

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 :
 PB97860BSD

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

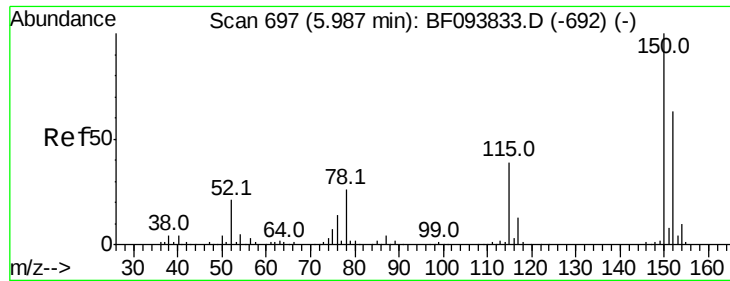
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	265445	43.21	nq	99
43) 2,4,5-Trichlorophenol	8.71	196	266607	40.11	nq	93
45) 1,1'-Biphenyl	8.87	154	992694	38.77	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

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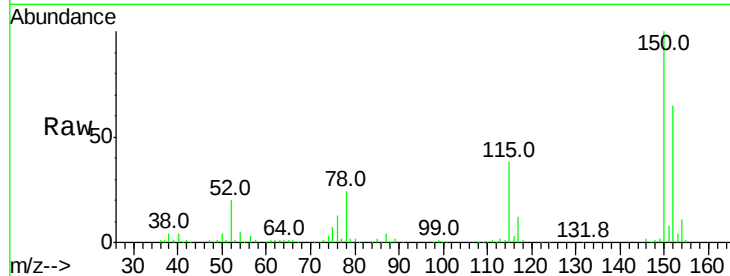
Tot Ion:152 Resp: 163597

Ion Ratio Lower Upper

152 100

150 153.5 126.2 189.2

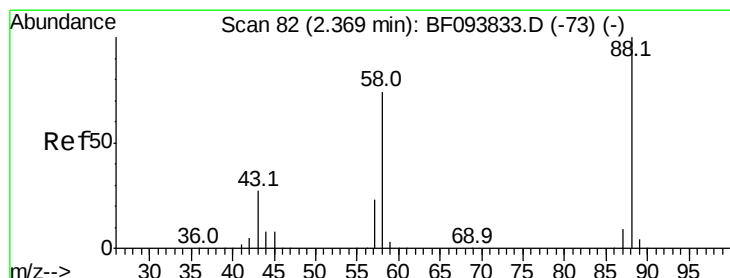
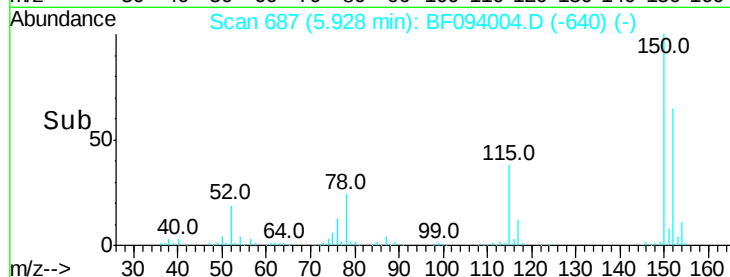
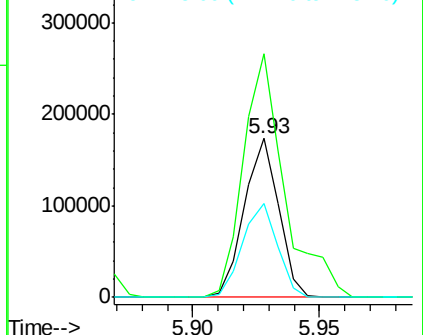
115 59.0 52.2 78.2



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

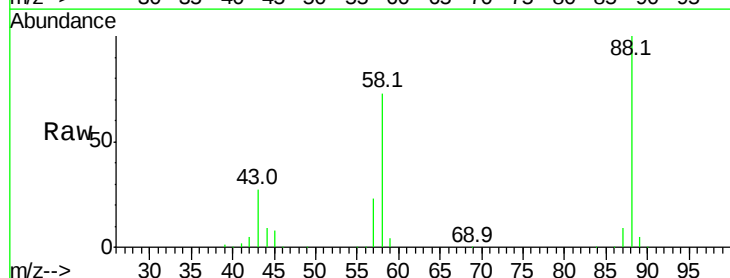
Tgt Ion: 88 Resp: 146574

Ion Ratio Lower Upper

88 100

58 74.2 61.4 92.0

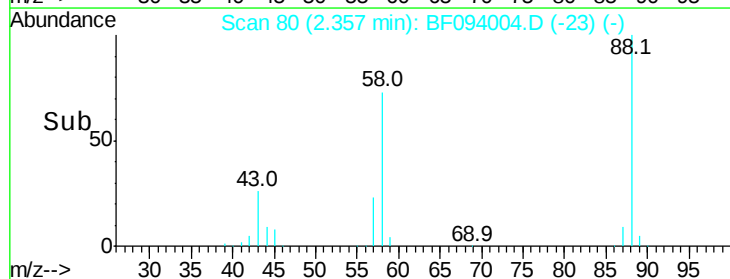
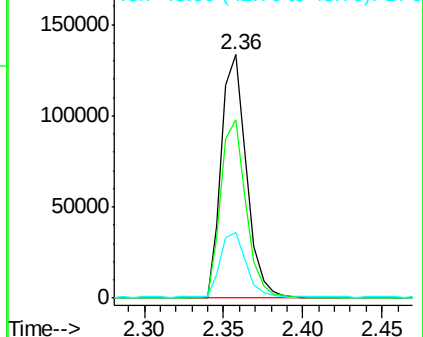
43 27.3 23.4 35.0

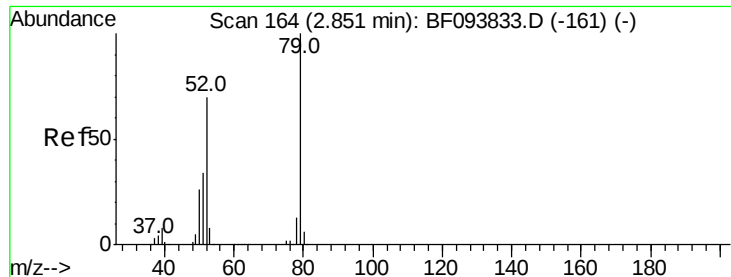


Abundance Ion 88.00 (87.70 to 88.70): BF0

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

ClientSampleId :

PB97860BSD

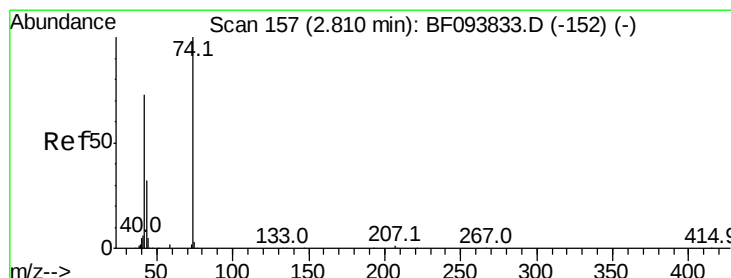
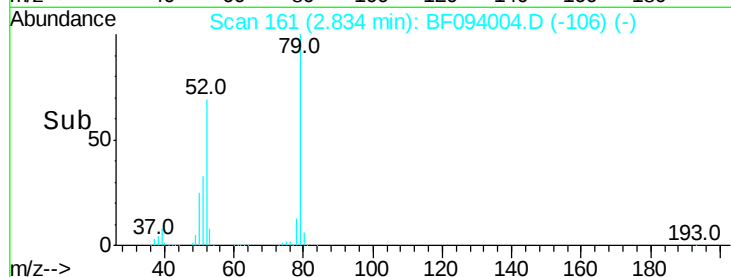
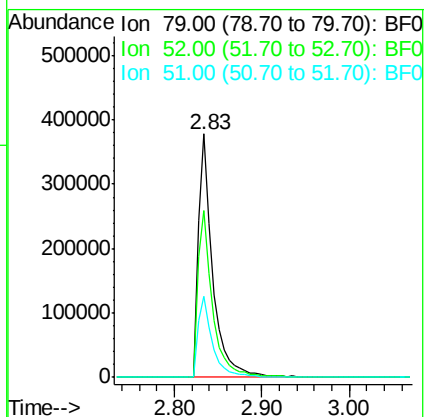
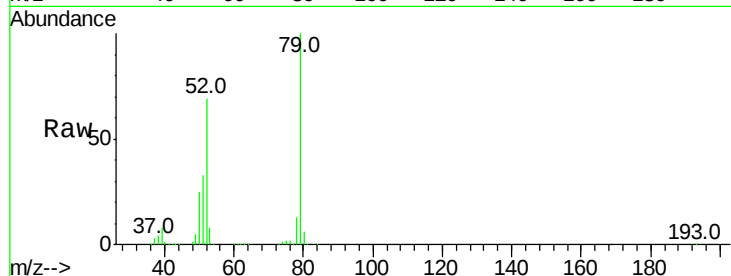
Tot Ion: 79 Resp: 429640

Ion Ratio Lower Upper

79 100

52 68.7 54.8 82.2

51 33.0 27.0 40.4



#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

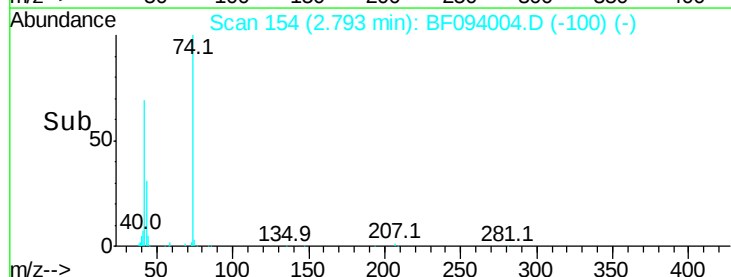
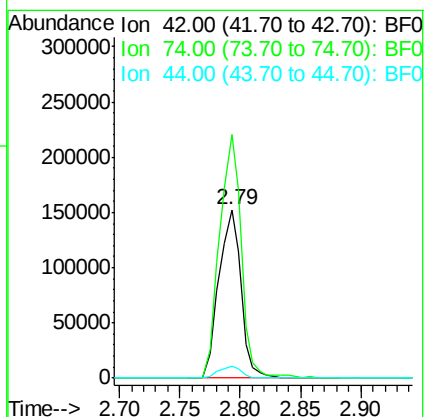
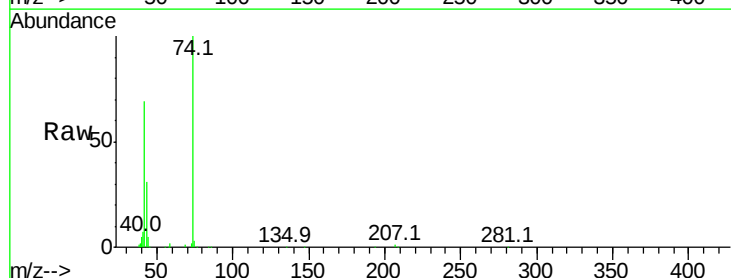
Tgt Ion: 42 Resp: 191848

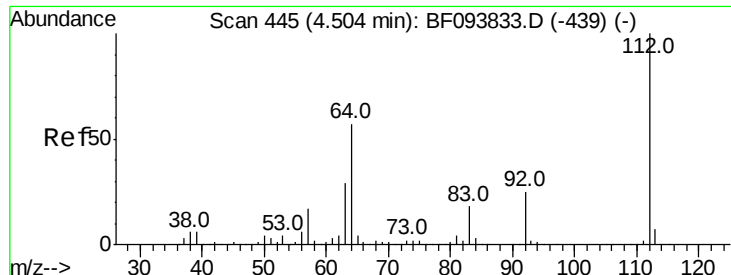
Ion Ratio Lower Upper

42 100

74 144.5 103.9 155.9

44 7.4 5.7 8.5





#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

ClientSampleId :

PB97860BSD

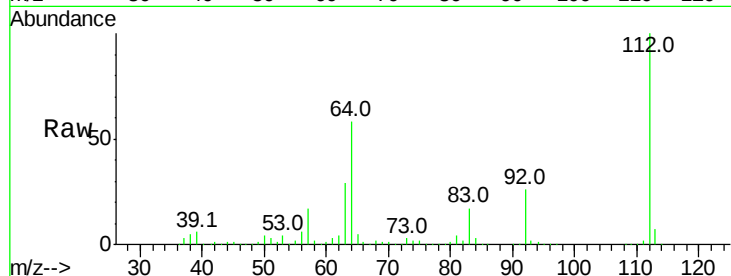
Tot Ion:112 Resp: 792398

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

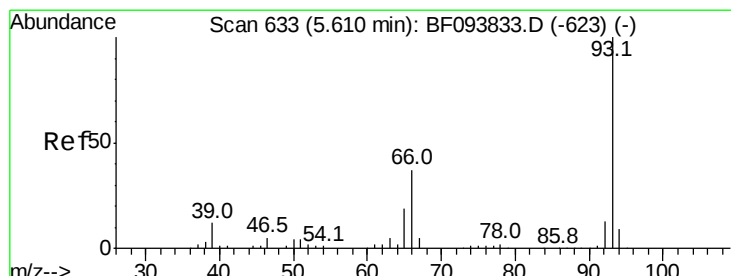
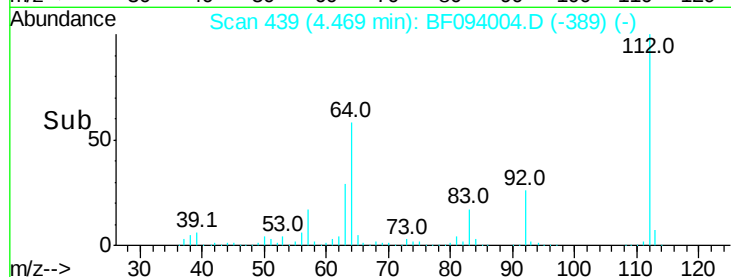
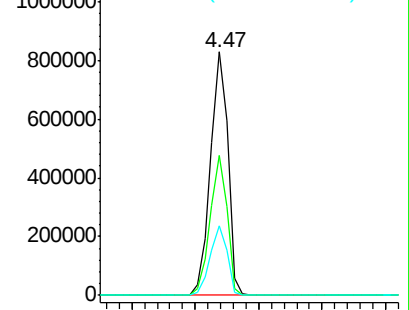
63 28.7 23.4 35.0



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

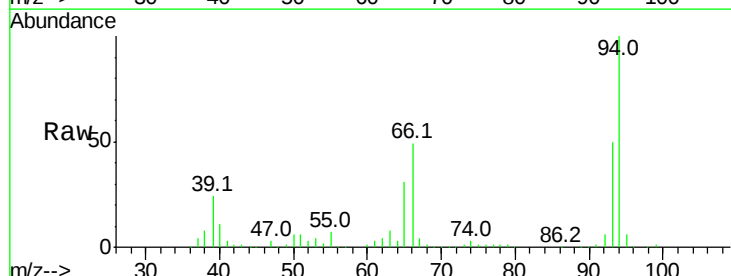
Tgt Ion: 93 Resp: 282102

Ion Ratio Lower Upper

93 100

66 96.8 32.9 49.3#

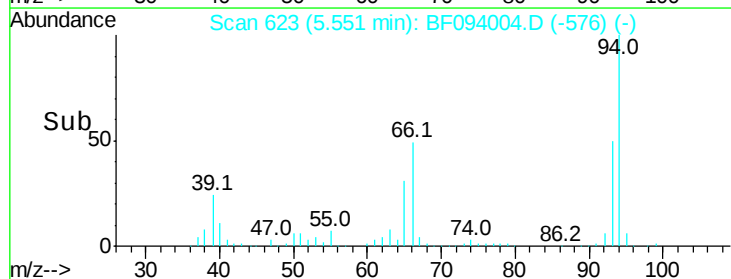
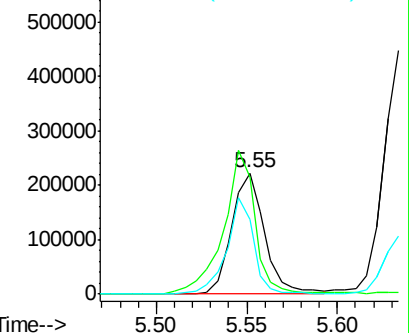
65 61.8 16.0 24.0#

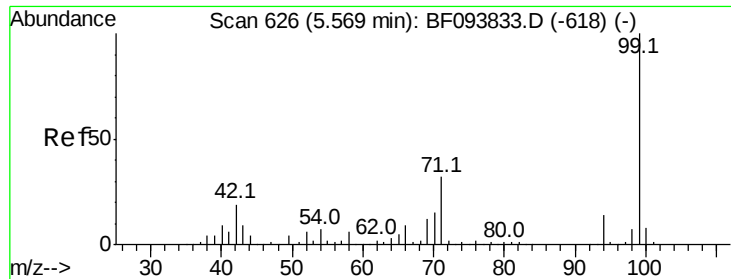


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

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PB97860BSD

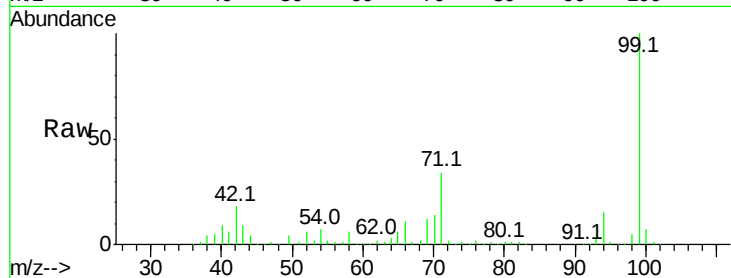
Tot Ion: 99 Resp: 985109

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

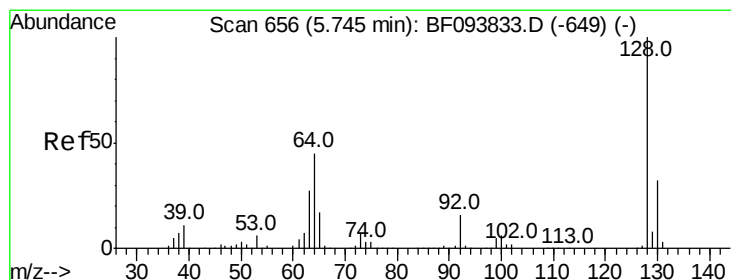
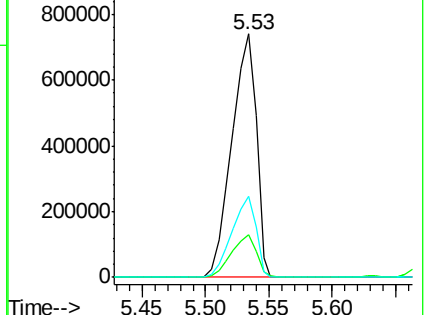
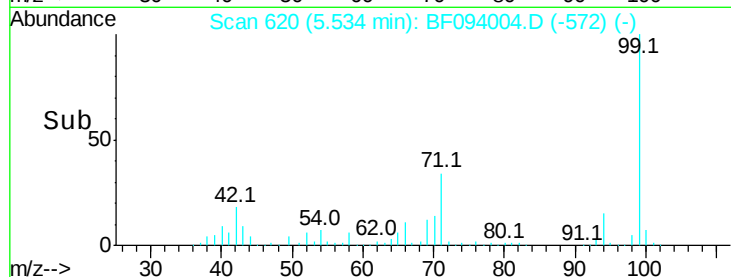
71 33.5 24.5 36.7



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

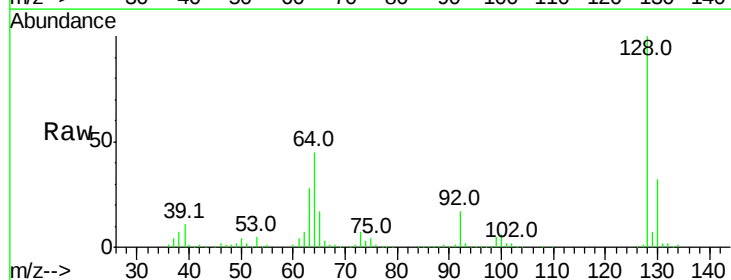
Tgt Ion: 128 Resp: 435452

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

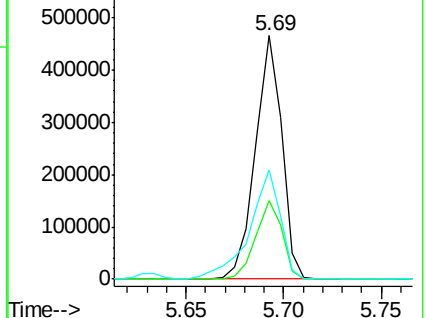
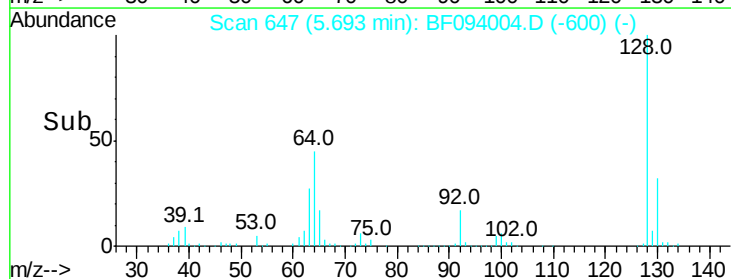
64 44.9 28.4 68.4

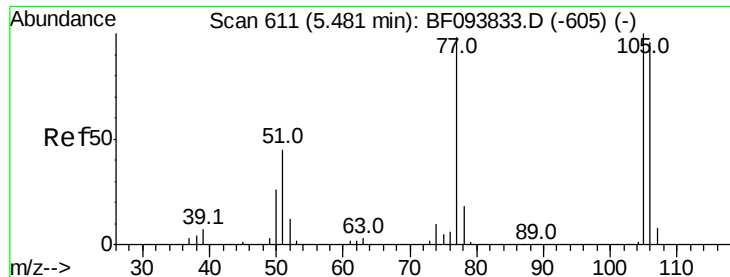


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

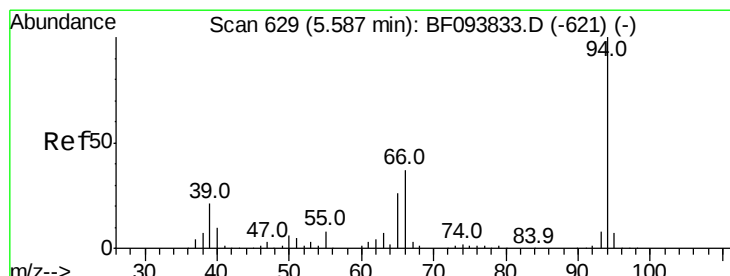
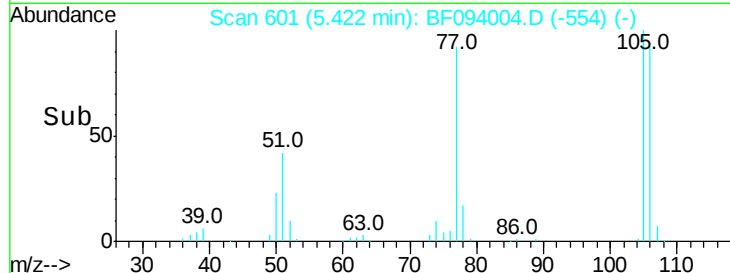
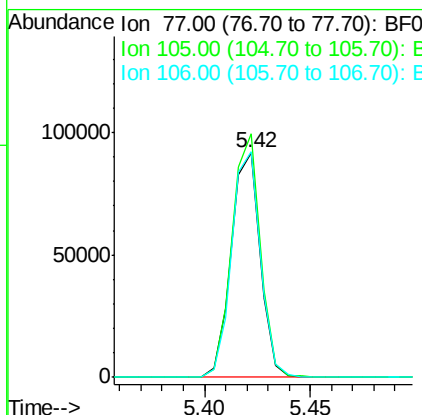
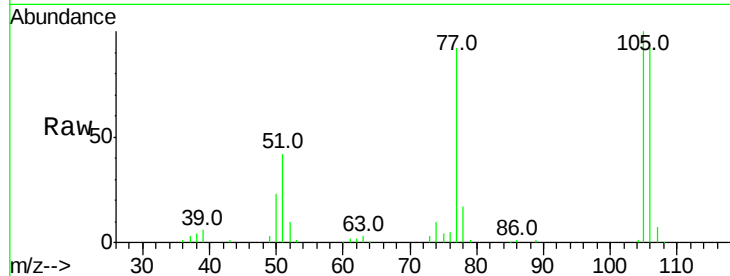




#9
Benzaldehyde
Concen: 10.67 ng
RT: 5.42 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

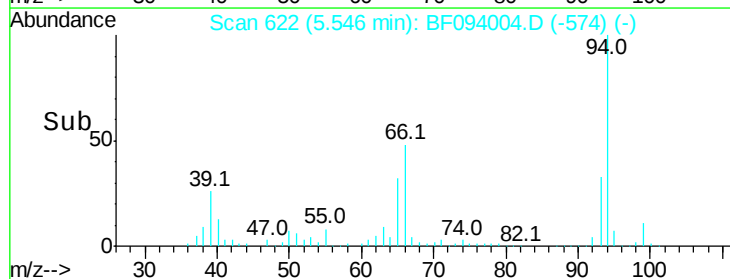
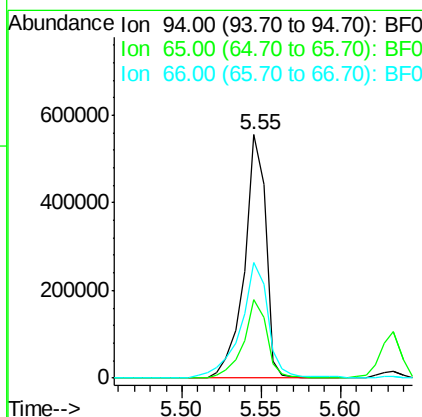
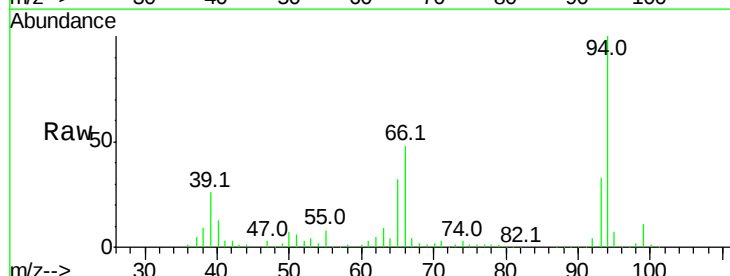
Instrument :
BNA_F
ClientSampleID :
PB97860BSD

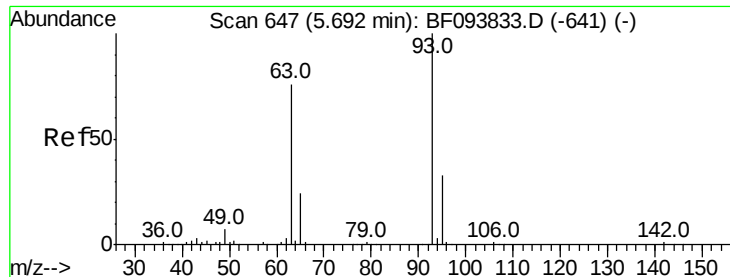
Tot Ion: 77 Resp: 86306
Ion Ratio Lower Upper
77 100
105 108.2 83.8 123.8
106 100.1 79.1 119.1



#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 :

PB97860BSD

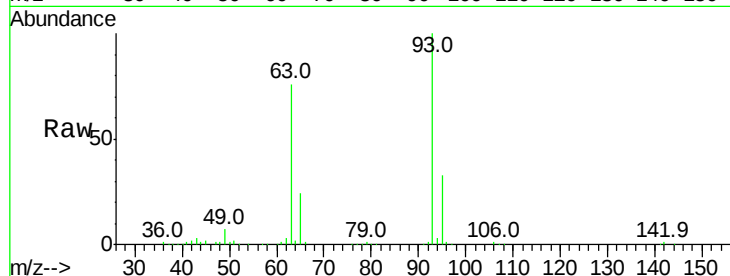
Tot Ion: 93 Resp: 402472

Ion Ratio Lower Upper

93 100

63 76.3 59.2 99.2

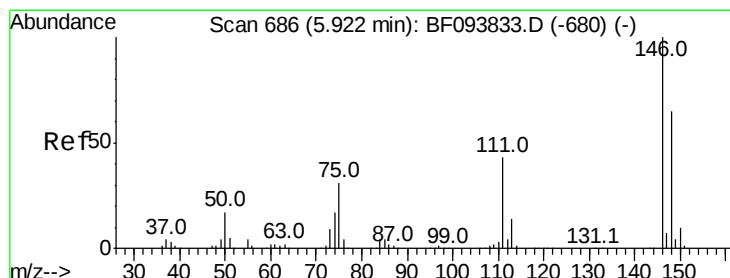
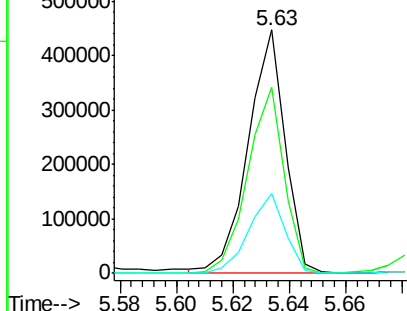
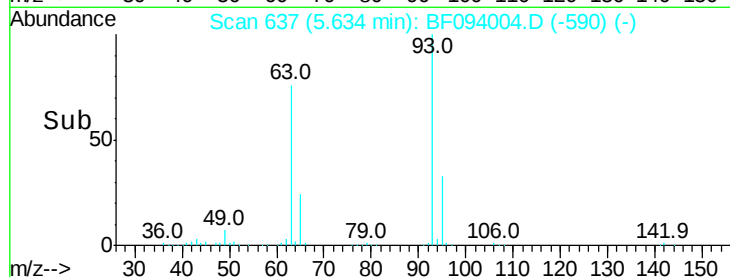
95 32.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 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

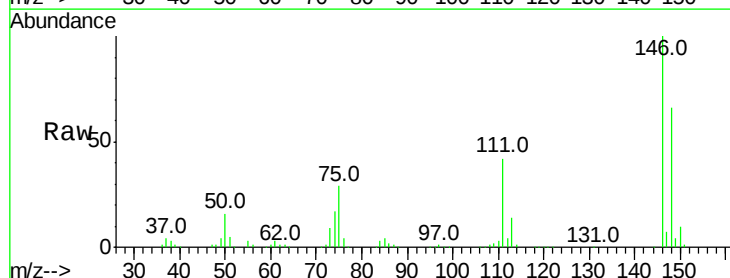
Tgt Ion:146 Resp: 453116

Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.6

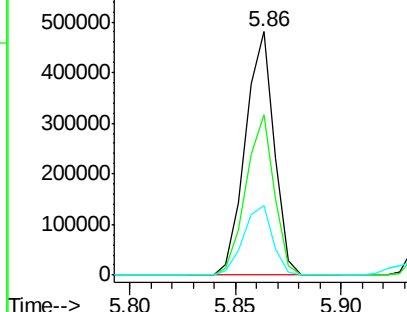
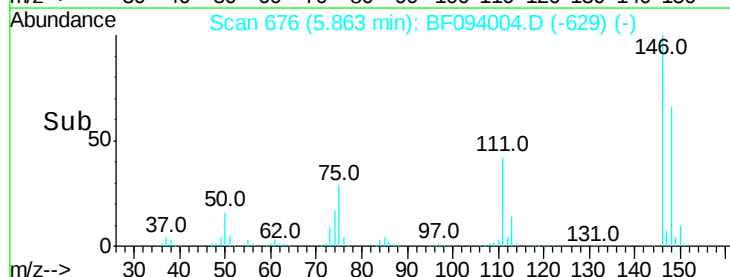
75 28.6 23.1 34.7

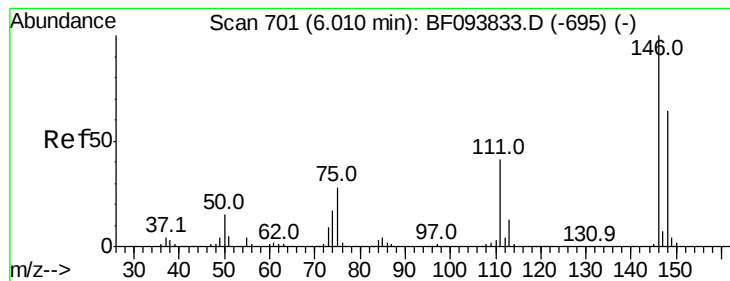


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 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 :

PB97860BSD

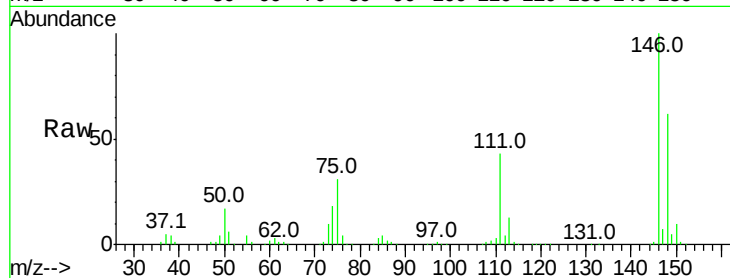
Tot Ion:146 Resp: 459301

Ion Ratio Lower Upper

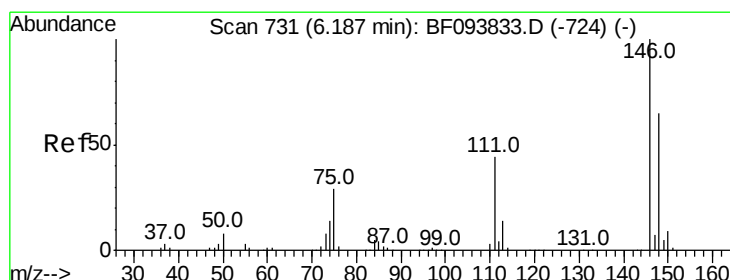
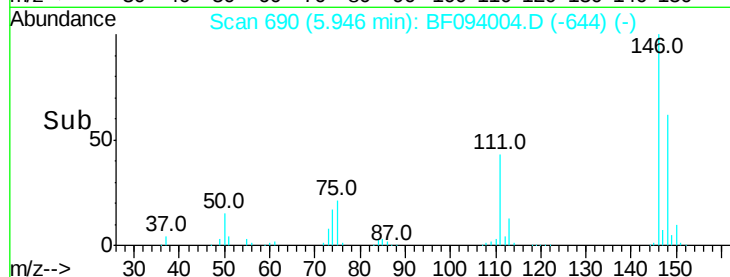
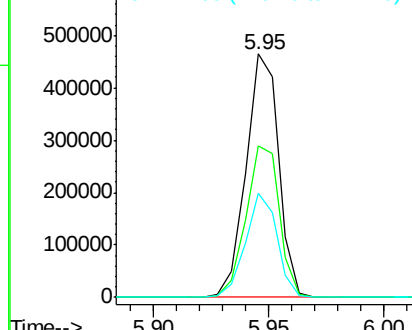
146 100

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

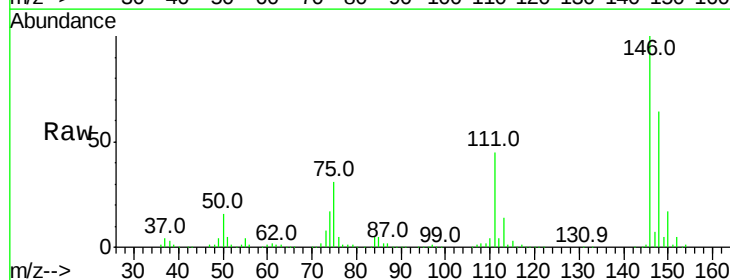
Tgt Ion:146 Resp: 429517

Ion Ratio Lower Upper

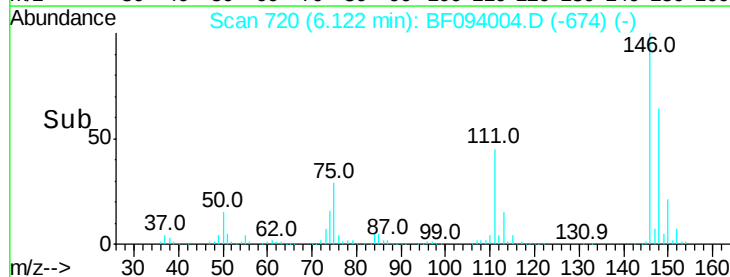
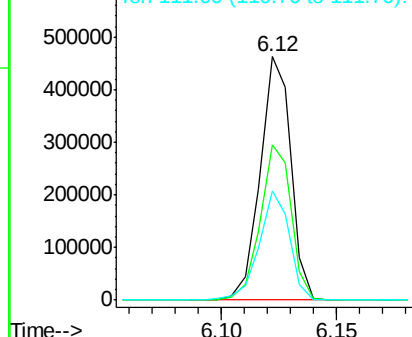
146 100

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 :

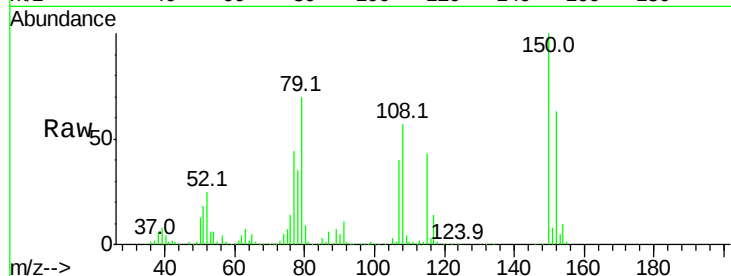
BNA_F

ClientSampleId :

PB97860BSD

Tot Ion: 79 Resp: 350557

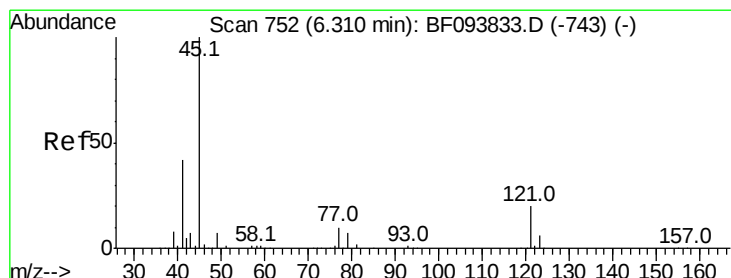
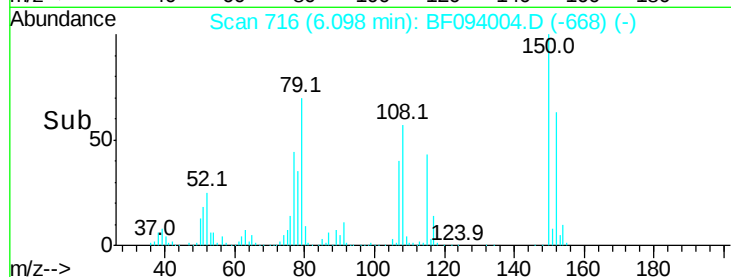
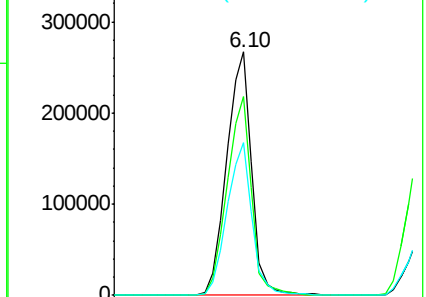
Ion	Ratio	Lower	Upper
79	100		
108	81.9	63.4	95.0
77	62.6	49.2	73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.18 ng

RT: 6.26 min Scan# 743

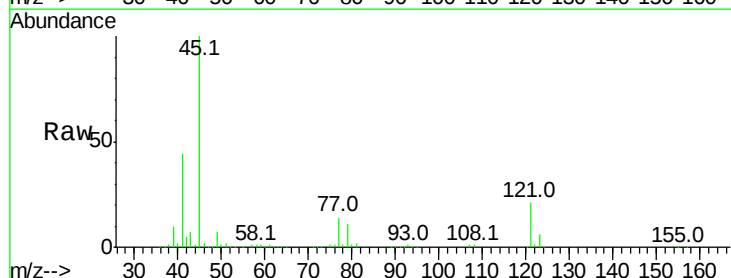
Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion: 45 Resp: 561273

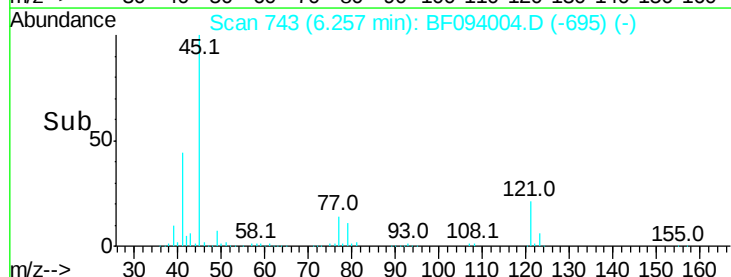
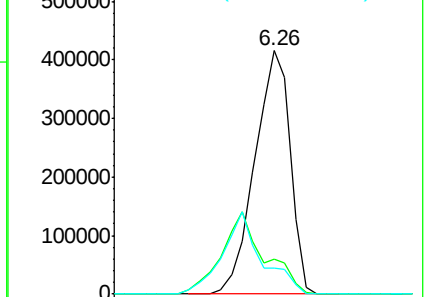
Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.2
79	10.9	0.0	30.0

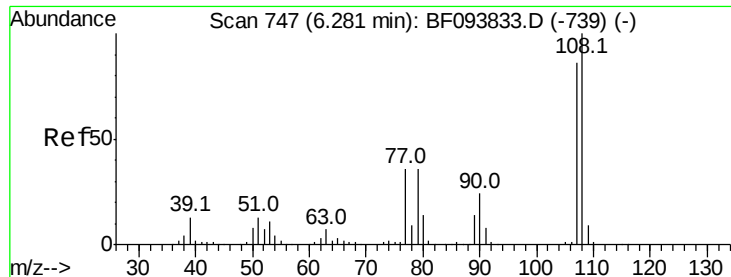


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

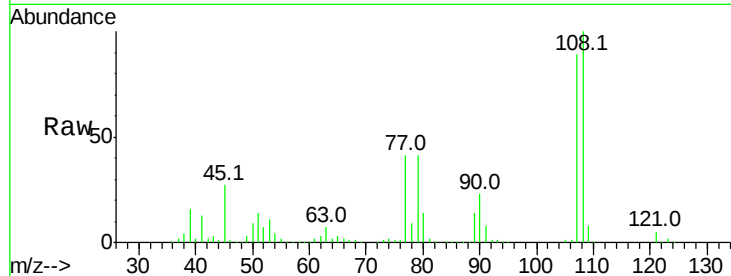




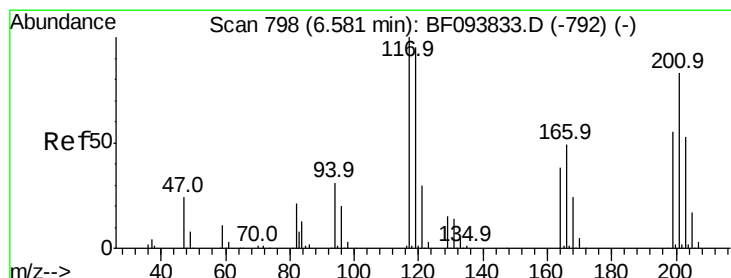
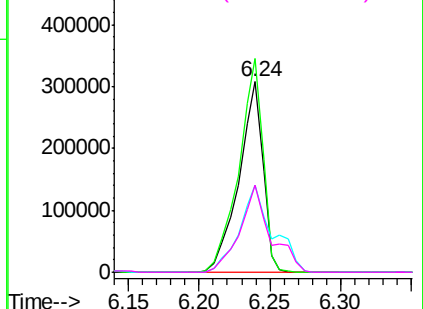
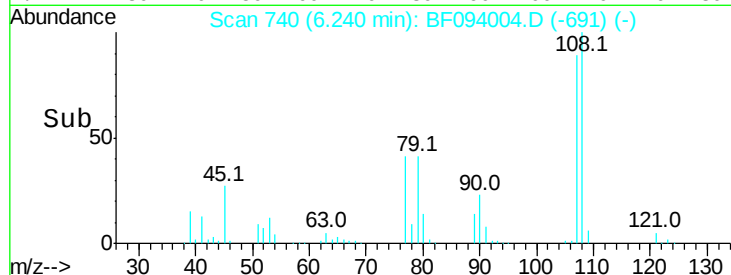
#17
2-Methylphenol
Concen: 40.04 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

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

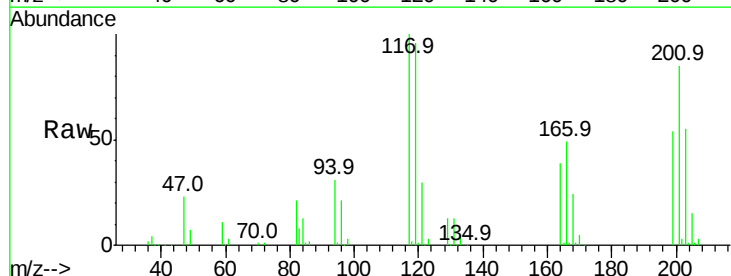


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

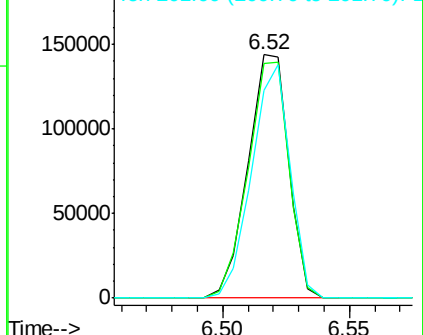
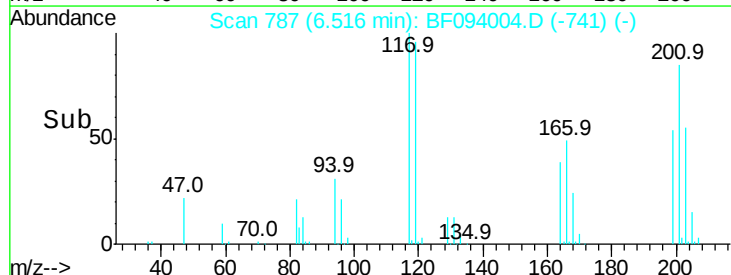


#18
Hexachloroethane
Concen: 37.95 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

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

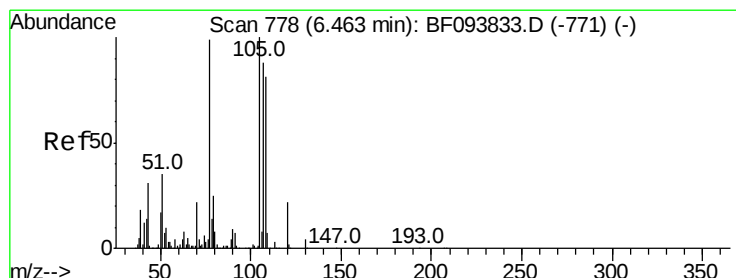
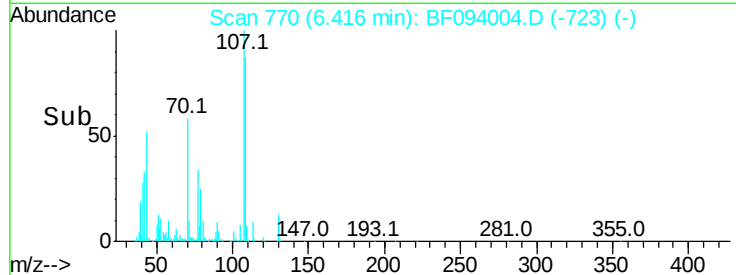
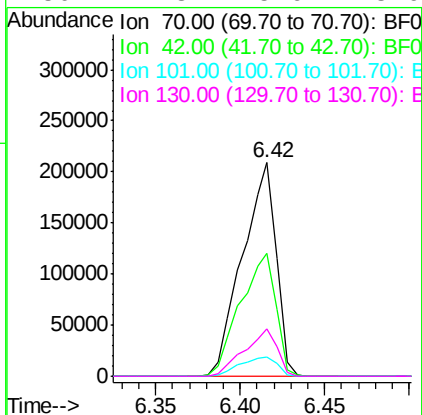
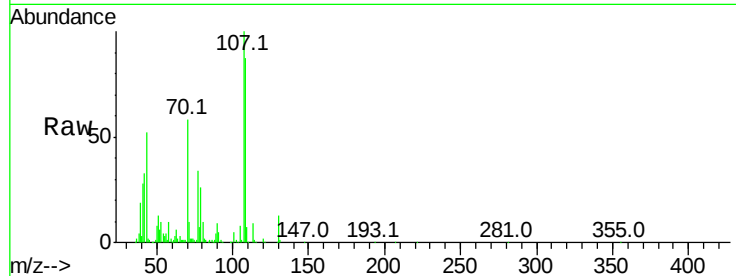




#19
n-Nitroso-di-n-propylamine
Concen: 37.90 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

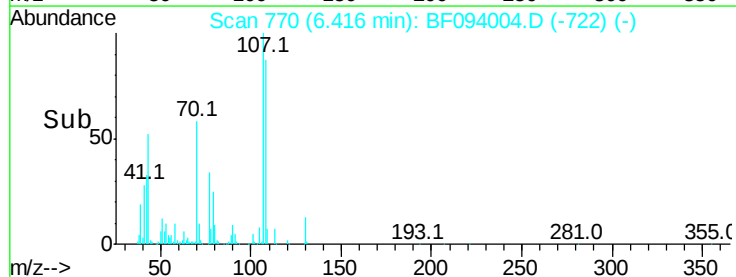
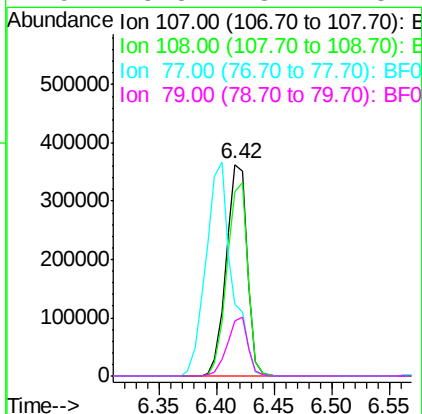
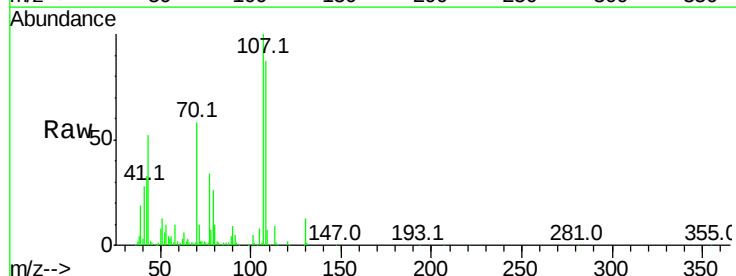
Instrument :
BNA_F
ClientSampleId :
PB97860BSD

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

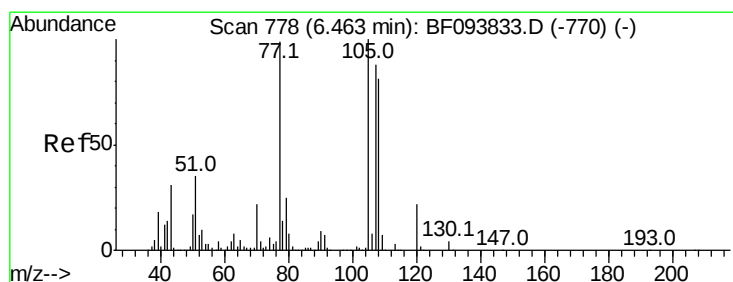
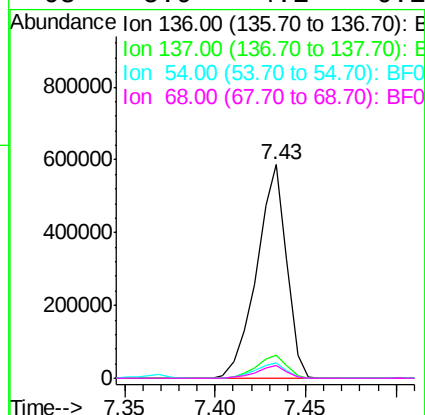
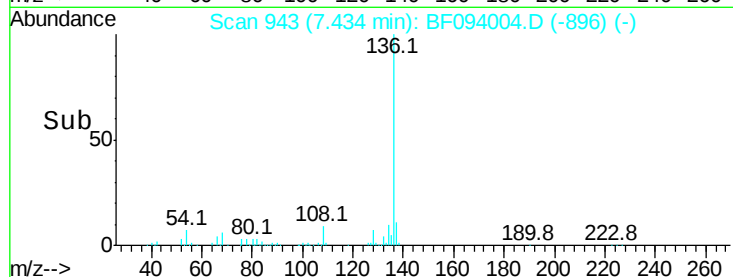
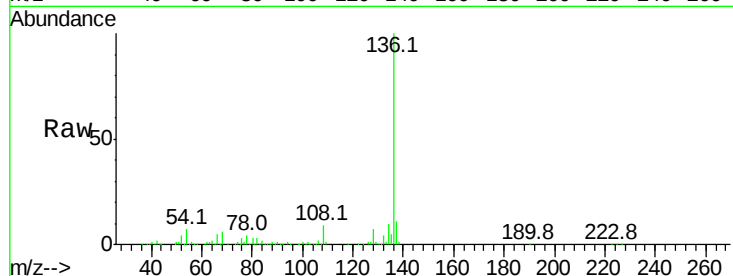




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

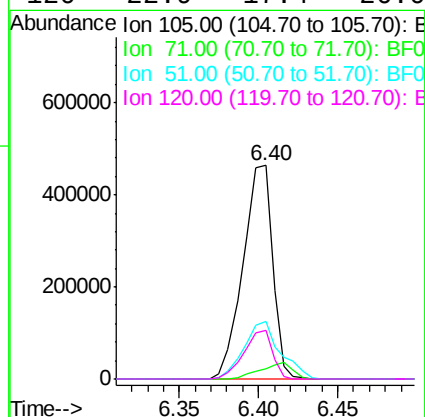
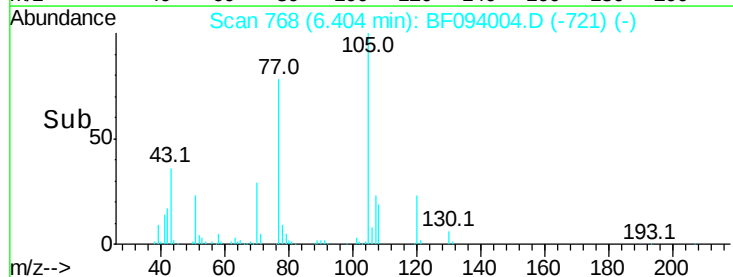
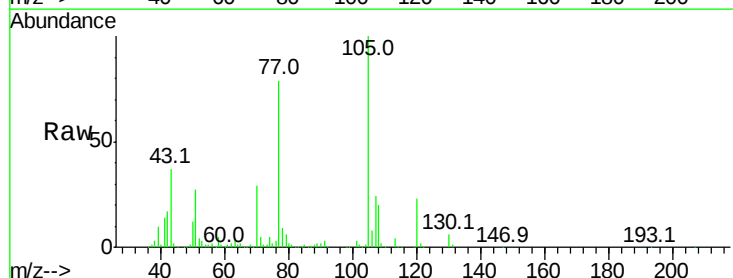
Instrument :
BNA_F
ClientSampleId :
PB97860BSD

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



#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

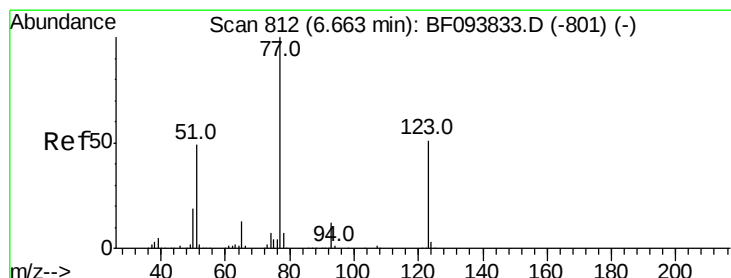
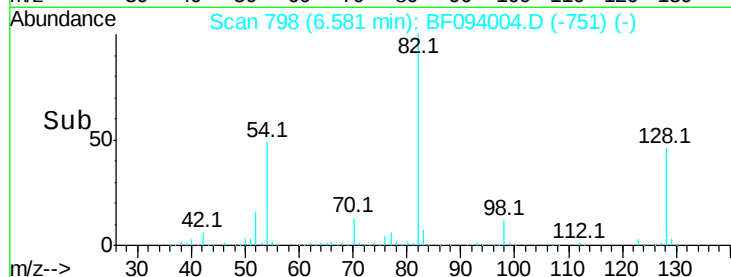
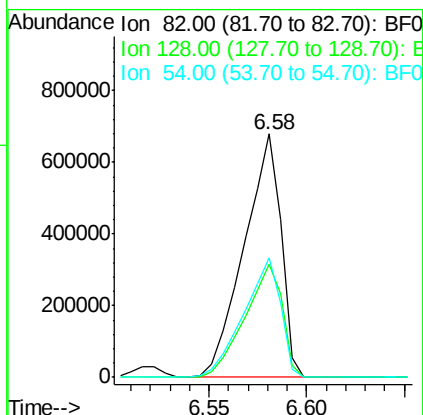
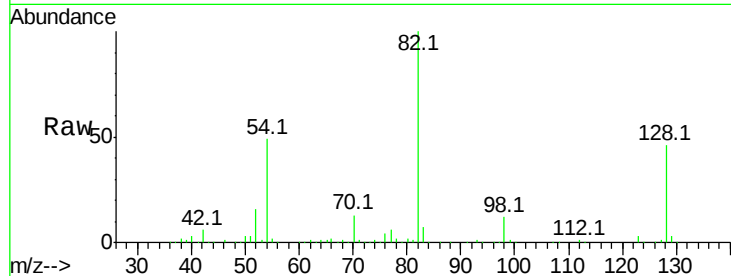




#23
 Nitrobenzene-d5
 Concen: 75.88 ng
 RT: 6.58 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

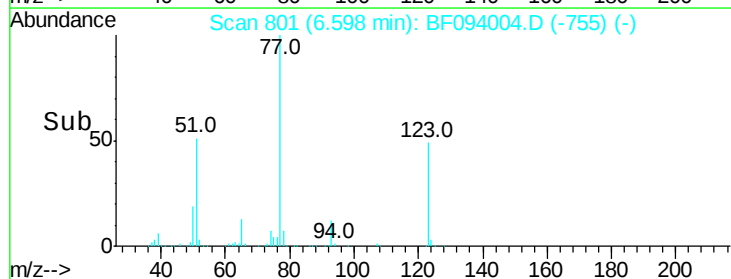
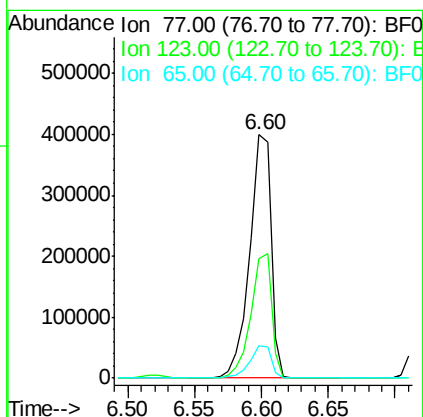
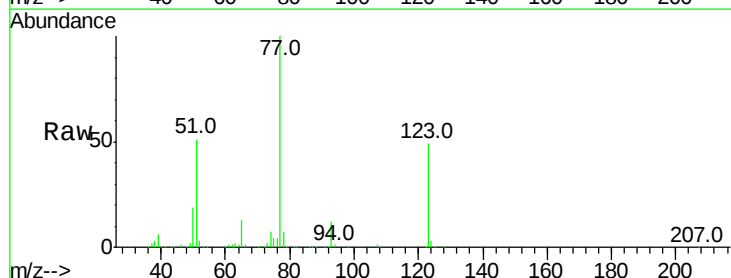
Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

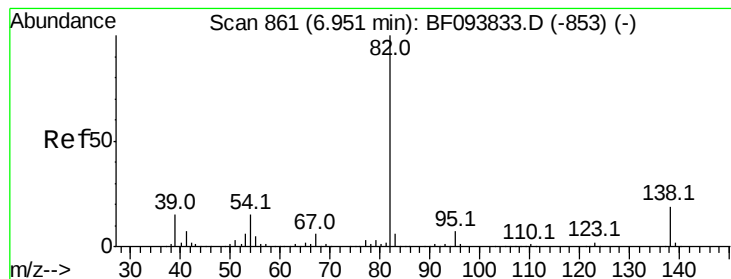
Tot Ion: 82 Resp: 889456
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 49.0 42.2 63.2



#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 :

PB97860BSD

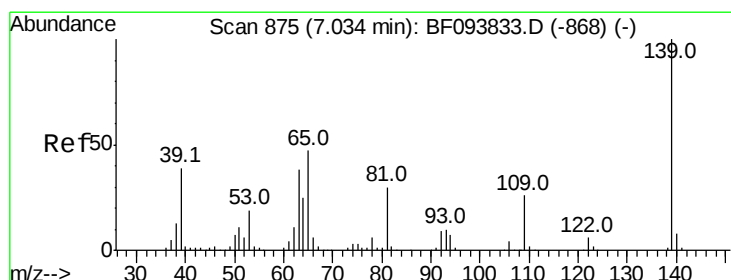
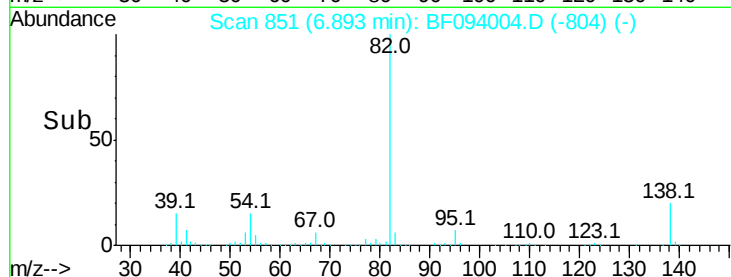
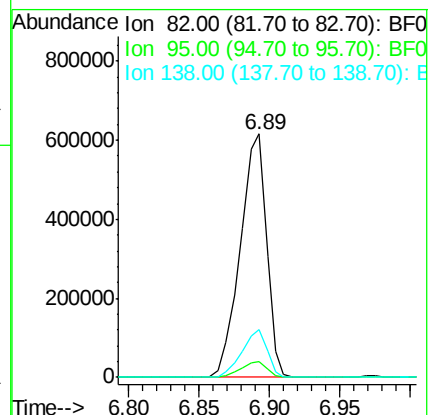
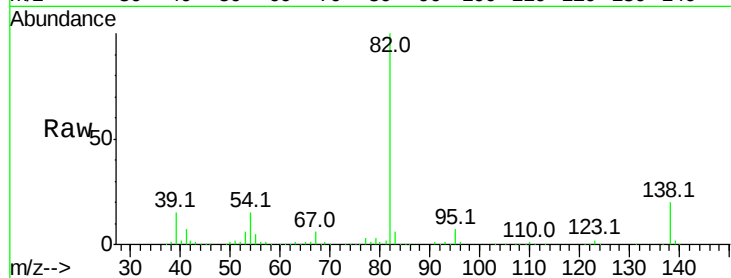
Tot Ion: 82 Resp: 803258

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.6 13.1 19.7



#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

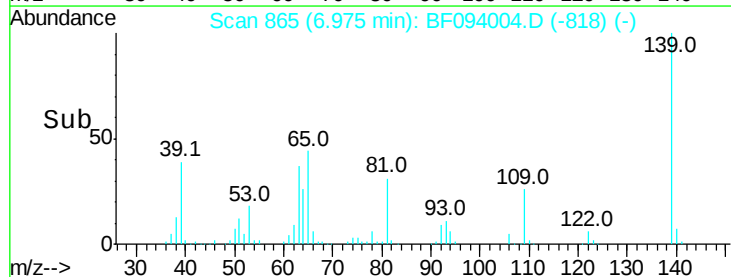
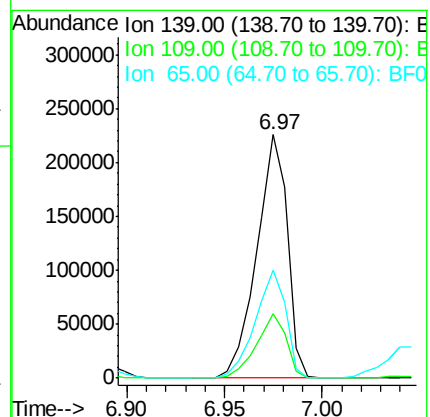
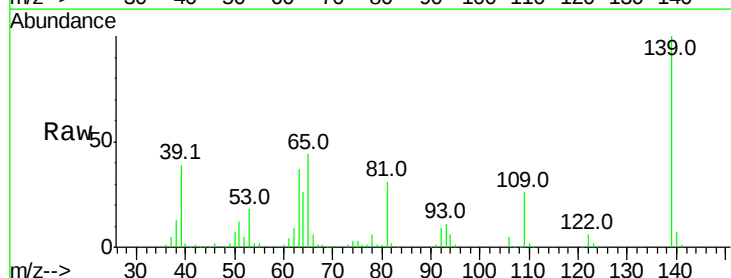
Tgt Ion: 139 Resp: 244521

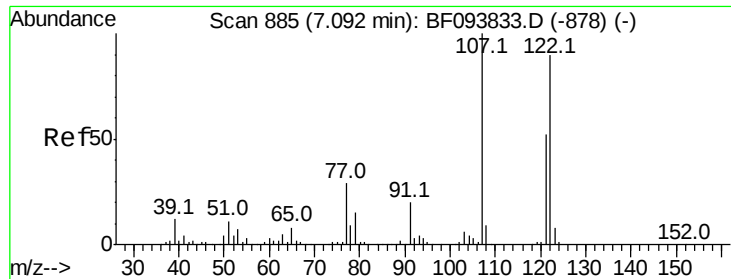
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

65 44.4 33.0 49.6

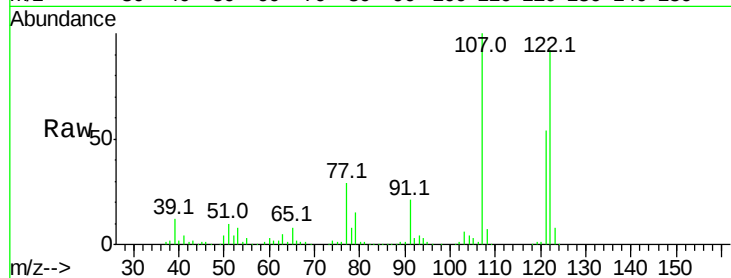




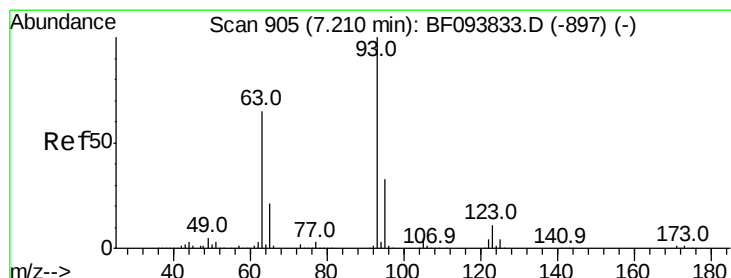
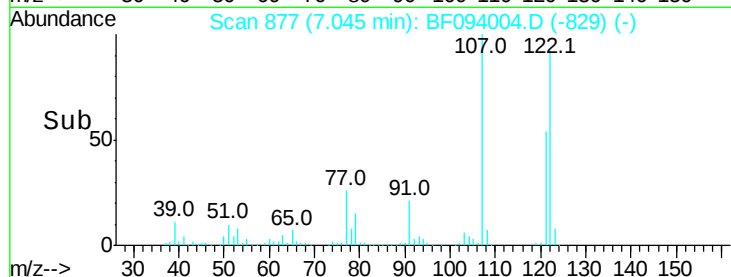
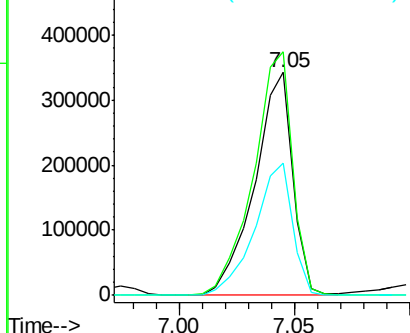
#27
2,4-Dimethylphenol
Concen: 41.69 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

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

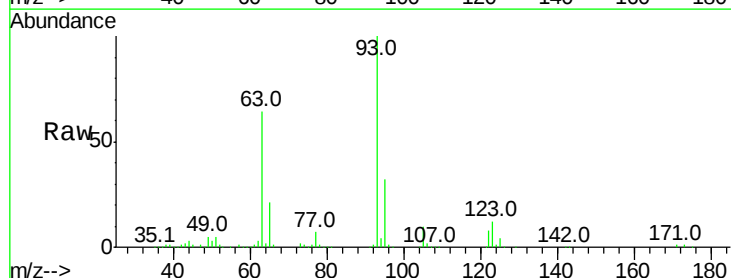


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

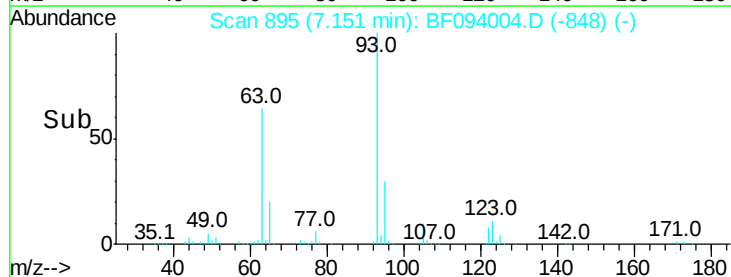
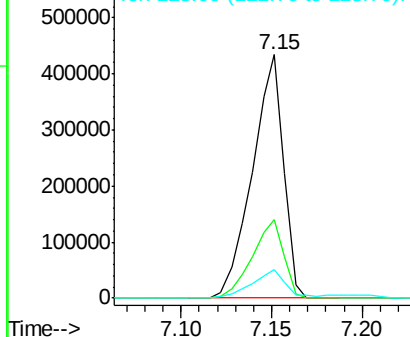


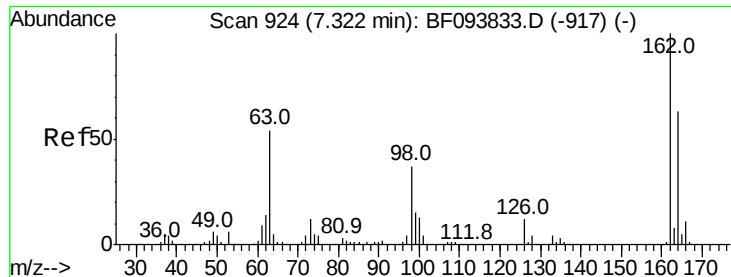
#28
bis(2-Chloroethoxy)methane
Concen: 38.04 ng
RT: 7.15 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	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

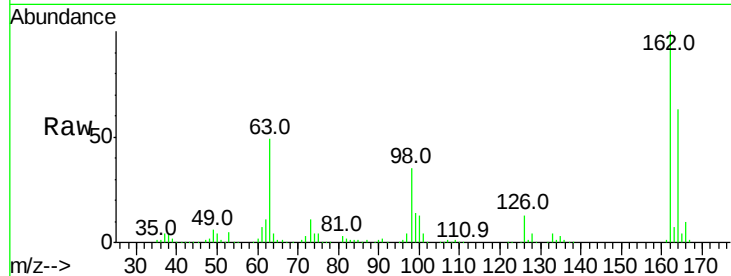




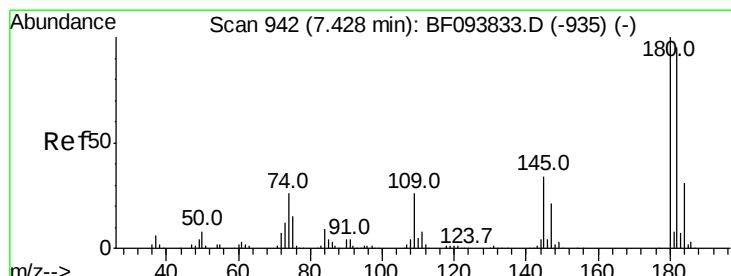
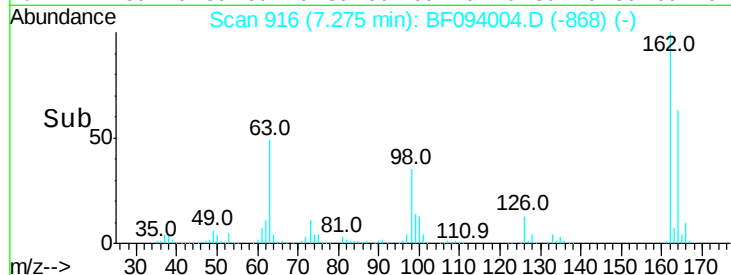
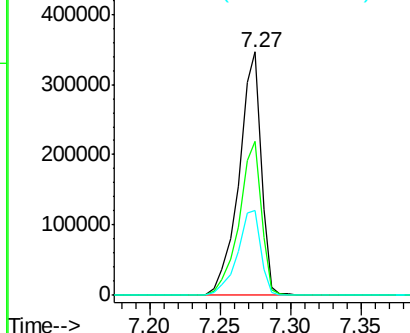
#29
 2,4-Dichlorophenol
 Concen: 42.72 ng
 RT: 7.27 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

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

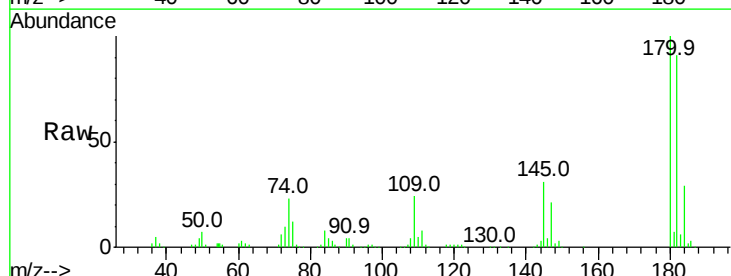


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

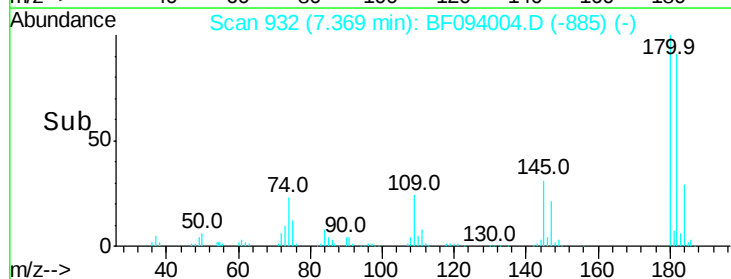
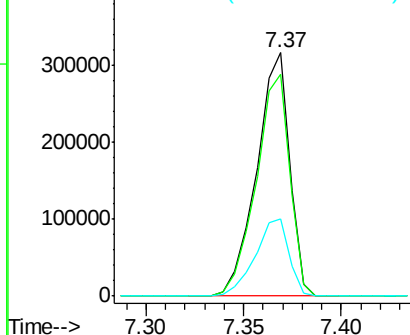


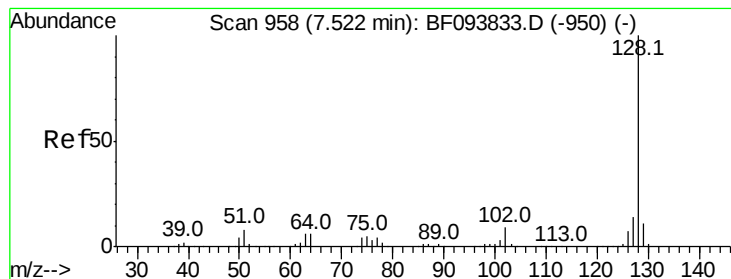
#30
 1,2,4-Trichlorobenzene
 Concen: 40.31 ng
 RT: 7.37 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

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

ClientSampleId :

PB97860BSD

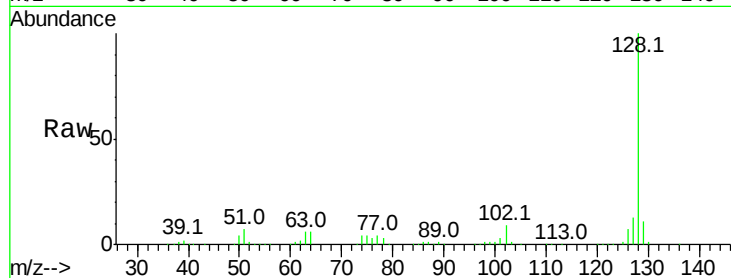
Tot Ion:128 Resp: 1237856

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

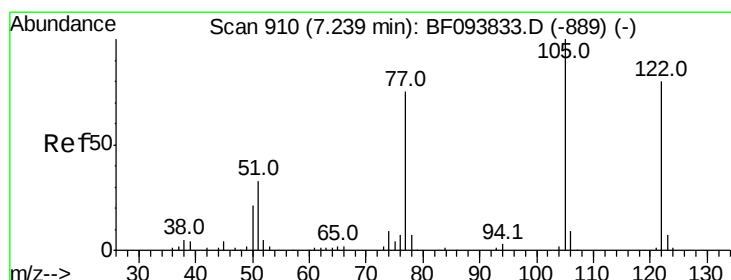
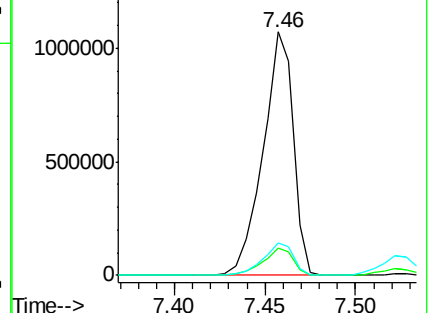
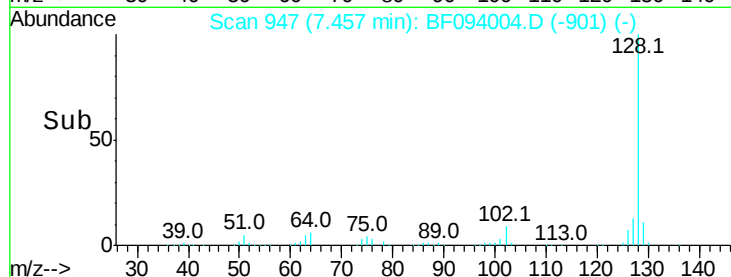
127 13.3 10.8 16.2



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

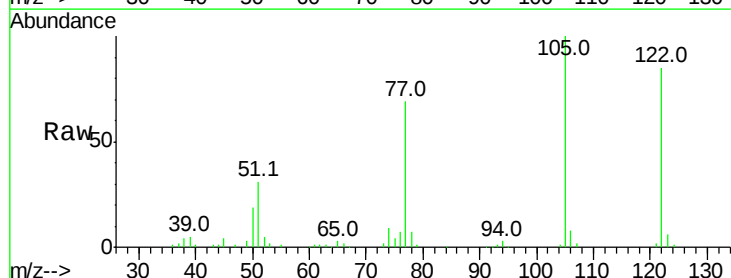
Tgt Ion:122 Resp: 285845

Ion Ratio Lower Upper

122 100

105 117.3 103.3 143.3

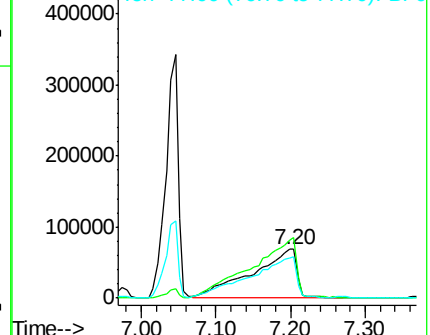
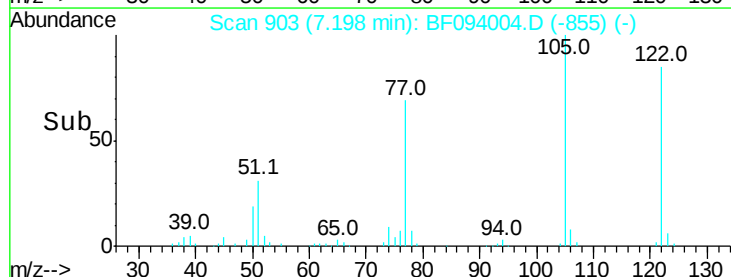
77 80.9 73.7 113.7



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

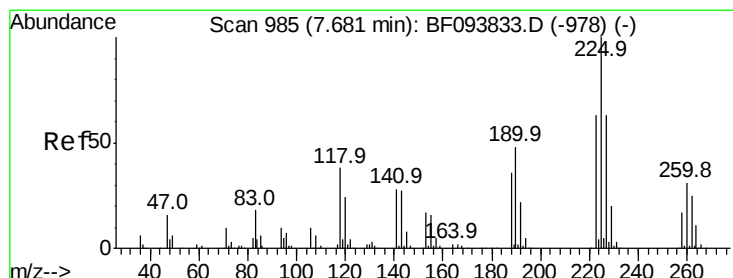
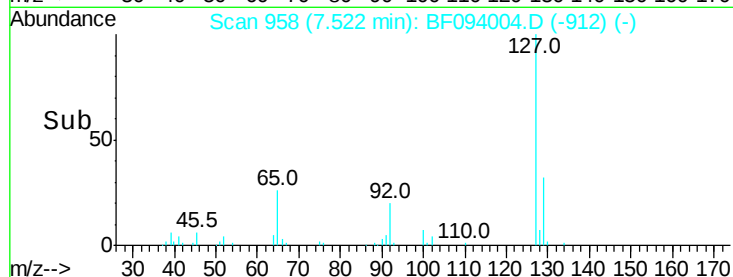
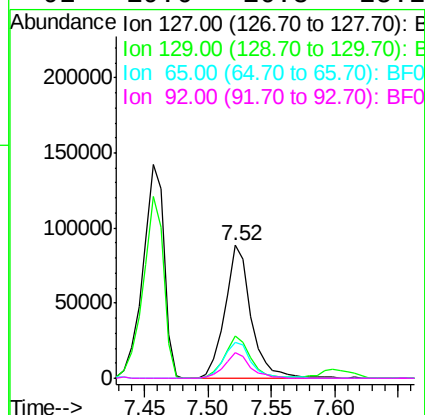
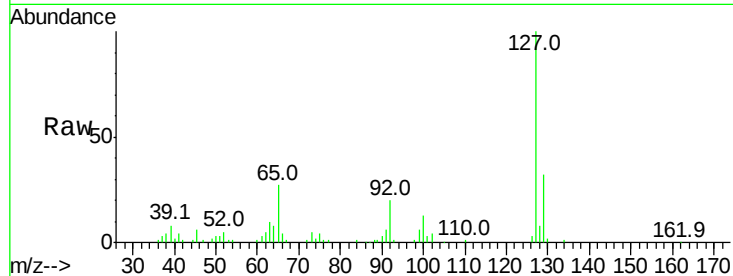




#33
4-Chloroaniline
Concen: 9.72 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

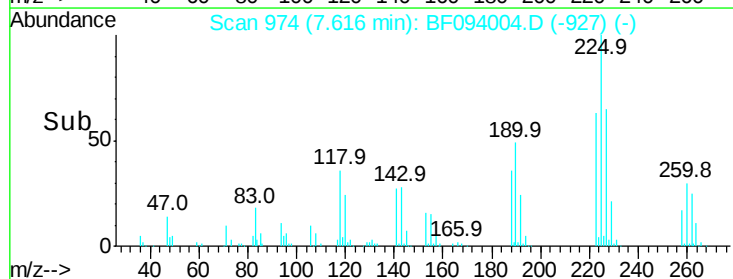
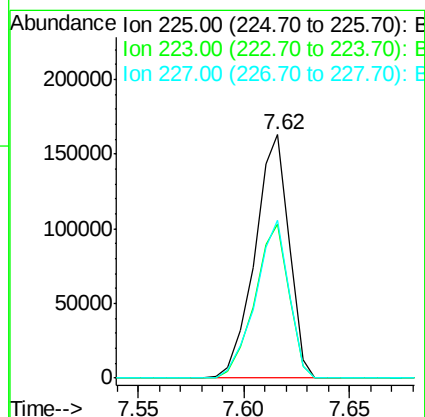
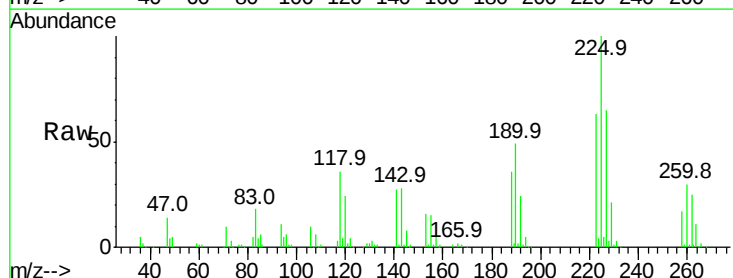
Instrument :
BNA_F
ClientSampleId :
PB97860BSD

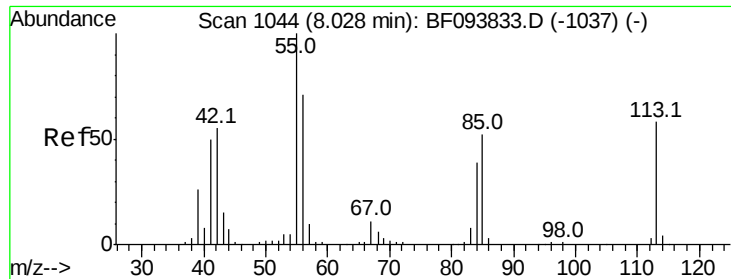
Tot Ion:	127	Resp:	126727
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	26.9	27.8	41.8#
92	19.6	16.8	25.2



#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

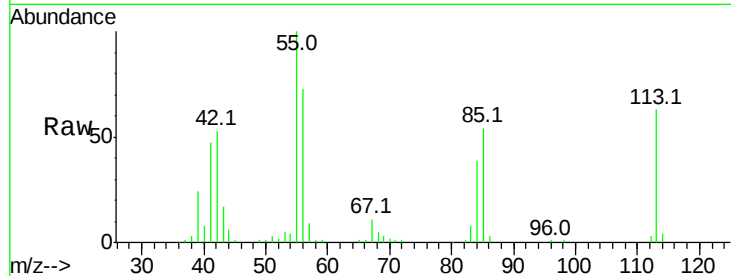




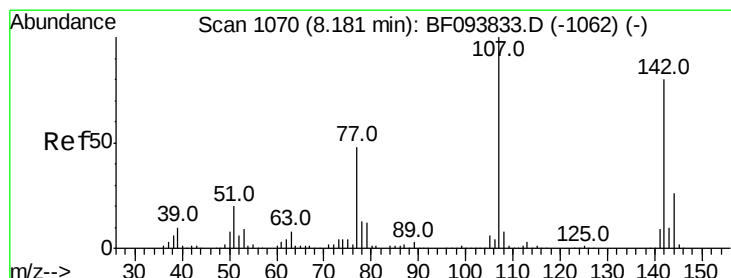
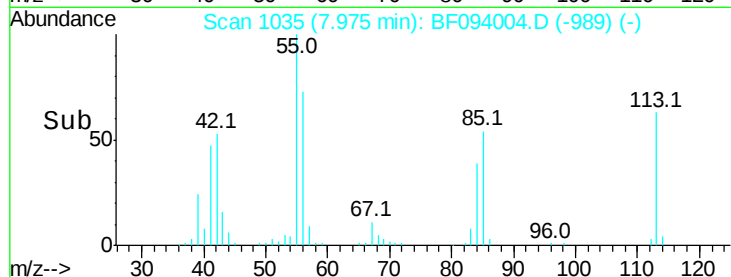
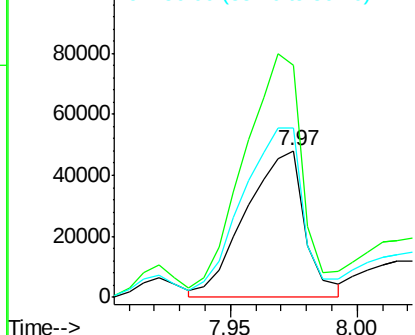
#35
 Caprolactam
 Concen: 27.59 ng
 RT: 7.97 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

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

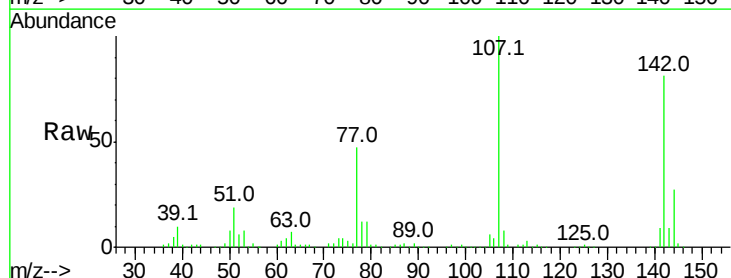


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

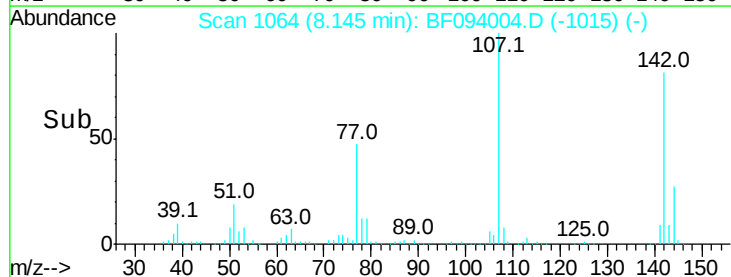
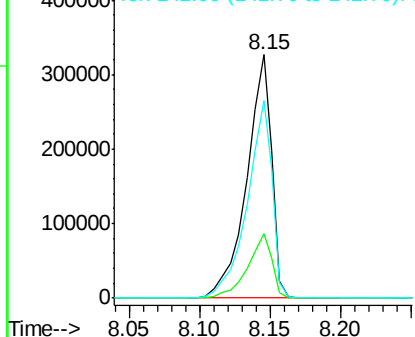


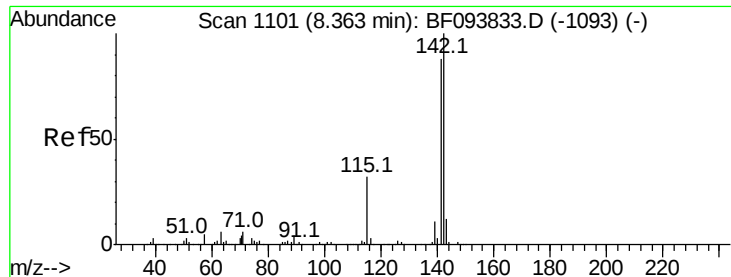
#36
 4-Chloro-3-methylphenol
 Concen: 43.50 ng
 RT: 8.15 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

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

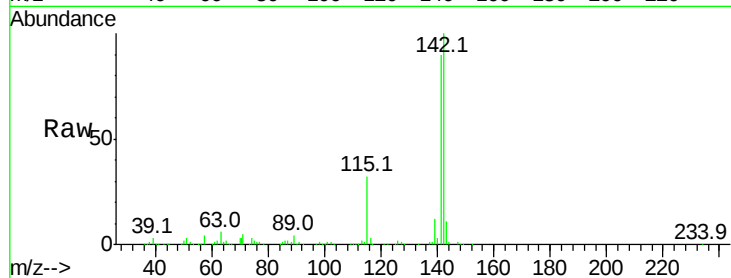
Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion:142 Resp: 870118

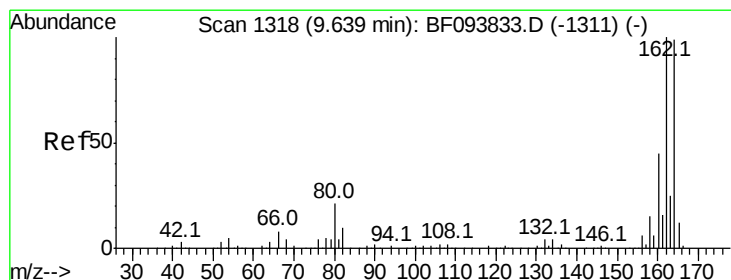
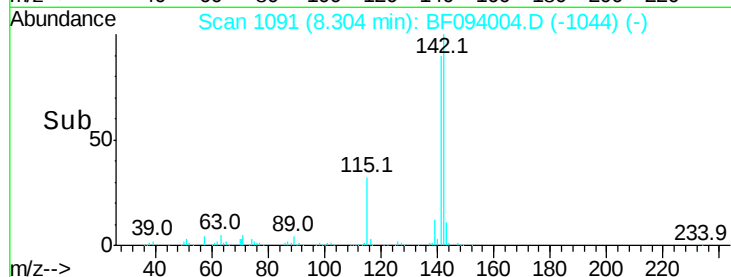
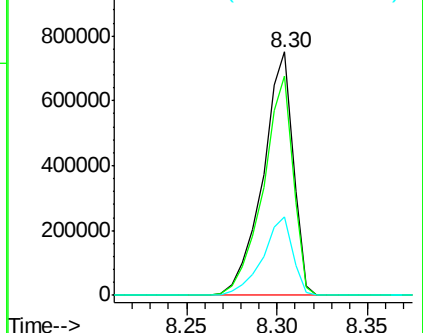
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	32.3	27.1	40.7



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

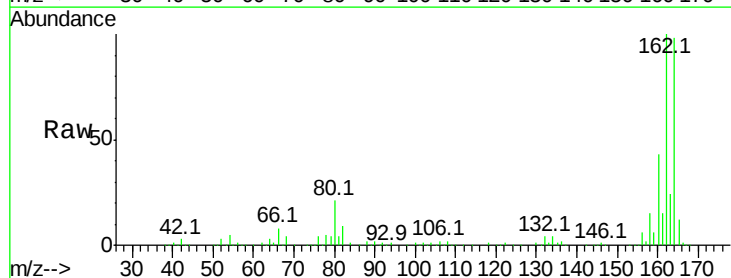
Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion:164 Resp: 317422

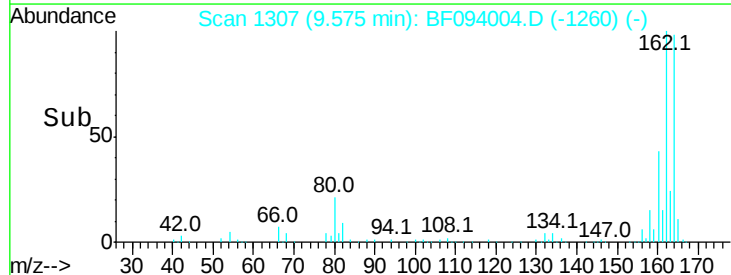
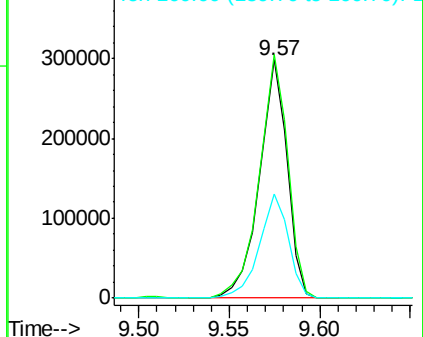
Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	43.8	36.2	54.2



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

ClientSampleId :

PB97860BSD

Tot Ion:216 Resp: 320323

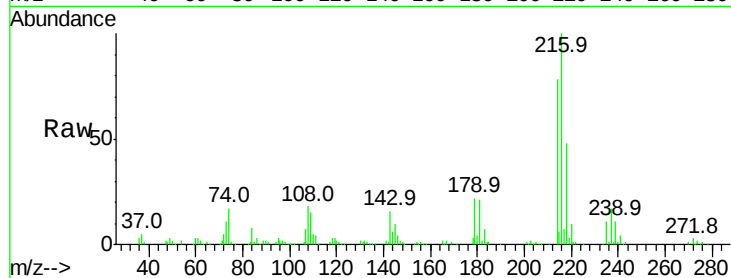
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 21.9 17.9 26.9

108 22.3 16.5 24.7

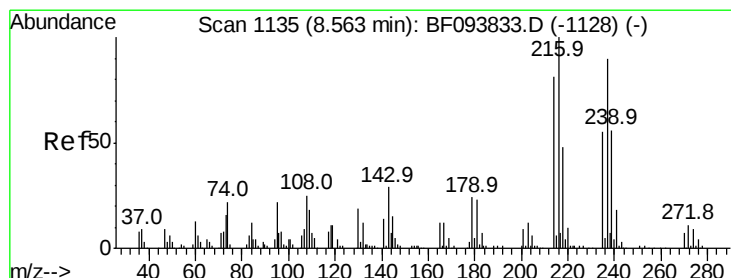
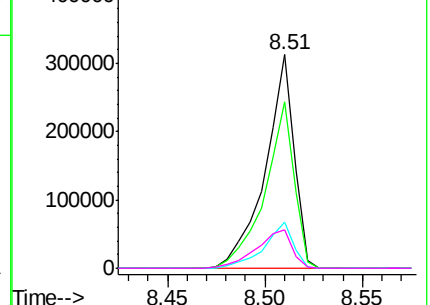
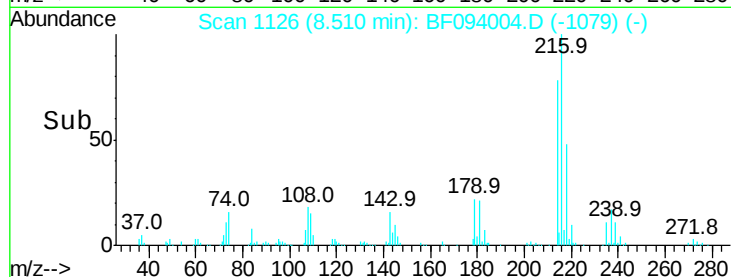


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 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

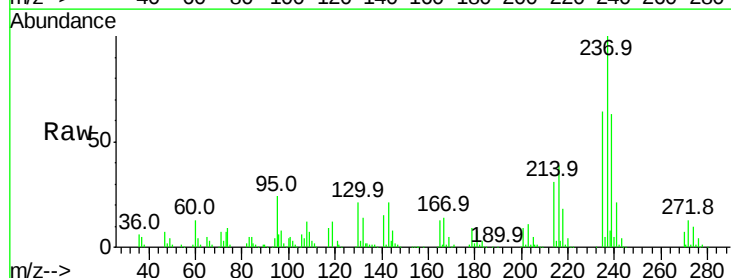
Tgt Ion:237 Resp: 337764

Ion Ratio Lower Upper

237 100

235 64.4 42.6 82.6

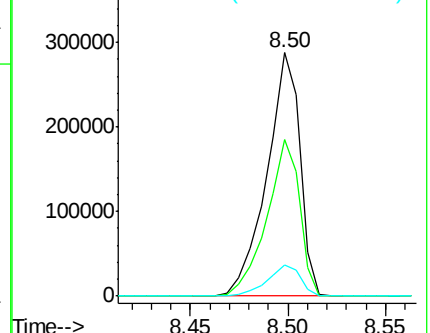
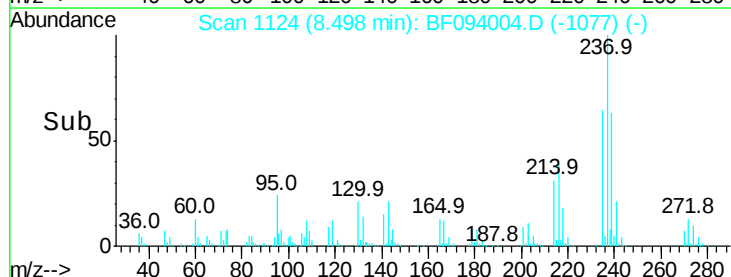
272 12.8 0.0 31.9

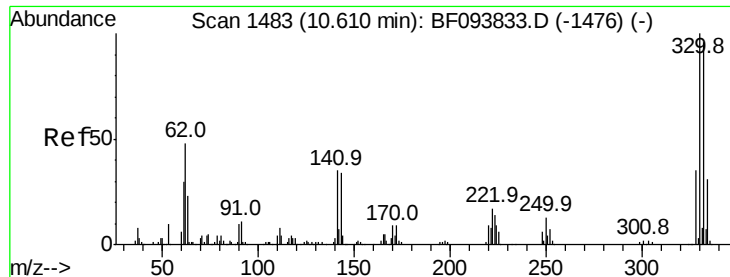


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

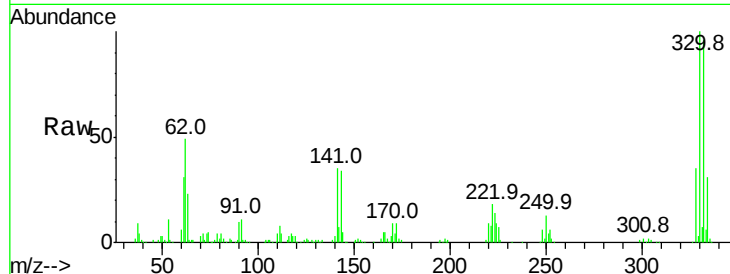




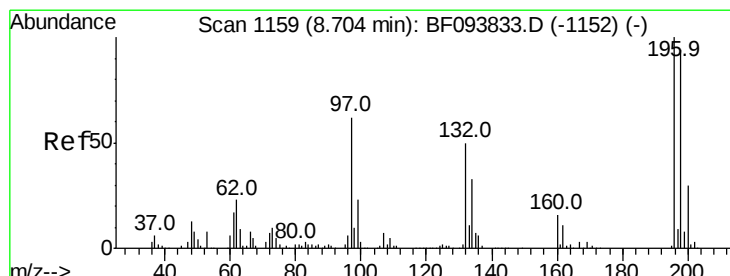
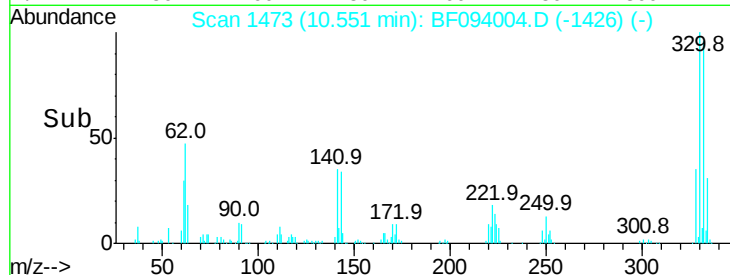
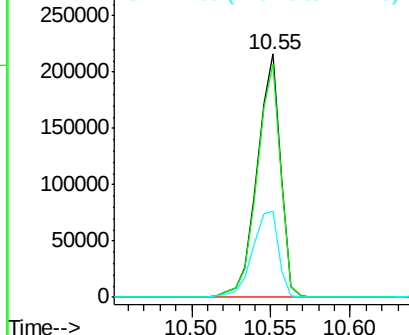
#41
 2,4,6-Tribromophenol
 Concen: 88.91 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

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

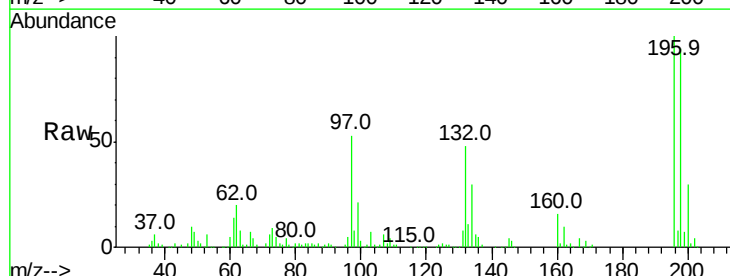


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

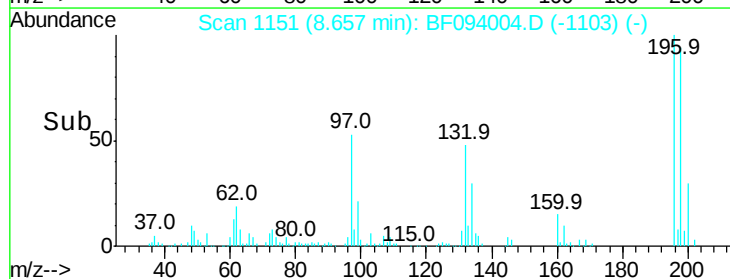
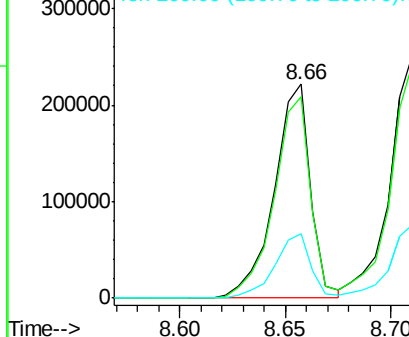


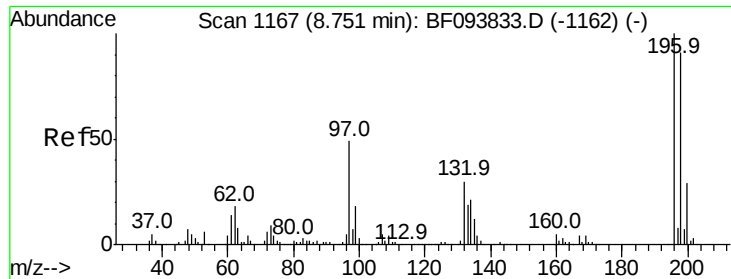
#42
 2,4,6-Trichlorophenol
 Concen: 43.21 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

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



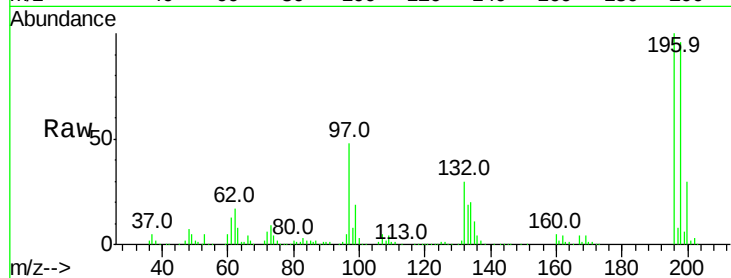


#43
 2,4,5-Trichlorophenol
 Concen: 40.11 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

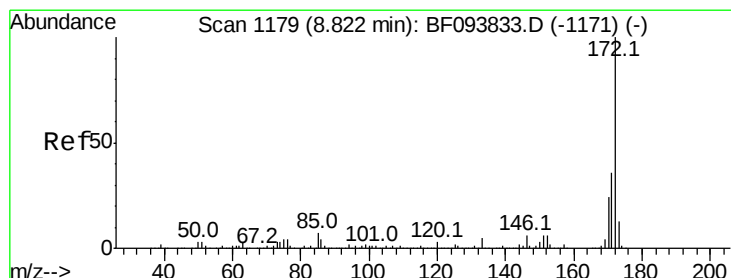
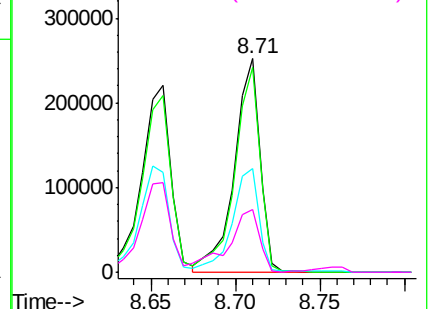
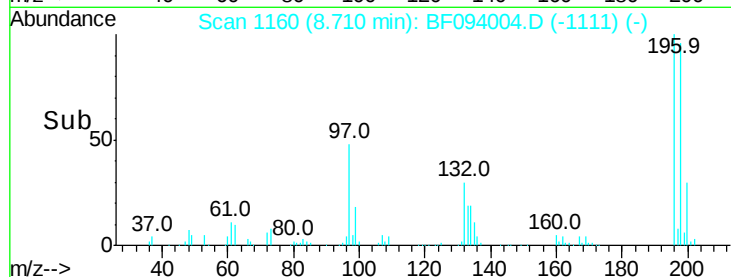
Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

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



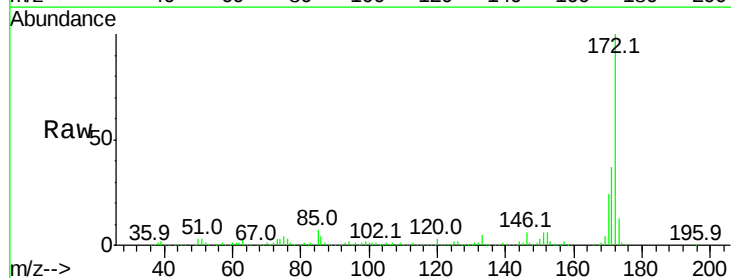
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



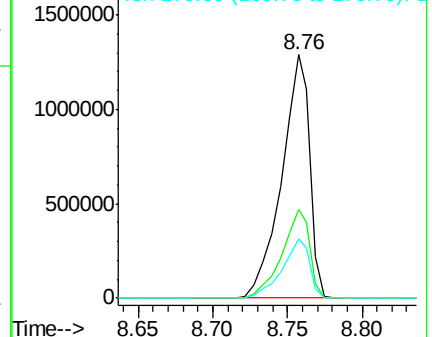
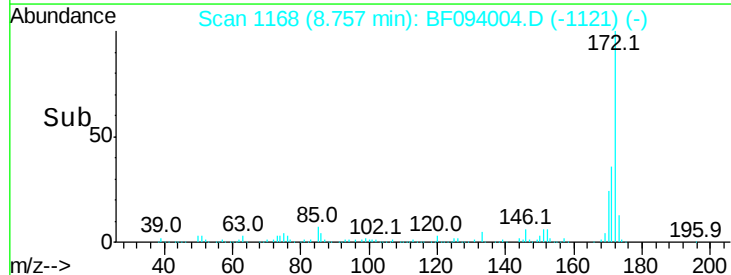
#44
 2-Fluorobiphenyl
 Concen: 81.28 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

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

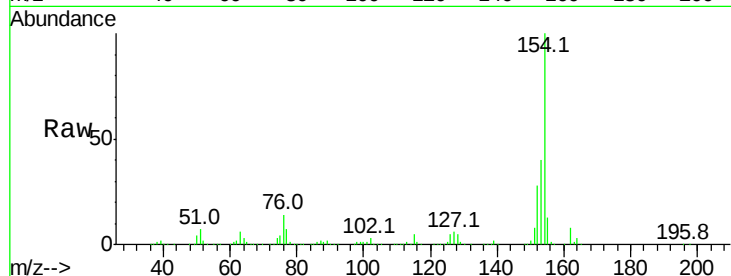




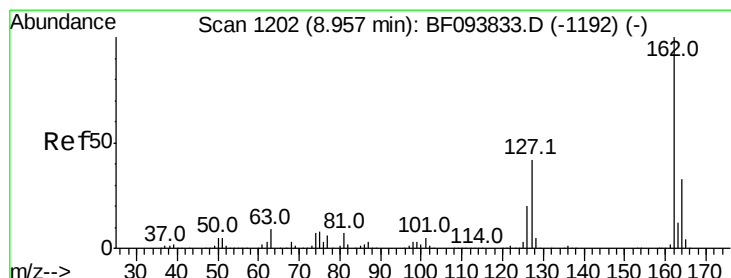
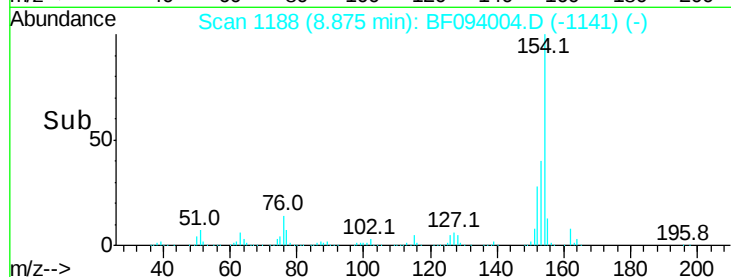
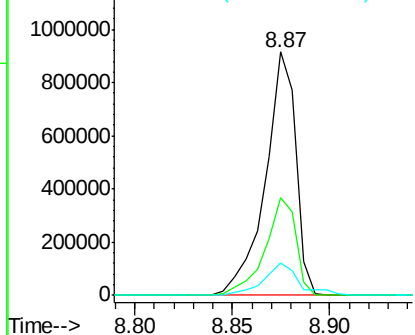
#45
 1,1'-Biphenyl
 Concen: 38.77 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

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

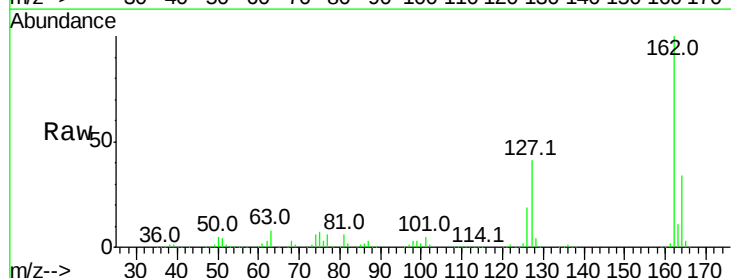


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

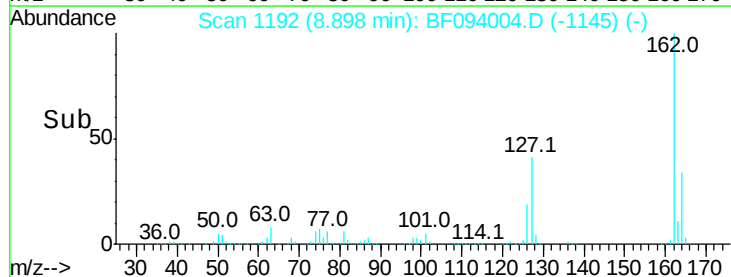
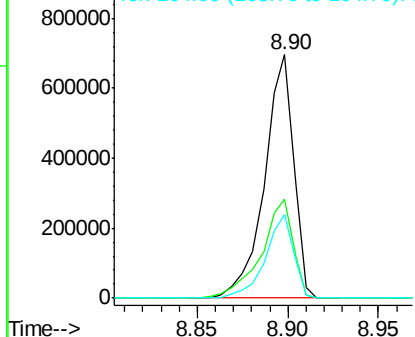


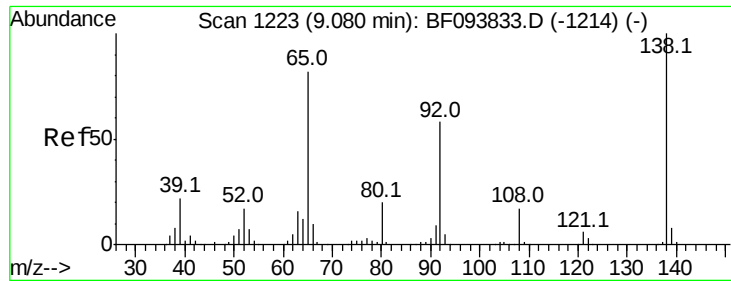
#46
 2-Chloronaphthalene
 Concen: 38.75 ng
 RT: 8.90 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

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

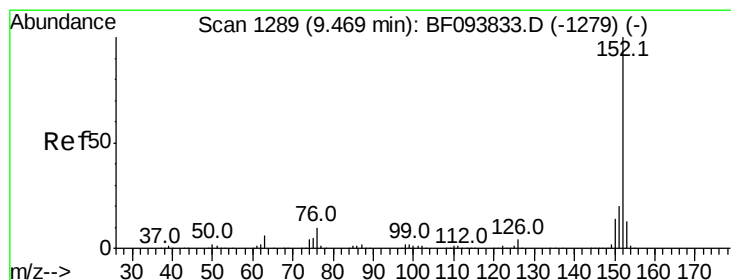
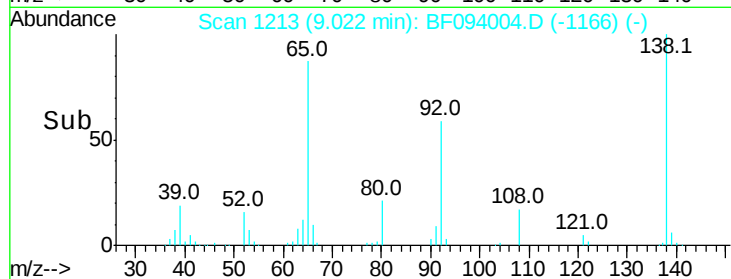
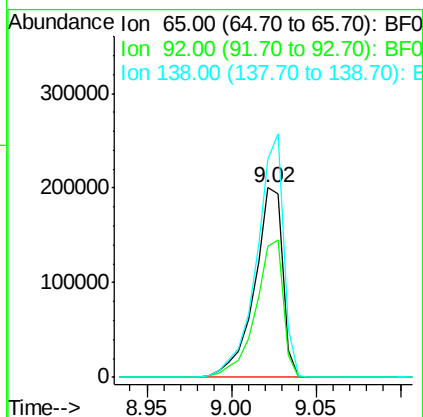
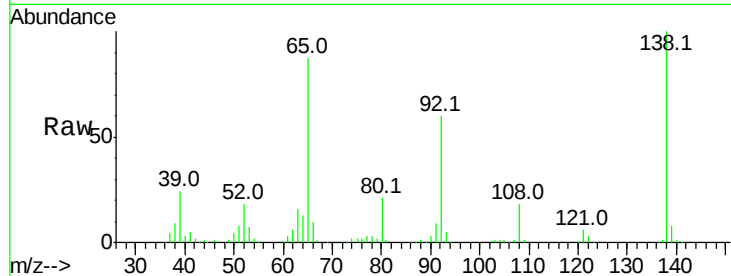




#47
2-Nitroaniline
Concen: 39.14 ng
RT: 9.02 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

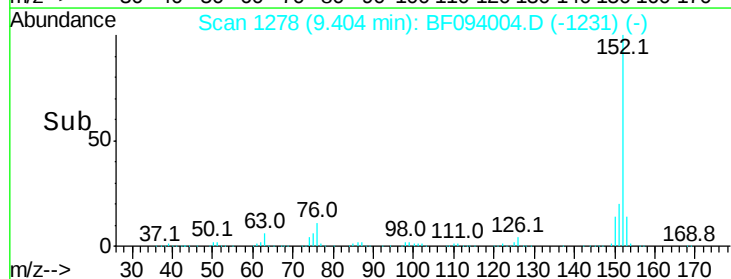
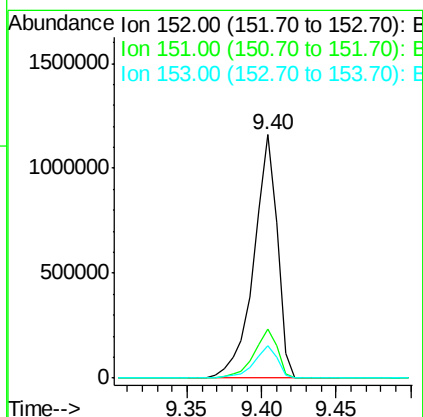
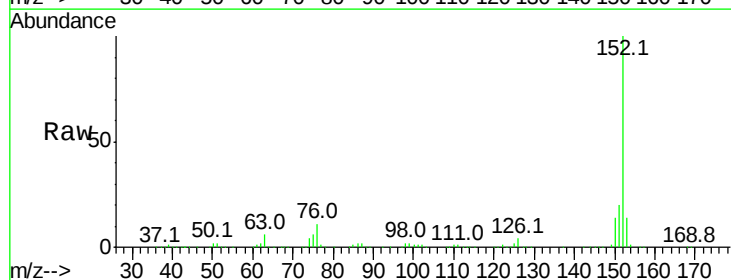
Instrument :
BNA_F
ClientSampleId :
PB97860BSD

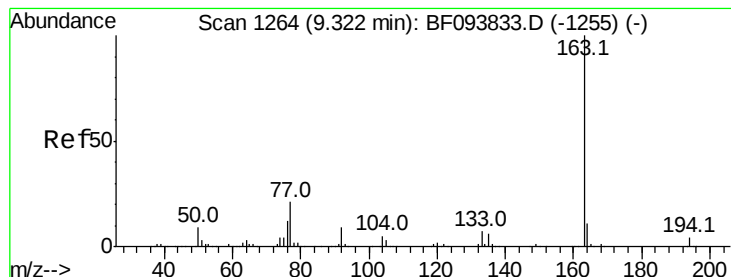
Tot Ion: 65 Resp: 232677
Ion Ratio Lower Upper
65 100
92 68.9 53.9 80.9
138 115.2 78.8 118.2



#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

ClientSampleId :

PB97860BSD

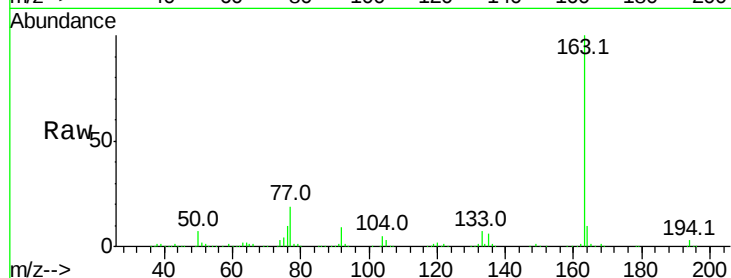
Tot Ion:163 Resp: 943428

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

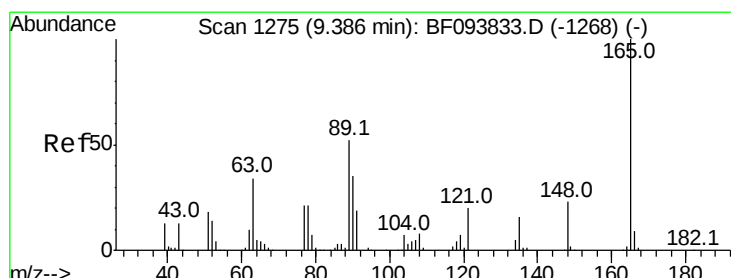
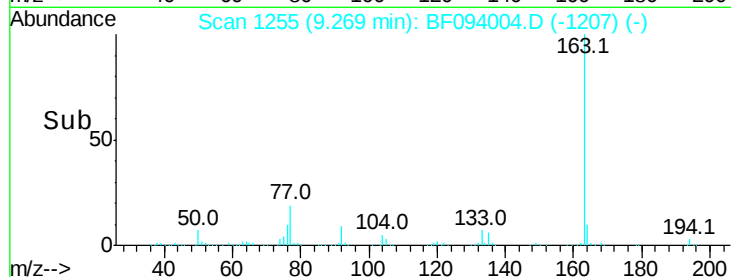
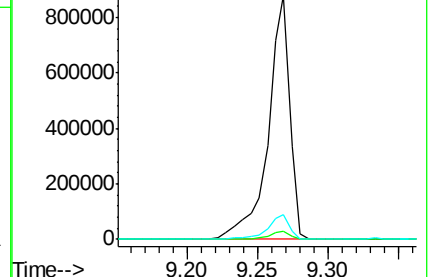
164 10.4 8.4 12.6



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

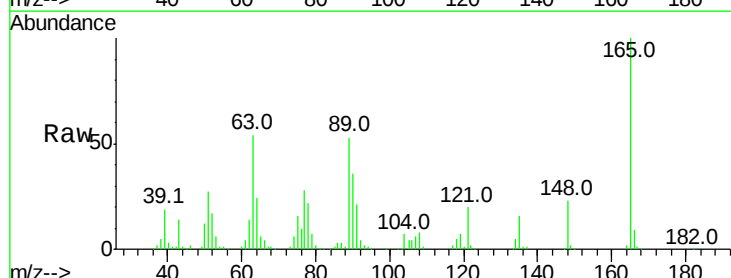
Tgt Ion:165 Resp: 213961

Ion Ratio Lower Upper

165 100

63 53.9 34.3 51.5#

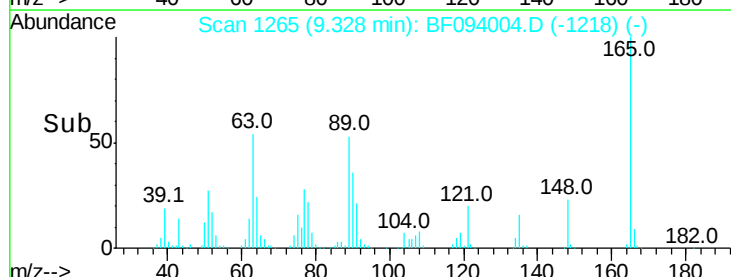
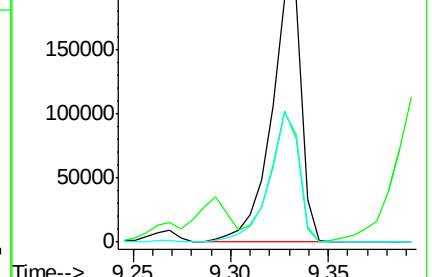
89 53.1 37.1 55.7



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 :

PB97860BSD

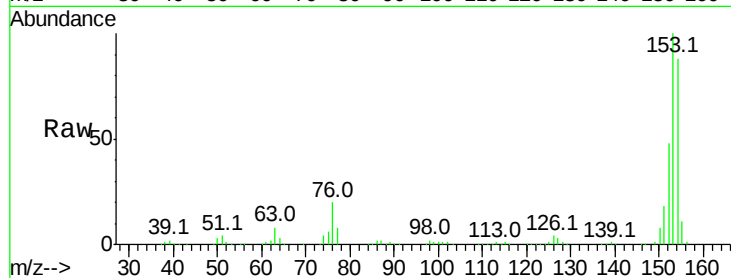
Tot Ion:154 Resp: 740076

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

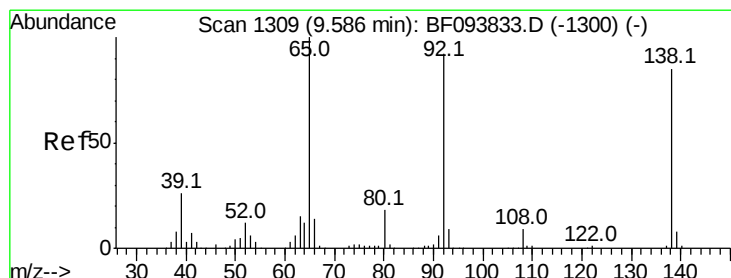
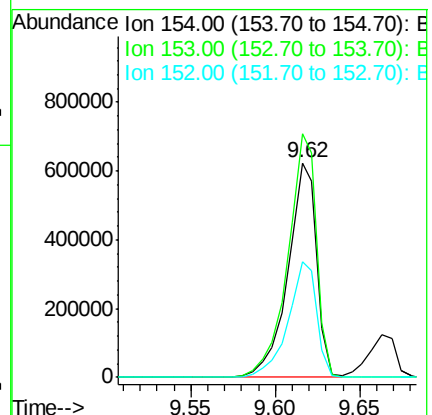
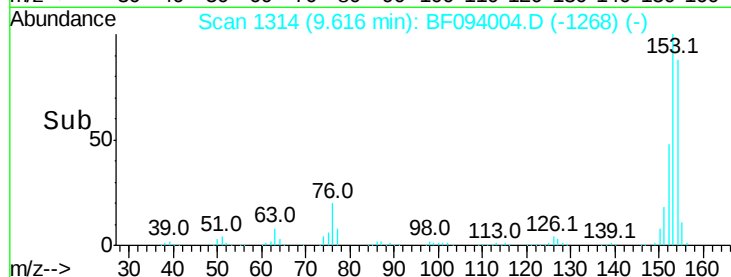
152 54.0 43.6 65.4



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

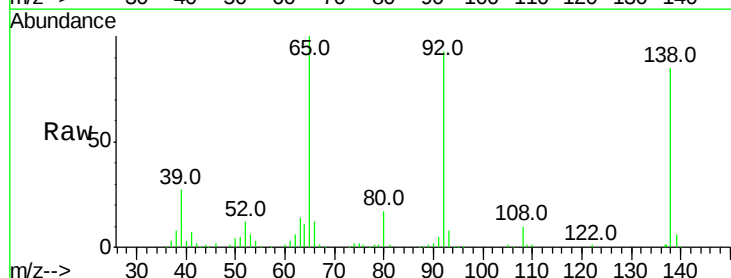
Tgt Ion:138 Resp: 108252

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

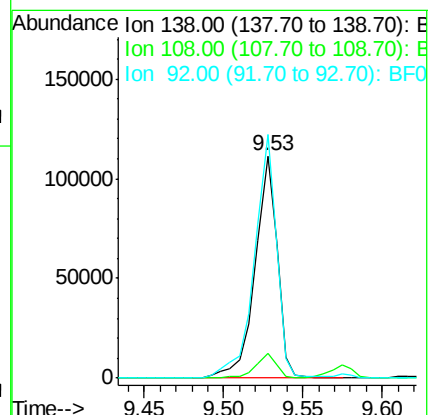
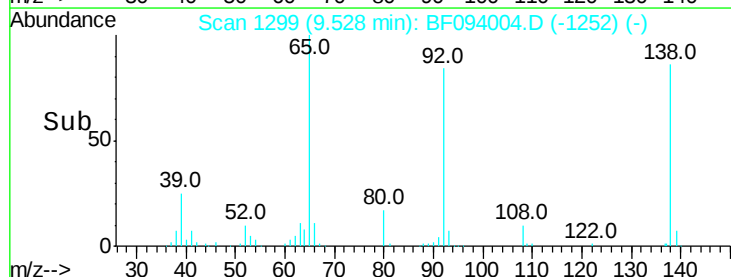
92 109.7 93.8 140.6



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

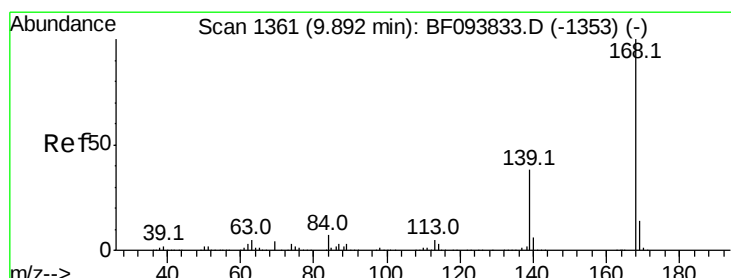
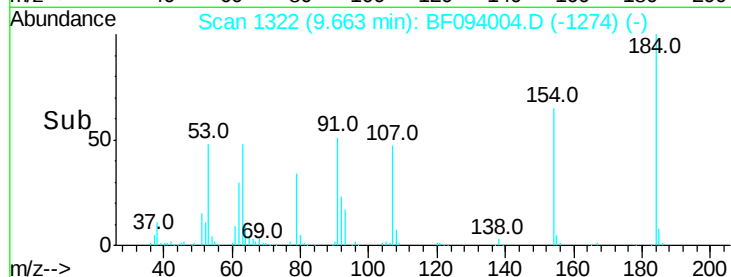
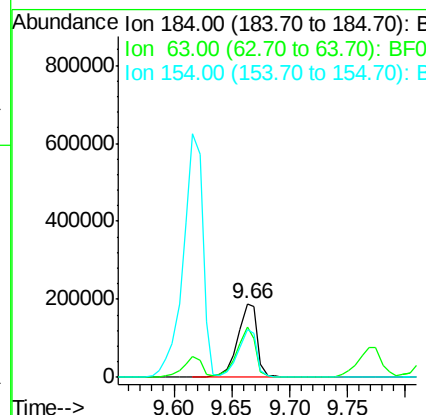
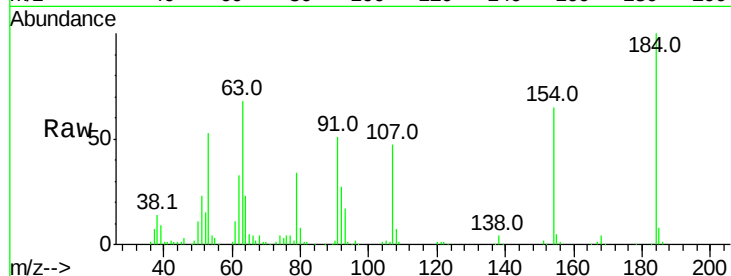




#53
2,4-Dinitrophenol
Concen: 81.28 ng
RT: 9.66 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

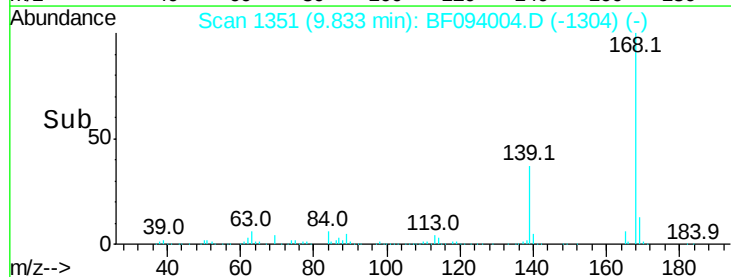
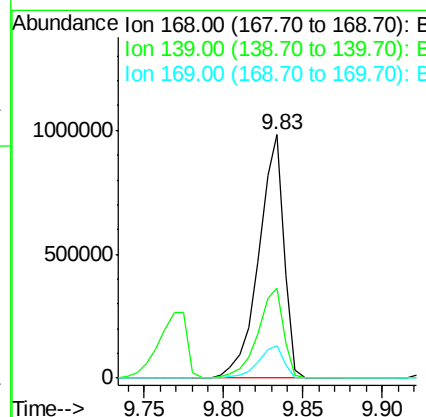
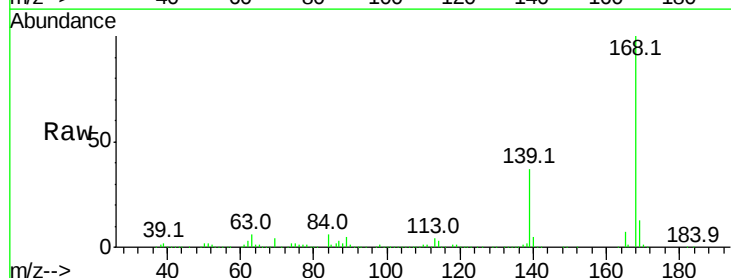
Instrument :
BNA_F
ClientSampleId :
PB97860BSD

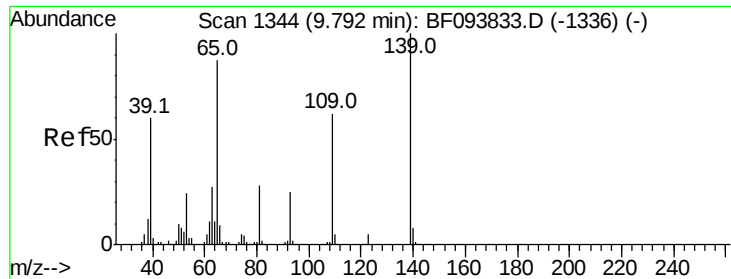
Tot Ion:184 Resp: 225192
Ion Ratio Lower Upper
184 100
63 68.4 62.7 94.1
154 65.3 81.1 121.7#



#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

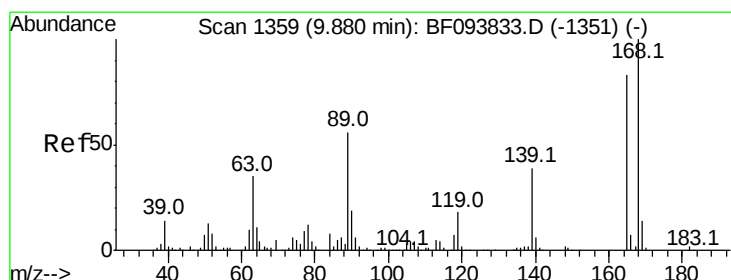
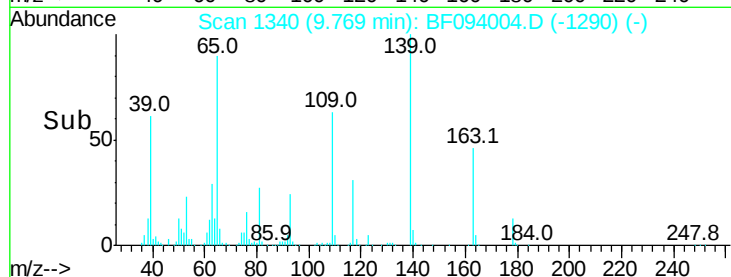
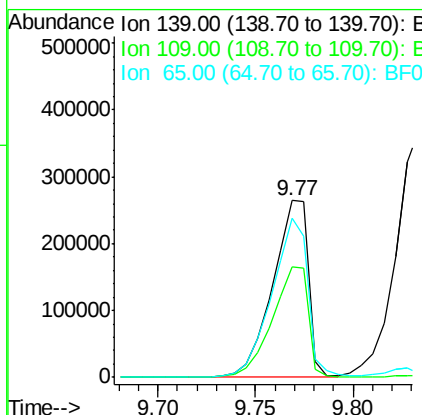
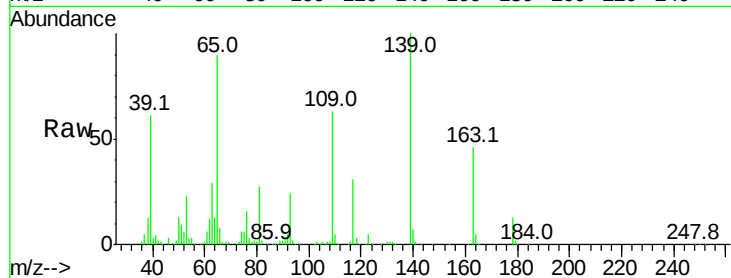




#55
4-Nitrophenol
Concen: 70.79 ng
RT: 9.77 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

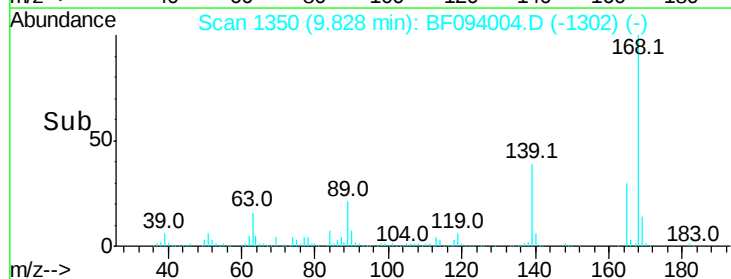
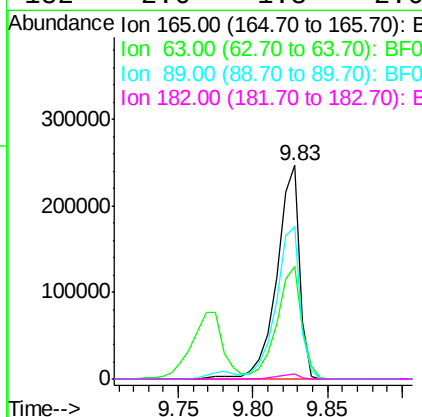
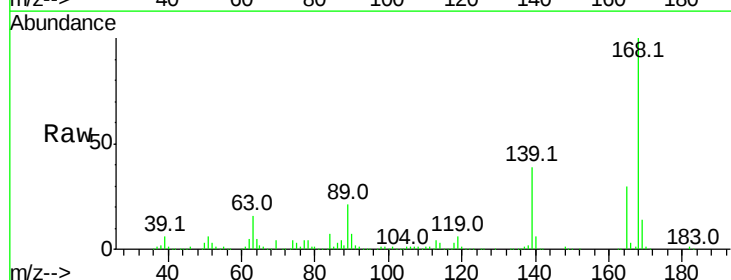
Instrument :
BNA_F
ClientSampleId :
PB97860BSD

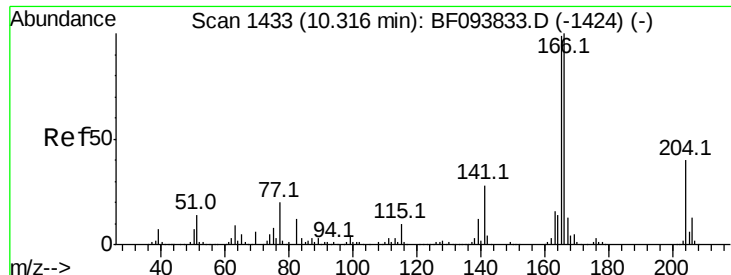
Tot Ion:139 Resp: 336698
Ion Ratio Lower Upper
139 100
109 62.7 34.1 74.1
65 89.6 31.4 71.4#



#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

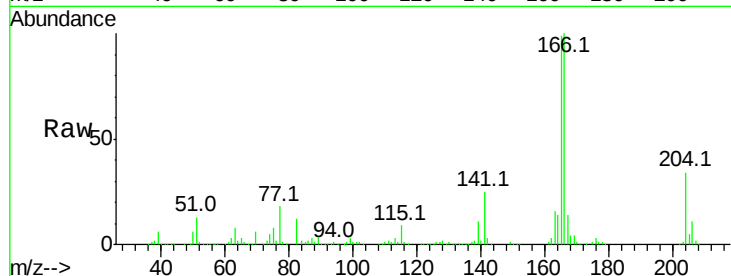




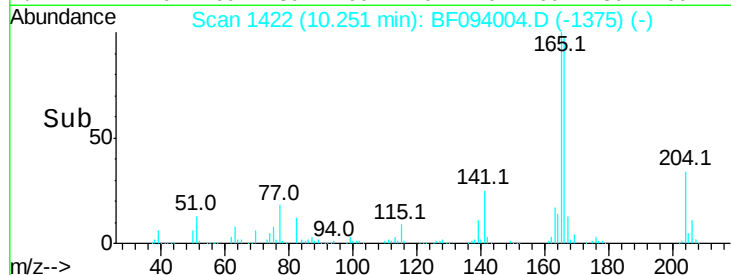
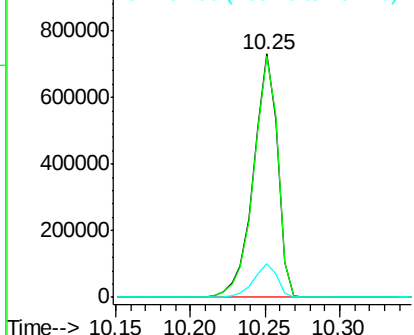
#57
 Fluorene
 Concen: 36.77 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleID :
 PB97860BSD

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



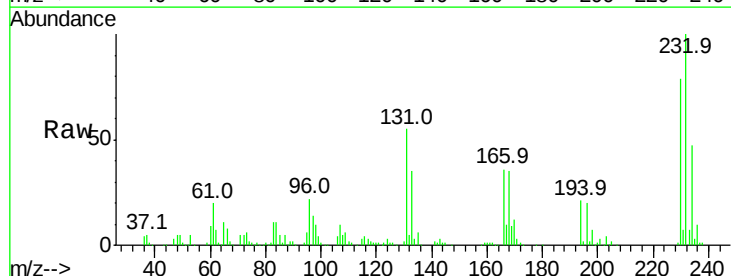
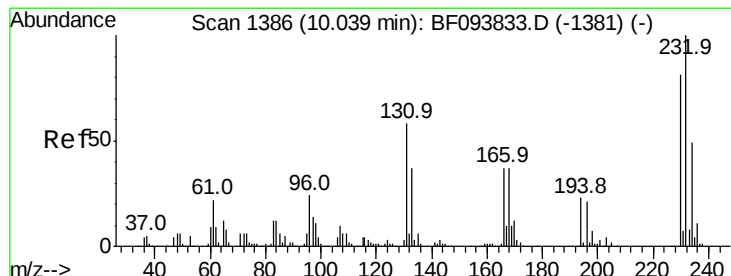
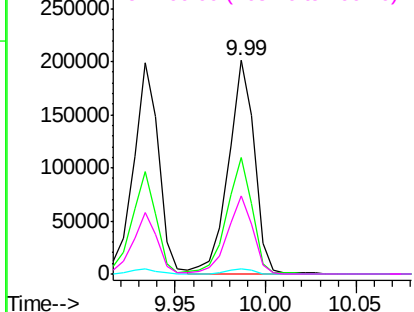
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



#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

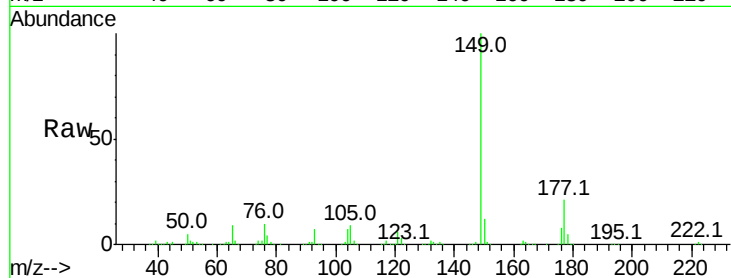




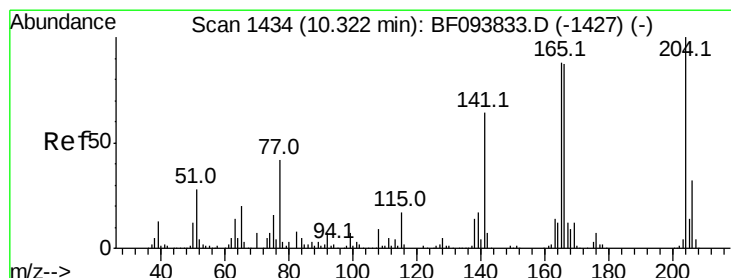
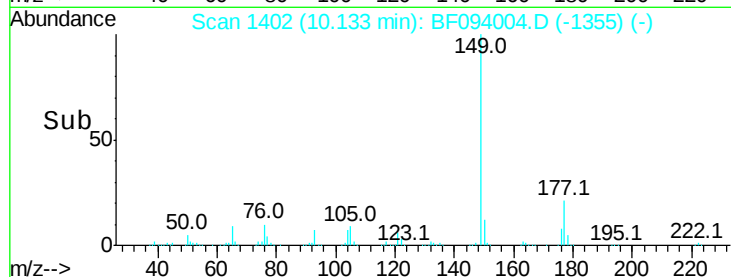
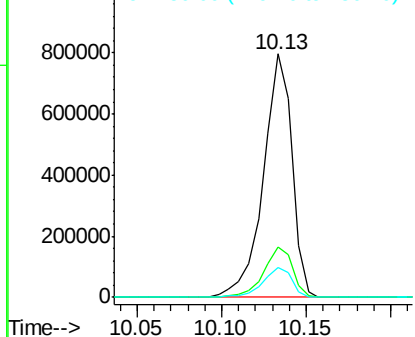
#59
Diethylphthalate
Concen: 41.59 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampled :
PB97860BSD

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

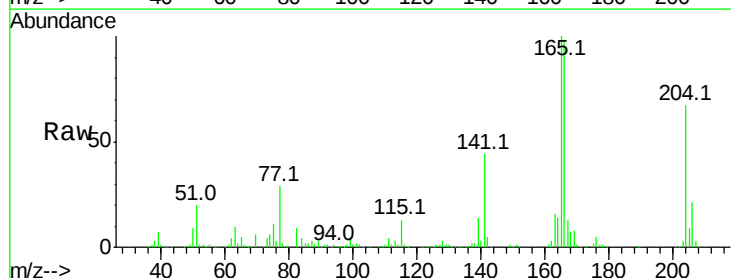


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

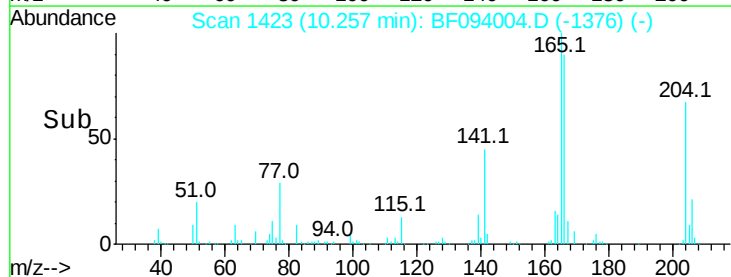
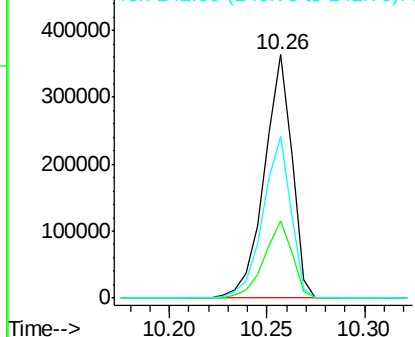


#60
4-Chlorophenyl-phenylether
Concen: 38.21 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

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 :

PB97860BSD

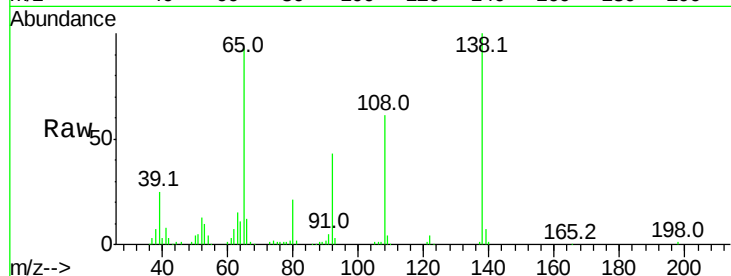
Tot Ion:138 Resp: 217149

Ion Ratio Lower Upper

138 100

92 43.5 21.8 61.8

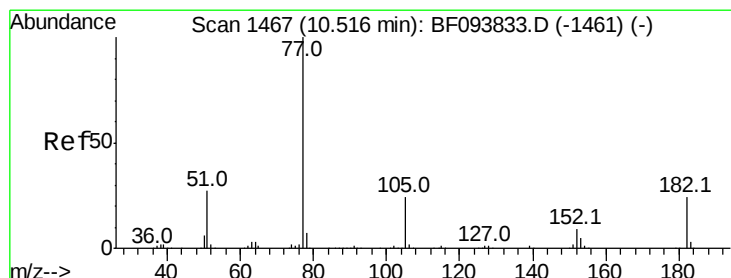
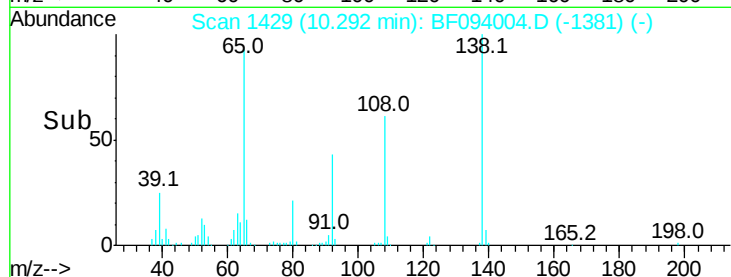
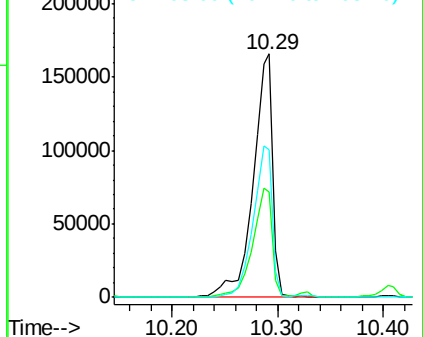
108 60.5 42.3 82.3



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

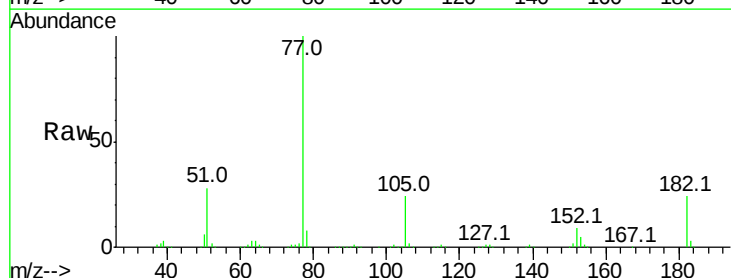
Ion Ratio Lower Upper

77 100

182 23.7 0.1 40.1

105 23.6 3.6 43.6

51 27.7 9.4 49.4

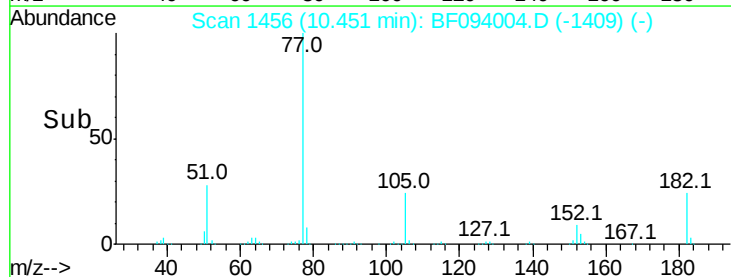
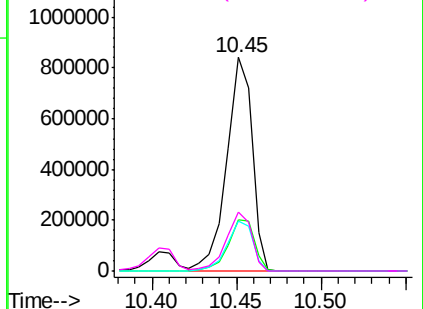


Abundance Ion 77.00 (76.70 to 77.70): BF0

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 :

PB97860BSD

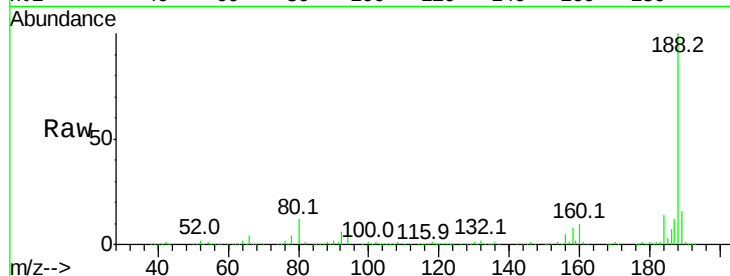
Tot Ion:188 Resp: 550454

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

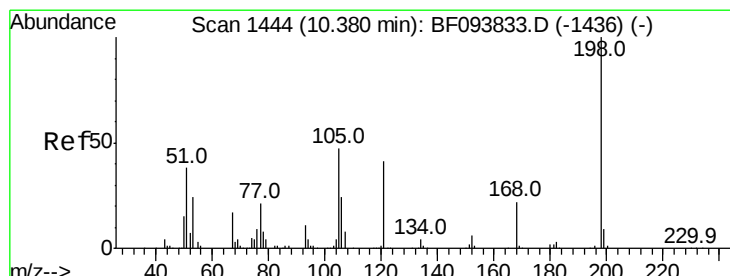
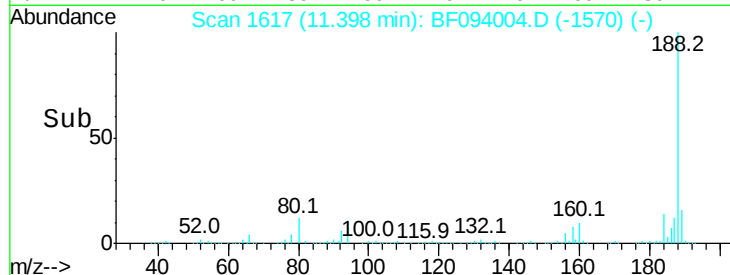
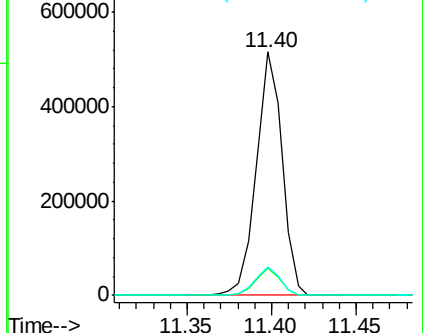
80 11.8 10.2 15.2



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

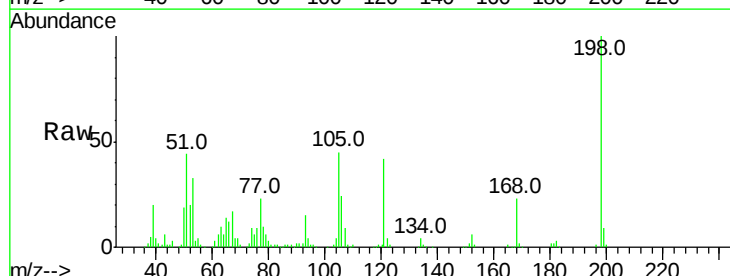
Tgt Ion:198 Resp: 142708

Ion Ratio Lower Upper

198 100

51 44.4 53.2 93.2#

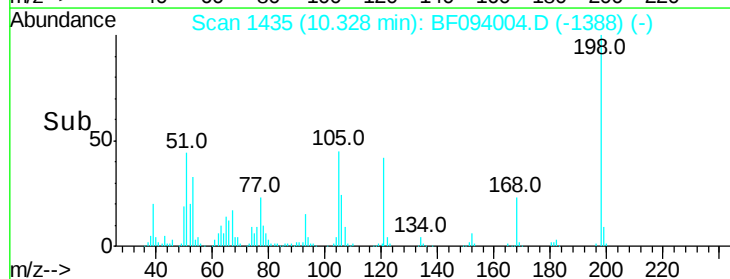
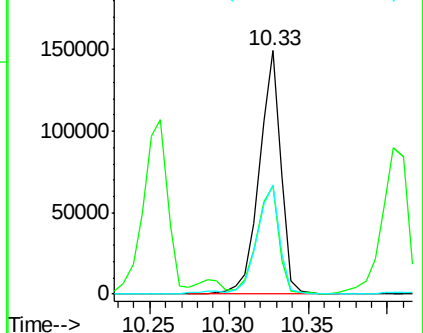
105 44.9 45.8 85.8#

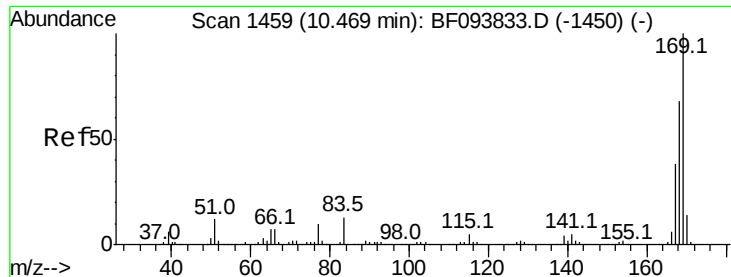


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

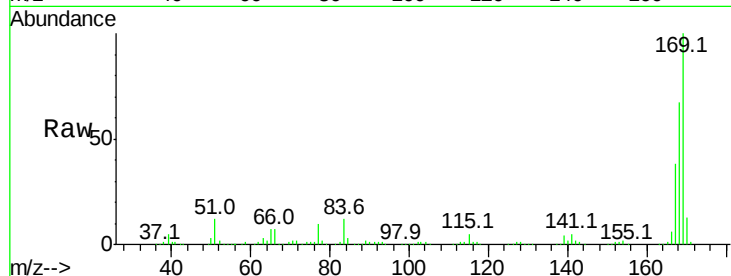




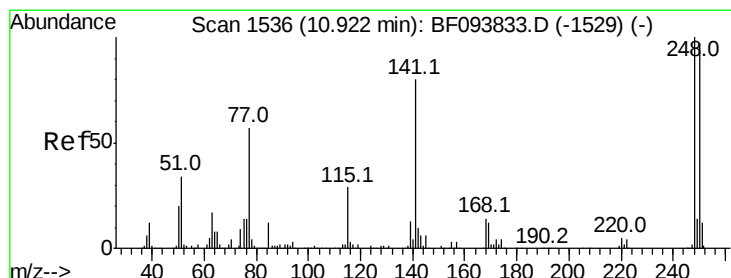
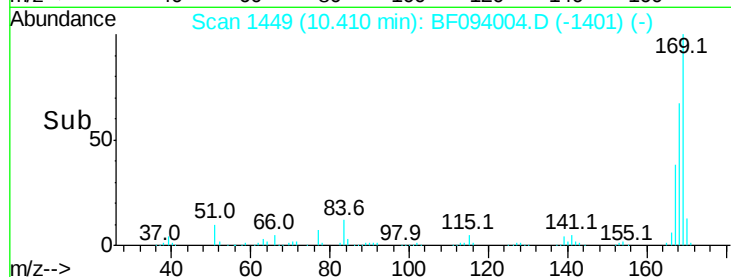
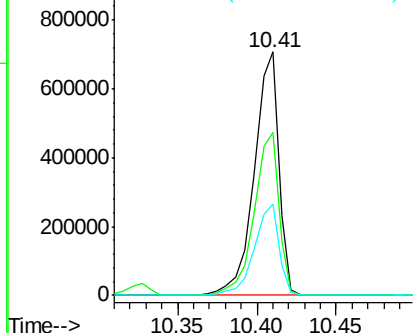
#65
 n-Nitrosodiphenylamine
 Concen: 40.17 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

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

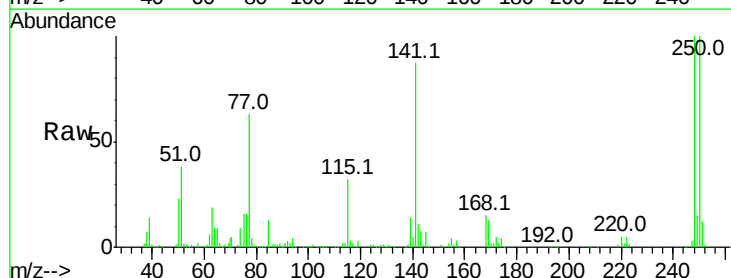


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

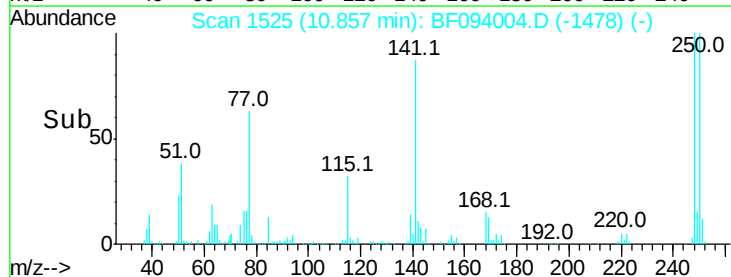
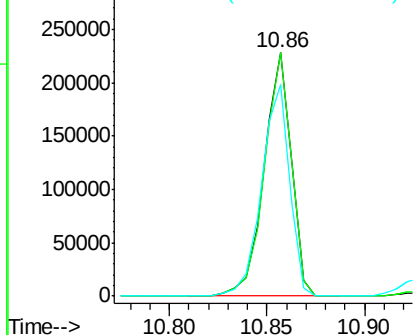


#66
 4-Bromophenyl-phenylether
 Concen: 40.64 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

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

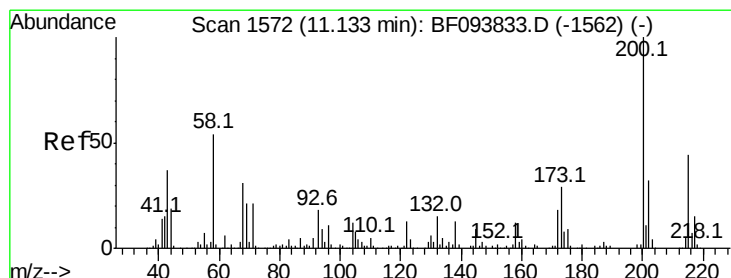
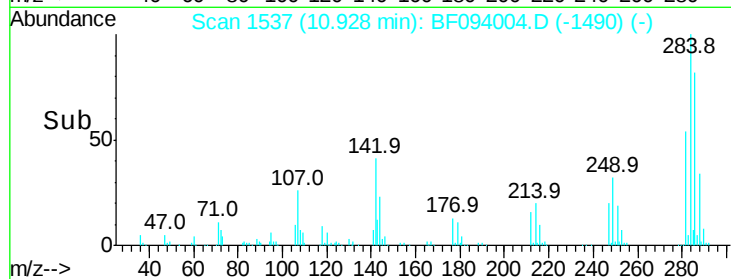
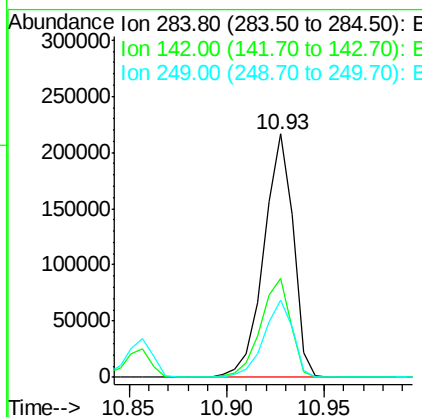
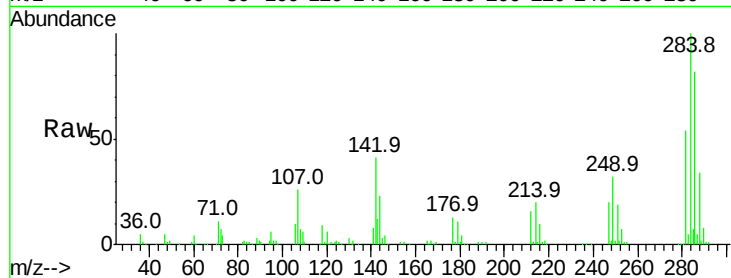




#67
Hexachlorobenzene
Concen: 41.21 ng
RT: 10.93 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

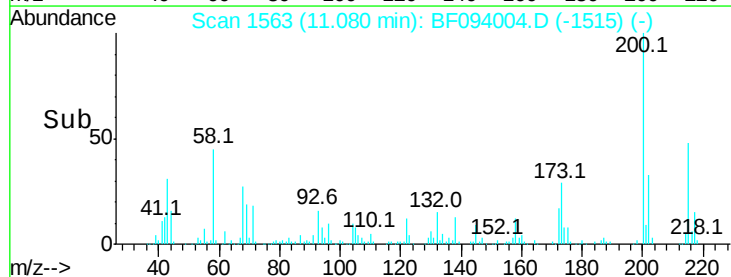
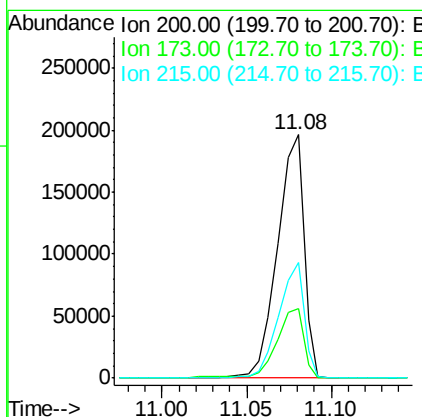
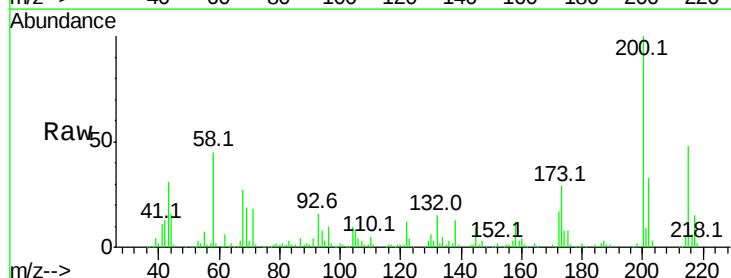
Instrument :
BNA_F
ClientSampleId :
PB97860BSD

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



#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

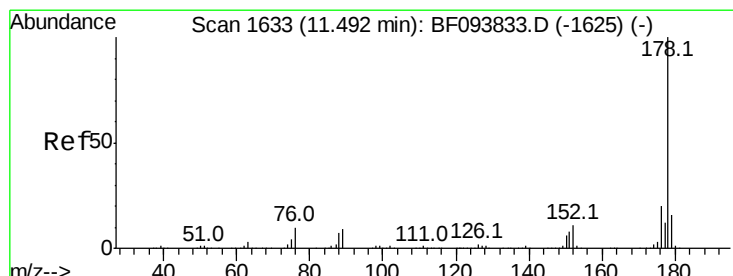
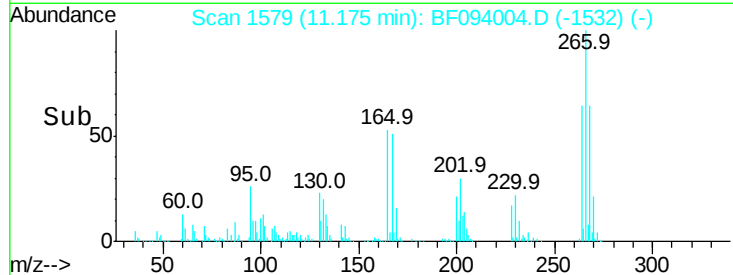
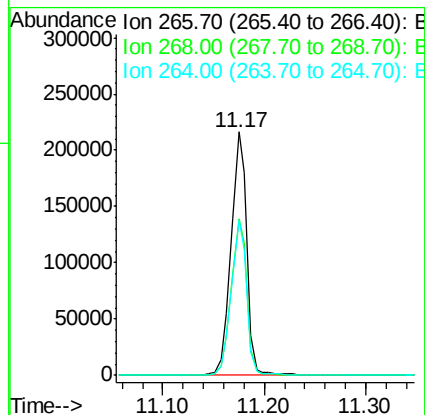
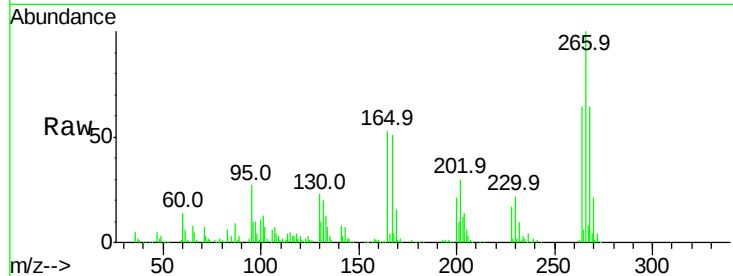




#69
 Pentachlorophenol
 Concen: 68.80 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

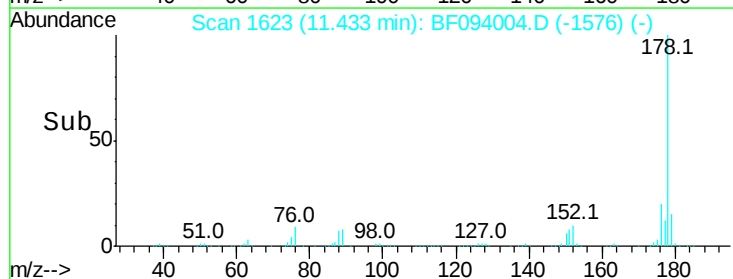
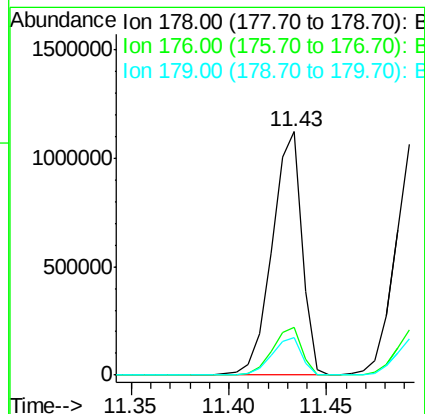
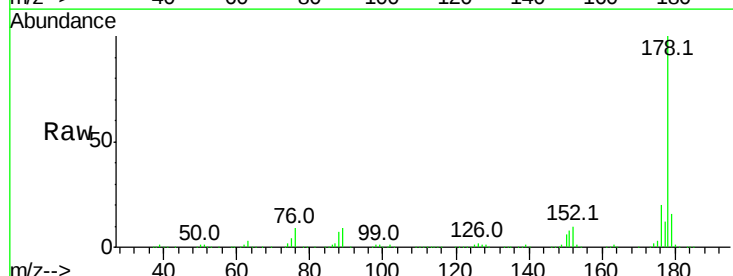
Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Tot Ion:	266	Resp:	234696
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:	178	Resp:	1188485
Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.5	12.6	19.0

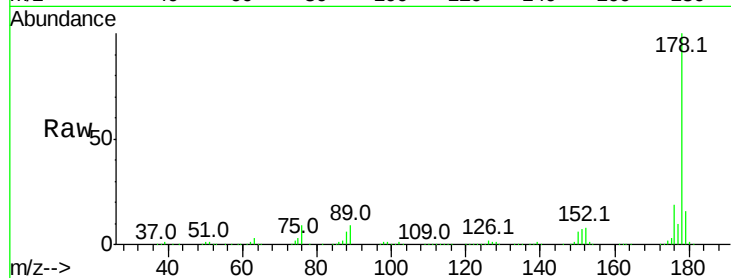




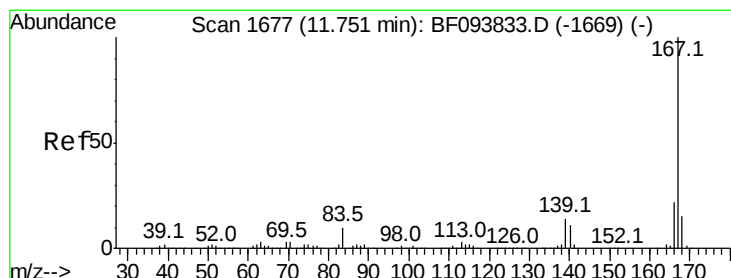
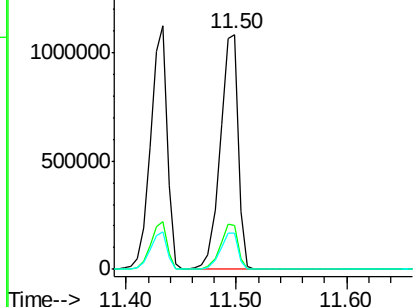
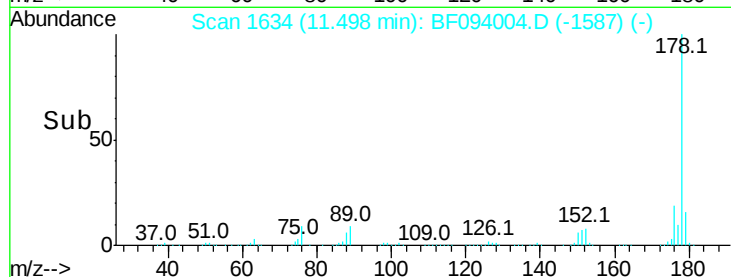
#71
 Anthracene
 Concen: 38.99 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

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

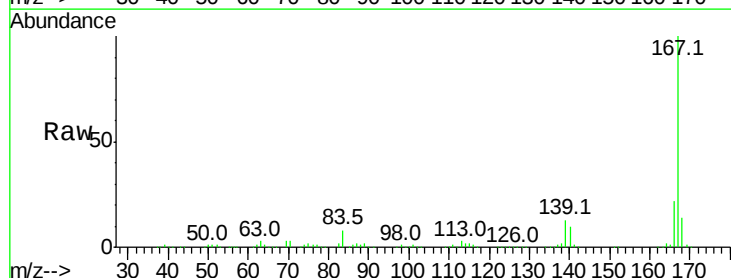


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

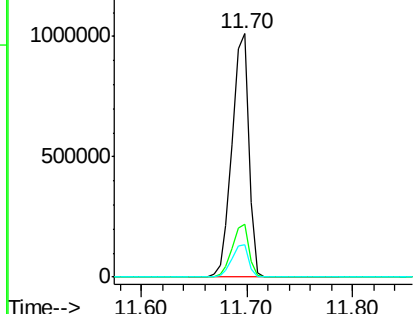
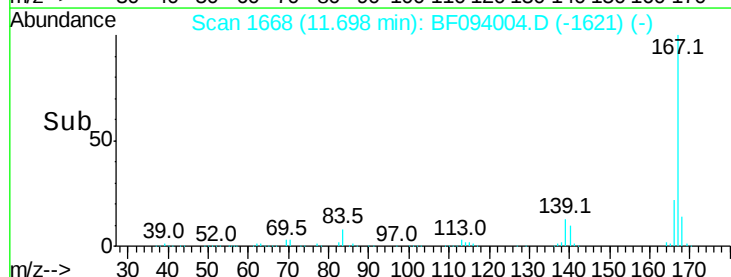


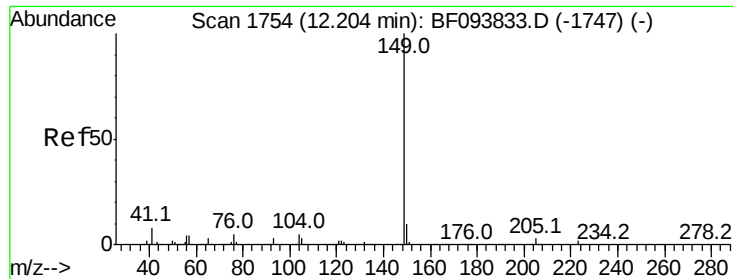
#72
 Carbazole
 Concen: 34.19 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

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



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 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 :

PB97860BSD

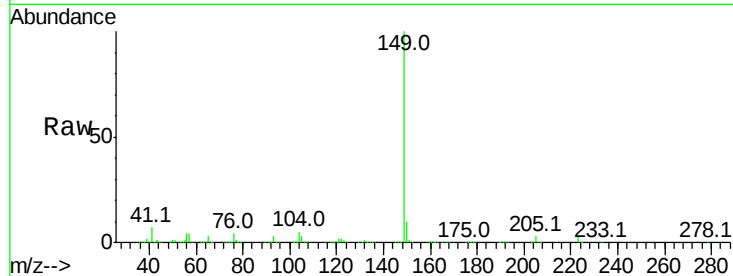
Tot Ion:149 Resp: 1411286

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

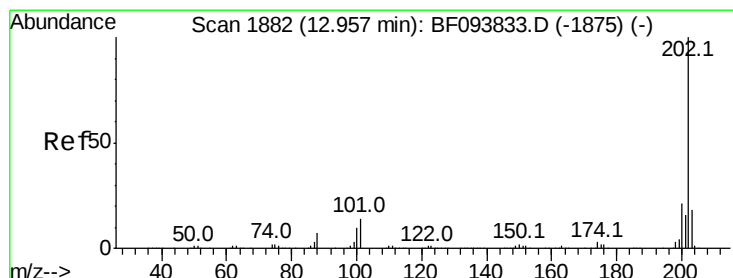
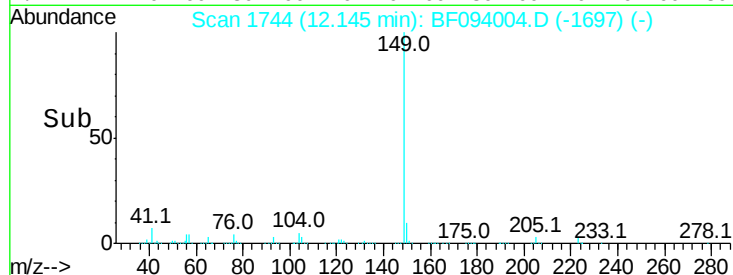
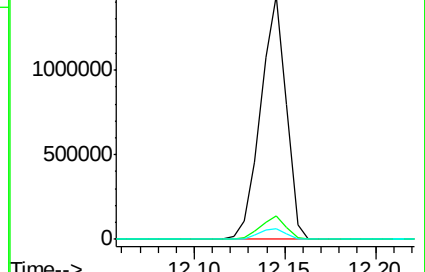
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

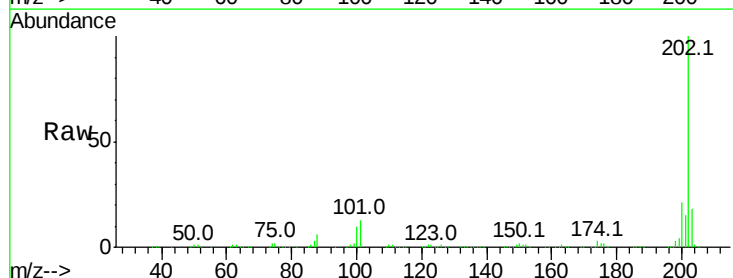
Tgt Ion:202 Resp: 1161062

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

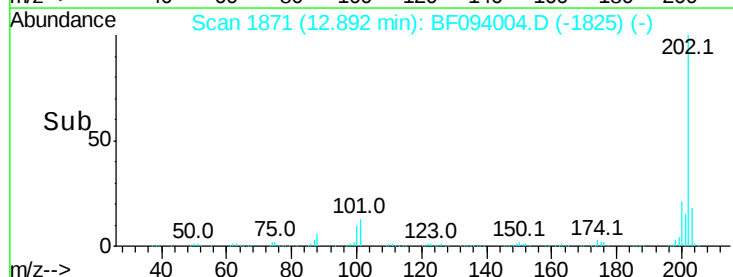
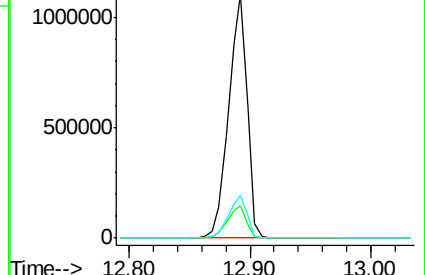
203 17.8 0.0 38.1

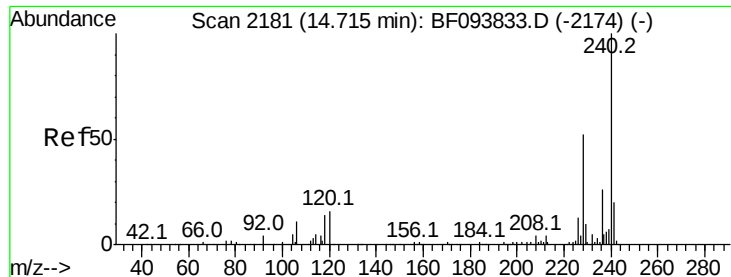


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB97860BSD

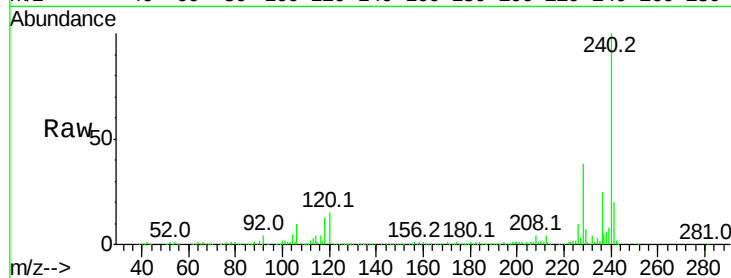
Tot Ion:240 Resp: 370250

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

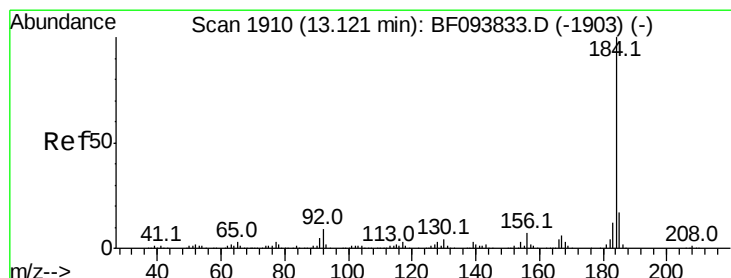
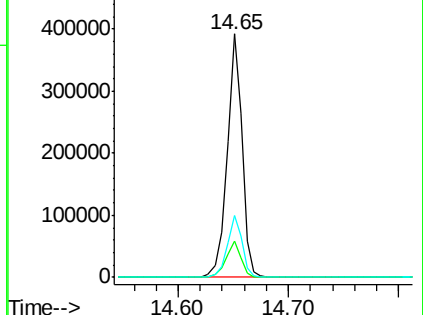
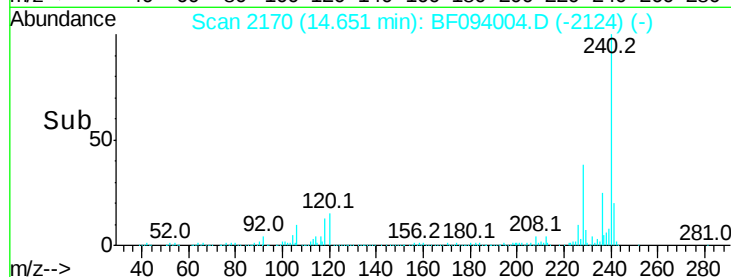
236 25.2 20.5 30.7



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

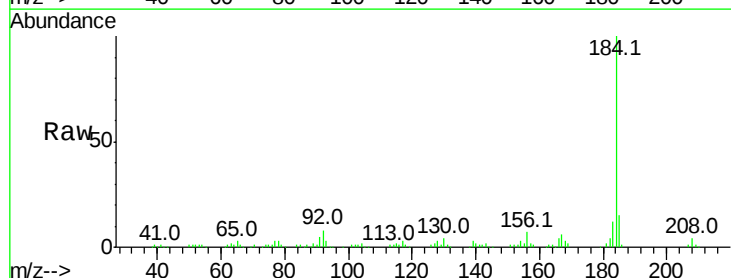
Tgt Ion:184 Resp: 138133

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

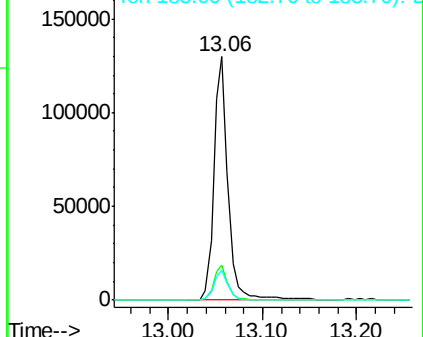
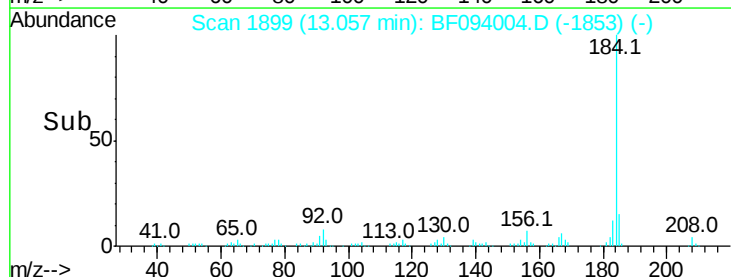
183 12.2 9.8 14.6

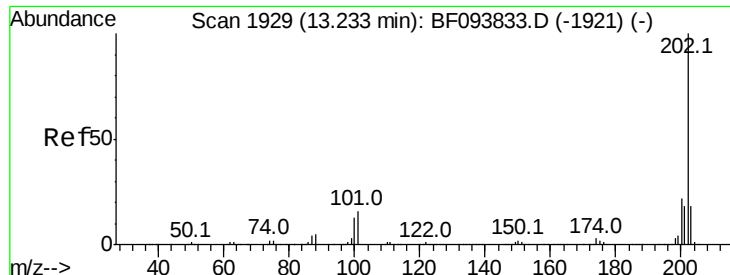


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

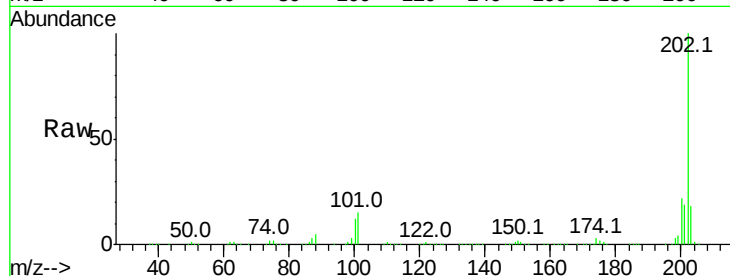




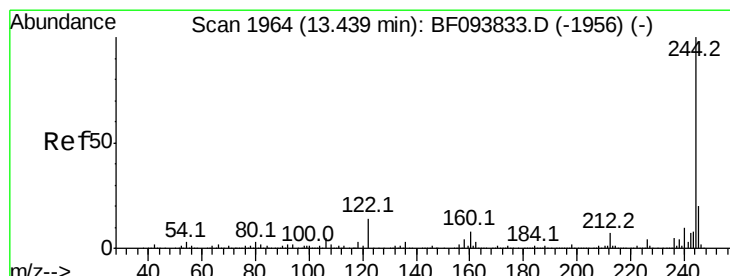
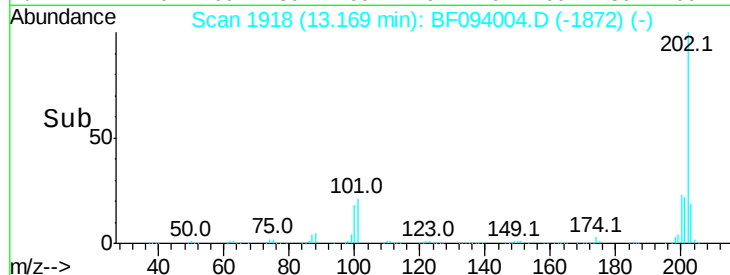
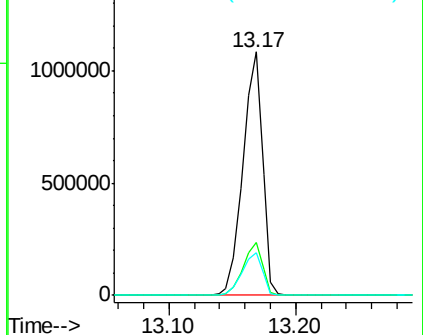
#77
Pvrene
Concen: 42.89 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

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

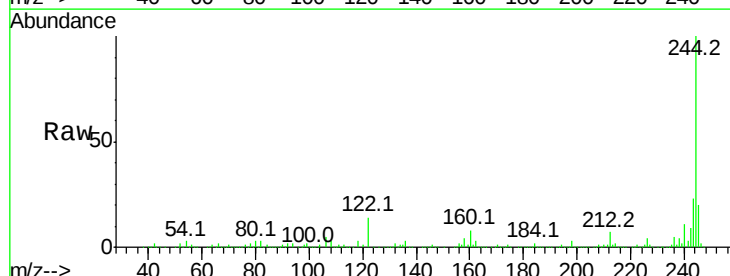


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

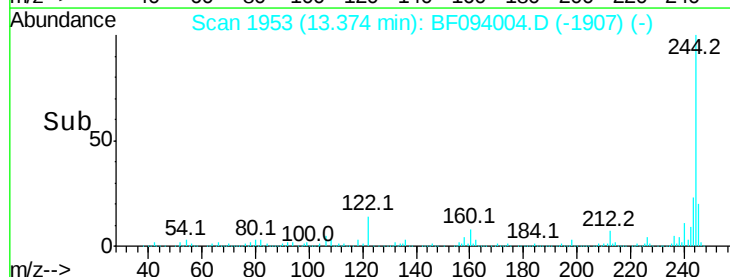
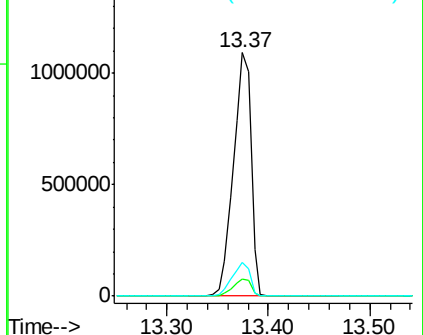


#78
Terphenyl-d14
Concen: 80.28 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

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

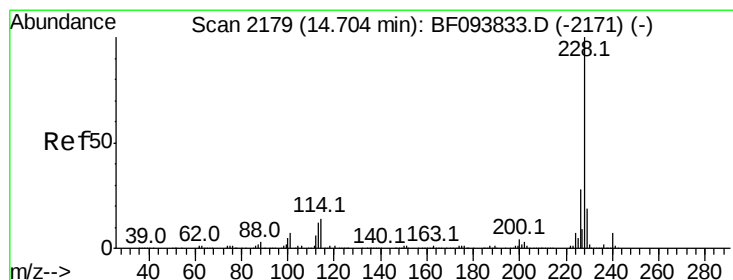
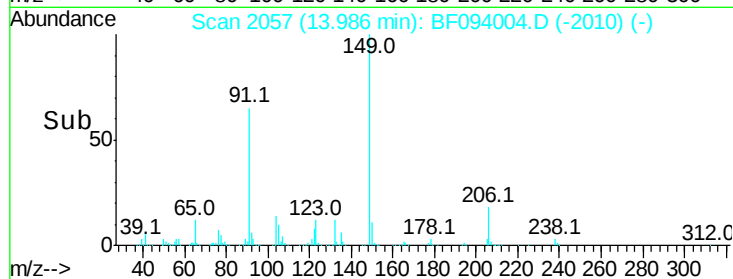
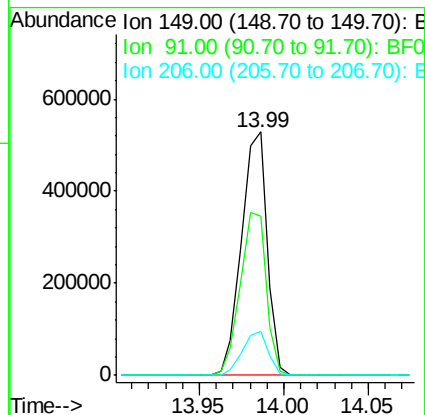
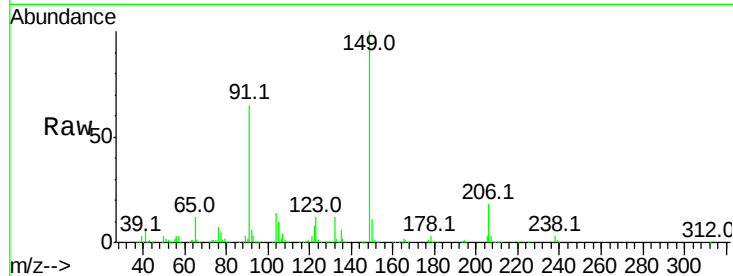




#79
Butylbenzylphthalate
Concen: 49.07 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

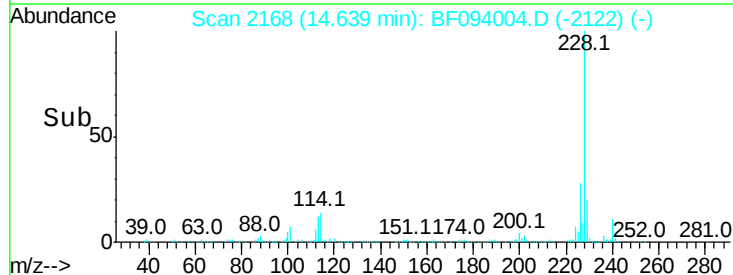
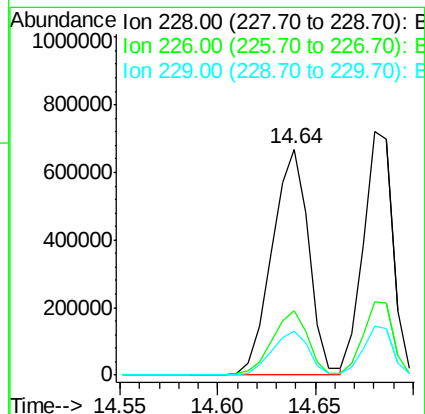
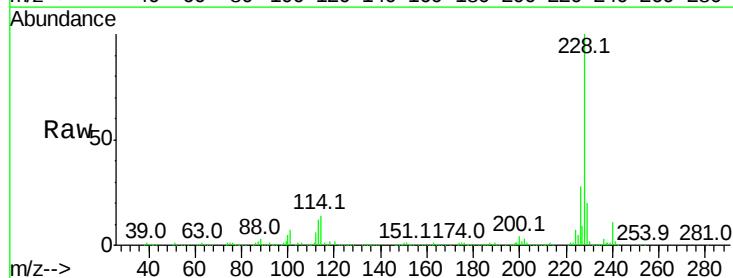
Instrument :
BNA_F
ClientSampleId :
PB97860BSD

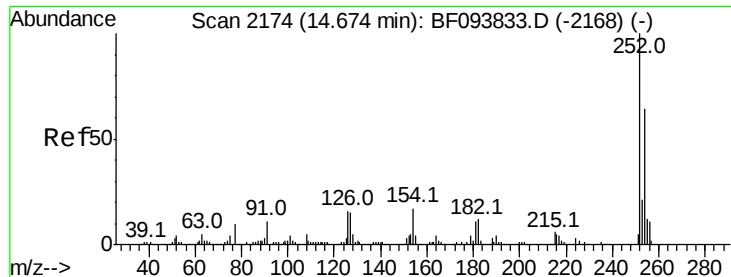
Tot Ion:149 Resp: 561847
Ion Ratio Lower Upper
149 100
91 65.2 45.0 67.4
206 18.0 17.0 25.6



#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

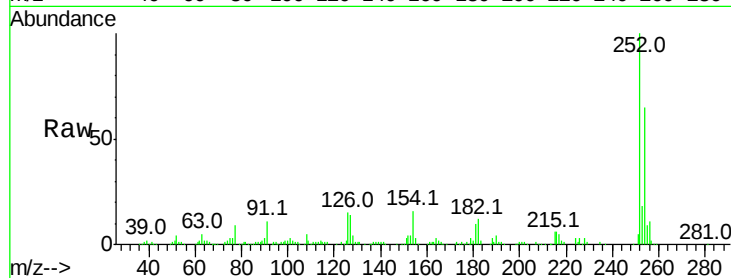




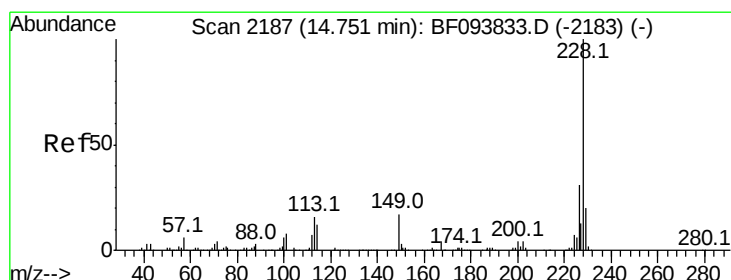
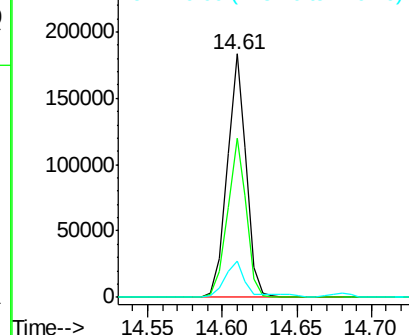
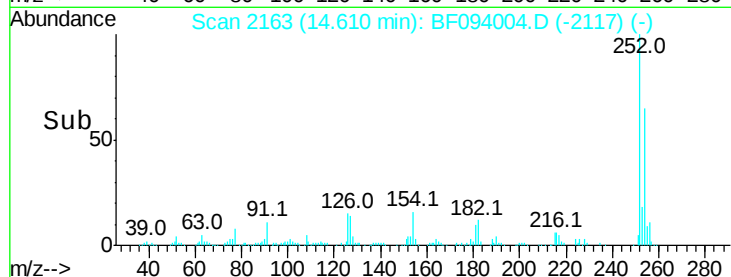
#81
 3,3'-Dichlorobenzidine
 Concen: 21.42 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

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

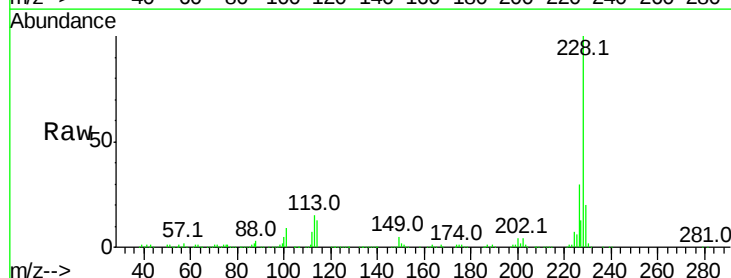


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

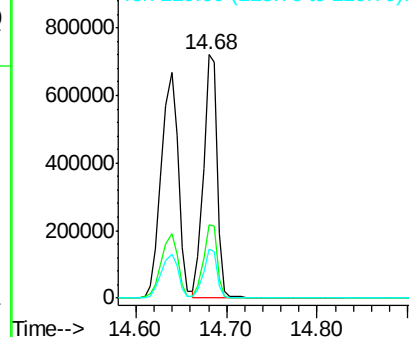
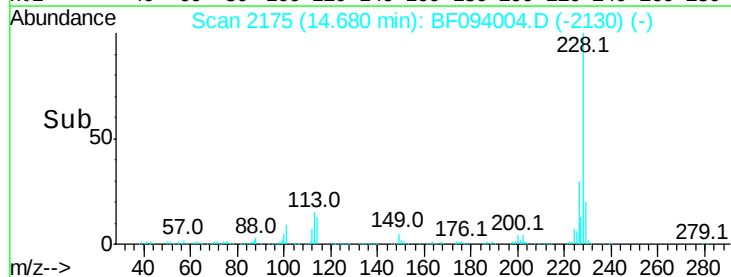


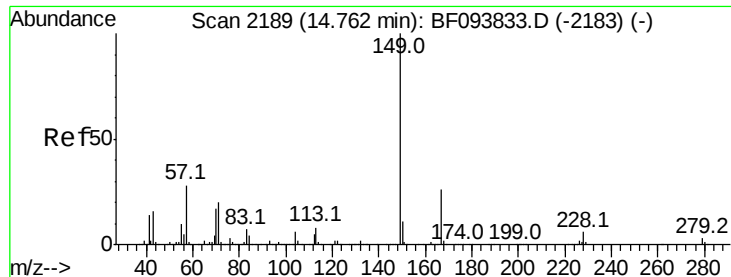
#82
 Chrysene
 Concen: 38.05 ng
 RT: 14.68 min Scan# 2175
 Delta R.T. -0.04 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

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



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 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 :

PB97860BSD

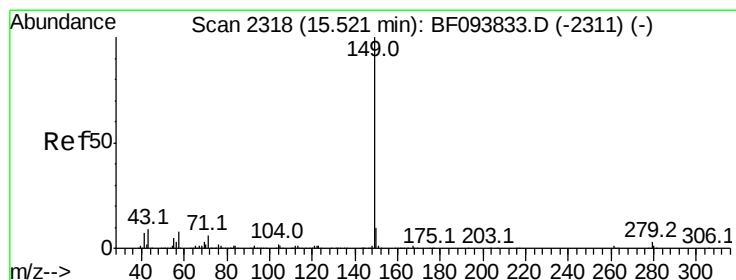
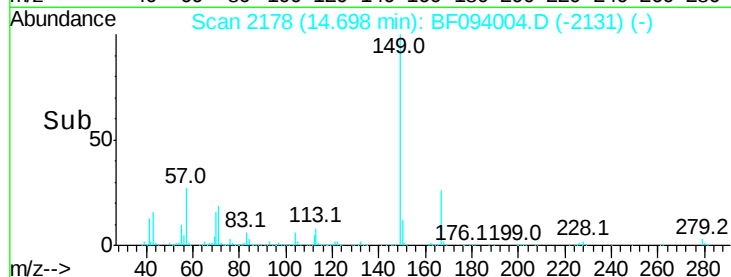
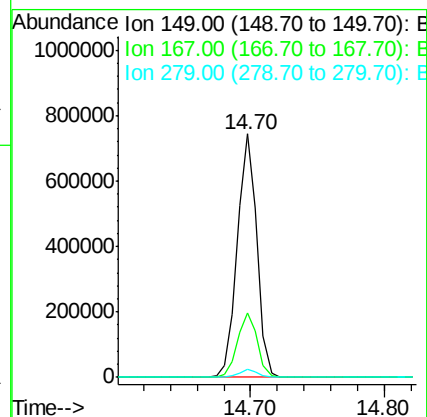
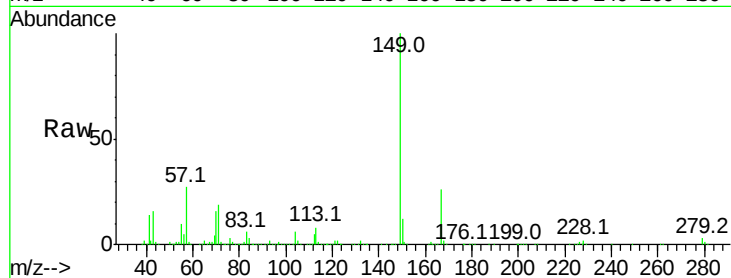
Tot Ion:149 Resp: 767500

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

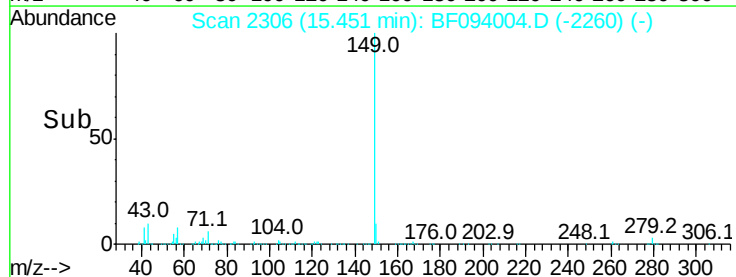
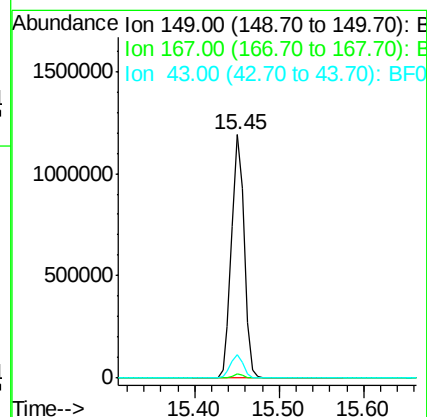
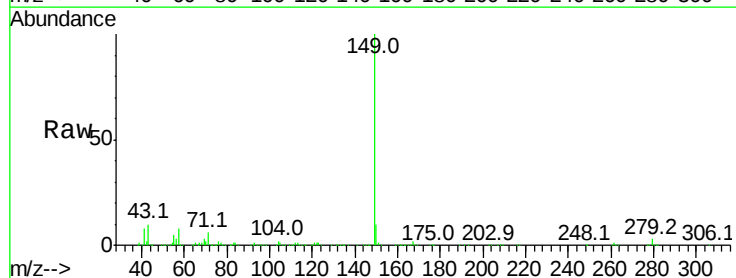
Tgt Ion:149 Resp: 1235482

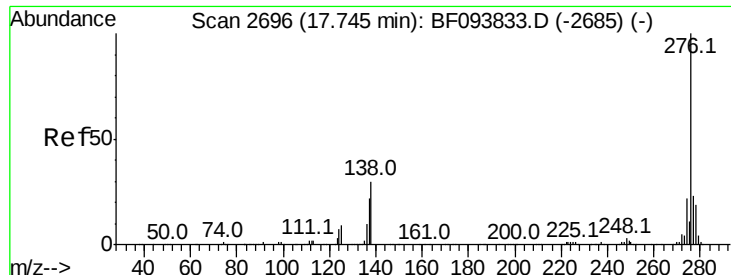
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.7 8.5 12.7

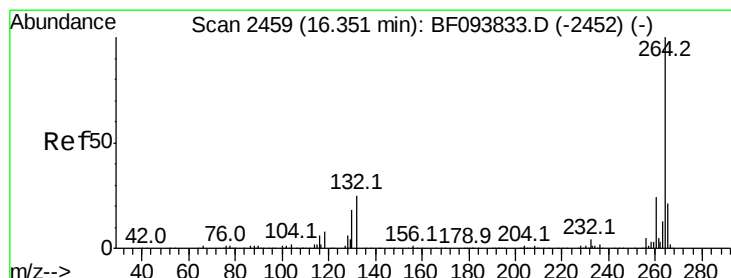
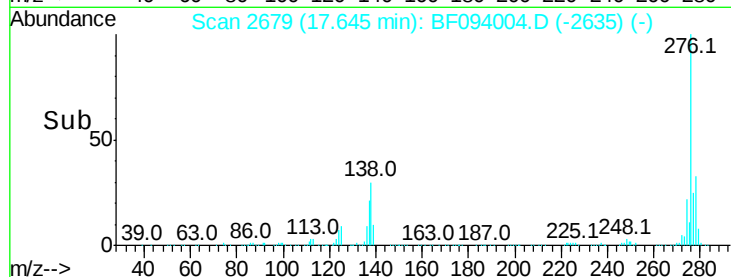
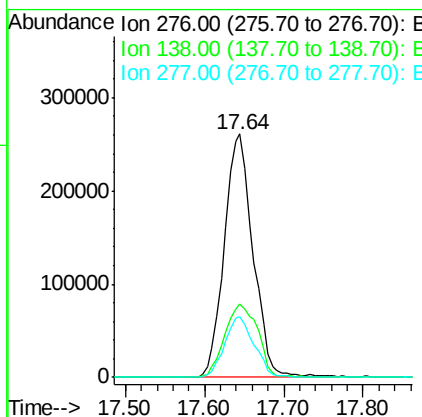
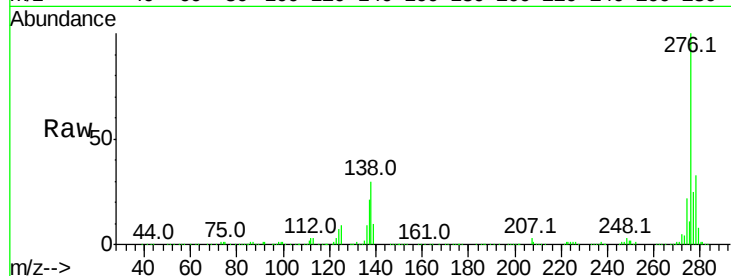




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.71 ng
 RT: 17.64 min Scan# 2679
 Delta R.T. -0.04 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

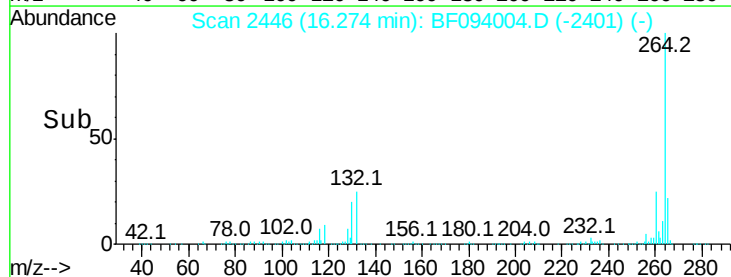
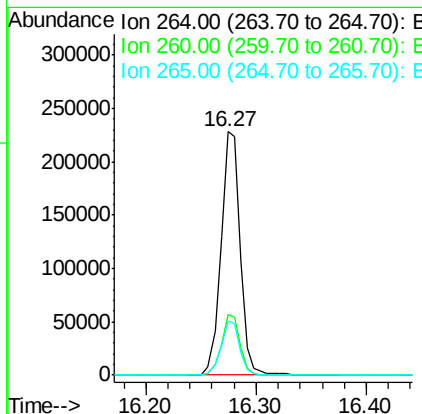
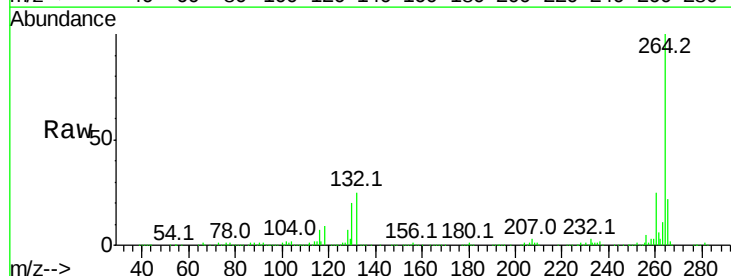
Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

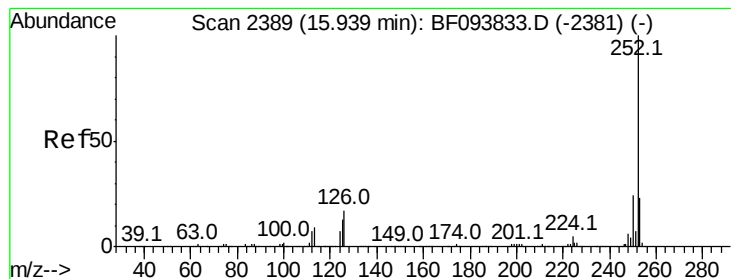
Tot Ion:276 Resp: 654271
 Ion Ratio Lower Upper
 276 100
 138 34.8 27.8 41.6
 277 25.5 20.2 30.4



#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:264 Resp: 275193
 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 :

PB97860BSD

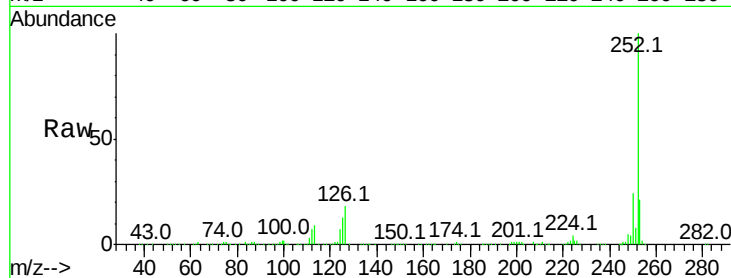
Tot Ion:252 Resp: 716311

Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

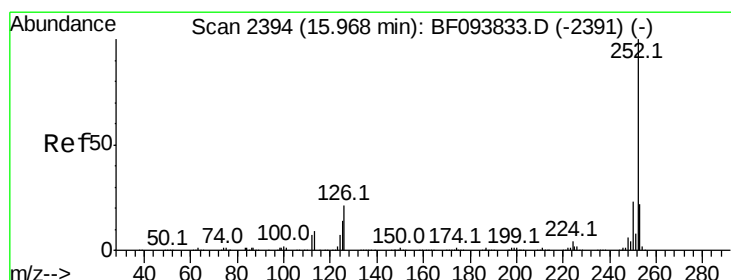
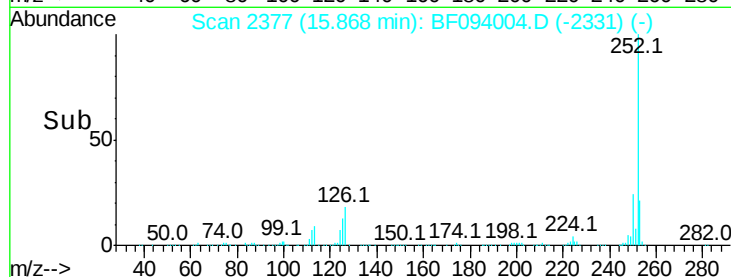
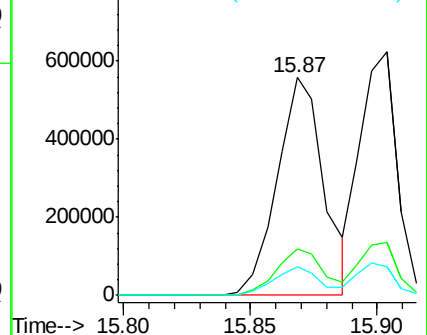
125 13.3 9.8 14.8



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

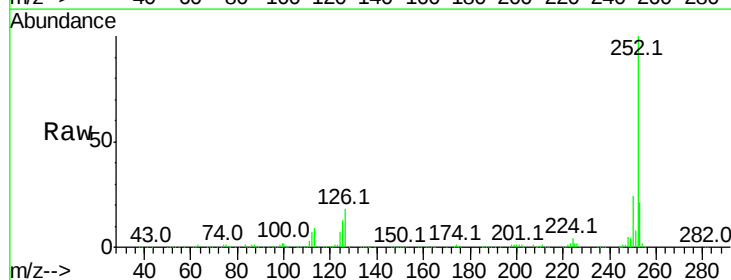
Tgt Ion:252 Resp: 716311

Ion Ratio Lower Upper

252 100

253 21.2 18.4 27.6

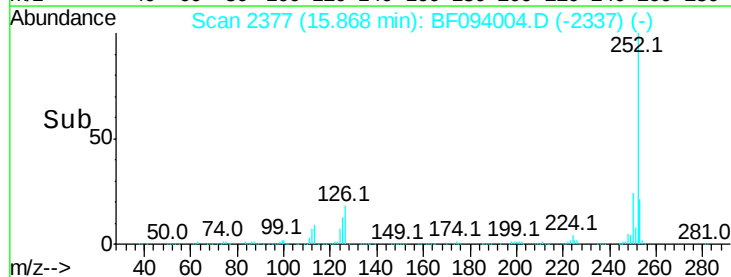
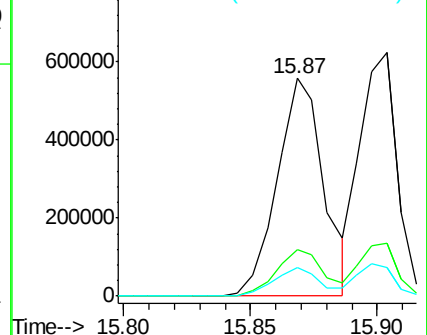
125 13.3 13.1 19.7

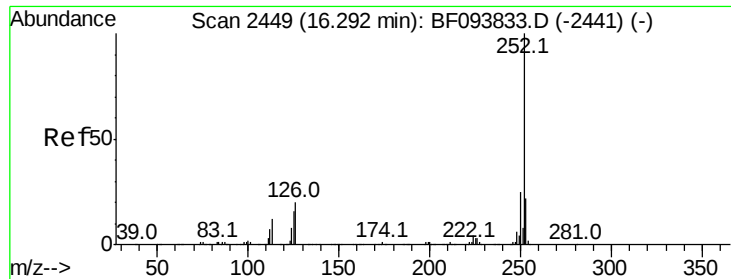


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

PB97860BSD

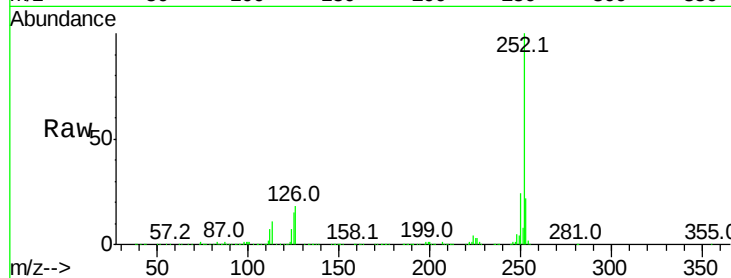
Tot Ion:252 Resp: 641758

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.8	11.0	16.4

252 100

253 21.7 17.5 26.3

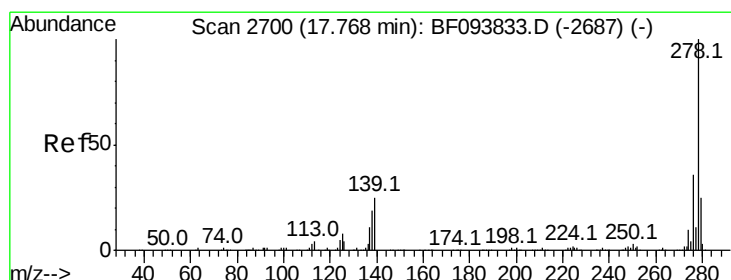
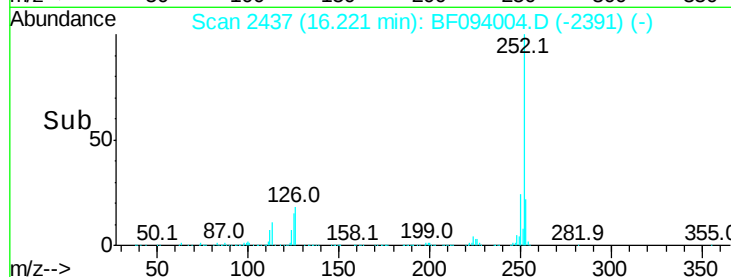
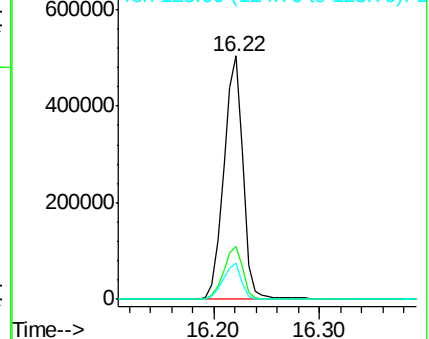
125 14.8 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 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

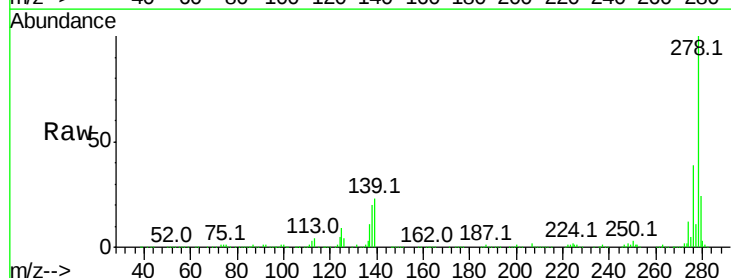
Tgt Ion:278 Resp: 543951

Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.6	24.8
279	24.3	19.3	28.9

278 100

139 23.2 16.6 24.8

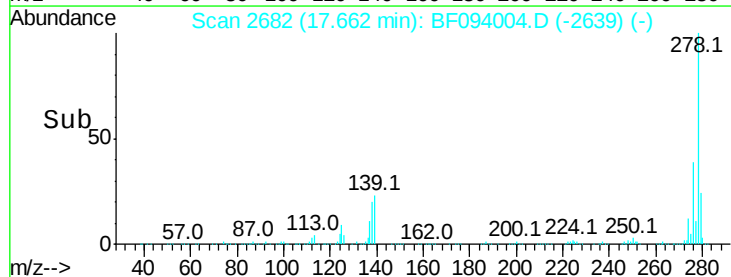
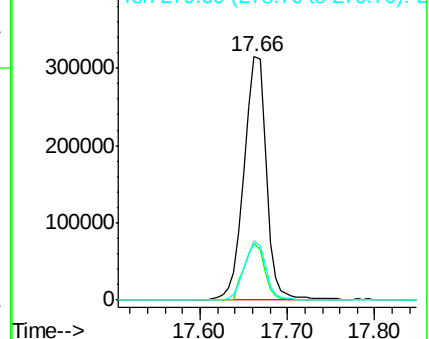
279 24.3 19.3 28.9

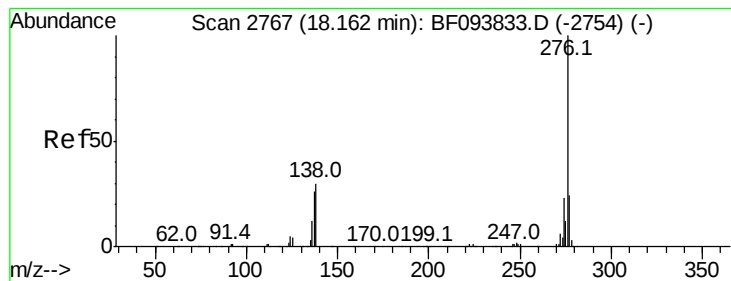


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 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 :

PB97860BSD

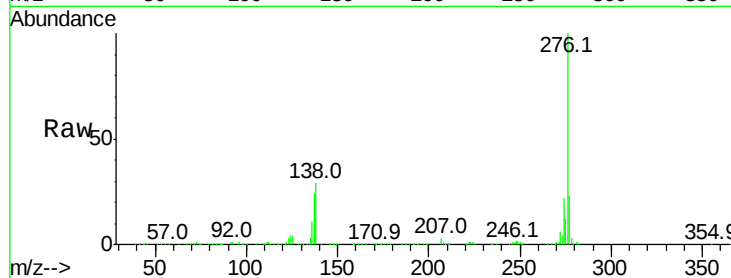
Tot Ion:276 Resp: 527287

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

