

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094320.D
 Acq On : 10 Apr 2017 19:22
 Operator : SJ/MA
 Sample : I2601-09MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:49:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	164454	20.00	ng	-0.02
21) Naphthalene-d8	7.35	136	663622	20.00	ng	-0.02
38) Acenaphthene-d10	9.49	164	297343	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	506331	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	371952	20.00	ng	-0.01
86) Perylene-d12	16.18	264	272122	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1213717	124.65	ng	0.02
7) Phenol-d6	5.48	99	1556520	129.22	ng	0.02
23) Nitrobenzene-d5	6.49	82	995391	85.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	325334	138.46	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1698298	87.12	ng	-0.02
78) Terphenyl-d14	13.29	244	1368941	82.50	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	166641	35.62	ng	97
3) Pyridine	2.72	79	202592	15.89	ng	99
4) n-Nitrosodimethylamine	2.67	42	231409	44.11	ng	90
6) Aniline	5.46	93	457006	27.28	ng	97
8) 2-Chlorophenol	5.62	128	498844	46.61	ng	98
9) Benzaldehyde	5.33	77	187644	23.07	ng	97
10) Phenol	5.50	94	695939	50.77	ng	90
11) bis(2-Chloroethyl)ether	5.55	93	483879	45.17	ng	99
12) 1,3-Dichlorobenzene	5.77	146	532198	44.33	ng	99
13) 1,4-Dichlorobenzene	5.86	146	536351	44.11	ng	96
14) 1,2-Dichlorobenzene	6.03	146	485805	43.39	ng	97
15) Benzyl Alcohol	6.02	79	384888	43.66	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	630332	38.19	ng	# 42
17) 2-Methylphenol	6.17	107	403656	44.04	ng	# 87
18) Hexachloroethane	6.43	117	190094	44.48	ng	# 85
19) n-Nitroso-di-n-propylamine	6.33	70	364478	47.08	ng	96
20) 3+4-Methylphenols	6.36	107	557507	50.22	ng	# 63
22) Acetophenone	6.32	105	703035	47.53	ng	# 86
24) Nitrobenzene	6.52	77	509043	44.39	ng	94
25) Isophorone	6.80	82	901306	44.11	ng	95
26) 2-Nitrophenol	6.89	139	282096	51.58	ng	99
27) 2,4-Dimethylphenol	6.97	122	444690	47.19	ng	99
28) bis(2-Chloroethoxy)methane	7.06	93	595697	44.21	ng	99
29) 2,4-Dichlorophenol	7.20	162	423201	48.03	ng	97
30) 1,2,4-Trichlorobenzene	7.28	180	415482	45.78	ng	98
31) Naphthalene	7.37	128	1398334	43.82	ng	99
32) Benzoic acid	7.14	122	170416	27.16	ng	98
33) 4-Chloroaniline	7.44	127	344990	26.68	ng	95
34) Hexachlorobutadiene	7.52	225	204752	43.99	ng	98
35) Caprolactam	7.89	113	62954	22.40	ng	91
36) 4-Chloro-3-methylphenol	8.08	107	438578	47.63	ng	88
37) 2-Methylnaphthalene	8.22	142	965990	45.41	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	358118	44.03	ng	98
40) Hexachlorocyclopentadiene	8.41	237	346349	90.99	ng	98

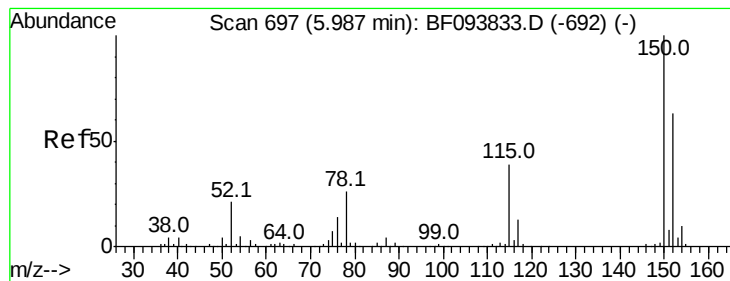
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094320.D
 Acq On : 10 Apr 2017 19:22
 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.57	196	277695	48.25	nq	97
43) 2,4,5-Trichlorophenol	8.63	196	281953	45.28	nq	96
45) 1,1'-Biphenyl	8.79	154	1063418	44.34	nq	98
46) 2-Chloronaphthalene	8.81	162	847728	45.15	nq	95
47) 2-Nitroaniline	8.94	65	260571	46.79	nq	89
48) Acenaphthylene	9.32	152	1299074	41.63	nq	100
49) Dimethylphthalate	9.18	163	1425820	67.46	nq	100
50) 2,6-Dinitrotoluene	9.25	165	228217	47.10	nq	# 89
51) Acenaphthene	9.53	154	790285	43.41	nq	100
52) 3-Nitroaniline	9.45	138	190833	33.54	nq	92
53) 2,4-Dinitrophenol	9.59	184	198478	76.75	nq	# 71
54) Dibenzofuran	9.74	168	1098458	44.32	nq	98
55) 4-Nitrophenol	9.74	139	755865	169.64	nq	# 31
56) 2,4-Dinitrotoluene	9.74	165	263039	43.22	nq	# 60
57) Fluorene	10.16	166	843698	41.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	204438	47.85	nq	97
59) Diethylphthalate	10.05	149	963164	46.11	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	364077	41.58	nq	91
61) 4-Nitroaniline	10.21	138	236142	43.25	nq	95
62) Azobenzene	10.36	77	933145	47.22	nq	96
64) 4,6-Dinitro-2-methylphenol	10.24	198	152076	49.04	nq	# 77
65) n-Nitrosodiphenylamine	10.32	169	804643	45.95	nq	97
66) 4-Bromophenyl-phenylether	10.76	248	229295	46.04	nq	93
67) Hexachlorobenzene	10.84	284	233728	46.37	nq	# 89
68) Atrazine	11.00	200	236604	45.11	nq	97
69) Pentachlorophenol	11.10	266	222295	70.85	nq	97
70) Phenanthrene	11.34	178	1253070	44.49	nq	99
71) Anthracene	11.40	178	1299122	44.80	nq	98
72) Carbazole	11.61	167	1220095	41.03	nq	98
73) Di-n-butylphthalate	12.05	149	1446746	46.78	nq	100
74) Fluoranthene	12.80	202	1268270	43.97	nq	98
76) Benzidine	12.97	184	95143	6.46	nq	# 92
77) Pyrene	13.07	202	1276748	47.30	nq	99
79) Butylbenzylphthalate	13.89	149	602686	52.40	nq	# 85
80) Benzo(a)anthracene	14.54	228	979445	45.16	nq	99
81) 3,3'-Dichlorobenzidine	14.52	252	236734	30.54	nq	# 96
82) Chrysene	14.59	228	849920	42.23	nq	99
83) Bis(2-ethylhexyl)phthalate	14.61	149	813633	51.85	nq	# 98
84) Di-n-octyl phthalate	15.36	149	1283548	48.96	nq	97
85) Indeno(1,2,3-cd)pyrene	17.51	276	753585	43.23	nq	98
87) Benzo(b)fluoranthene	15.78	252	802778	48.13	nq	98
88) Benzo(k)fluoranthene	15.78	252	802778	49.19	nq	97
89) Benzo(a)pyrene	16.13	252	694943	45.24	nq	98
90) Dibenzo(a,h)anthracene	17.53	278	630822	48.49	nq	98
91) Benzo(g,h,i)perylene	17.90	276	649571	49.55	nq	98

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

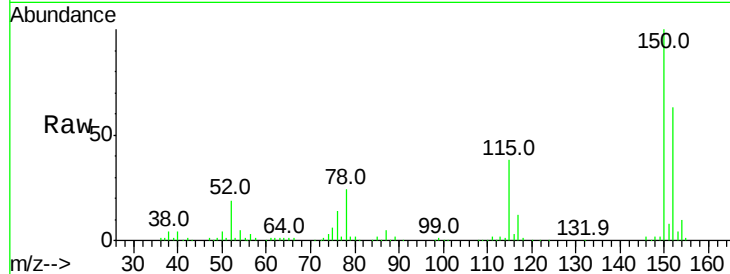


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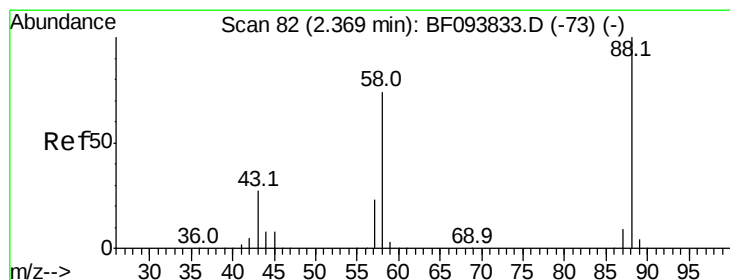
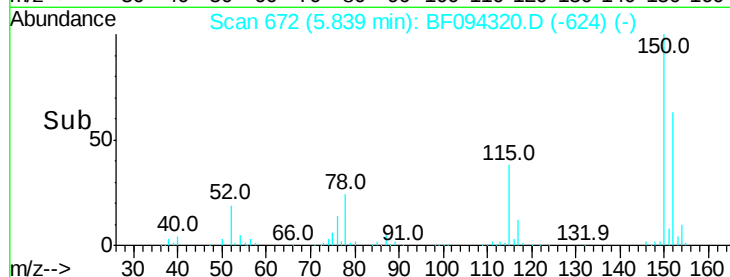
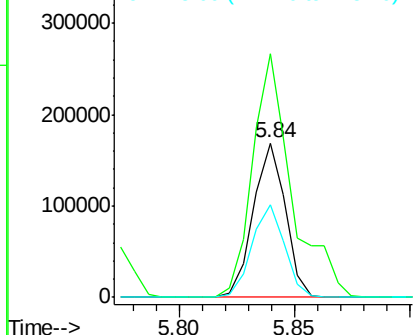
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164454
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 60.1 52.2 78.2



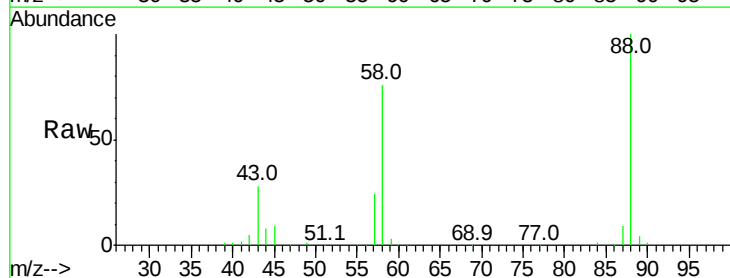
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



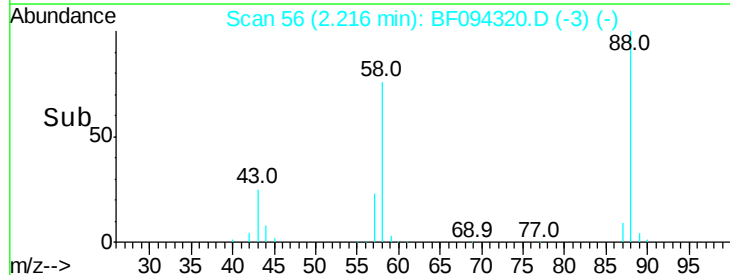
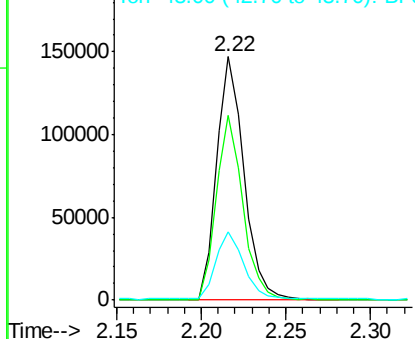
#2

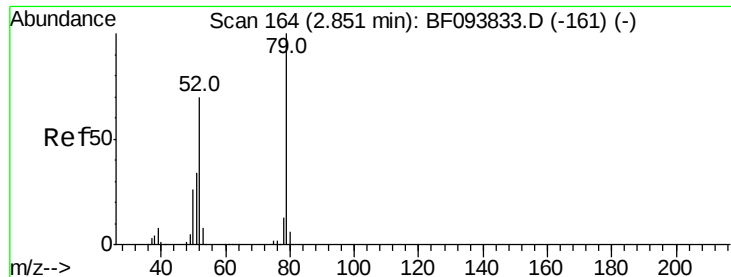
1,4-Dioxane
Concen: 35.62 ng
RT: 2.22 min Scan# 56
Delta R.T. 0.01 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Tgt Ion: 88 Resp: 166641
Ion Ratio Lower Upper
88 100
58 74.1 61.4 92.0
43 27.9 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 15.89 ng

RT: 2.72 min Scan# 141

Delta R.T. 0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

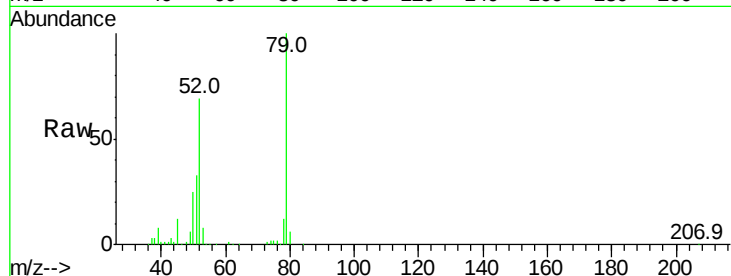
Tot Ion: 79 Resp: 202592

Ion Ratio Lower Upper

79 100

52 69.2 54.8 82.2

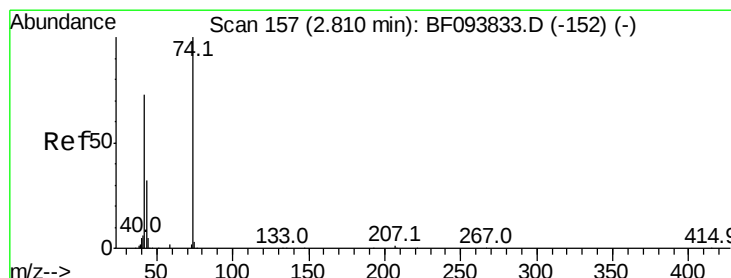
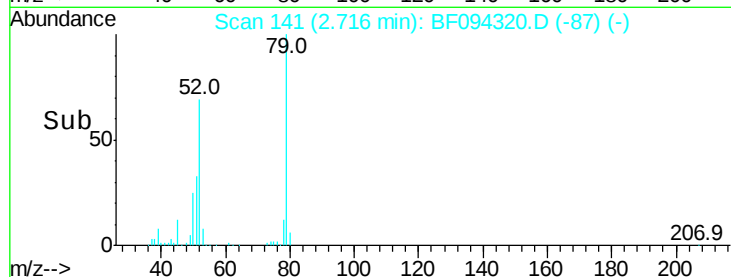
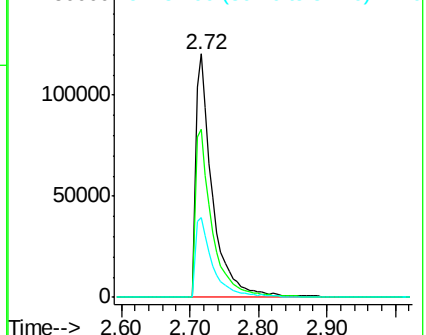
51 32.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.11 ng

RT: 2.67 min Scan# 134

Delta R.T. 0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

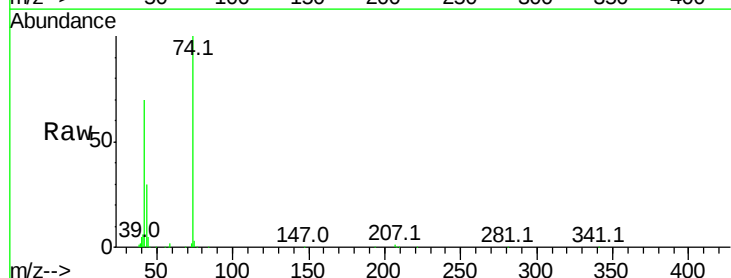
Tgt Ion: 42 Resp: 231409

Ion Ratio Lower Upper

42 100

74 142.6 103.9 155.9

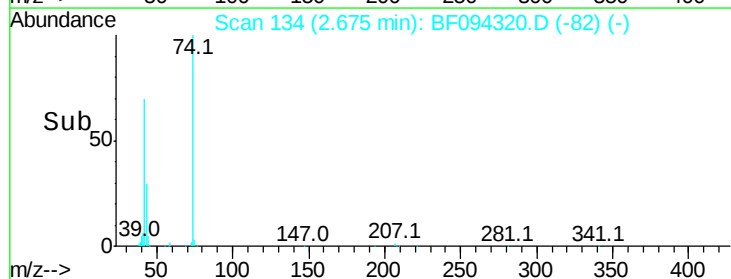
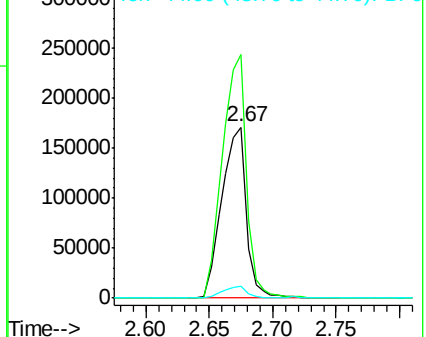
44 6.7 5.7 8.5

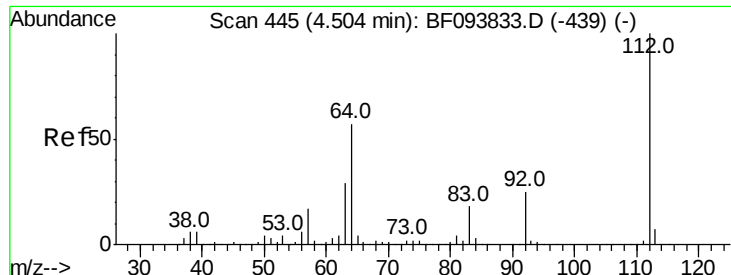


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.65 ng

RT: 4.40 min Scan# 428

Delta R.T. 0.02 min

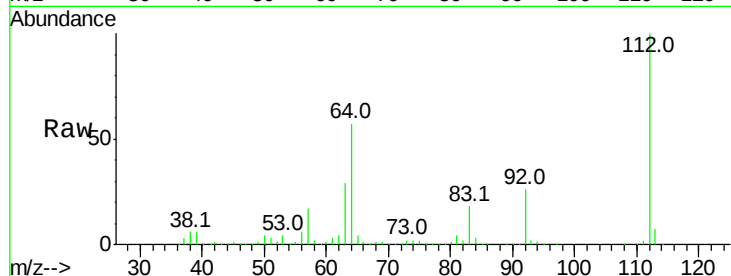
Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 1213717

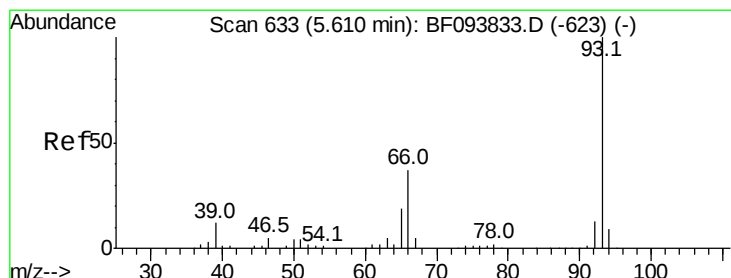
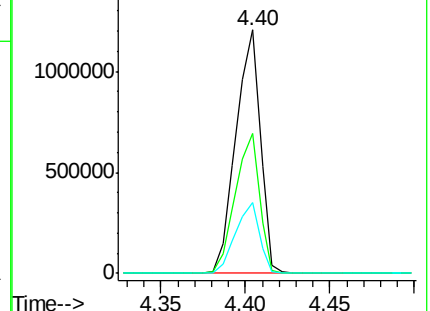
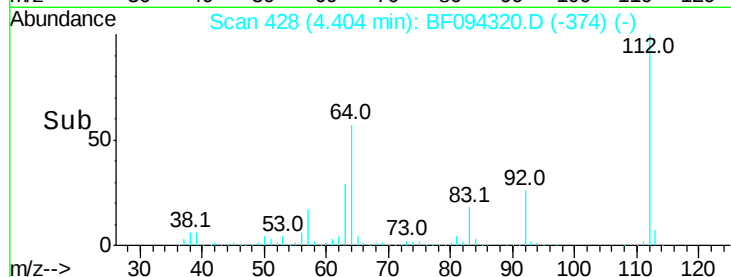
Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.0	69.0
63	29.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.28 ng

RT: 5.46 min Scan# 608

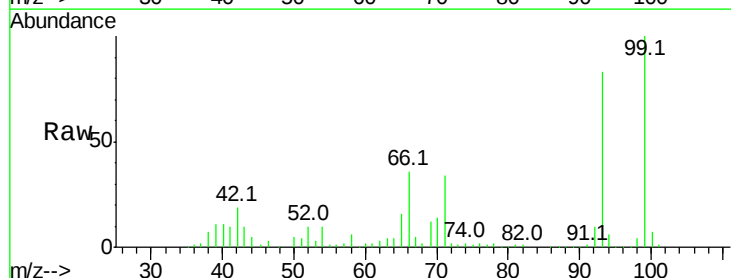
Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Tgt Ion: 93 Resp: 457006

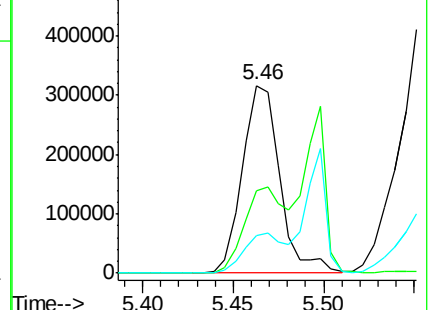
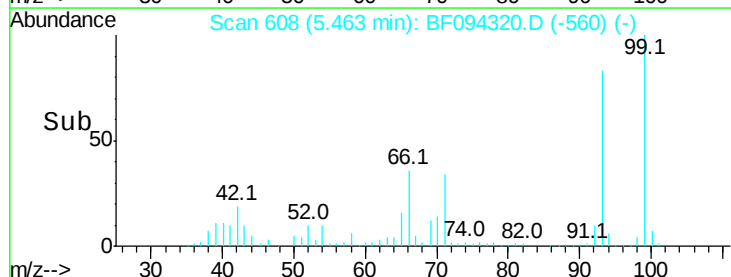
Ion	Ratio	Lower	Upper
93	100		
66	44.1	32.9	49.3
65	19.9	16.0	24.0

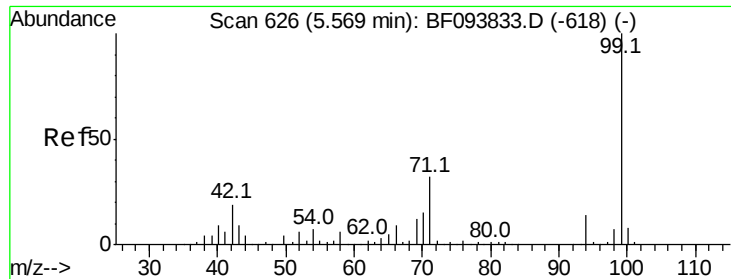


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.22 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

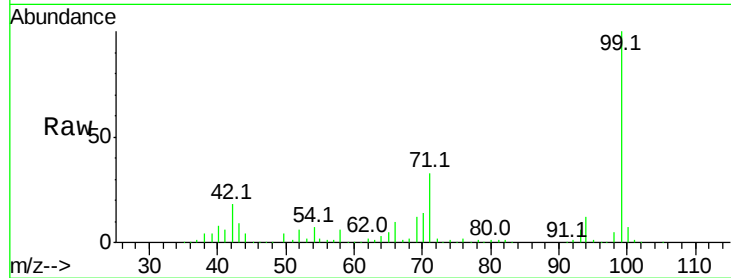
Tot Ion: 99 Resp: 1556520

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

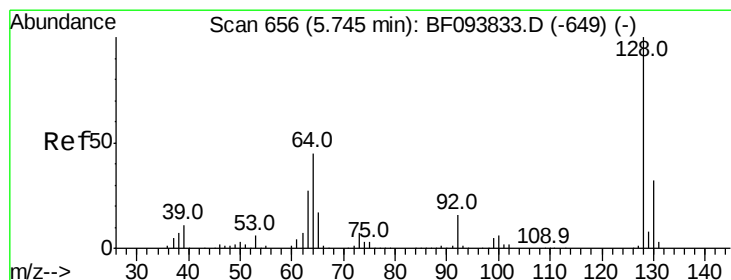
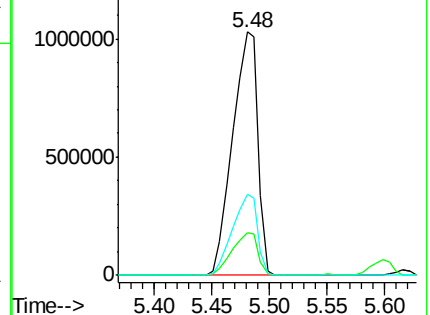
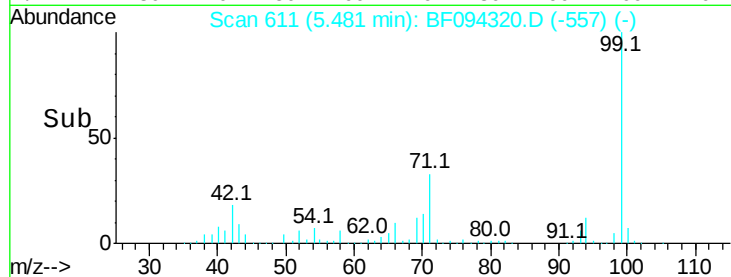
71 33.2 24.5 36.7



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: 46.61 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

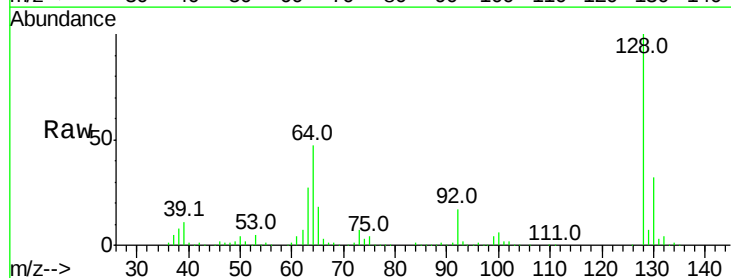
Tgt Ion:128 Resp: 498844

Ion Ratio Lower Upper

128 100

130 31.8 12.9 52.9

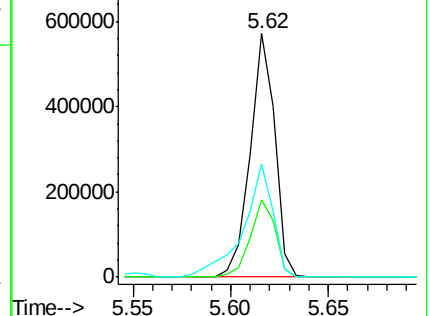
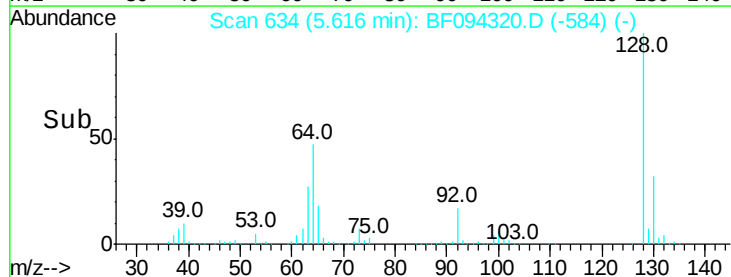
64 46.7 28.4 68.4

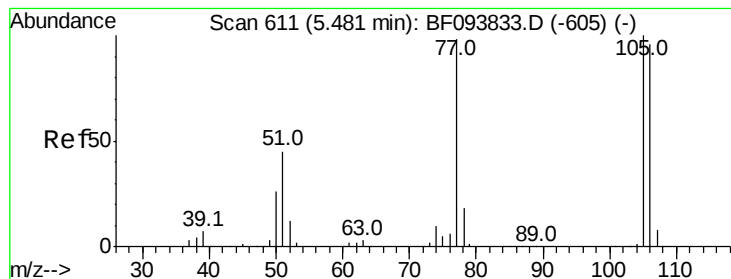


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.07 ng

RT: 5.33 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampled :

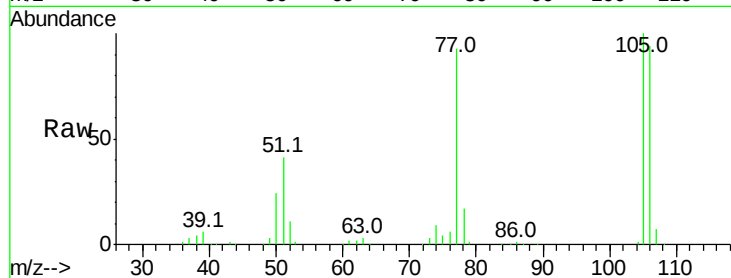
Tot Ion: 77 Resp: 187644

Ion Ratio Lower Upper

77 100

105 107.6 83.8 123.8

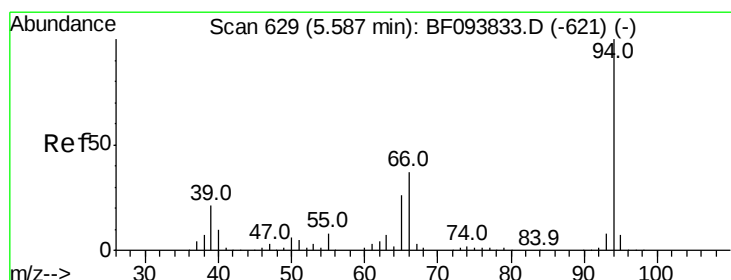
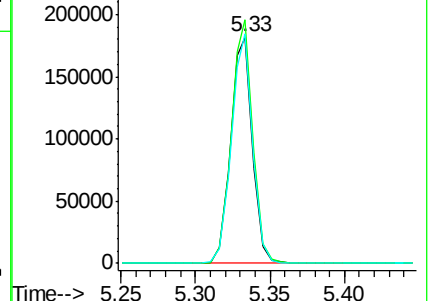
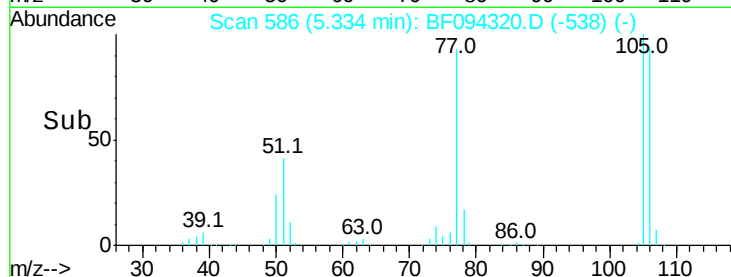
106 101.6 79.1 119.1



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: 50.77 ng

RT: 5.50 min Scan# 614

Delta R.T. 0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

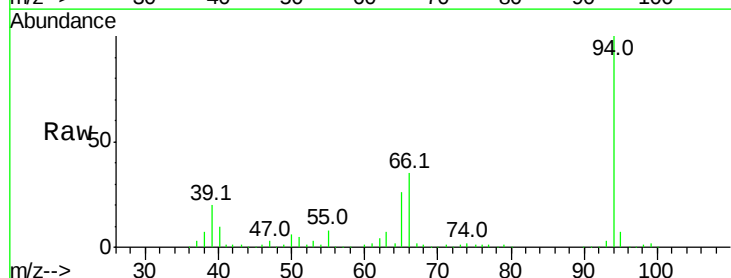
Tgt Ion: 94 Resp: 695939

Ion Ratio Lower Upper

94 100

65 26.2 9.9 49.9

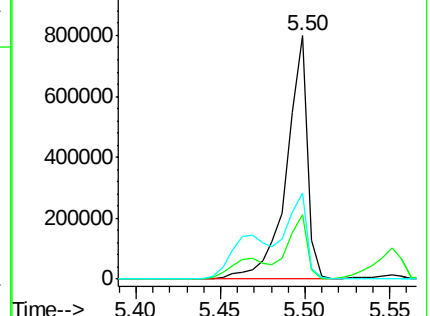
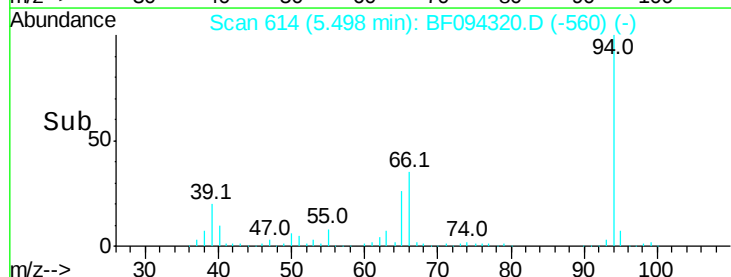
66 35.2 23.1 63.1



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

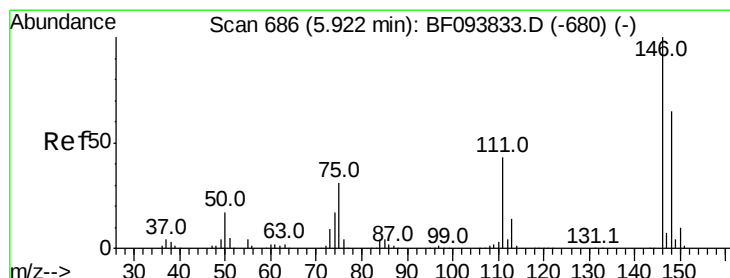
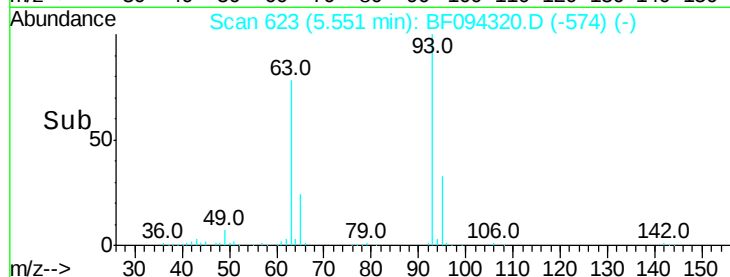
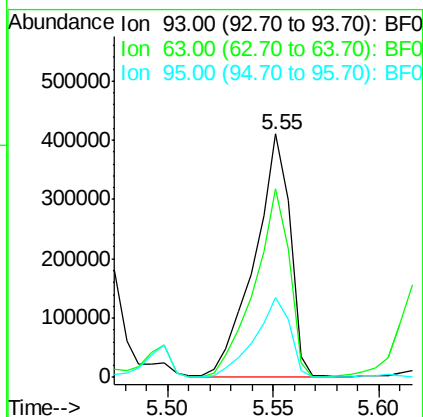
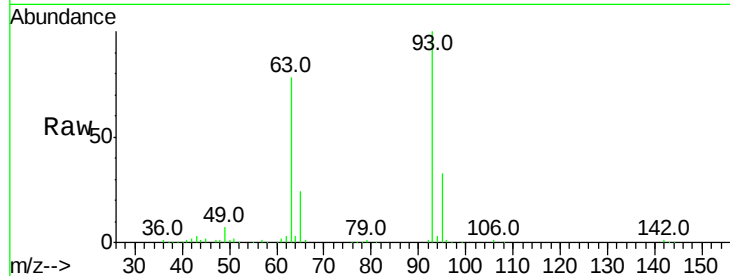




#11
bis(2-Chloroethyl)ether
Concen: 45.17 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

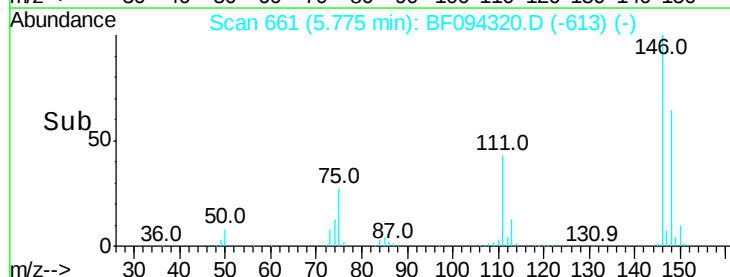
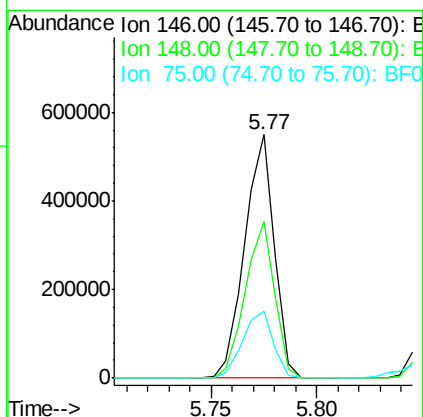
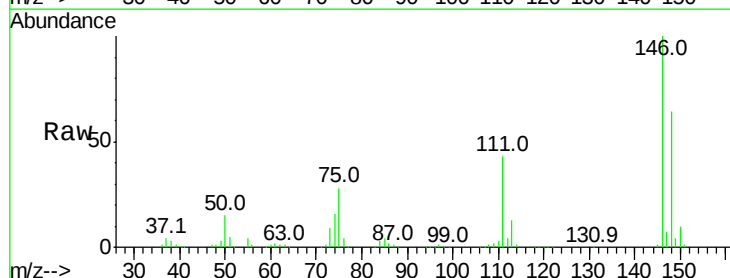
Instrument :
BNA_F
ClientSampleId :

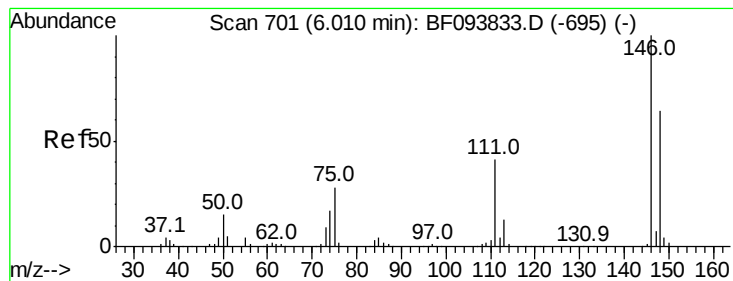
Tot Ion: 93 Resp: 483879
Ion Ratio Lower Upper
93 100
63 77.7 59.2 99.2
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.33 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Tgt Ion: 146 Resp: 532198
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
75 27.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 44.11 ng

RT: 5.86 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

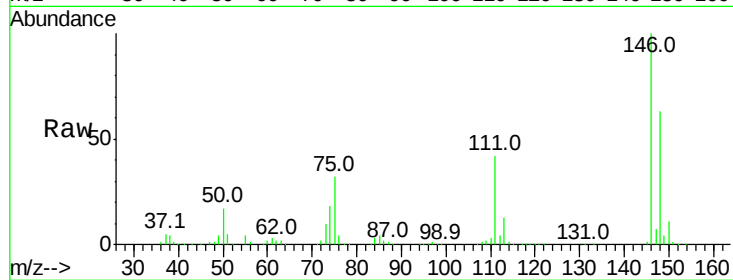
Tot Ion:146 Resp: 536351

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

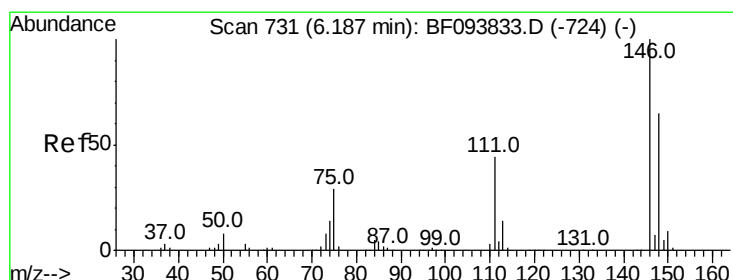
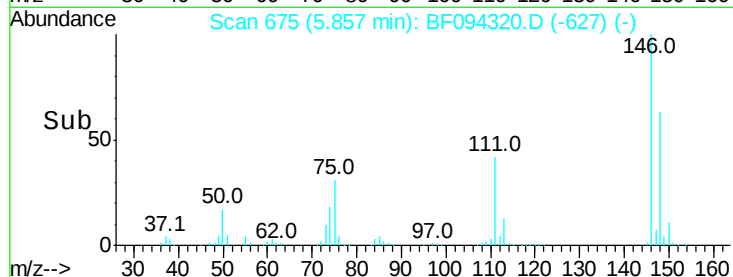
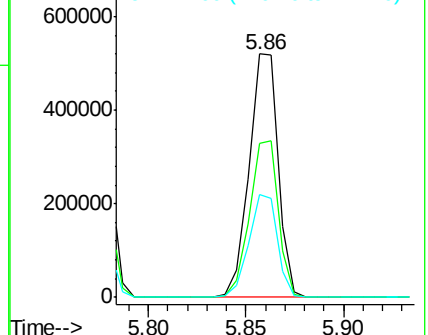
111 42.5 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.39 ng

RT: 6.03 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

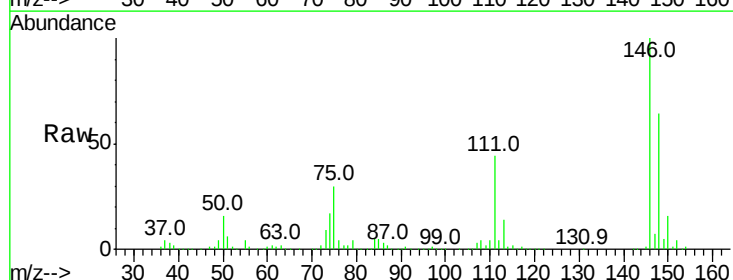
Tgt Ion:146 Resp: 485805

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

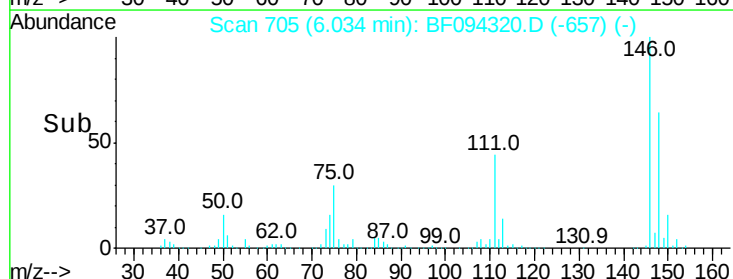
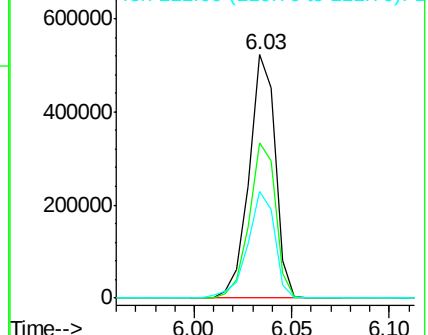
111 44.0 38.2 57.4

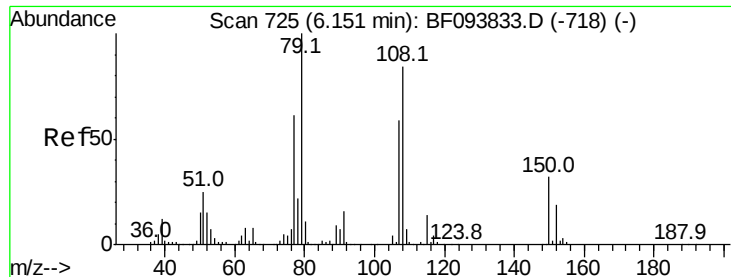


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.66 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampled :

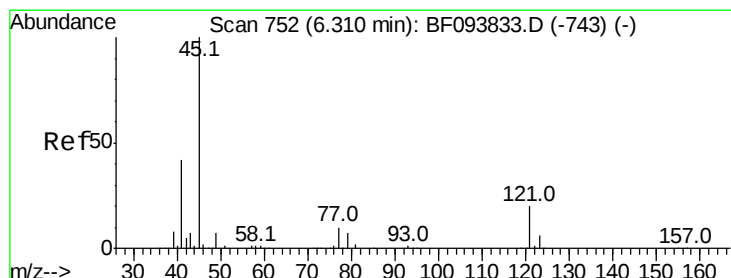
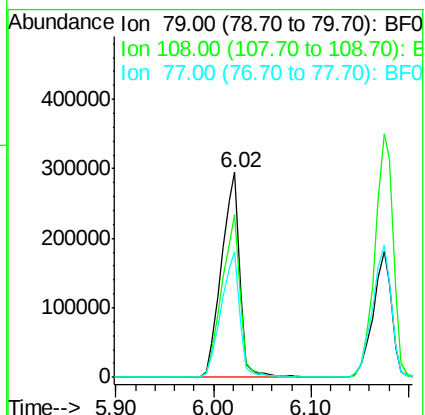
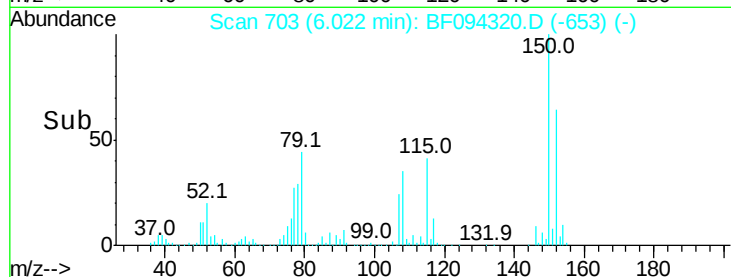
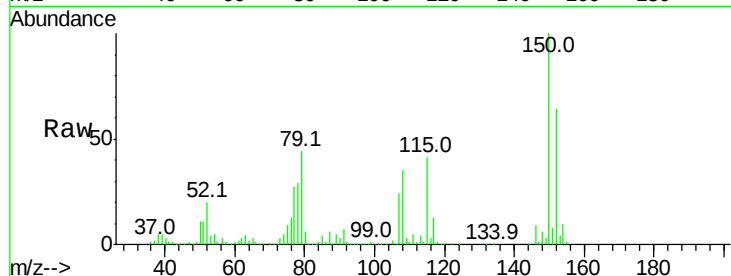
Tot Ion: 79 Resp: 384888

Ion Ratio Lower Upper

79 100

108 79.6 63.4 95.0

77 61.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.19 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

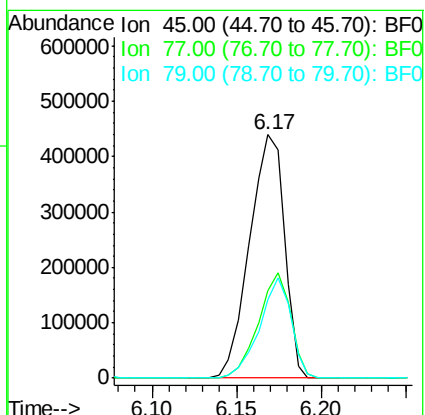
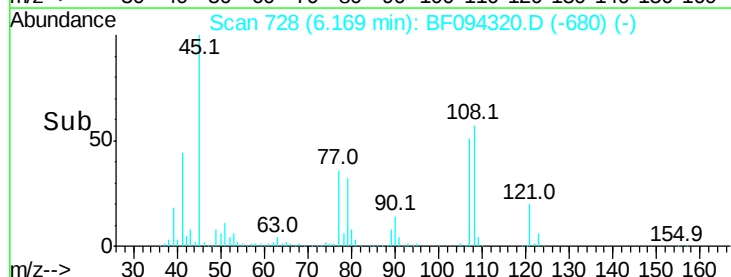
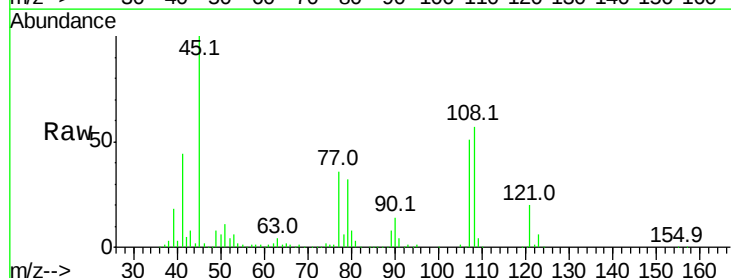
Tgt Ion: 45 Resp: 630332

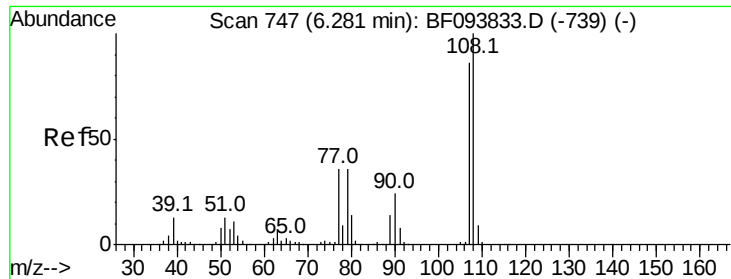
Ion Ratio Lower Upper

45 100

77 35.8 0.0 33.2#

79 32.4 0.0 30.0#

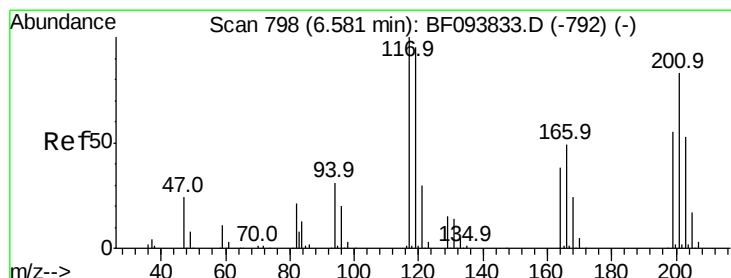
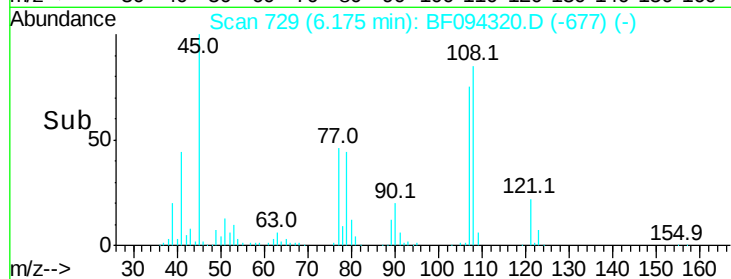
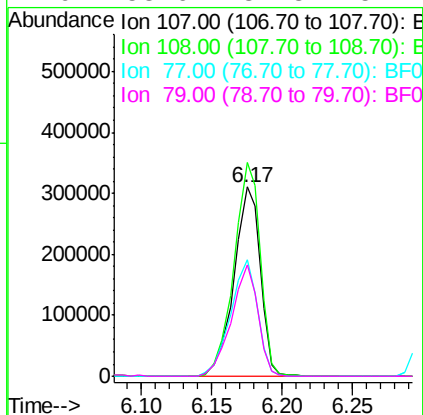
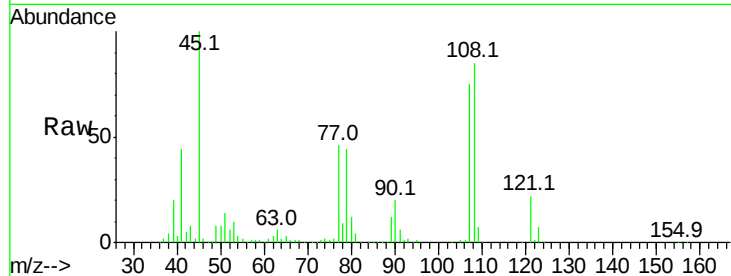




#17
2-Methylphenol
Concen: 44.04 ng
RT: 6.17 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

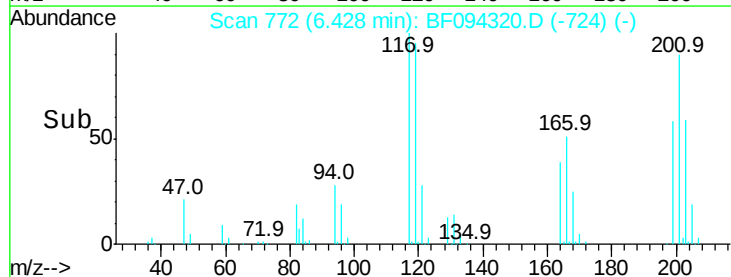
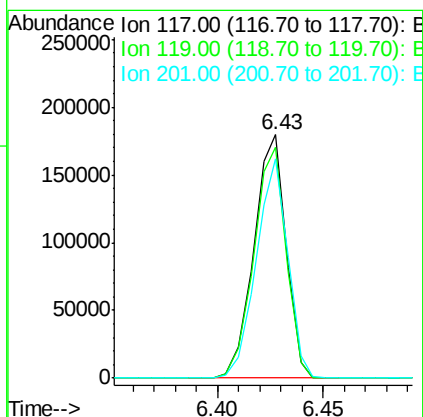
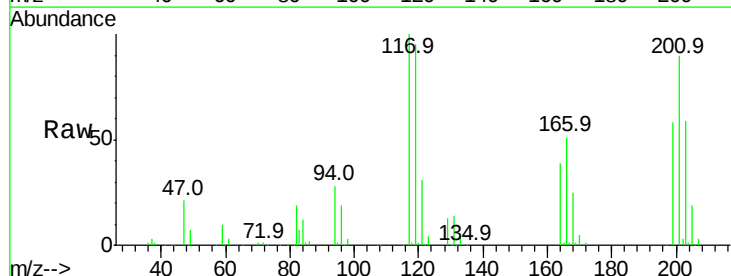
Instrument :
BNA_F
ClientSampleId :

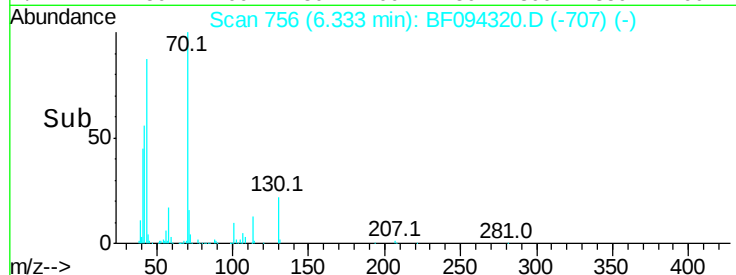
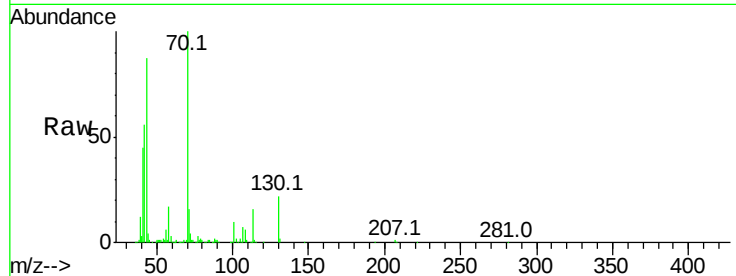
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	93.4	140.0
77	61.5	35.8	53.6#
79	58.6	34.8	52.2#



#18
Hexachloroethane
Concen: 44.48 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
201	89.9	94.6	141.8#

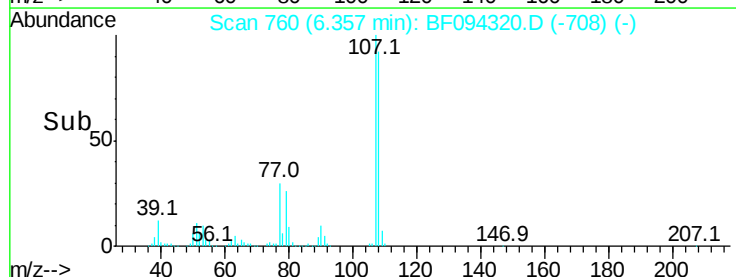
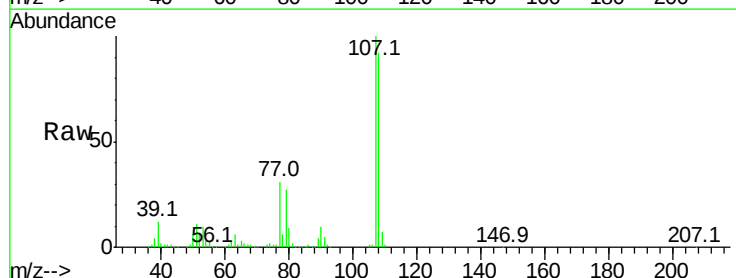
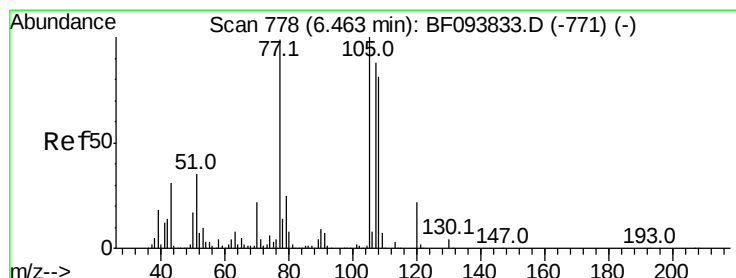
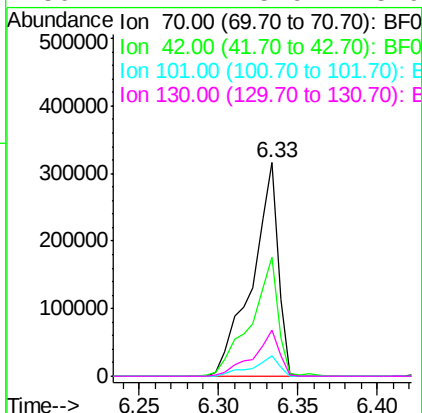




#19
n-Nitroso-di-n-propylamine
Concen: 47.08 ng
RT: 6.33 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

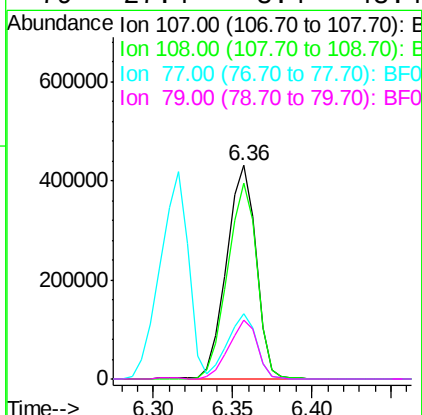
Instrument :
BNA_F
ClientSampleId :

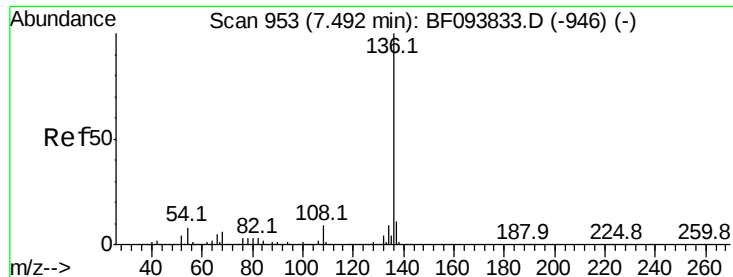
Tot Ion:	70	Resp:	364478
Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.2	70.8
101	9.7	7.2	10.8
130	21.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 50.22 ng
RT: 6.36 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Tgt Ion:	107	Resp:	557507
Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.0	111.0
77	30.5	90.5	130.5#
79	27.4	8.4	48.4

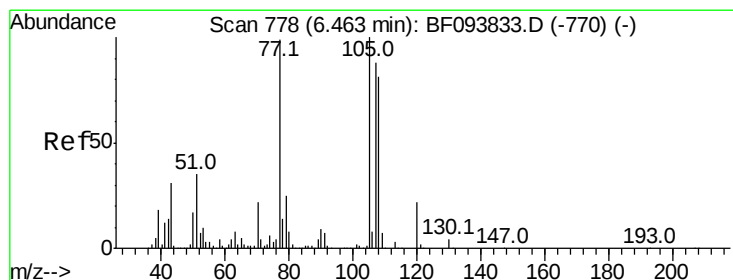
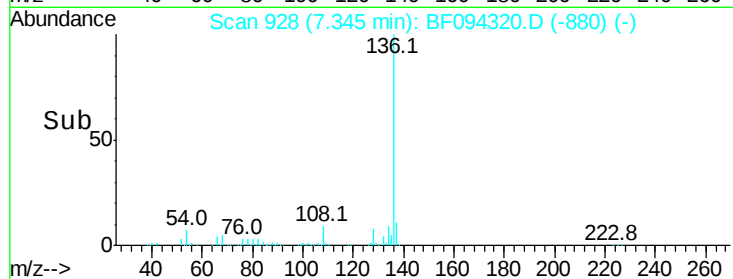
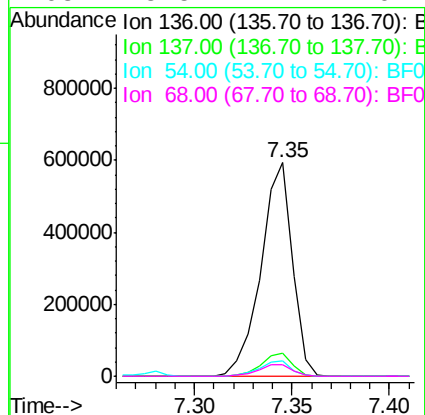
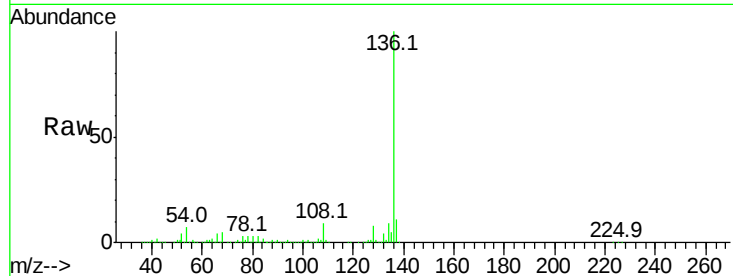




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

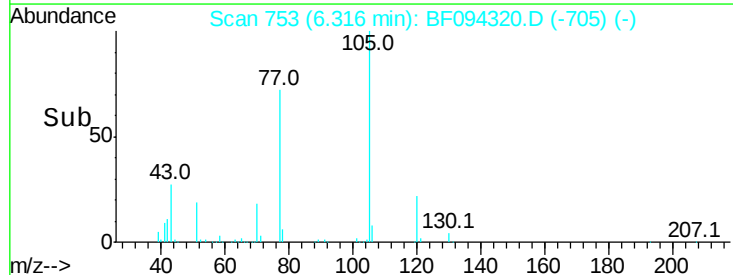
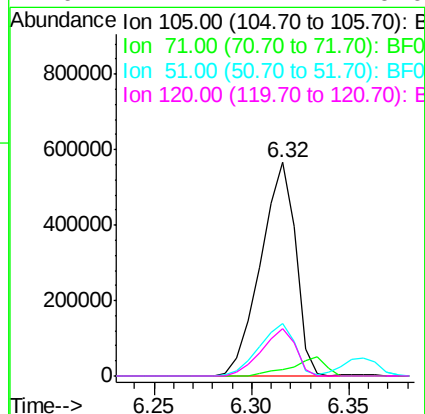
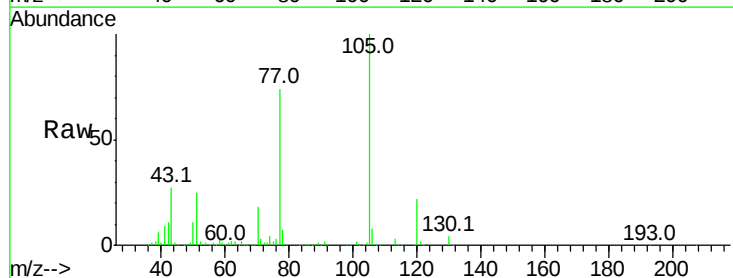
Instrument :
BNA_F
ClientSampleId :

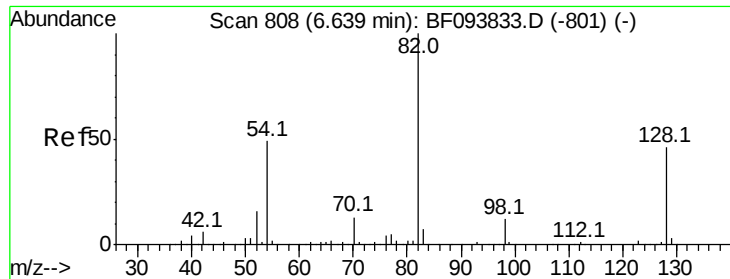
Tot Ion:136	Resp: 663622
Ion Ratio	Lower Upper
136 100	
137 10.7	8.5 12.7
54 7.0	4.9 7.3
68 5.5	4.1 6.1



#22
Acetophenone
Concen: 47.53 ng
RT: 6.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Tgt	Ion:105	Resp:	703035
Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.8	4.2
51	24.8	30.7	46.1#
120	22.2	17.4	26.0

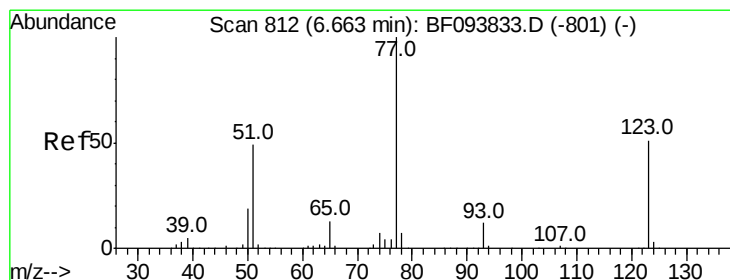
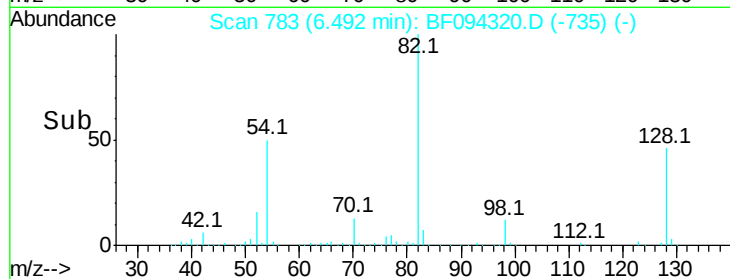
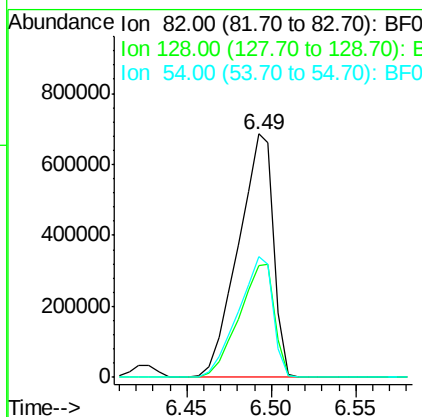
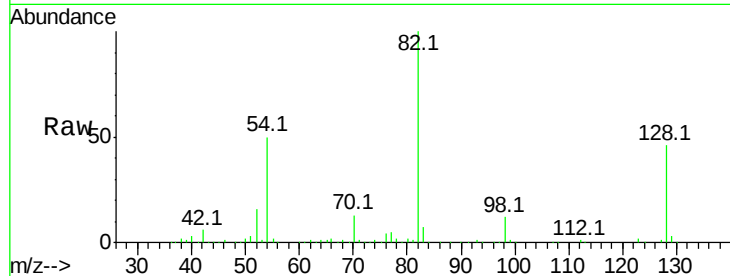




#23
Nitrobenzene-d5
Concen: 85.60 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

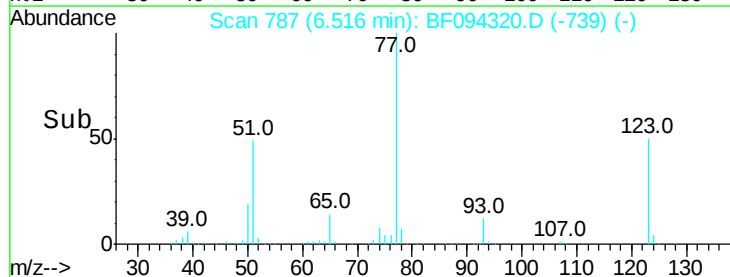
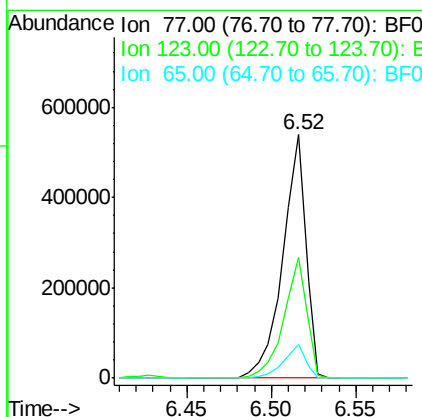
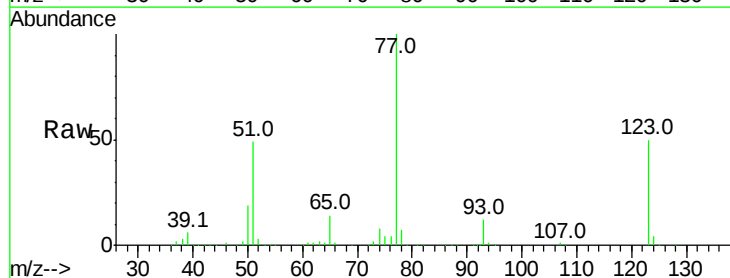
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 995391
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 49.6 42.2 63.2



#24
Nitrobenzene
Concen: 44.39 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Tgt Ion: 77 Resp: 509043
Ion Ratio Lower Upper
77 100
123 49.5 35.8 53.8
65 13.7 10.6 15.8





#25

Isophorone

Concen: 44.11 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

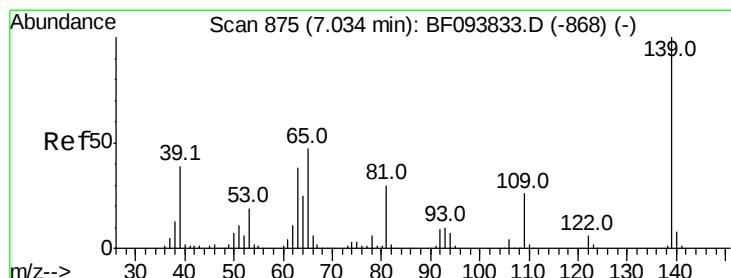
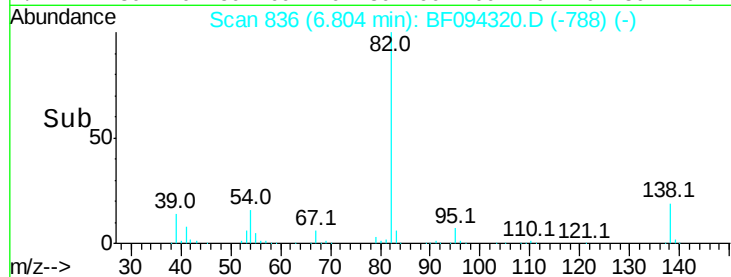
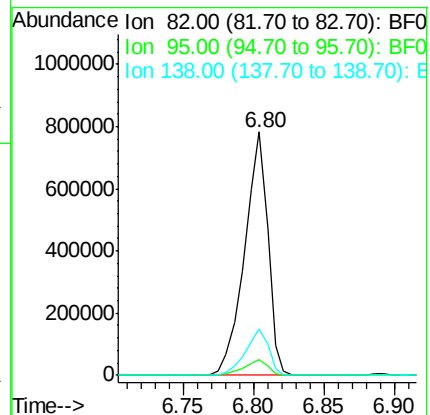
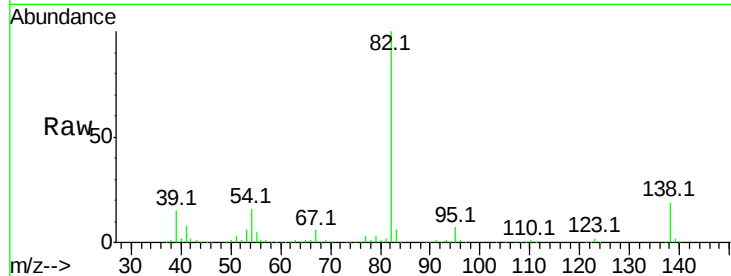
Tot Ion: 82 Resp: 901306

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 51.58 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

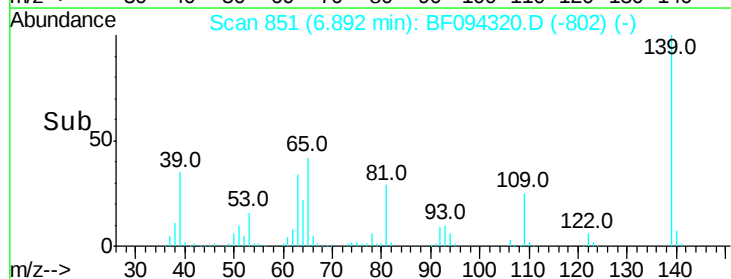
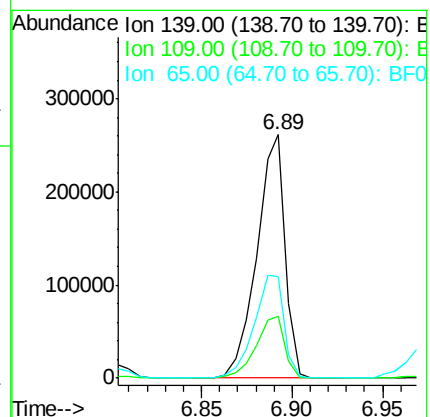
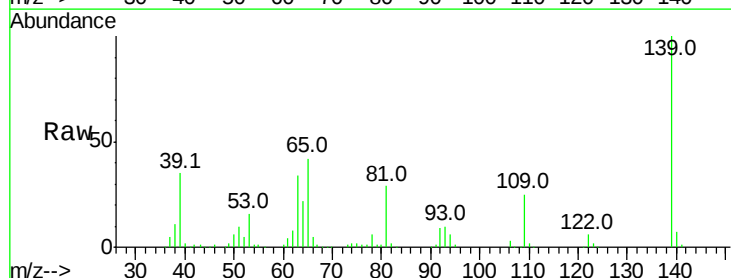
Tgt Ion:139 Resp: 282096

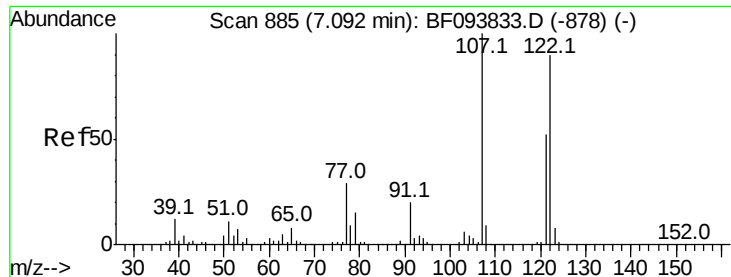
Ion Ratio Lower Upper

139 100

109 25.2 21.0 31.6

65 41.8 33.0 49.6

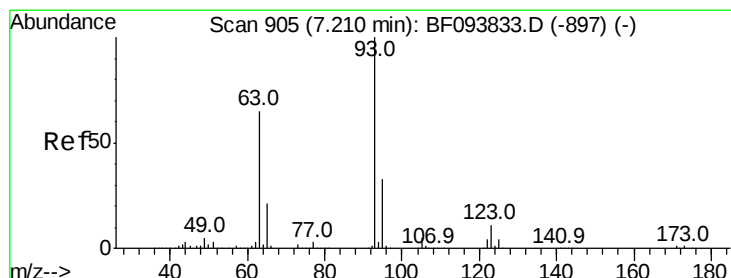
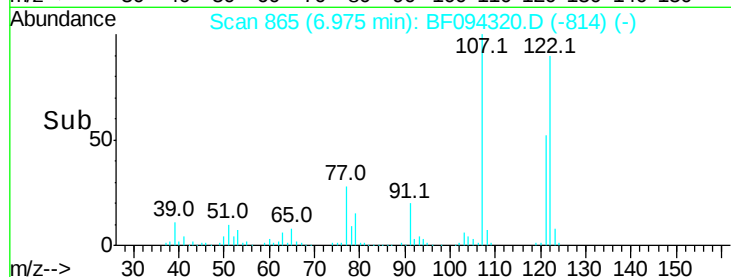
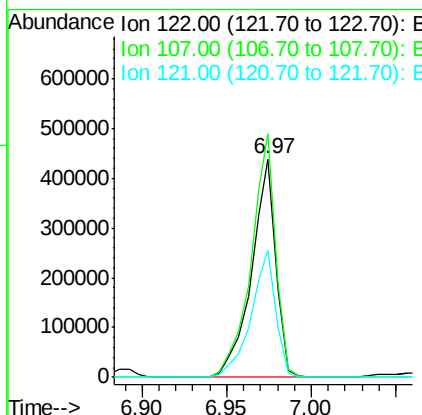
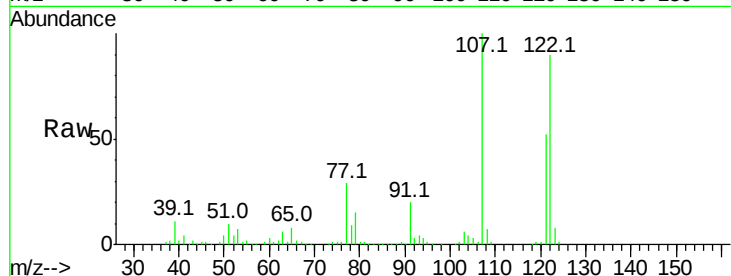




#27
 2,4-Dimethylphenol
 Concen: 47.19 ng
 RT: 6.97 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

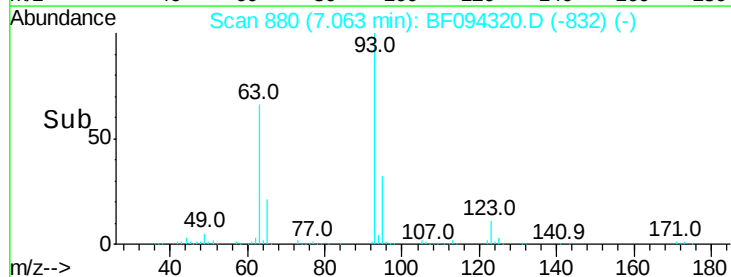
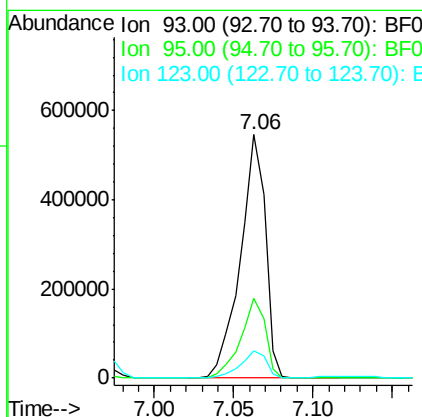
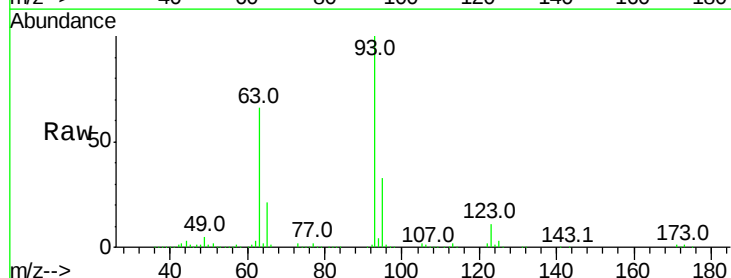
Instrument :
 BNA_F
 ClientSampleId :

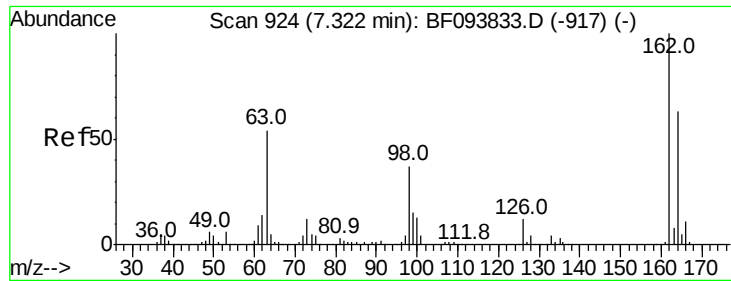
Tot Ion:122 Resp: 444690
 Ion Ratio Lower Upper
 122 100
 107 111.5 89.2 133.8
 121 58.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.21 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion: 93 Resp: 595697
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 11.0 9.0 13.4

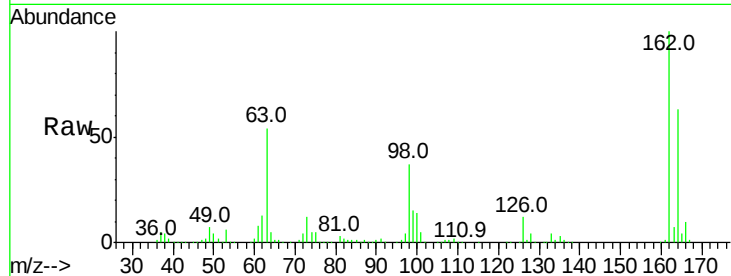




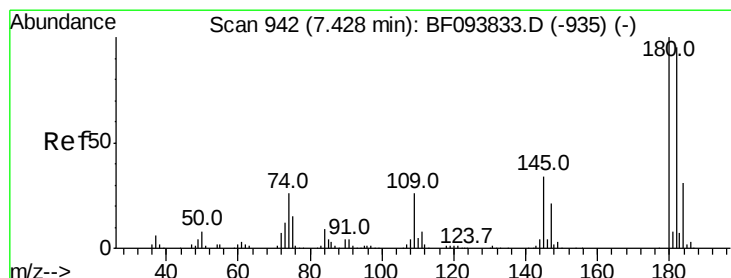
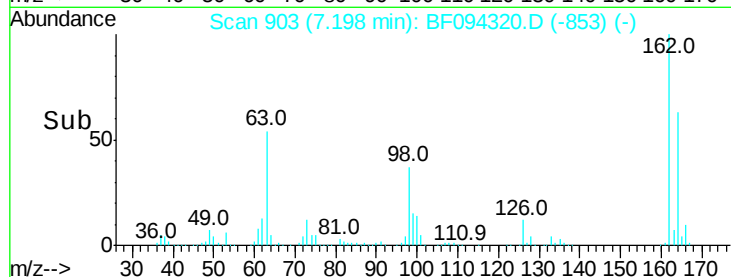
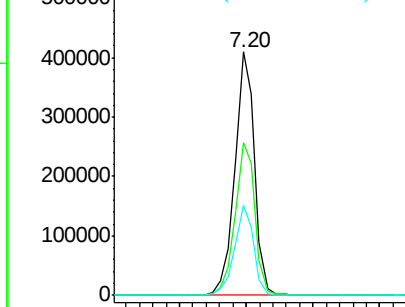
#29
 2,4-Dichlorophenol
 Concen: 48.03 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	37.1	14.8	54.8

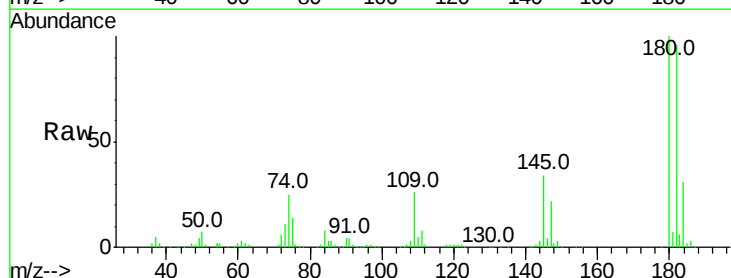


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

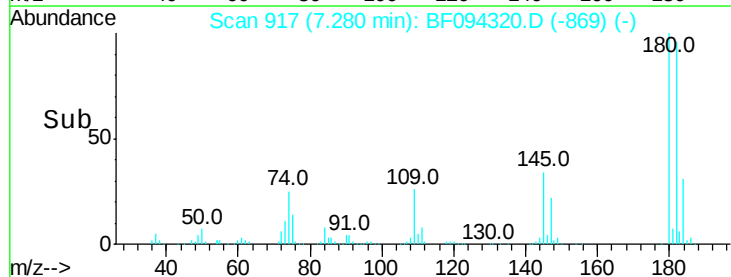
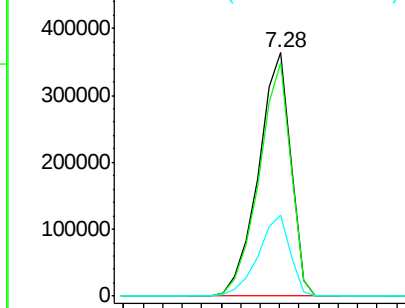


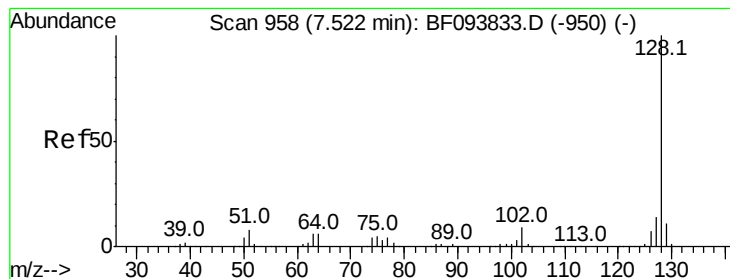
#30
 1,2,4-Trichlorobenzene
 Concen: 45.78 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	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: 43.82 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

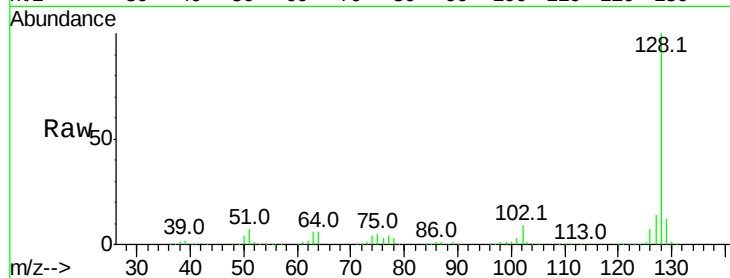
Tot Ion:128 Resp: 1398334

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

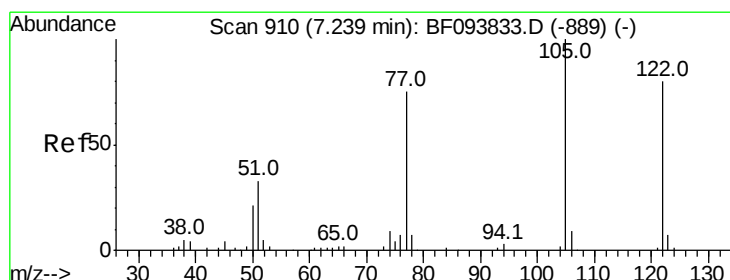
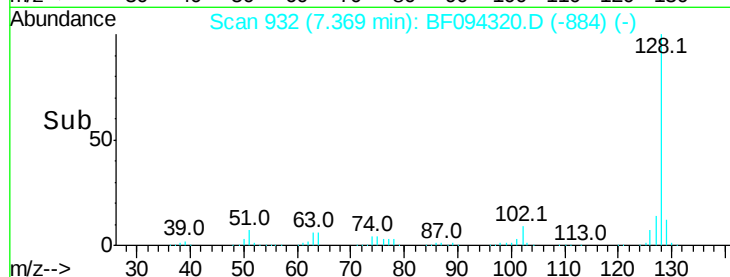
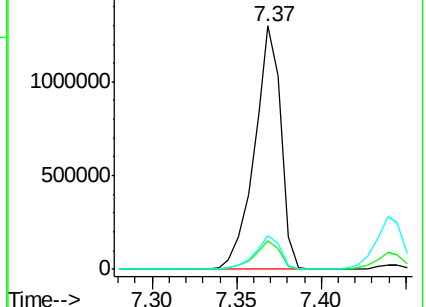
127 13.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.16 ng

RT: 7.14 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

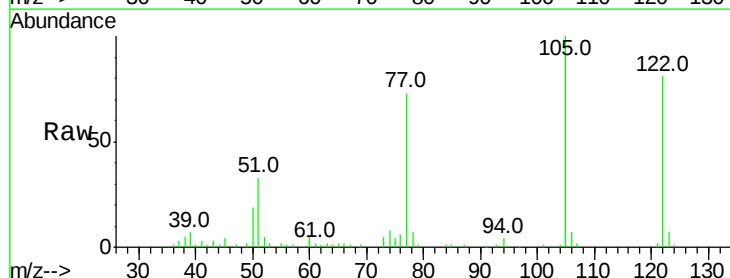
Tgt Ion:122 Resp: 170416

Ion Ratio Lower Upper

122 100

105 124.2 103.3 143.3

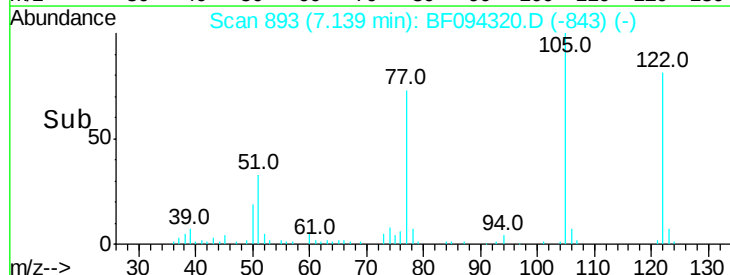
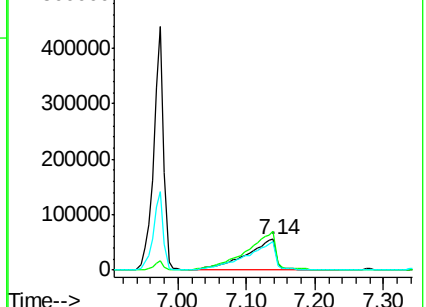
77 91.0 73.7 113.7



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

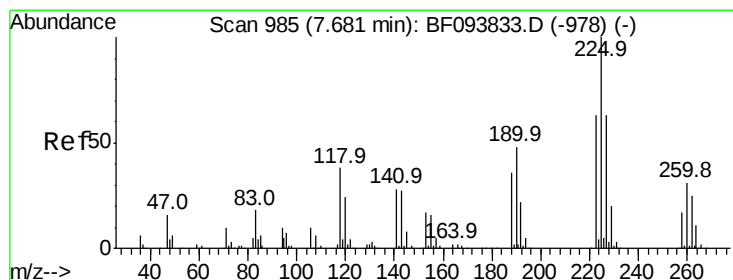
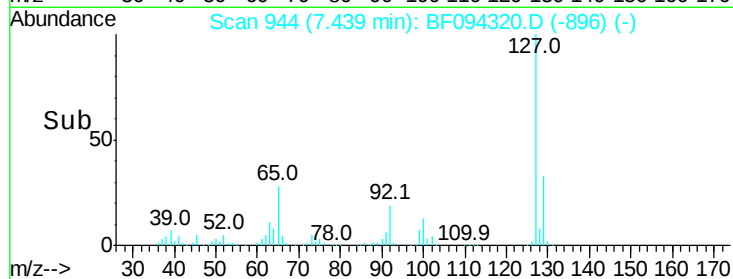
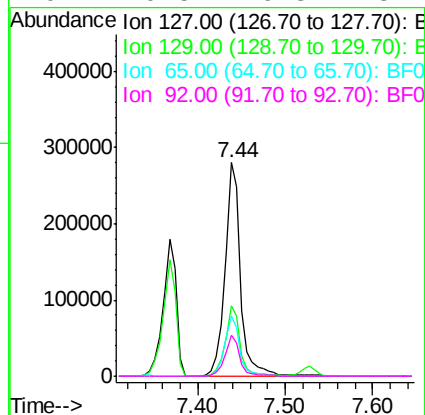
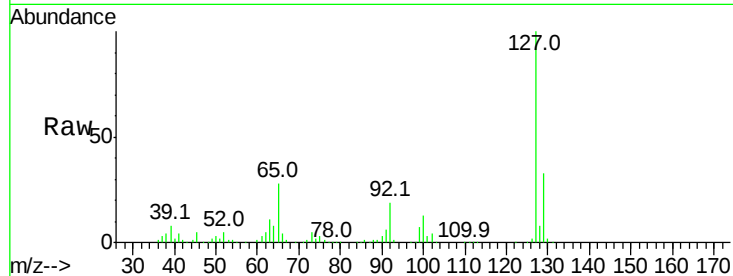




#33
4-Chloroaniline
Concen: 26.68 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

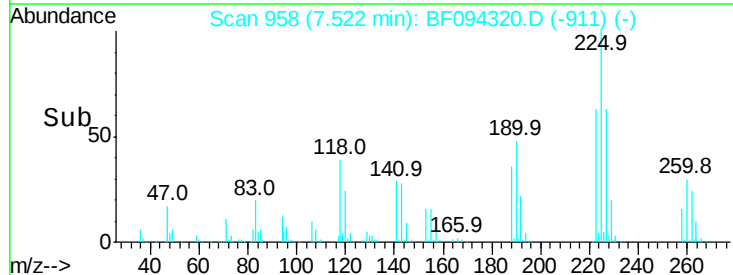
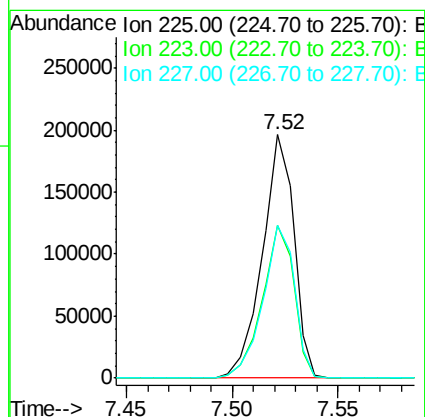
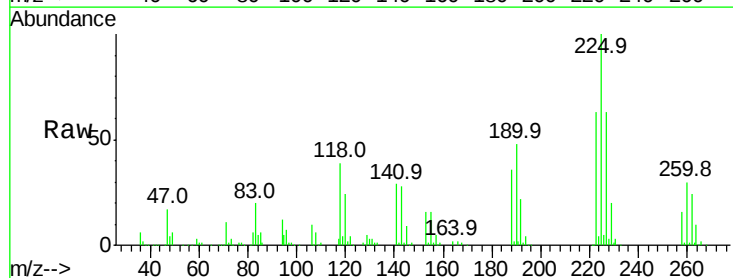
Instrument :
BNA_F
ClientSampleId :

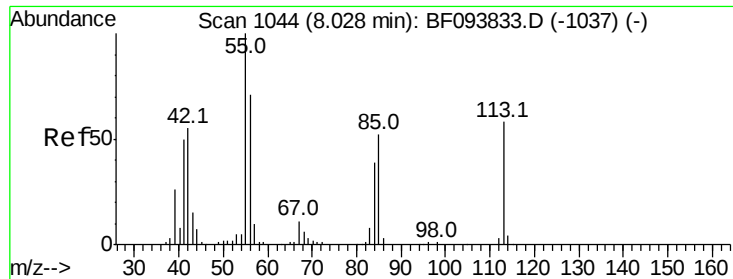
Tot Ion:	127	Resp:	344990
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	28.4	27.8	41.8
92	19.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.99 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Tgt Ion:	225	Resp:	204752
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	63.0	51.1	76.7

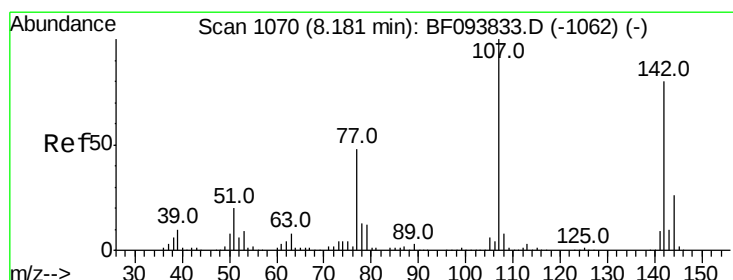
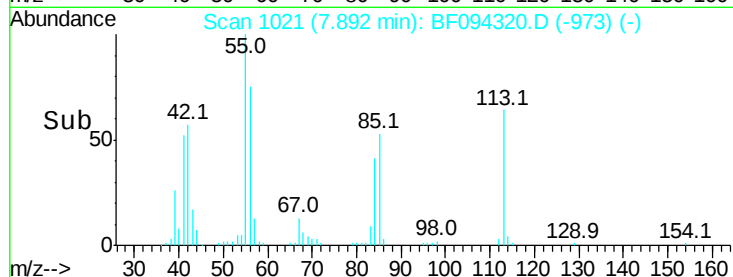
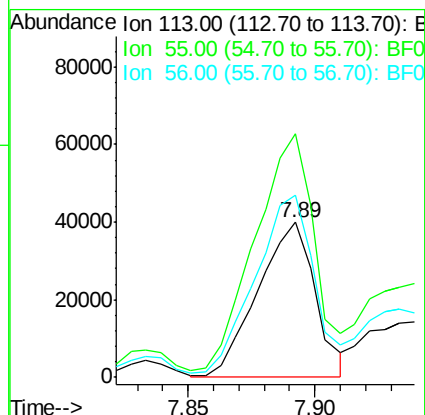
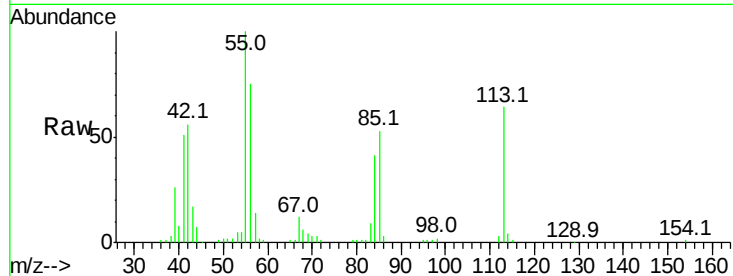




#35
 Caprolactam
 Concen: 22.40 ng
 RT: 7.89 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

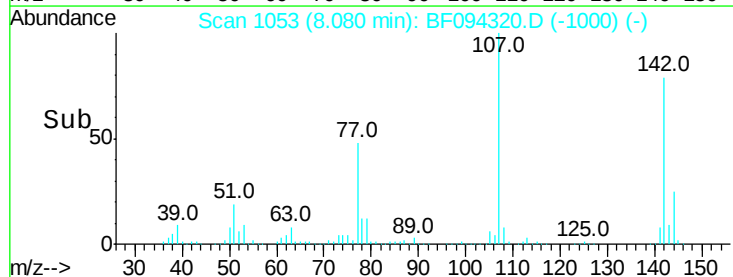
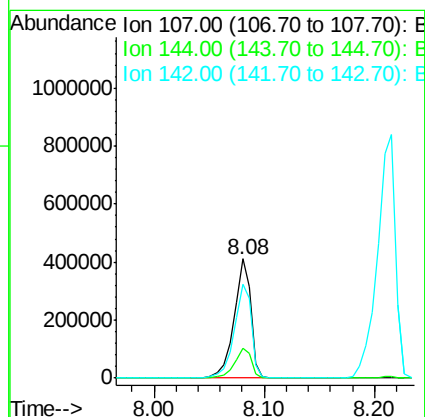
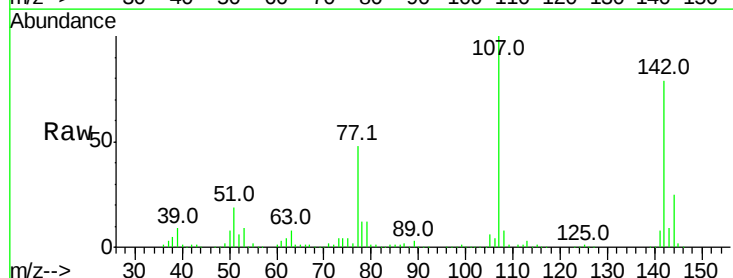
Instrument :
 BNA_F
 ClientSampleId :

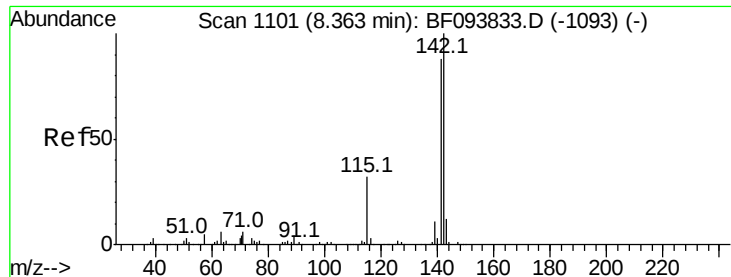
Tot Ion:113 Resp: 62954
 Ion Ratio Lower Upper
 113 100
 55 157.1 150.2 190.2
 56 117.5 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.63 ng
 RT: 8.08 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion:107 Resp: 438578
 Ion Ratio Lower Upper
 107 100
 144 25.4 24.2 36.4
 142 79.0 73.4 110.0





#37

2-Methylnaphthalene

Concen: 45.41 ng

RT: 8.22 min Scan# 1076

Delta R.T. -0.01 min

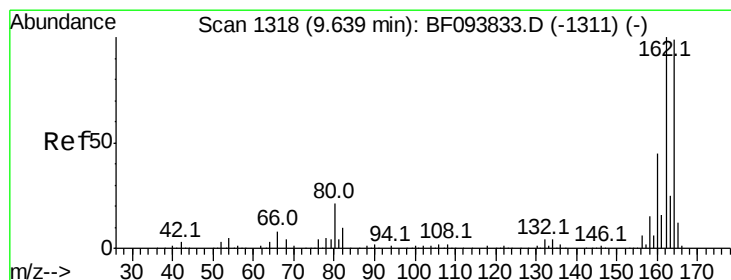
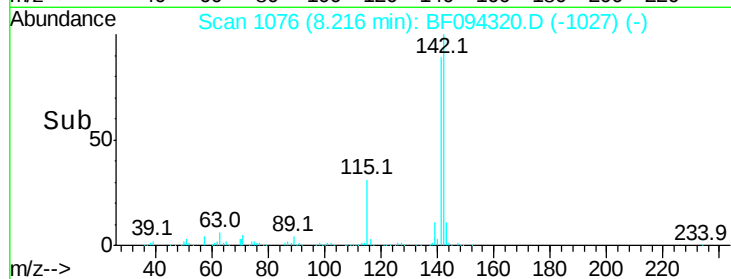
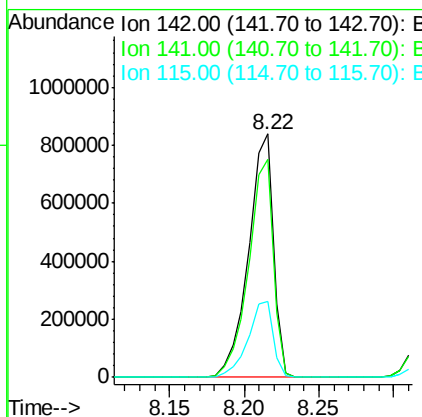
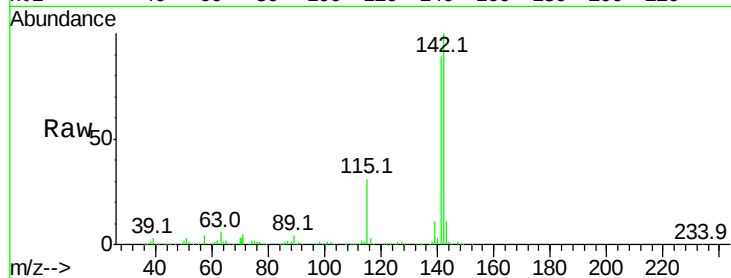
Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 965990

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	31.1	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.49 min Scan# 1292

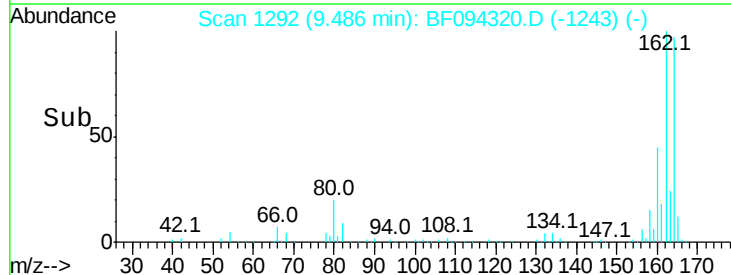
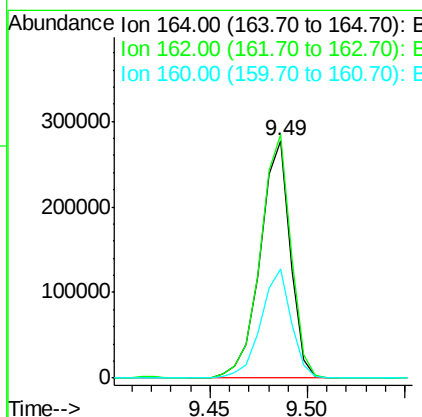
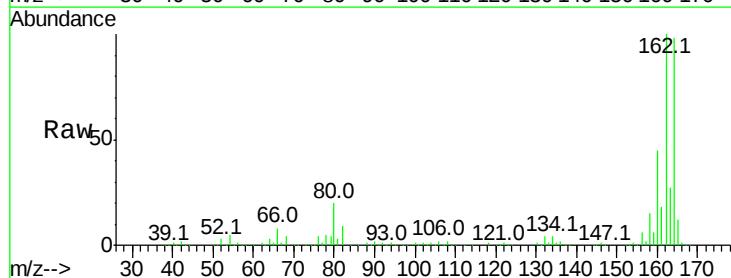
Delta R.T. -0.01 min

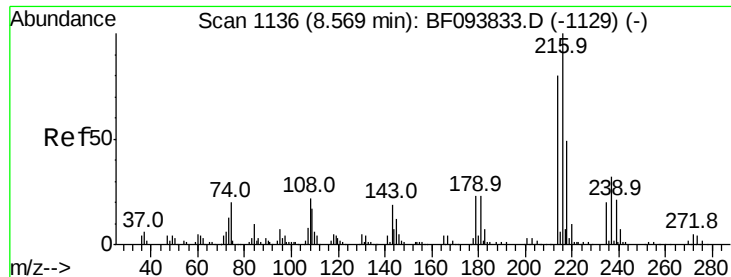
Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Tgt Ion:164 Resp: 297343

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	45.7	36.2	54.2

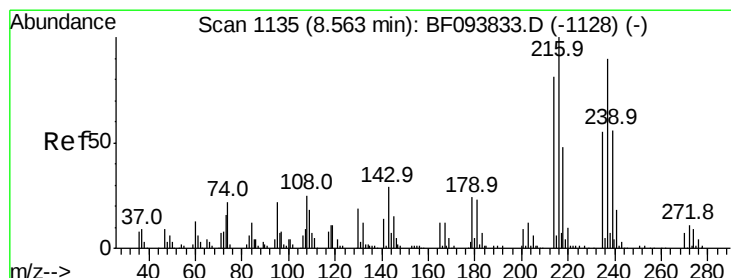
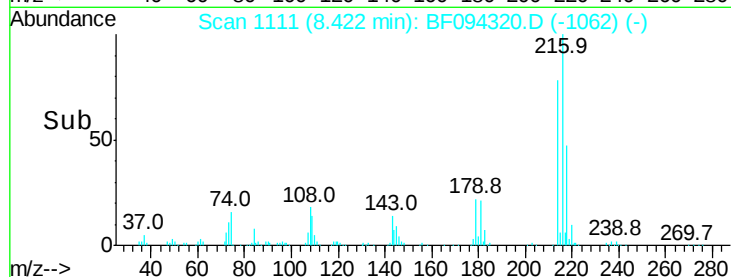
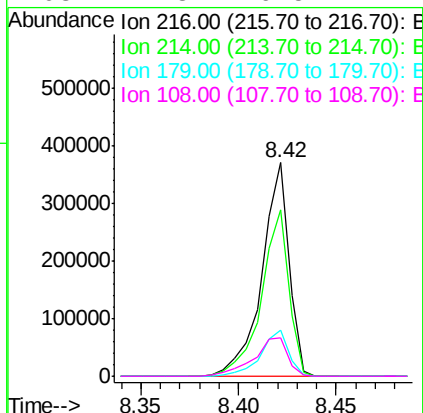
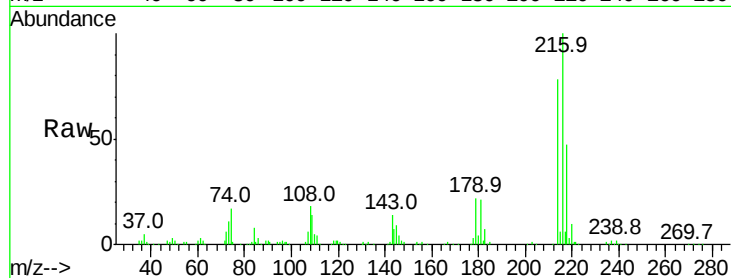




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.03 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

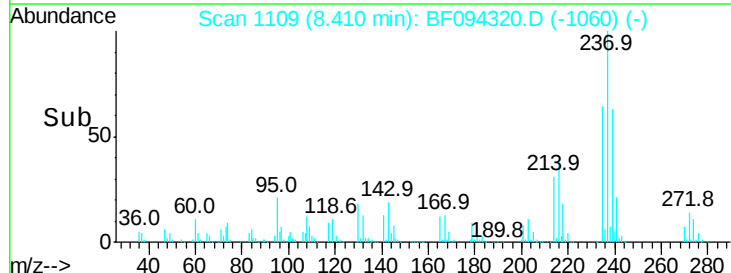
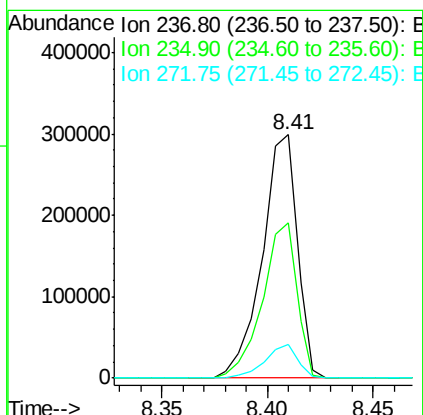
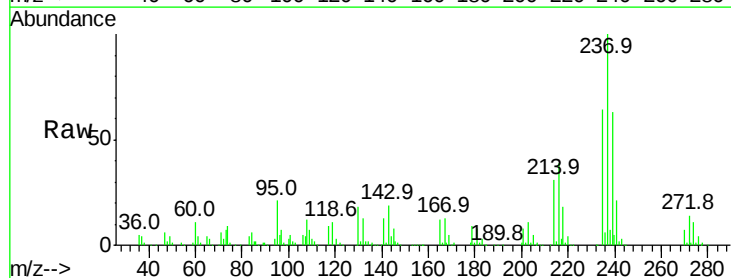
Instrument :
 BNA_F
 ClientSampleId :

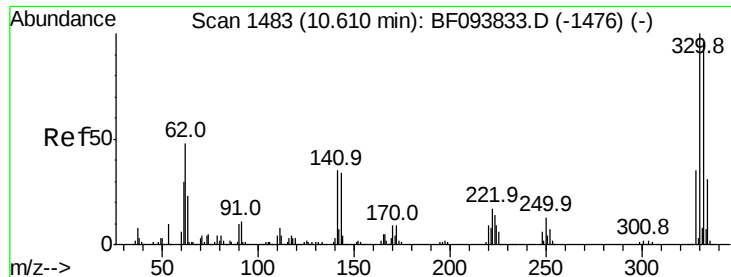
Tot Ion:	216	Resp:	358118
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	22.1	17.9	26.9
108	22.8	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 90.99 ng
 RT: 8.41 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion:	237	Resp:	346349
Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.6	82.6
272	13.7	0.0	31.9

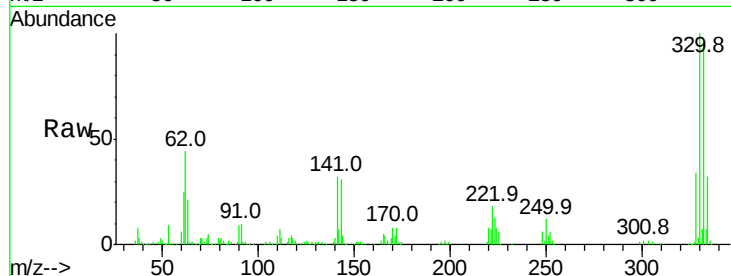




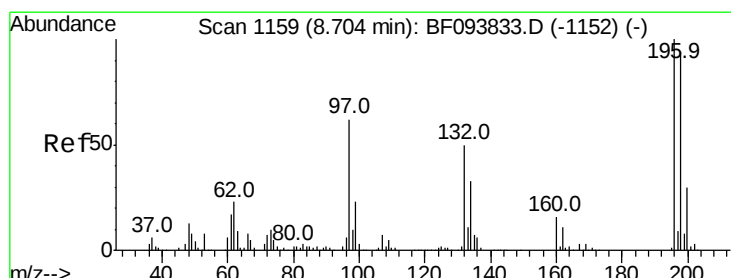
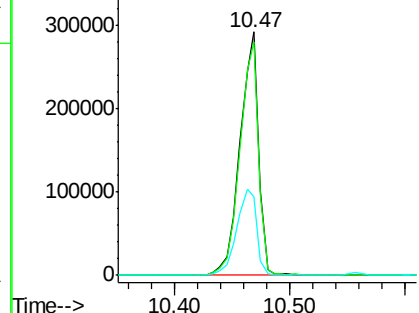
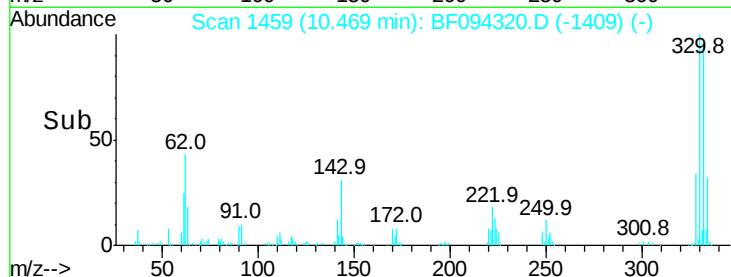
#41
 2,4,6-Tribromophenol
 Concen: 138.46 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	38.6	31.4	47.2

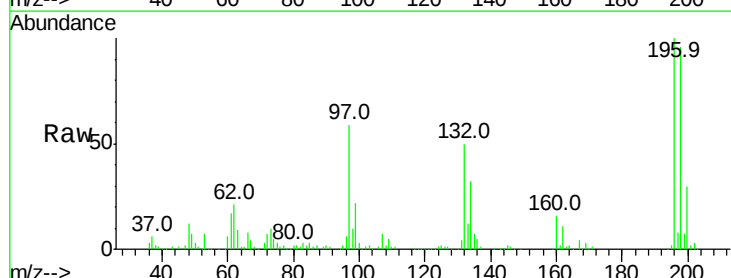


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

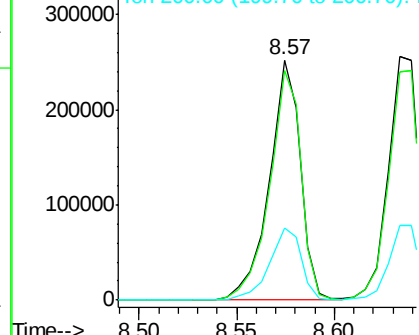
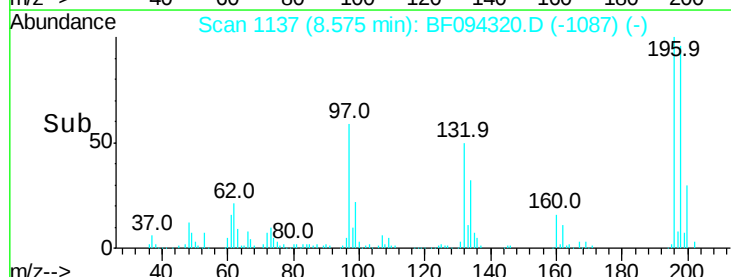


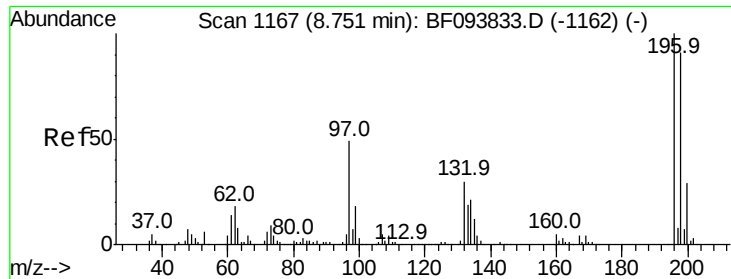
#42
 2,4,6-Trichlorophenol
 Concen: 48.25 ng
 RT: 8.57 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.2	111.4
200	30.2	24.0	36.0



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

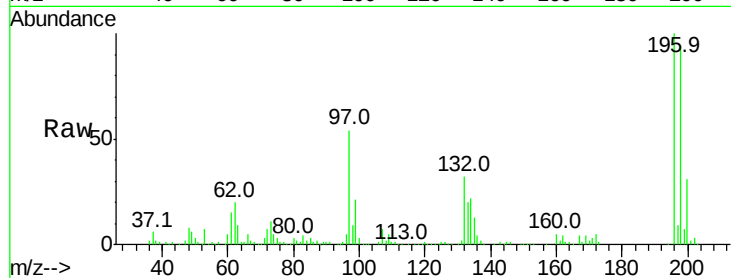




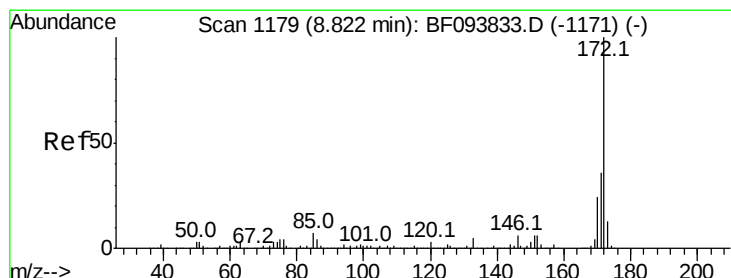
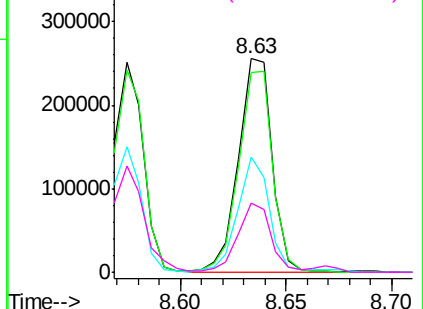
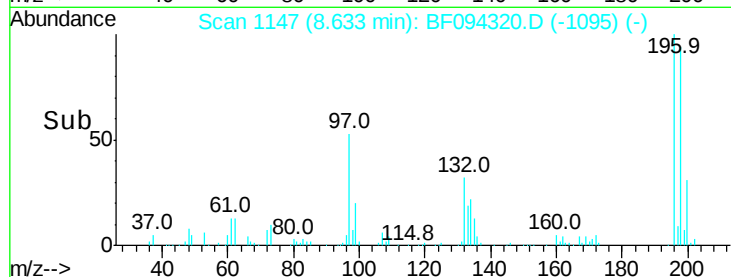
#43
 2,4,5-Trichlorophenol
 Concen: 45.28 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	281953
Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.7	113.5
97	53.9	47.7	71.5
132	32.2	28.0	42.0

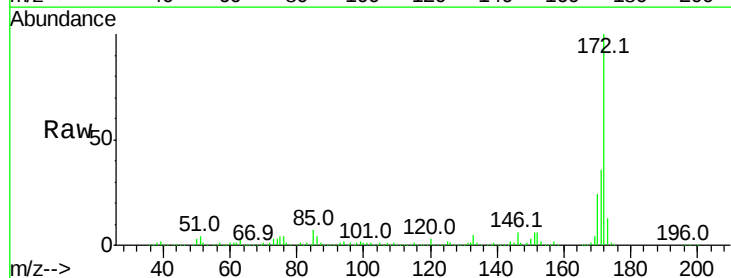


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

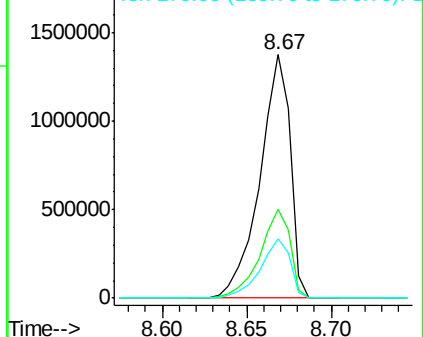
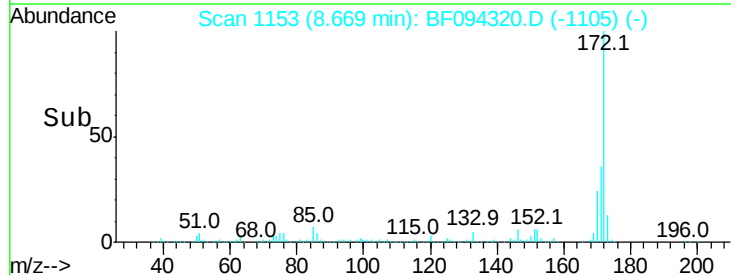


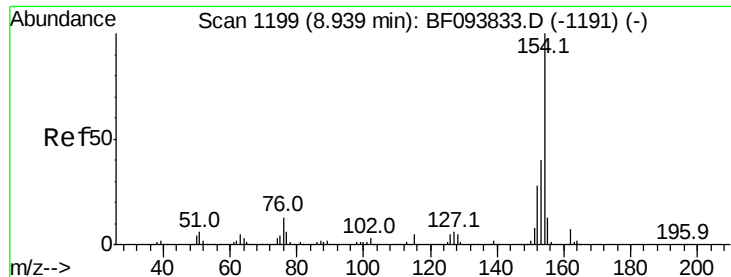
#44
 2-Fluorobiphenyl
 Concen: 87.12 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion:	172	Resp:	1698298
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.34 ng

RT: 8.79 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampled :

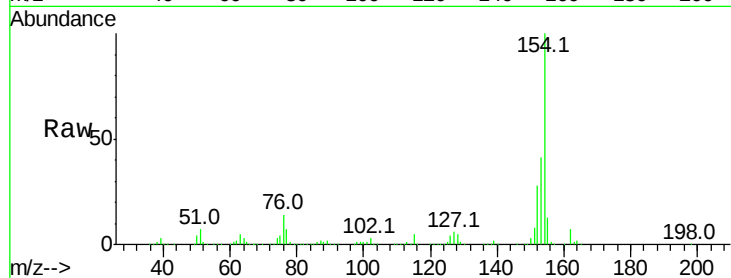
Tot Ion:154 Resp: 1063418

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

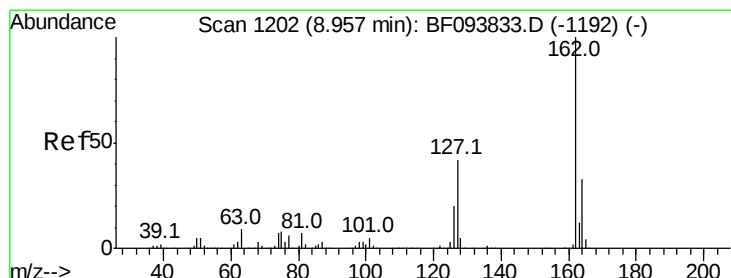
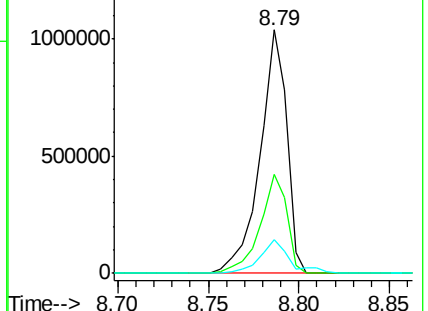
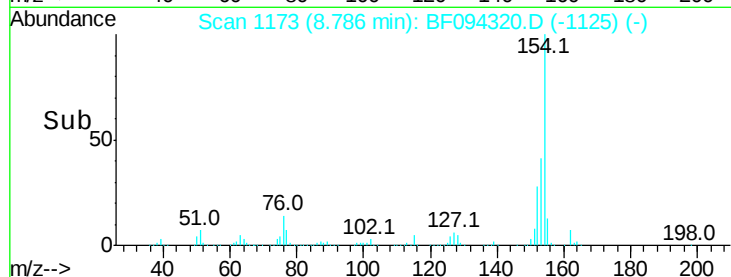
76 13.8 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.15 ng

RT: 8.81 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

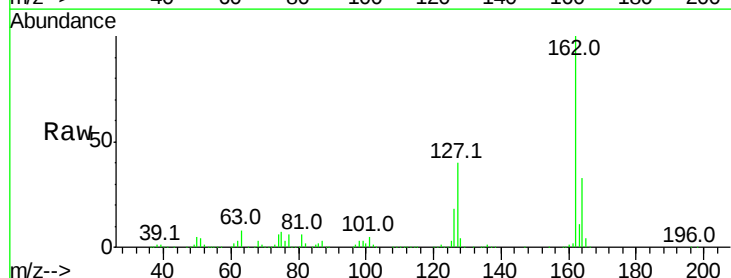
Tgt Ion:162 Resp: 847728

Ion Ratio Lower Upper

162 100

127 39.9 28.3 42.5

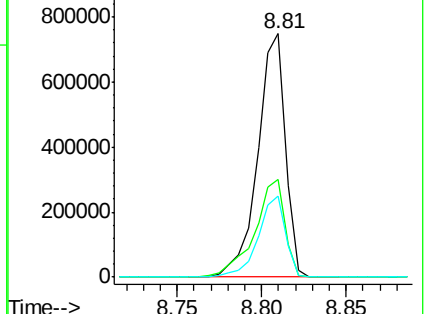
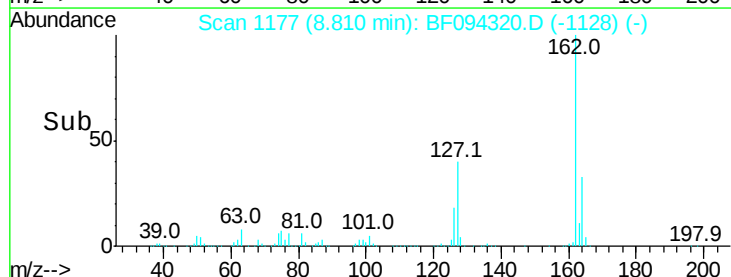
164 33.0 27.0 40.4

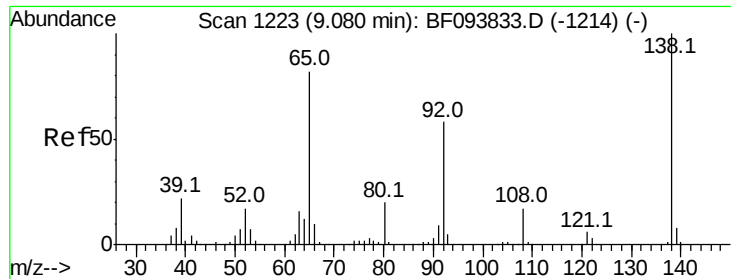


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

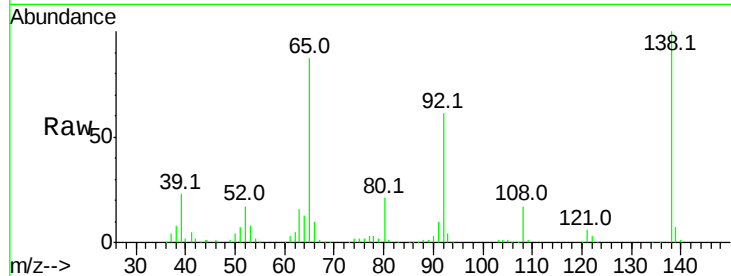




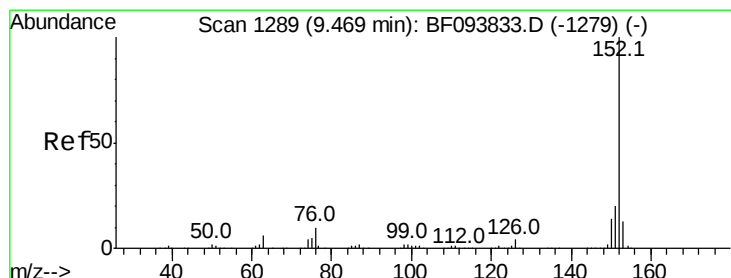
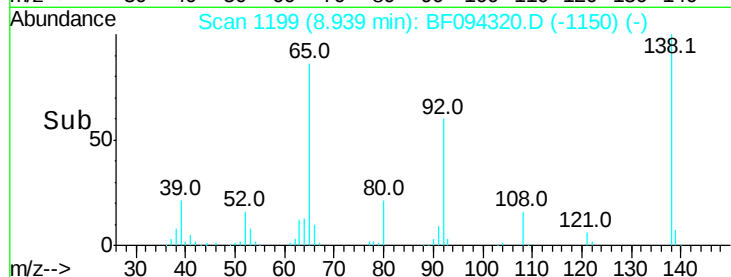
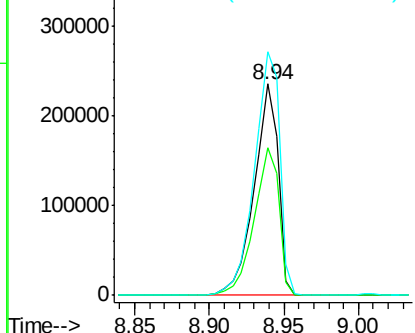
#47
 2-Nitroaniline
 Concen: 46.79 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 260571
 Ion Ratio Lower Upper
 65 100
 92 70.0 53.9 80.9
 138 115.3 78.8 118.2

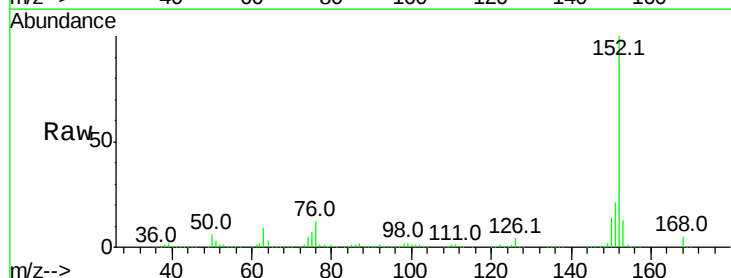


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

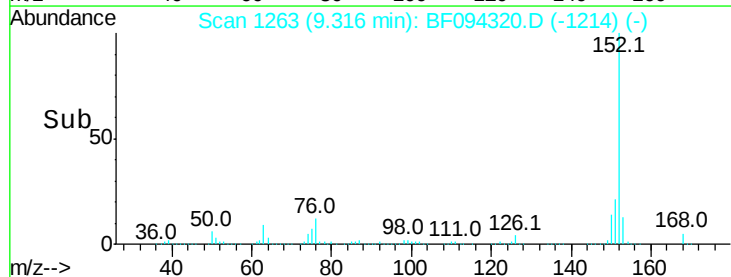
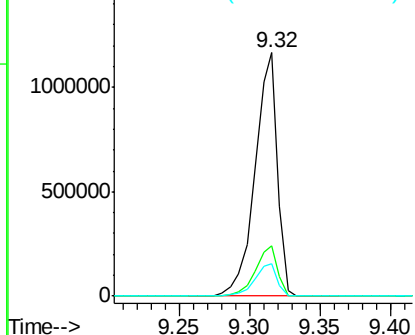


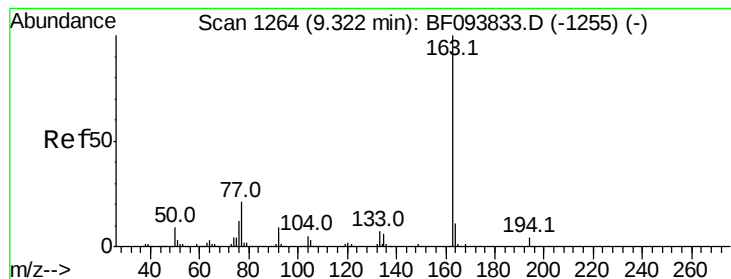
#48
 Acenaphthylene
 Concen: 41.63 ng
 RT: 9.32 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion:152 Resp: 1299074
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 67.46 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampled :

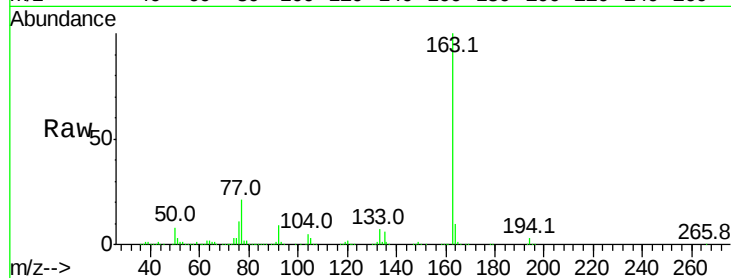
Tot Ion:163 Resp: 1425820

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

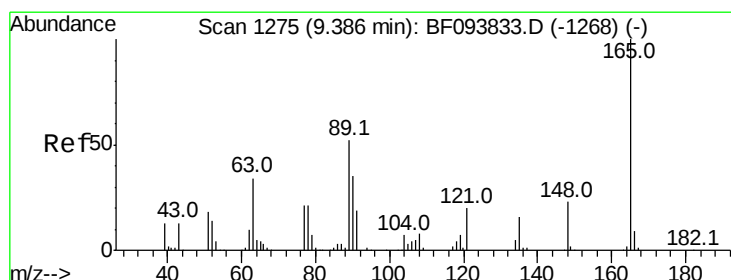
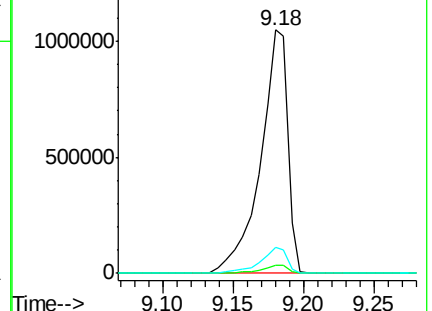
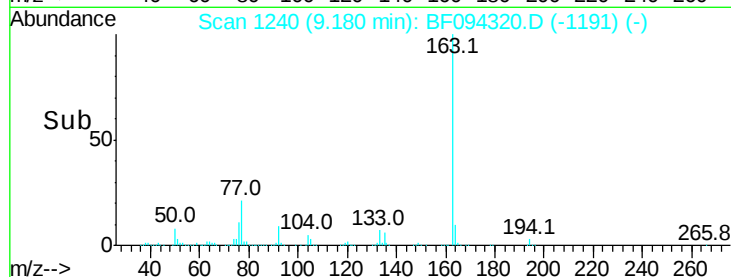
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.10 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

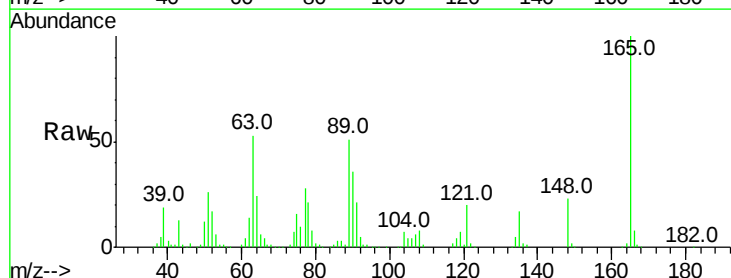
Tgt Ion:165 Resp: 228217

Ion Ratio Lower Upper

165 100

63 52.7 34.3 51.5#

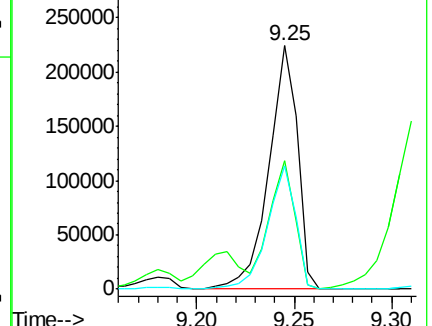
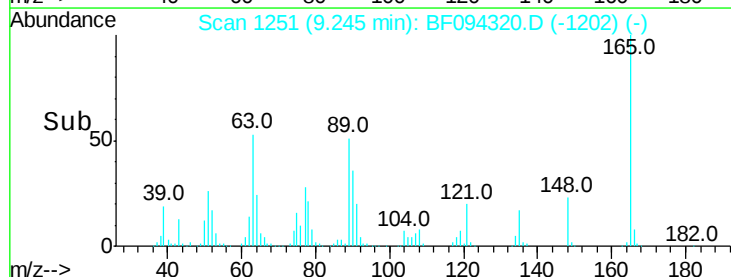
89 50.6 37.1 55.7



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: 43.41 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

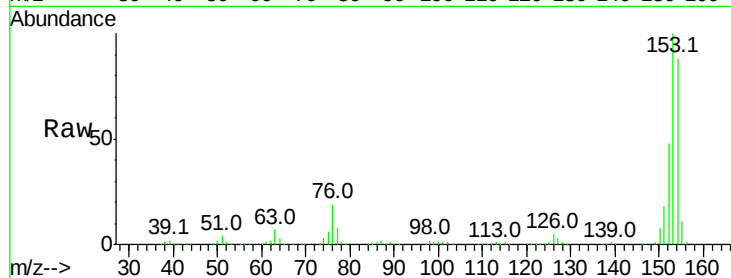
Tot Ion:154 Resp: 790285

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

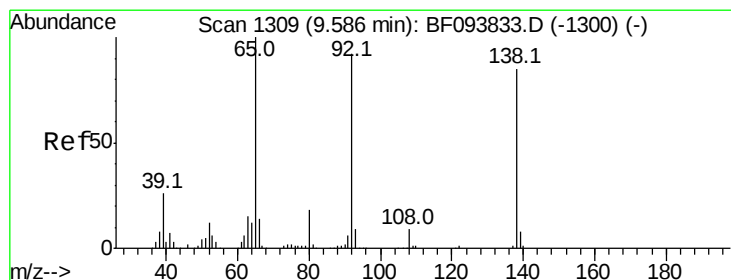
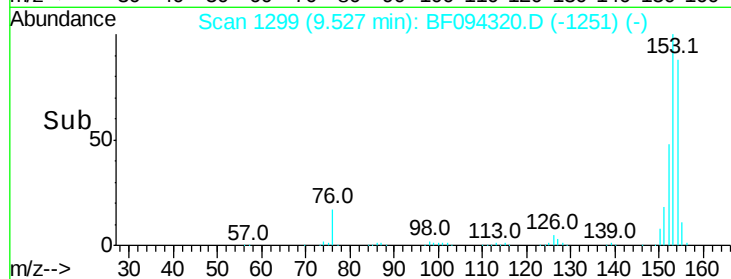
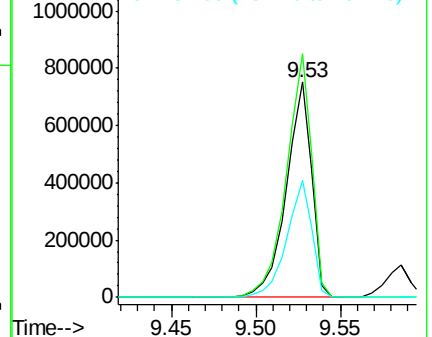
152 54.6 43.6 65.4



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: 33.54 ng

RT: 9.45 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

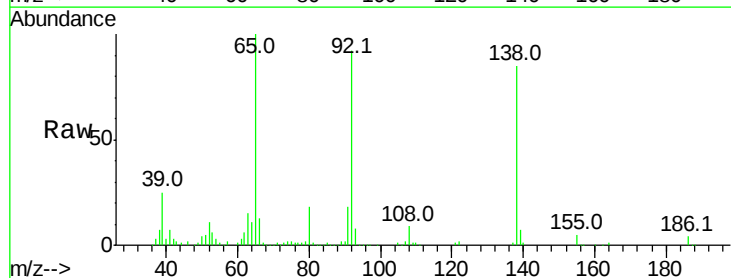
Tgt Ion:138 Resp: 190833

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

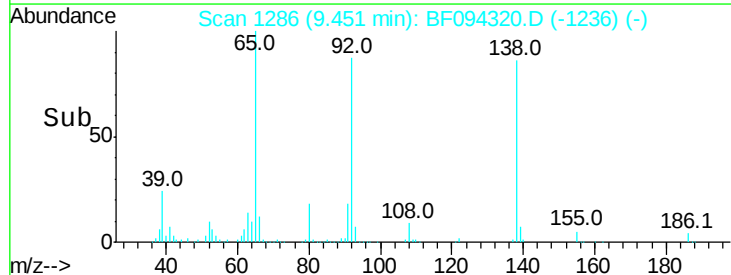
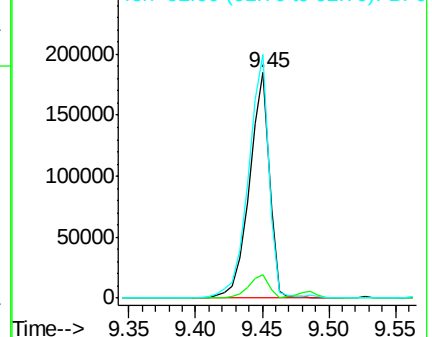
92 107.9 93.8 140.6



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

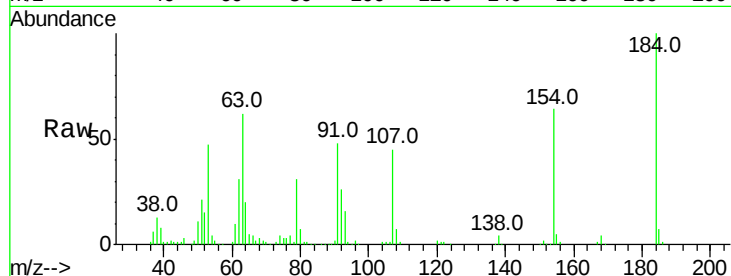




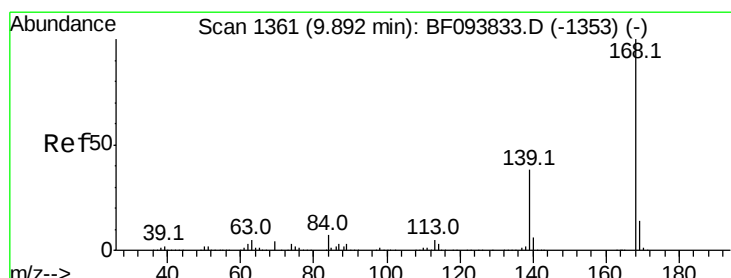
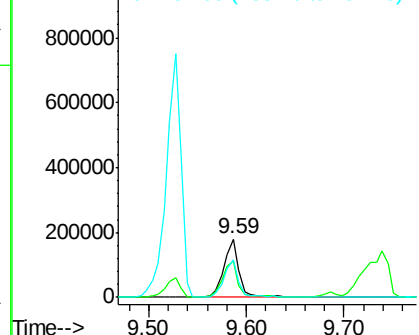
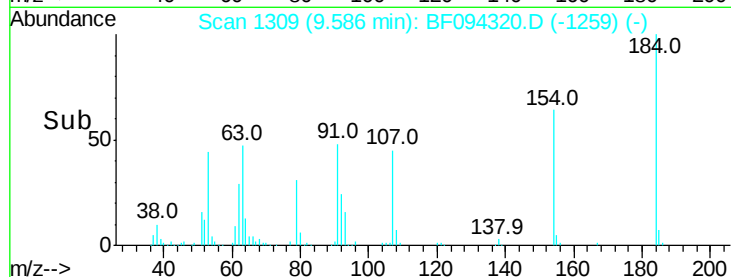
#53
2,4-Dinitrophenol
Concen: 76.75 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 198478
Ion Ratio Lower Upper
184 100
63 62.1 62.7 94.1#
154 64.2 81.1 121.7#

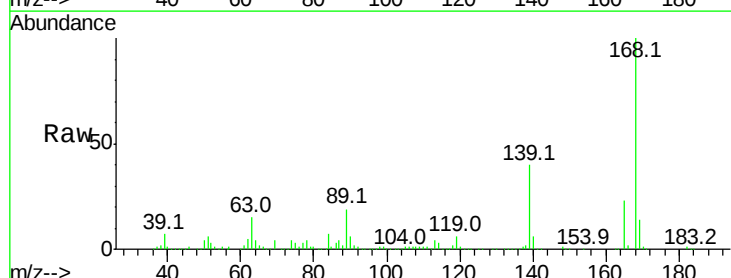


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

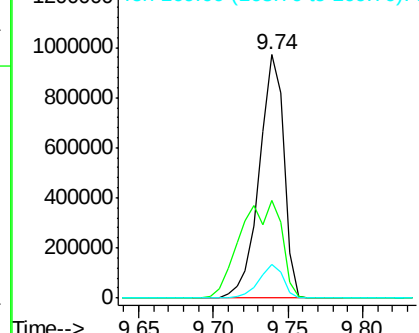
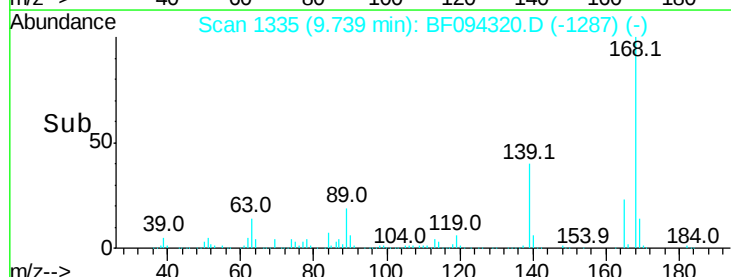


#54
Dibenzofuran
Concen: 44.32 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Tgt Ion:168 Resp: 1098458
Ion Ratio Lower Upper
168 100
139 40.2 30.6 45.8
169 13.6 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 169.64 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.05 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :

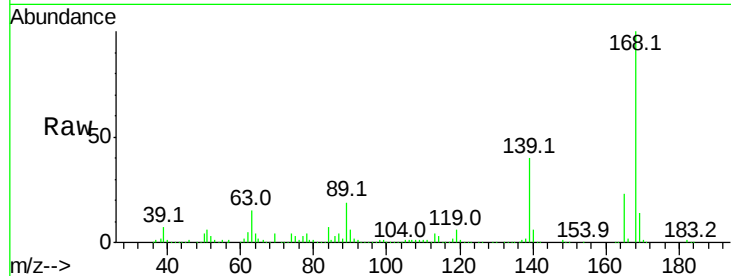
Tot Ion:139 Resp: 755865

Ion Ratio Lower Upper

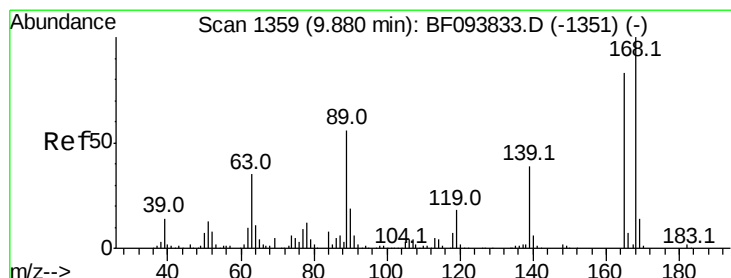
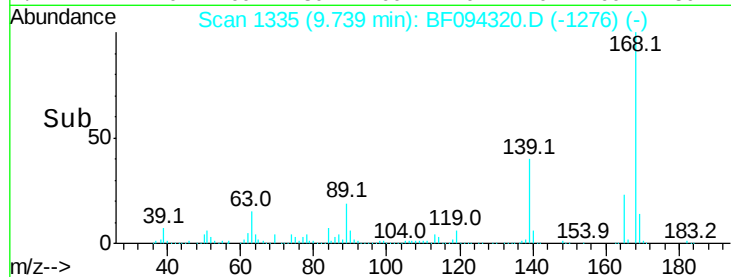
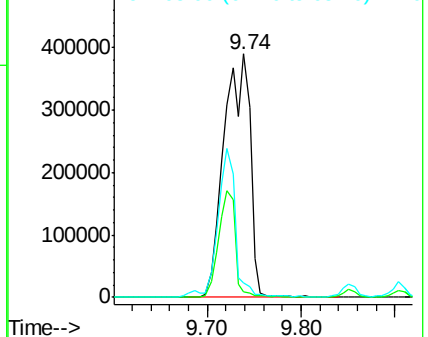
139 100

109 2.4 34.1 74.1#

65 5.7 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.22 ng

RT: 9.74 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Tgt Ion:165 Resp: 263039

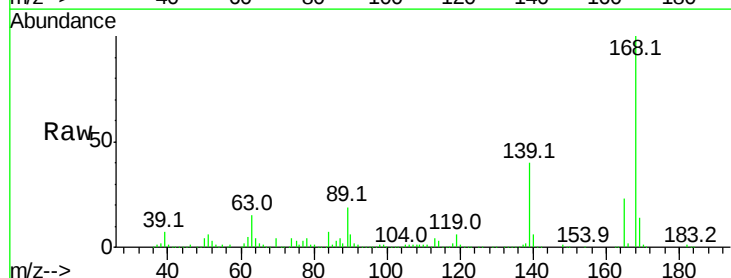
Ion Ratio Lower Upper

165 100

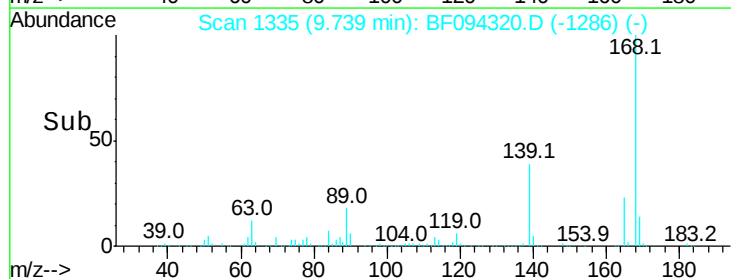
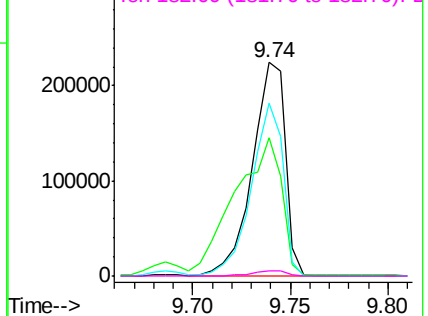
63 64.6 25.4 38.0#

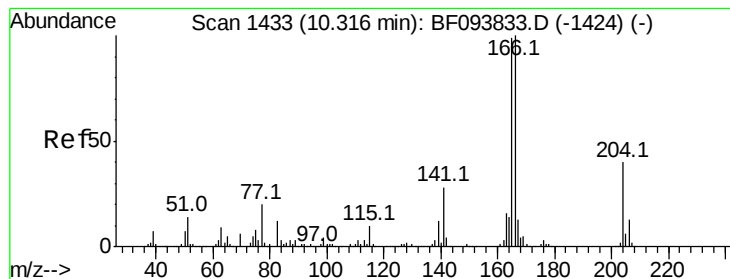
89 81.2 46.4 69.6#

182 2.3 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.05 ng

RT: 10.16 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampled :

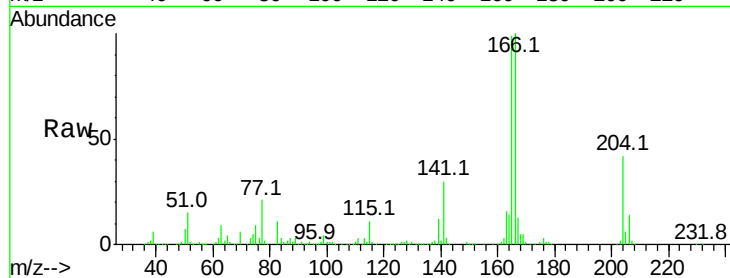
Tot Ion:166 Resp: 843698

Ion Ratio Lower Upper

166 100

165 99.4 78.8 118.2

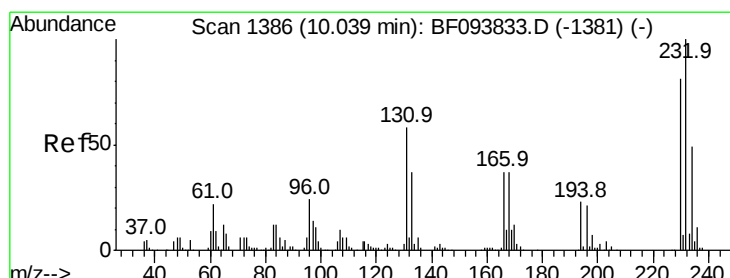
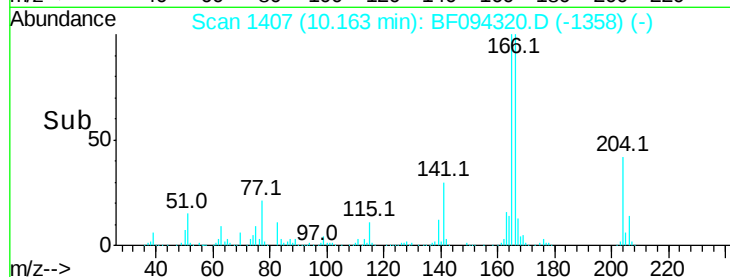
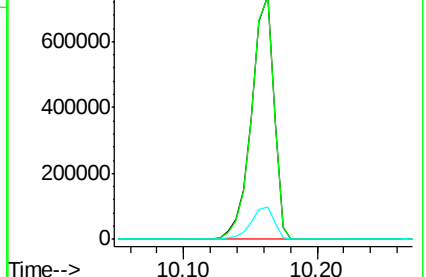
167 13.3 10.6 16.0



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: 47.85 ng

RT: 9.90 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Tgt Ion:232 Resp: 204438

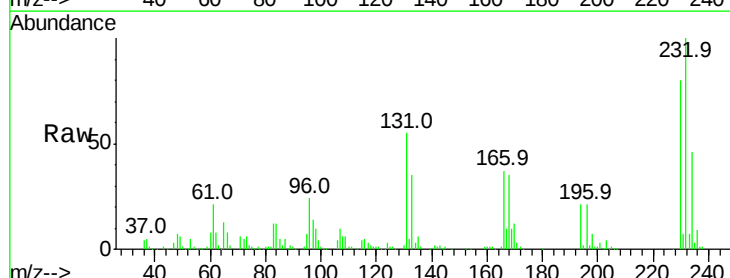
Ion Ratio Lower Upper

232 100

131 52.9 44.8 67.2

130 2.4 2.3 3.5

166 35.5 29.0 43.4

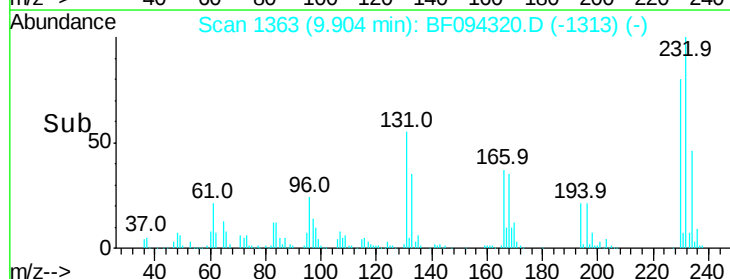
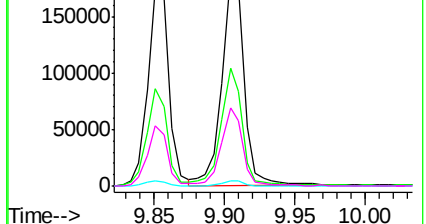


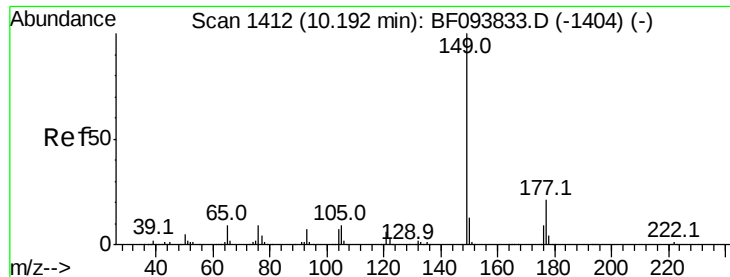
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

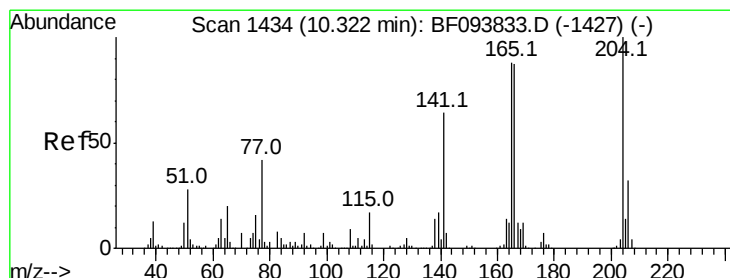
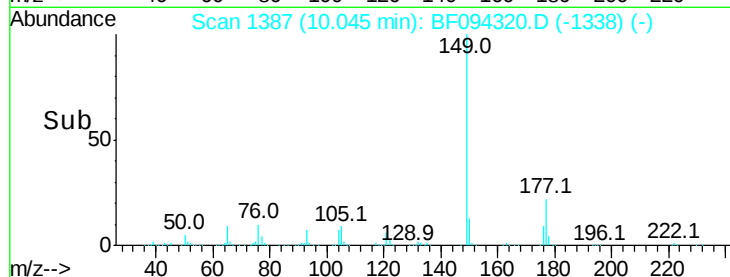
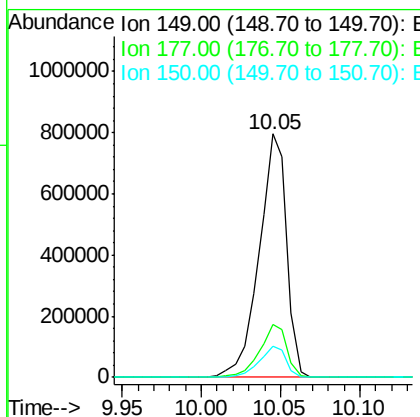
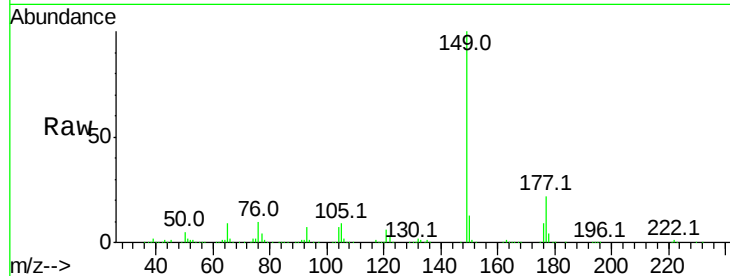




#59
 Diethylphthalate
 Concen: 46.11 ng
 RT: 10.05 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

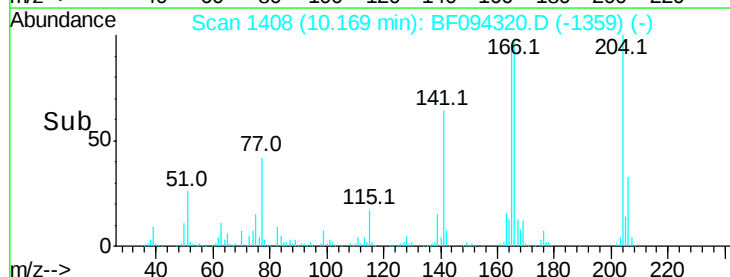
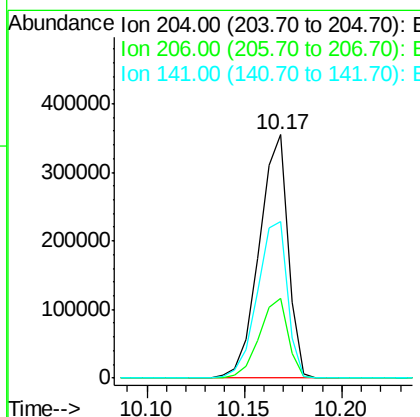
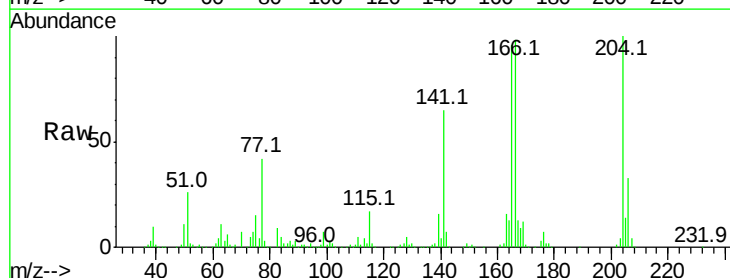
Instrument :
 BNA_F
 ClientSampled :

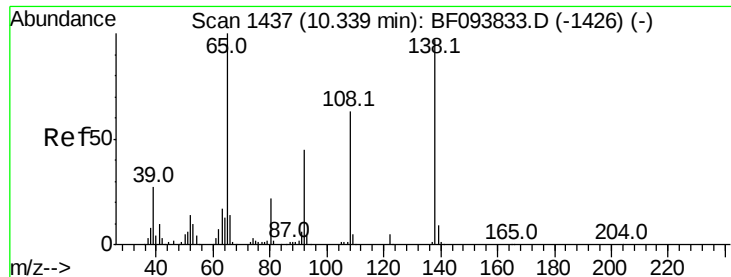
Tot Ion:	149	Resp:	963164
Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.8	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 41.58 ng
 RT: 10.17 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion:	204	Resp:	364077
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	64.6	60.8	91.2





#61

4-Nitroaniline

Concen: 43.25 ng

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampled :

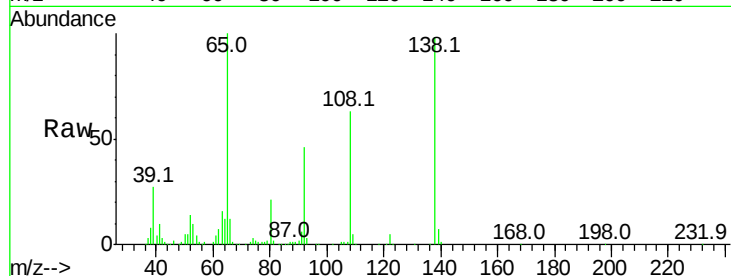
Tot Ion:138 Resp: 236142

Ion Ratio Lower Upper

138 100

92 47.1 21.8 61.8

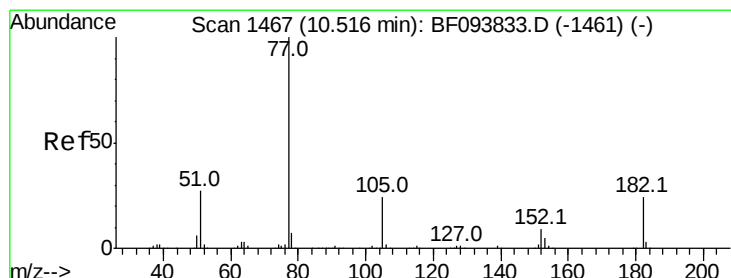
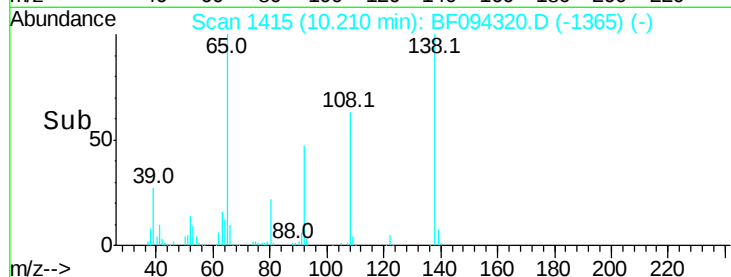
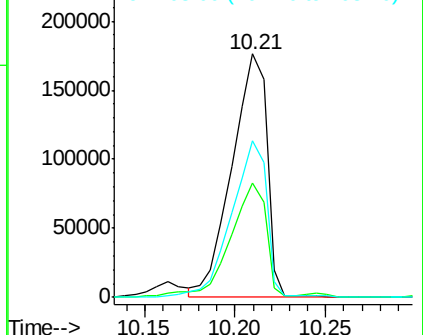
108 64.1 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.22 ng

RT: 10.36 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Tgt Ion: 77 Resp: 933145

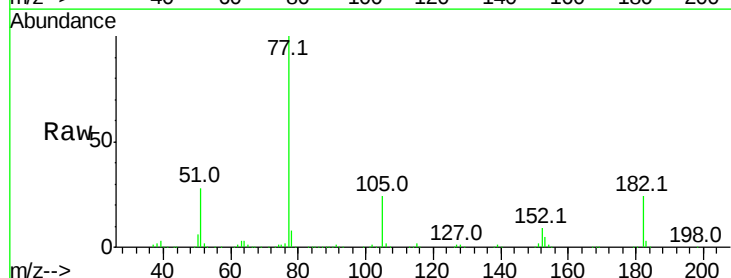
Ion Ratio Lower Upper

77 100

182 24.1 0.1 40.1

105 24.2 3.6 43.6

51 27.6 9.4 49.4

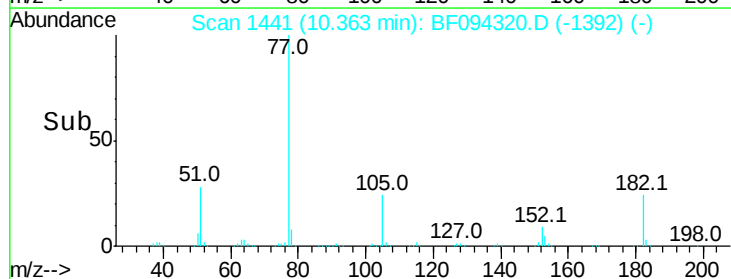
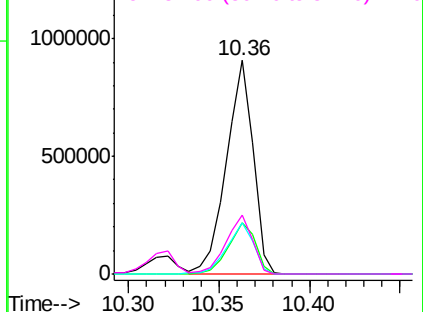


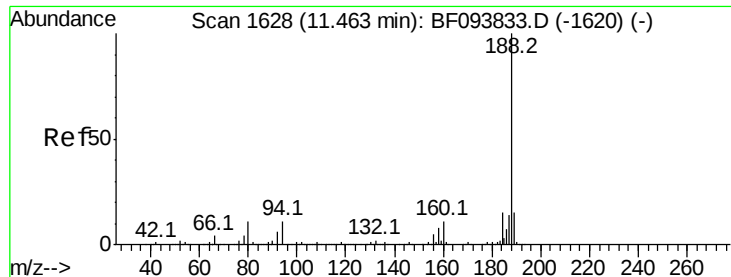
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

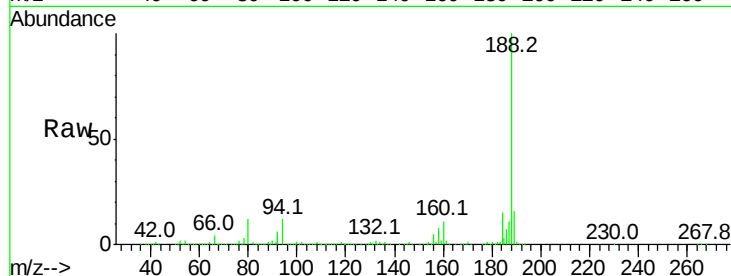




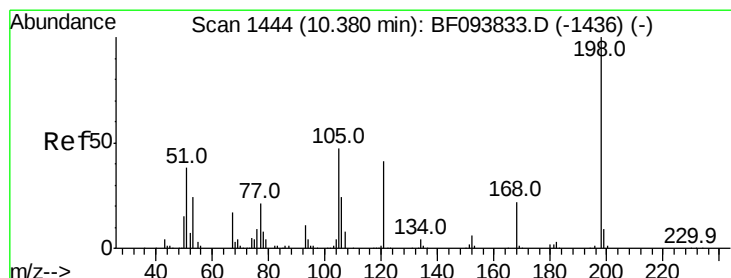
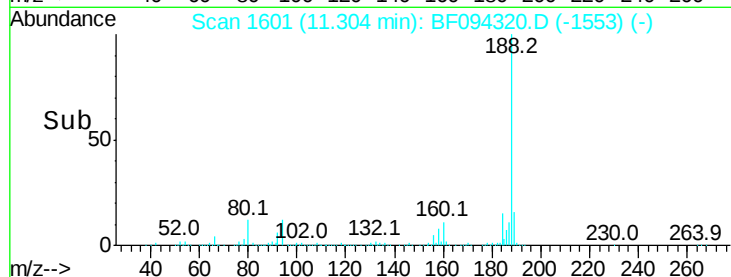
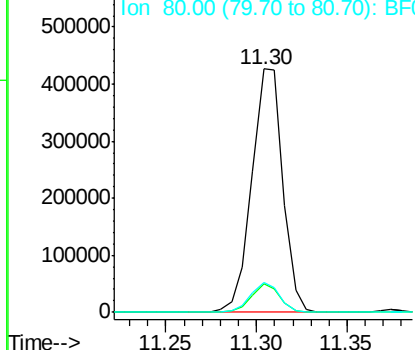
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 506331
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.4 10.2 15.2

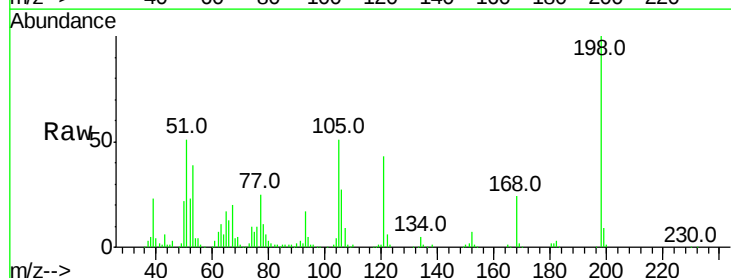


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

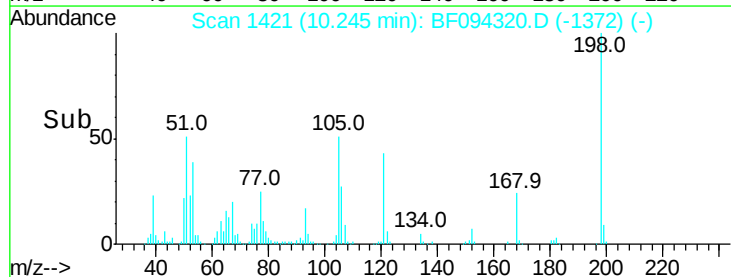
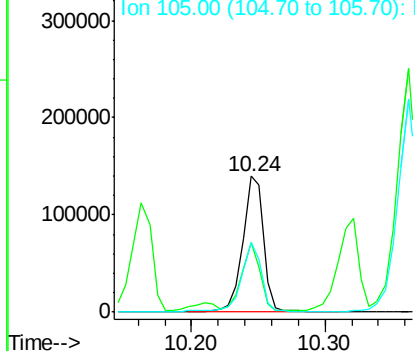


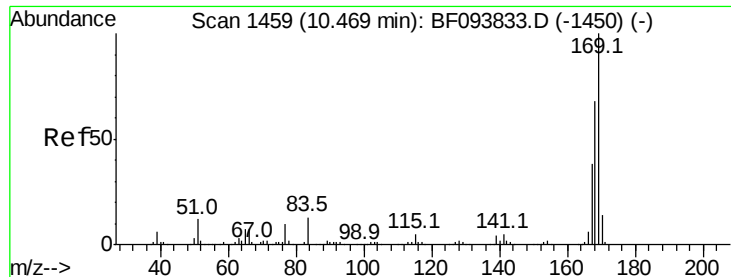
#64
4,6-Dinitro-2-methylphenol
Concen: 49.04 ng
RT: 10.24 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Tgt Ion:198 Resp: 152076
Ion Ratio Lower Upper
198 100
51 51.0 53.2 93.2#
105 50.8 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: 45.95 ng

RT: 10.32 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

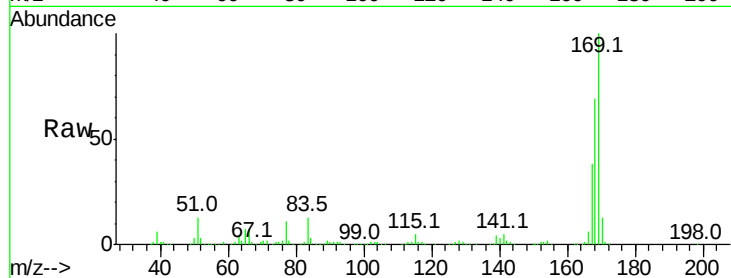
Tot Ion:169 Resp: 804643

Ion Ratio Lower Upper

169 100

168 69.4 53.2 79.8

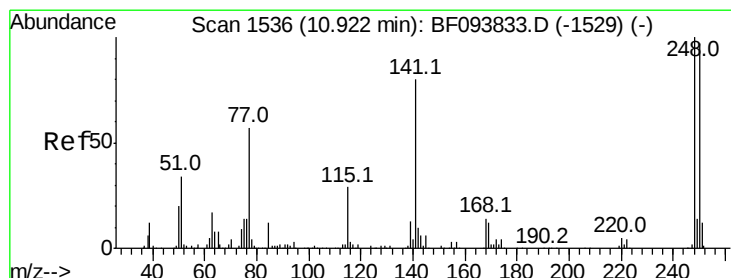
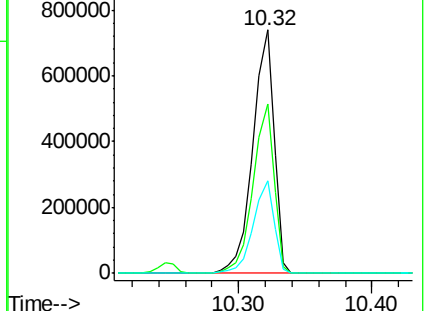
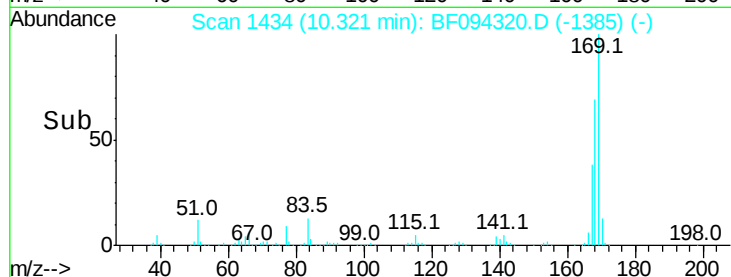
167 38.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.04 ng

RT: 10.76 min Scan# 1509

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

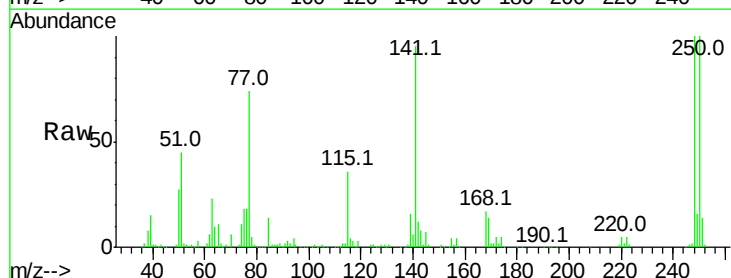
Tgt Ion:248 Resp: 229295

Ion Ratio Lower Upper

248 100

250 100.2 76.8 115.2

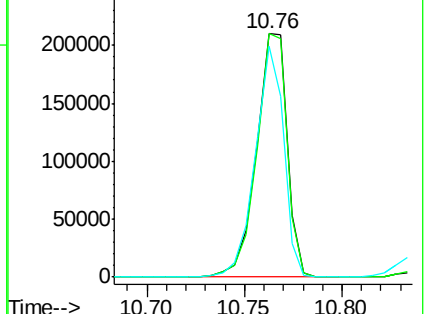
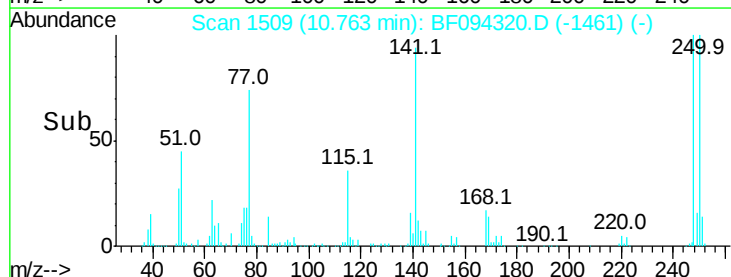
141 95.0 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.37 ng

RT: 10.84 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

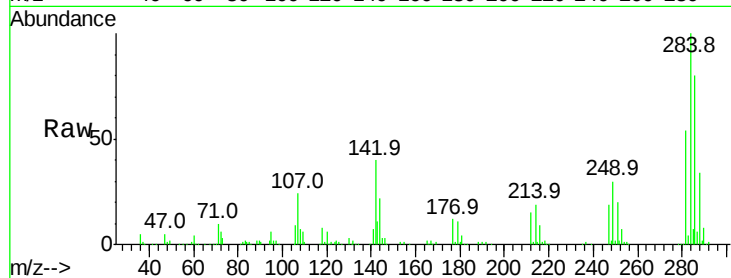
Tot Ion:284 Resp: 233728

Ion Ratio Lower Upper

284 100

142 39.7 22.8 34.2#

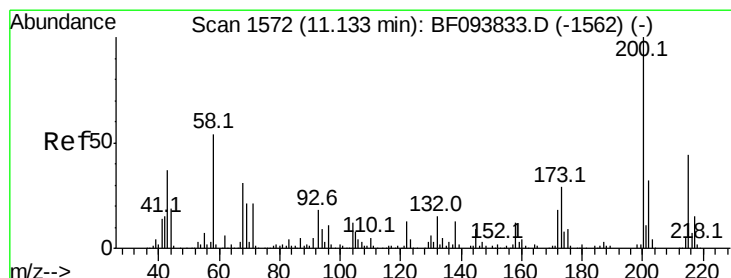
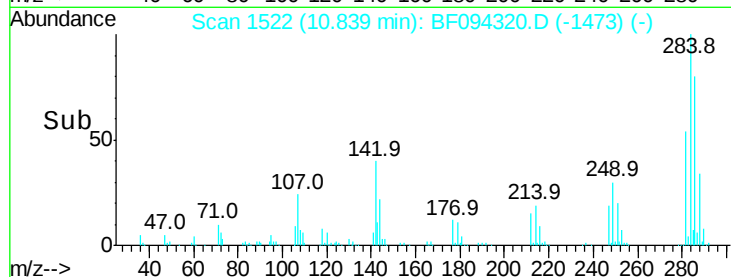
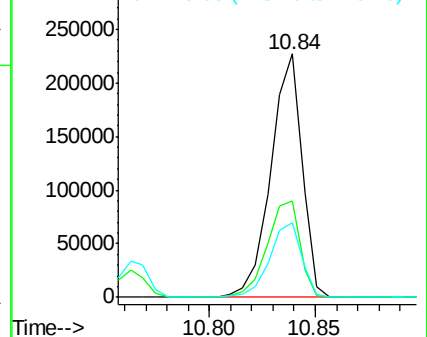
249 30.4 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.11 ng

RT: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

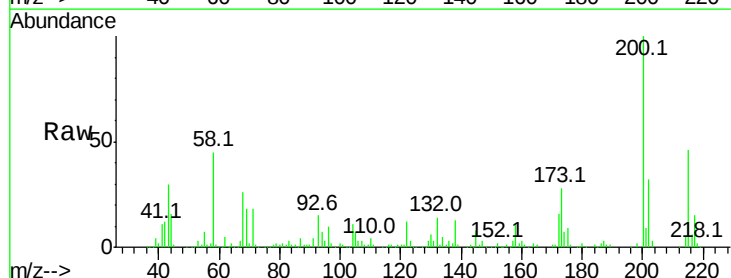
Tgt Ion:200 Resp: 236604

Ion Ratio Lower Upper

200 100

173 28.2 6.3 46.3

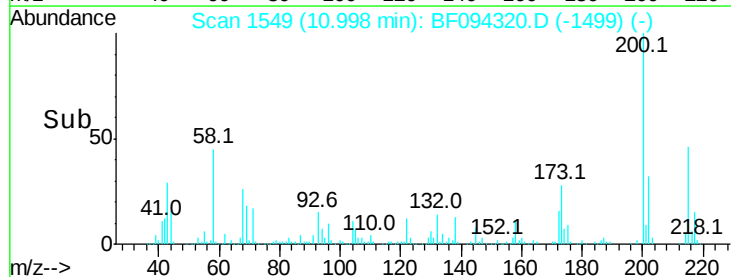
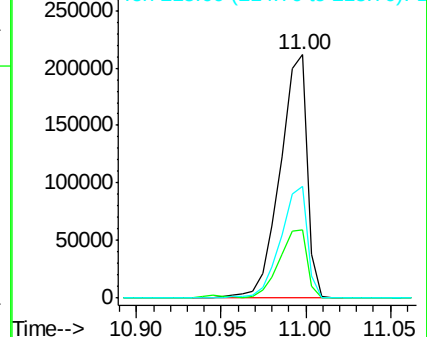
215 45.7 27.2 67.2

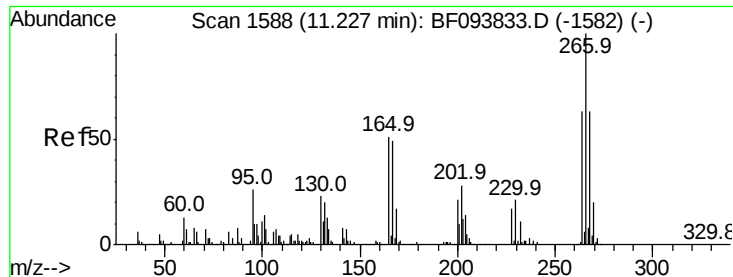


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

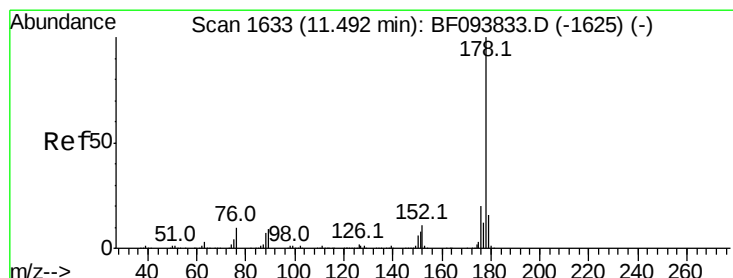
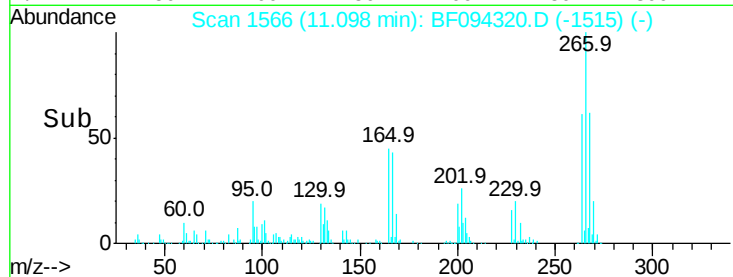
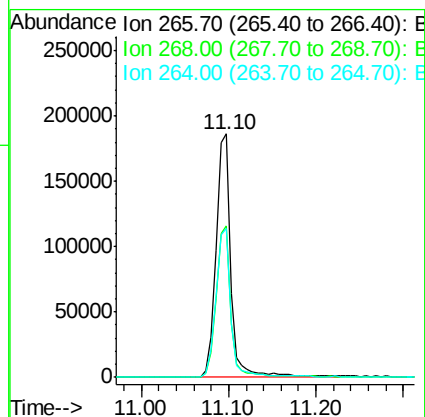
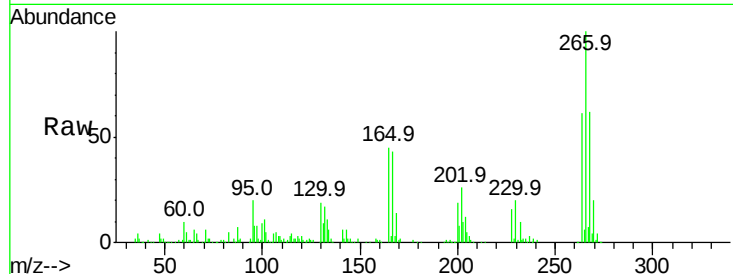




#69
 Pentachlorophenol
 Concen: 70.85 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

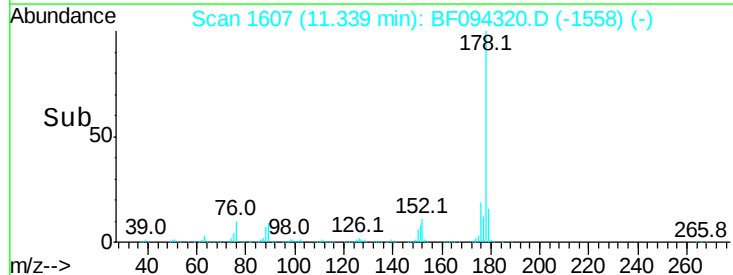
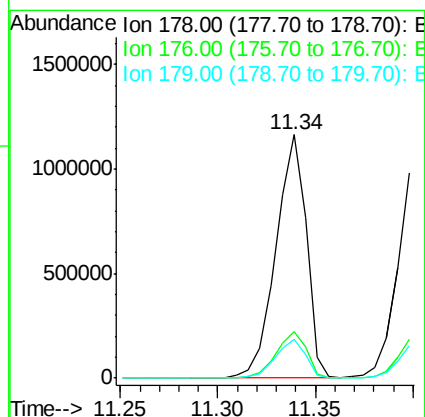
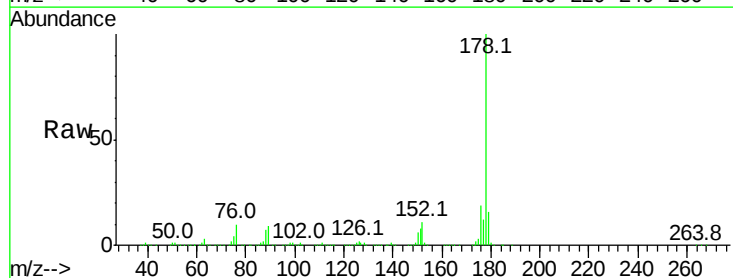
Instrument :
 BNA_F
 ClientSampled :

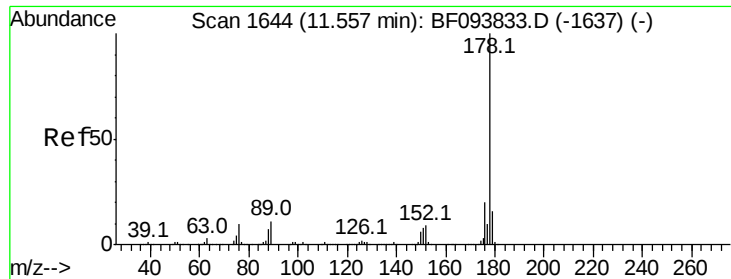
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	61.3	51.7	77.5



#70
 Phenanthrene
 Concen: 44.49 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.7	12.6	19.0

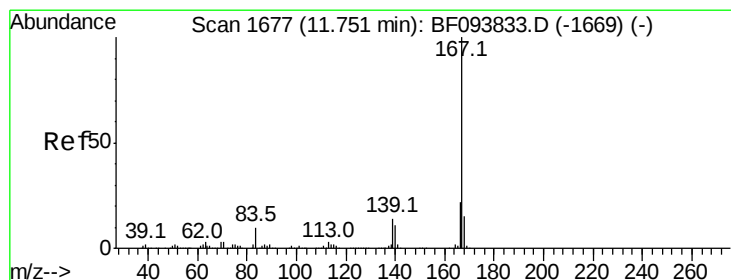
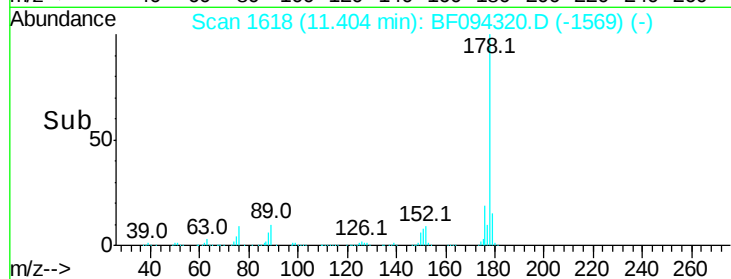
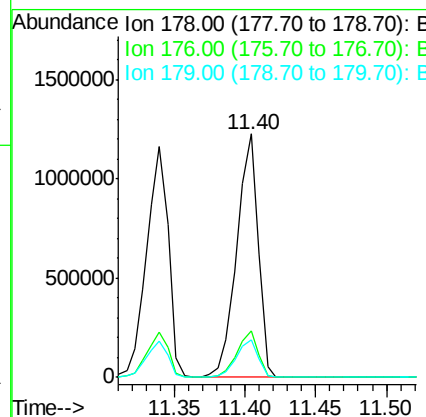
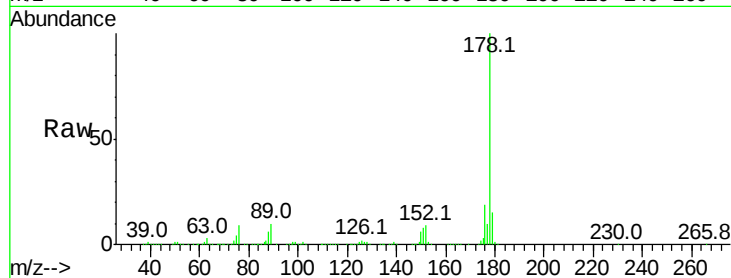




#71
 Anthracene
 Concen: 44.80 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

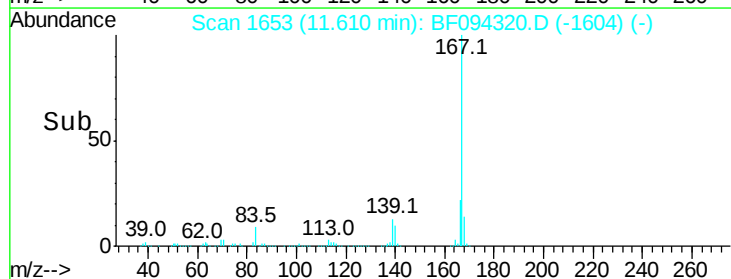
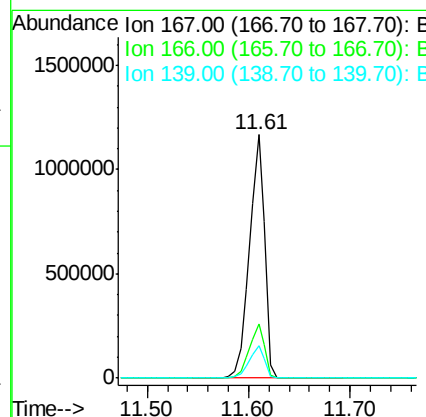
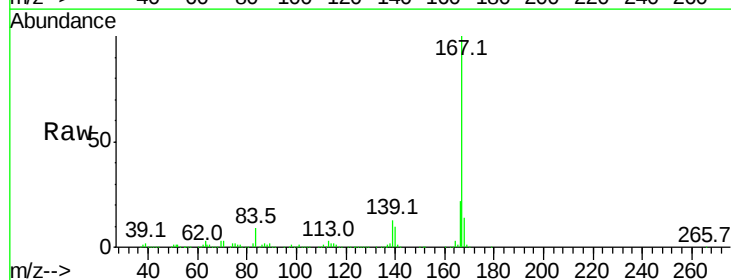
Instrument :
 BNA_F
 ClientSampleId :

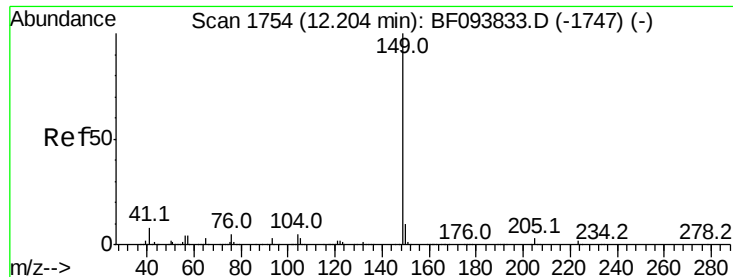
Tot Ion:178 Resp: 1299122
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 41.03 ng
 RT: 11.61 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion:167 Resp: 1220095
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.78 ng

RT: 12.05 min Scan# 1728

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

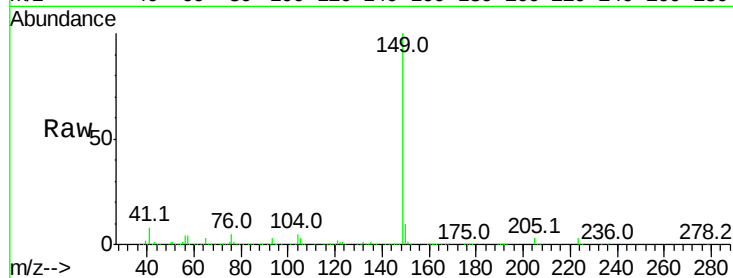
Tot Ion:149 Resp: 1446746

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

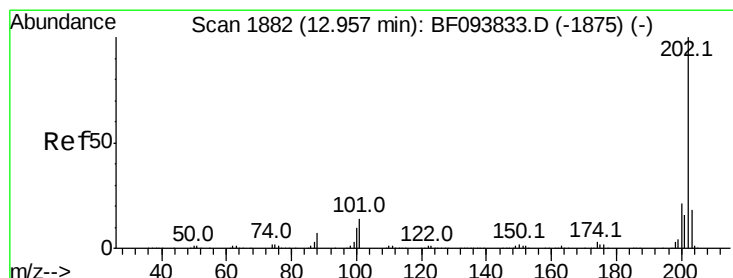
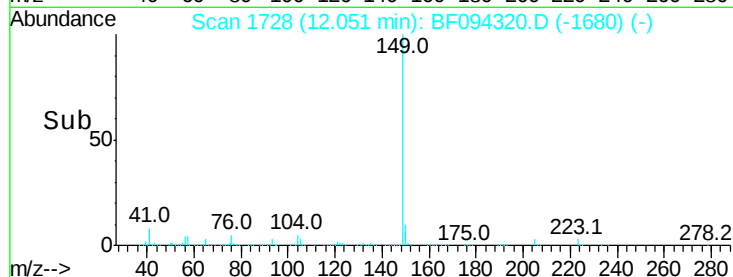
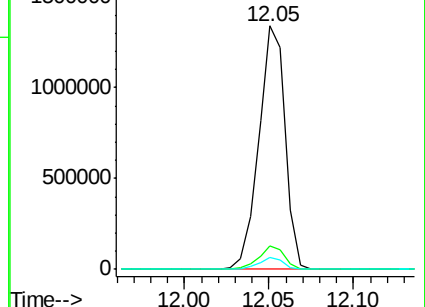
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.97 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

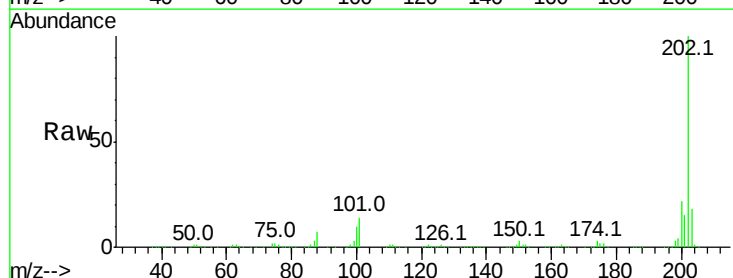
Tgt Ion:202 Resp: 1268270

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

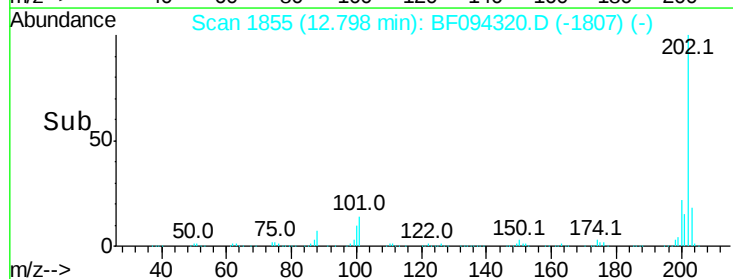
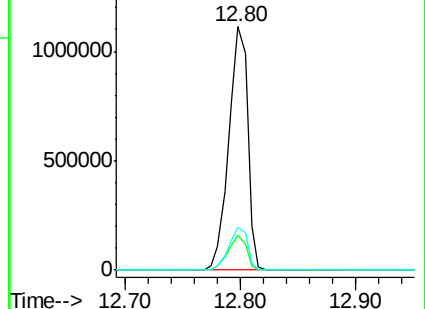
203 17.7 0.0 38.1

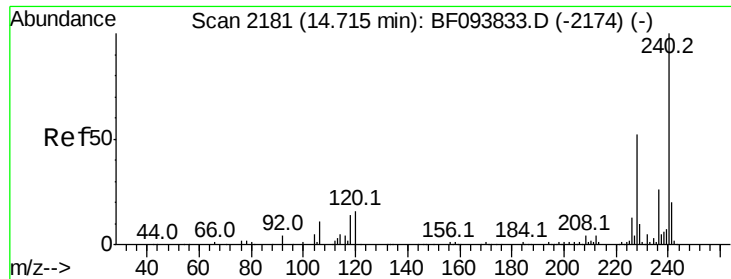


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampled :

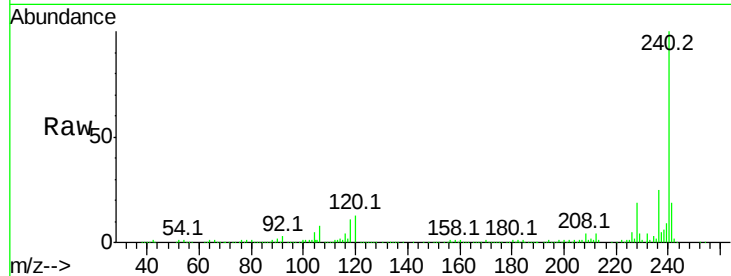
Tot Ion:240 Resp: 371952

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

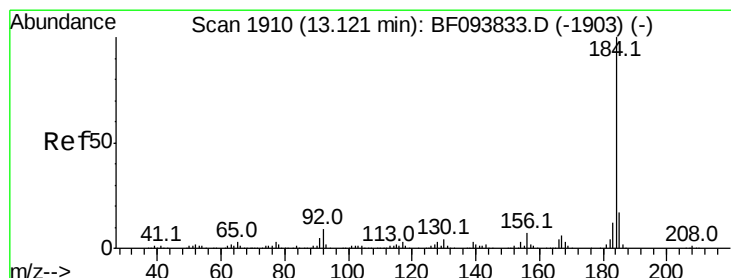
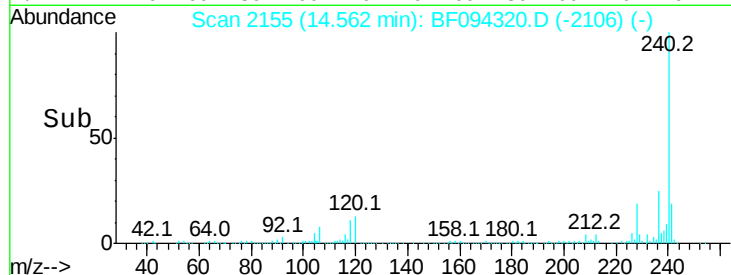
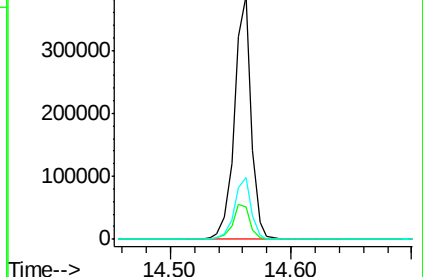
236 25.3 20.5 30.7



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: 6.46 ng

RT: 12.97 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

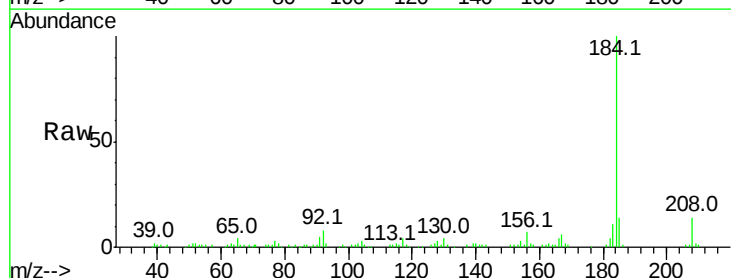
Tgt Ion:184 Resp: 95143

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

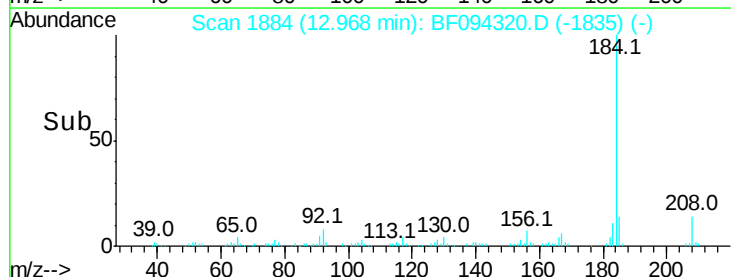
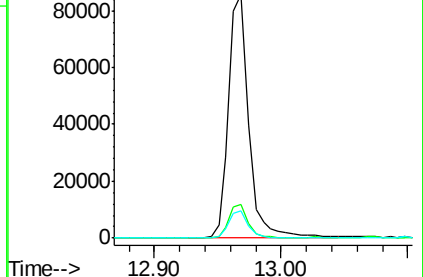
183 11.3 9.8 14.6

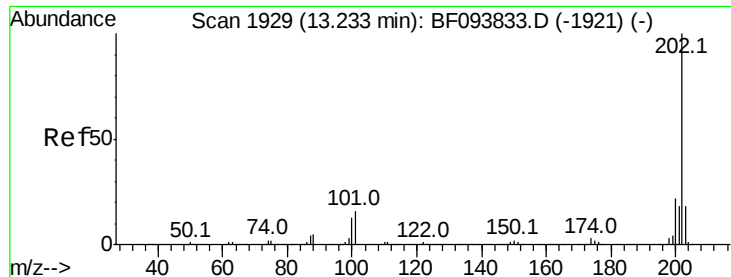


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.30 ng

RT: 13.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampled :

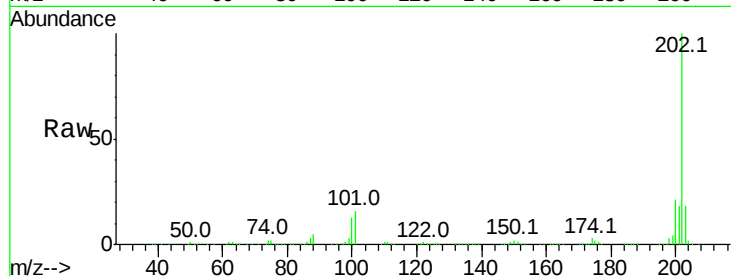
Tot Ion:202 Resp: 1276748

Ion Ratio Lower Upper

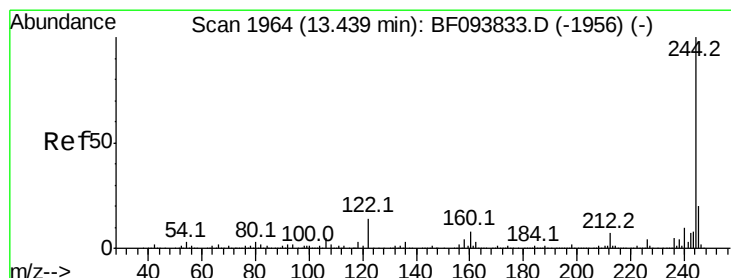
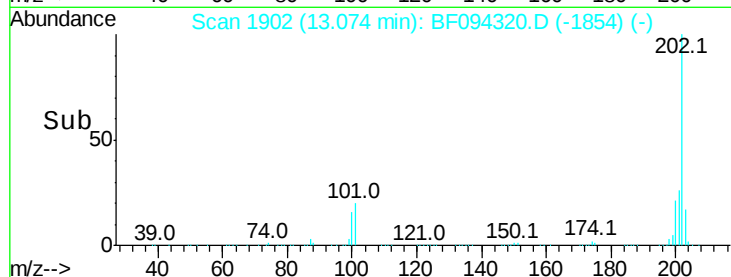
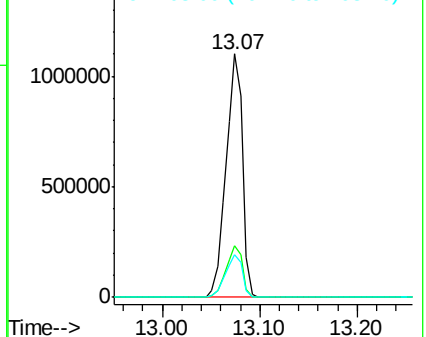
202 100

200 21.2 17.6 26.4

203 17.6 14.4 21.6



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



#78

Terphenyl-d14

Concen: 82.50 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

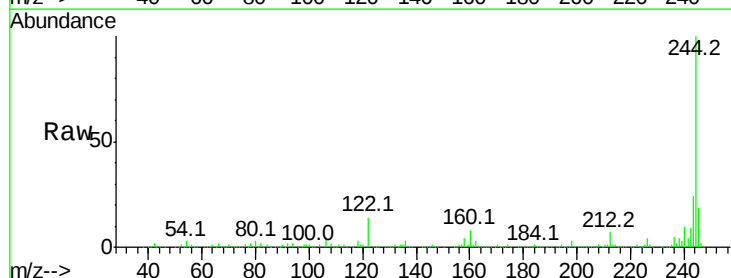
Tgt Ion:244 Resp: 1368941

Ion Ratio Lower Upper

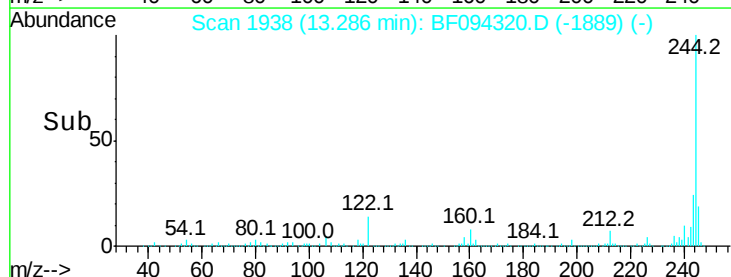
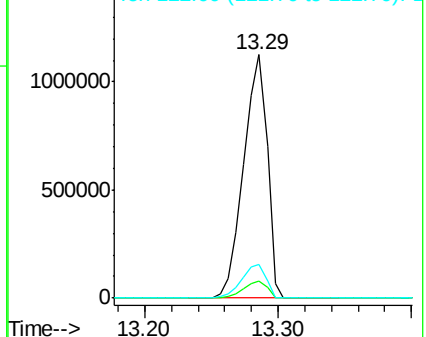
244 100

212 7.0 6.0 9.0

122 13.7 10.3 15.5



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

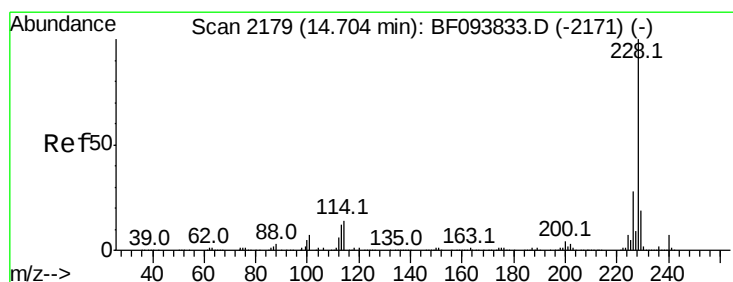
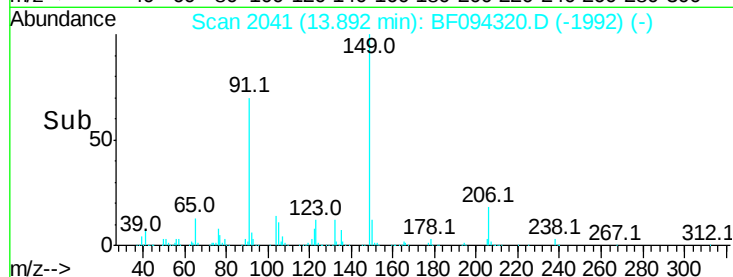
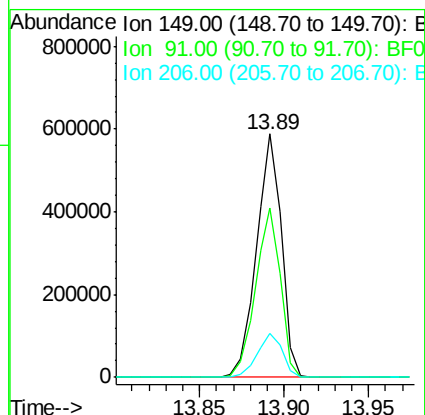
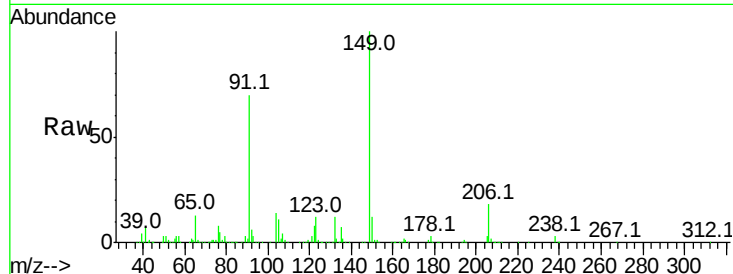




#79
Butylbenzylphthalate
Concen: 52.40 ng
RT: 13.89 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

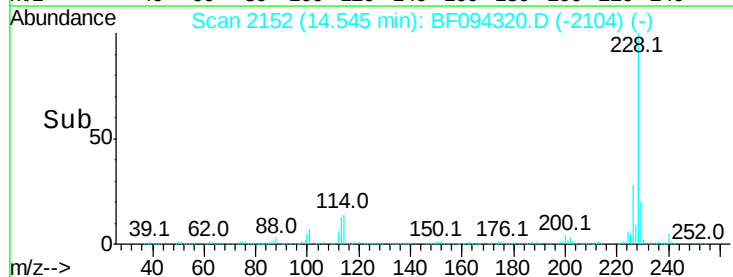
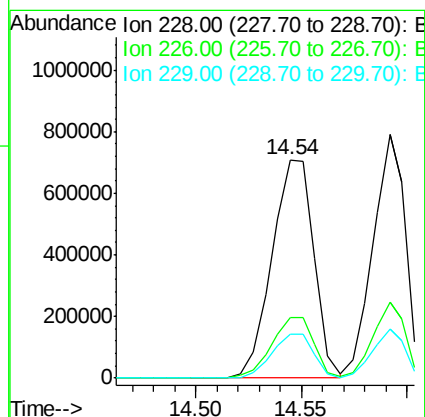
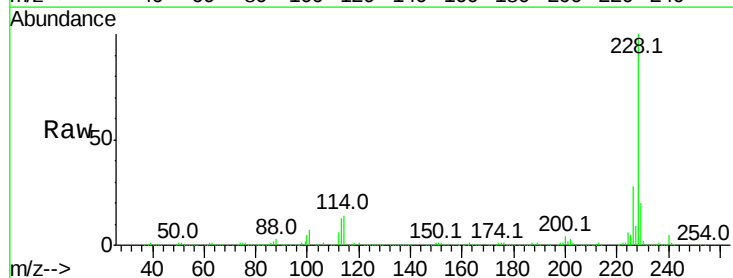
Instrument :
BNA_F
ClientSampleId :

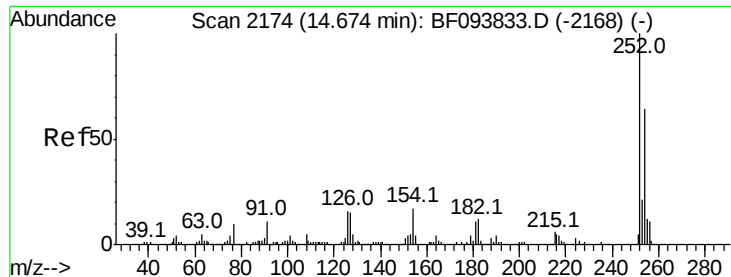
Tot Ion:149 Resp: 602686
Ion Ratio Lower Upper
149 100
91 69.6 45.0 67.4#
206 18.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.16 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Tgt Ion:228 Resp: 979445
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.0 16.3 24.5

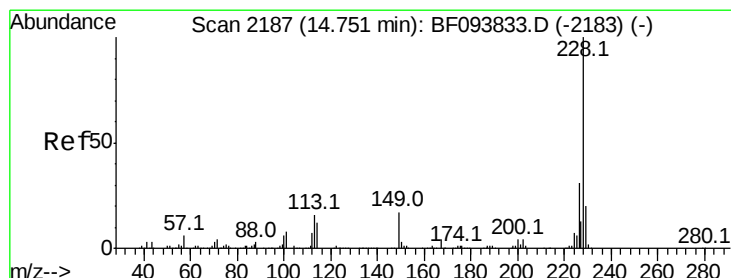
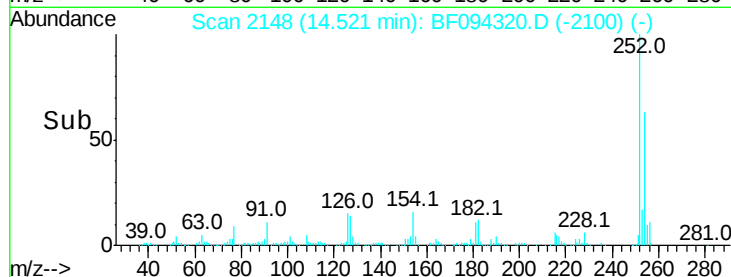
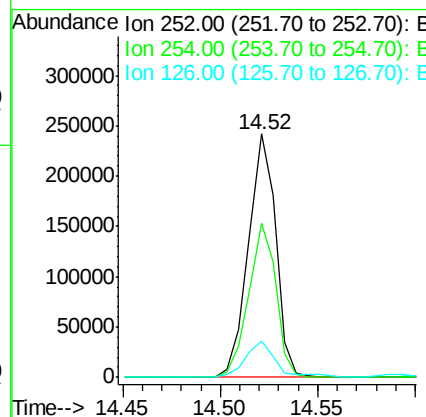
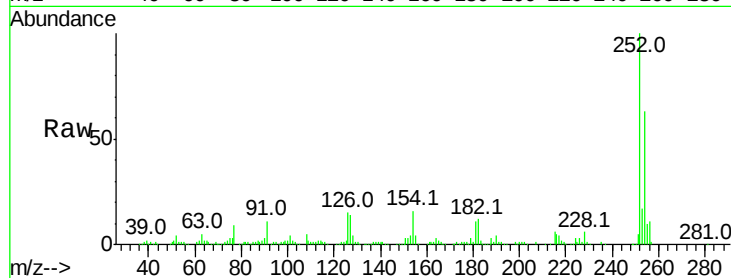




#81
 3,3'-Dichlorobenzidine
 Concen: 30.54 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

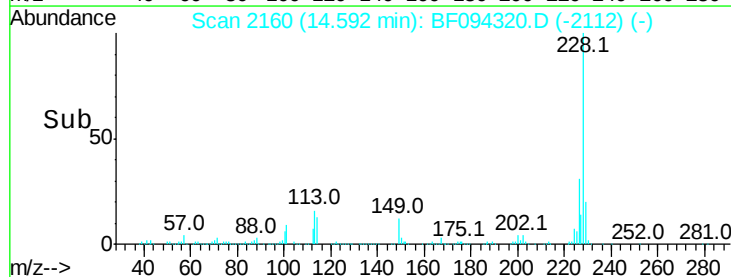
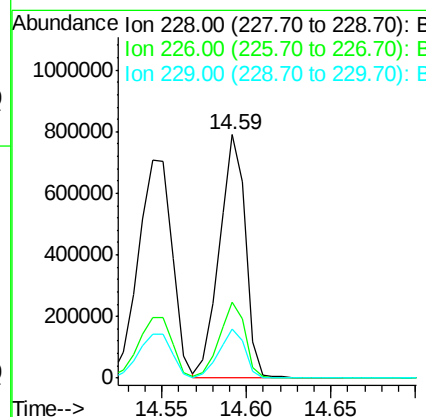
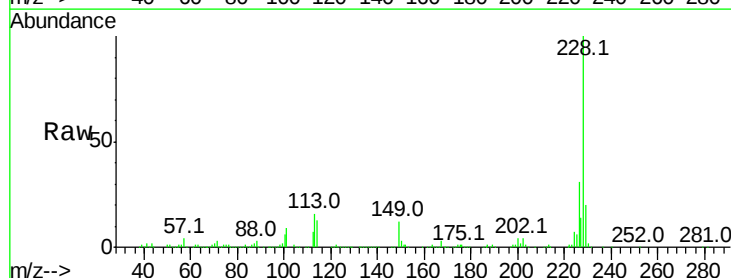
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.5	77.3
126	15.0	15.8	23.8#



#82
 Chrysene
 Concen: 42.23 ng
 RT: 14.59 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.3	15.8	23.6

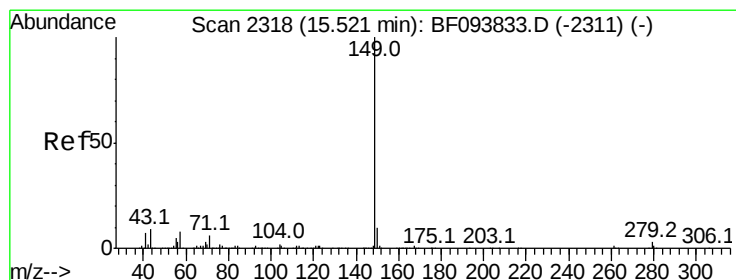
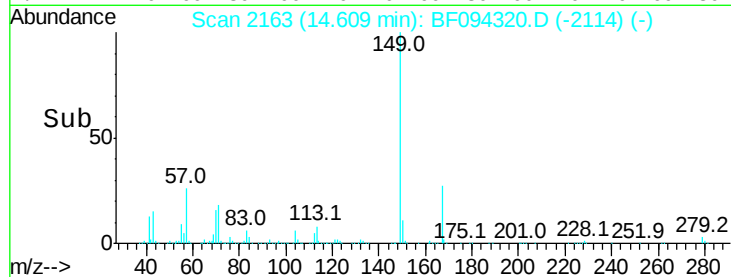
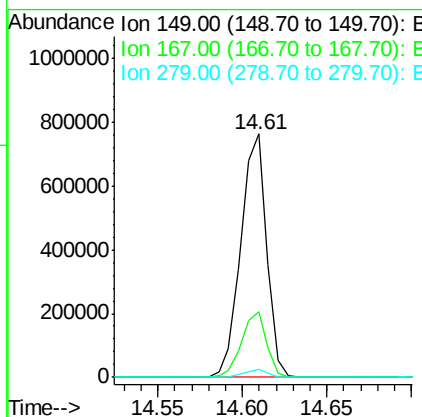
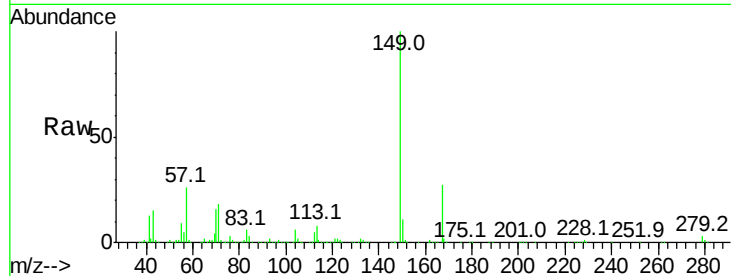




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.85 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

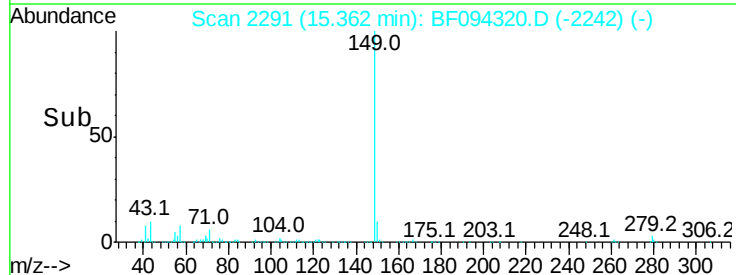
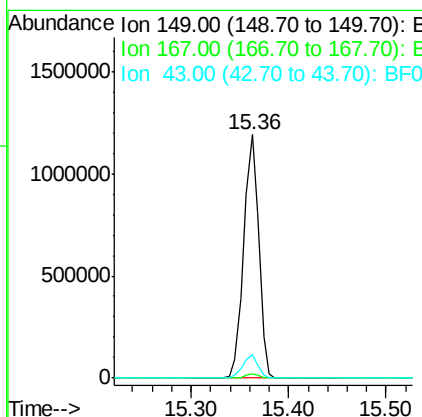
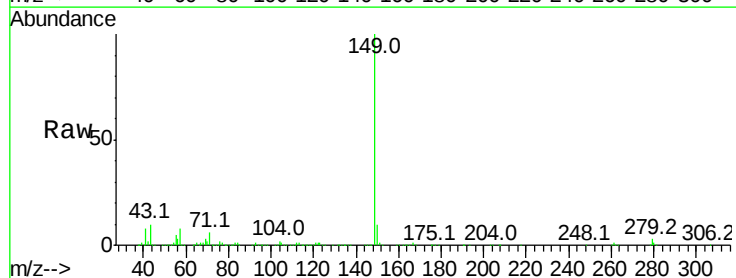
Instrument :
 BNA_F
 ClientSampled :

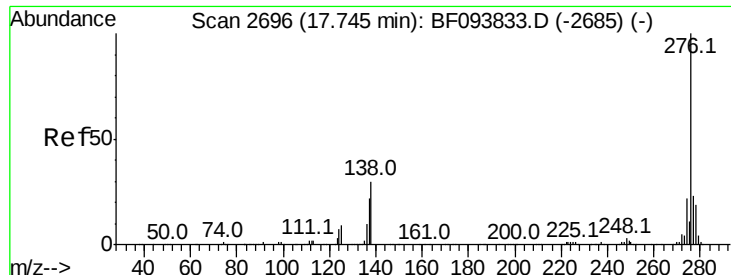
Tot Ion:149 Resp: 813633
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.96 ng
 RT: 15.36 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion:149 Resp: 1283548
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 8.5 12.7

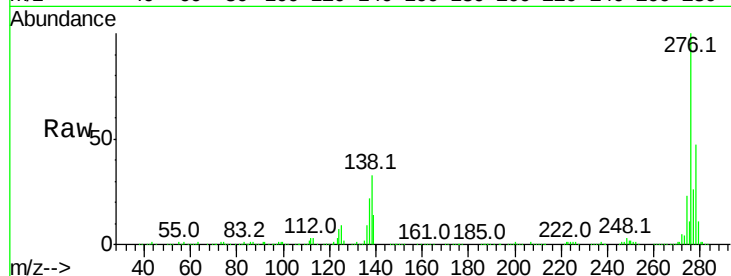




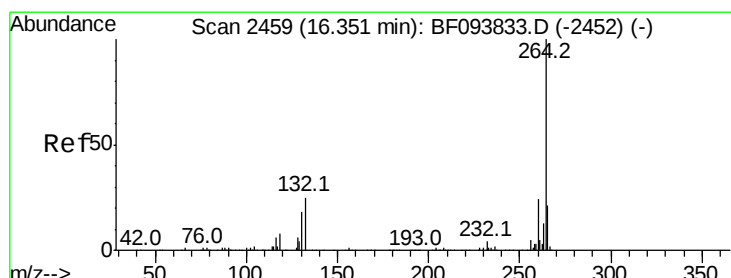
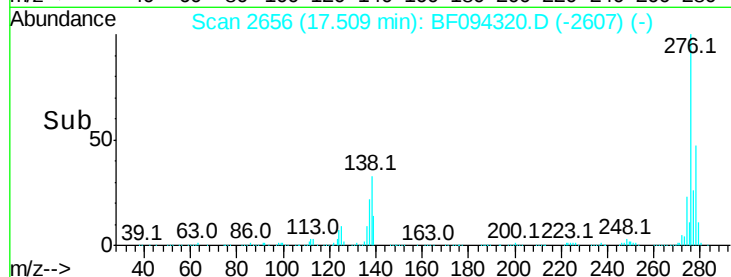
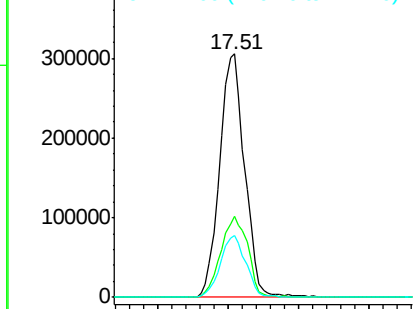
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.23 ng
 RT: 17.51 min Scan# 2656
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.8	41.6
277	25.8	20.2	30.4

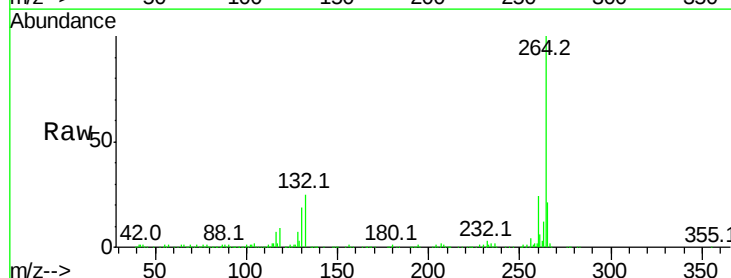


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

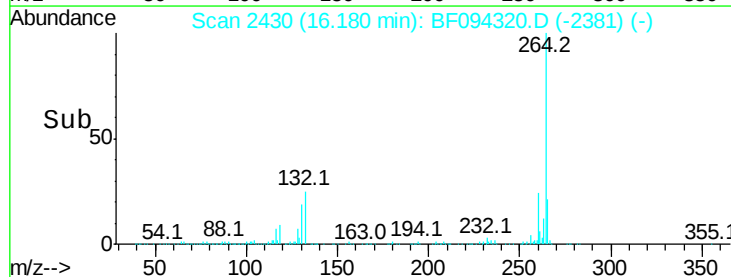
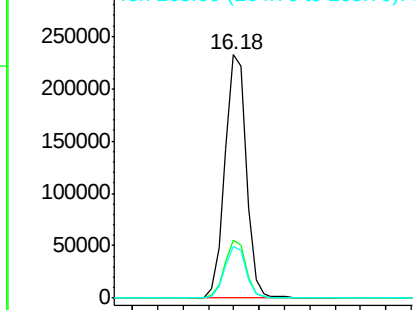


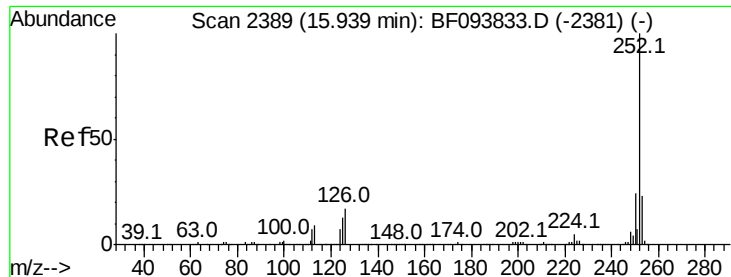
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094320.D
 Acq: 10 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

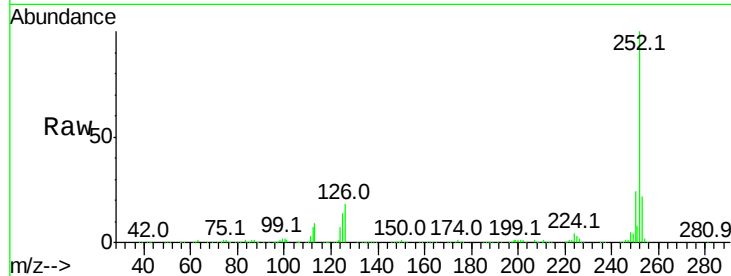




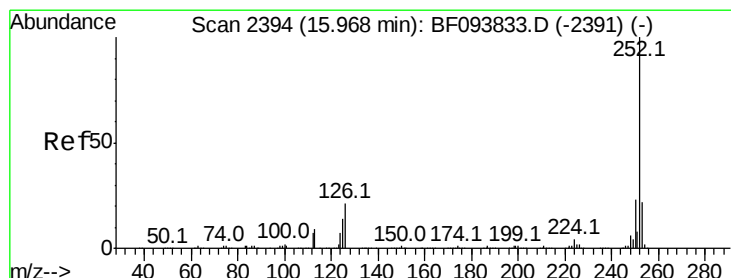
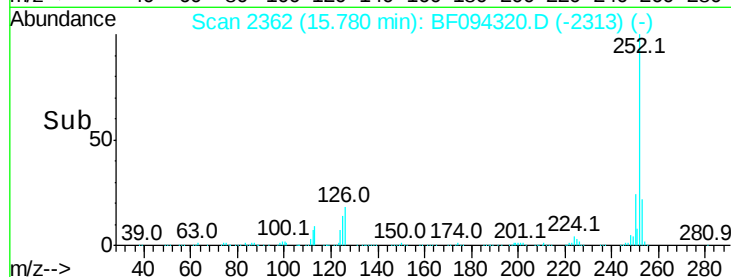
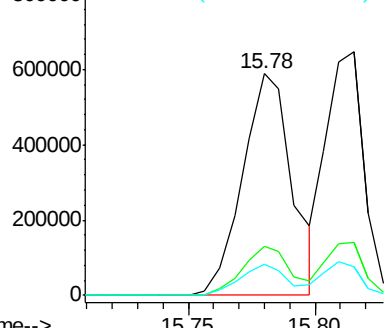
#87
Benzo(b)fluoranthene
Concen: 48.13 ng
RT: 15.78 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 802778
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 14.0 9.8 14.8

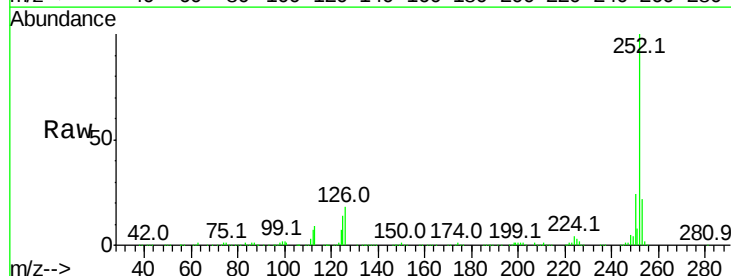


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

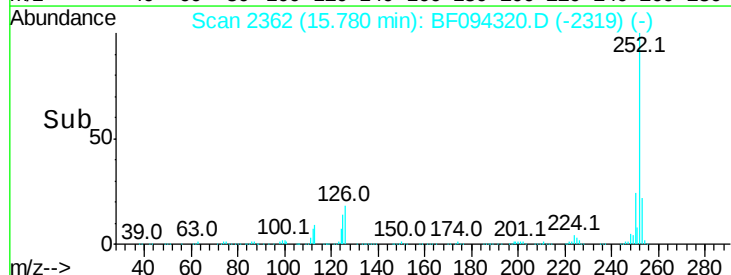
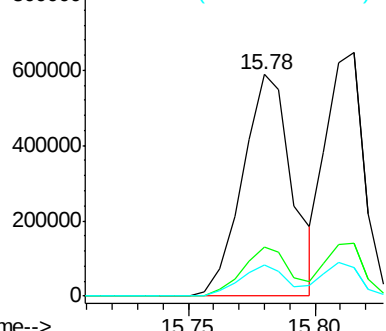


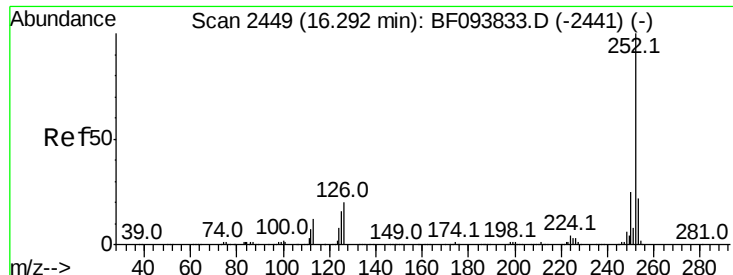
#88
Benzo(k)fluoranthene
Concen: 49.19 ng
RT: 15.78 min Scan# 2362
Delta R.T. -0.05 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

Tgt Ion:252 Resp: 802778
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 14.0 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

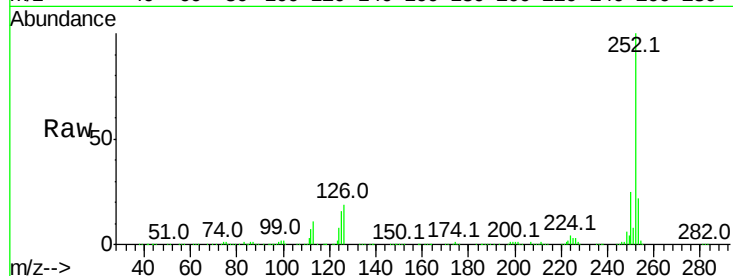




#89
Benzo(a)pyrene
Concen: 45.24 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

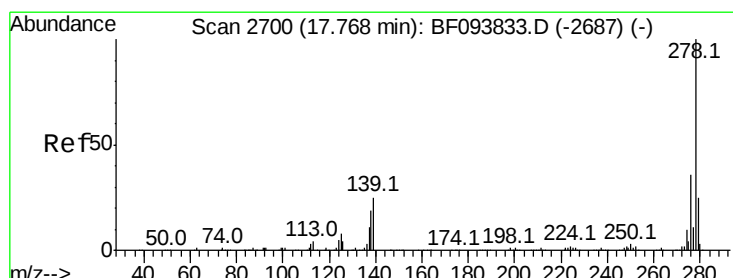
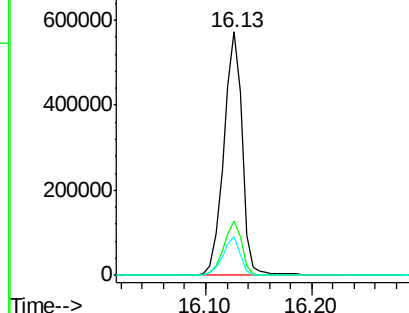
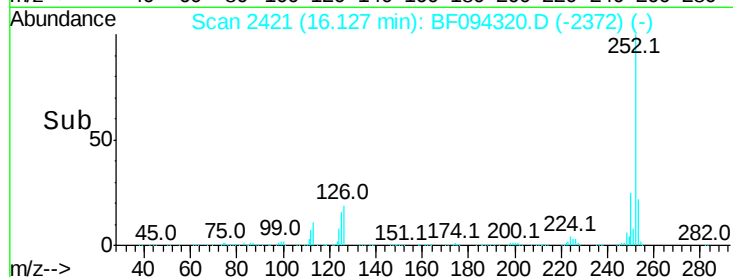
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.8	11.0	16.4



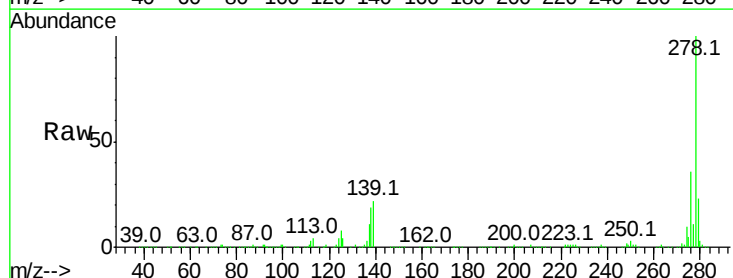
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

16.13



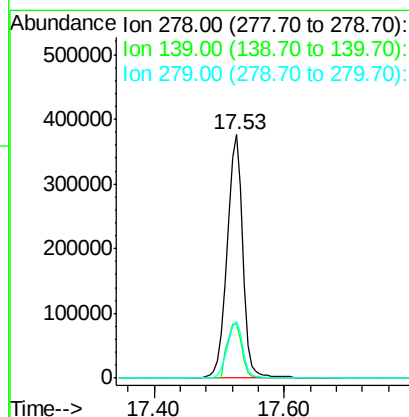
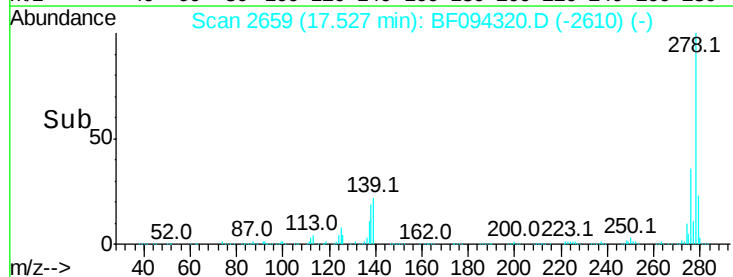
#90
Dibenzo(a,h)anthracene
Concen: 48.49 ng
RT: 17.53 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF094320.D
Acq: 10 Apr 2017 19:22

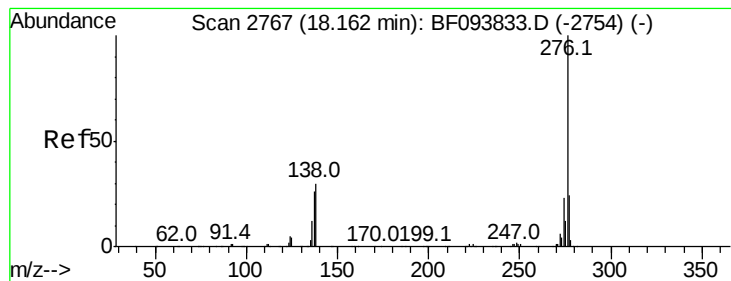
Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	16.6	24.8
279	23.2	19.3	28.9



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

17.53





#91

Benzo(a,h,i)perylene

Concen: 49.55 ng

RT: 17.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BF094320.D

Acq: 10 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

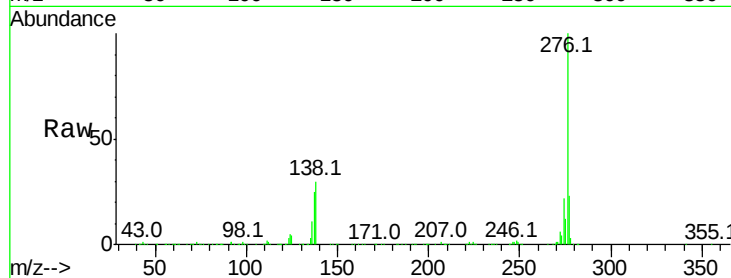
Tot Ion: 276 Resp: 649571

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 30.1 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

