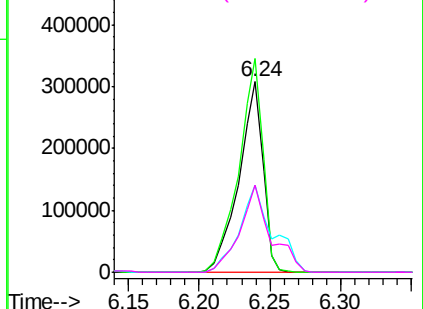
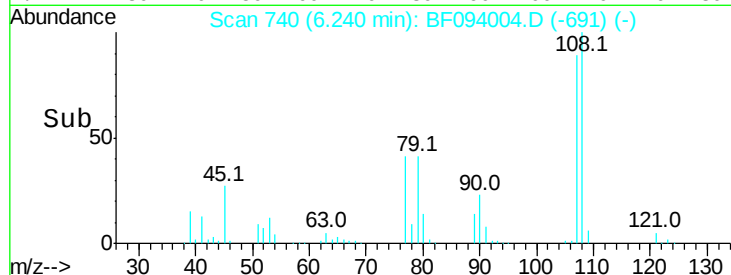
#17
2-Methylphenol
Concen: 40.04 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	365060
Ion	Ratio	Lower	Upper
107	100		
108	112.3	93.4	140.0
77	45.5	35.8	53.6
79	46.1	34.8	52.2

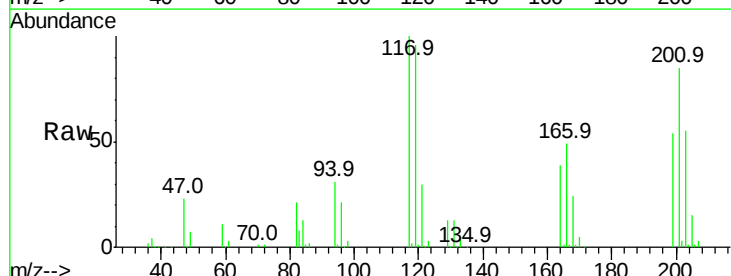


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

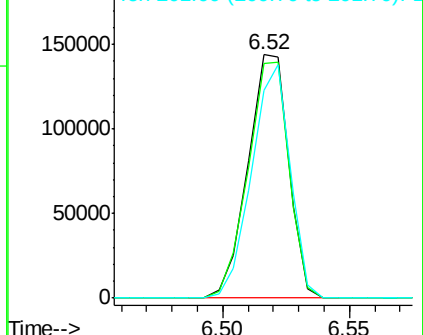
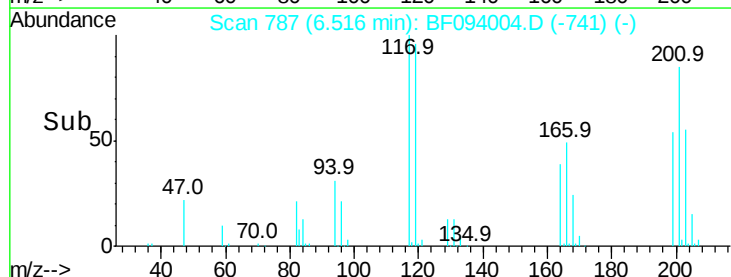


#18
Hexachloroethane
Concen: 37.95 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion:	117	Resp:	161350
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	85.1	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

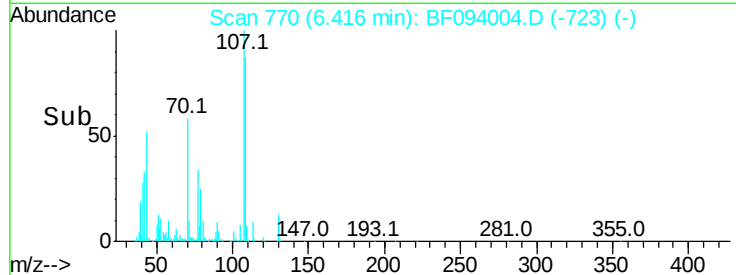
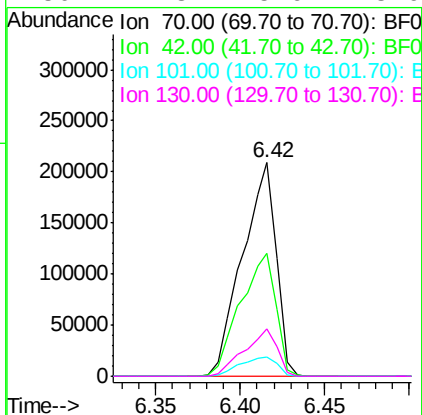
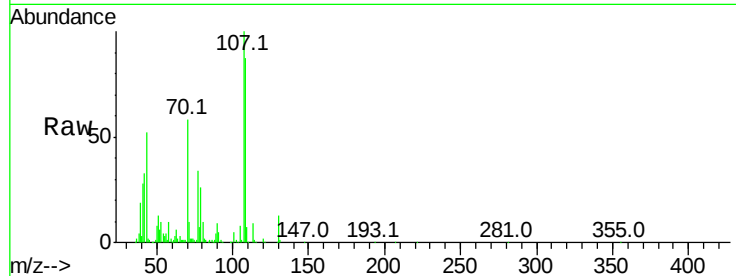




#19
n-Nitroso-di-n-propylamine
Concen: 37.90 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

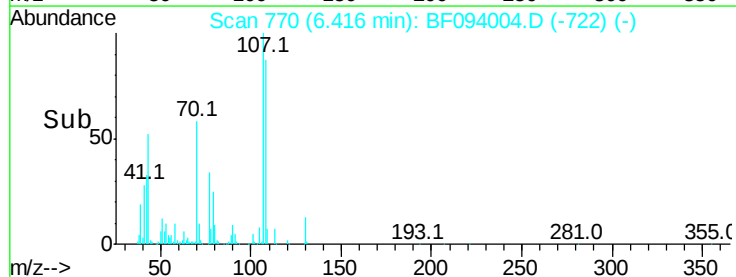
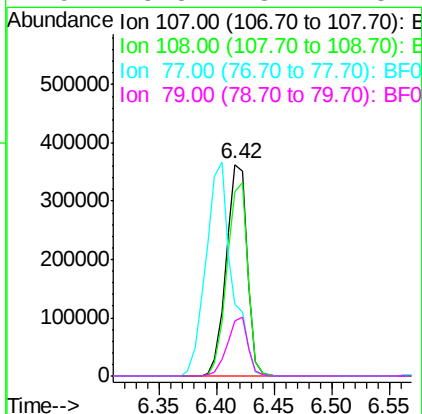
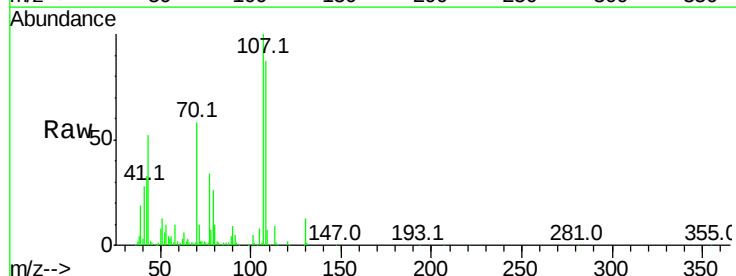
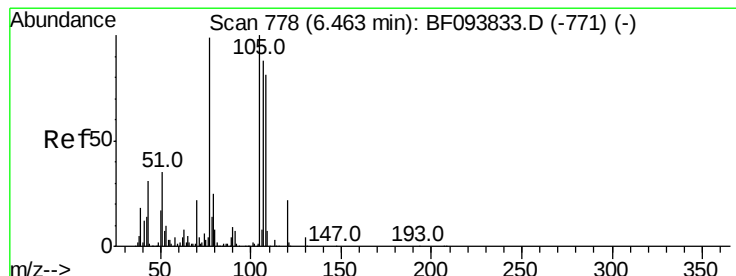
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 291888
Ion Ratio Lower Upper
70 100
42 57.6 47.2 70.8
101 9.2 7.2 10.8
130 22.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.24 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion: 107 Resp: 455370
Ion Ratio Lower Upper
107 100
108 87.2 71.0 111.0
77 34.0 90.5 130.5#
79 25.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 668972

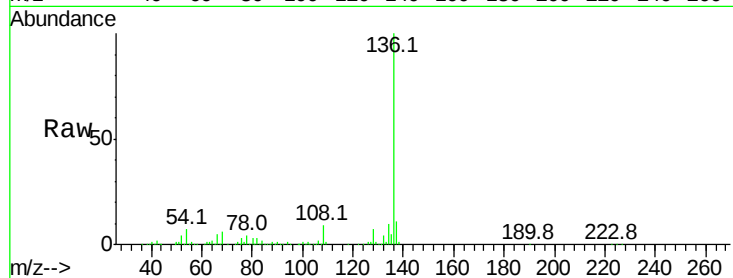
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.3 4.9 7.3

68 5.9 4.1 6.1

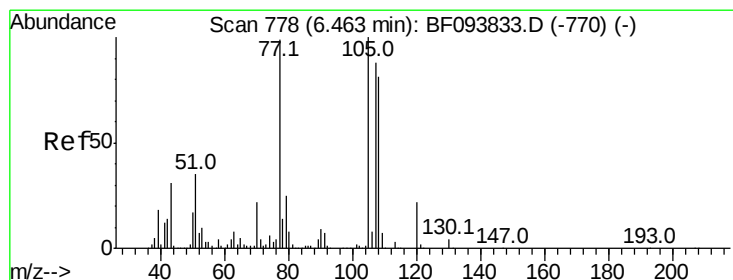
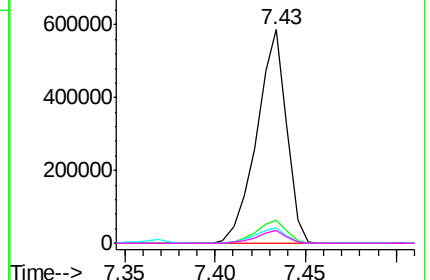
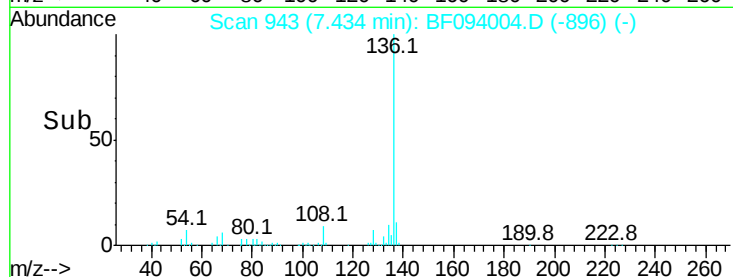


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.39 ng

RT: 6.40 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion:105 Resp: 602140

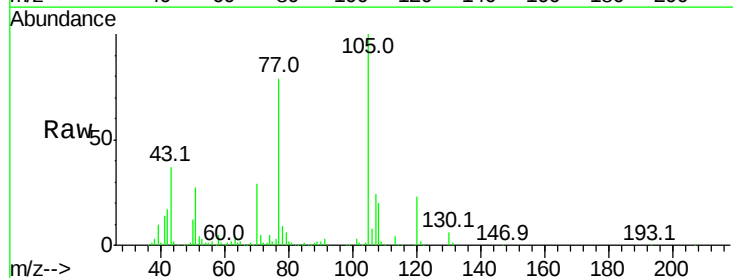
Ion Ratio Lower Upper

105 100

71 5.0 2.8 4.2#

51 27.0 30.7 46.1#

120 22.9 17.4 26.0

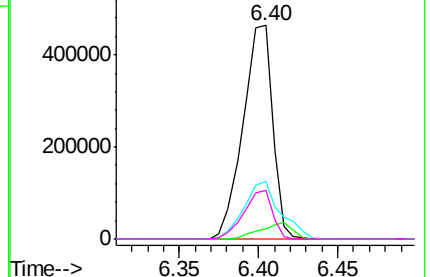
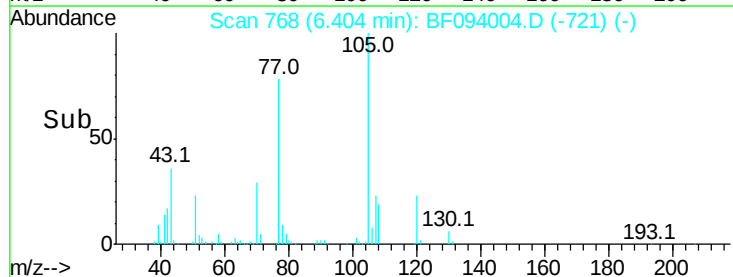


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

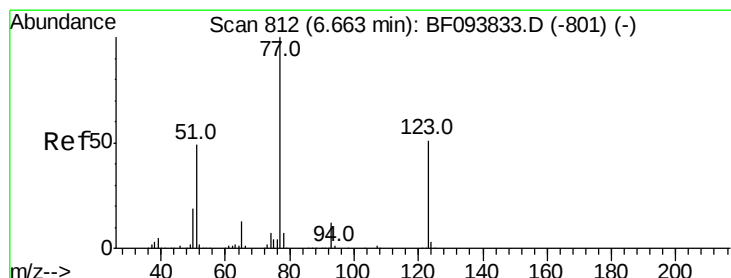
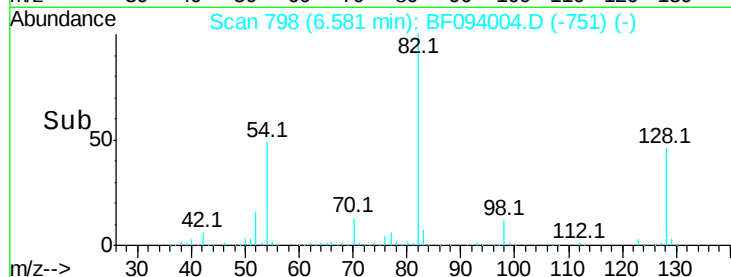
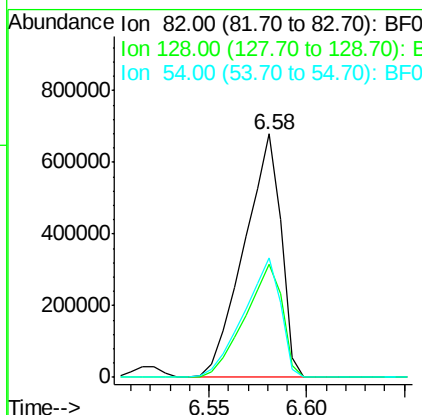
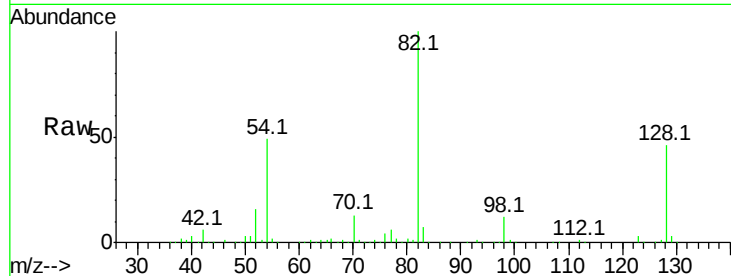




#23
 Nitrobenzene-d5
 Concen: 75.88 ng
 RT: 6.58 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

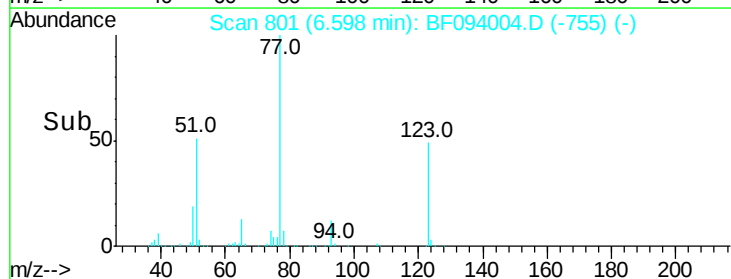
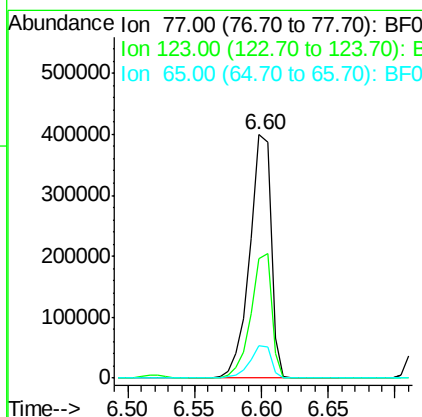
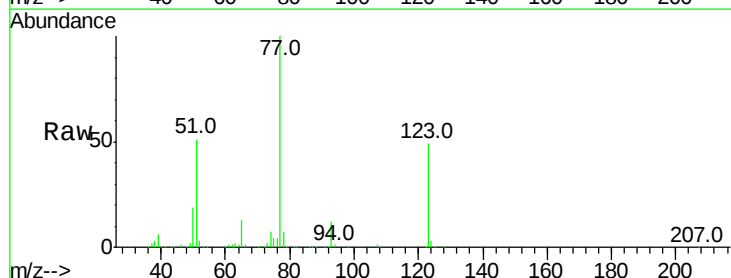
Instrument :
 BNA_F
 ClientSampled :

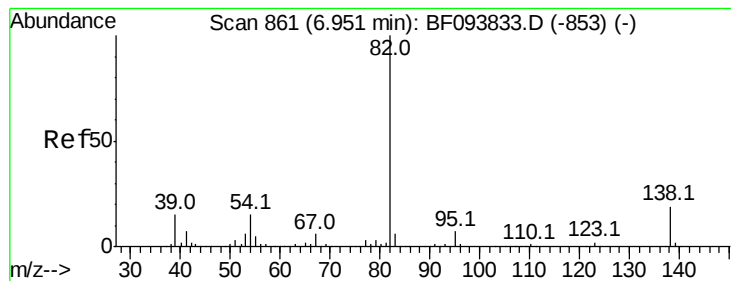
Tot Ion: 82 Resp: 889456
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 49.0 42.2 63.2



#24
 Nitrobenzene
 Concen: 37.81 ng
 RT: 6.60 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion: 77 Resp: 437146
 Ion Ratio Lower Upper
 77 100
 123 49.0 35.8 53.8
 65 13.5 10.6 15.8





#25

Isophorone

Concen: 39.00 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleId :

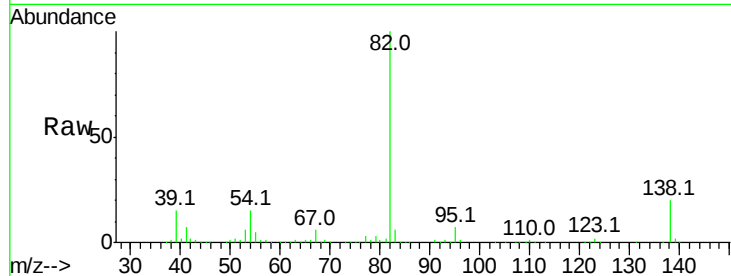
Tot Ion: 82 Resp: 803258

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

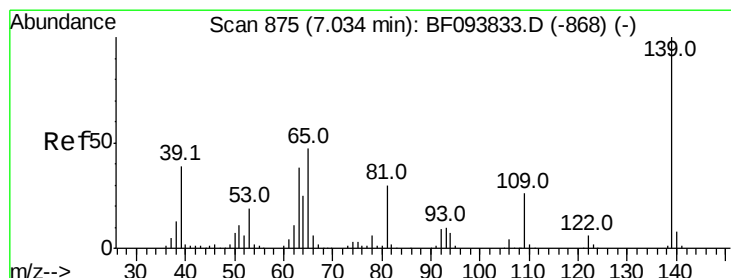
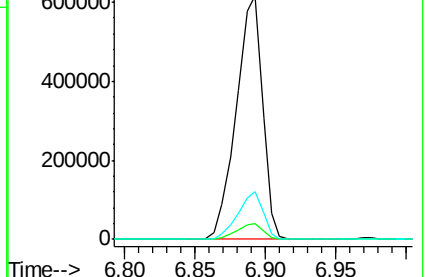
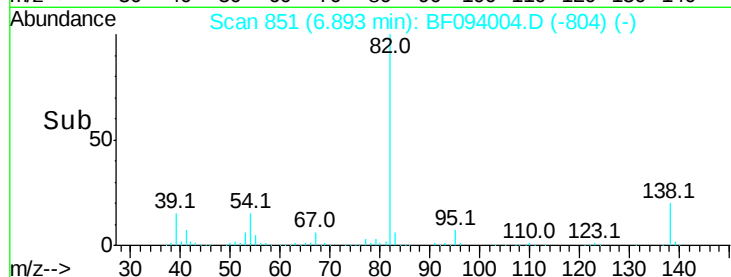
138 19.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.35 ng

RT: 6.97 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

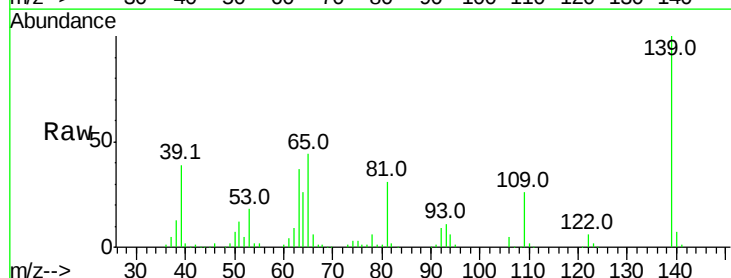
Tgt Ion: 139 Resp: 244521

Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

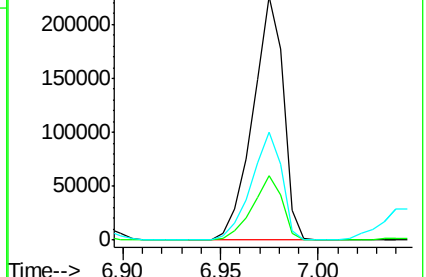
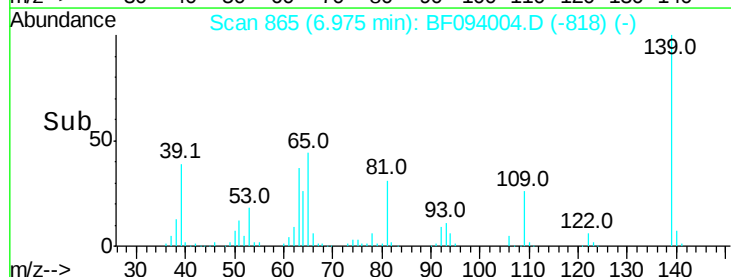
65 44.4 33.0 49.6

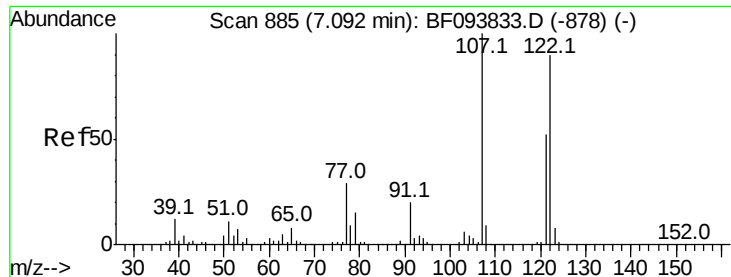


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

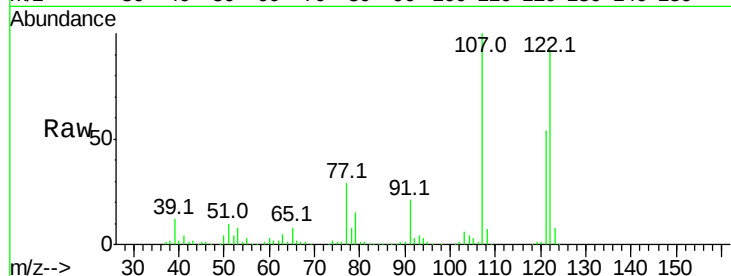




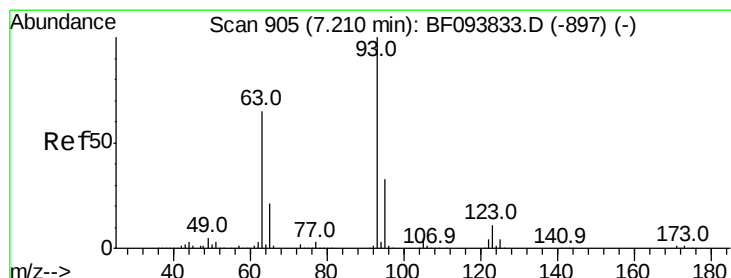
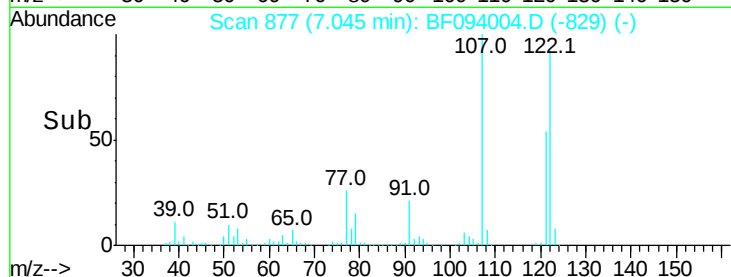
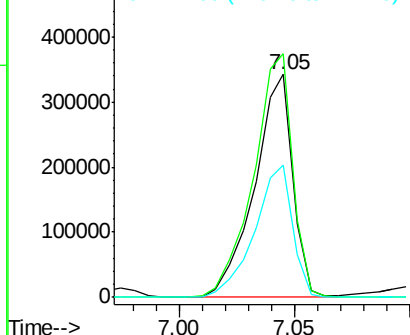
#27
 2,4-Dimethylphenol
 Concen: 41.69 ng
 RT: 7.05 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 396035
 Ion Ratio Lower Upper
 122 100
 107 109.1 89.2 133.8
 121 59.0 45.2 67.8

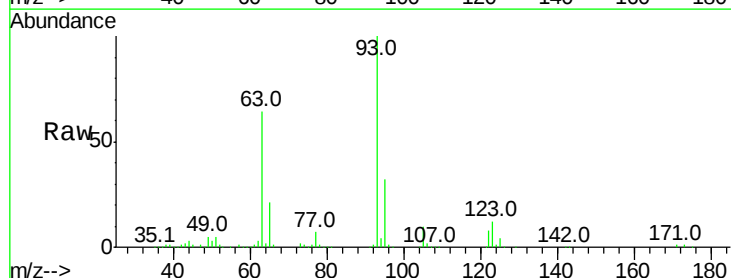


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

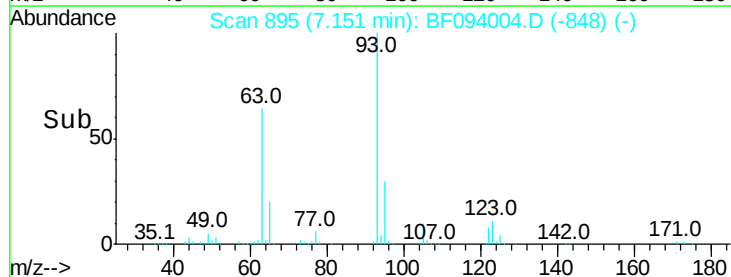
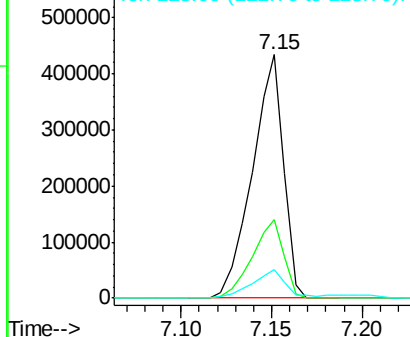


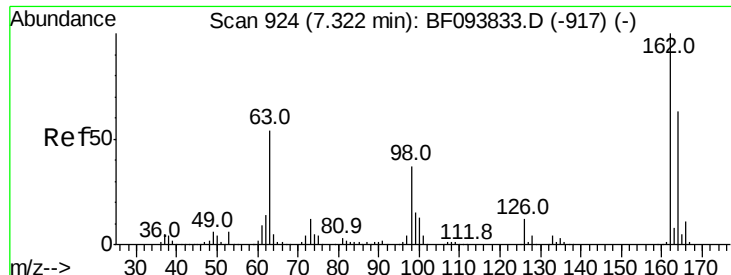
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.04 ng
 RT: 7.15 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion: 93 Resp: 516690
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 11.6 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

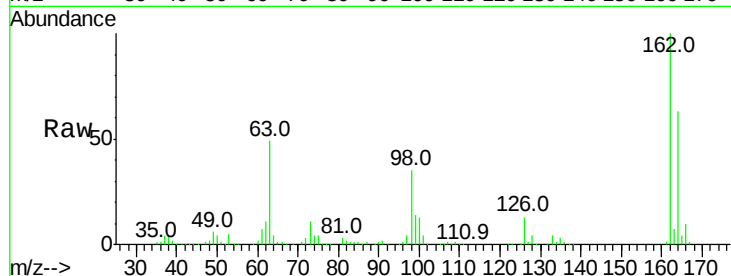




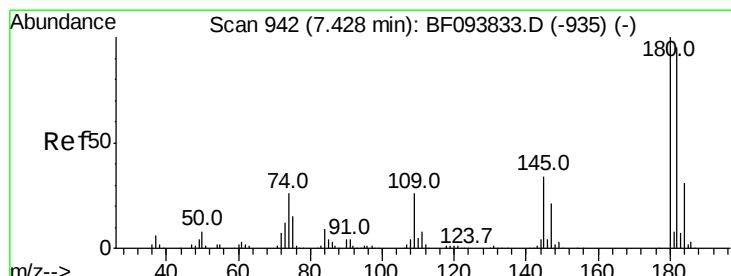
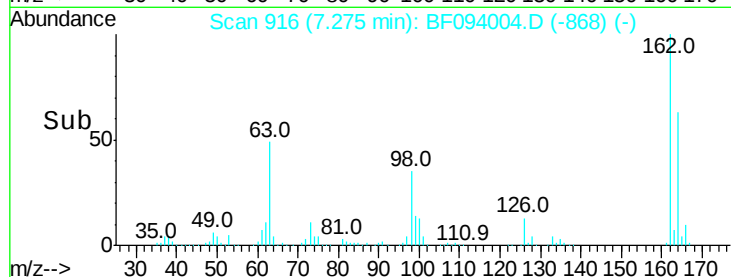
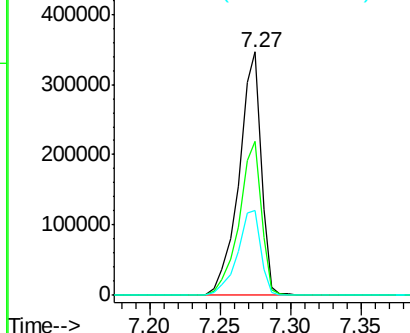
#29
 2,4-Dichlorophenol
 Concen: 42.72 ng
 RT: 7.27 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	35.0	14.8	54.8

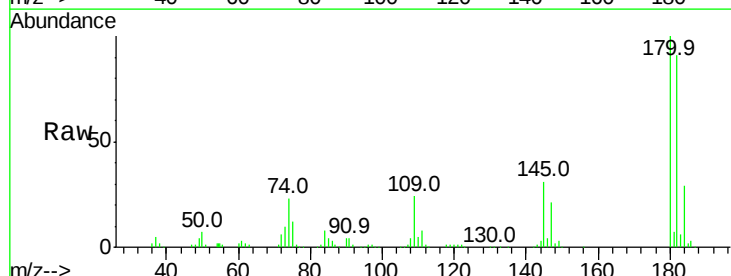


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

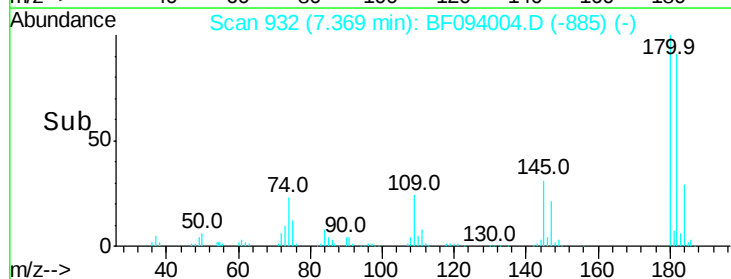
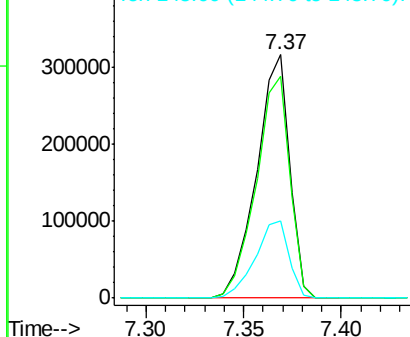


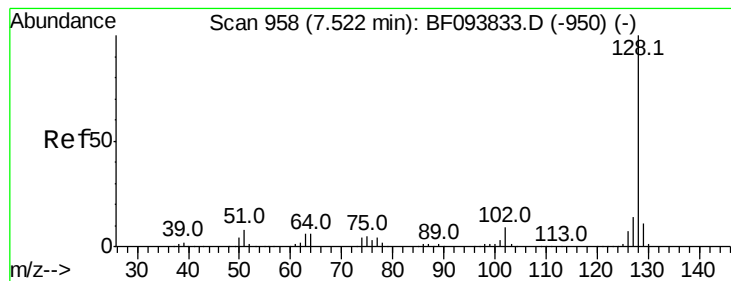
#30
 1,2,4-Trichlorobenzene
 Concen: 40.31 ng
 RT: 7.37 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	75.8	113.6
145	31.5	25.3	37.9



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





#31

Naphthalene

Concen: 38.48 ng

RT: 7.46 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampled :

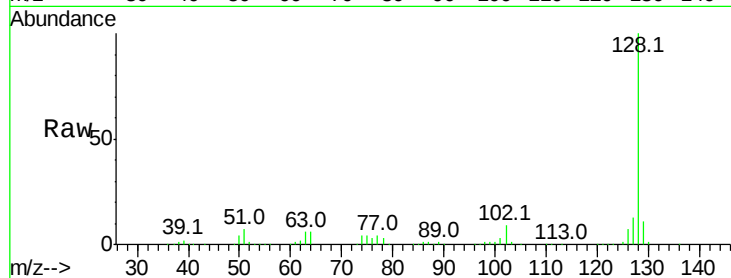
Tot Ion:128 Resp: 1237856

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

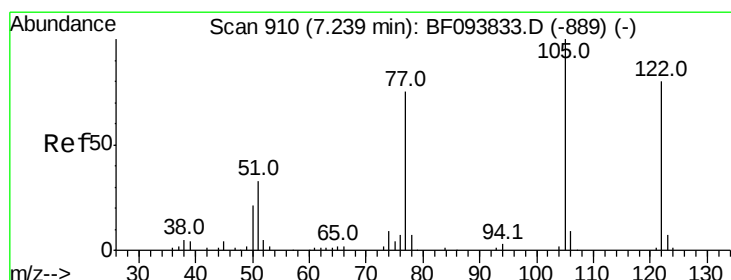
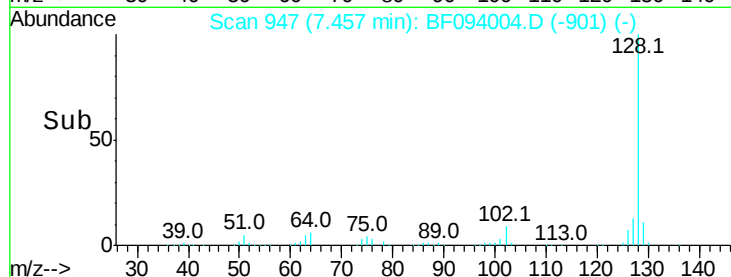
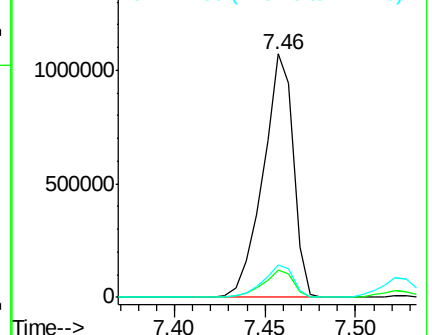
127 13.3 10.8 16.2



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: 45.20 ng

RT: 7.20 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

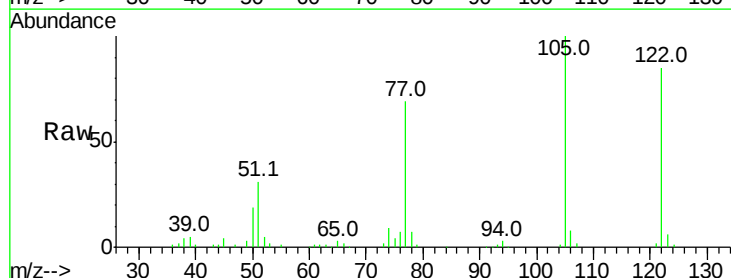
Tgt Ion:122 Resp: 285845

Ion Ratio Lower Upper

122 100

105 117.3 103.3 143.3

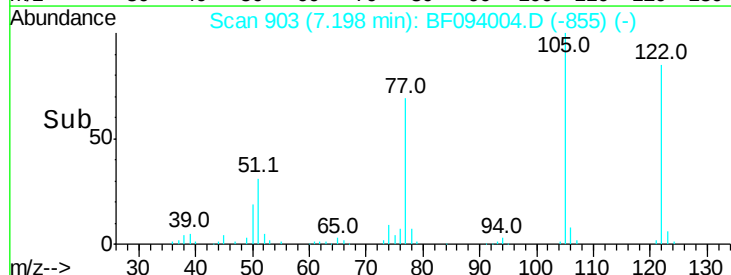
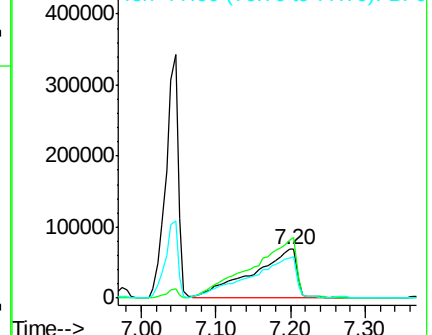
77 80.9 73.7 113.7



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

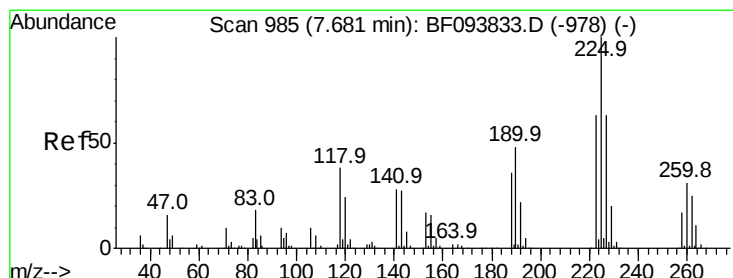
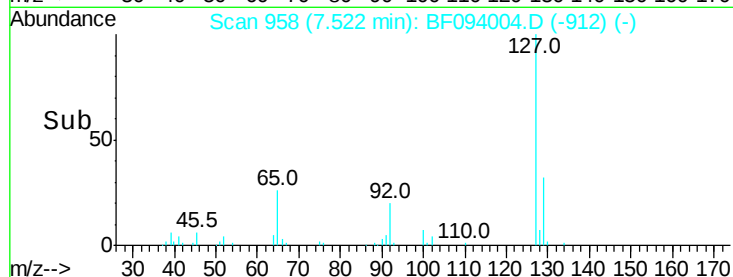
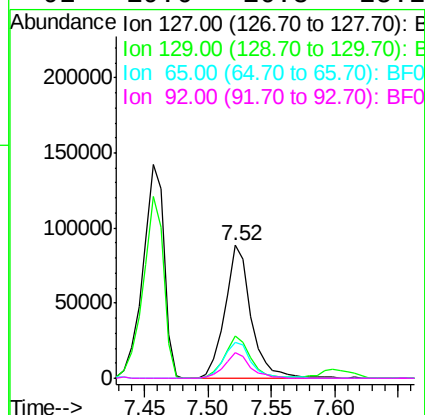
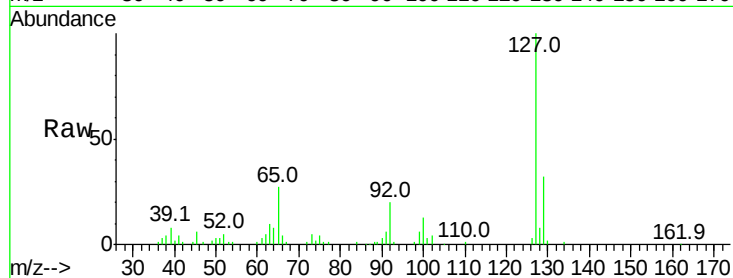




#33
4-Chloroaniline
Concen: 9.72 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

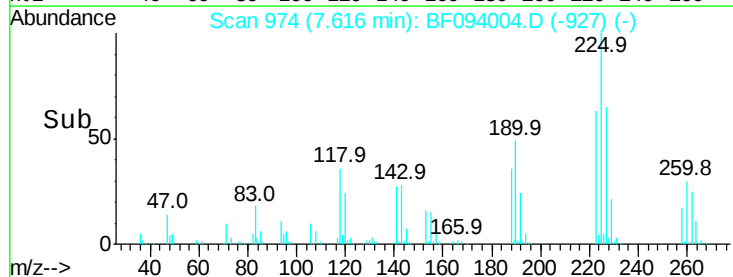
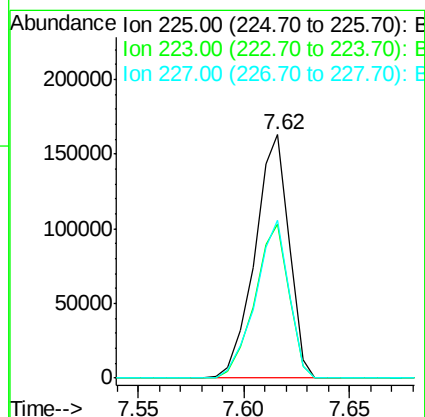
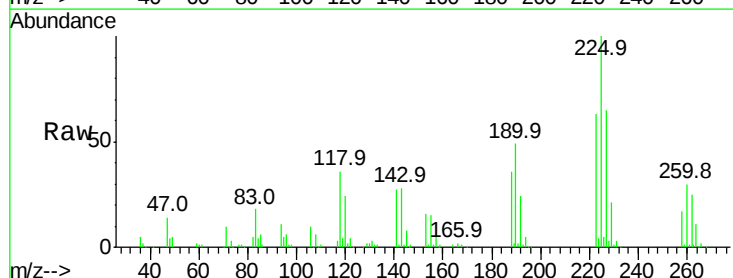
Instrument :
BNA_F
ClientSampleId :

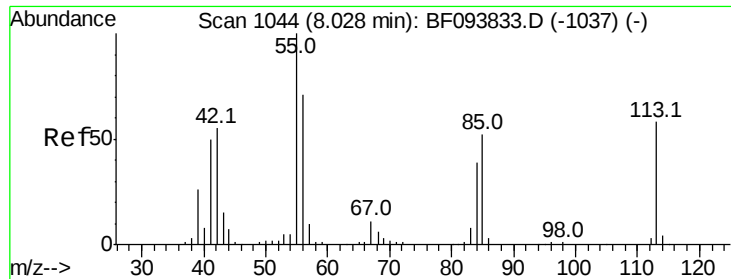
Tot Ion:	127	Resp:	126727
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	26.9	27.8	41.8#
92	19.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.03 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion:	225	Resp:	183106
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	64.9	51.1	76.7

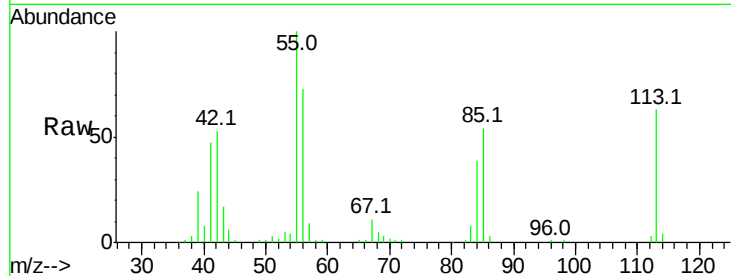




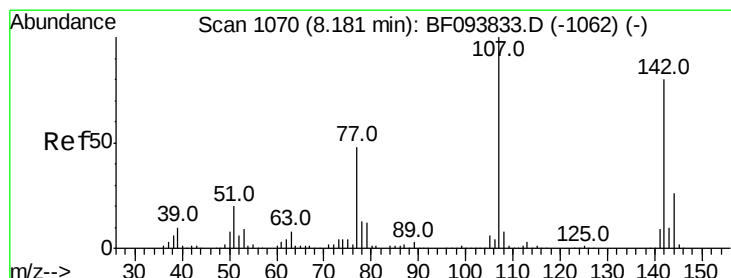
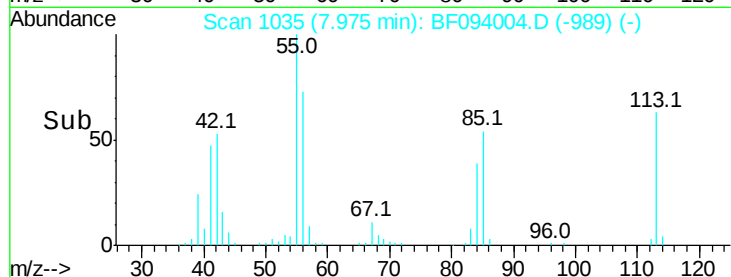
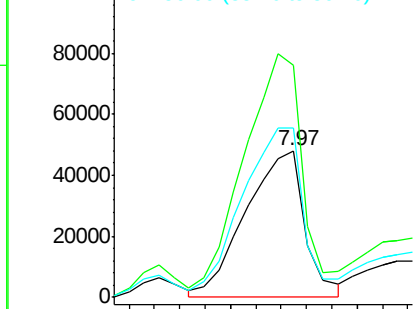
#35
 Caprolactam
 Concen: 27.59 ng
 RT: 7.97 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 78140
 Ion Ratio Lower Upper
 113 100
 55 158.2 150.2 190.2
 56 115.9 107.8 147.8

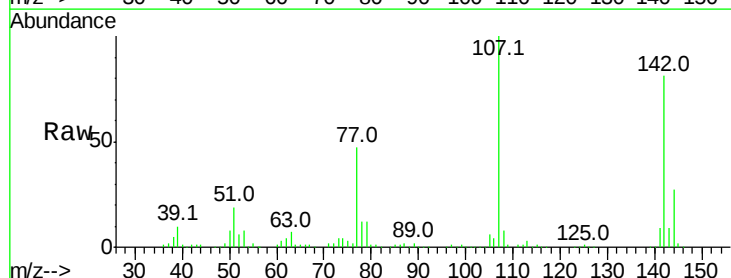


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

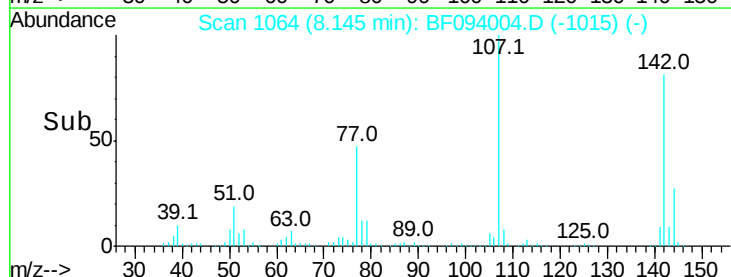
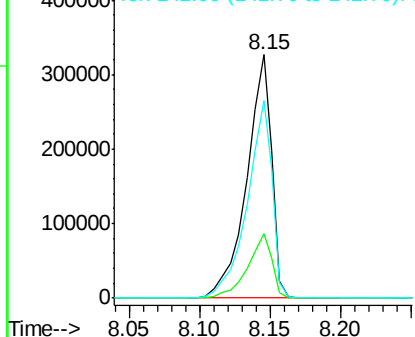


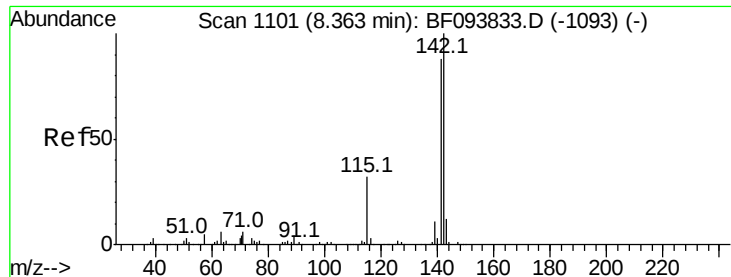
#36
 4-Chloro-3-methylphenol
 Concen: 43.50 ng
 RT: 8.15 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion:107 Resp: 403771
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 81.3 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: 40.58 ng

RT: 8.30 min Scan# 1091

Delta R.T. -0.02 min

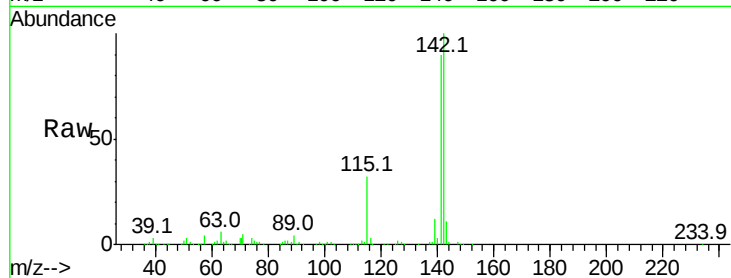
Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 870118

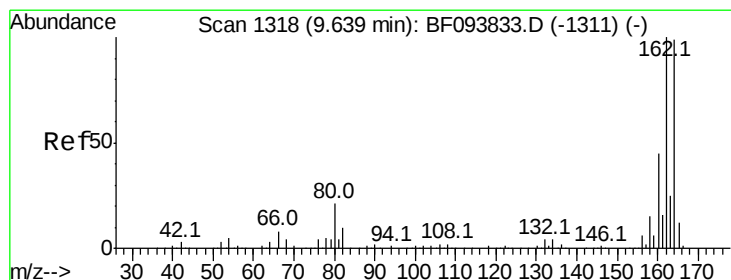
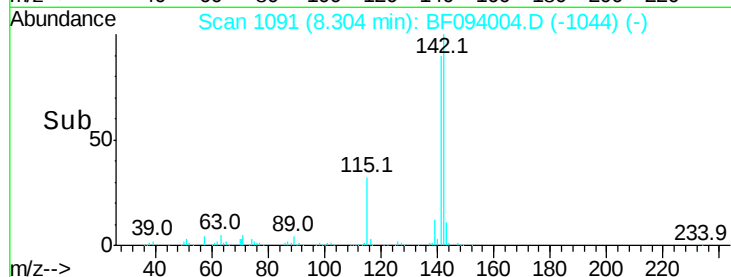
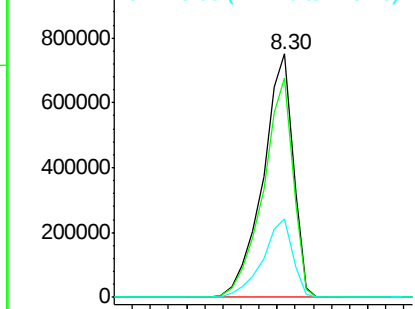
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	32.3	27.1	40.7



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: 9.57 min Scan# 1307

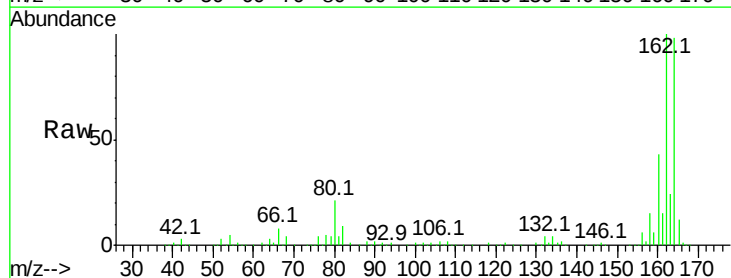
Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion:164 Resp: 317422

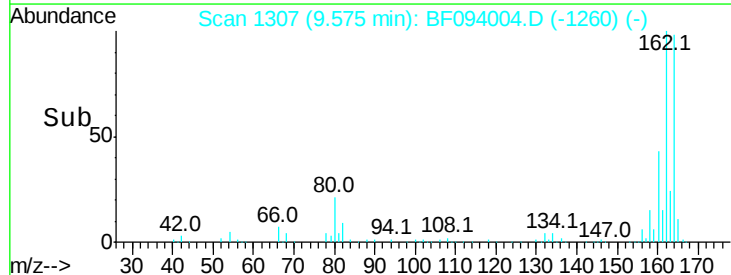
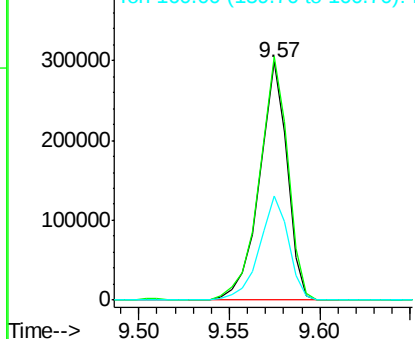
Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	43.8	36.2	54.2

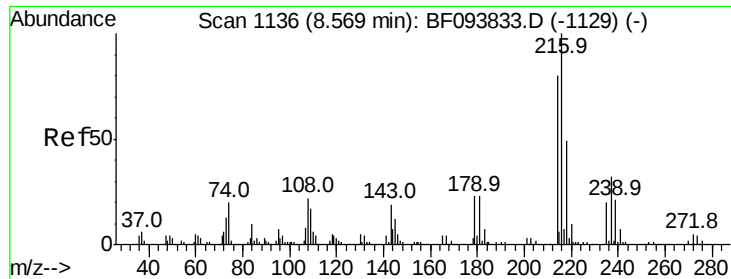


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

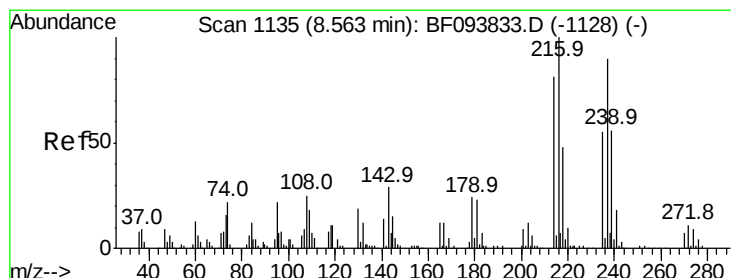
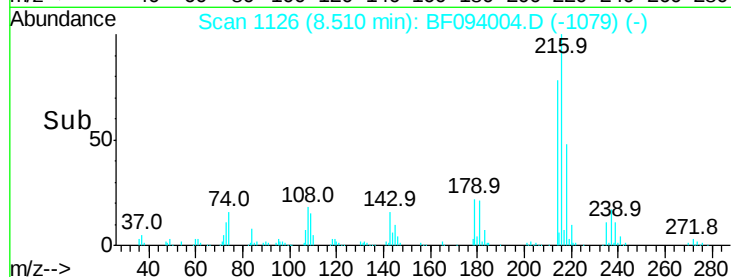
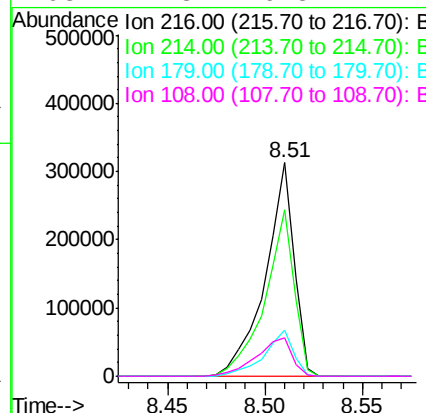
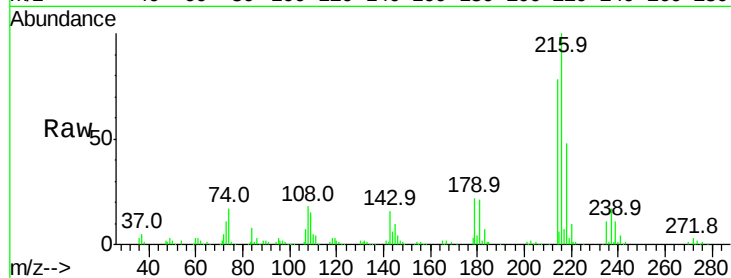




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.89 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

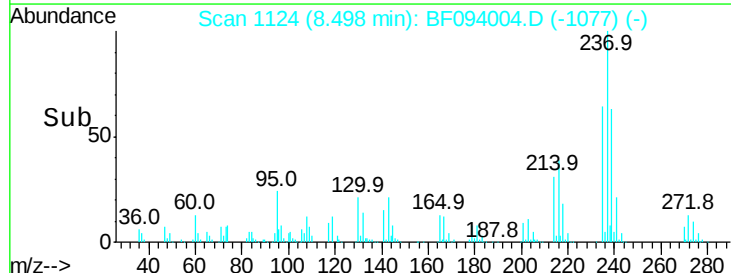
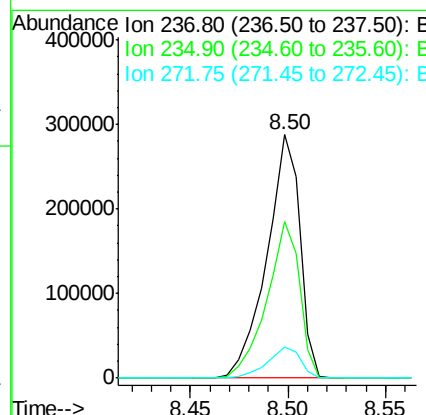
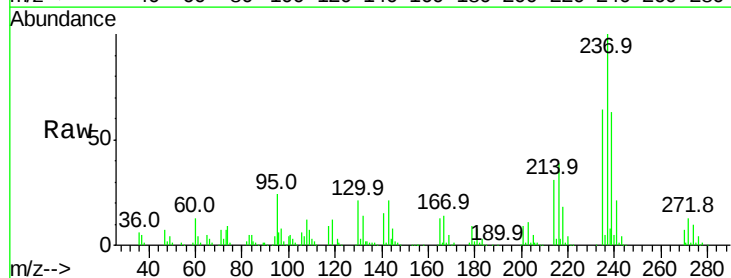
Instrument :
 BNA_F
 ClientSampled :

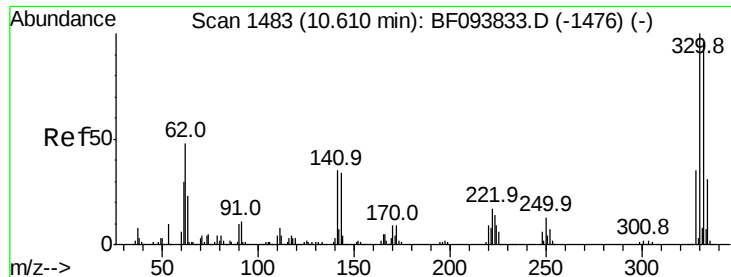
Tot Ion:	216	Resp:	320323
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	21.9	17.9	26.9
108	22.3	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 83.12 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion:	237	Resp:	337764
Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.6	82.6
272	12.8	0.0	31.9

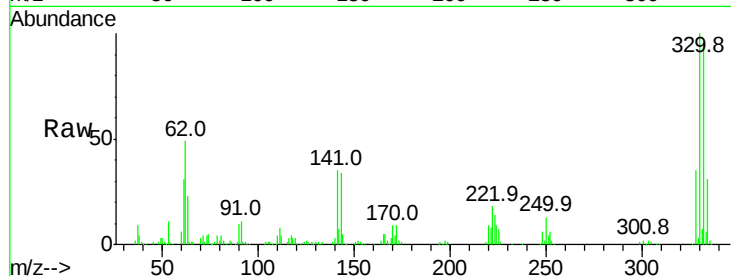




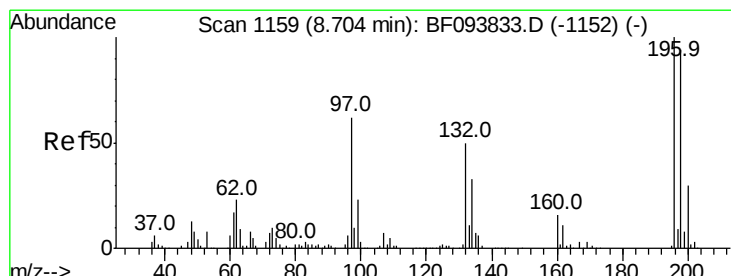
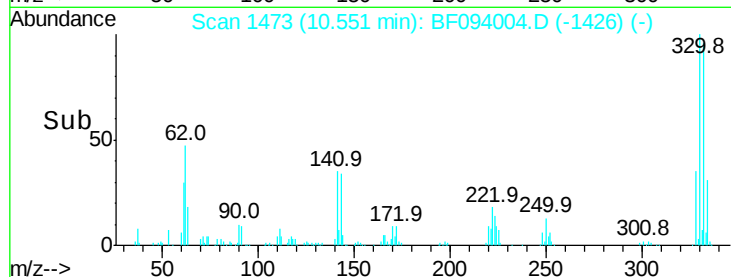
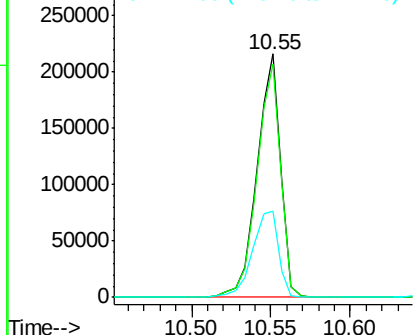
#41
 2,4,6-Tribromophenol
 Concen: 88.91 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	39.4	31.4	47.2

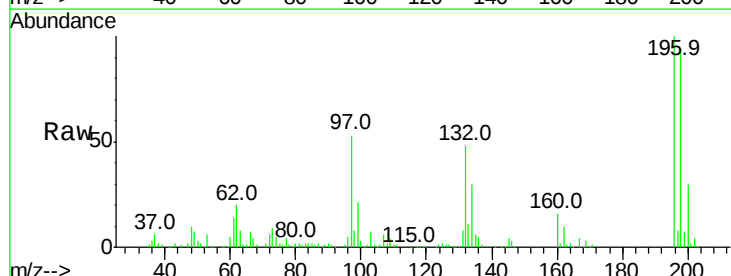


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

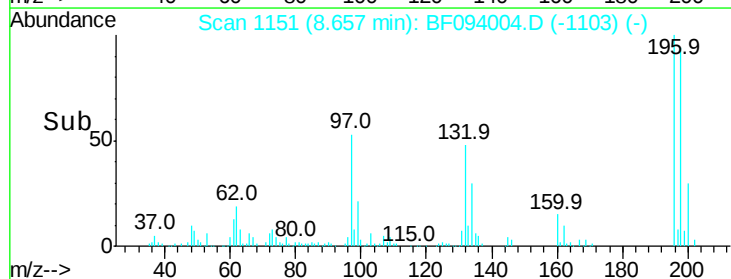
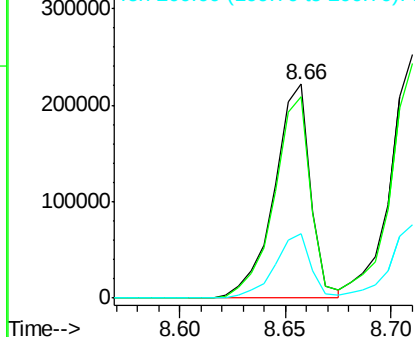


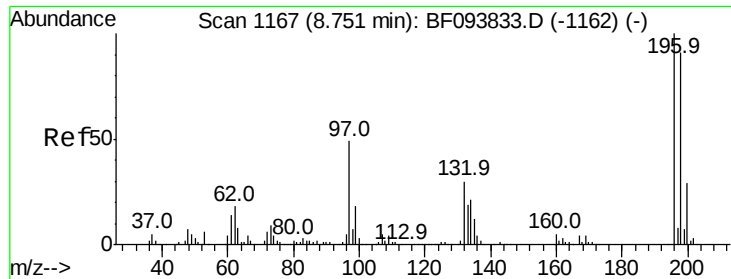
#42
 2,4,6-Trichlorophenol
 Concen: 43.21 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.2	111.4
200	30.2	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

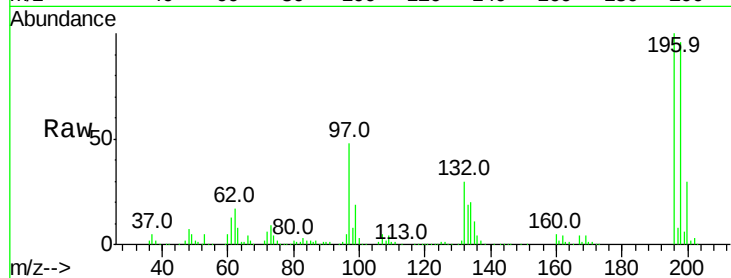




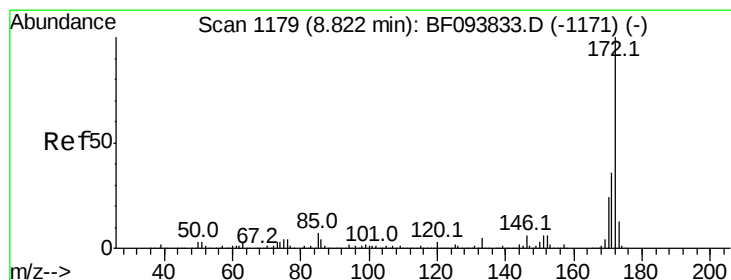
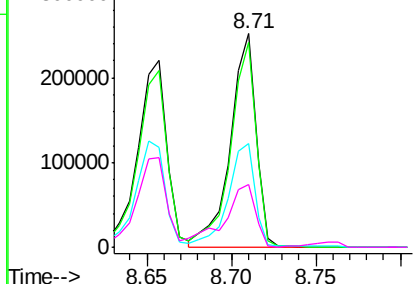
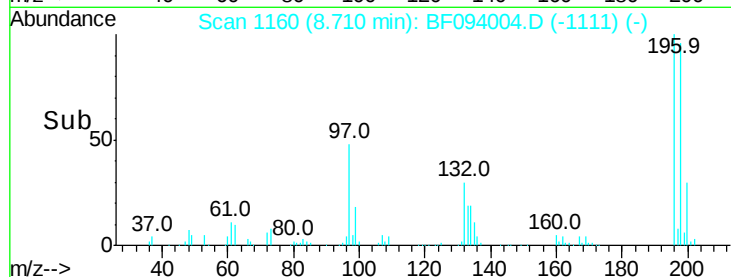
#43
 2,4,5-Trichlorophenol
 Concen: 40.11 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 266607
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 97 48.3 47.7 71.5
 132 29.6 28.0 42.0

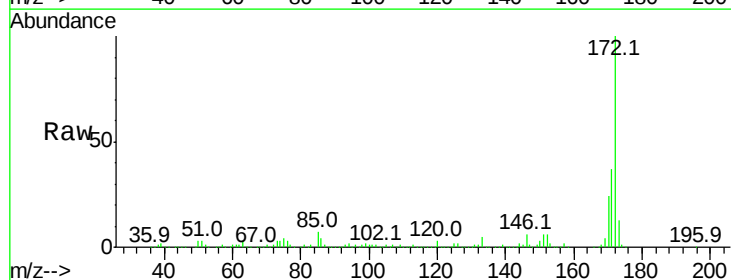


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

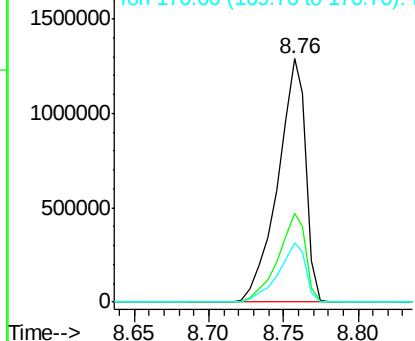
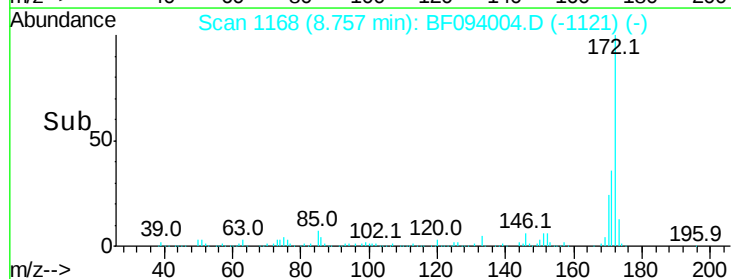


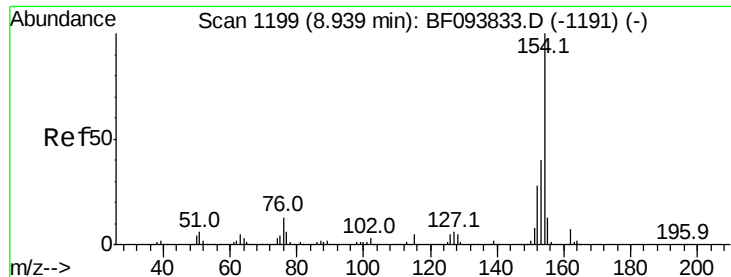
#44
 2-Fluorobiphenyl
 Concen: 81.28 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion:172 Resp: 1691609
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.2 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: 38.77 ng

RT: 8.87 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleId :

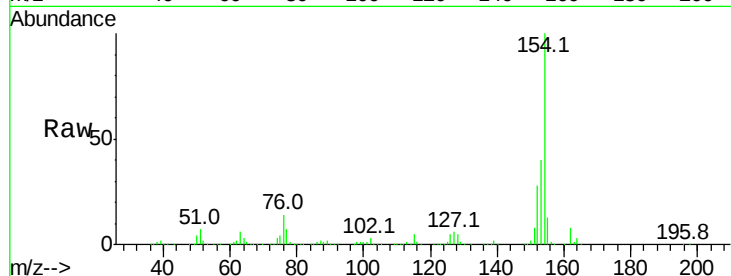
Tot Ion:154 Resp: 992694

Ion Ratio Lower Upper

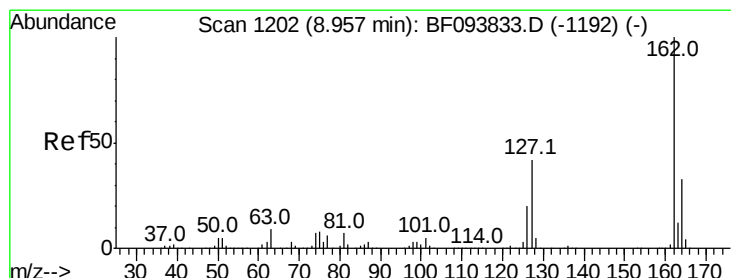
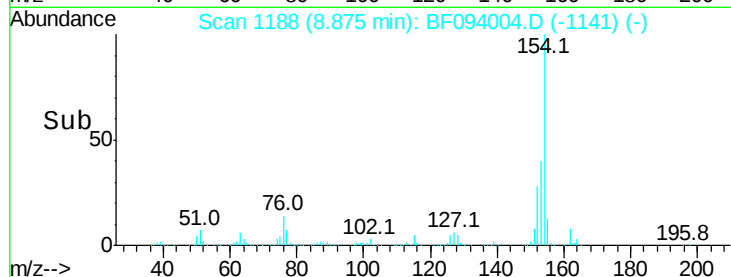
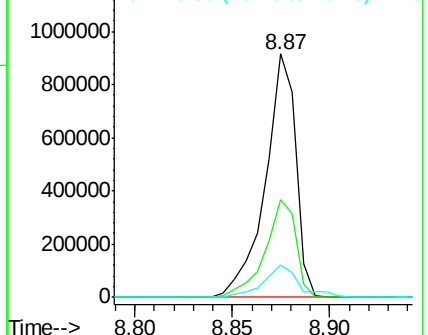
154 100

153 40.0 21.2 61.2

76 13.5 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: 38.75 ng

RT: 8.90 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

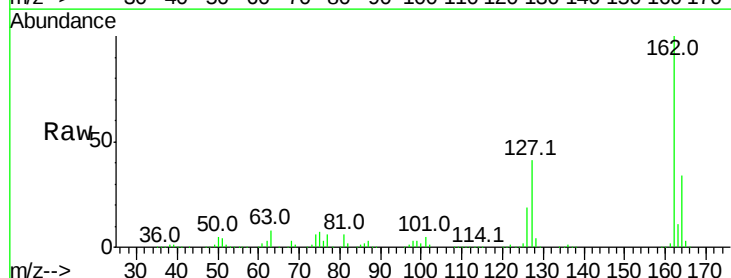
Tgt Ion:162 Resp: 776634

Ion Ratio Lower Upper

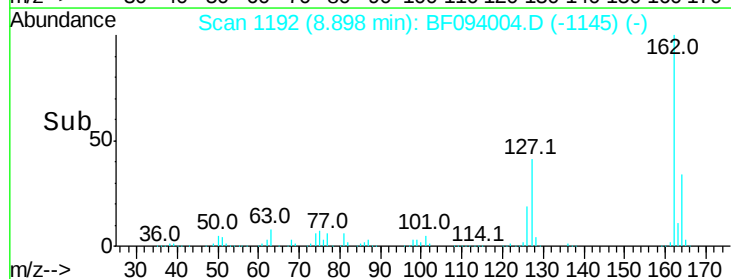
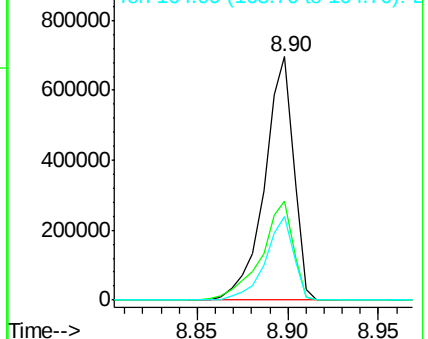
162 100

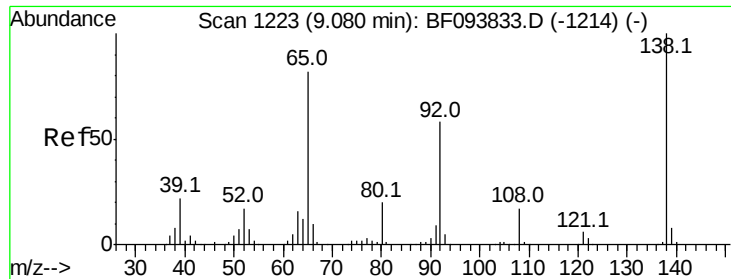
127 40.7 28.3 42.5

164 34.1 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

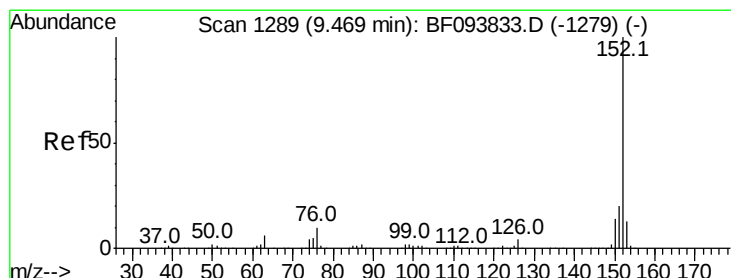
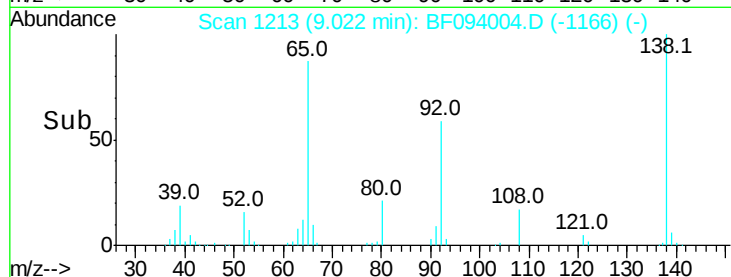
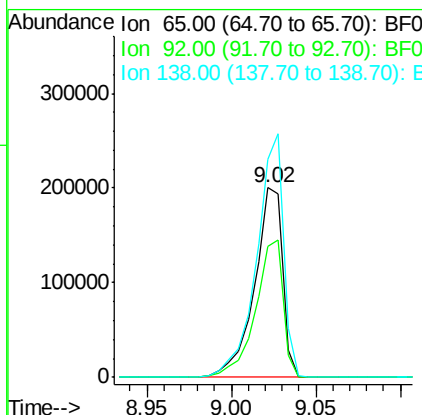
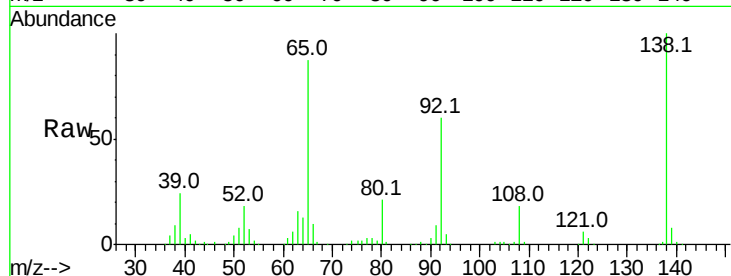




#47
2-Nitroaniline
Concen: 39.14 ng
RT: 9.02 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

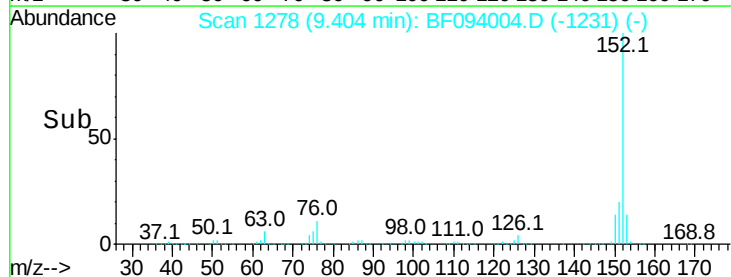
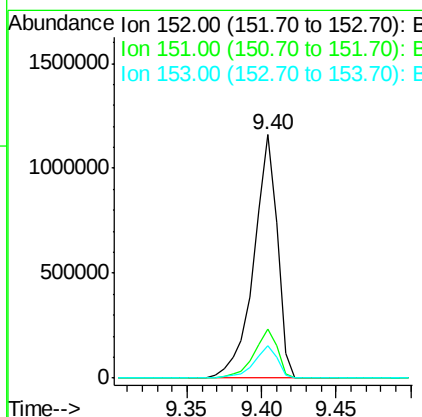
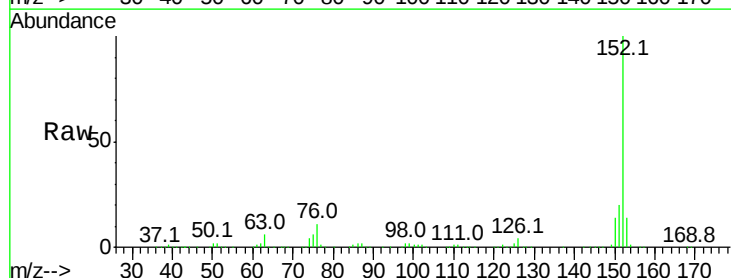
Instrument :
BNA_F
ClientSampleId :

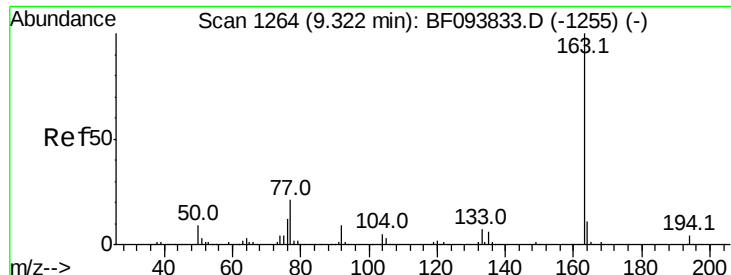
Tot Ion: 65 Resp: 232677
Ion Ratio Lower Upper
65 100
92 68.9 53.9 80.9
138 115.2 78.8 118.2



#48
Acenaphthylene
Concen: 37.59 ng
RT: 9.40 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion:152 Resp: 1252182
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 13.5 10.8 16.2

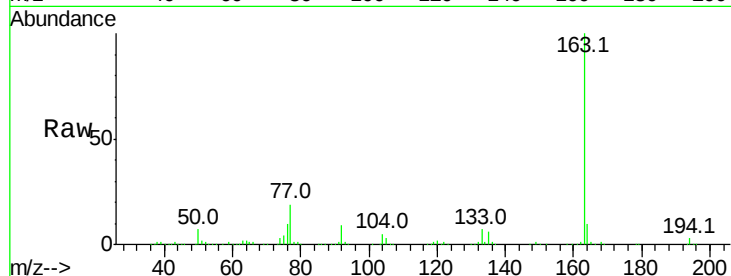




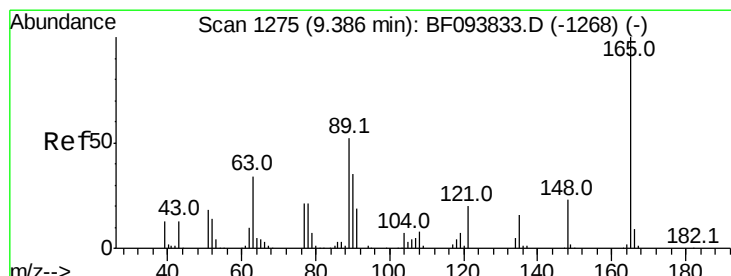
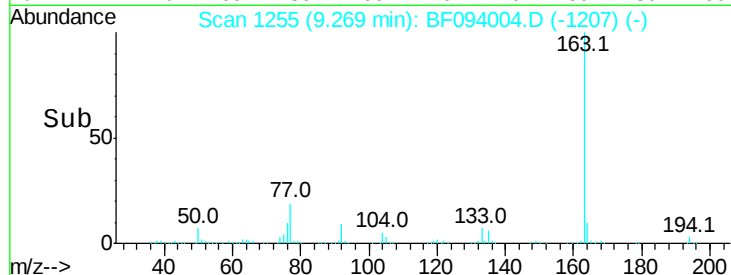
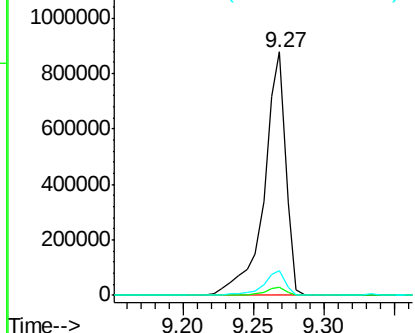
#49
Dimethylphthalate
Concen: 41.81 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 943428
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.4 8.4 12.6

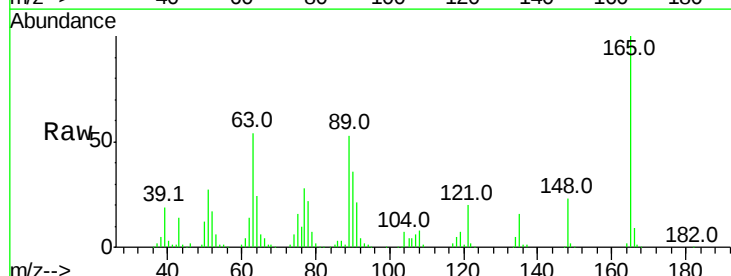


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

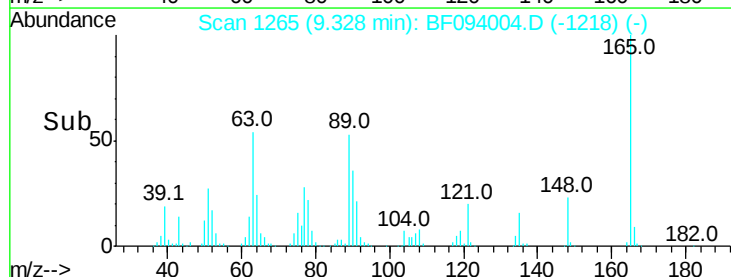
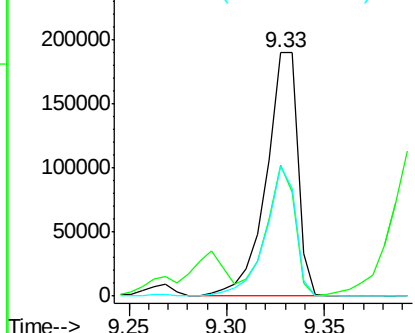


#50
2,6-Dinitrotoluene
Concen: 41.37 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion:165 Resp: 213961
Ion Ratio Lower Upper
165 100
63 53.9 34.3 51.5#
89 53.1 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

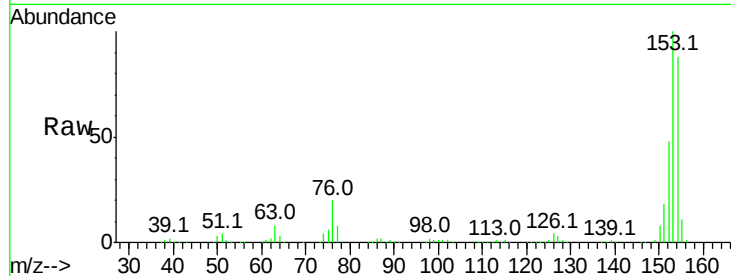




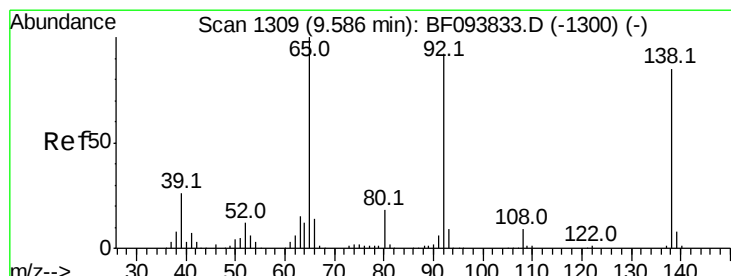
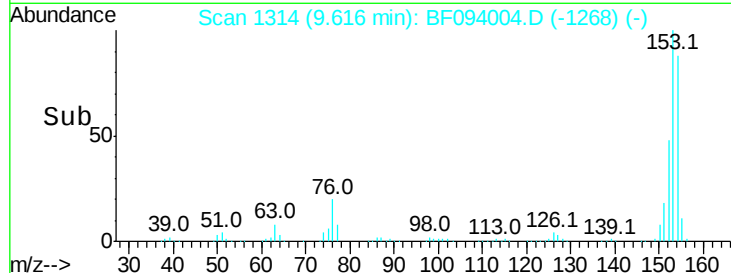
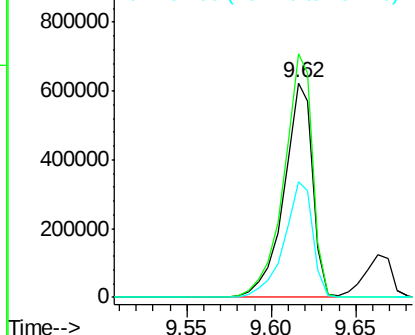
#51
Acenaphthene
Concen: 38.08 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleID :

Tot Ion:154 Resp: 740076
Ion Ratio Lower Upper
154 100
153 113.4 90.5 135.7
152 54.0 43.6 65.4

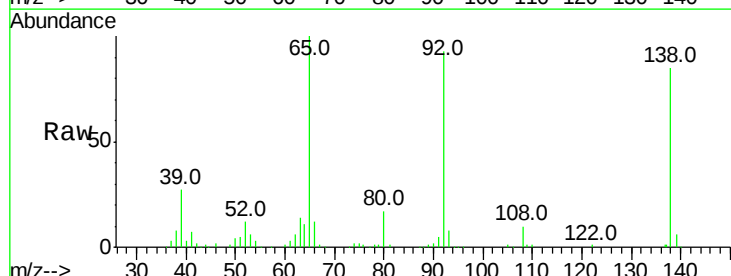


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

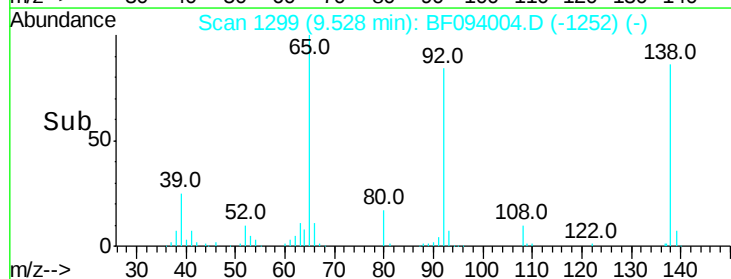
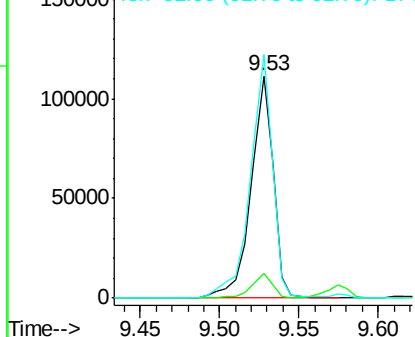


#52
3-Nitroaniline
Concen: 17.82 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion:138 Resp: 108252
Ion Ratio Lower Upper
138 100
108 11.3 9.1 13.7
92 109.7 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: 81.28 ng

RT: 9.66 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleId :

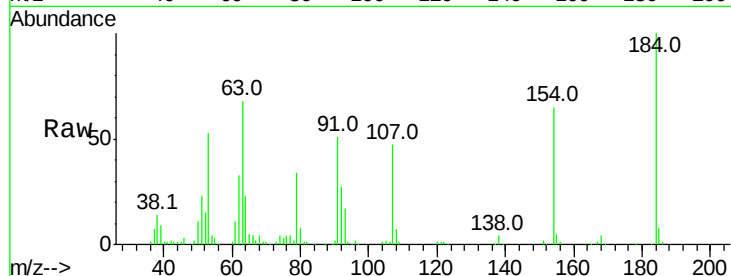
Tot Ion:184 Resp: 225192

Ion Ratio Lower Upper

184 100

63 68.4 62.7 94.1

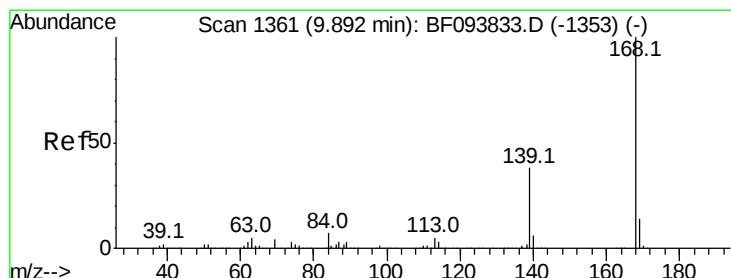
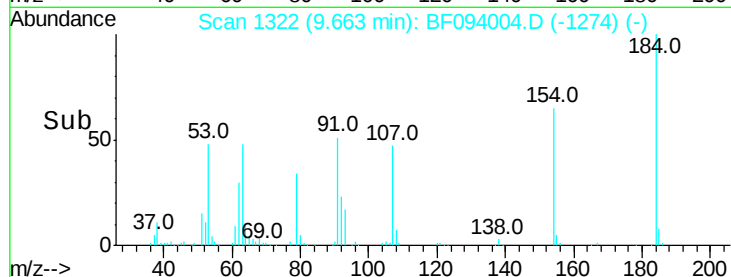
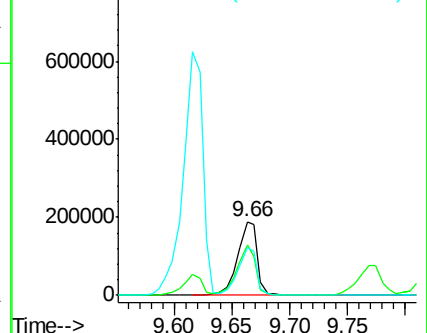
154 65.3 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.05 ng

RT: 9.83 min Scan# 1351

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

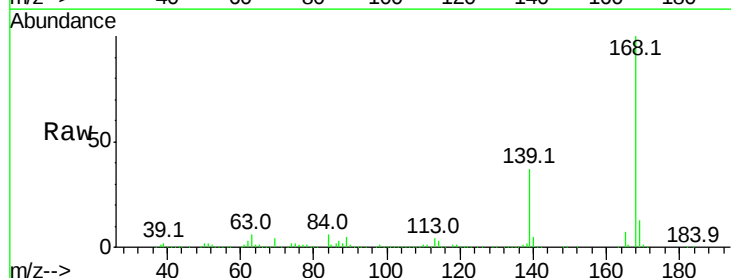
Tgt Ion:168 Resp: 1086200

Ion Ratio Lower Upper

168 100

139 37.1 30.6 45.8

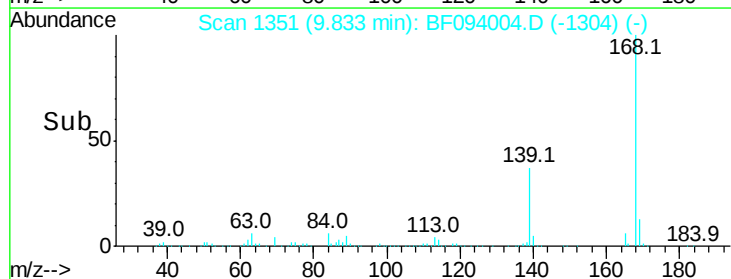
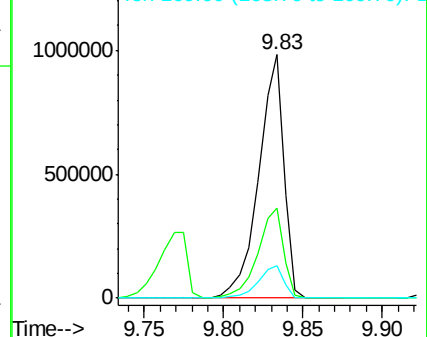
169 13.5 10.8 16.2

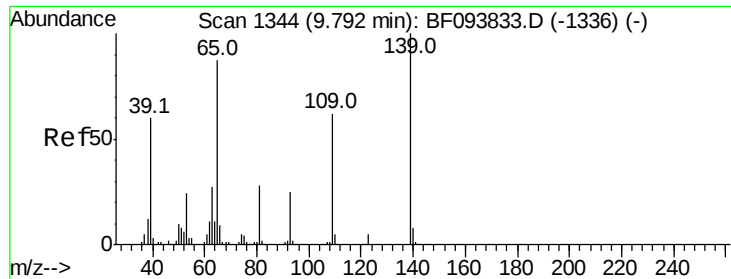


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 70.79 ng

RT: 9.77 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampled :

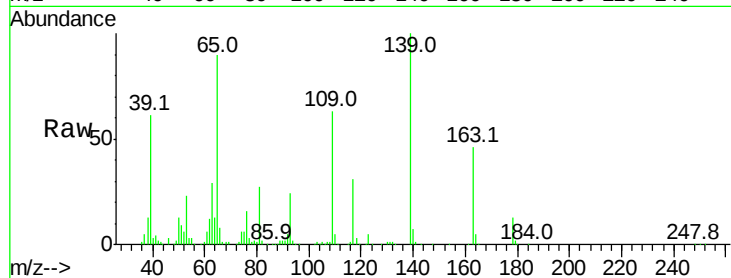
Tot Ion:139 Resp: 336698

Ion Ratio Lower Upper

139 100

109 62.7 34.1 74.1

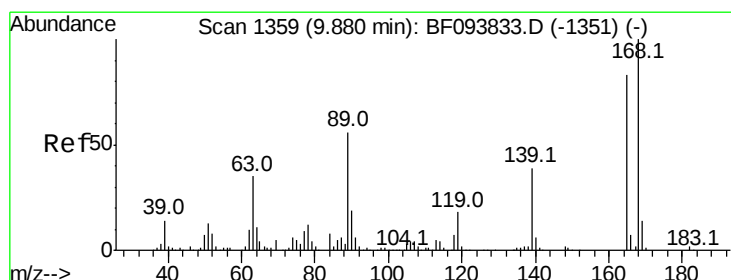
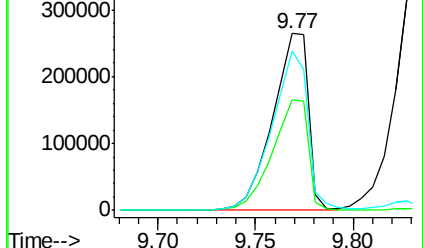
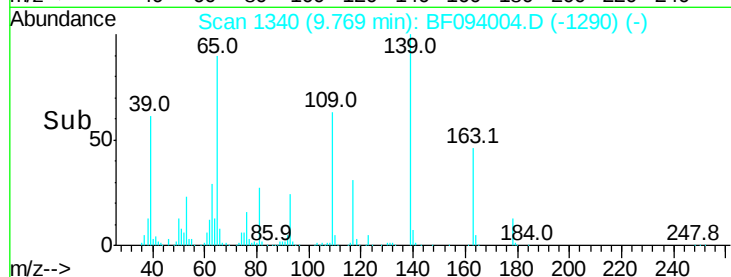
65 89.6 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.55 ng

RT: 9.83 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion:165 Resp: 263492

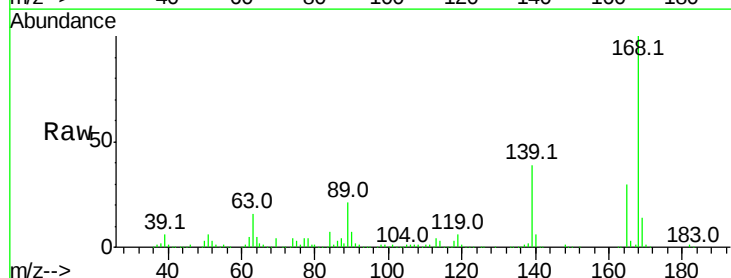
Ion Ratio Lower Upper

165 100

63 52.6 25.4 38.0#

89 71.1 46.4 69.6#

182 2.6 1.8 2.6

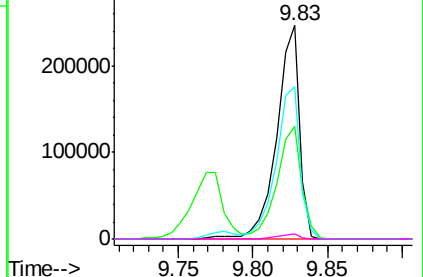
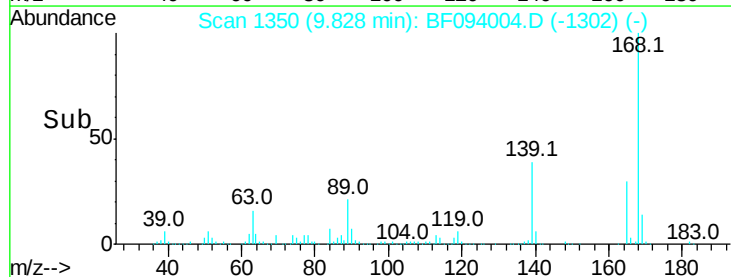


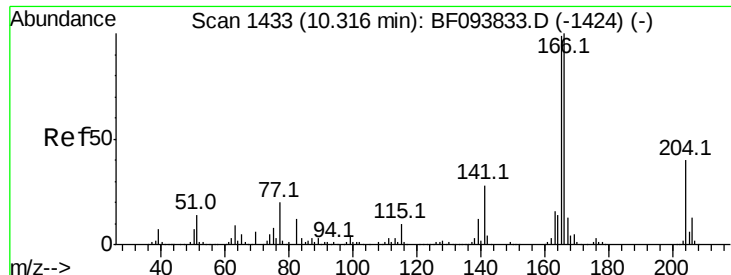
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

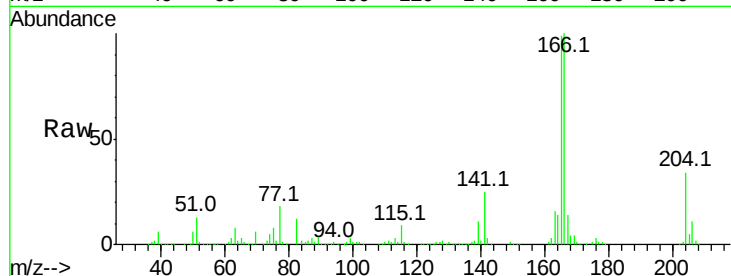




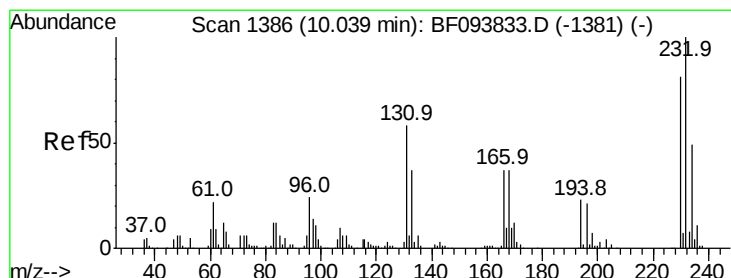
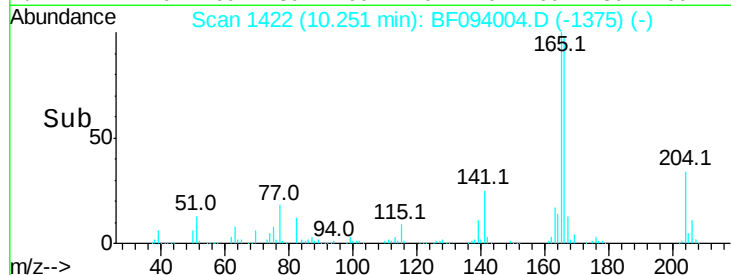
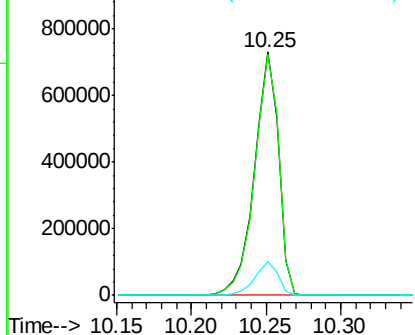
#57
Fluorene
 Concen: 36.77 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.8	118.2
167	13.6	10.6	16.0



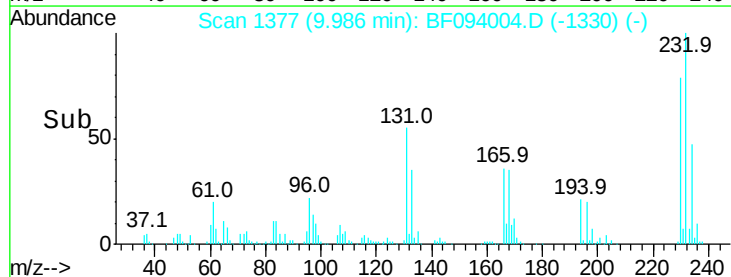
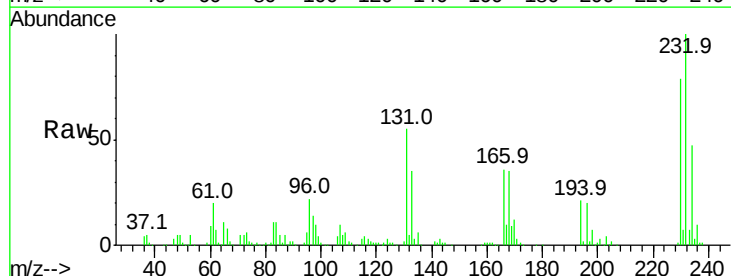
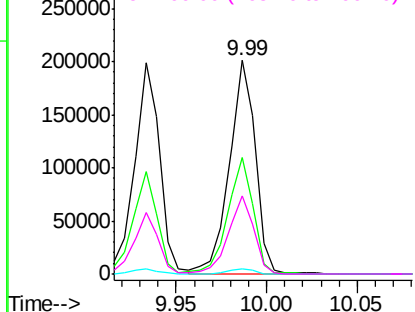
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.82 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.5	44.8	67.2
130	2.5	2.3	3.5
166	35.9	29.0	43.4

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

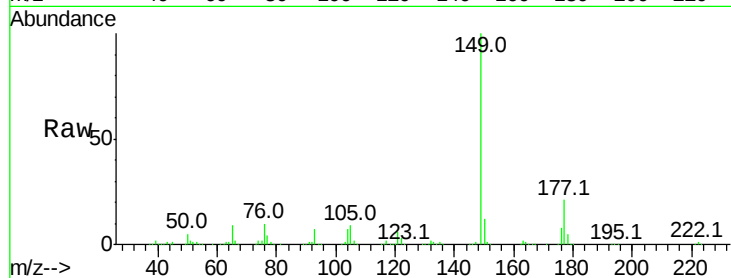




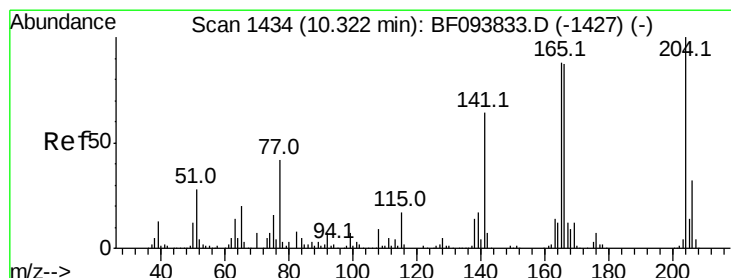
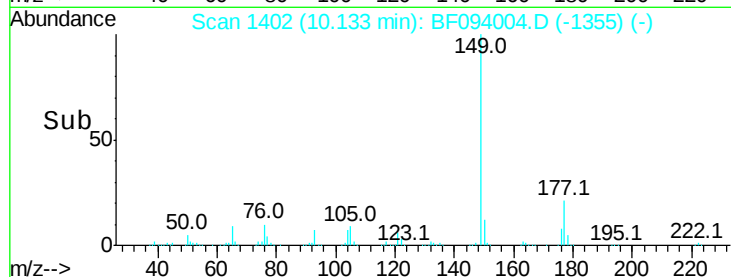
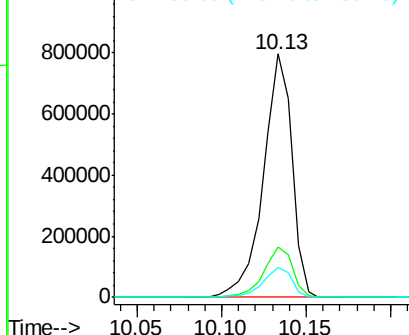
#59
Diethylphthalate
Concen: 41.59 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 927529
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.5 10.2 15.2

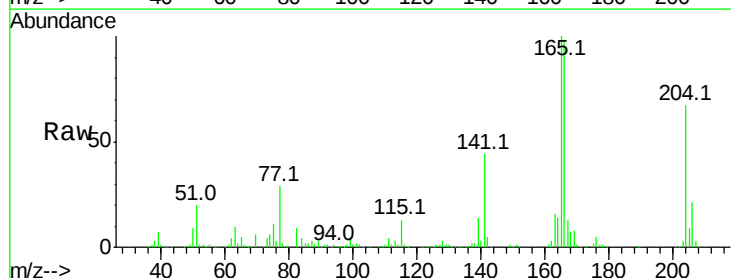


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

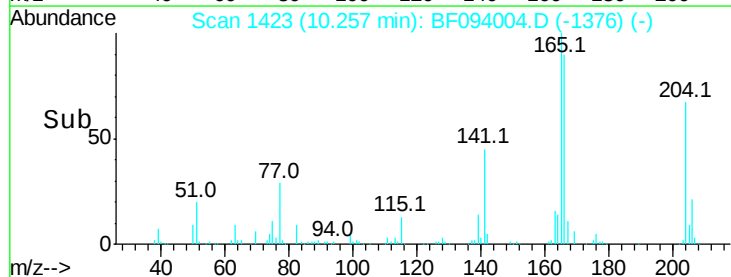
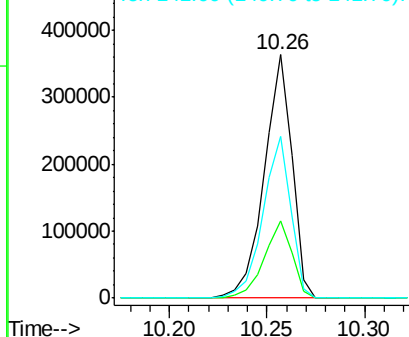


#60
4-Chlorophenyl-phenylether
Concen: 38.21 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion:204 Resp: 357142
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 66.7 60.8 91.2



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

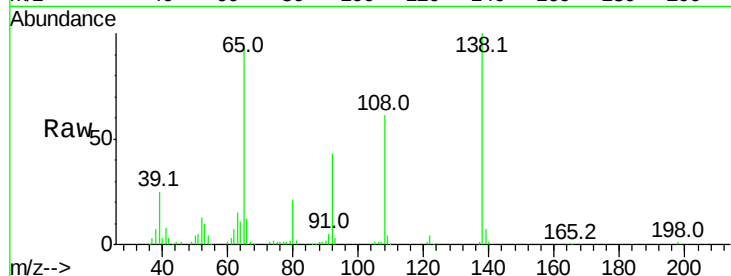




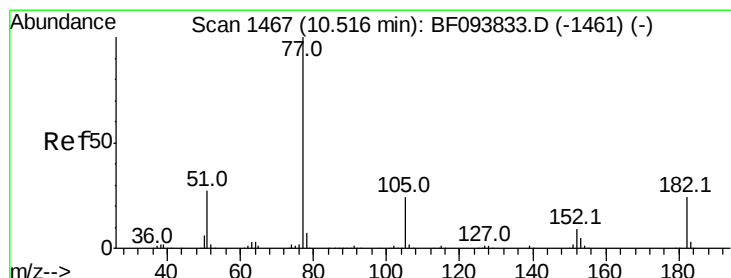
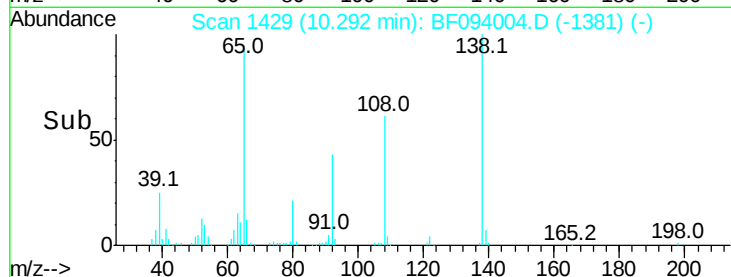
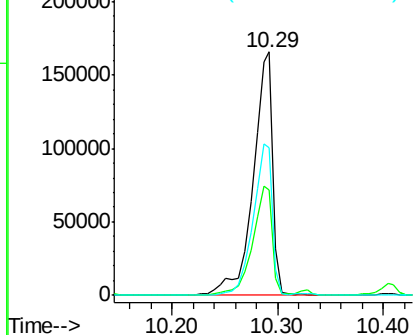
#61
4-Nitroaniline
Concen: 37.26 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 217149
Ion Ratio Lower Upper
138 100
92 43.5 21.8 61.8
108 60.5 42.3 82.3

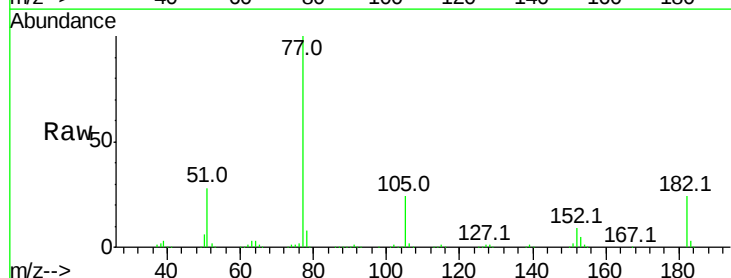


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

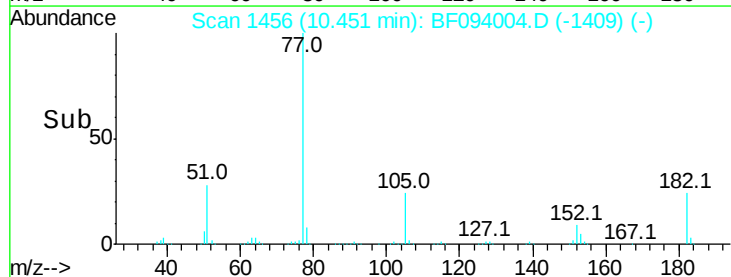
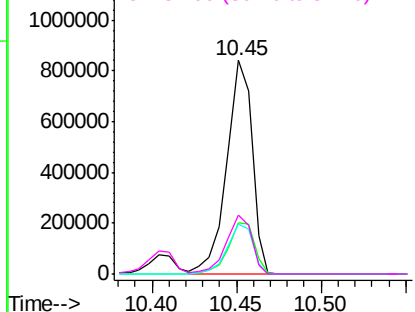


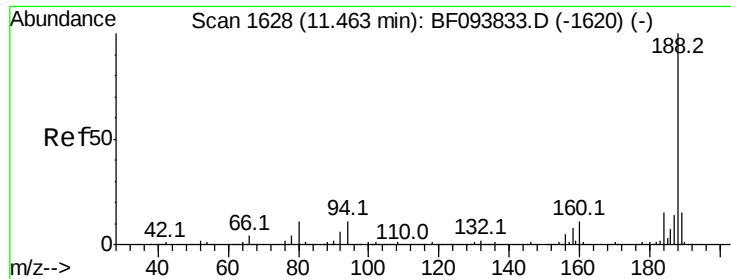
#62
Azobenzene
Concen: 41.72 ng
RT: 10.45 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion: 77 Resp: 880048
Ion Ratio Lower Upper
77 100
182 23.7 0.1 40.1
105 23.6 3.6 43.6
51 27.7 9.4 49.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1617

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleId :

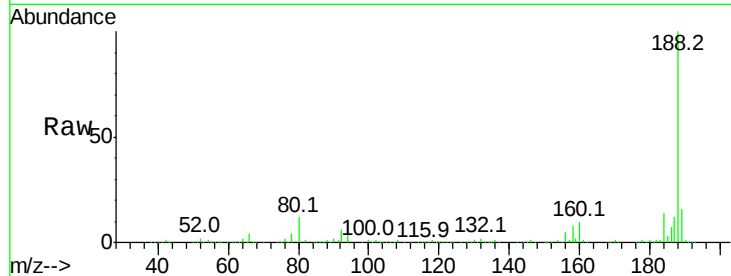
Tot Ion:188 Resp: 550454

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

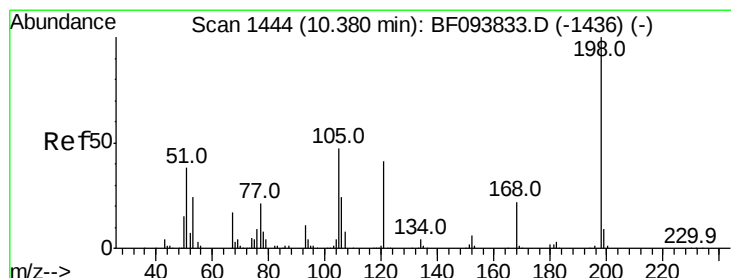
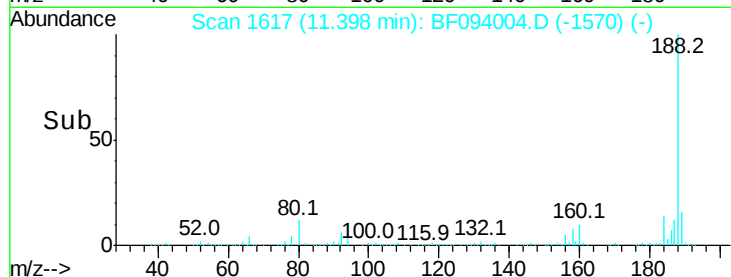
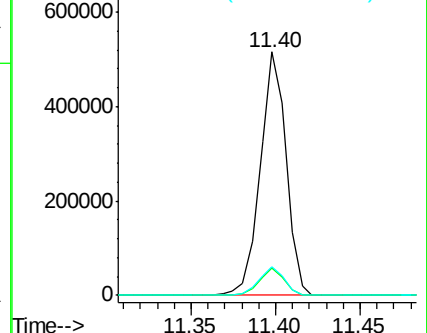
80 11.8 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.33 ng

RT: 10.33 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

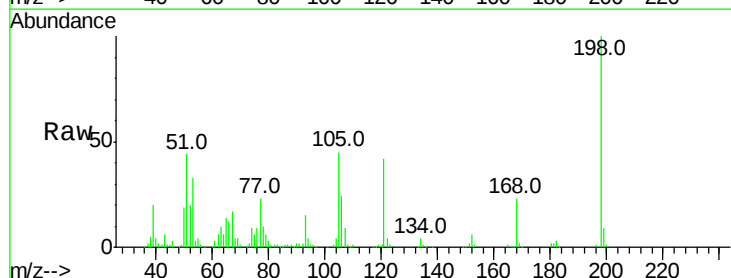
Tgt Ion:198 Resp: 142708

Ion Ratio Lower Upper

198 100

51 44.4 53.2 93.2#

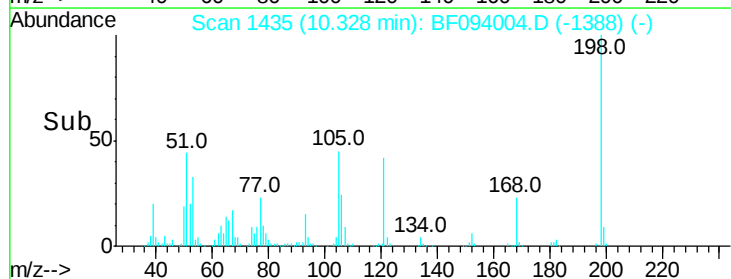
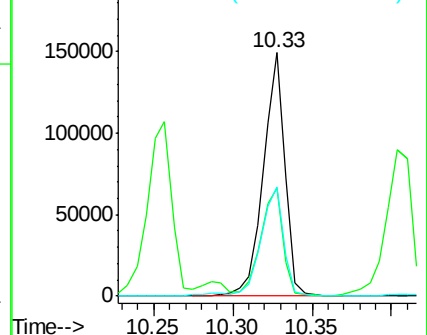
105 44.9 45.8 85.8#

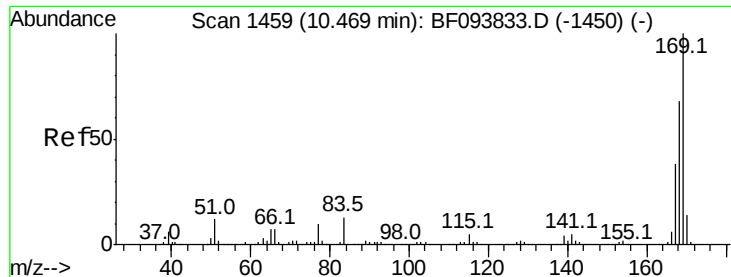


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

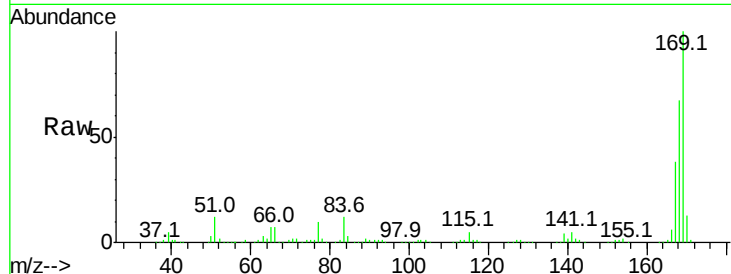




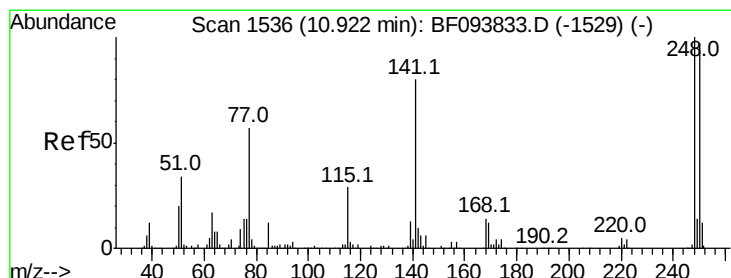
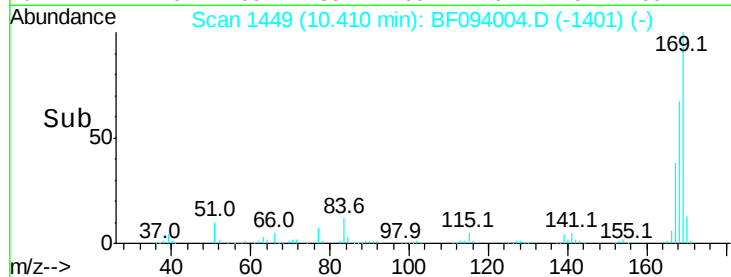
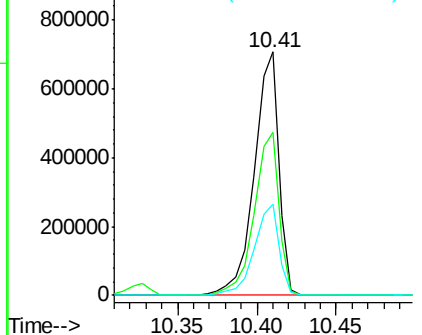
#65
 n-Nitrosodiphenylamine
 Concen: 40.17 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 764700
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.2 79.8
 167 37.7 29.5 44.3

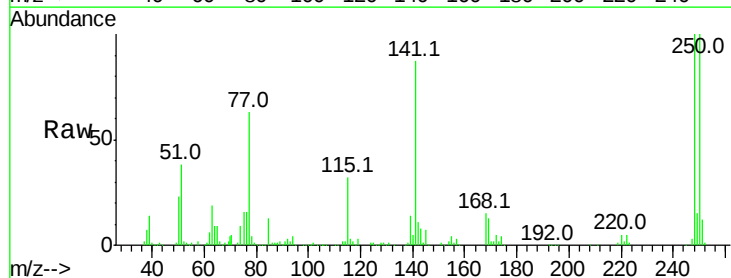


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

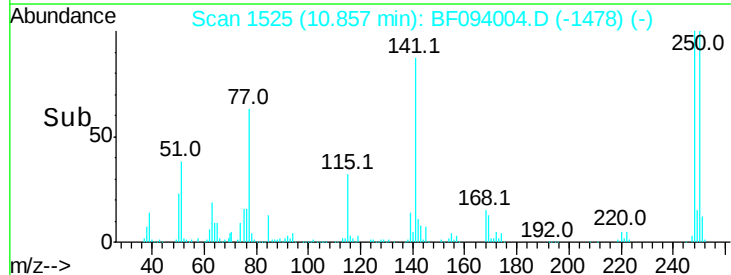
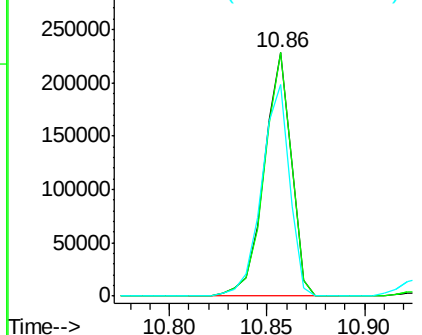


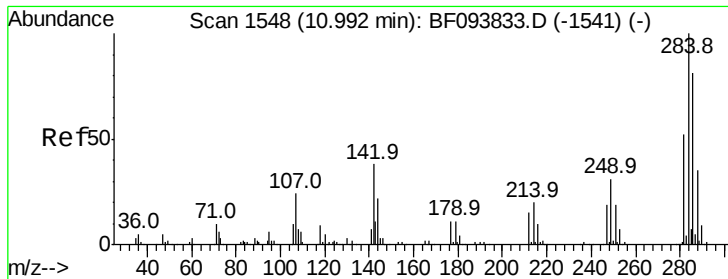
#66
 4-Bromophenyl-phenylether
 Concen: 40.64 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion:248 Resp: 219992
 Ion Ratio Lower Upper
 248 100
 250 99.9 76.8 115.2
 141 87.1 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 41.21 ng

RT: 10.93 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampled :

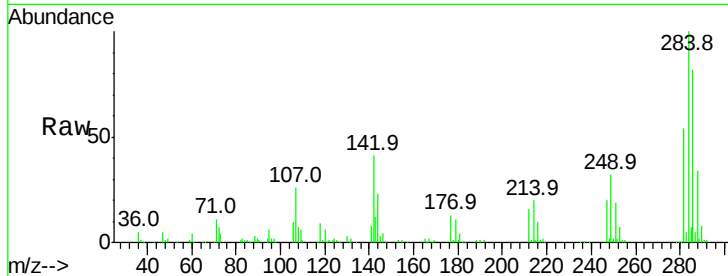
Tot Ion:284 Resp: 225845

Ion Ratio Lower Upper

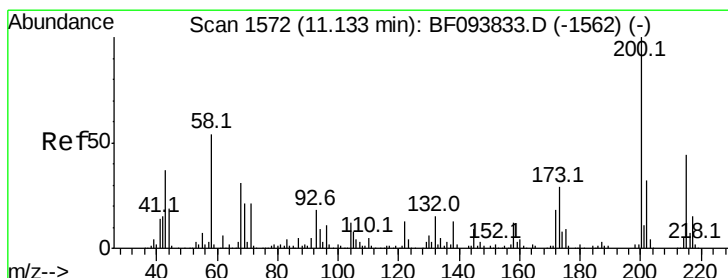
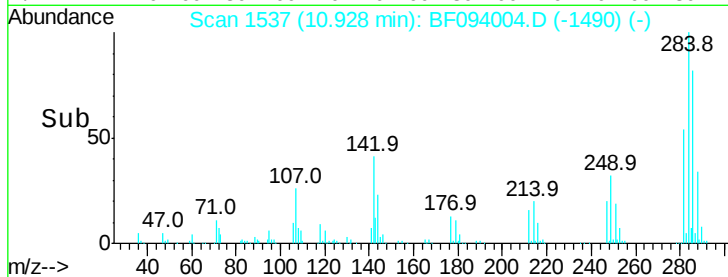
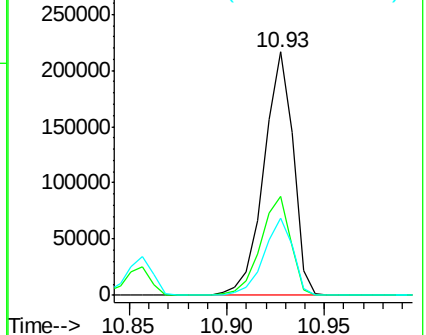
284 100

142 40.6 22.8 34.2#

249 31.6 24.0 36.0



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



#68

Atrazine

Concen: 37.31 ng

RT: 11.08 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

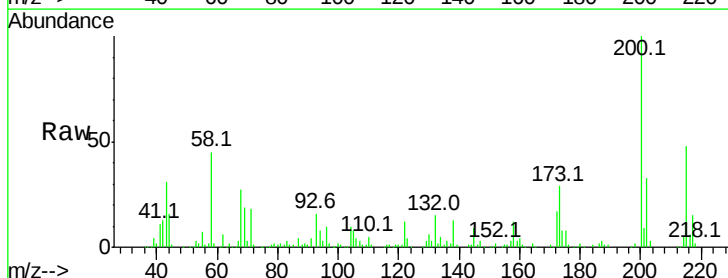
Tgt Ion:200 Resp: 212750

Ion Ratio Lower Upper

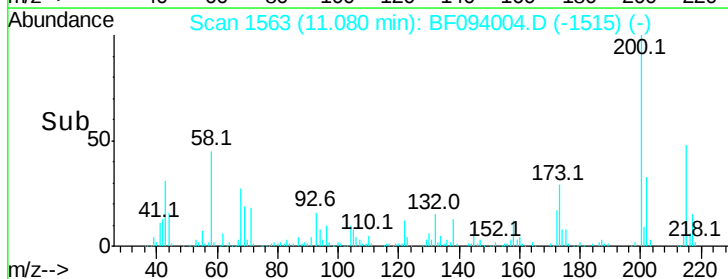
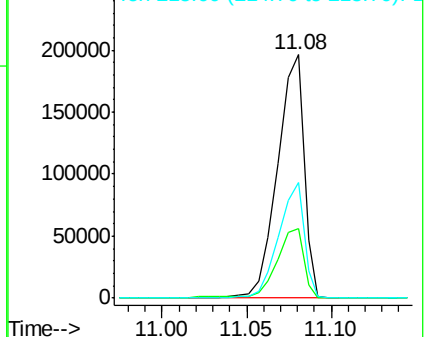
200 100

173 28.7 6.3 46.3

215 47.6 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

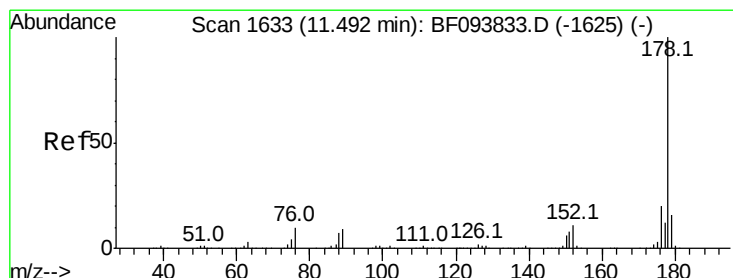
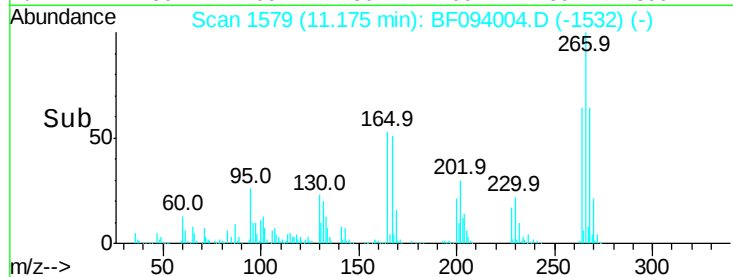
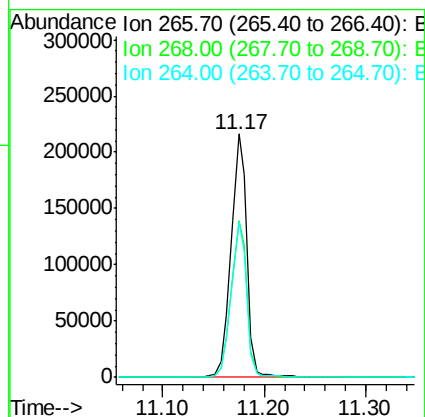
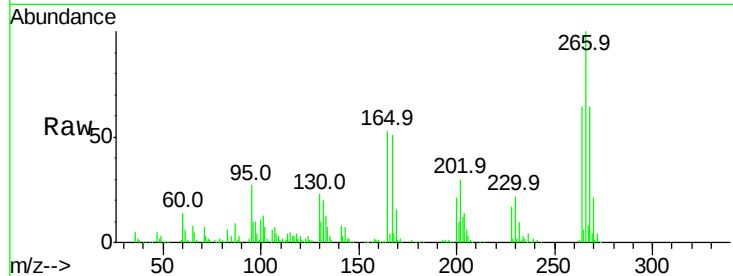




#69
 Pentachlorophenol
 Concen: 68.80 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

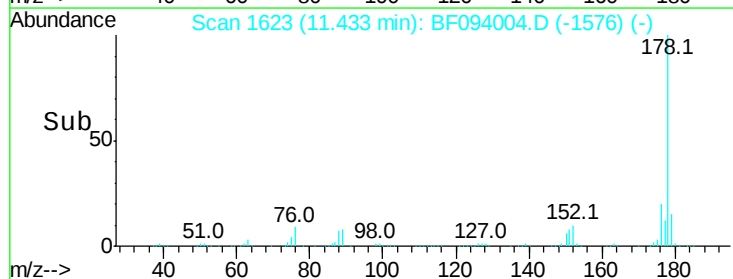
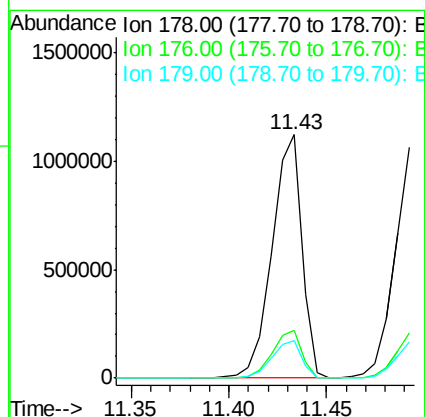
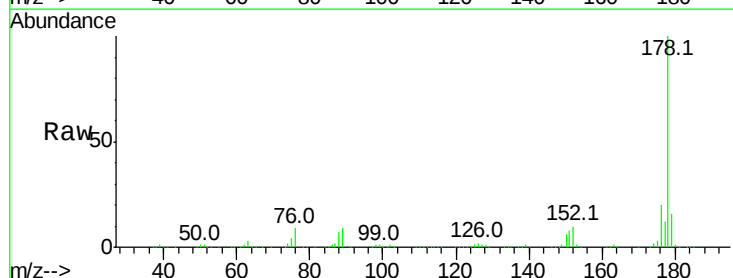
Instrument :
 BNA_F
 ClientSampleId :

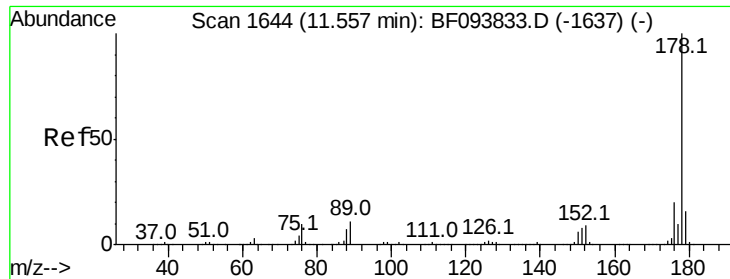
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	63.6	51.7	77.5



#70
 Phenanthrene
 Concen: 38.81 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.5	12.6	19.0

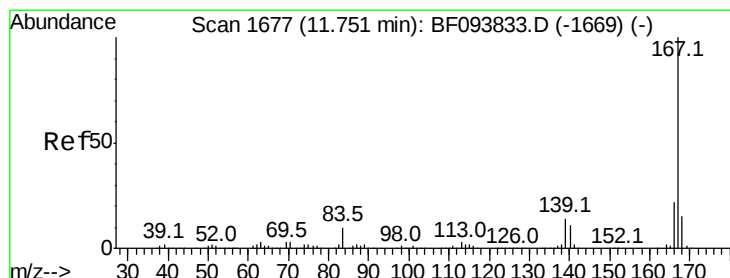
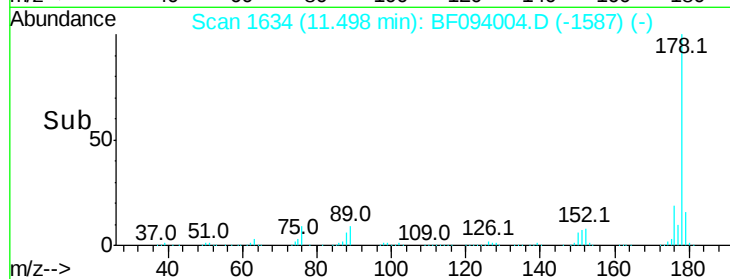
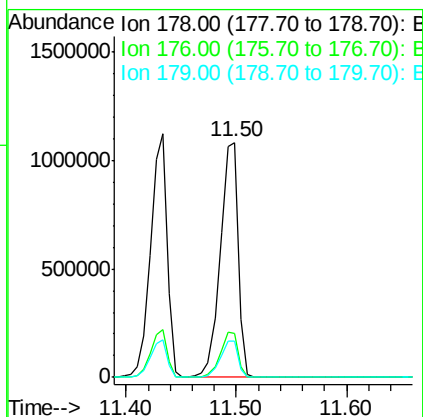
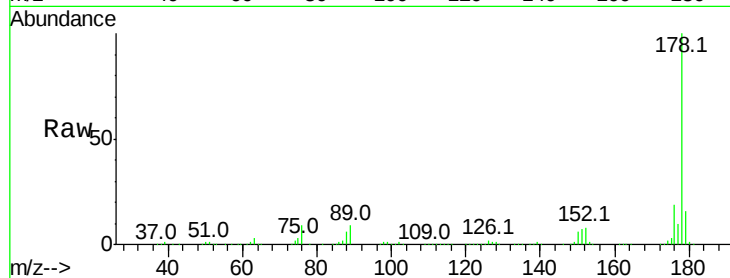




#71
 Anthracene
 Concen: 38.99 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

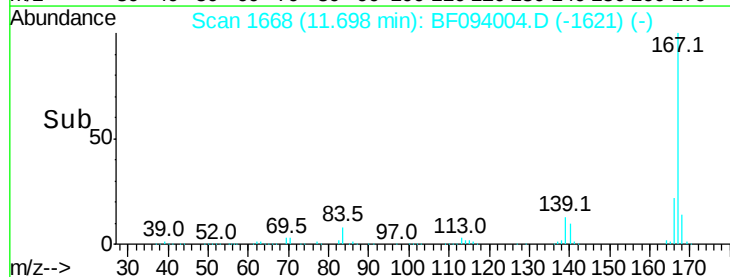
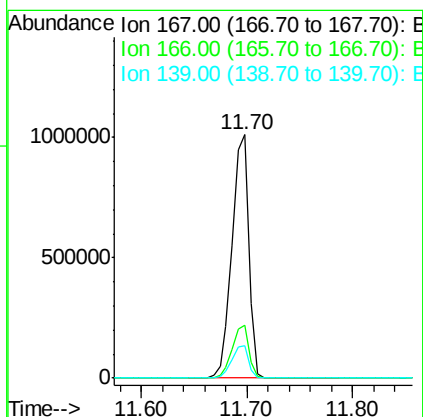
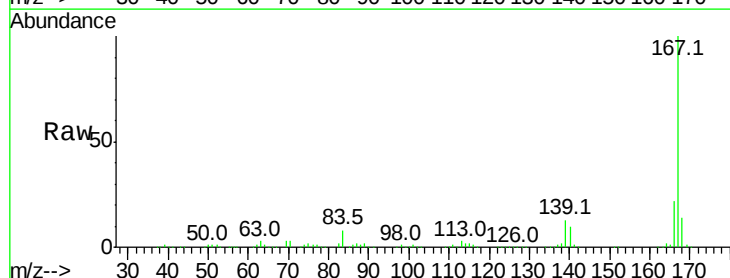
Instrument :
 BNA_F
 ClientSampled :

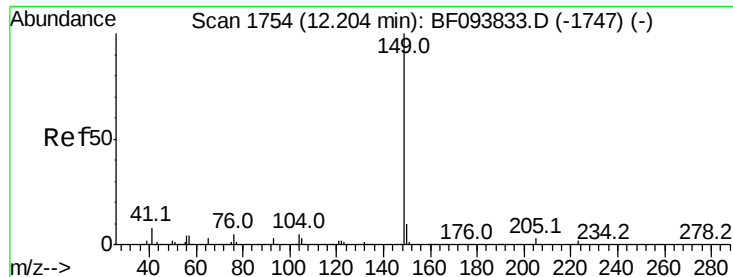
Tot Ion:178 Resp: 1229245
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 34.19 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion:167 Resp: 1105316
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.5 11.7 17.5

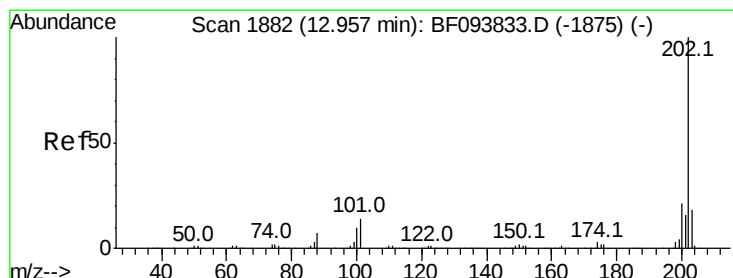
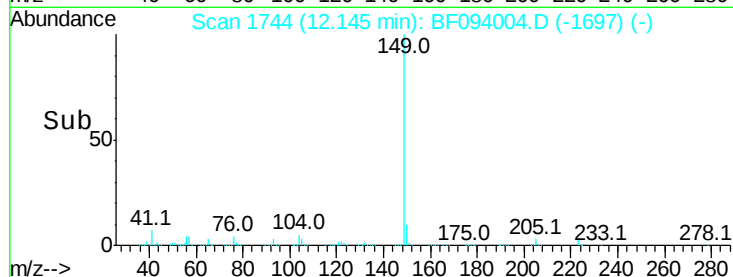
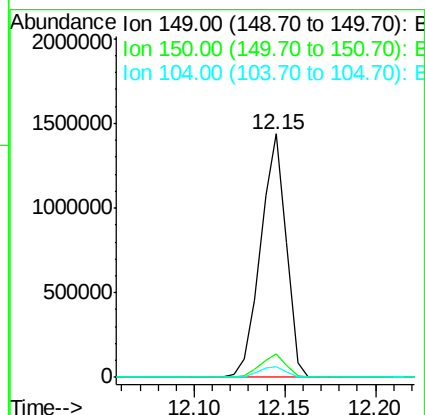
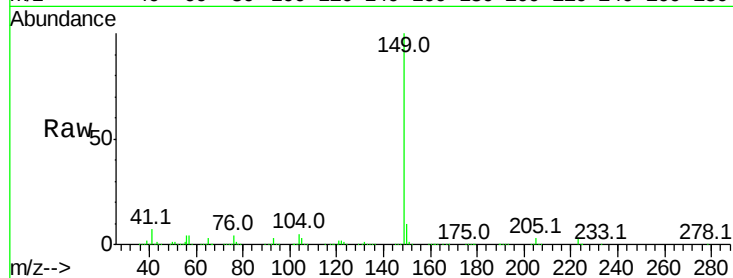




#73
Di-n-butylphthalate
Concen: 41.98 ng
RT: 12.15 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

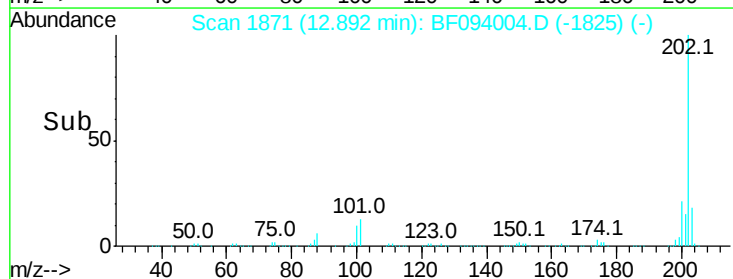
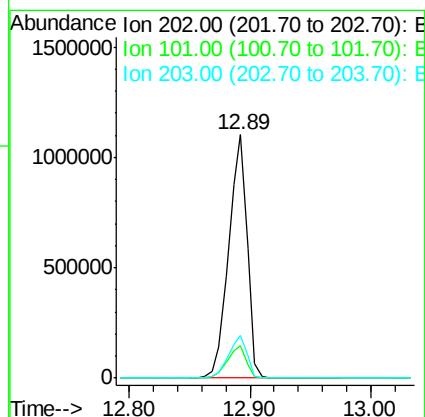
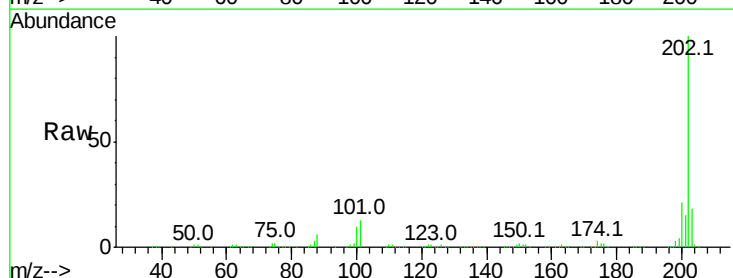
Instrument :
BNA_F
ClientSampleId :

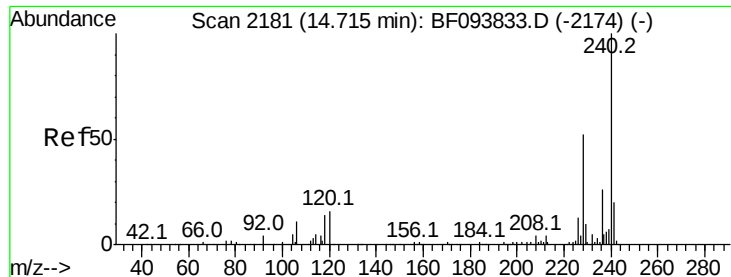
Tot Ion:149 Resp: 1411286
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 37.03 ng
RT: 12.89 min Scan# 1871
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion:202 Resp: 1161062
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampled :

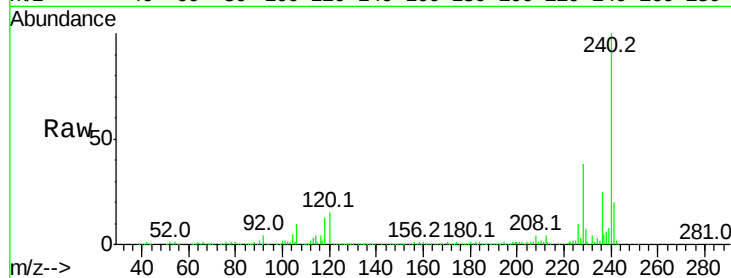
Tot Ion:240 Resp: 370250

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

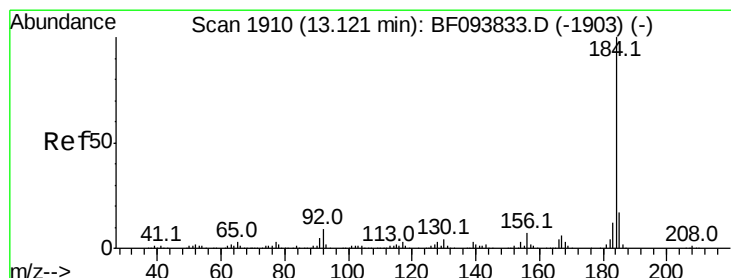
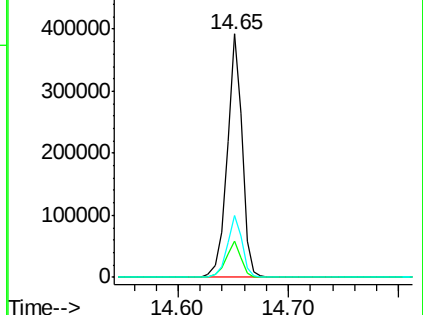
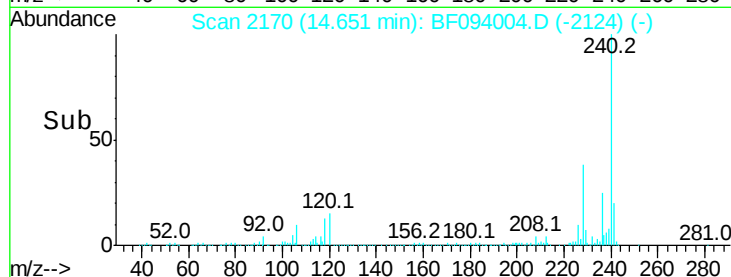
236 25.2 20.5 30.7



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: 9.43 ng

RT: 13.06 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

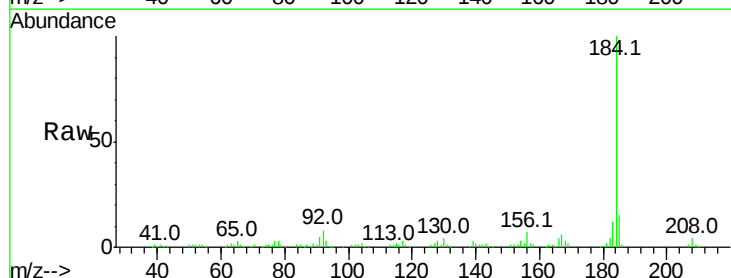
Tgt Ion:184 Resp: 138133

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

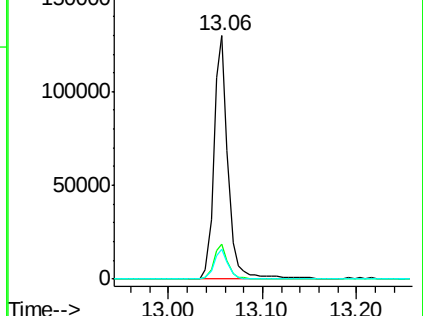
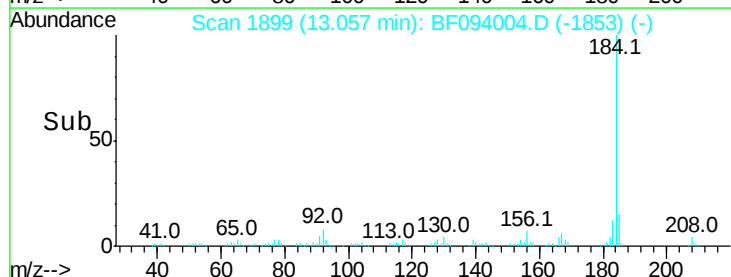
183 12.2 9.8 14.6

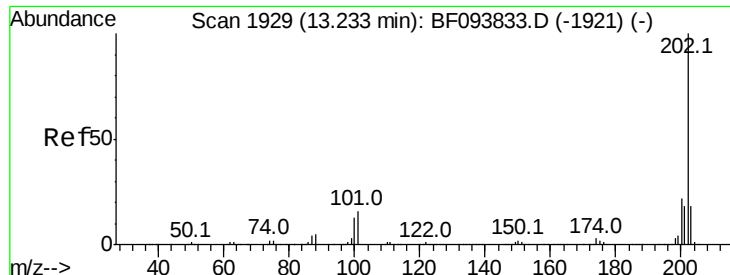


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



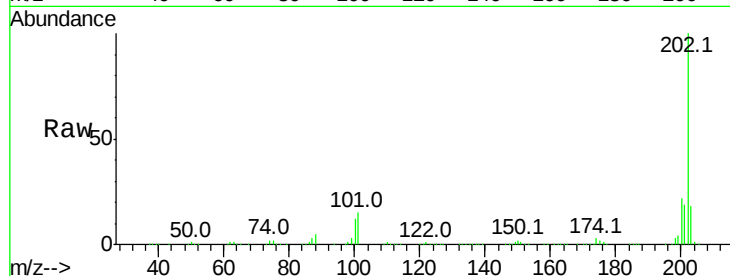


#77
 Pvrene
 Concen: 42.89 ng
 RT: 13.17 min Scan# 1918
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

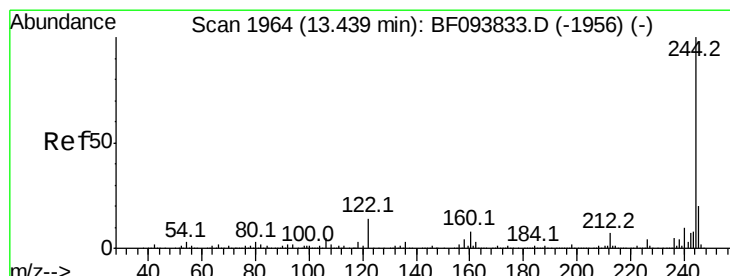
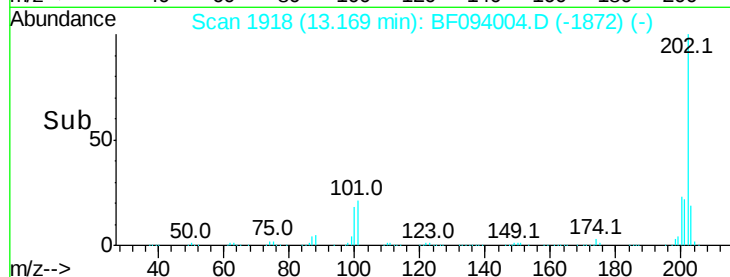
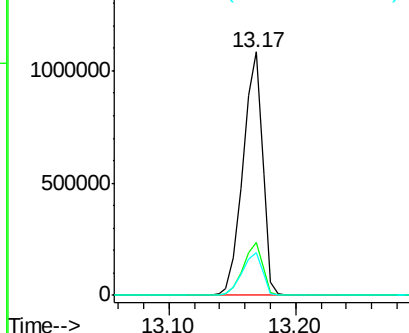
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1152534

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.7	14.4	21.6



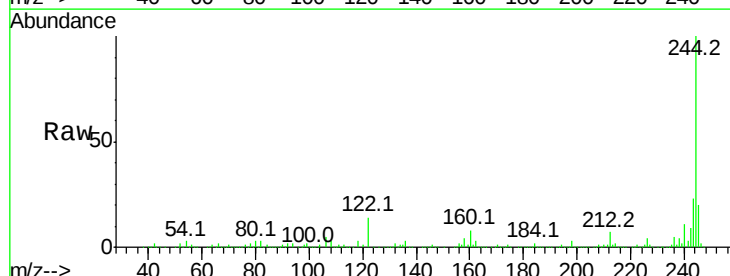
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



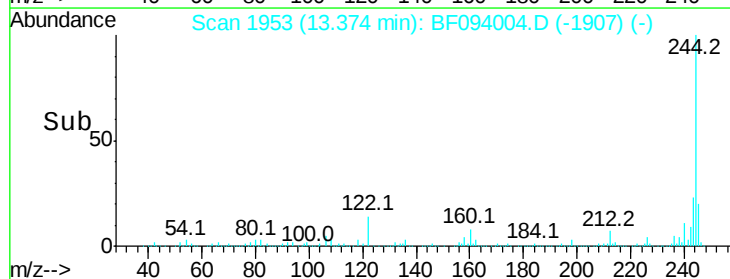
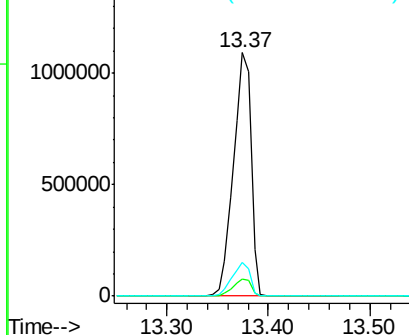
#78
 Terphenyl-d14
 Concen: 80.28 ng
 RT: 13.37 min Scan# 1953
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion:244 Resp: 1326011

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.1	10.3	15.5



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





#79

Butylbenzylphthalate

Concen: 49.07 ng

RT: 13.99 min Scan# 2057

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleId :

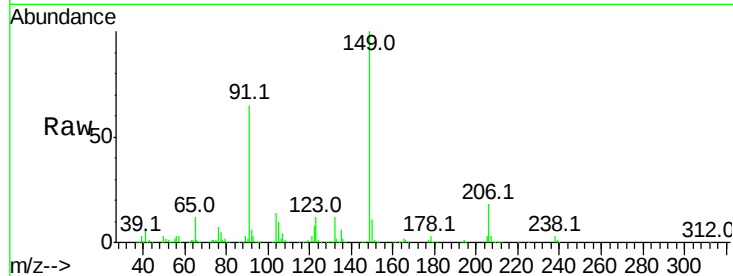
Tot Ion:149 Resp: 561847

Ion Ratio Lower Upper

149 100

91 65.2 45.0 67.4

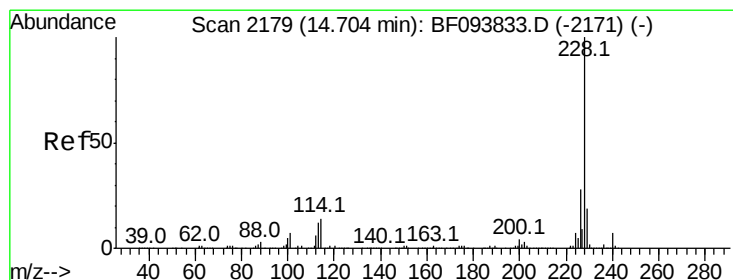
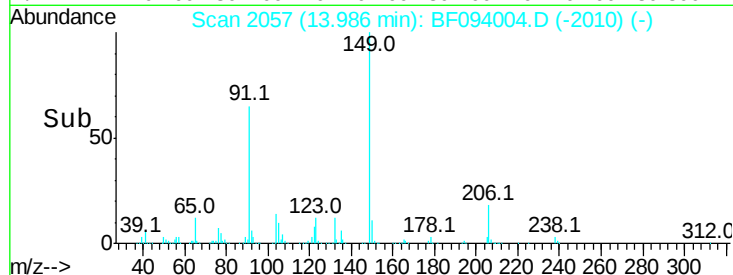
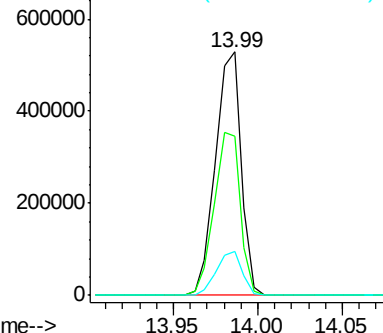
206 18.0 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.25 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.03 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

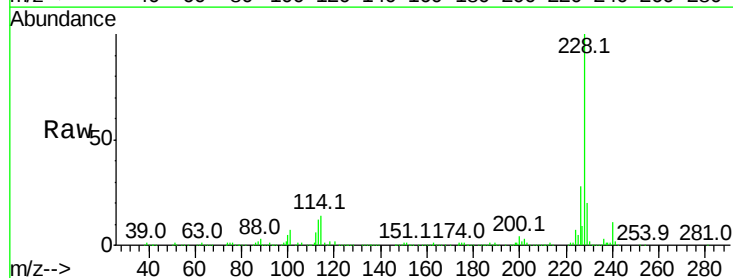
Tgt Ion:228 Resp: 869034

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

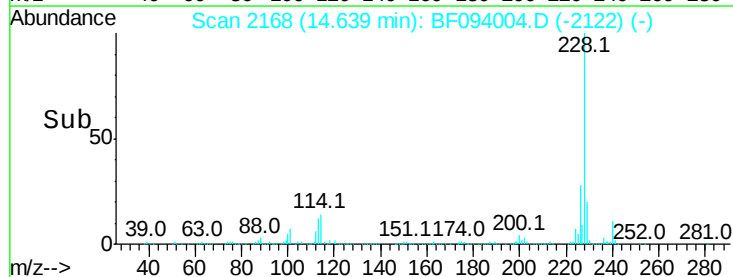
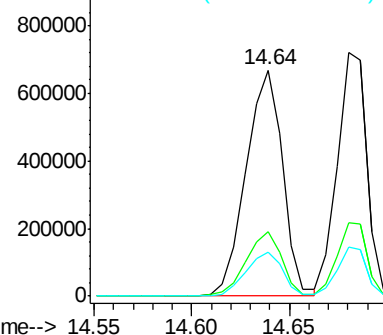
229 19.6 16.3 24.5

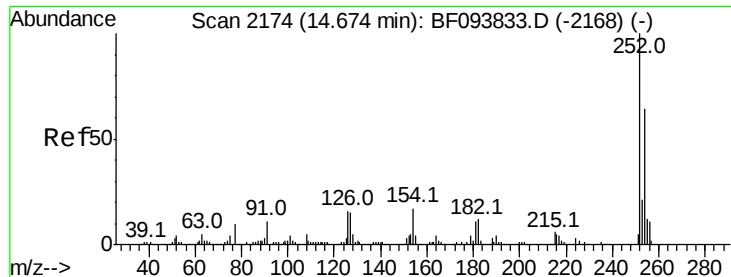


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

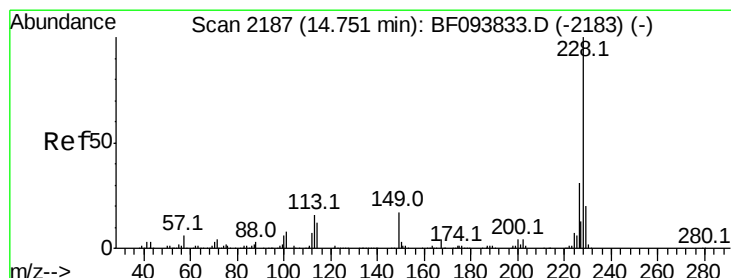
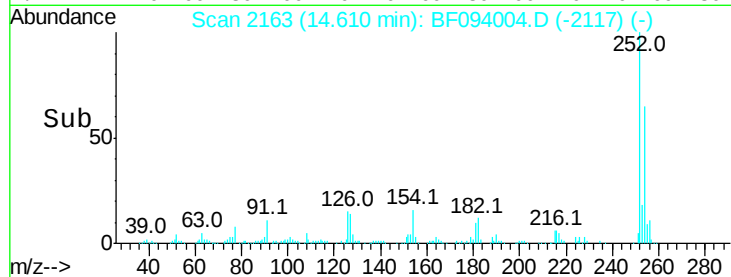
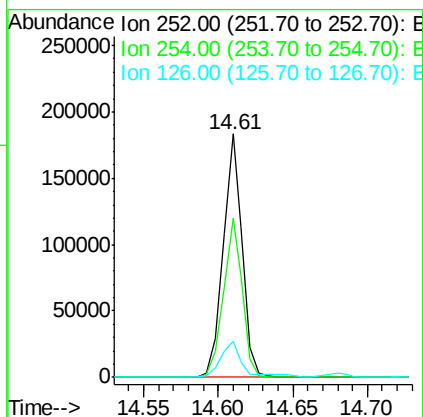
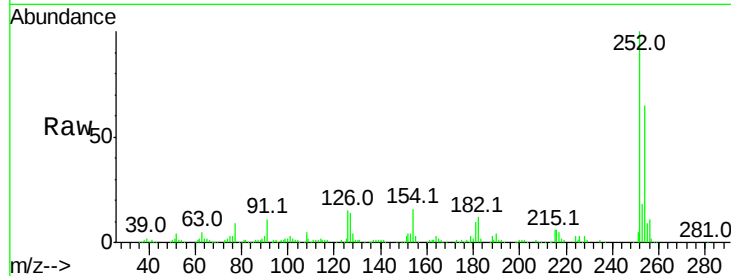




#81
 3,3'-Dichlorobenzidine
 Concen: 21.42 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

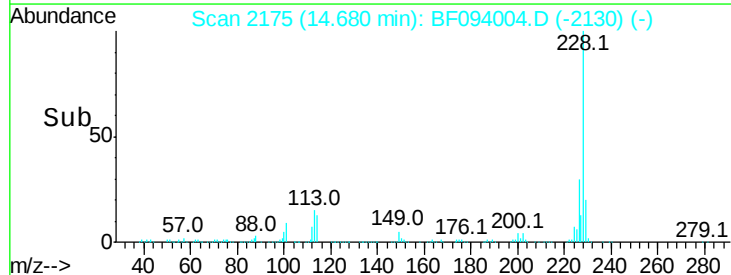
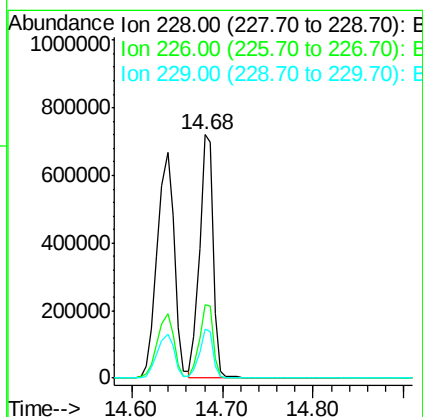
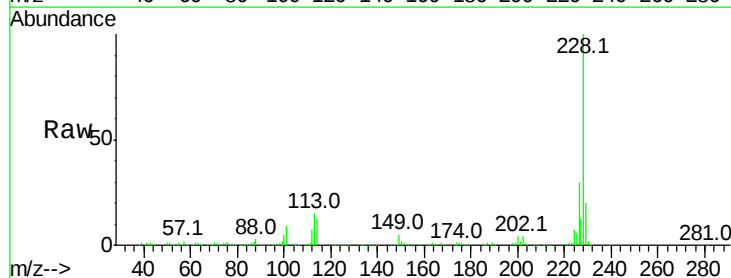
Instrument :
 BNA_F
 ClientSampled :

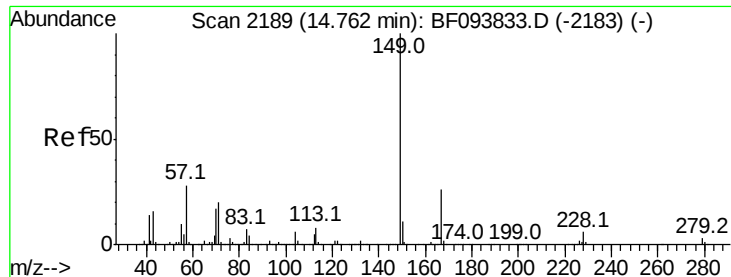
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	14.9	15.8	23.8#



#82
 Chrysene
 Concen: 38.05 ng
 RT: 14.68 min Scan# 2175
 Delta R.T. -0.04 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.0	15.8	23.6

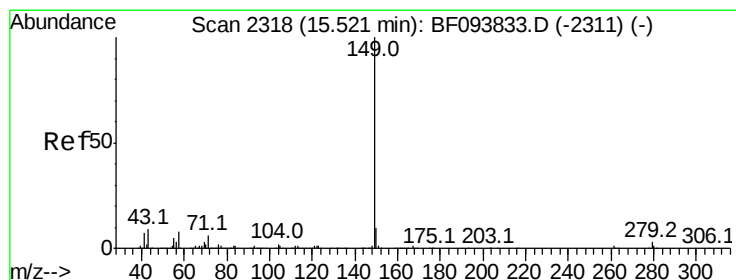
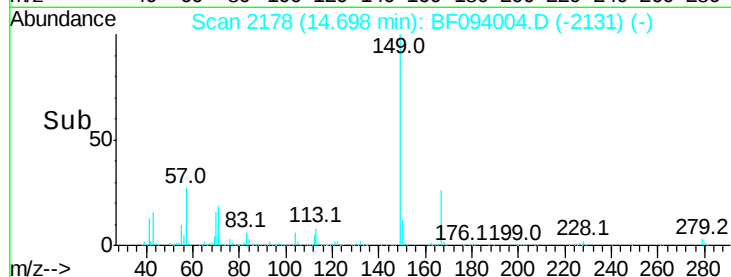
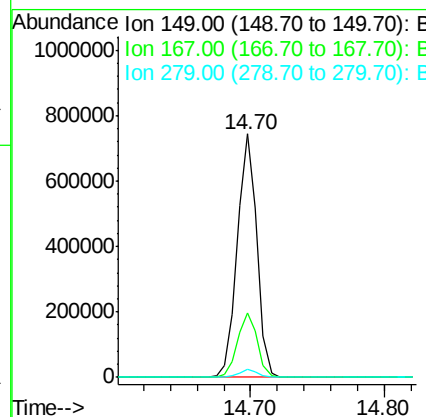
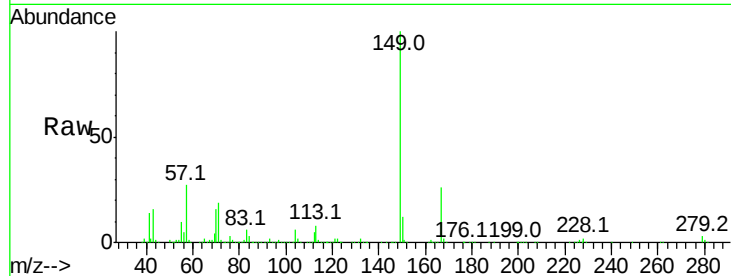




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.14 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

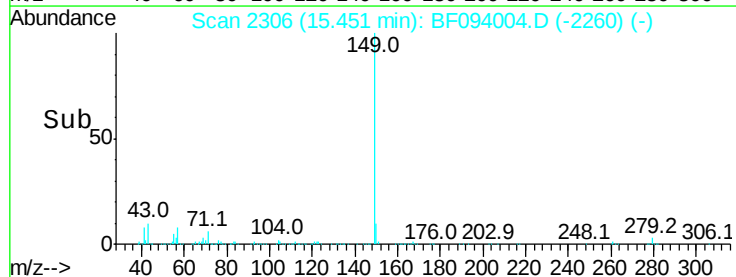
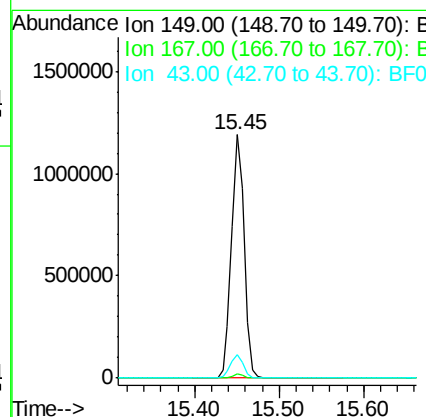
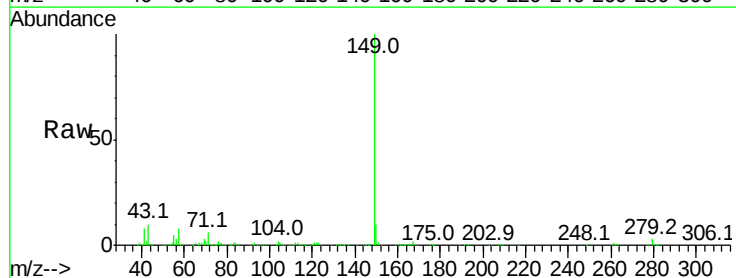
Instrument :
 BNA_F
 ClientSampleId :

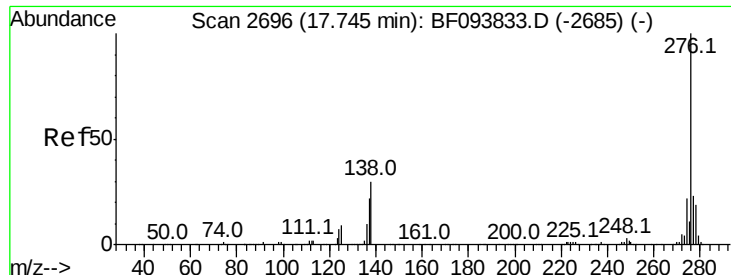
Tot Ion:149 Resp: 767500
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 47.35 ng
 RT: 15.45 min Scan# 2306
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion:149 Resp: 1235482
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.5 12.7

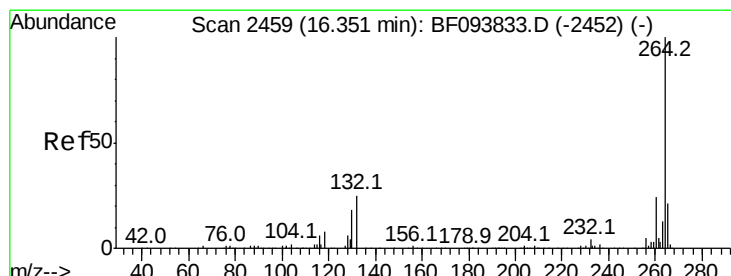
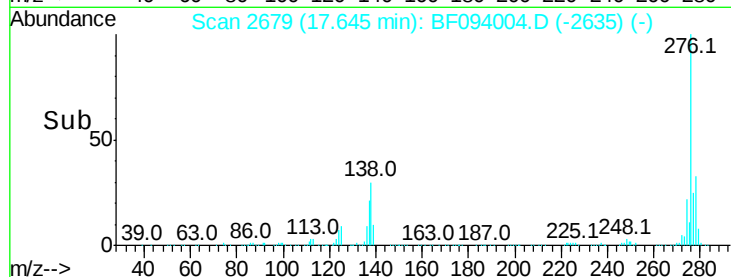
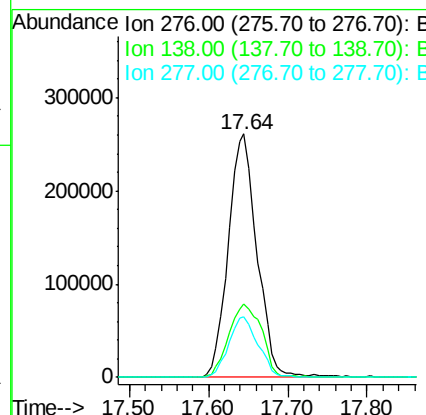
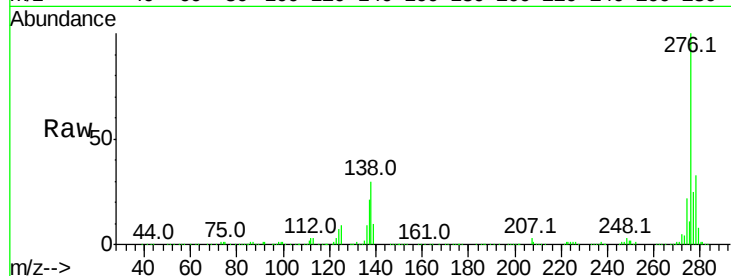




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.71 ng
 RT: 17.64 min Scan# 2679
 Delta R.T. -0.04 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

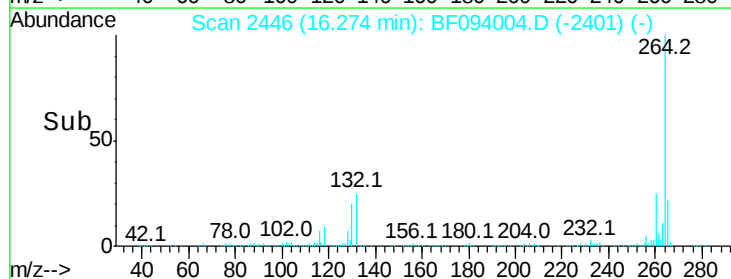
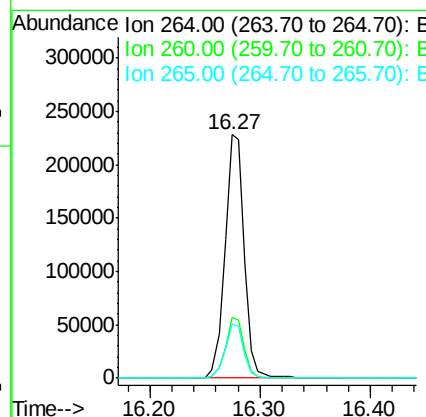
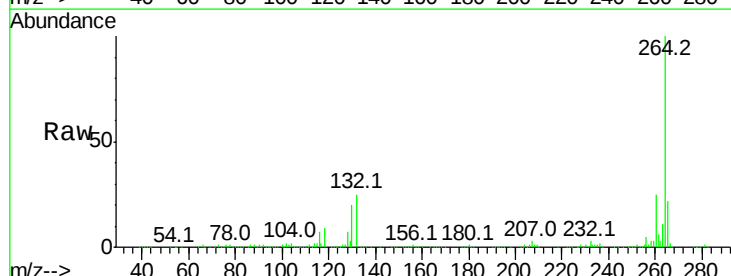
Instrument :
 BNA_F
 ClientSampleId :

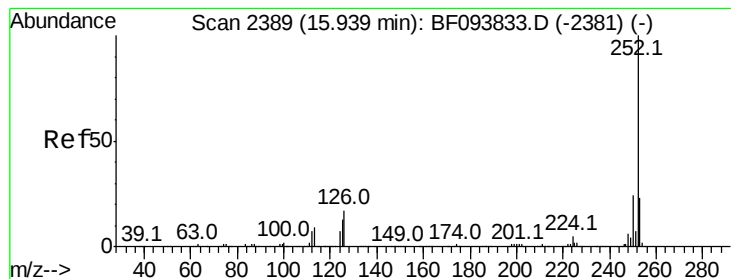
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.46 ng

RT: 15.87 min Scan# 2377

Delta R.T. -0.03 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleId :

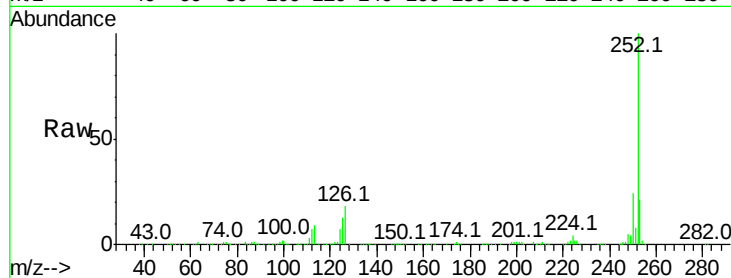
Tot Ion:252 Resp: 716311

Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

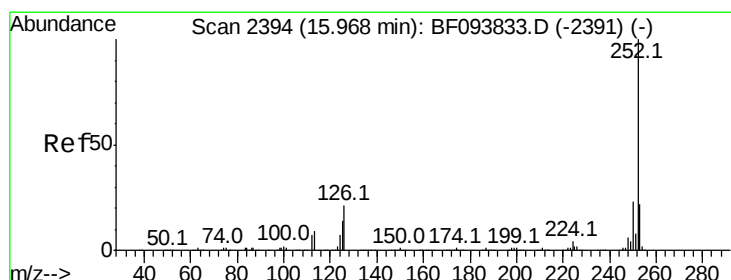
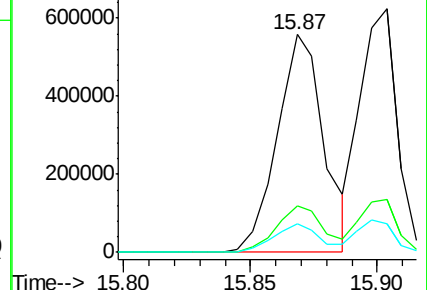
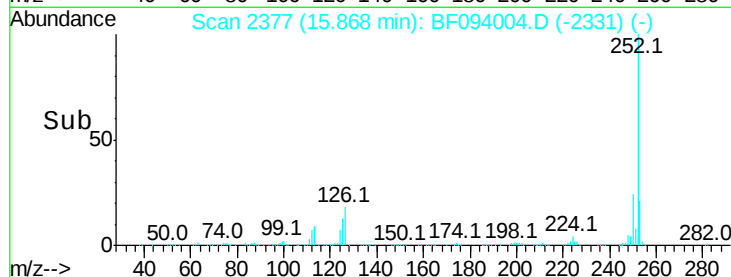
125 13.3 9.8 14.8



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: 43.40 ng

RT: 15.87 min Scan# 2377

Delta R.T. -0.06 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

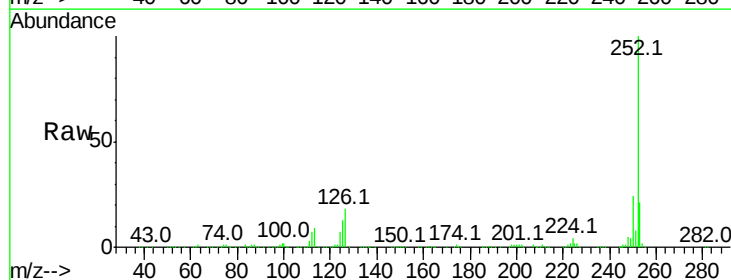
Tgt Ion:252 Resp: 716311

Ion Ratio Lower Upper

252 100

253 21.2 18.4 27.6

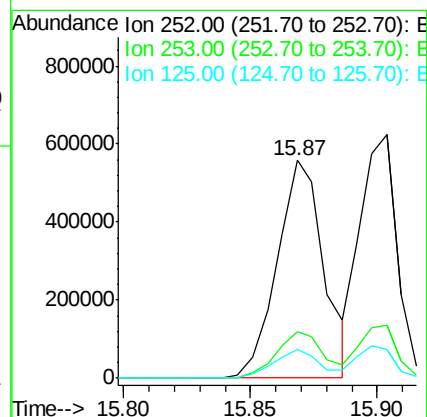
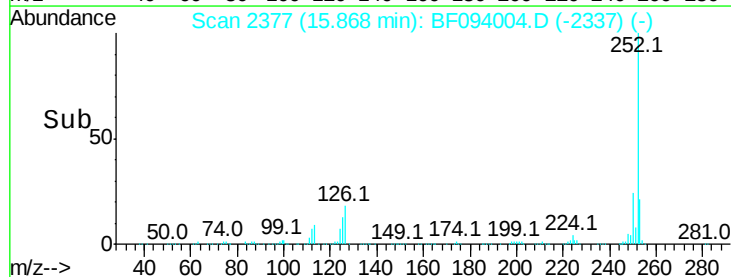
125 13.3 13.1 19.7

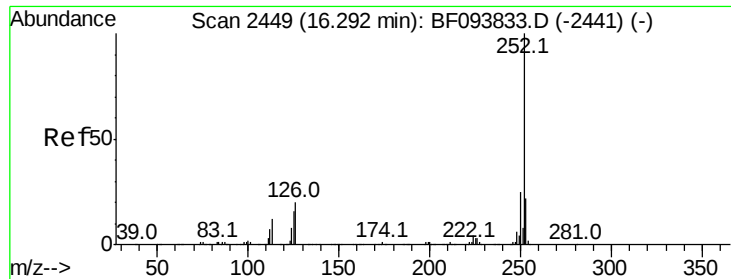


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

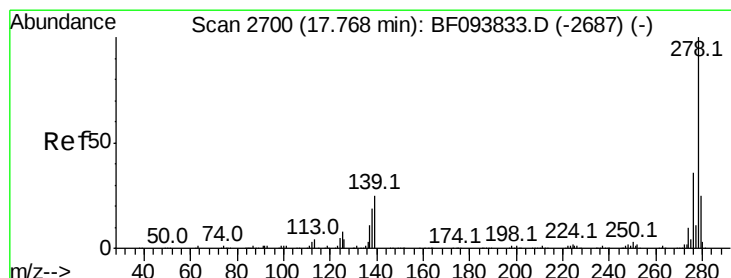
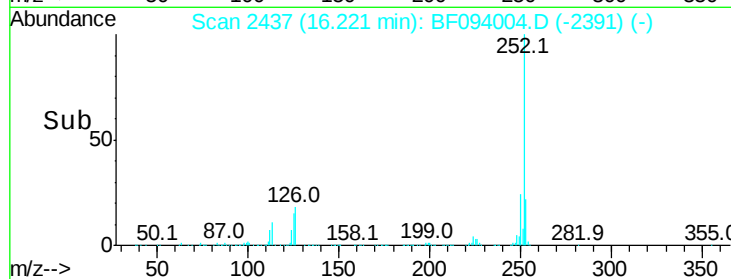
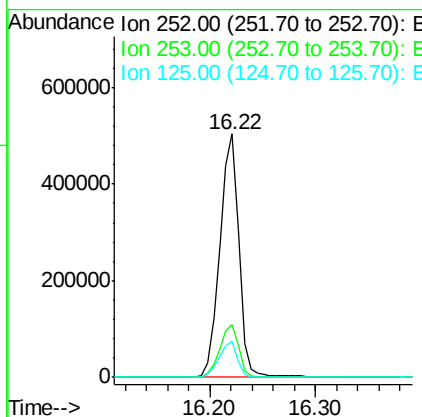
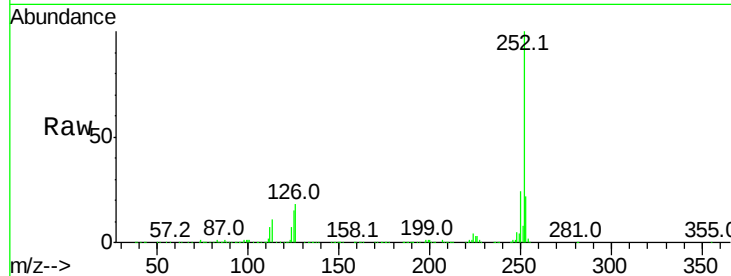




#89
Benzo(a)pyrene
Concen: 41.31 ng
RT: 16.22 min Scan# 2437
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

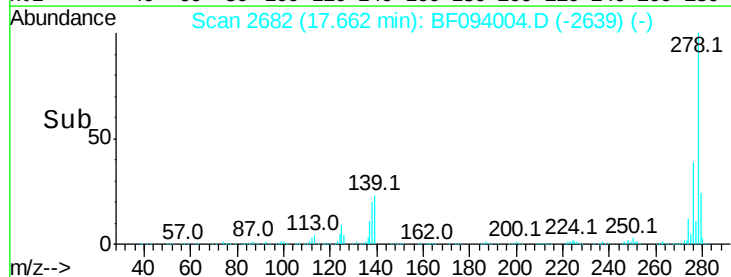
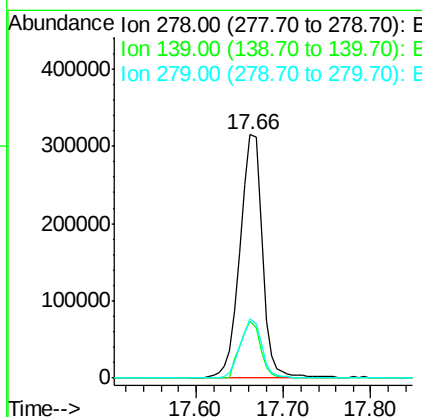
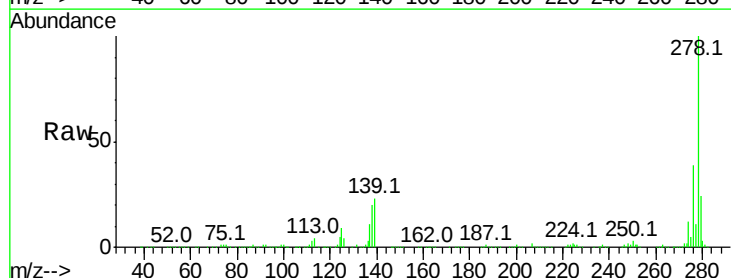
Instrument :
BNA_F
ClientSampleId :

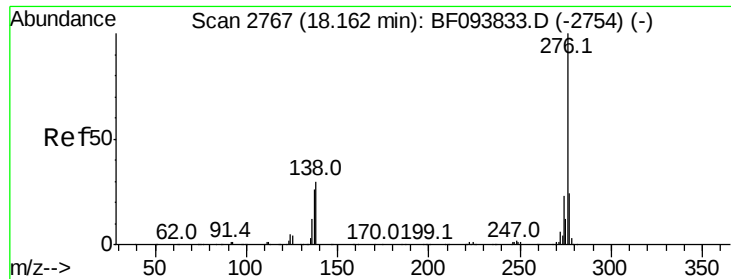
Tot Ion:252 Resp: 641758
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 14.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 41.35 ng
RT: 17.66 min Scan# 2682
Delta R.T. -0.05 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion:278 Resp: 543951
Ion Ratio Lower Upper
278 100
139 23.2 16.6 24.8
279 24.3 19.3 28.9

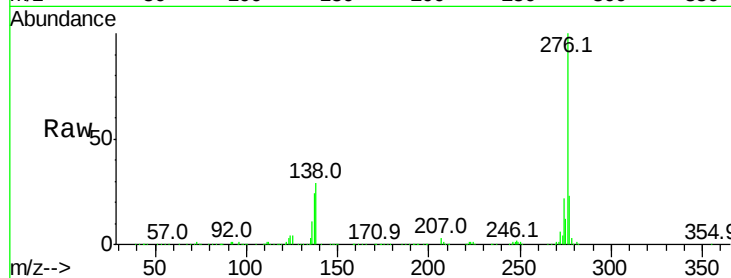




#91
 Benzo(a,h,i)perylene
 Concen: 39.77 ng
 RT: 18.04 min Scan# 2747
 Delta R.T. -0.05 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	28.9	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

