

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094009.D
 Acq On : 28 Mar 2017 22:54
 Operator : SJ/MA
 Sample : I2421-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:40:15 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	156276	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	650906	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	302602	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	521479	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	353468	20.00	ng	-0.03
86) Perylene-d12	16.28	264	265406	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1146172	123.88	ng	0.00
7) Phenol-d6	5.54	99	1421906	124.22	ng	-0.01
23) Nitrobenzene-d5	6.58	82	988655	86.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	346819	145.04	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1841018	92.80	ng	-0.02
78) Terphenyl-d14	13.38	244	1451946	92.07	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.34	88	176546	39.72	ng	97
3) Pyridine	2.82	79	382453	31.57	ng	98
4) n-Nitrosodimethylamine	2.79	42	216816	43.49	ng	92
6) Aniline	5.55	93	212432	13.34	ng	# 1
8) 2-Chlorophenol	5.70	128	485238	47.71	ng	95
9) Benzaldehyde	5.42	77	89898	11.63	ng	99
10) Phenol	5.55	94	527086	40.47	ng	98
11) bis(2-Chloroethyl)ether	5.64	93	555979	54.62	ng	94
12) 1,3-Dichlorobenzene	5.86	146	527089	46.20	ng	98
13) 1,4-Dichlorobenzene	5.95	146	530277	45.89	ng	98
14) 1,2-Dichlorobenzene	6.13	146	493213	46.35	ng	95
15) Benzyl Alcohol	6.10	79	411036	49.06	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	663744	42.32	ng	97
17) 2-Methylphenol	6.24	107	407444	46.78	ng	98
18) Hexachloroethane	6.52	117	187432	46.15	ng	# 87
19) n-Nitroso-di-n-propylamine	6.42	70	347463	47.23	ng	98
20) 3+4-Methylphenols	6.42	107	508084	48.17	ng	# 64
22) Acetophenone	6.40	105	703773	48.51	ng	# 88
24) Nitrobenzene	6.60	77	517560	46.01	ng	95
25) Isophorone	6.89	82	949195	47.36	ng	95
26) 2-Nitrophenol	6.98	139	273154	50.92	ng	99
27) 2,4-Dimethylphenol	7.05	122	463357	50.13	ng	99
28) bis(2-Chloroethoxy)methane	7.15	93	615558	46.58	ng	99
29) 2,4-Dichlorophenol	7.27	162	438035	50.68	ng	99
30) 1,2,4-Trichlorobenzene	7.37	180	425614	47.81	ng	99
31) Naphthalene	7.46	128	1441617	46.06	ng	99
32) Benzoic acid	7.19	122	218112	35.45	ng	99
33) 4-Chloroaniline	7.53	127	153866	12.13	ng	# 94
34) Hexachlorobutadiene	7.62	225	214189	46.92	ng	98
35) Caprolactam	7.98	113	87356	31.70	ng	93
36) 4-Chloro-3-methylphenol	8.15	107	467155	51.73	ng	90
37) 2-Methylnaphthalene	8.30	142	1018300	48.81	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	370480	44.75	ng	99
40) Hexachlorocyclopentadiene	8.50	237	358183	92.47	ng	98

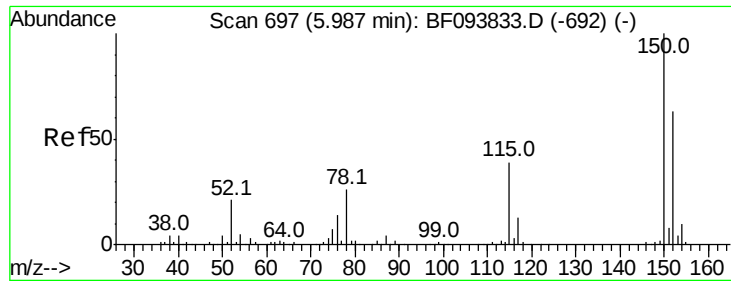
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	298383	50.95	nq	95
43) 2,4,5-Trichlorophenol	8.71	196	301245	47.54	nq	97
45) 1,1'-Biphenyl	8.88	154	1145048	46.91	nq	98
46) 2-Chloronaphthalene	8.90	162	904643	47.35	nq	94
47) 2-Nitroaniline	9.03	65	273366	48.23	nq	# 82
48) Acenaphthylene	9.40	152	1415669	44.58	nq	100
49) Dimethylphthalate	9.27	163	1088352	50.60	nq	100
50) 2,6-Dinitrotoluene	9.33	165	250717	50.85	nq	94
51) Acenaphthene	9.62	154	851041	45.93	nq	99
52) 3-Nitroaniline	9.53	138	117975	20.38	nq	94
53) 2,4-Dinitrophenol	9.67	184	226632	85.55	nq	# 69
54) Dibenzofuran	9.83	168	1229396	48.74	nq	100
55) 4-Nitrophenol	9.77	139	340459	75.08	nq	# 69
56) 2,4-Dinitrotoluene	9.83	165	297449	48.02	nq	# 70
57) Fluorene	10.25	166	907545	43.39	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	229117	52.69	nq	98
59) Diethylphthalate	10.14	149	1068499	50.26	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	395620	44.40	nq	94
61) 4-Nitroaniline	10.29	138	241040	43.38	nq	94
62) Azobenzene	10.46	77	1016008	50.52	nq	94
64) 4,6-Dinitro-2-methylphenol	10.33	198	155079	48.56	nq	# 75
65) n-Nitrosodiphenylamine	10.41	169	889967	49.35	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	257893	50.28	nq	99
67) Hexachlorobenzene	10.93	284	263207	50.70	nq	# 86
68) Atrazine	11.08	200	241218	44.66	nq	95
69) Pentachlorophenol	11.17	266	271853	84.13	nq	99
70) Phenanthrene	11.43	178	1357789	46.81	nq	99
71) Anthracene	11.50	178	1407524	47.12	nq	99
72) Carbazole	11.70	167	1281807	41.85	nq	98
73) Di-n-butylphthalate	12.15	149	1617221	50.77	nq	99
74) Fluoranthene	12.89	202	1334339	44.92	nq	99
76) Benzidine	13.06	184	187115	13.38	nq	# 92
77) Pyrene	13.17	202	1340144	52.24	nq	99
79) Butylbenzylphthalate	13.99	149	645290	59.04	nq	# 86
80) Benzo(a)anthracene	14.64	228	998694	48.45	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	209163	28.39	nq	96
82) Chrysene	14.69	228	856163	44.76	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	896440	60.12	nq	100
84) Di-n-octyl phthalate	15.45	149	1455470	58.43	nq	97
85) Indeno(1,2,3-cd)pyrene	17.64	276	785856	47.44	nq	100
87) Benzo(b)fluoranthene	15.87	252	808471	49.70	nq	100
88) Benzo(k)fluoranthene	15.90	252	746486	46.90	nq	# 95
89) Benzo(a)pyrene	16.22	252	748557	49.97	nq	98
90) Dibenzo(a,h)anthracene	17.67	278	648217	51.09	nq	98
91) Benzo(g,h,i)perylene	18.04	276	631603	49.40	nq	98

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

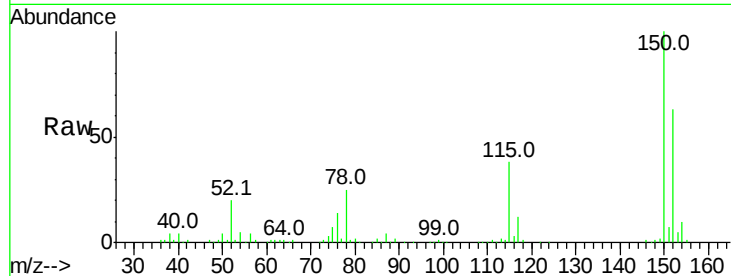


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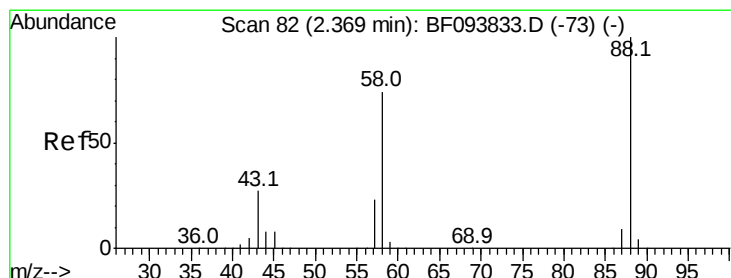
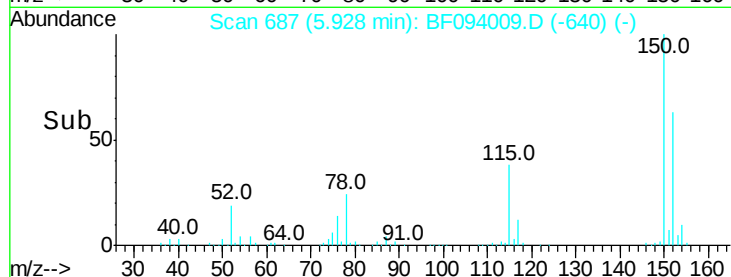
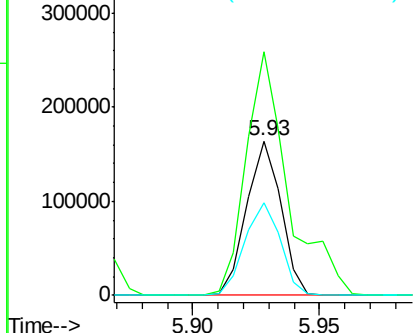
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156276
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 60.1 52.2 78.2



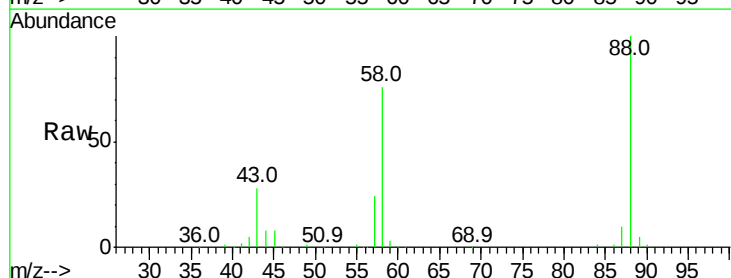
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



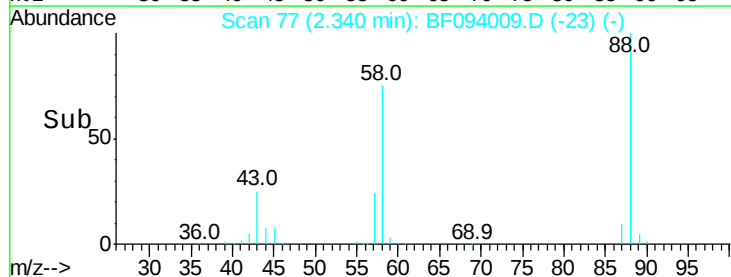
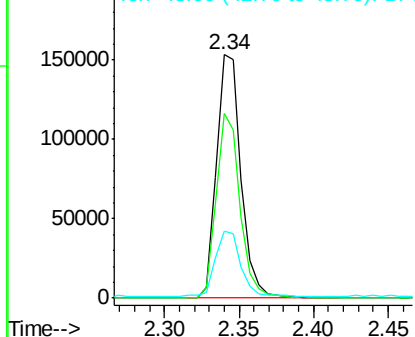
#2

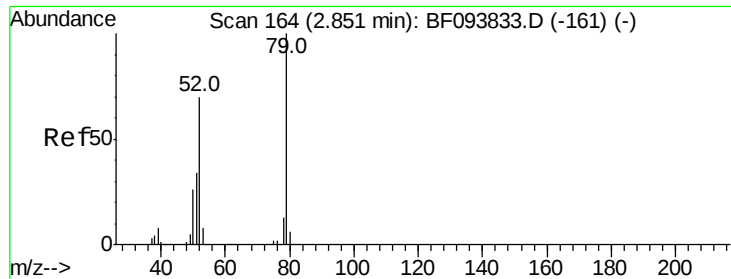
1,4-Dioxane
Concen: 39.72 ng
RT: 2.34 min Scan# 77
Delta R.T. 0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion: 88 Resp: 176546
Ion Ratio Lower Upper
88 100
58 73.9 61.4 92.0
43 27.1 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

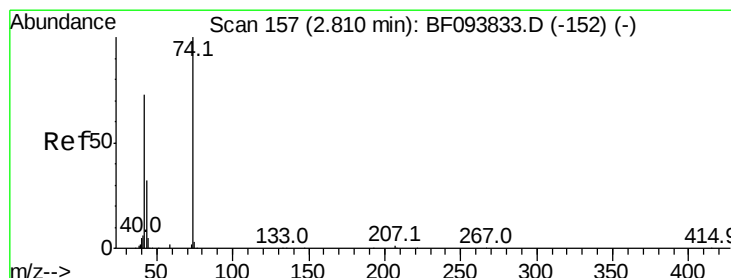
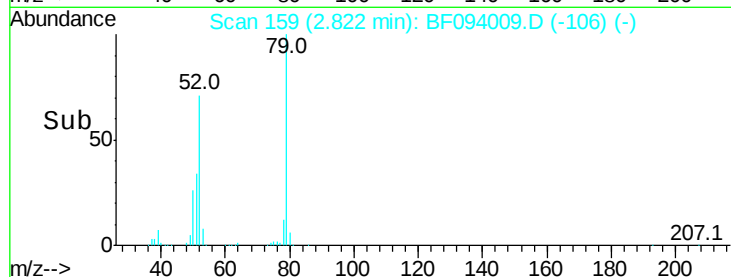
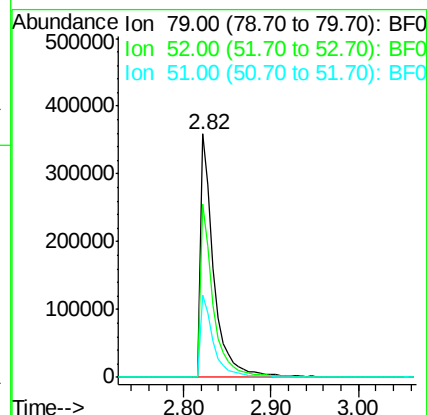
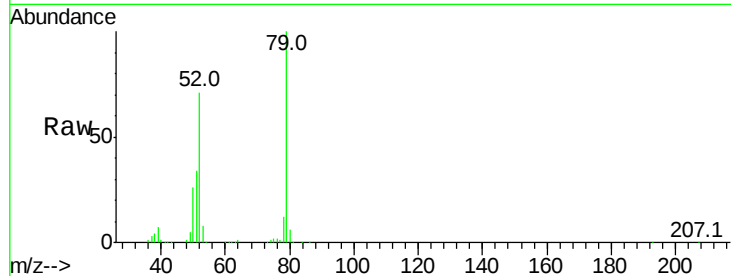




#3
 Pvrindine
 Concen: 31.57 ng
 RT: 2.82 min Scan# 159
 Delta R.T. 0.01 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

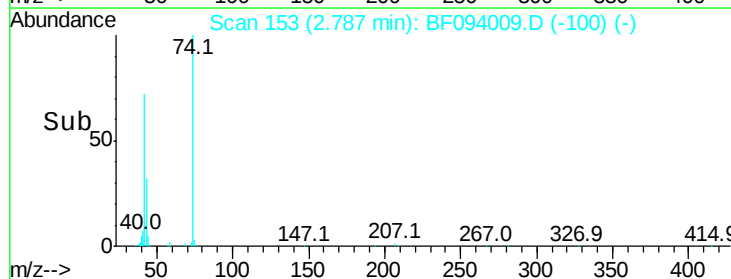
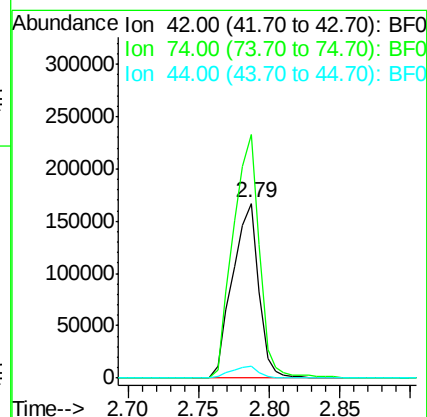
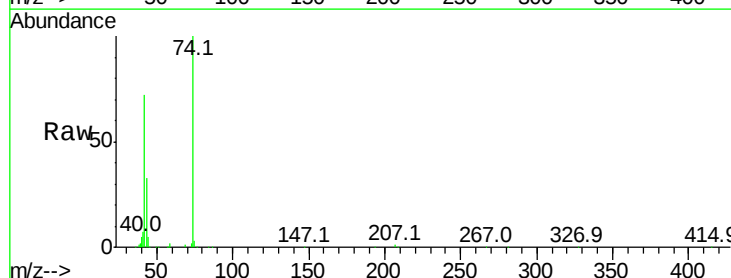
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 382453
 Ion Ratio Lower Upper
 79 100
 52 71.3 54.8 82.2
 51 33.9 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 43.49 ng
 RT: 2.79 min Scan# 153
 Delta R.T. 0.01 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion: 42 Resp: 216816
 Ion Ratio Lower Upper
 42 100
 74 139.4 103.9 155.9
 44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 123.88 ng

RT: 4.47 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampled :

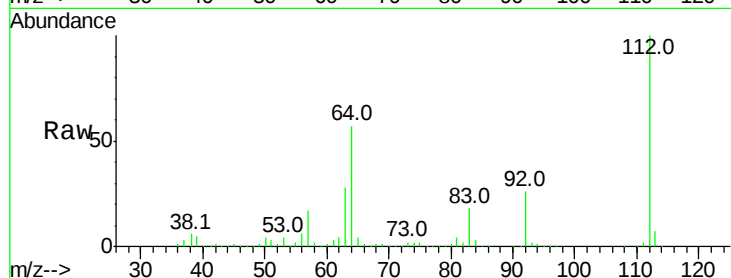
Tot Ion:112 Resp: 1146172

Ion Ratio Lower Upper

112 100

64 57.0 46.0 69.0

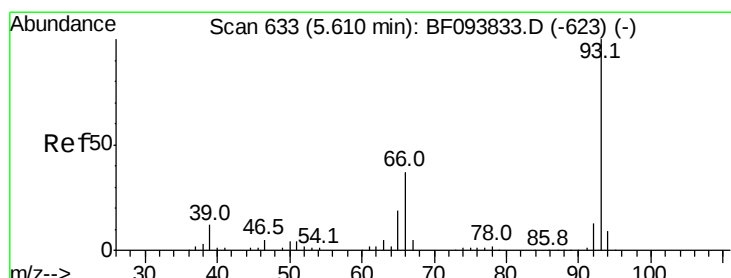
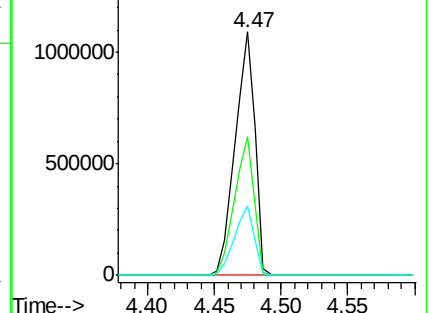
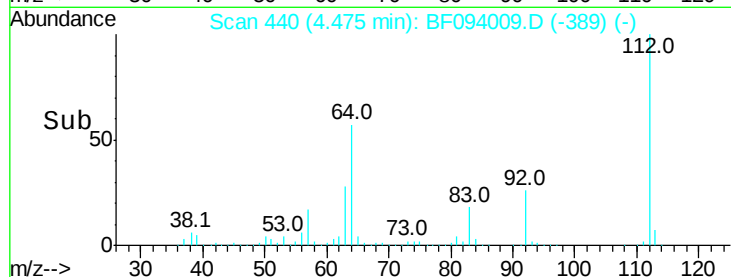
63 28.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.34 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

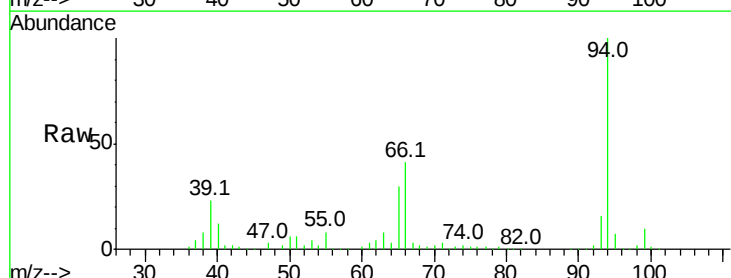
Tgt Ion: 93 Resp: 212432

Ion Ratio Lower Upper

93 100

66 257.4 32.9 49.3#

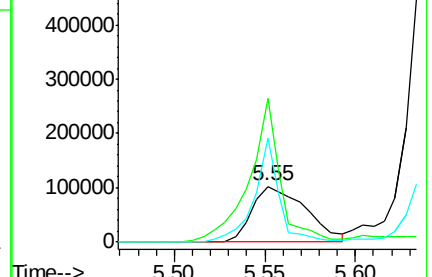
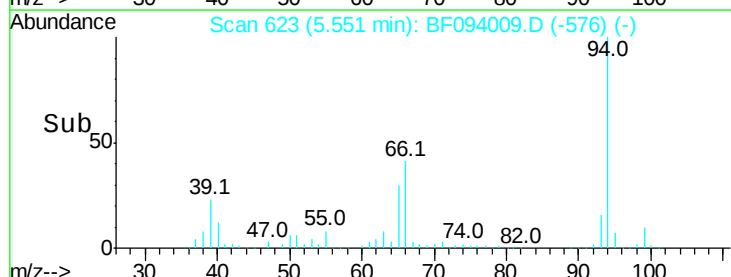
65 186.6 16.0 24.0#

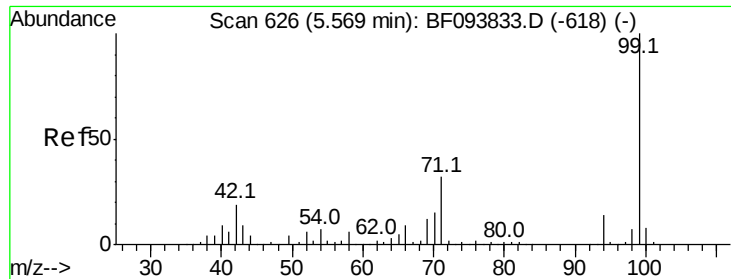


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.22 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampled :

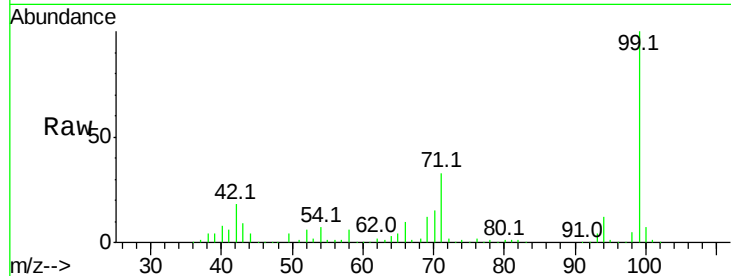
Tot Ion: 99 Resp: 1421906

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

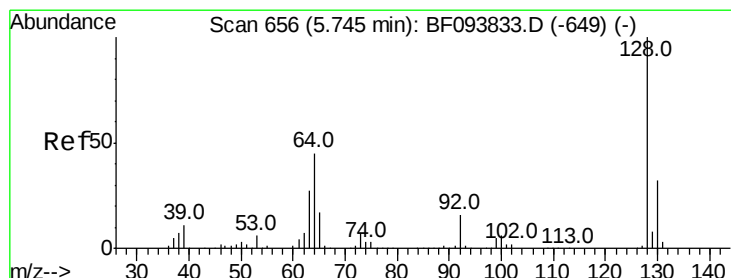
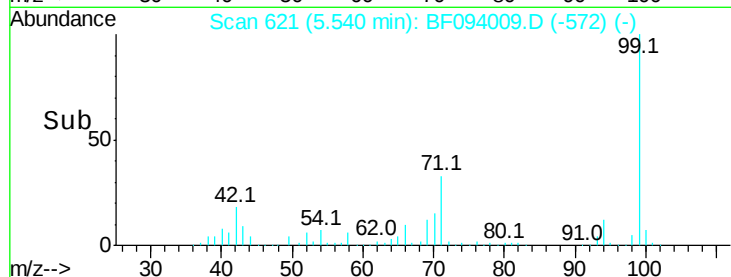
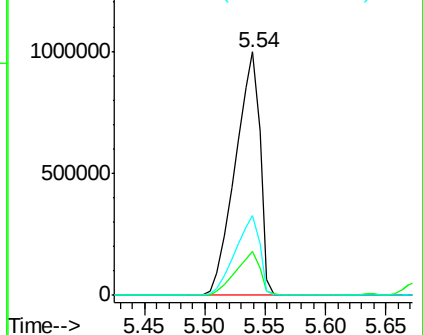
71 33.0 24.5 36.7



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: 47.71 ng

RT: 5.70 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

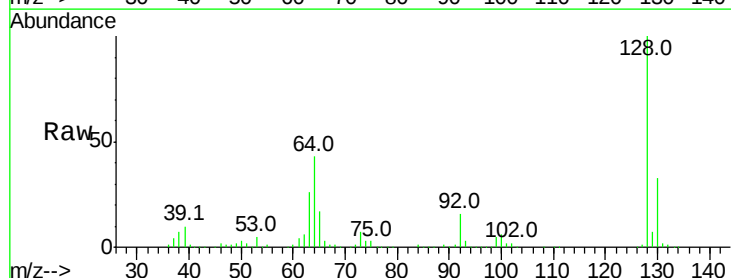
Tgt Ion:128 Resp: 485238

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

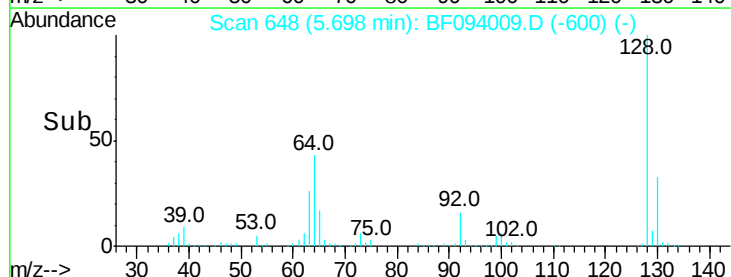
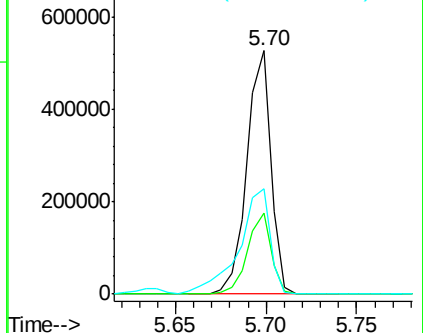
64 43.2 28.4 68.4

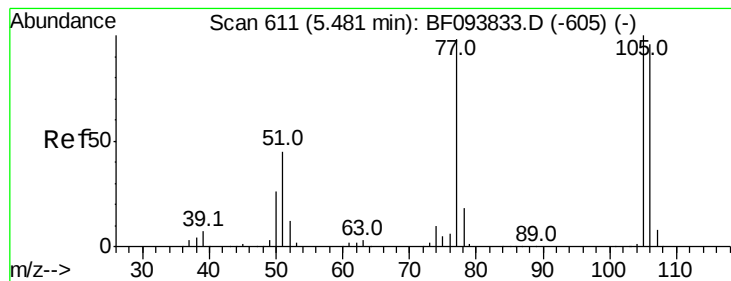


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.63 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampled :

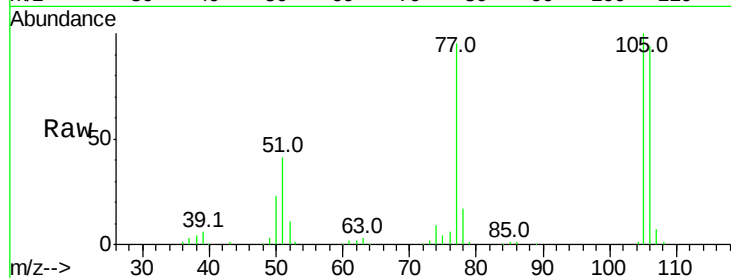
Tot Ion: 77 Resp: 89898

Ion Ratio Lower Upper

77 100

105 105.1 83.8 123.8

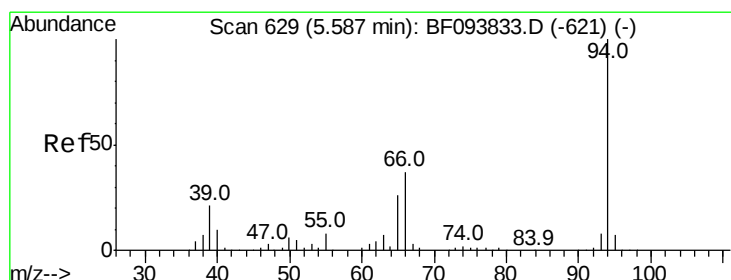
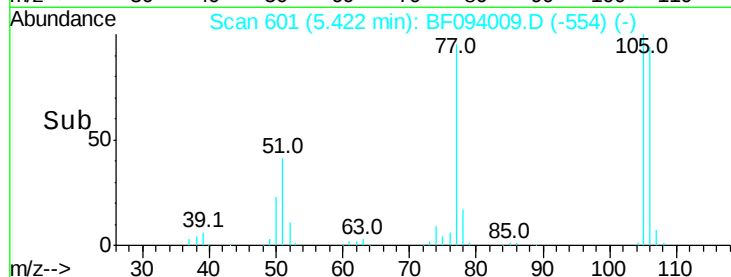
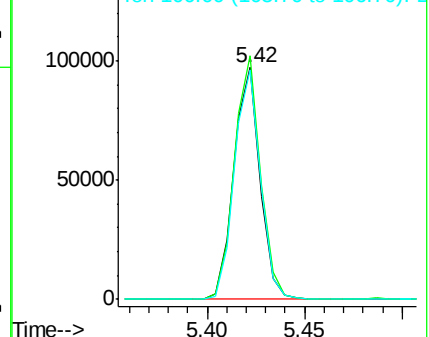
106 98.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.47 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

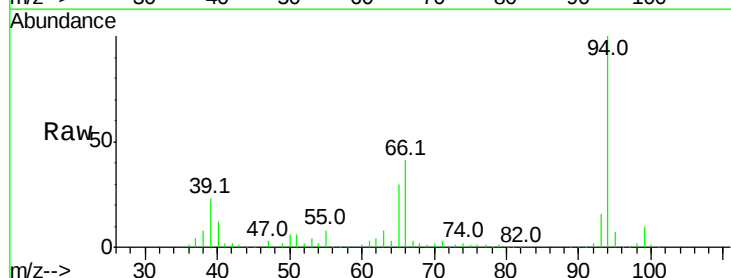
Tgt Ion: 94 Resp: 527086

Ion Ratio Lower Upper

94 100

65 29.6 9.9 49.9

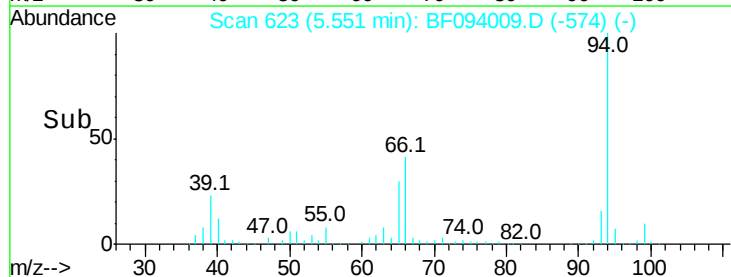
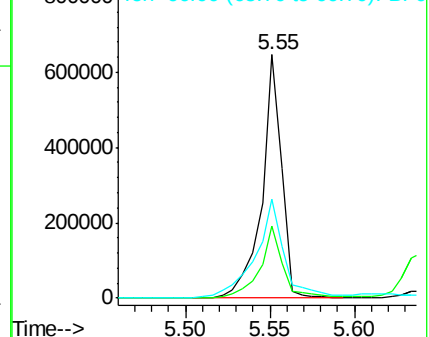
66 40.8 23.1 63.1

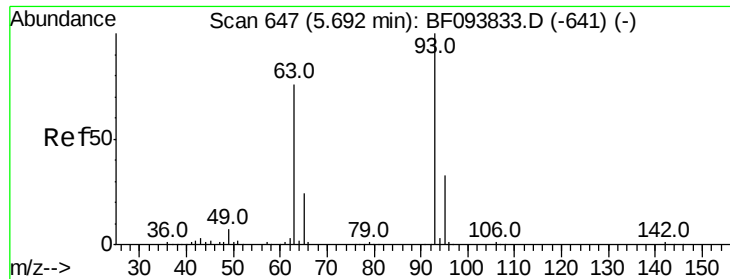


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

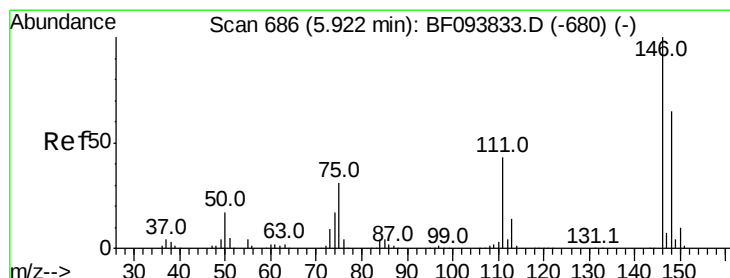
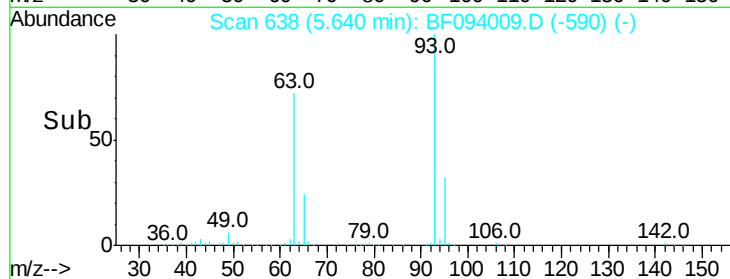
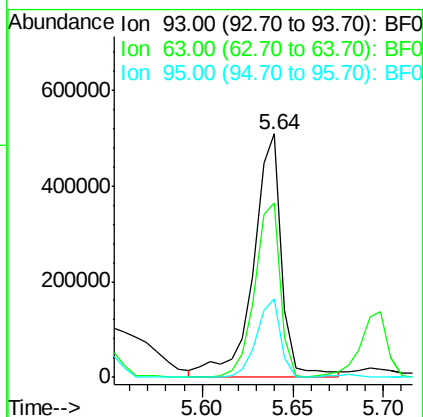
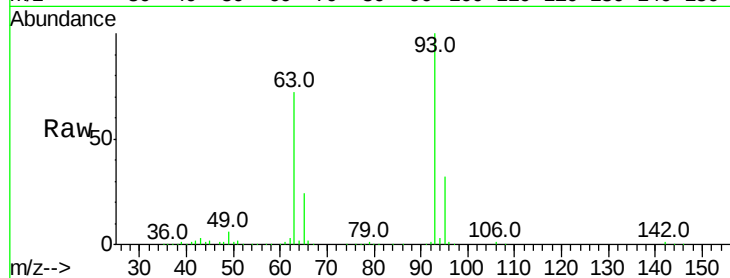




#11
 bis(2-Chloroethyl)ether
 Concen: 54.62 ng
 RT: 5.64 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

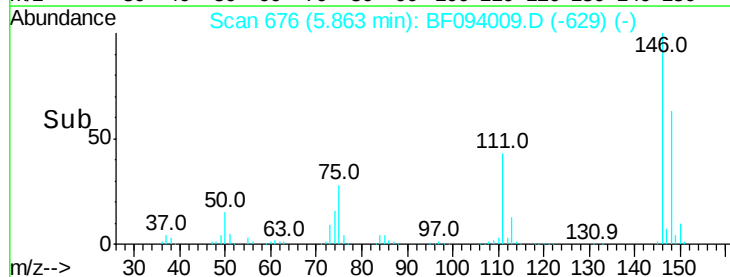
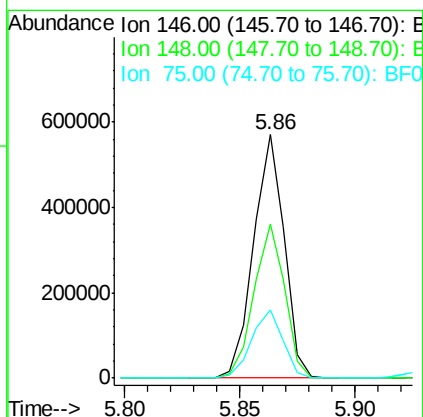
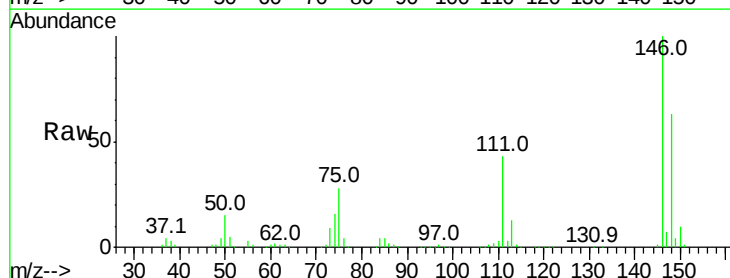
Instrument :
 BNA_F
 ClientSampleId :

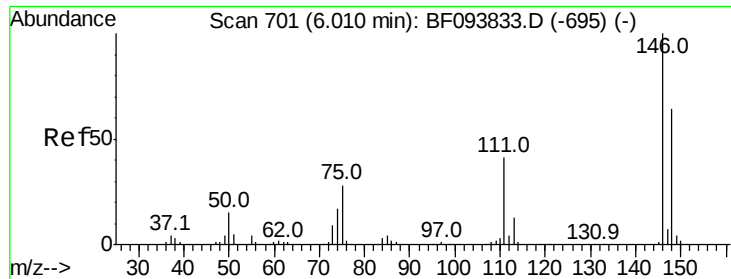
Tot Ion: 93 Resp: 555979
 Ion Ratio Lower Upper
 93 100
 63 71.5 59.2 99.2
 95 32.4 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 46.20 ng
 RT: 5.86 min Scan# 676
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion: 146 Resp: 527089
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.6
 75 28.0 23.1 34.7

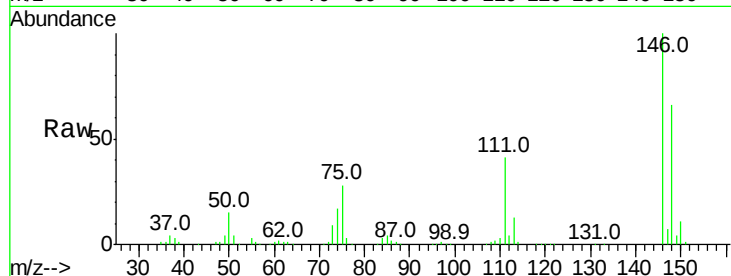




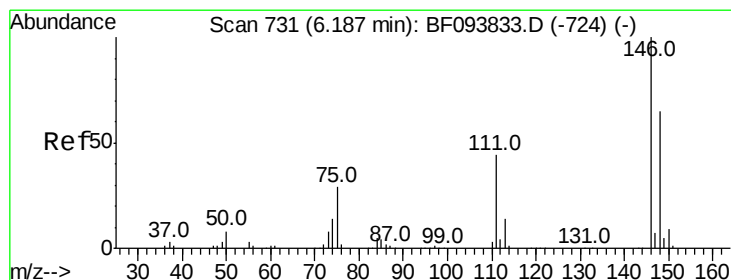
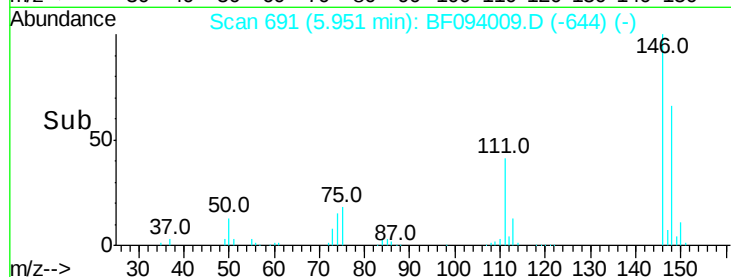
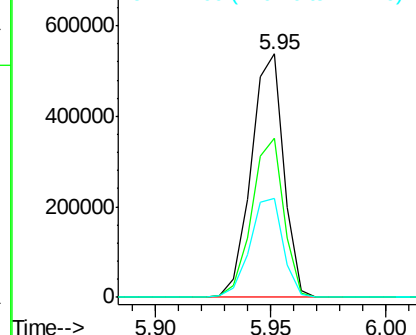
#13
 1,4-Dichlorobenzene
 Concen: 45.89 ng
 RT: 5.95 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 530277
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 40.7 30.3 45.5

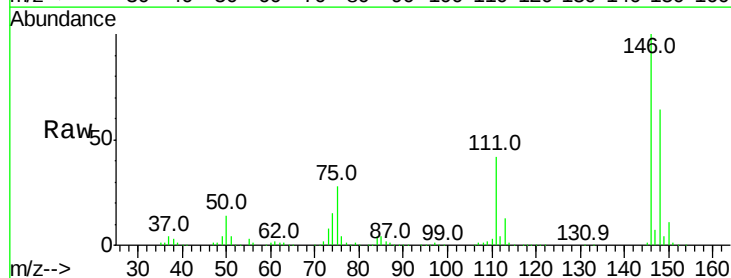


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

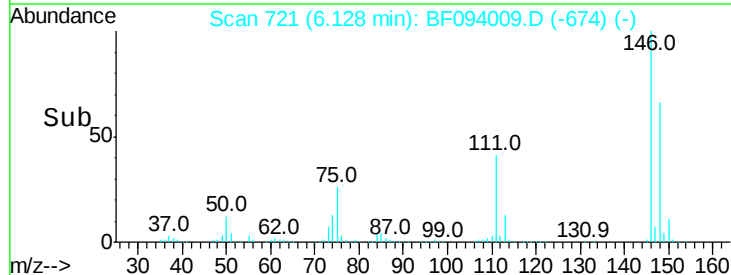
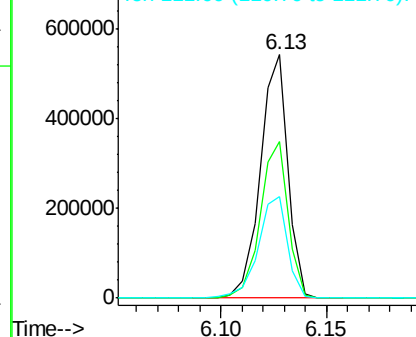


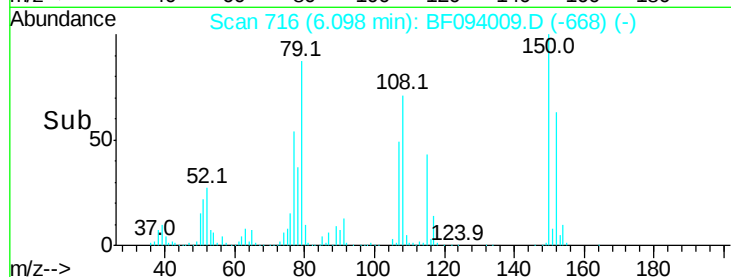
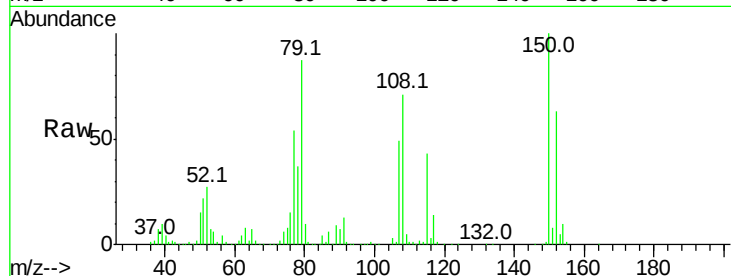
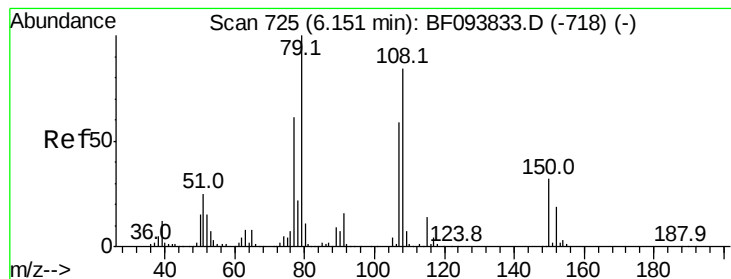
#14
 1,2-Dichlorobenzene
 Concen: 46.35 ng
 RT: 6.13 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:146 Resp: 493213
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 111 41.6 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: 49.06 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampled :

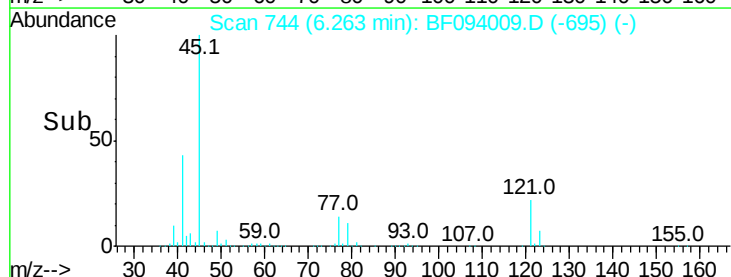
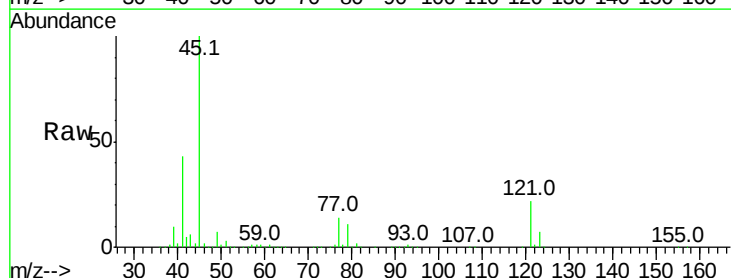
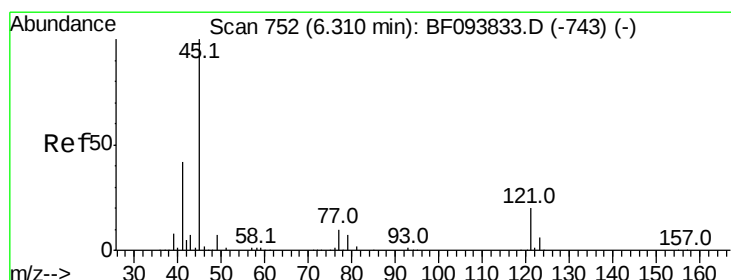
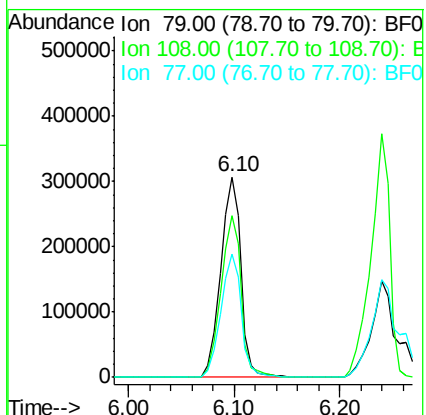
Tot Ion: 79 Resp: 411036

Ion Ratio Lower Upper

79 100

108 80.8 63.4 95.0

77 61.5 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.32 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

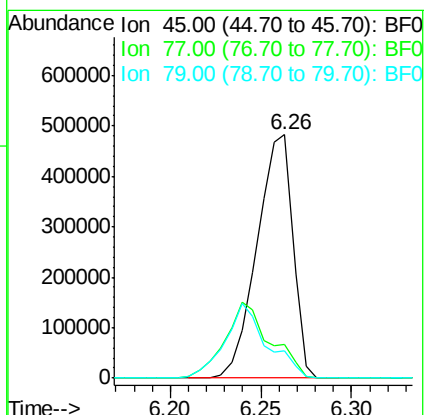
Tgt Ion: 45 Resp: 663744

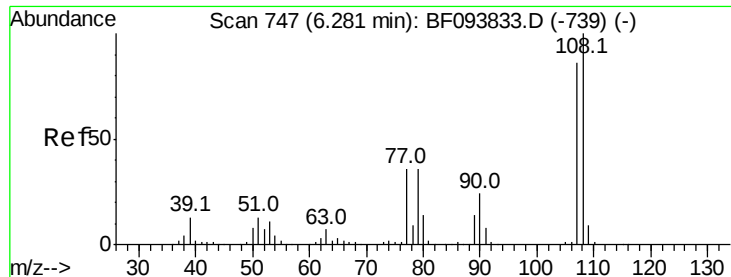
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.2

79 11.3 0.0 30.0

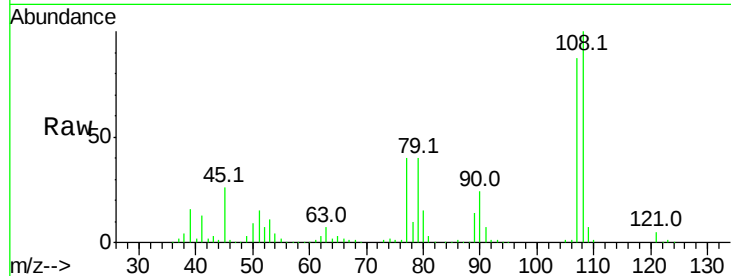




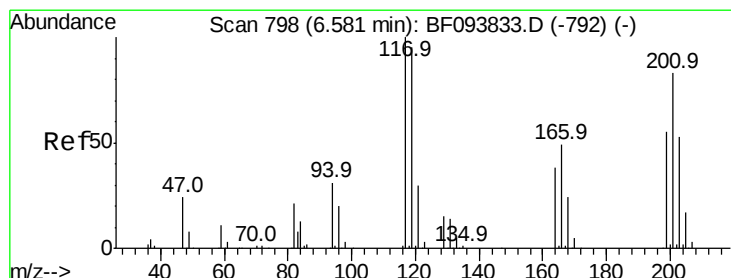
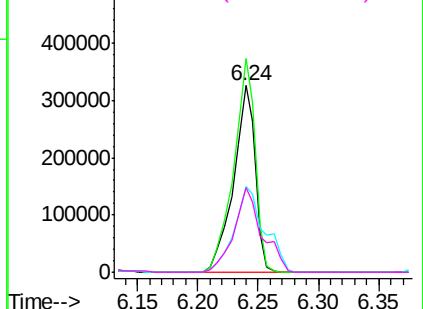
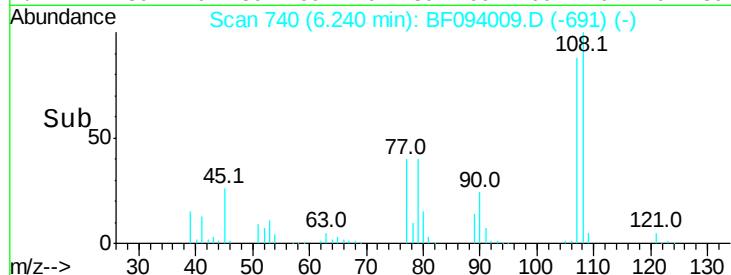
#17
2-Methylphenol
Concen: 46.78 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 407444
Ion Ratio Lower Upper
107 100
108 114.4 93.4 140.0
77 46.2 35.8 53.6
79 45.5 34.8 52.2

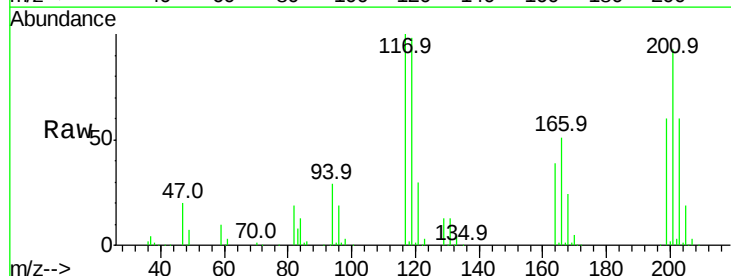


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

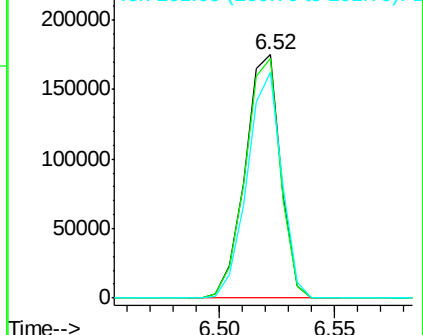
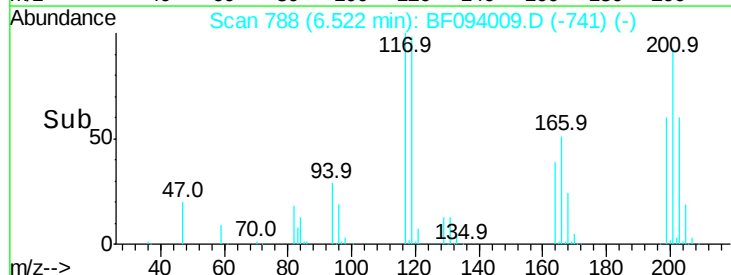


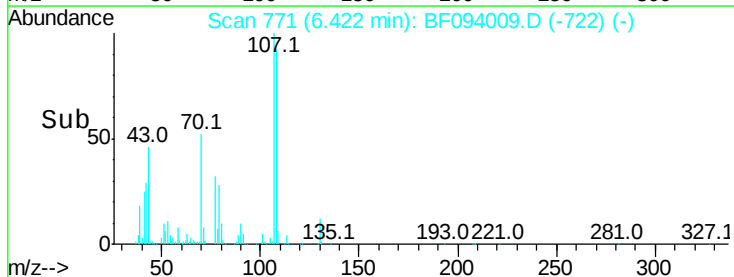
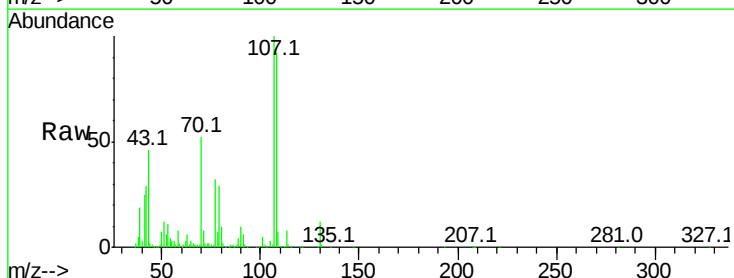
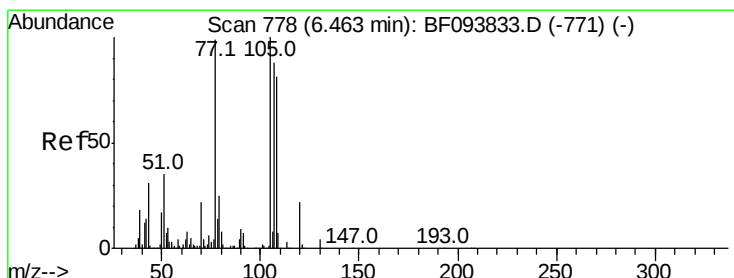
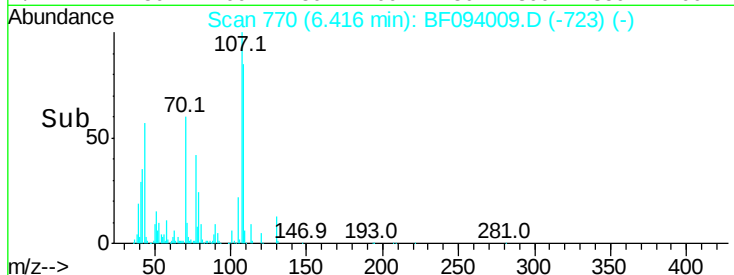
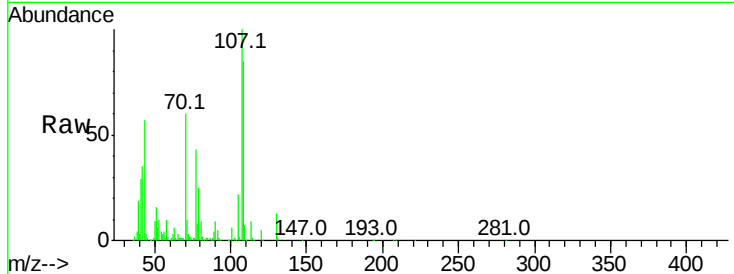
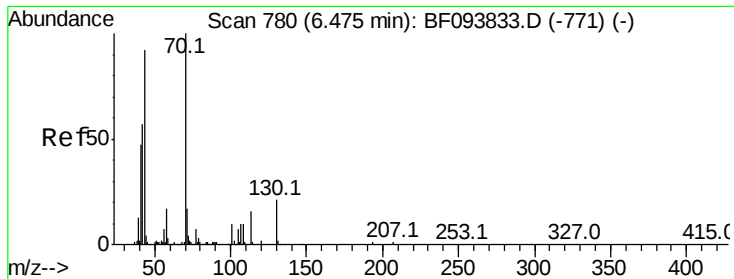
#18
Hexachloroethane
Concen: 46.15 ng
RT: 6.52 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion:117 Resp: 187432
Ion Ratio Lower Upper
117 100
119 98.3 77.4 116.0
201 92.9 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: 47.23 ng

RT: 6.42 min Scan# 770

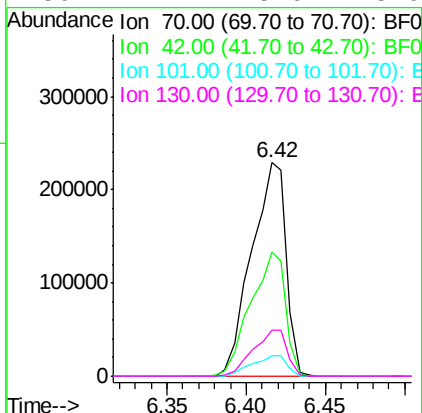
Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	347463
Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.2	70.8
101	9.3	7.2	10.8
130	21.7	15.9	23.9



#20

3+4-Methylphenols

Concen: 48.17 ng

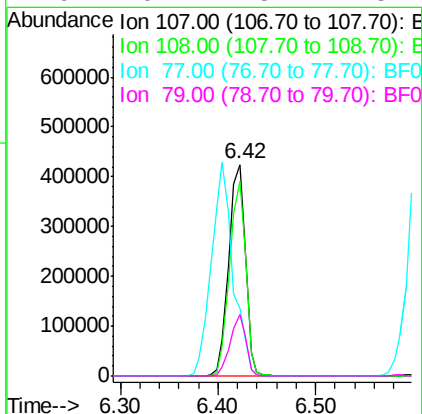
RT: 6.42 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion:	107	Resp:	508084
Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.0	111.0
77	31.9	90.5	130.5#
79	29.1	8.4	48.4

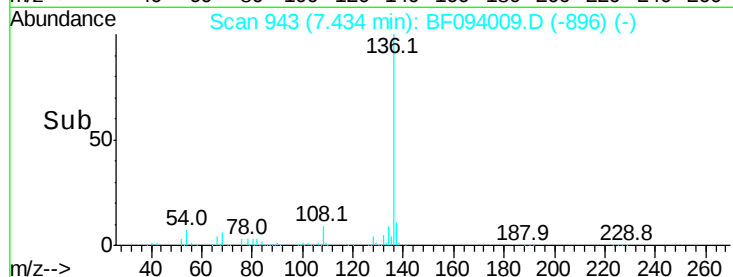
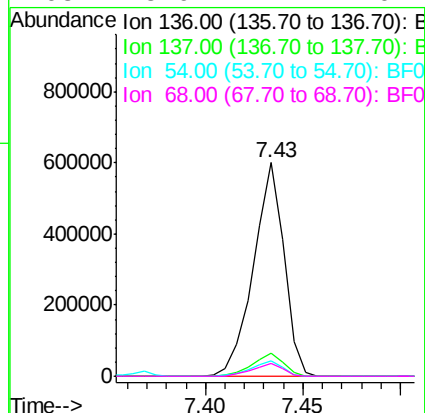
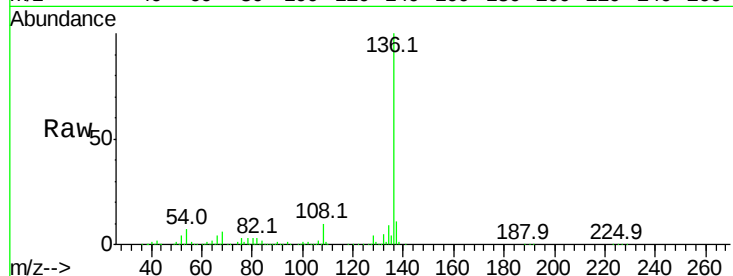




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

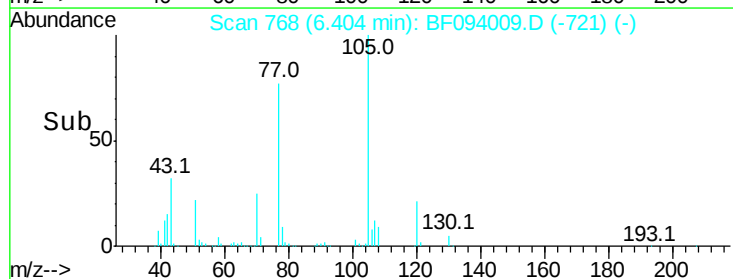
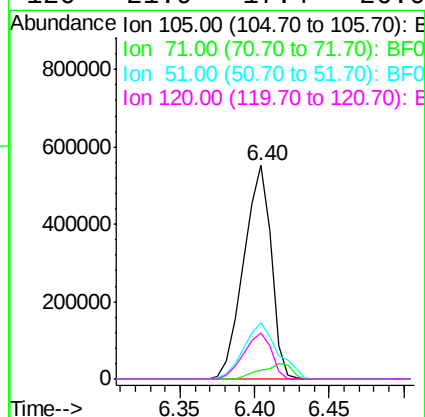
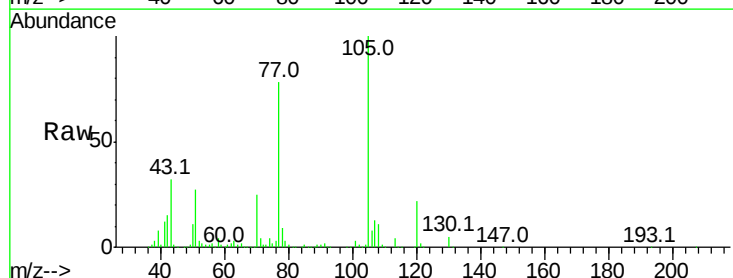
Instrument :
BNA_F
ClientSampleId :

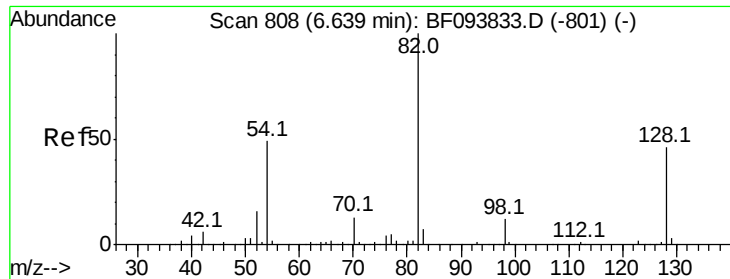
Tot Ion:136	Resp: 650906
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 7.3	4.9 7.3
68 5.9	4.1 6.1



#22
Acetophenone
Concen: 48.51 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt	Ion:105	Resp:	703773
Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.8	4.2
51	26.6	30.7	46.1#
120	21.9	17.4	26.0

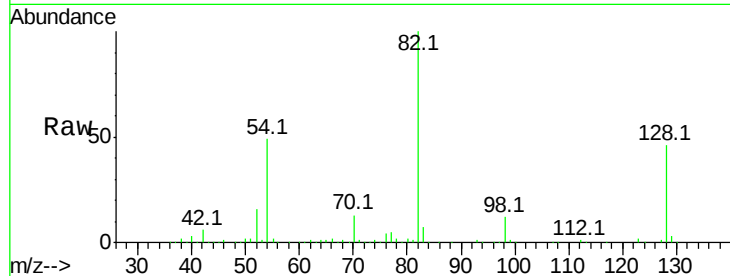




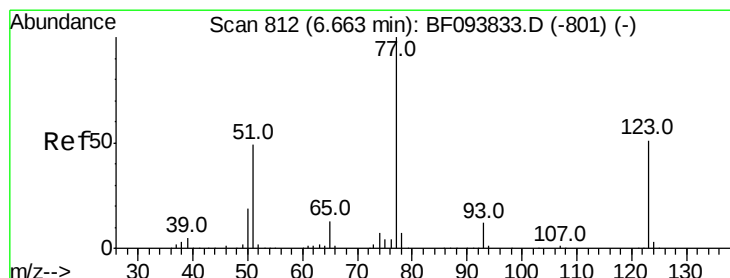
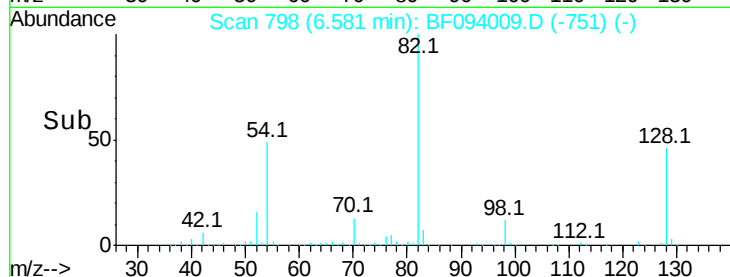
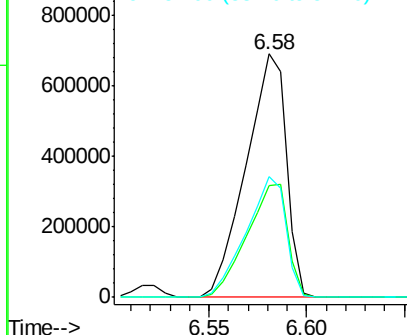
#23
Nitrobenzene-d5
Concen: 86.68 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 988655
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 49.4 42.2 63.2

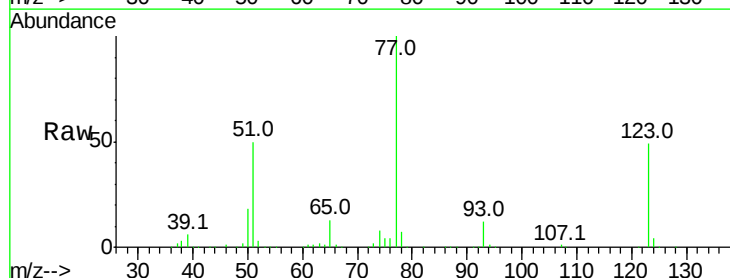


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

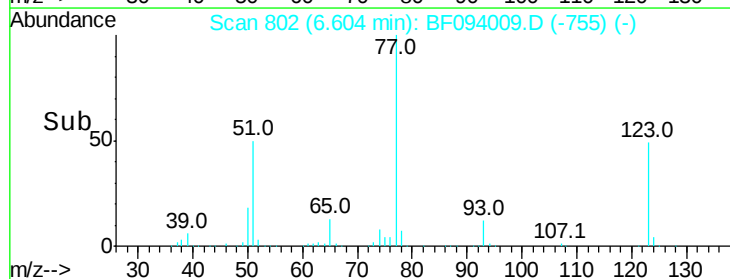
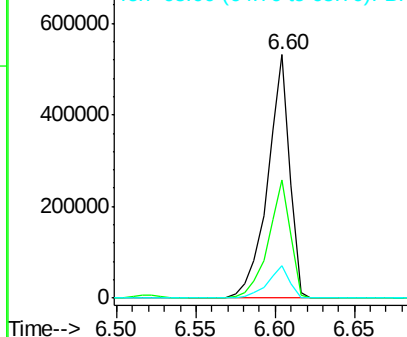


#24
Nitrobenzene
Concen: 46.01 ng
RT: 6.60 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion: 77 Resp: 517560
Ion Ratio Lower Upper
77 100
123 48.8 35.8 53.8
65 13.3 10.6 15.8



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





#25

Isophorone

Concen: 47.36 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampleId :

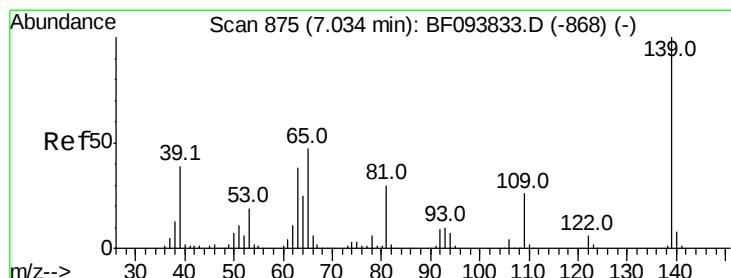
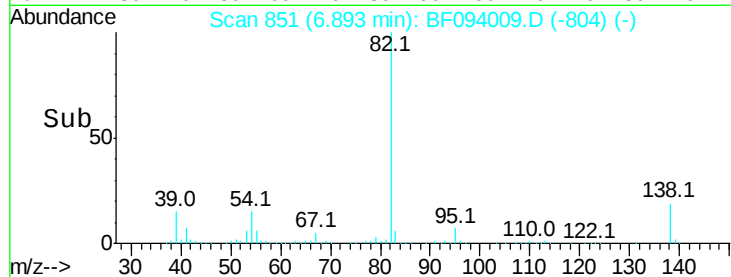
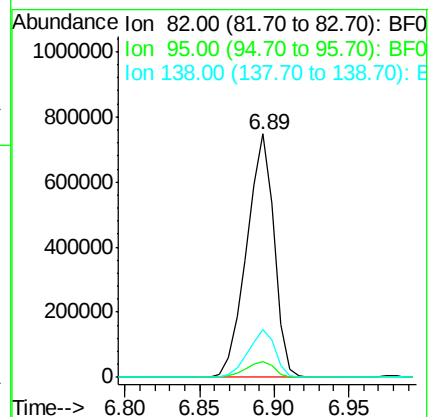
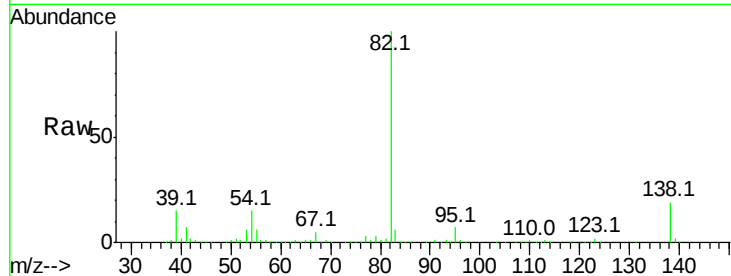
Tot Ion: 82 Resp: 949195

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 50.92 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

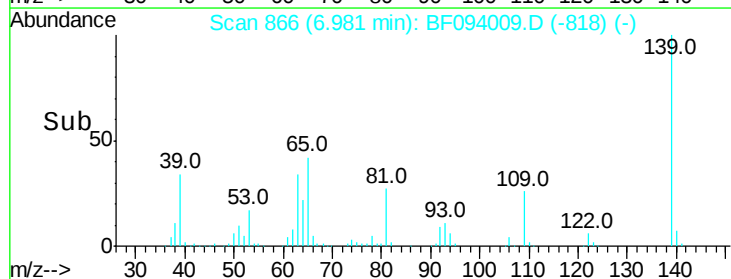
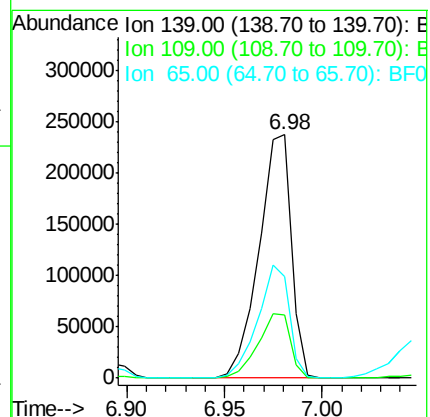
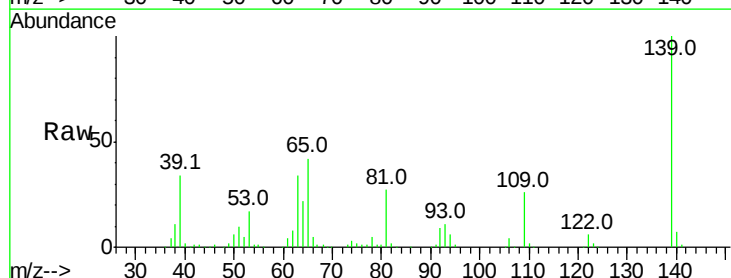
Tgt Ion: 139 Resp: 273154

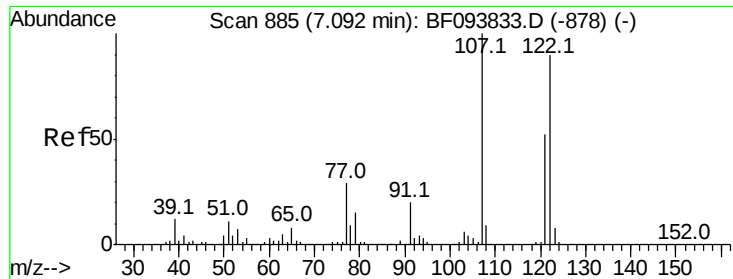
Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.6

65 41.8 33.0 49.6

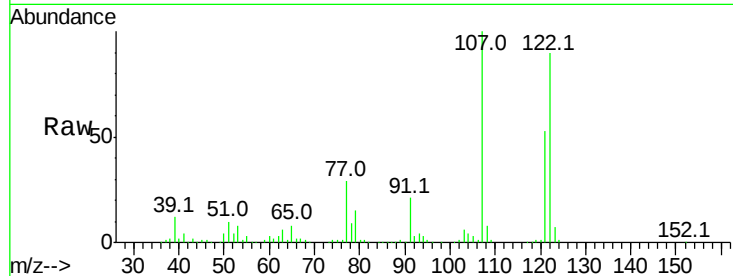




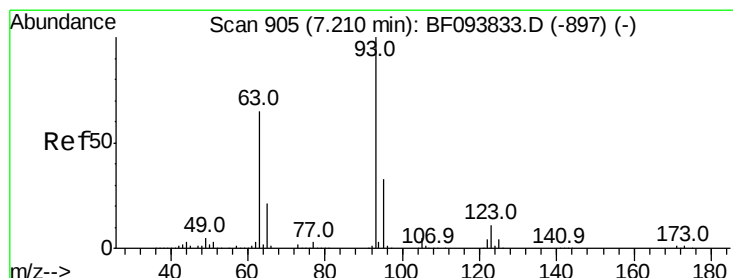
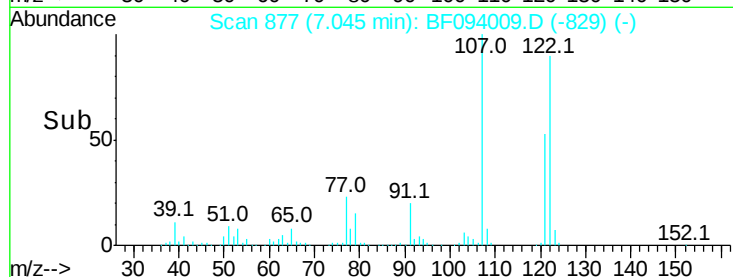
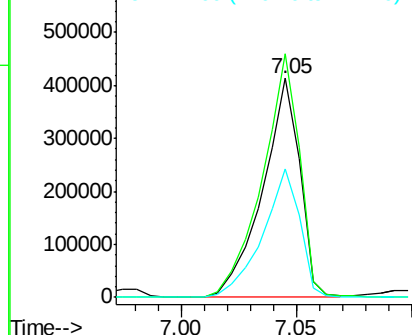
#27
 2,4-Dimethylphenol
 Concen: 50.13 ng
 RT: 7.05 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 463357
 Ion Ratio Lower Upper
 122 100
 107 111.3 89.2 133.8
 121 58.6 45.2 67.8

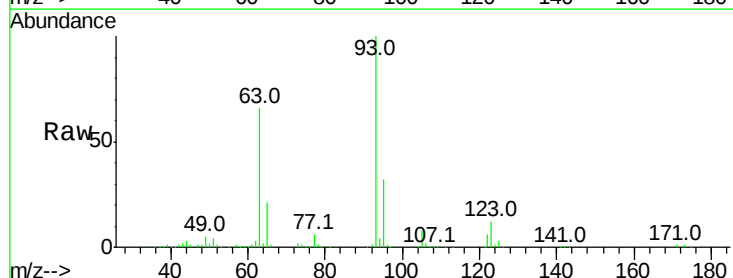


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

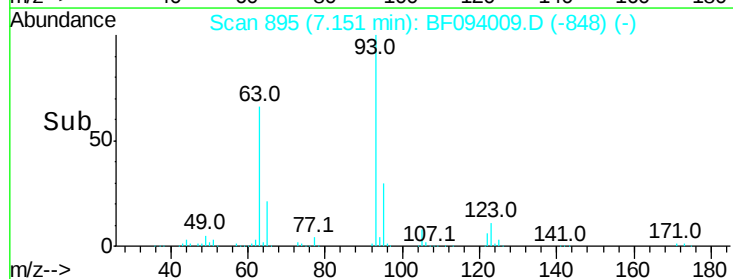
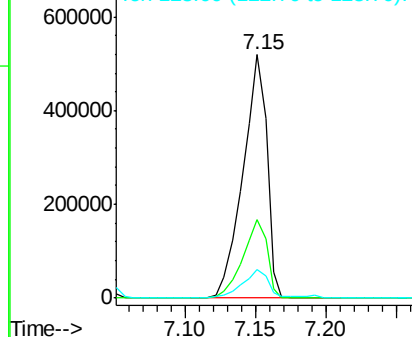


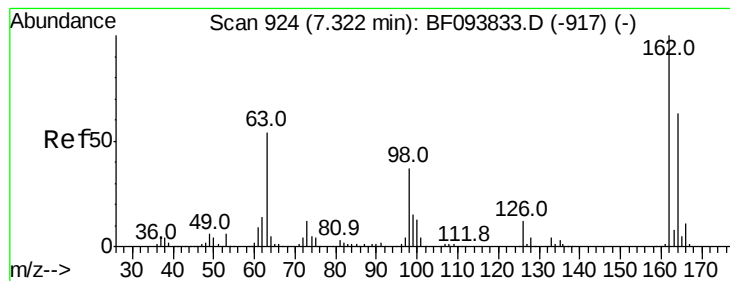
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.58 ng
 RT: 7.15 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion: 93 Resp: 615558
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 11.7 9.0 13.4



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





#29

2,4-Dichlorophenol

Concen: 50.68 ng

RT: 7.27 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampleId :

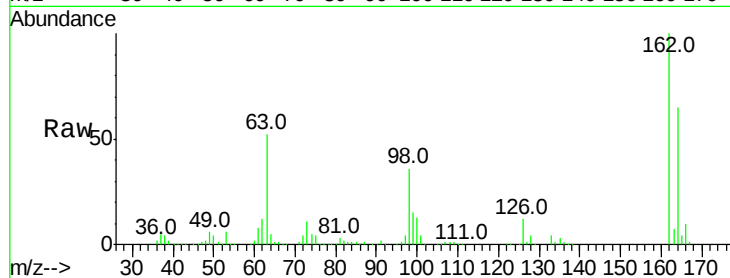
Tot Ion:162 Resp: 438035

Ion Ratio Lower Upper

162 100

164 64.7 44.6 84.6

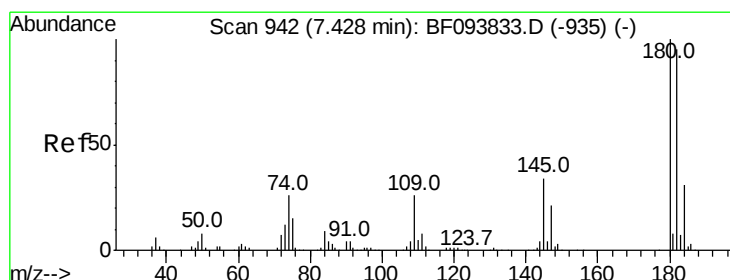
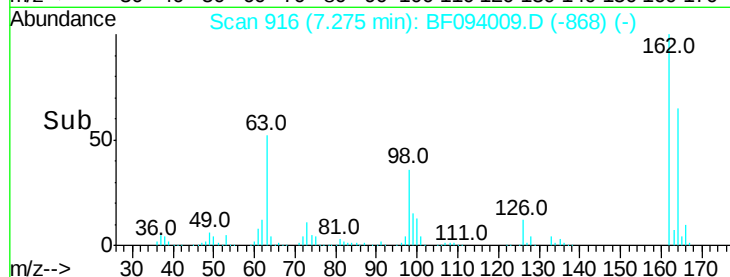
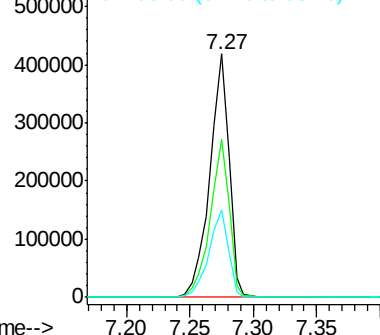
98 35.9 14.8 54.8



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: 47.81 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

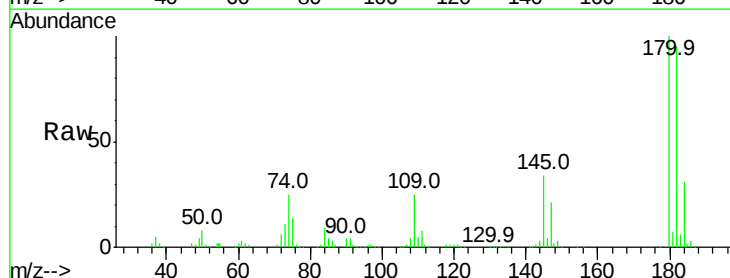
Tgt Ion:180 Resp: 425614

Ion Ratio Lower Upper

180 100

182 95.2 75.8 113.6

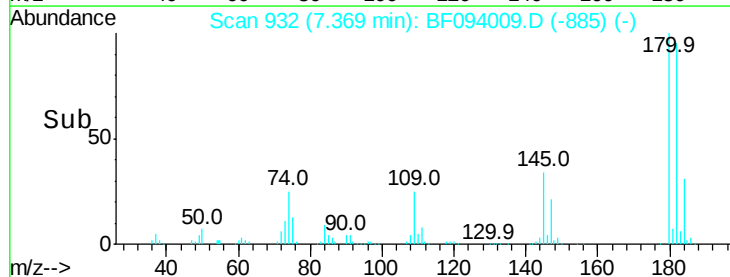
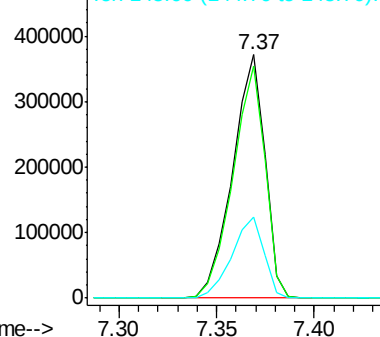
145 33.5 25.3 37.9

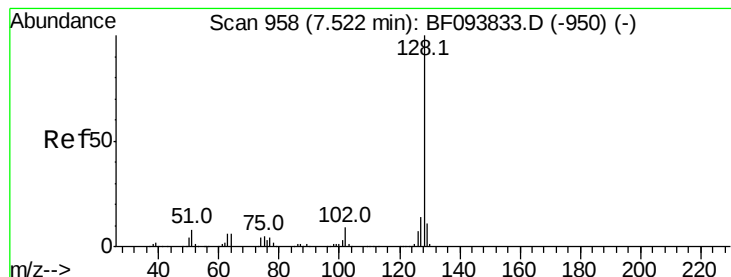


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.06 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

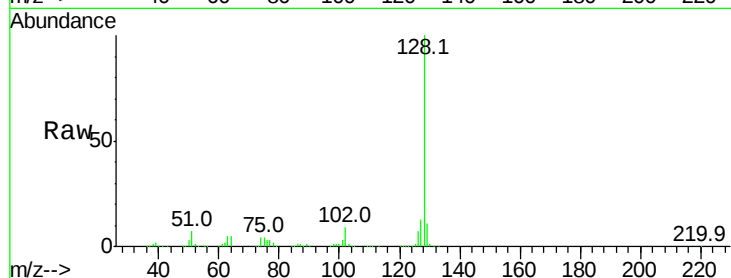
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1441617

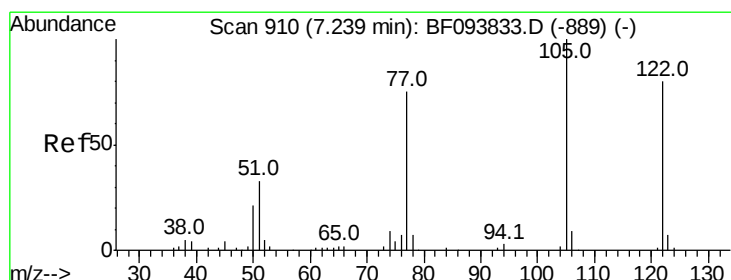
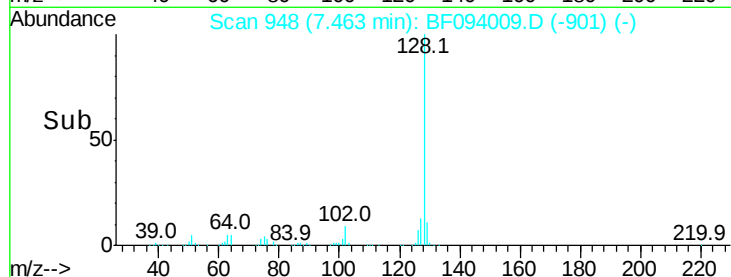
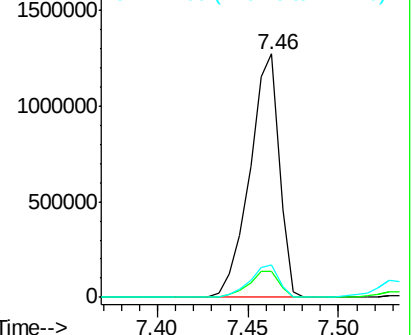
Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.4	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.45 ng

RT: 7.19 min Scan# 902

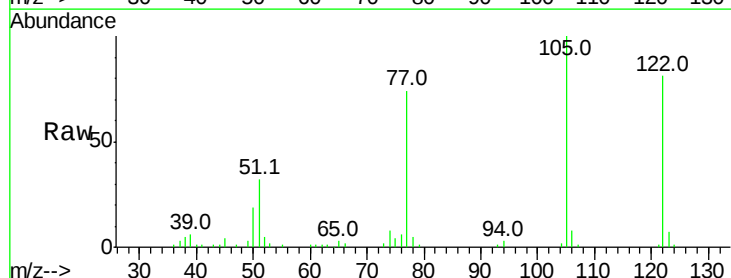
Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion:122 Resp: 218112

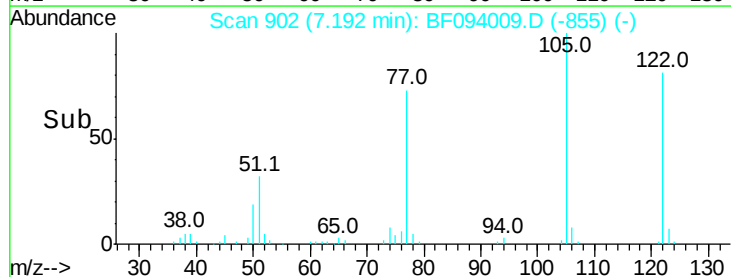
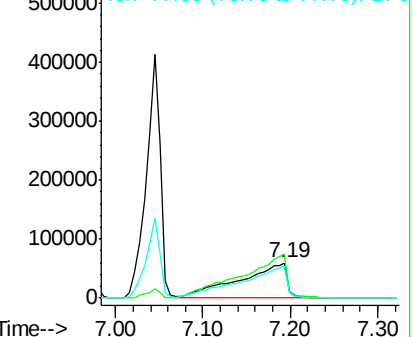
Ion	Ratio	Lower	Upper
122	100		
105	123.5	103.3	143.3
77	91.4	73.7	113.7



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: 12.13 ng

RT: 7.53 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF094009.D

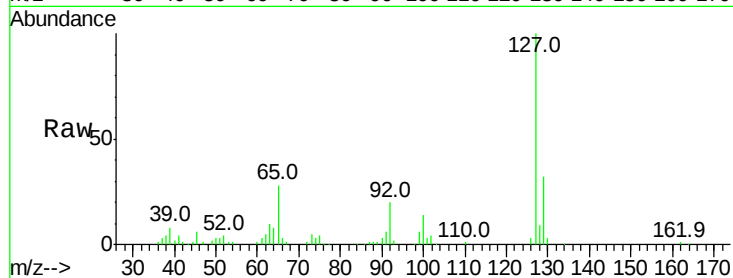
Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:	127	Resp:	153866
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	27.7	27.8	41.8#
92	20.2	16.8	25.2

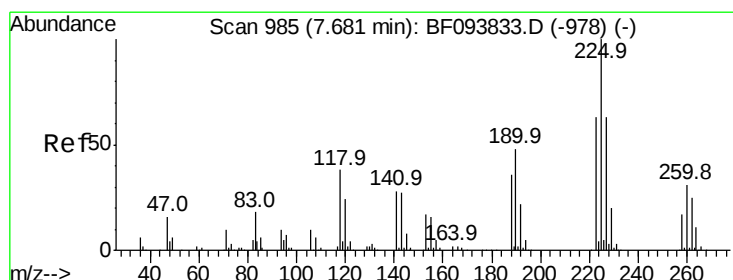
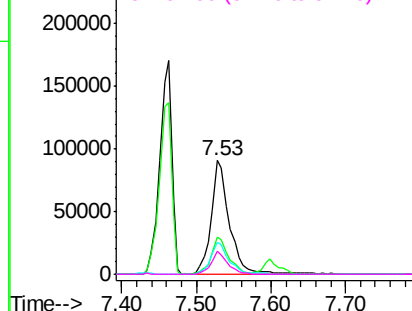
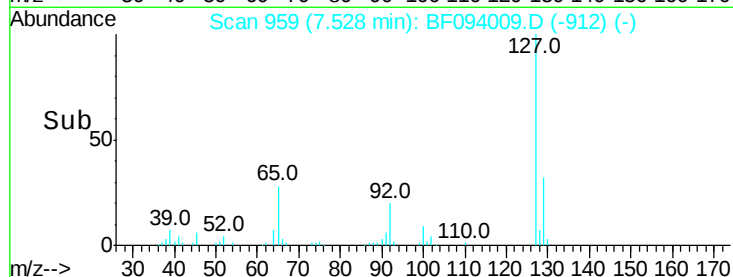


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 46.92 ng

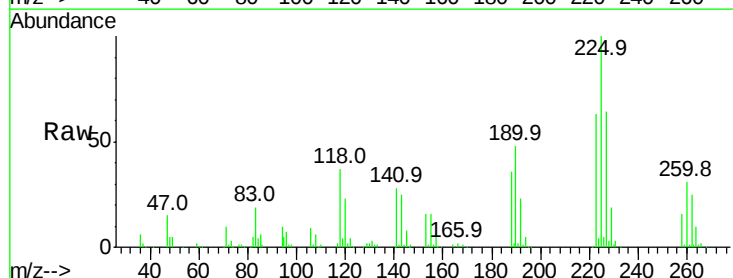
RT: 7.62 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

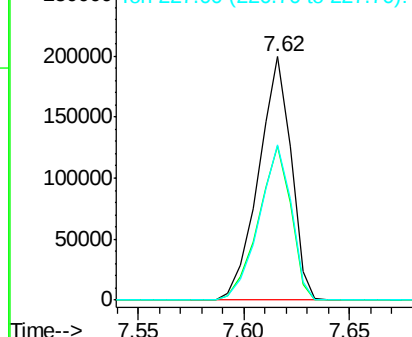
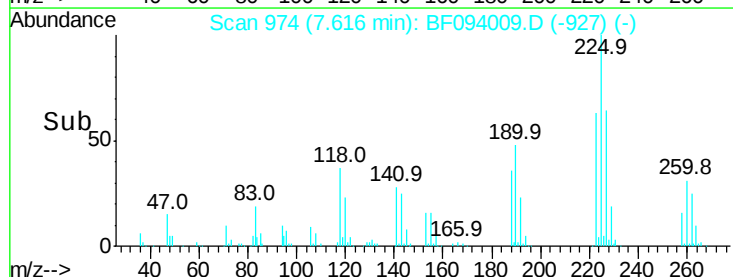
Tgt Ion:	225	Resp:	214189
Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.8	73.2
227	63.5	51.1	76.7

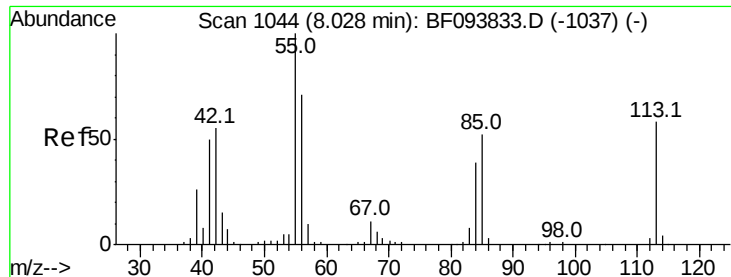


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

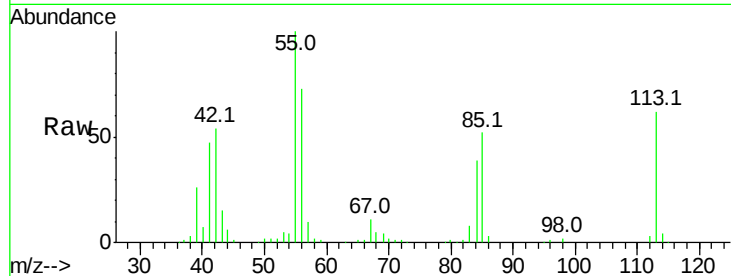




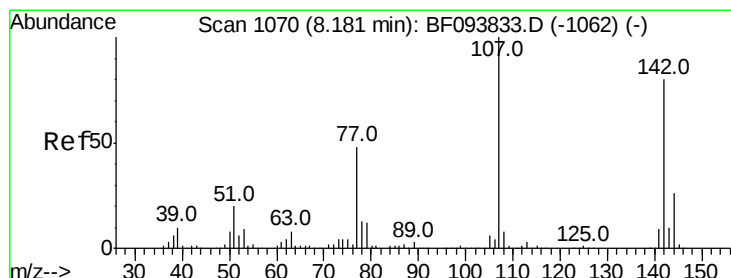
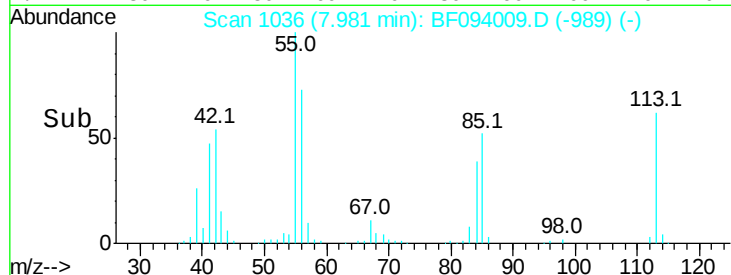
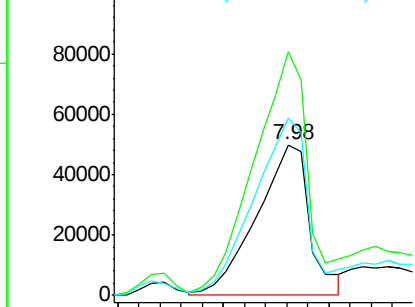
#35
 Caprolactam
 Concen: 31.70 ng
 RT: 7.98 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 87356
 Ion Ratio Lower Upper
 113 100
 55 161.8 150.2 190.2
 56 117.6 107.8 147.8

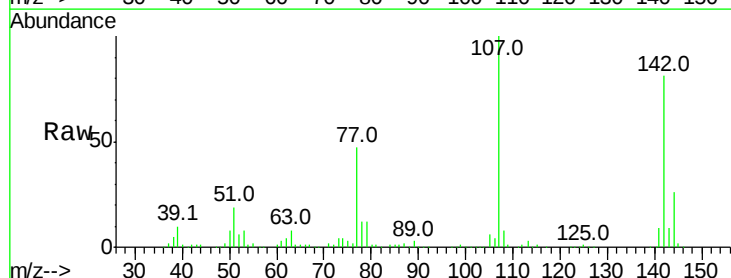


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

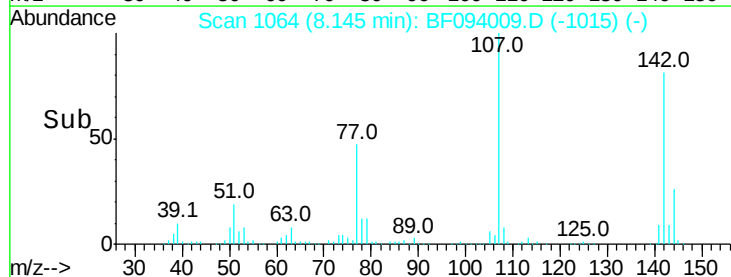
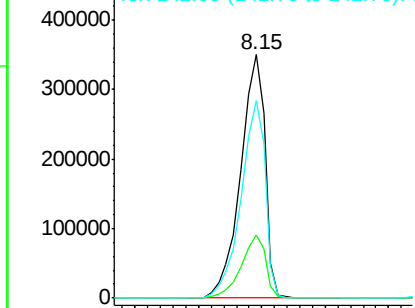


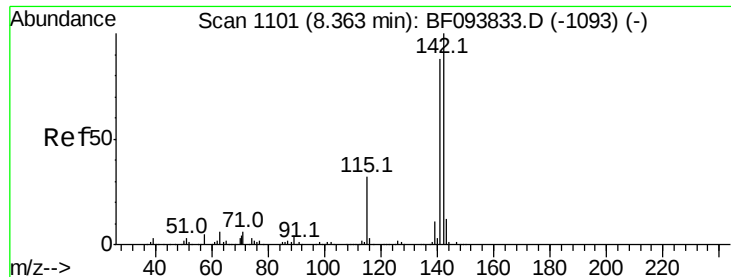
#36
 4-Chloro-3-methylphenol
 Concen: 51.73 ng
 RT: 8.15 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:107 Resp: 467155
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 81.1 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.81 ng

RT: 8.30 min Scan# 1091

Delta R.T. -0.02 min

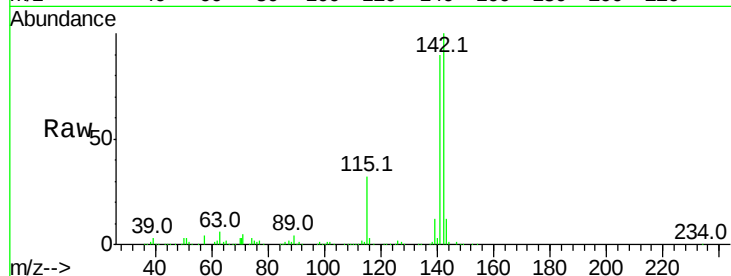
Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1018300

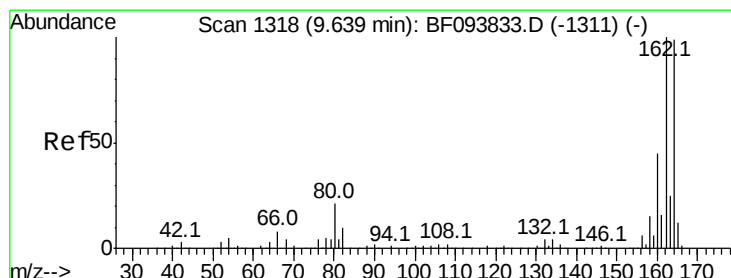
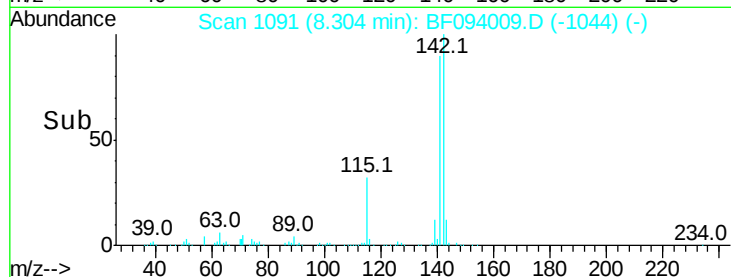
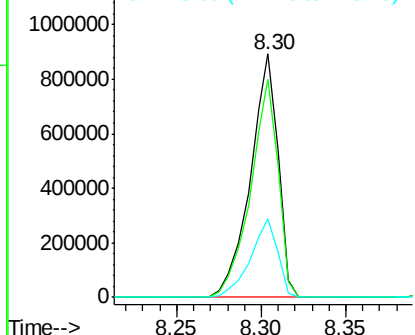
Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	32.5	27.1	40.7



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

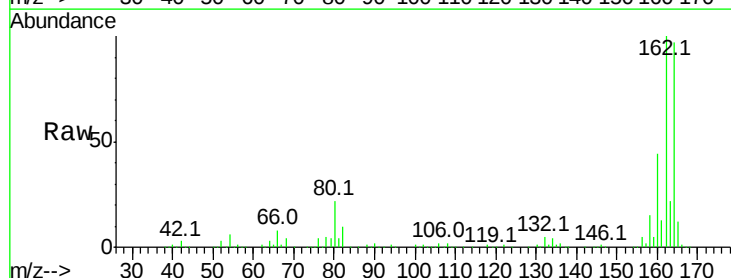
Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion:164 Resp: 302602

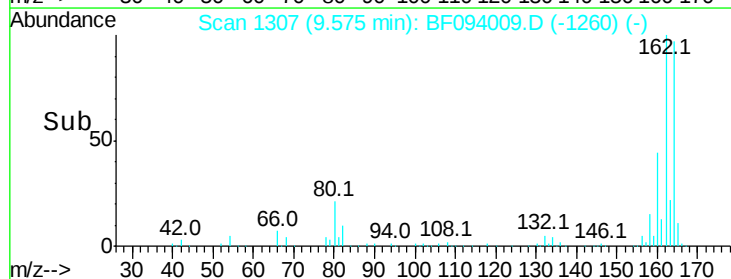
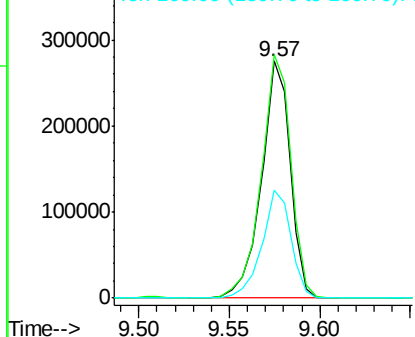
Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.3	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

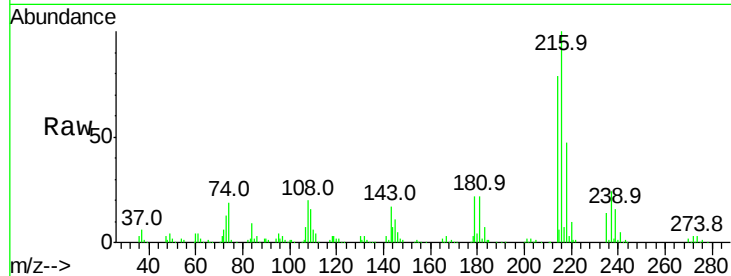




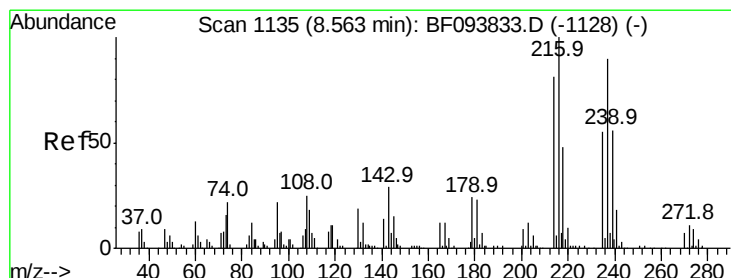
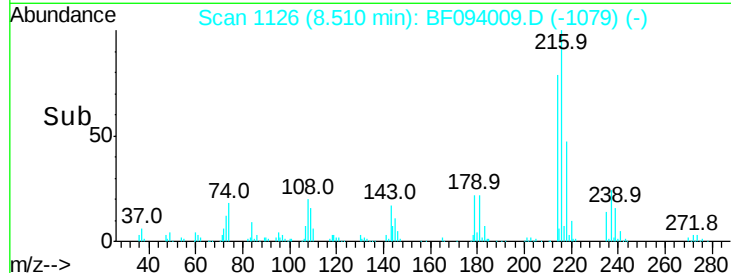
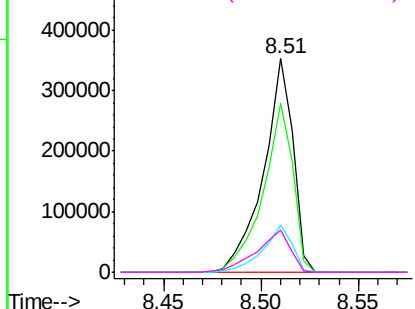
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.75 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	370480
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.2
179	22.1	17.9	26.9
108	22.2	16.5	24.7

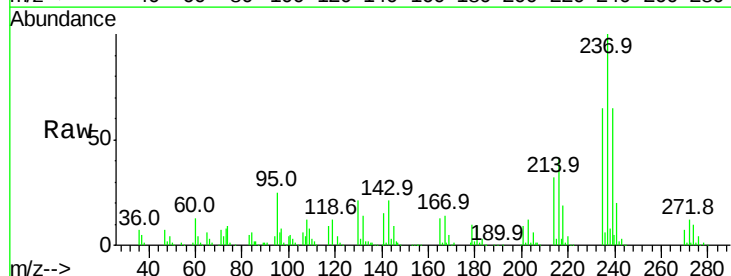


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

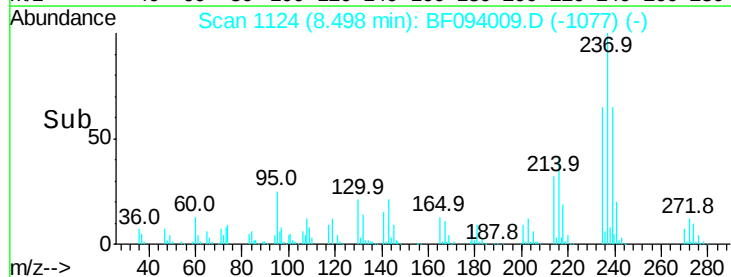
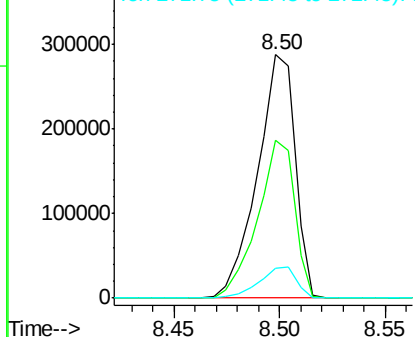


#40
 Hexachlorocyclopentadiene
 Concen: 92.47 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:	237	Resp:	358183
Ion	Ratio	Lower	Upper
237	100		
235	64.6	42.6	82.6
272	12.4	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

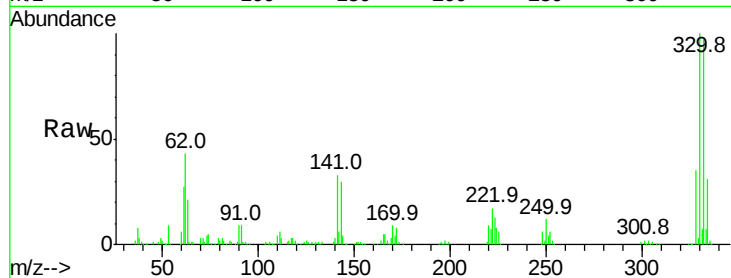




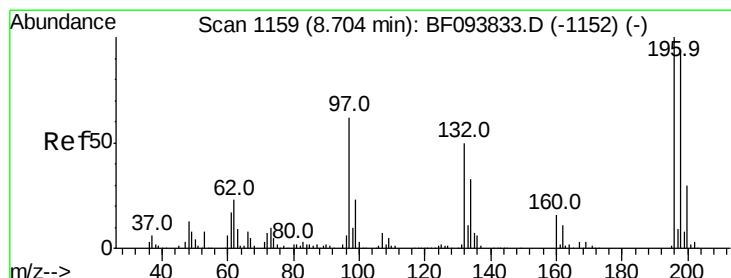
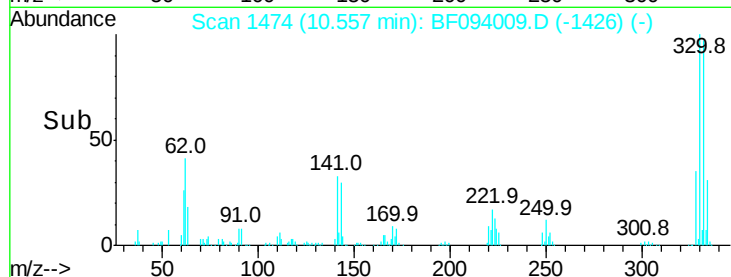
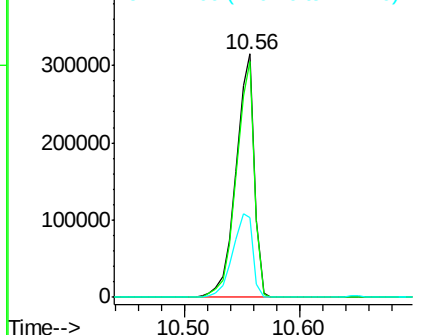
#41
 2,4,6-Tribromophenol
 Concen: 145.04 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	38.0	31.4	47.2

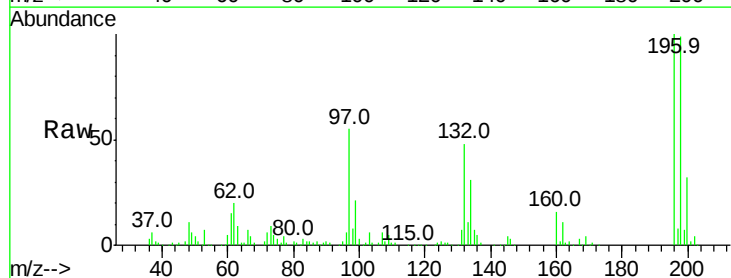


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

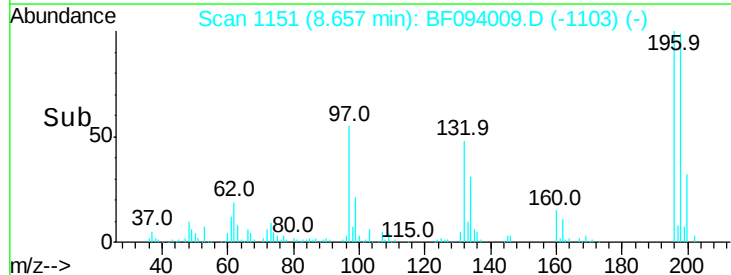
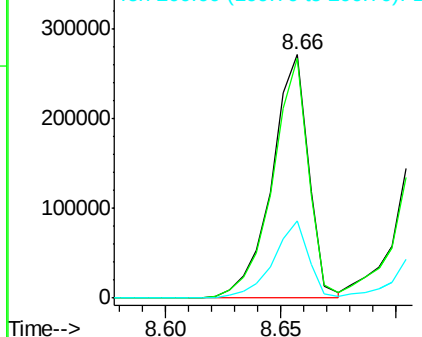


#42
 2,4,6-Trichlorophenol
 Concen: 50.95 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	74.2	111.4
200	31.9	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

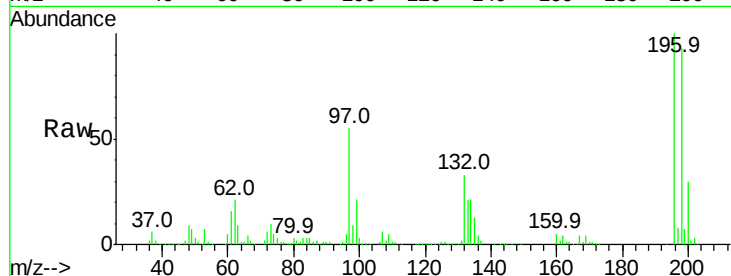




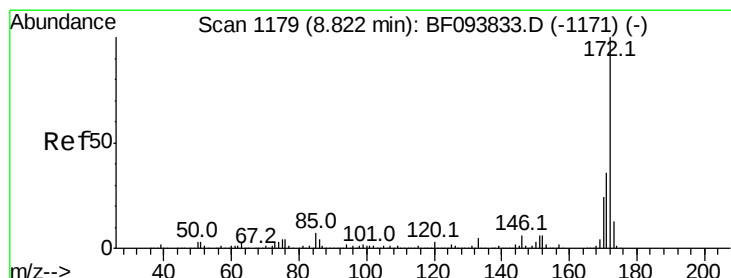
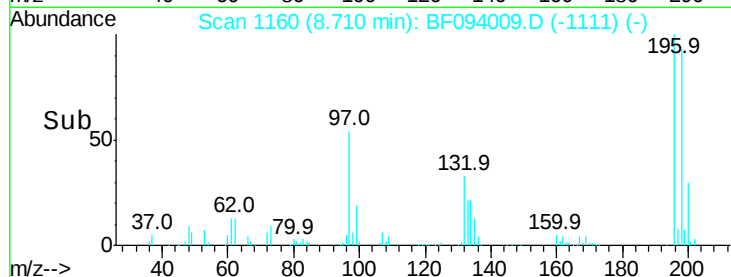
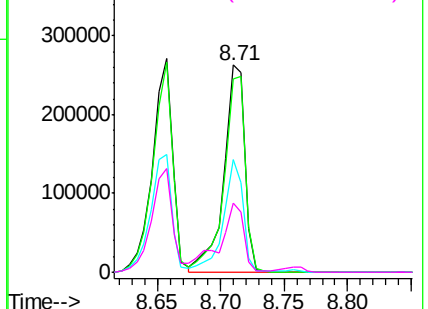
#43
 2,4,5-Trichlorophenol
 Concen: 47.54 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 301245
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.7 113.5
 97 54.6 47.7 71.5
 132 33.2 28.0 42.0

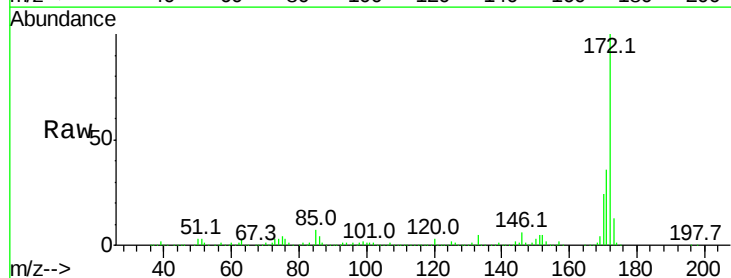


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

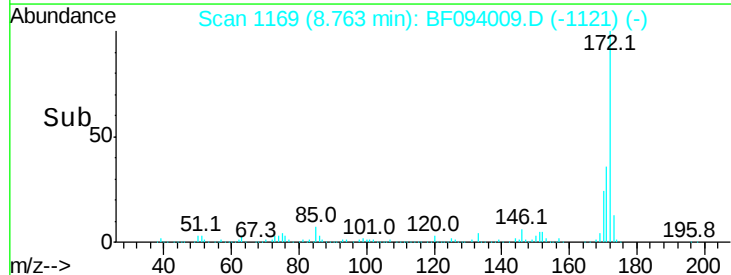
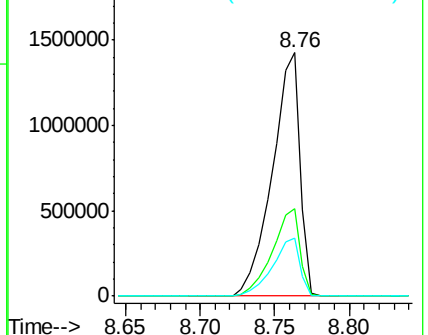


#44
 2-Fluorobiphenyl
 Concen: 92.80 ng
 RT: 8.76 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:172 Resp: 1841018
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.0 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

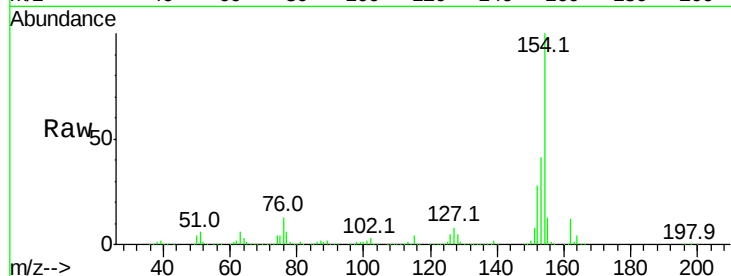




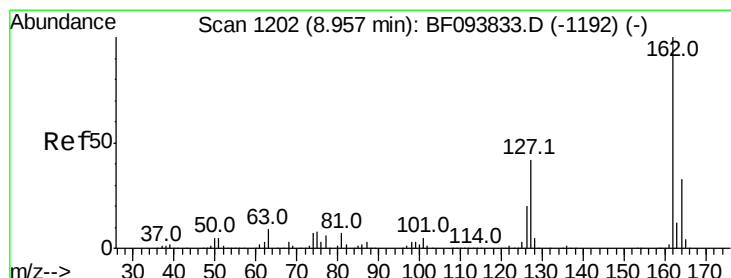
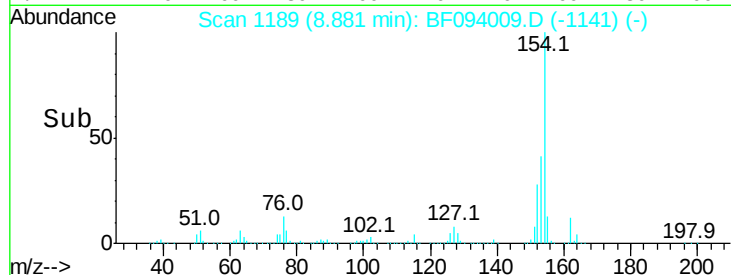
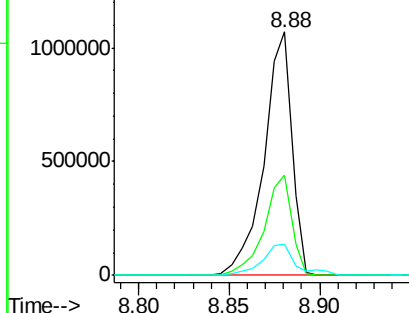
#45
 1,1'-Biphenyl
 Concen: 46.91 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1145048
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.2 61.2
 76 12.7 0.0 29.9

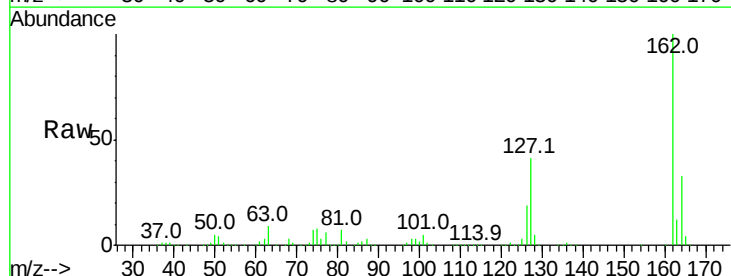


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

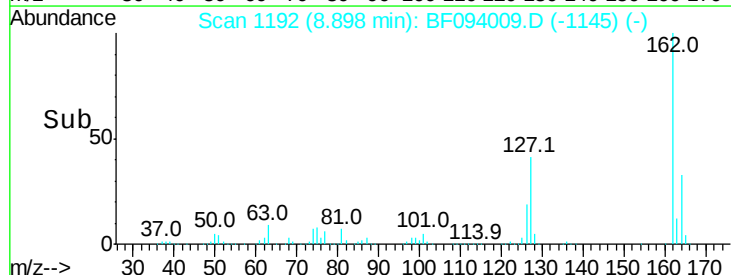
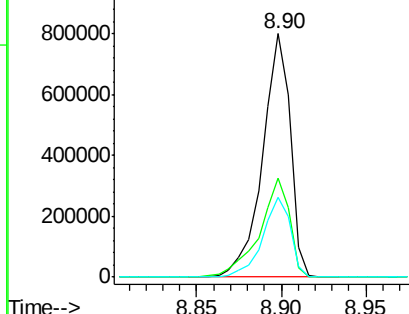


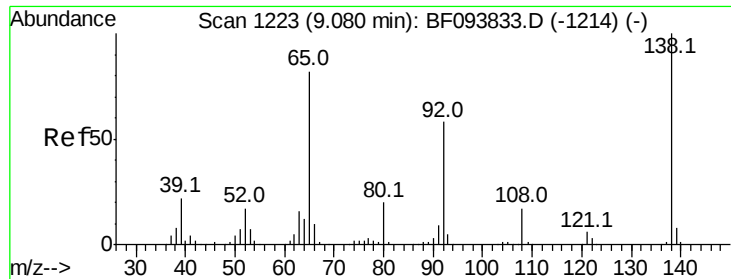
#46
 2-Chloronaphthalene
 Concen: 47.35 ng
 RT: 8.90 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:162 Resp: 904643
 Ion Ratio Lower Upper
 162 100
 127 40.7 28.3 42.5
 164 32.6 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

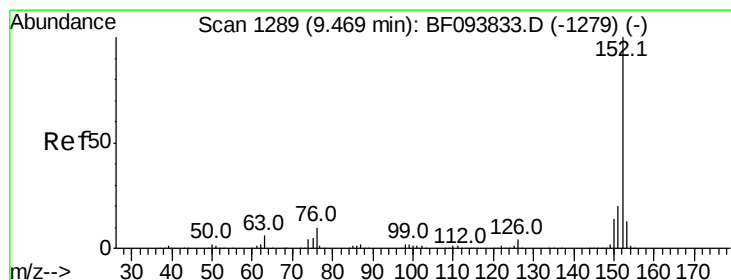
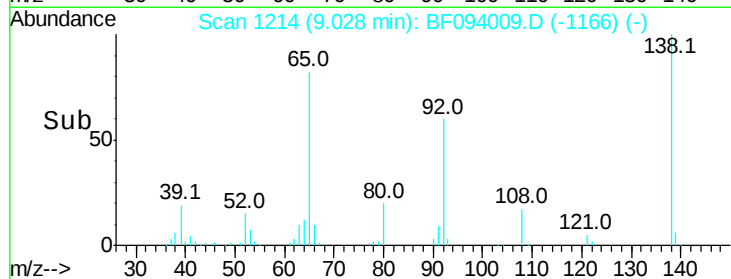
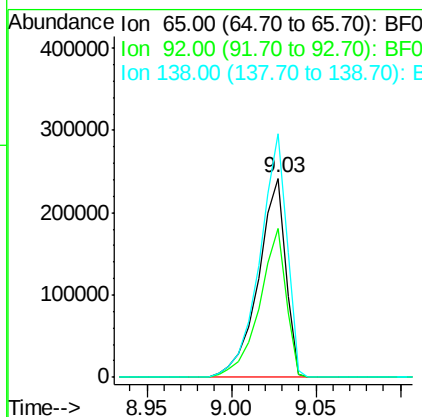
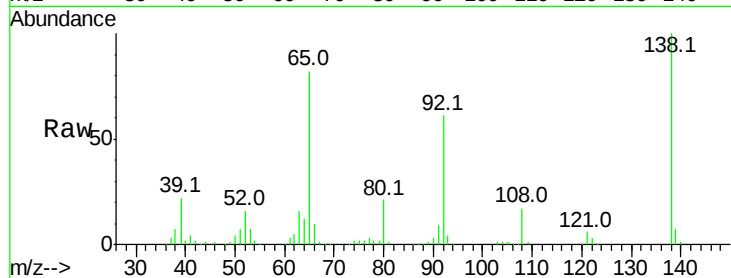




#47
 2-Nitroaniline
 Concen: 48.23 ng
 RT: 9.03 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

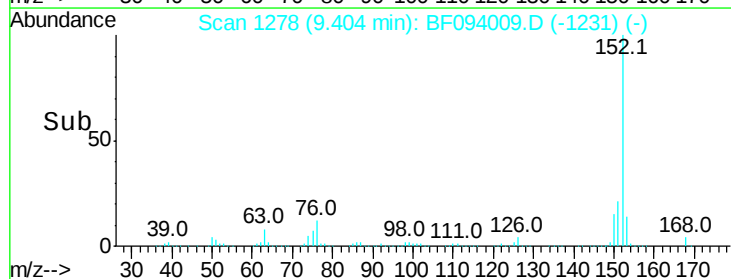
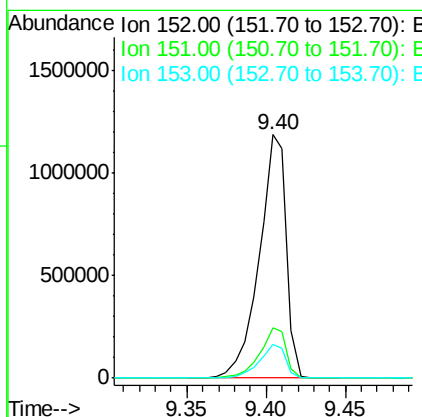
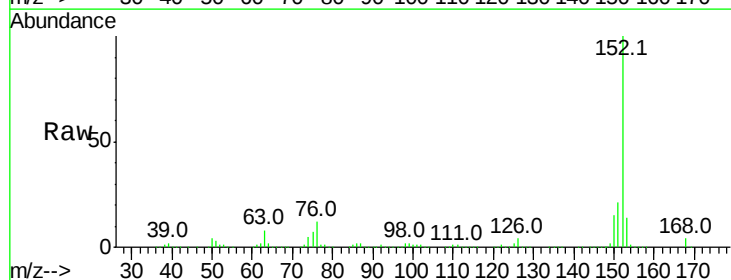
Instrument :
 BNA_F
 ClientSampleId :

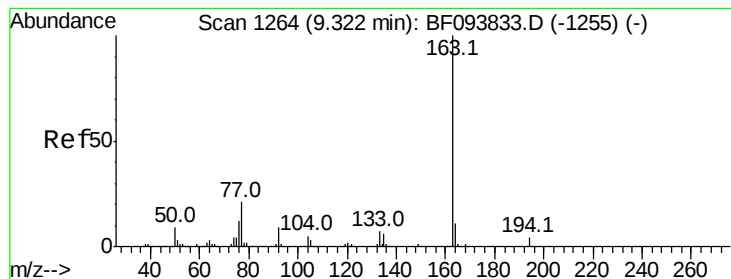
Tot Ion: 65 Resp: 273366
 Ion Ratio Lower Upper
 65 100
 92 74.5 53.9 80.9
 138 122.1 78.8 118.2#



#48
 Acenaphthylene
 Concen: 44.58 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:152 Resp: 1415669
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 50.60 ng

RT: 9.27 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampleId :

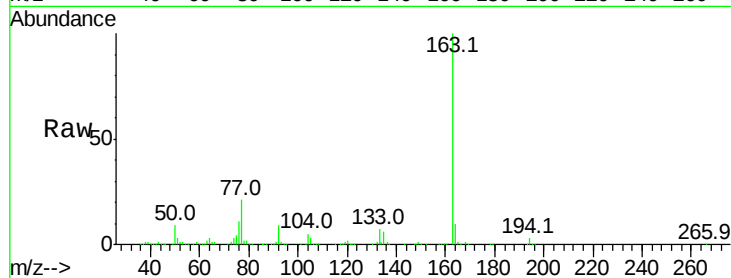
Tot Ion:163 Resp: 1088352

Ion Ratio Lower Upper

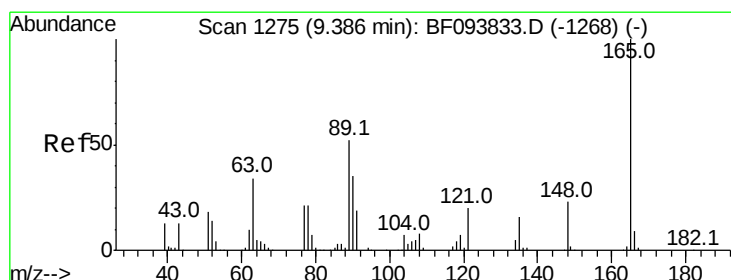
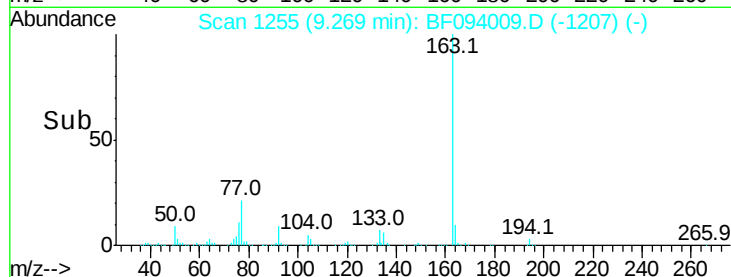
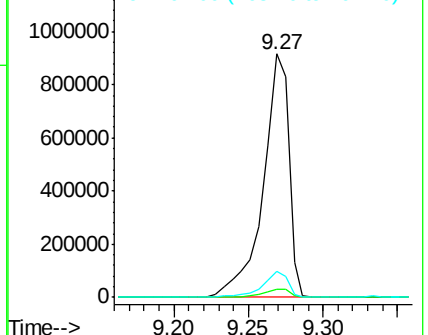
163 100

194 3.5 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: 50.85 ng

RT: 9.33 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

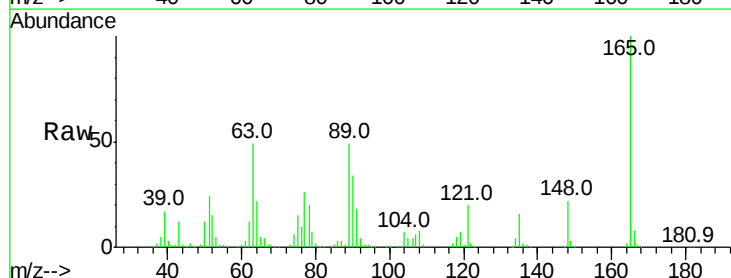
Tgt Ion:165 Resp: 250717

Ion Ratio Lower Upper

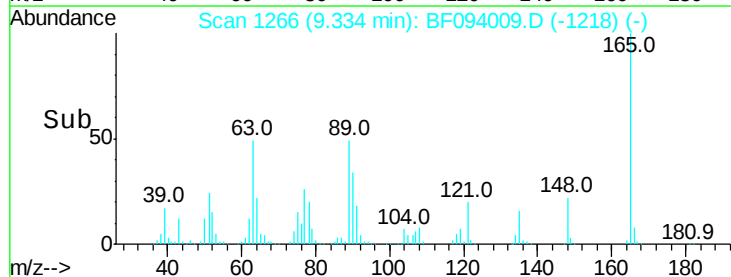
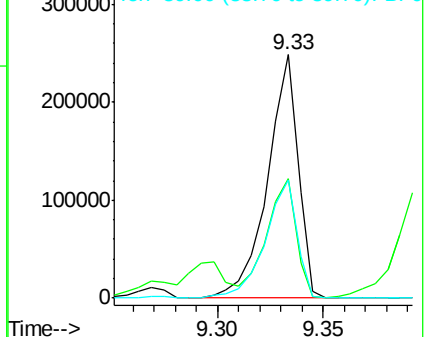
165 100

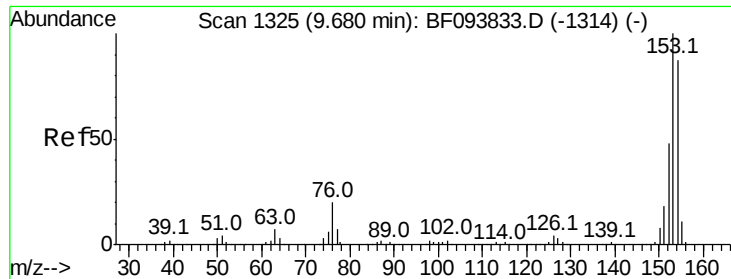
63 49.0 34.3 51.5

89 48.5 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

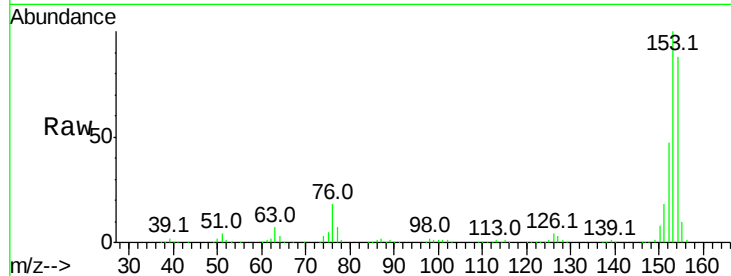




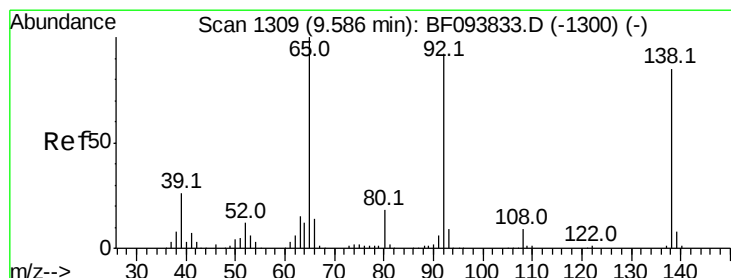
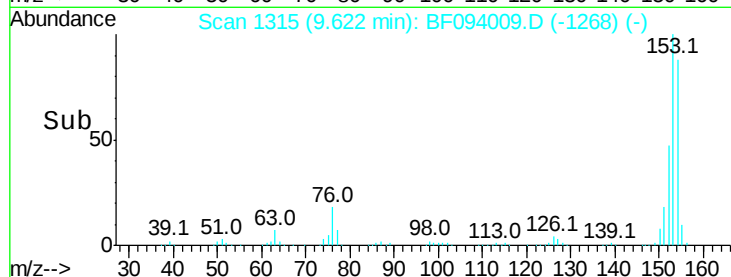
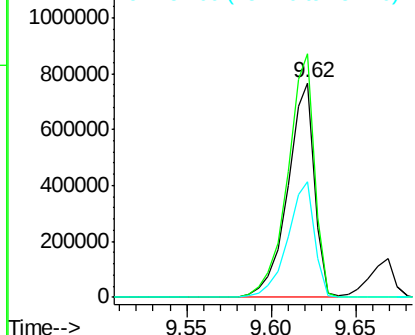
#51
Acenaphthene
Concen: 45.93 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 851041
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 53.7 43.6 65.4

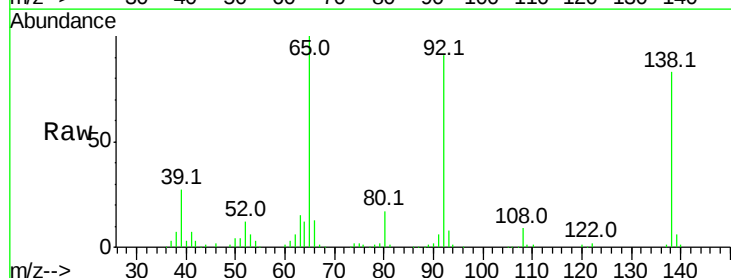


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

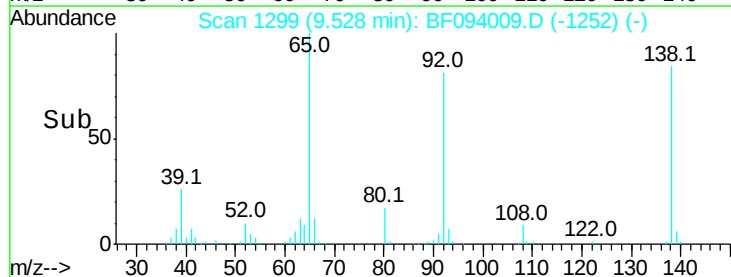
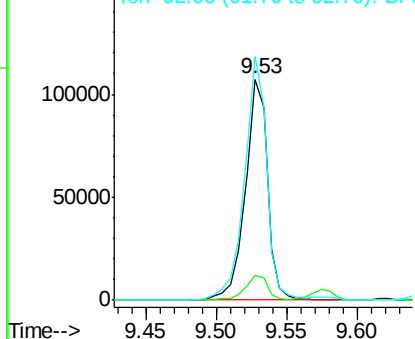


#52
3-Nitroaniline
Concen: 20.38 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion:138 Resp: 117975
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 110.2 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

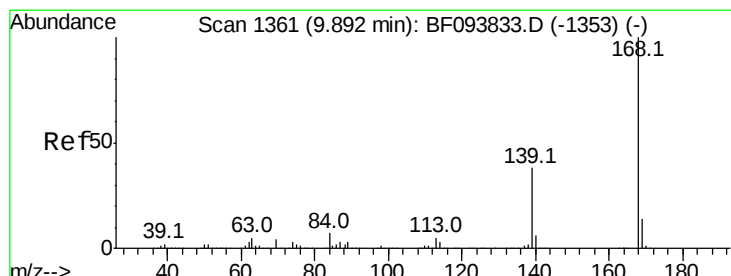
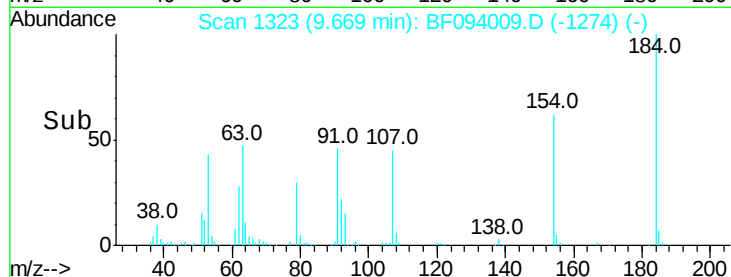
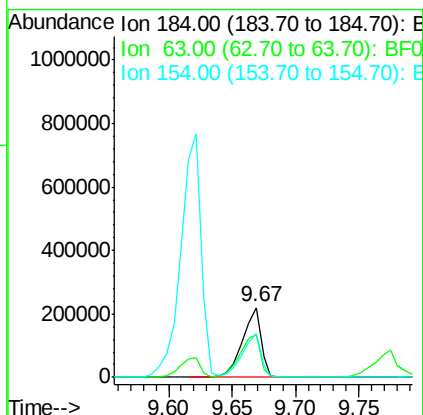
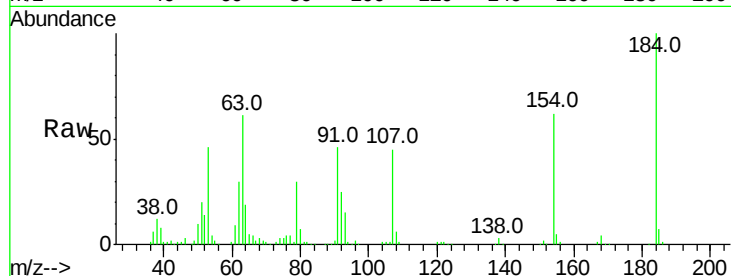




#53
2,4-Dinitrophenol
Concen: 85.55 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

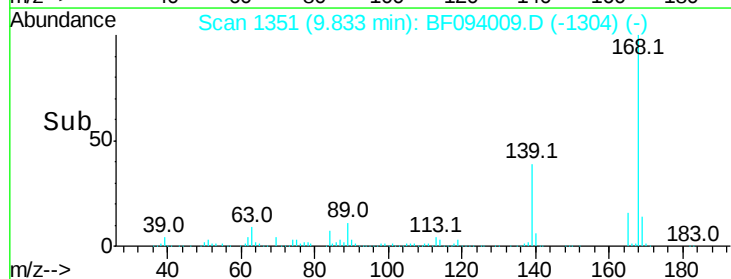
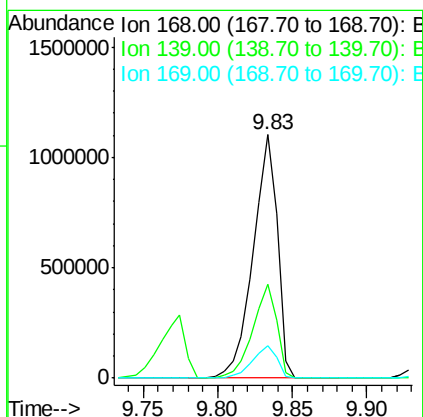
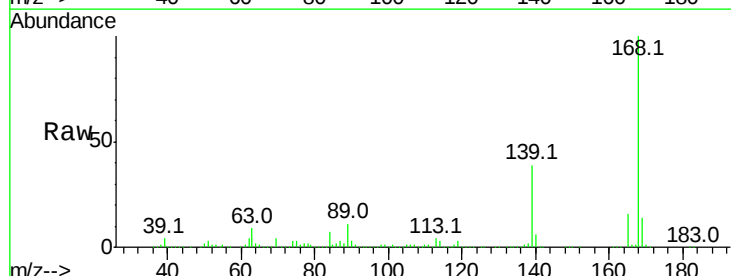
Instrument :
BNA_F
ClientSampleId :

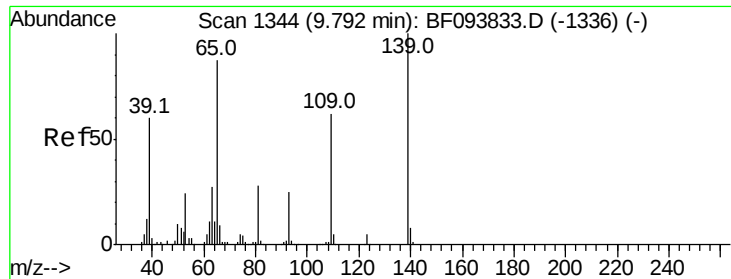
Tot Ion:184 Resp: 226632
Ion Ratio Lower Upper
184 100
63 60.8 62.7 94.1#
154 62.2 81.1 121.7#



#54
Dibenzofuran
Concen: 48.74 ng
RT: 9.83 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion:168 Resp: 1229396
Ion Ratio Lower Upper
168 100
139 38.5 30.6 45.8
169 13.5 10.8 16.2

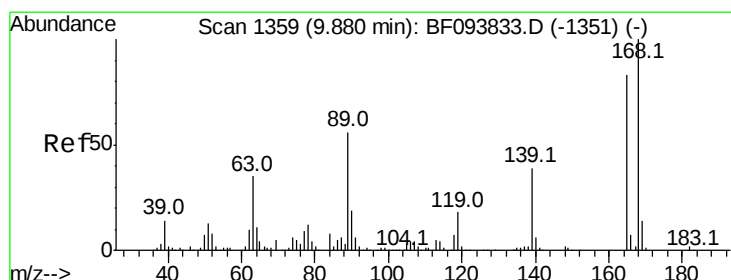
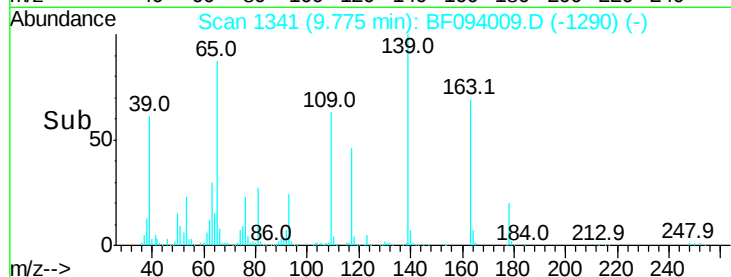
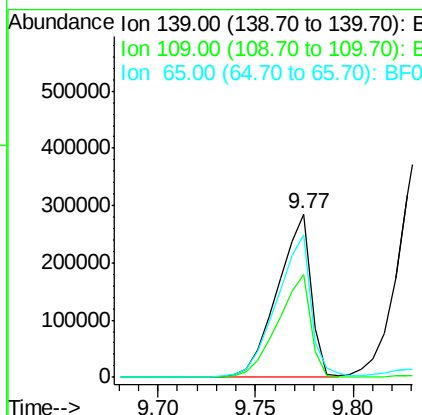
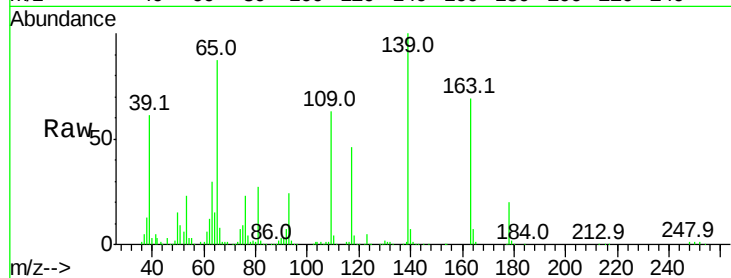




#55
4-Nitrophenol
Concen: 75.08 ng
RT: 9.77 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

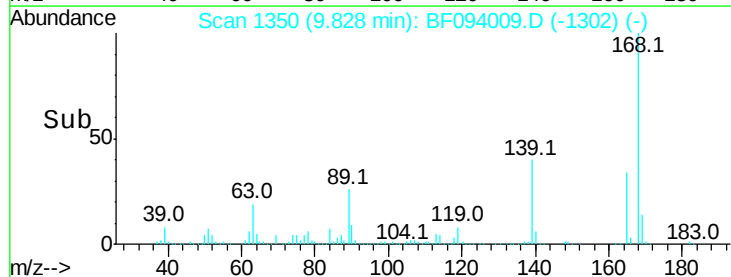
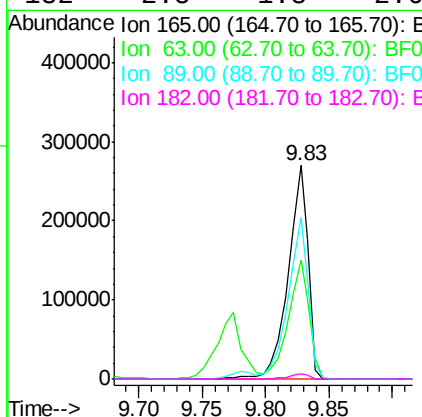
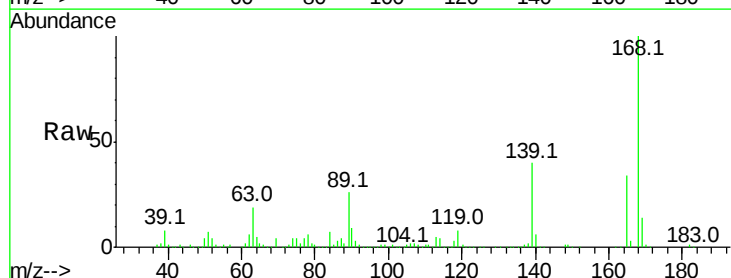
Instrument :
BNA_F
ClientSampleId :

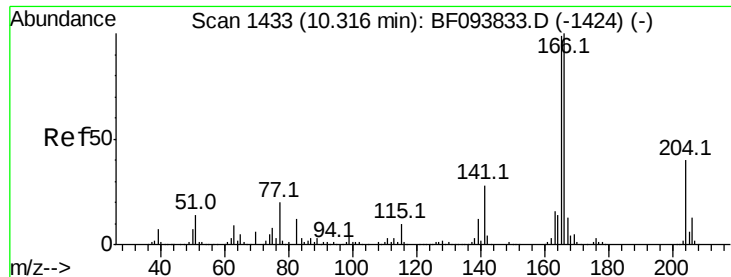
Tot Ion:139 Resp: 340459
Ion Ratio Lower Upper
139 100
109 63.1 34.1 74.1
65 87.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.02 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion:165 Resp: 297449
Ion Ratio Lower Upper
165 100
63 55.7 25.4 38.0#
89 75.6 46.4 69.6#
182 2.5 1.8 2.6

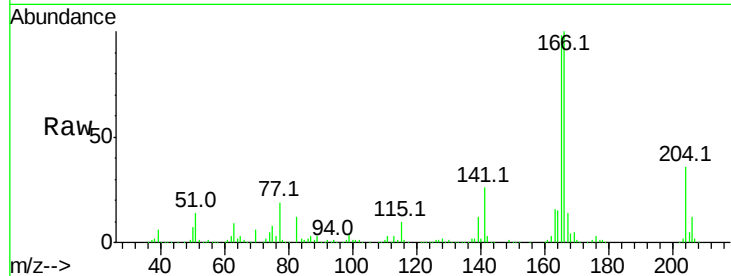




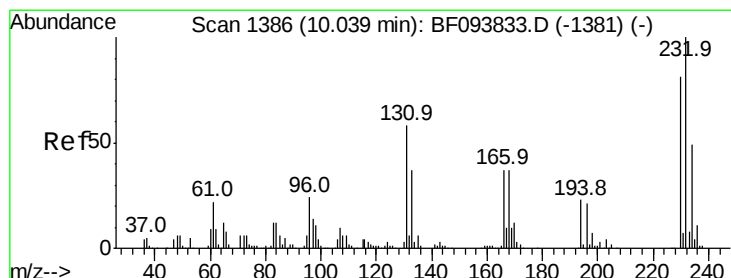
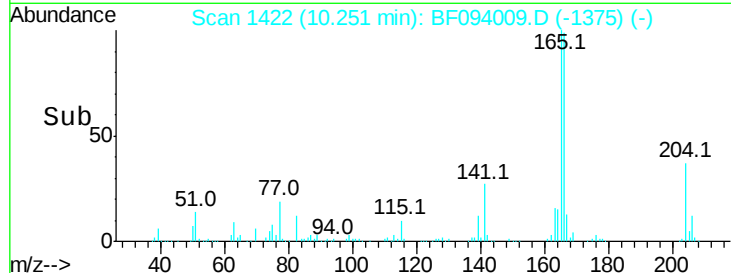
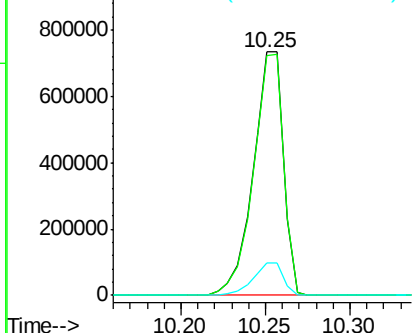
#57
Fluorene
 Concen: 43.39 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 907545
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.8 118.2
 167 13.5 10.6 16.0



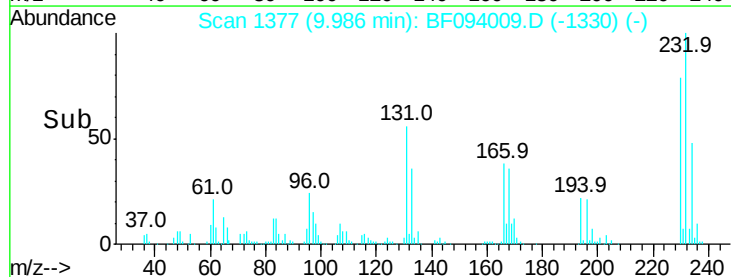
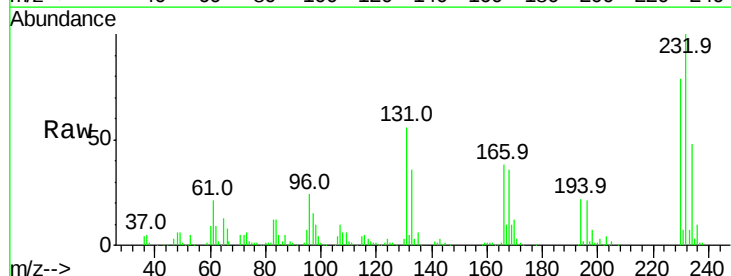
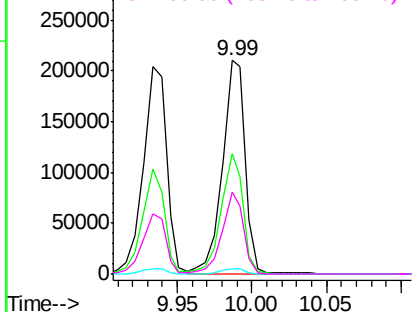
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

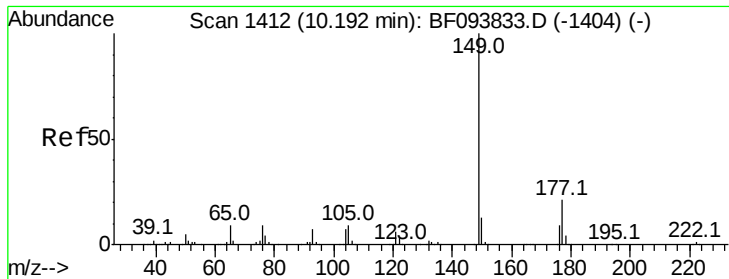


#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.69 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:232 Resp: 229117
 Ion Ratio Lower Upper
 232 100
 131 54.1 44.8 67.2
 130 2.6 2.3 3.5
 166 36.0 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

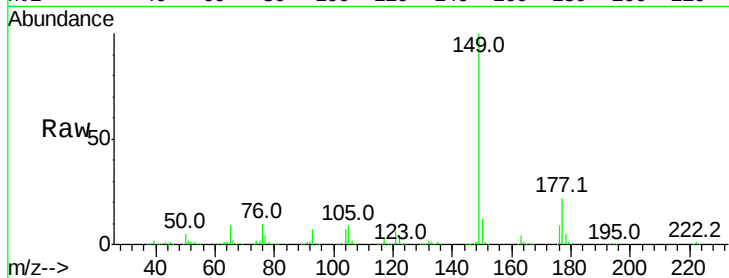




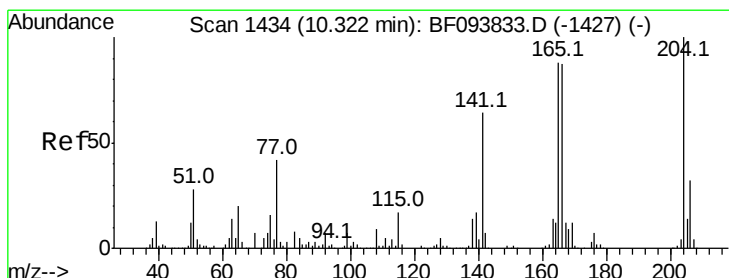
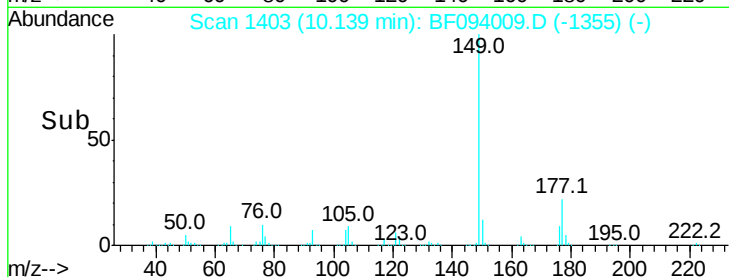
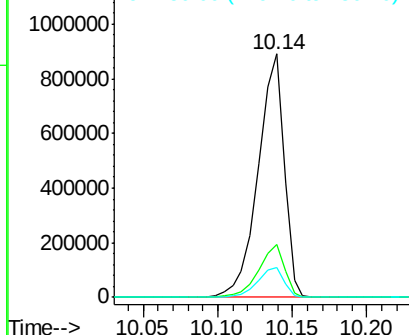
#59
Diethylphthalate
Concen: 50.26 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1068499
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.4 10.2 15.2

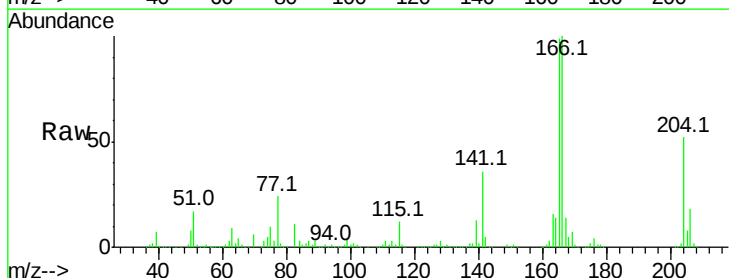


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

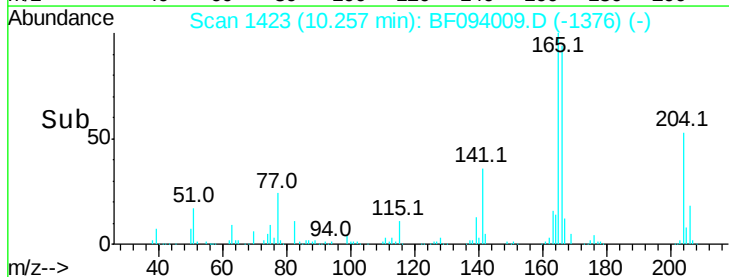
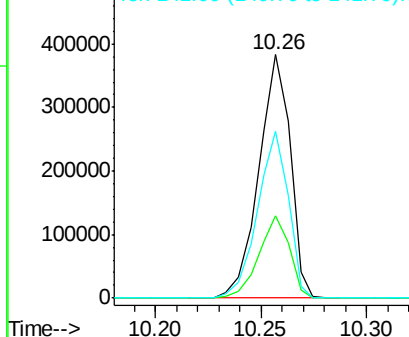


#60
4-Chlorophenyl-phenylether
Concen: 44.40 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion:204 Resp: 395620
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 68.7 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

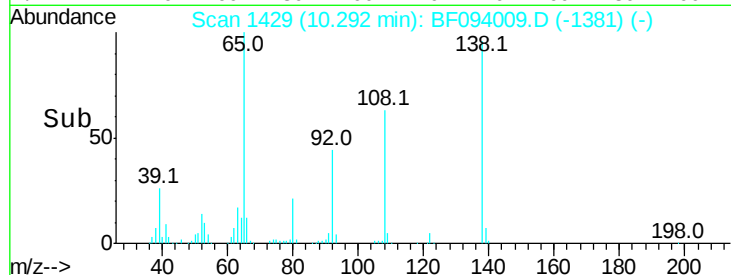
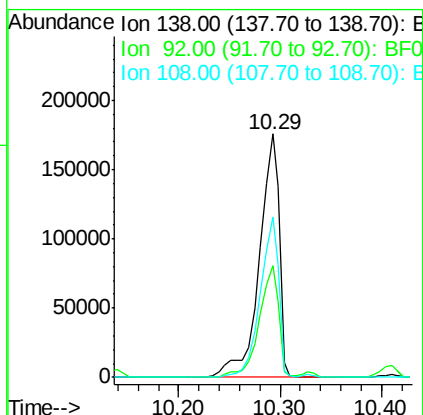
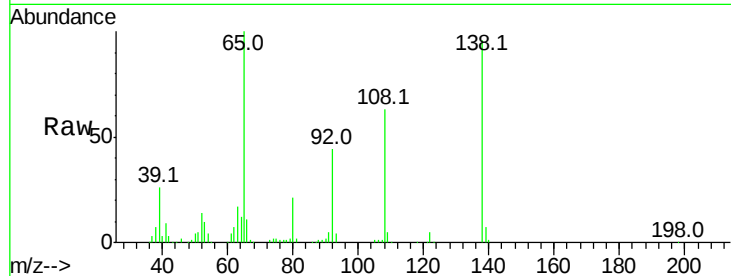




#61
4-Nitroaniline
Concen: 43.38 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

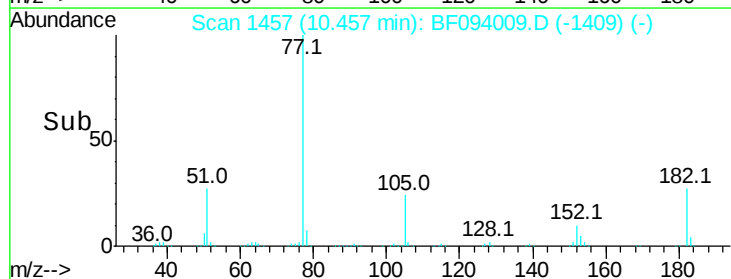
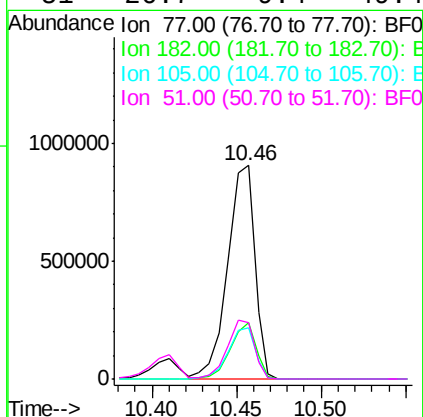
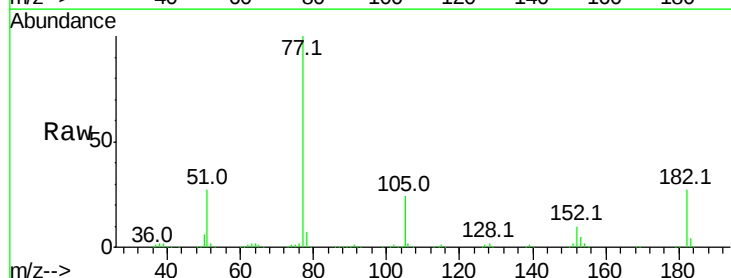
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 241040
Ion Ratio Lower Upper
138 100
92 45.8 21.8 61.8
108 66.1 42.3 82.3



#62
Azobenzene
Concen: 50.52 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion: 77 Resp: 1016008
Ion Ratio Lower Upper
77 100
182 26.5 0.1 40.1
105 24.1 3.6 43.6
51 26.7 9.4 49.4

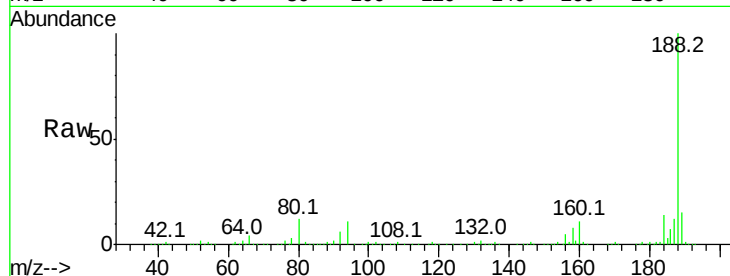




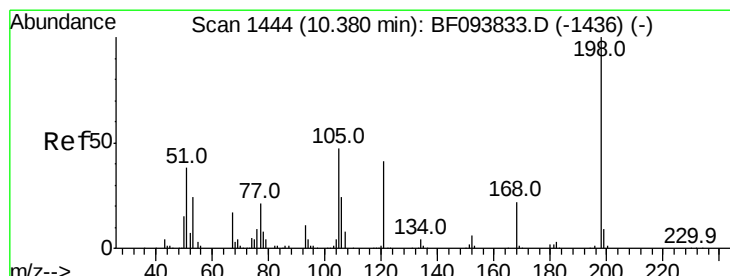
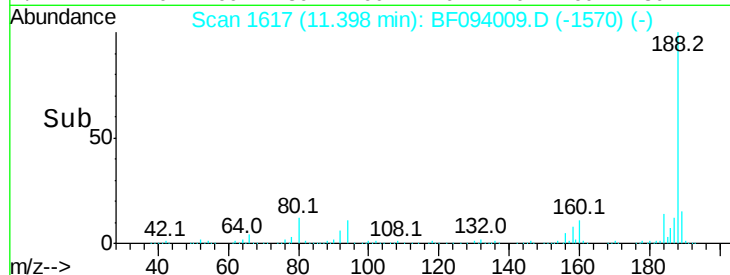
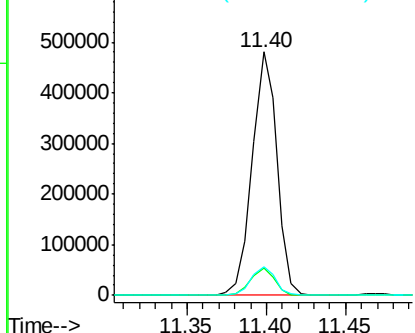
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1617
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 521479
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.7 10.2 15.2

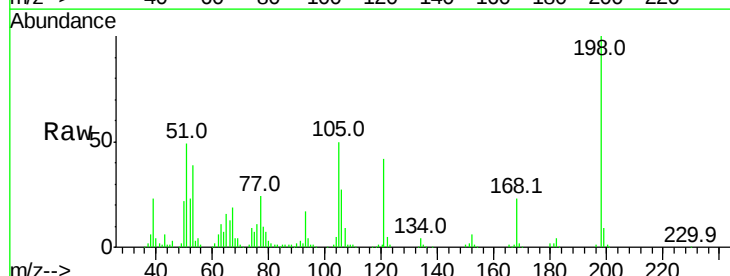


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

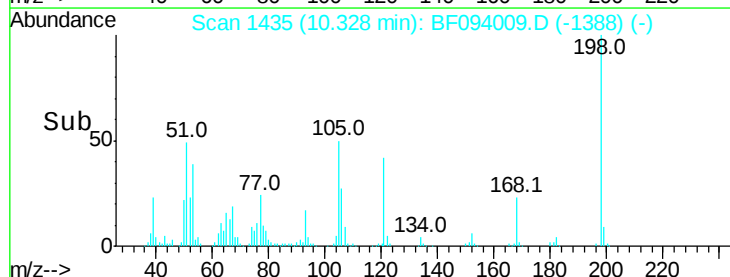
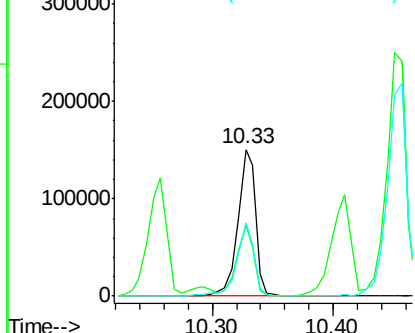


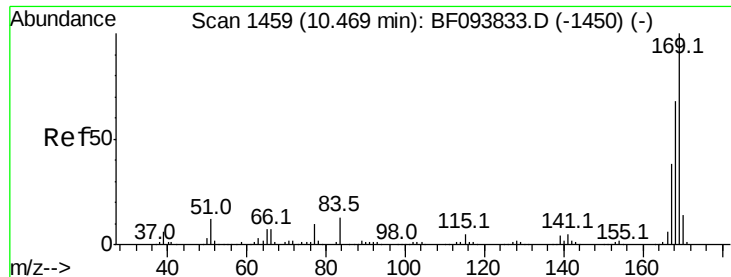
#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.56 ng
 RT: 10.33 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:198 Resp: 155079
 Ion Ratio Lower Upper
 198 100
 51 48.7 53.2 93.2#
 105 49.8 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E



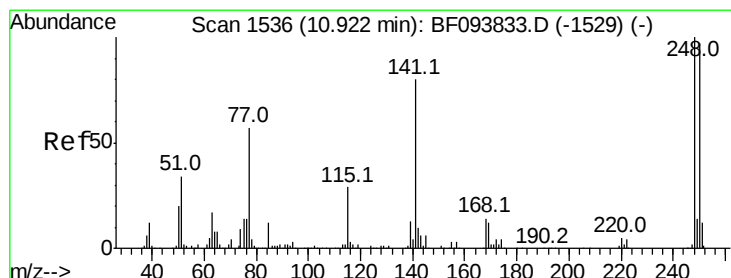
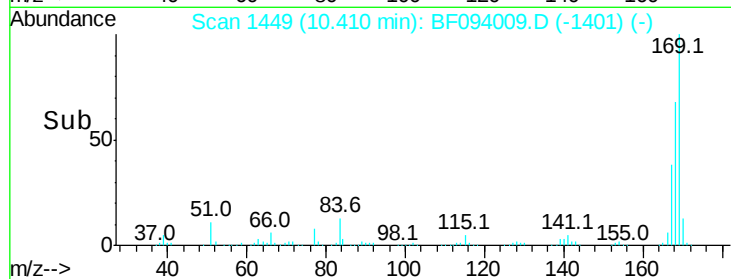
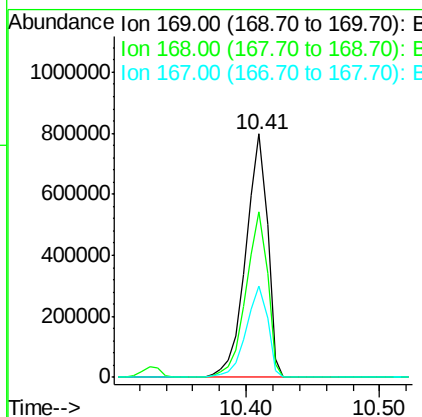
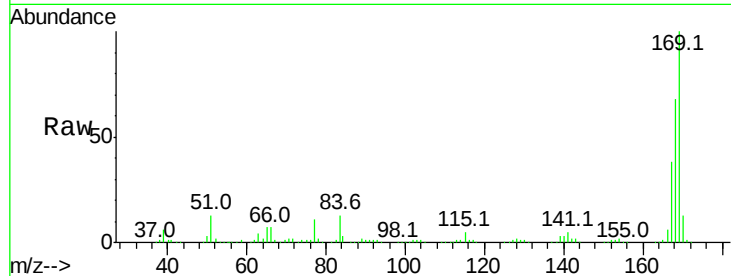


#65
 n-Nitrosodiphenylamine
 Concen: 49.35 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 889967

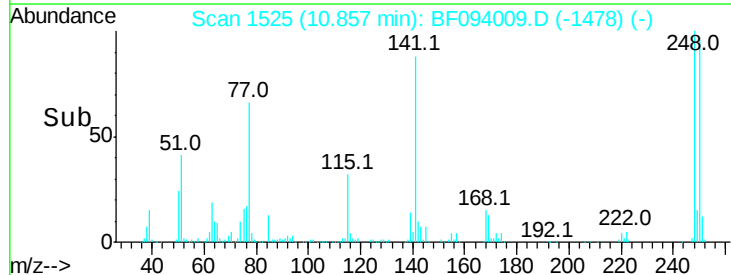
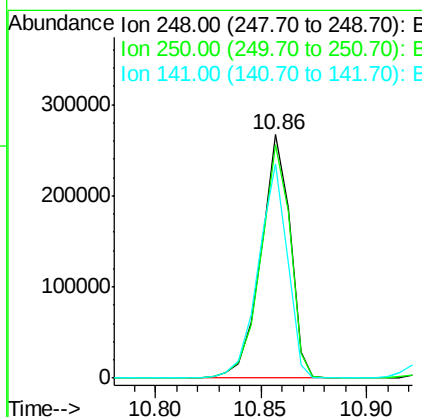
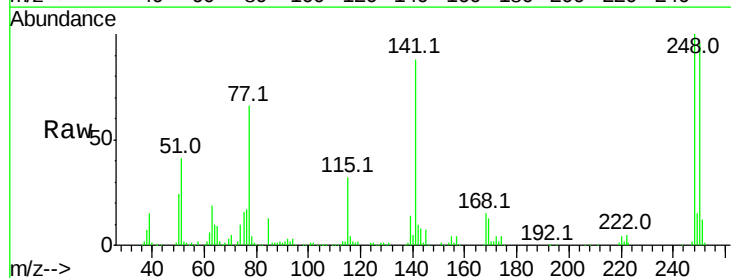
Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.2	79.8
167	37.7	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 50.28 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:248 Resp: 257893

Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.8	115.2
141	88.0	68.6	103.0

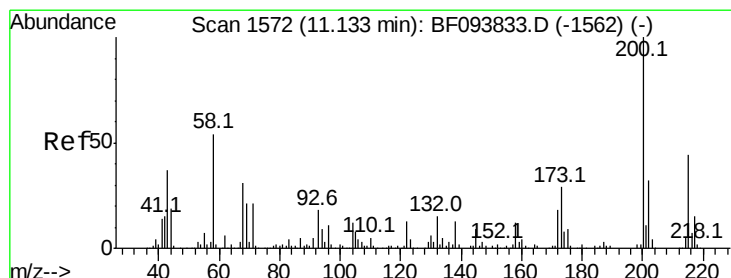
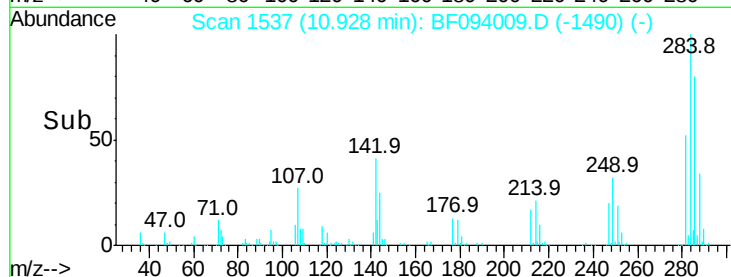
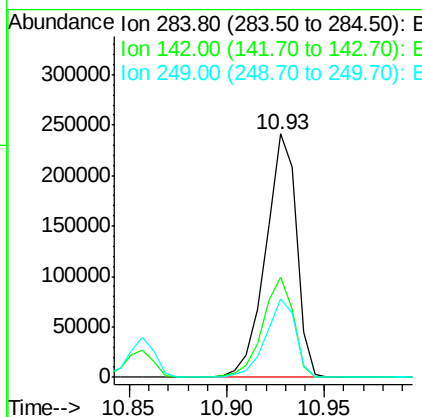
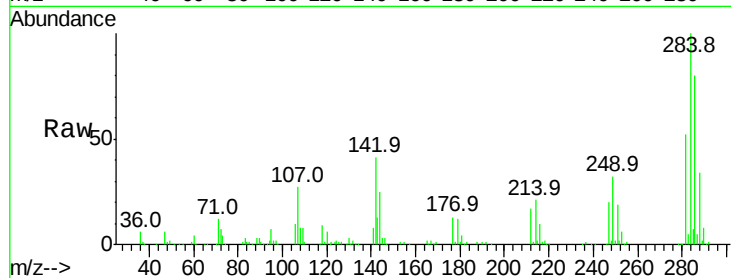




#67
Hexachlorobenzene
Concen: 50.70 ng
RT: 10.93 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

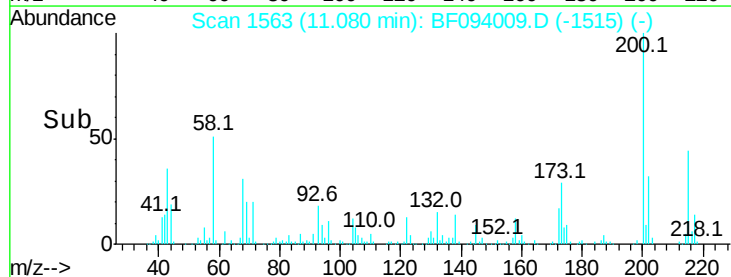
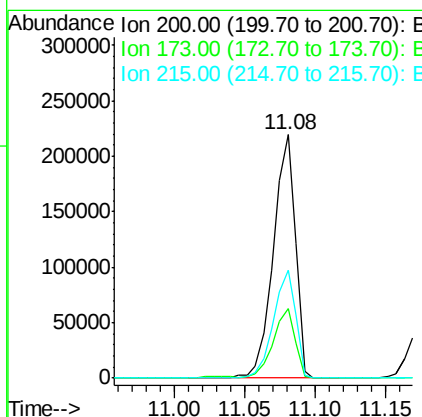
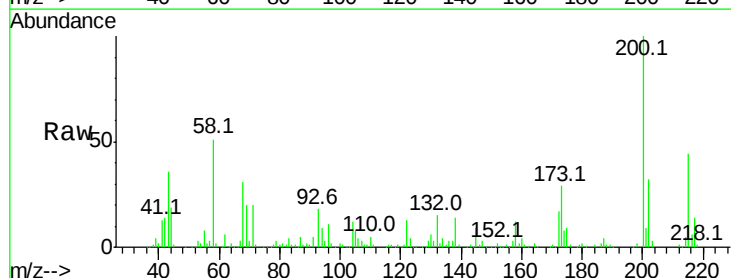
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 263207
Ion Ratio Lower Upper
284 100
142 41.2 22.8 34.2#
249 32.3 24.0 36.0



#68
Atrazine
Concen: 44.66 ng
RT: 11.08 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion:200 Resp: 241218
Ion Ratio Lower Upper
200 100
173 28.6 6.3 46.3
215 44.2 27.2 67.2

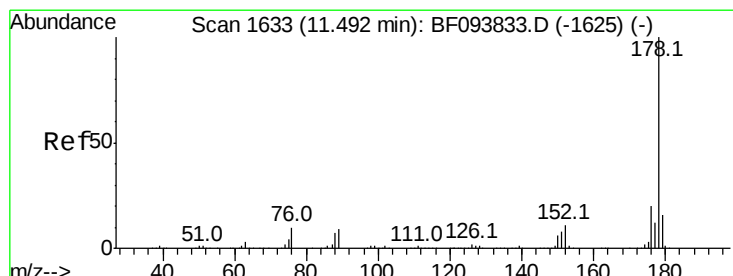
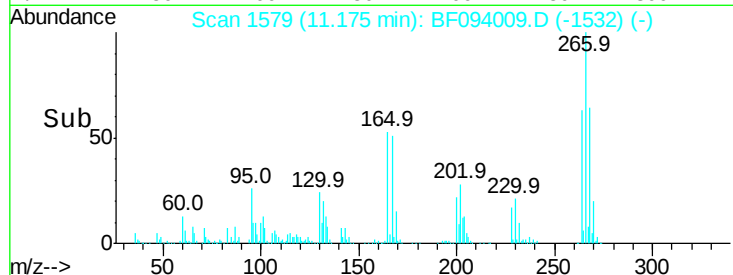
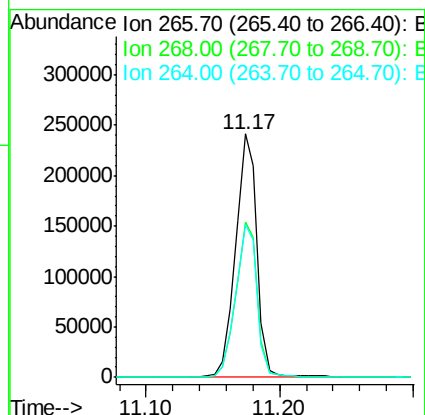
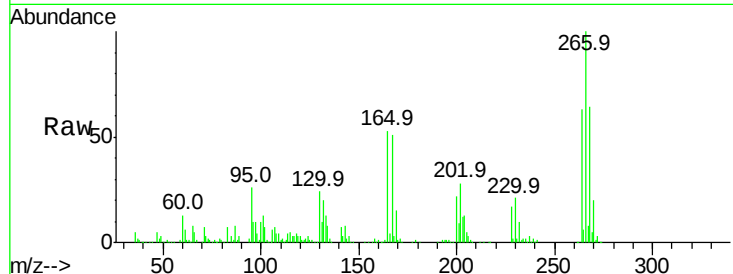




#69
 Pentachlorophenol
 Concen: 84.13 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

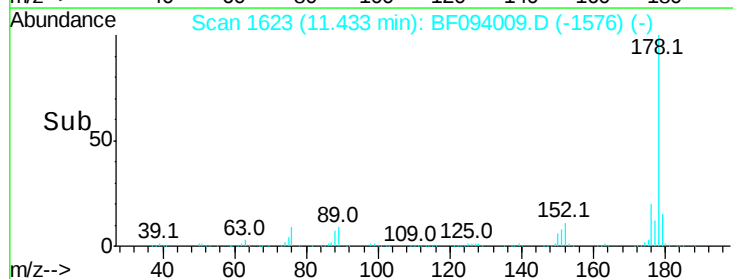
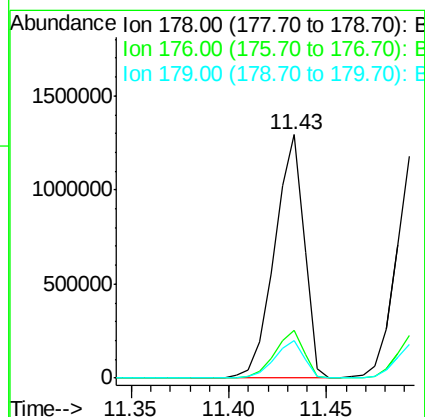
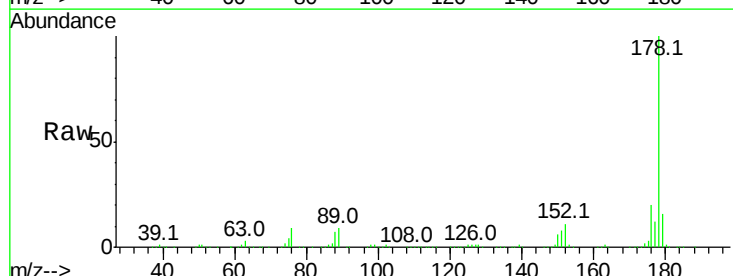
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 271853
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 62.6 51.7 77.5



#70
 Phenanthrene
 Concen: 46.81 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:178 Resp: 1357789
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.5 12.6 19.0

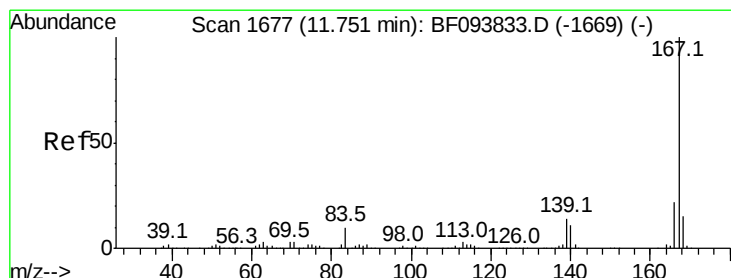
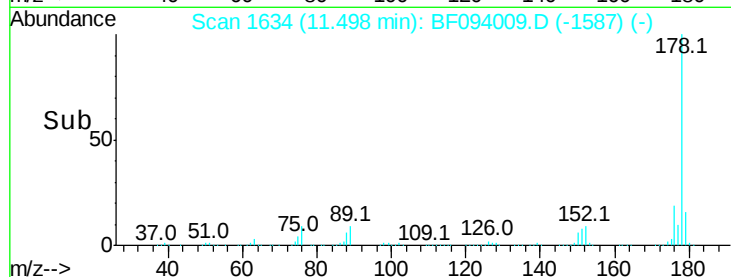
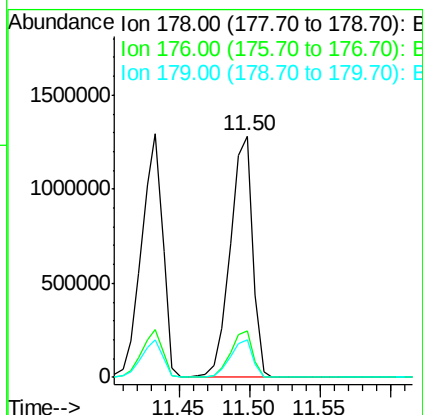
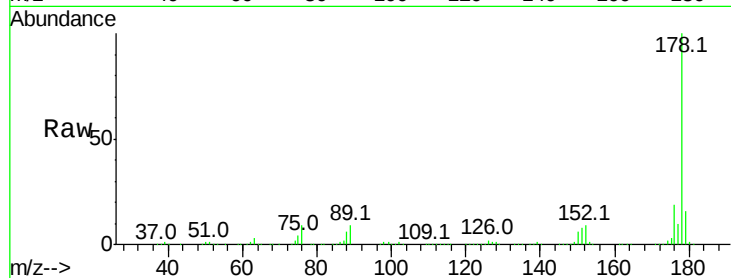




#71
 Anthracene
 Concen: 47.12 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

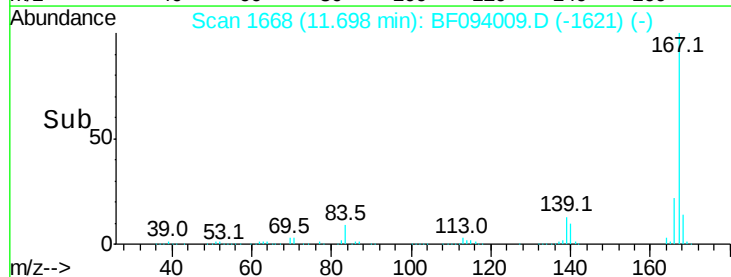
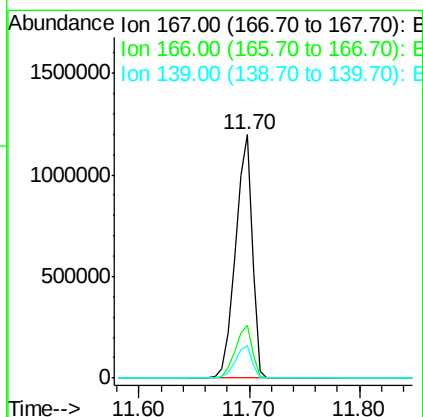
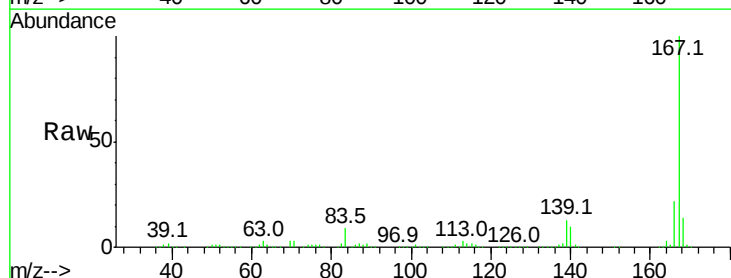
Instrument :
 BNA_F
 ClientSampleId :

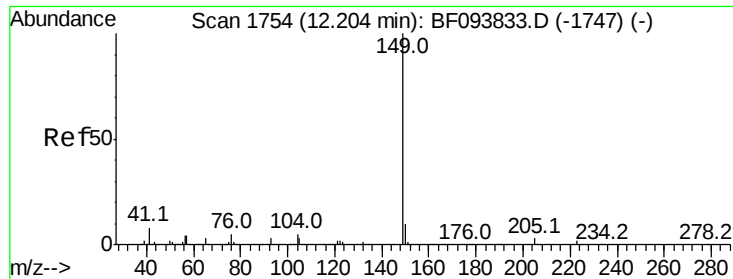
Tot Ion:178 Resp: 1407524
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 41.85 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:167 Resp: 1281807
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 50.77 ng

RT: 12.15 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampleId :

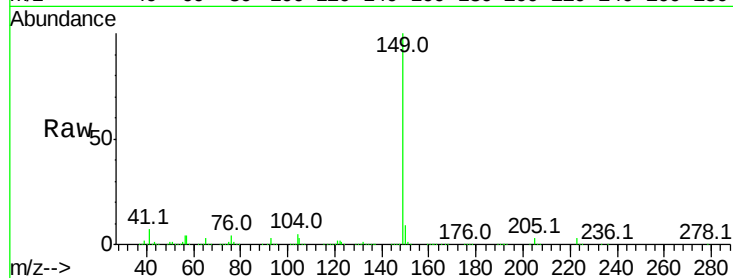
Tot Ion:149 Resp: 1617221

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

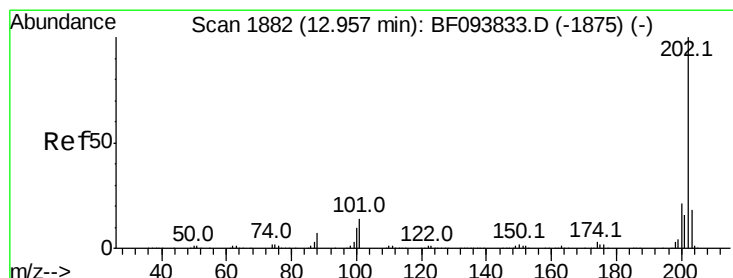
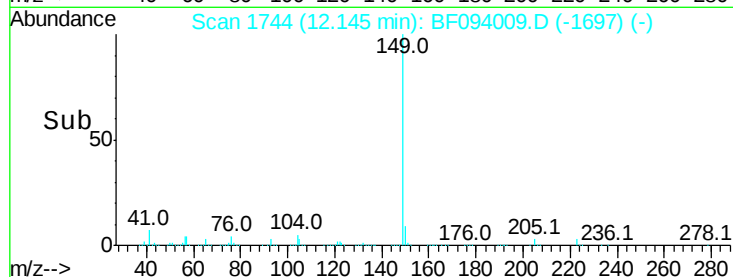
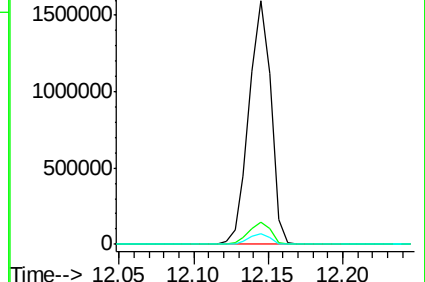
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.92 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.03 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

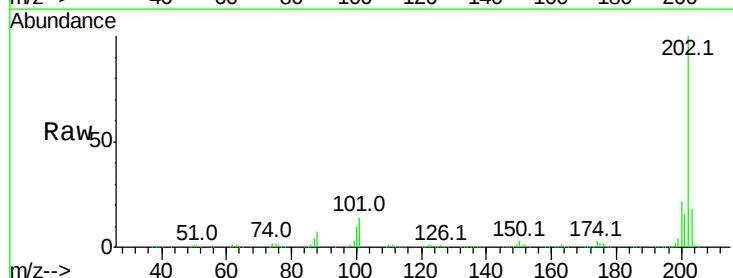
Tgt Ion:202 Resp: 1334339

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

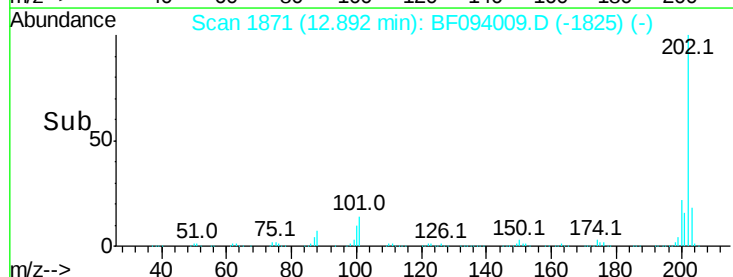
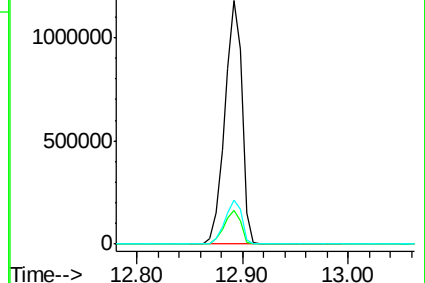
203 17.9 0.0 38.1

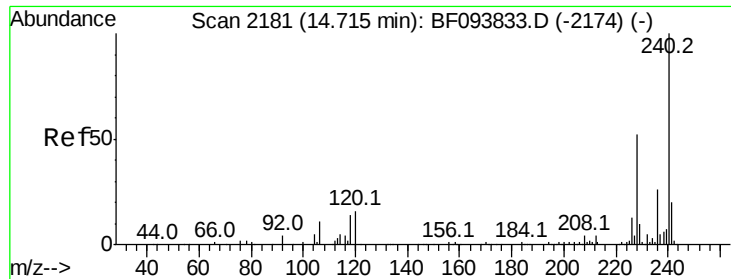


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampleId :

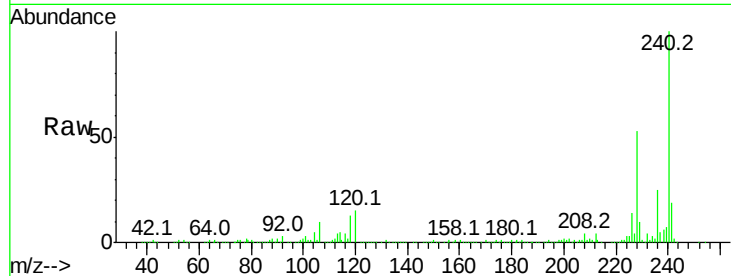
Tot Ion:240 Resp: 353468

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

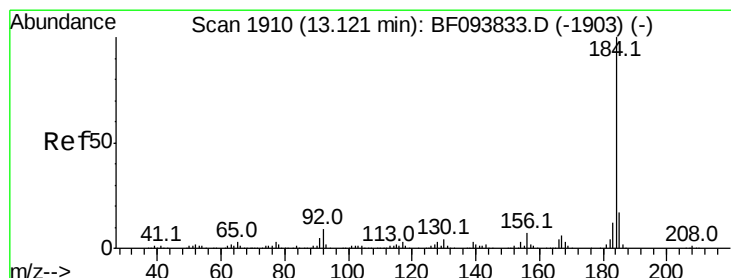
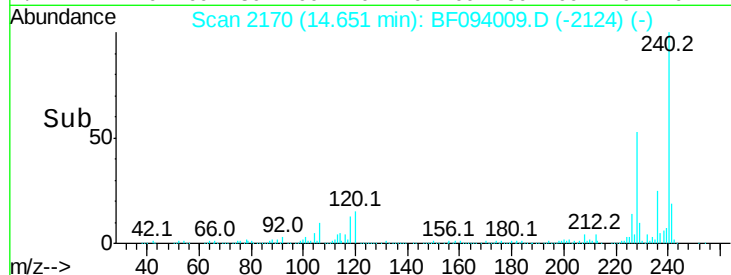
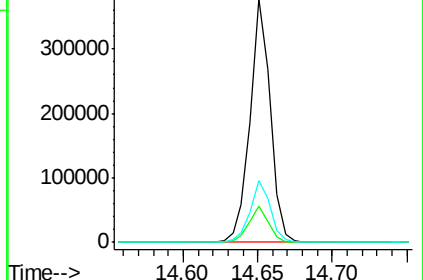
236 25.3 20.5 30.7



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: 13.38 ng

RT: 13.06 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

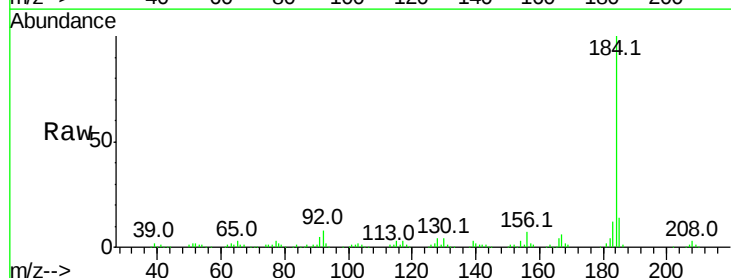
Tgt Ion:184 Resp: 187115

Ion Ratio Lower Upper

184 100

185 13.6 15.5 23.3#

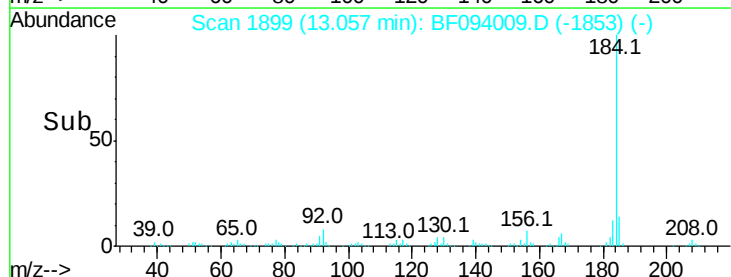
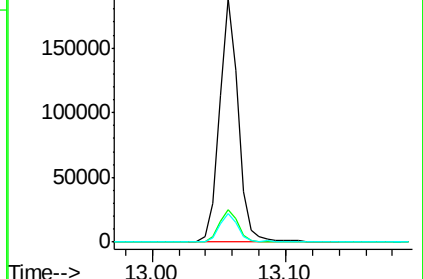
183 11.8 9.8 14.6

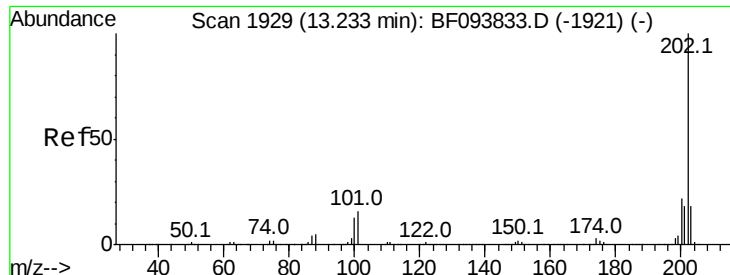


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

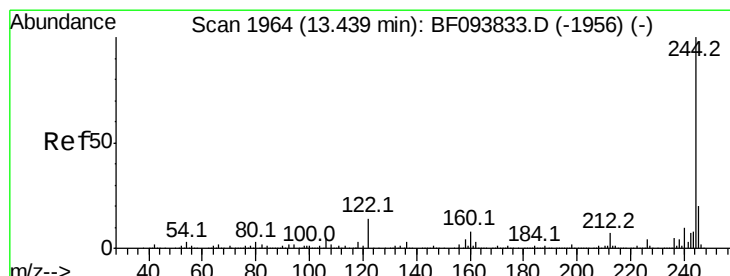
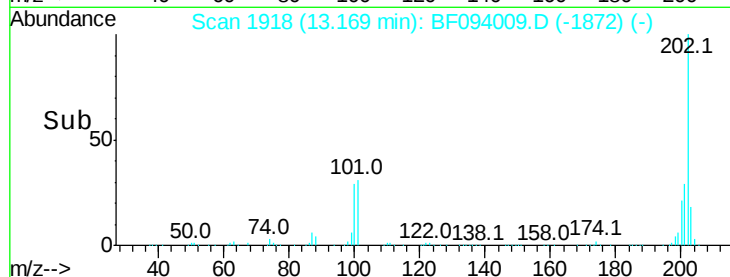
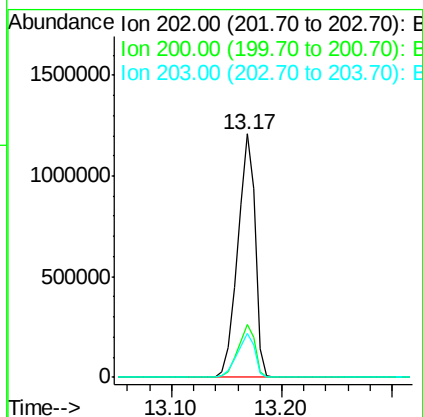
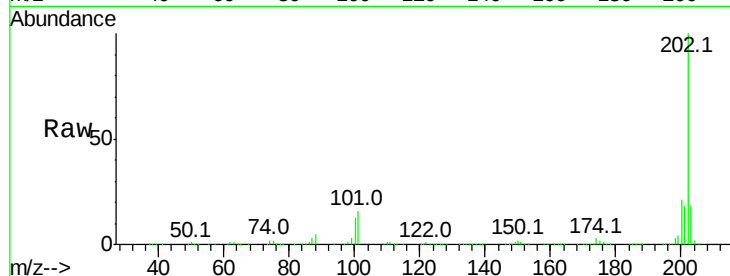




#77
Pvrene
Concen: 52.24 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

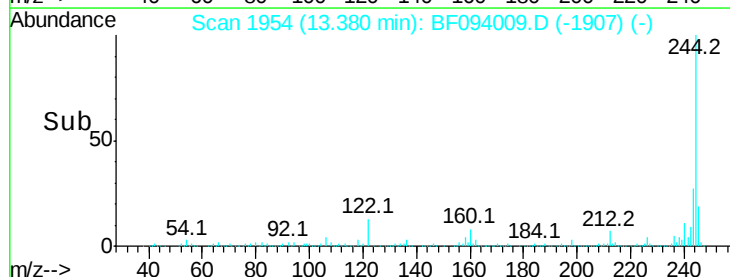
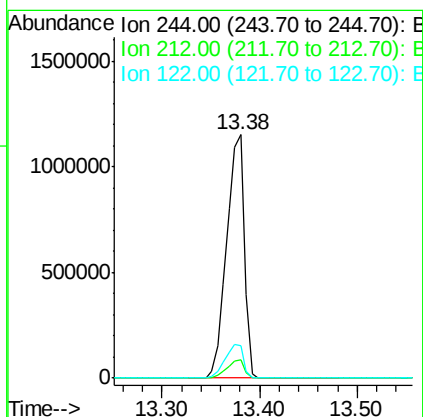
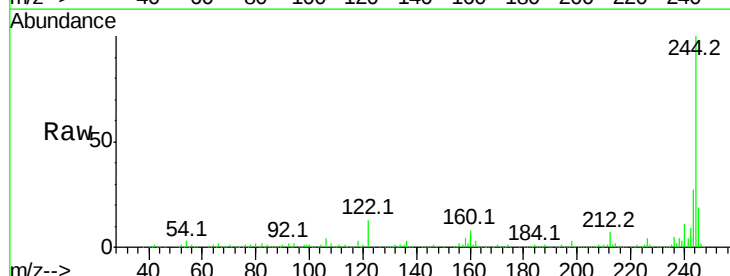
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1340144
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.0 14.4 21.6



#78
Terphenyl-d14
Concen: 92.07 ng
RT: 13.38 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion:244 Resp: 1451946
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.1 10.3 15.5

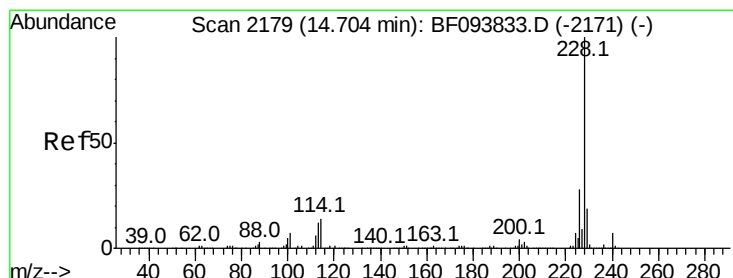
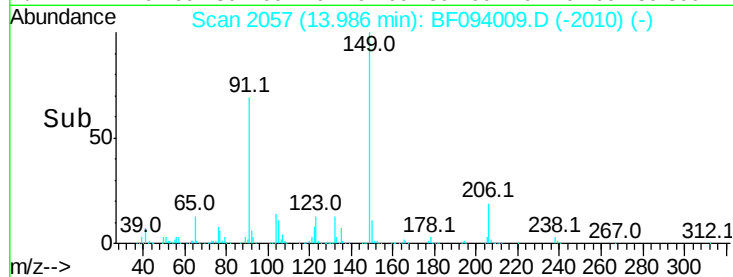
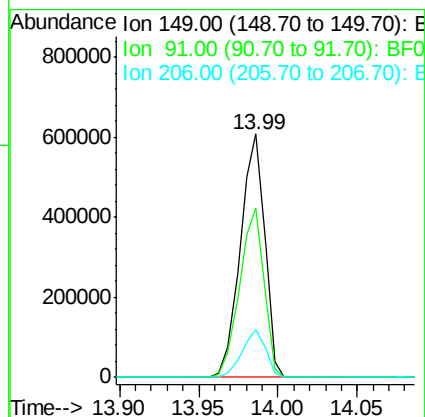
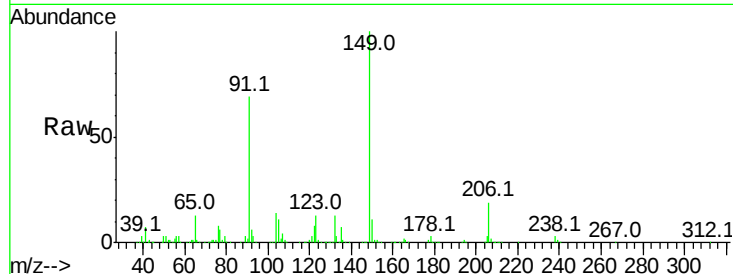




#79
Butylbenzylphthalate
Concen: 59.04 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

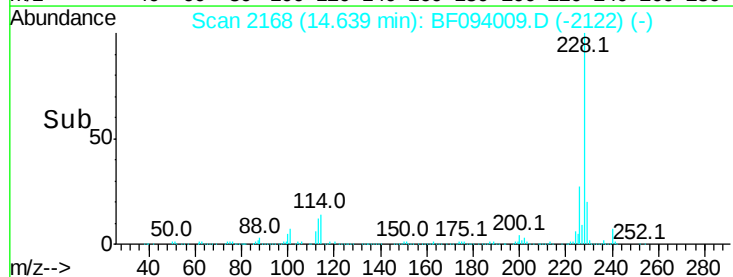
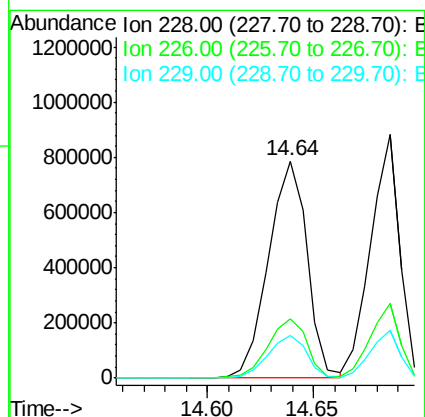
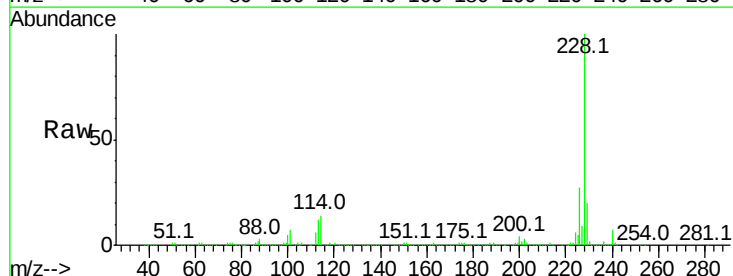
Instrument :
BNA_F
ClientSampleId :

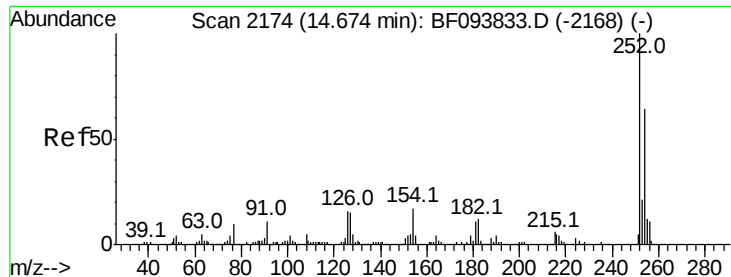
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.4	45.0	67.4#
206	19.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 48.45 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.8	16.3	24.5

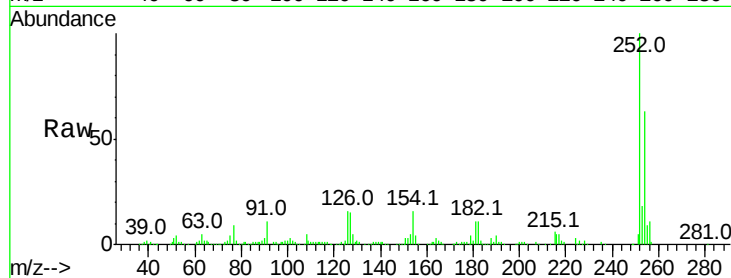




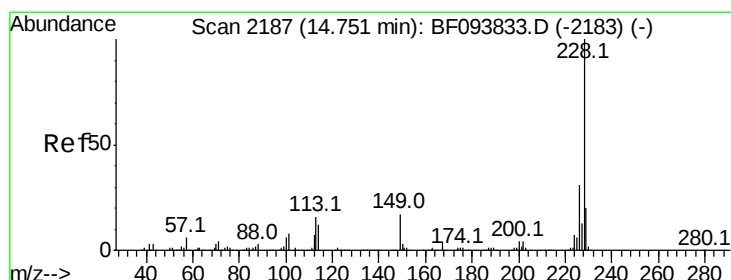
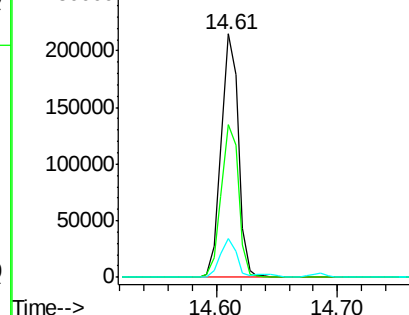
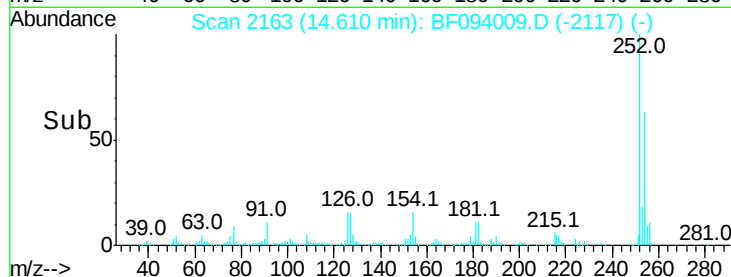
#81
 3,3'-Dichlorobenzidine
 Concen: 28.39 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	16.0	15.8	23.8

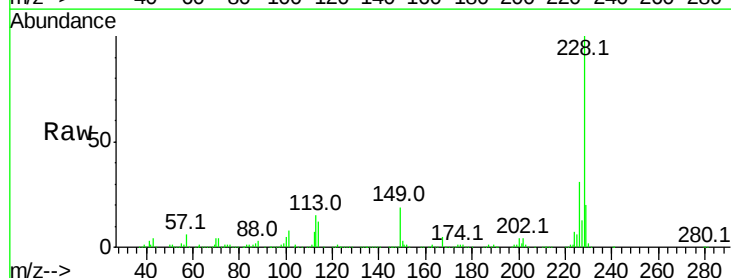


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

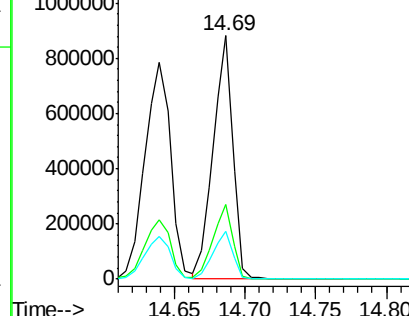
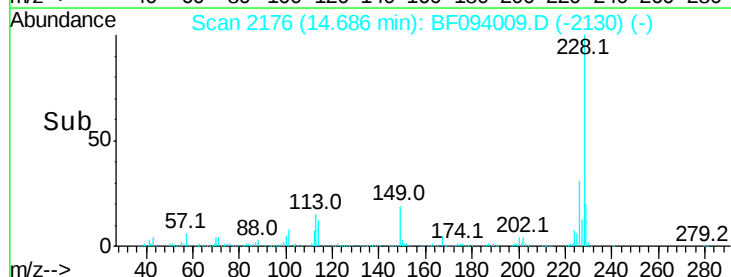


#82
 Chrysene
 Concen: 44.76 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.8	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: 60.12 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampleId :

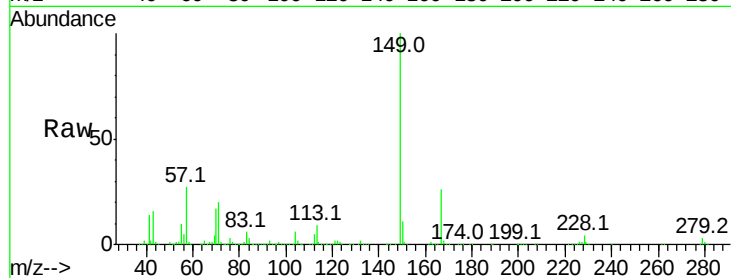
Tot Ion:149 Resp: 896440

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.7	1.9	2.9

149 100

167 26.3 21.0 31.4

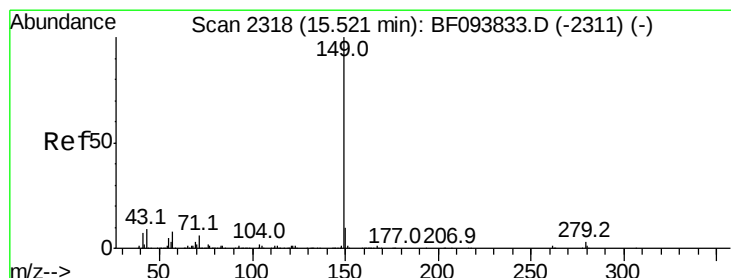
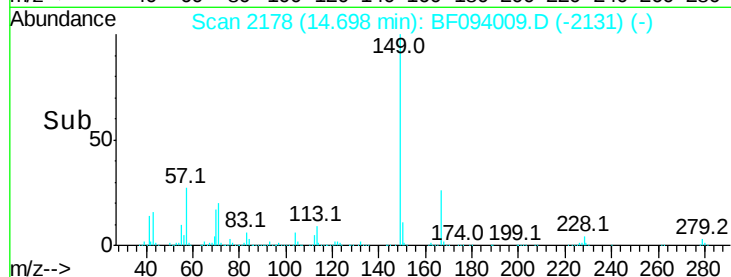
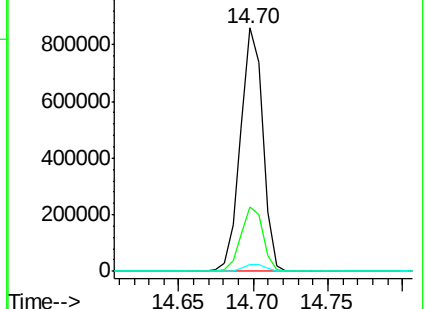
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 58.43 ng

RT: 15.45 min Scan# 2306

Delta R.T. -0.03 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

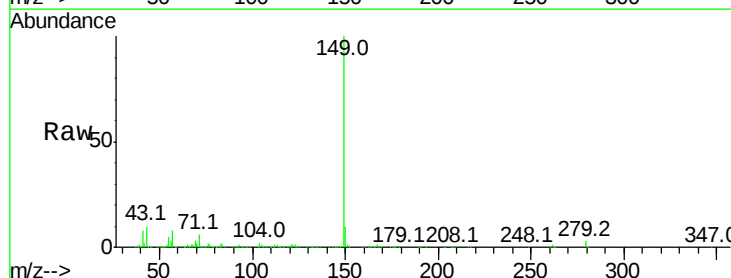
Tgt Ion:149 Resp: 1455470

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.5	8.5	12.7

149 100

167 1.5 1.2 1.8

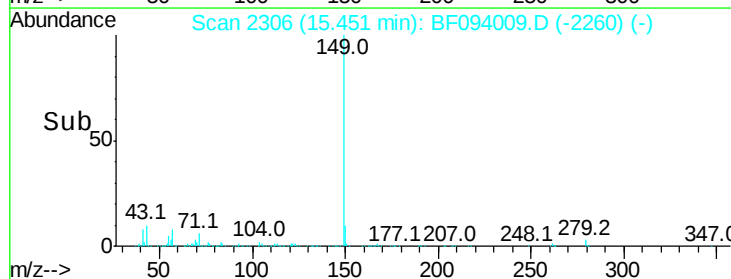
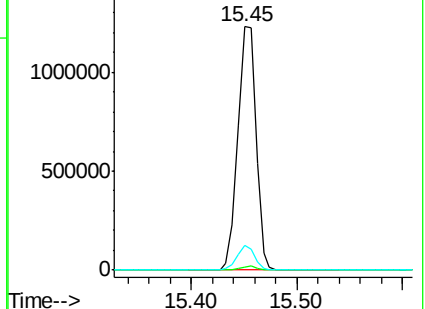
43 9.5 8.5 12.7

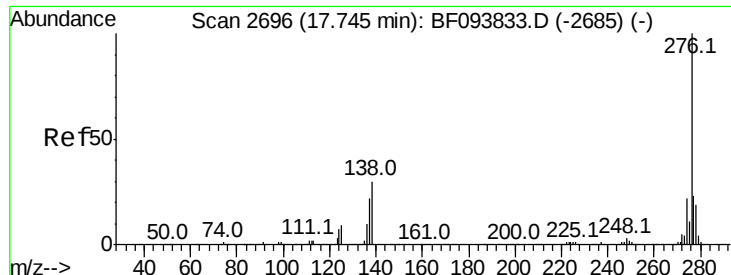


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

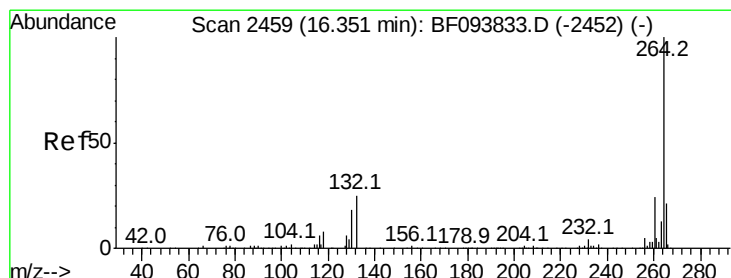
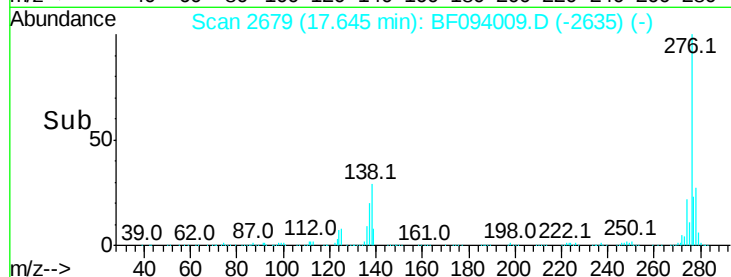
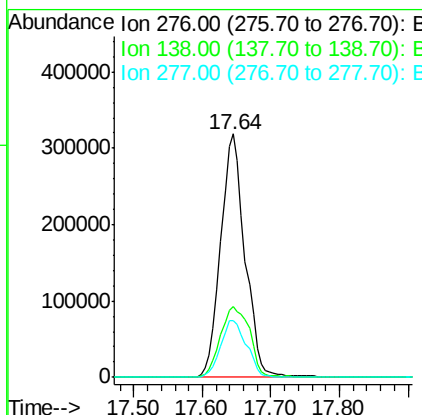
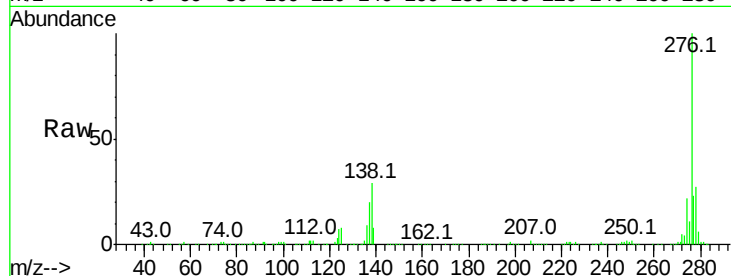




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.44 ng
 RT: 17.64 min Scan# 2679
 Delta R.T. -0.04 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

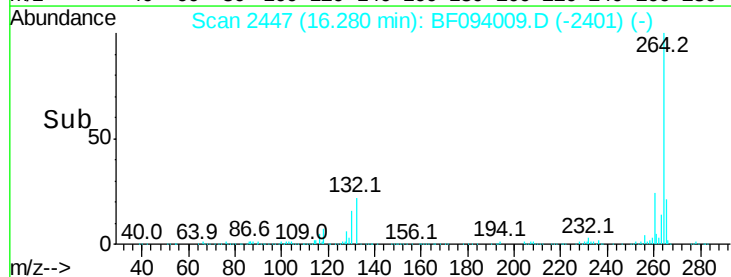
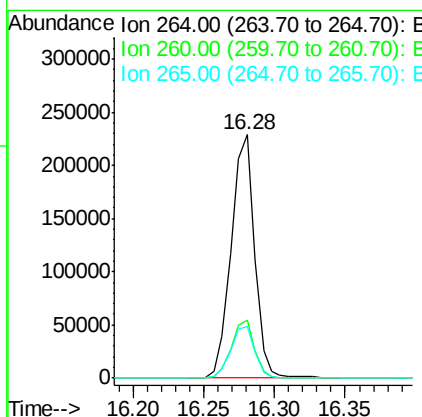
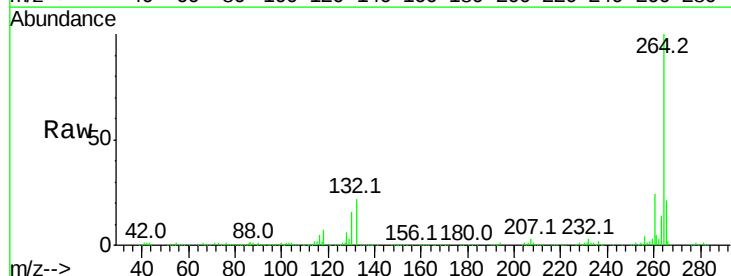
Instrument :
 BNA_F
 ClientSampleId :

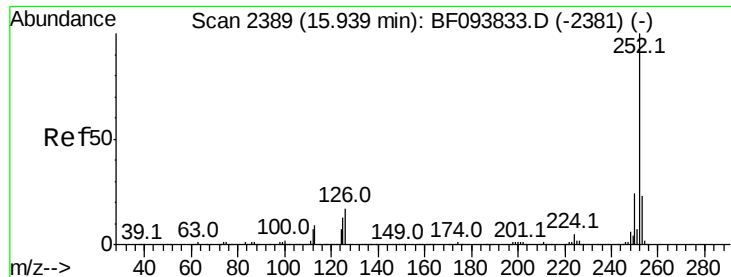
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.28 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.70 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampled :

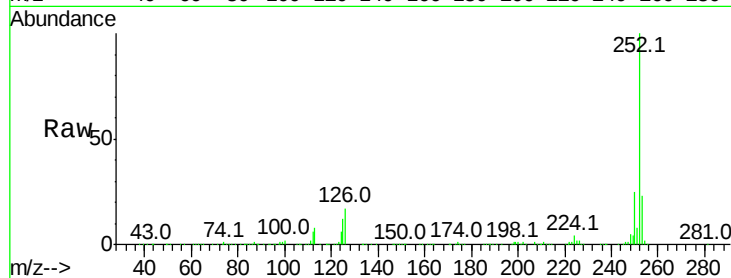
Tot Ion:252 Resp: 808471

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

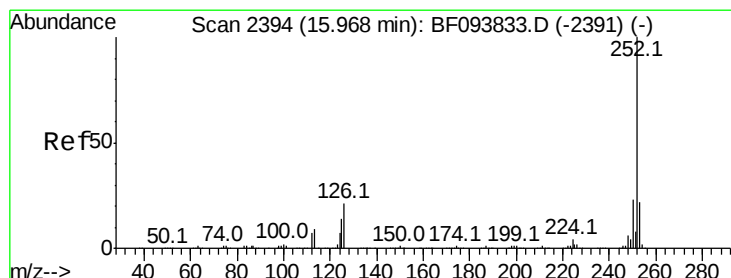
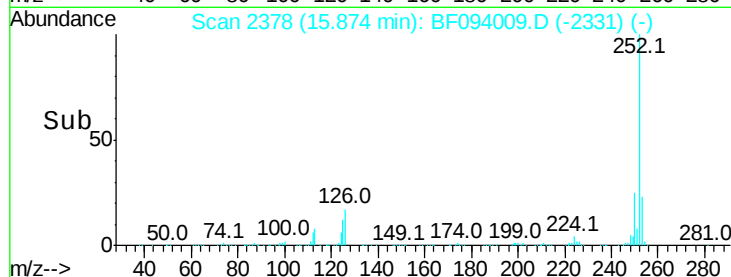
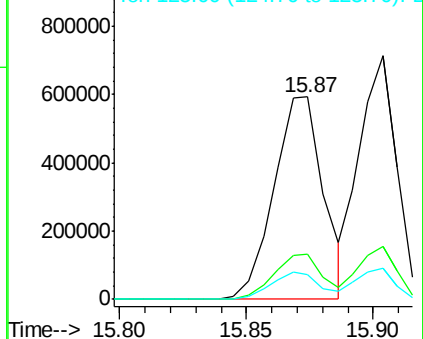
125 12.2 9.8 14.8



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: 46.90 ng

RT: 15.90 min Scan# 2383

Delta R.T. -0.03 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

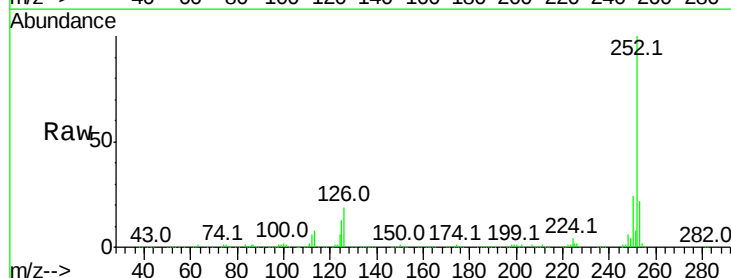
Tgt Ion:252 Resp: 746486

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

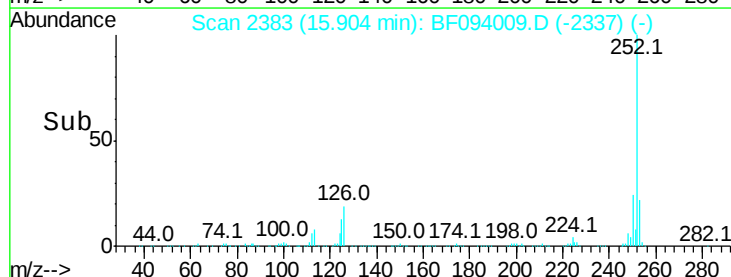
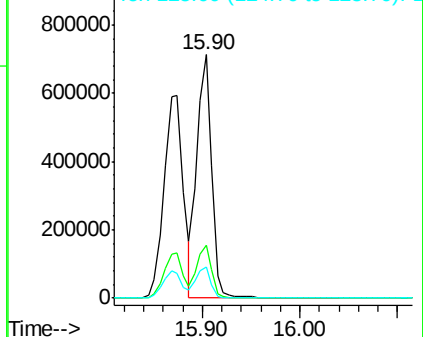
125 12.7 13.1 19.7#

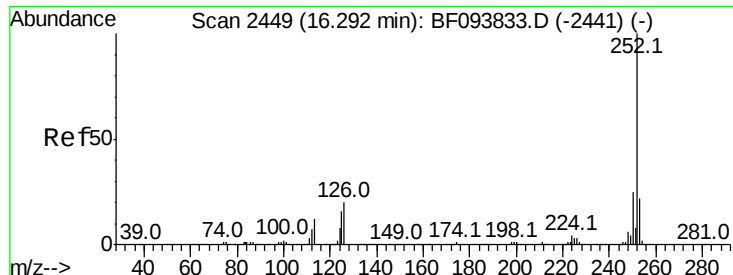


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.97 ng

RT: 16.22 min Scan# 2437

Delta R.T. -0.03 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampleId :

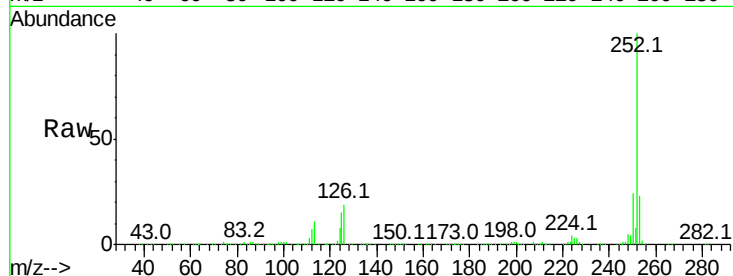
Tot Ion:252 Resp: 748557

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

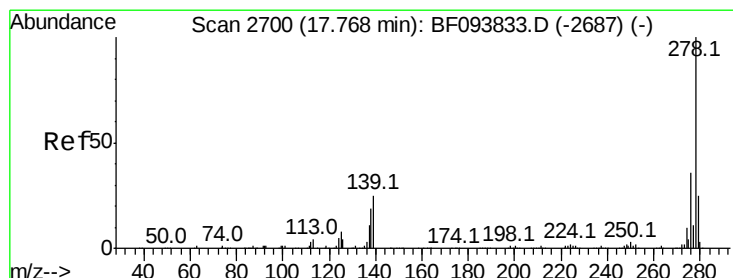
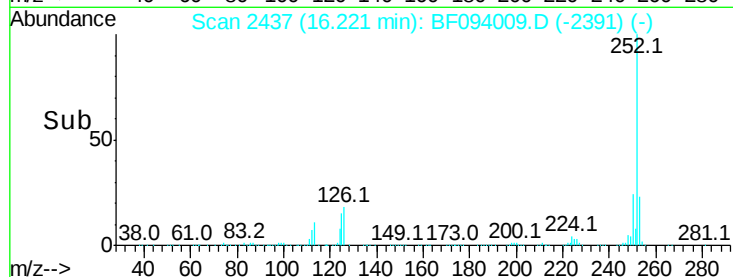
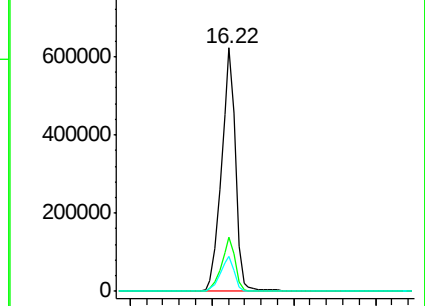
125 14.6 11.0 16.4



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: 51.09 ng

RT: 17.67 min Scan# 2683

Delta R.T. -0.04 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

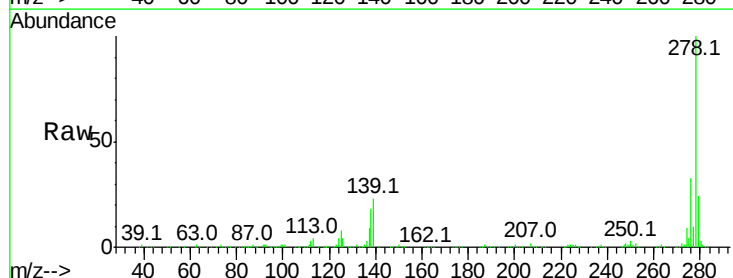
Tgt Ion:278 Resp: 648217

Ion Ratio Lower Upper

278 100

139 22.5 16.6 24.8

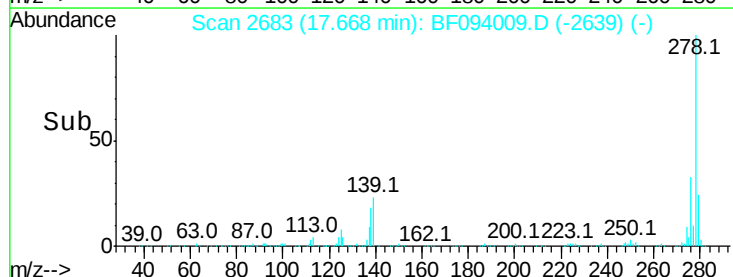
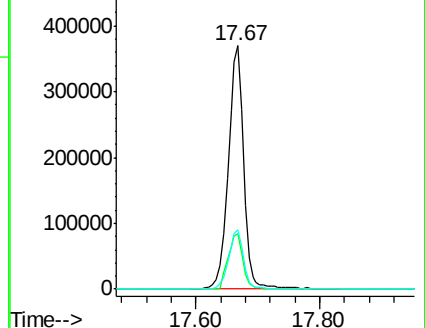
279 24.2 19.3 28.9

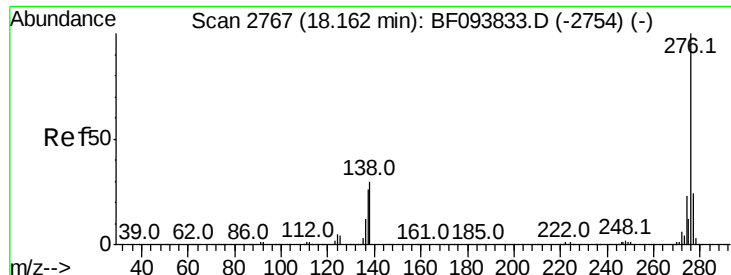


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.40 ng

RT: 18.04 min Scan# 2747

Delta R.T. -0.05 min

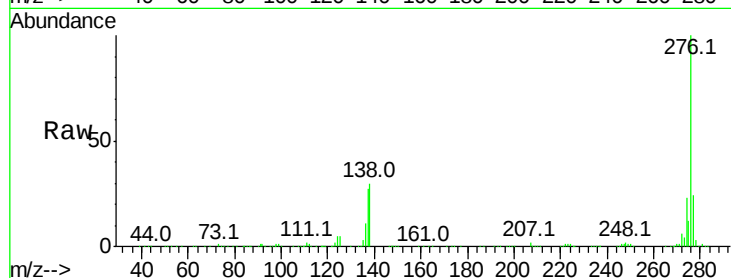
Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampleId :



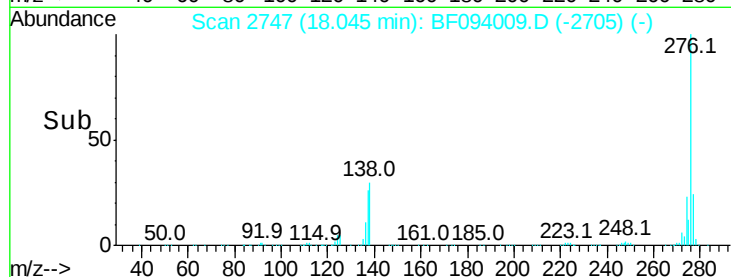
Tot Ion: 276 Resp: 631603

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 30.4 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

