

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094899.D
 Acq On : 5 May 2017 5:20
 Operator : SJ/MA
 Sample : PB98693BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 06:48:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	80422	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	368677	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	173648	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	296190	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	208926	20.00	ng	-0.02
86) Perylene-d12	20.30	264	183351	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	559669	116.02	ng	0.00
7) Phenol-d6	7.27	99	659087	113.88	ng	-0.01
23) Nitrobenzene-d5	8.62	82	384519	65.77	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	146185	102.79	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	832534	69.01	ng	-0.01
78) Terphenyl-d14	17.29	244	608886	64.19	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	79107	33.44	ng	94
3) Pyridine	2.80	79	199559	36.40	ng	99
4) n-Nitrosodimethylamine	2.73	42	89365	39.10	ng	90
6) Aniline	7.22	93	109147	14.94	ng	95
8) 2-Chlorophenol	7.41	128	240150	43.74	ng	95
9) Benzaldehyde	7.04	77	33948	9.61	ng	94
10) Phenol	7.28	94	268009	43.94	ng	93
11) bis(2-Chloroethyl)ether	7.35	93	206597	41.03	ng	98
12) 1,3-Dichlorobenzene	7.62	146	232457	37.32	ng	98
13) 1,4-Dichlorobenzene	7.75	146	237666	37.63	ng	96
14) 1,2-Dichlorobenzene	7.98	146	225414	38.23	ng	96
15) Benzyl Alcohol	8.00	79	168255	45.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	250577	35.16	ng	54
17) 2-Methylphenol	8.22	107	181664	40.43	ng	97
18) Hexachloroethane	8.51	117	76430	35.72	ng	89
19) n-Nitroso-di-n-propylamine	8.43	70	151965	38.82	ng	94
20) 3+4-Methylphenols	8.48	107	245231	40.17	ng	# 61
22) Acetophenone	8.39	105	308471	34.87	ng	# 84
24) Nitrobenzene	8.65	77	229982	37.53	ng	94
25) Isophorone	9.05	82	412085	39.47	ng	96
26) 2-Nitrophenol	9.16	139	130110	39.35	ng	96
27) 2,4-Dimethylphenol	9.30	122	209830	39.25	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	261170	36.16	ng	98
29) 2,4-Dichlorophenol	9.58	162	206684	40.94	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	203965	37.71	ng	97
31) Naphthalene	9.78	128	697735	37.66	ng	100
32) Benzoic acid	9.60	122	128996	37.94	ng	95
33) 4-Chloroaniline	9.94	127	38827	5.62	ng	96
34) Hexachlorobutadiene	10.00	225	98337	34.46	ng	99
35) Caprolactam	10.70	113	4646	3.06	ng	93
36) 4-Chloro-3-methylphenol	10.77	107	203855	37.77	ng	91
37) 2-Methylnaphthalene	10.90	142	469816	38.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	195289	36.57	ng	99
40) Hexachlorocyclopentadiene	11.16	237	80922	39.37	ng	95

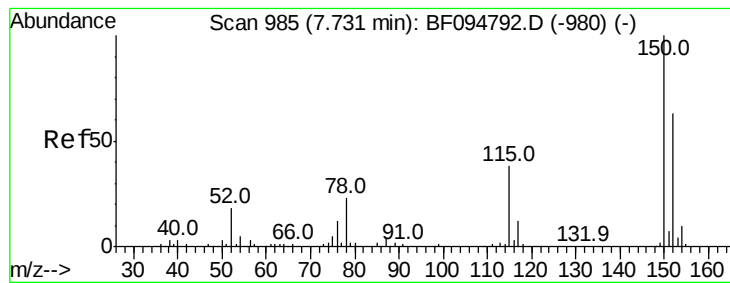
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094899.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	139297	39.07	nq	98
43) 2,4,5-Trichlorophenol	11.48	196	144965	37.83	nq	93
45) 1,1'-Biphenyl	11.67	154	550366	37.64	nq	98
46) 2-Chloronaphthalene	11.68	162	434963	36.85	nq	96
47) 2-Nitroaniline	11.89	65	123272	38.15	nq	# 86
48) Acenaphthylene	12.34	152	698458	37.77	nq	99
49) Dimethylphthalate	12.21	163	517802	36.32	nq	98
50) 2,6-Dinitrotoluene	12.30	165	116792	40.16	nq	95
51) Acenaphthene	12.62	154	419660	38.00	nq	98
52) 3-Nitroaniline	12.57	138	38988	12.49	nq	# 85
53) 2,4-Dinitrophenol	12.77	184	64537	43.39	nq	# 68
54) Dibenzofuran	12.91	168	619978	40.57	nq	99
55) 4-Nitrophenol	12.95	139	154793	82.56	nq	# 74
56) 2,4-Dinitrotoluene	12.97	165	153625	41.11	nq	# 91
57) Fluorene	13.47	166	512558	38.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	98685	40.92	nq	98
59) Diethylphthalate	13.37	149	477694	34.96	nq	98
60) 4-Chlorophenyl-phenylether	13.50	204	225783	38.66	nq	90
61) 4-Nitroaniline	13.57	138	96480	33.67	nq	97
62) Azobenzene	13.75	77	458890	41.80	nq	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	53981	27.19	nq	# 65
65) n-Nitrosodiphenylamine	13.70	169	438391	40.78	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	124516	39.79	nq	99
67) Hexachlorobenzene	14.36	284	123525	38.52	nq	# 86
68) Atrazine	14.62	200	127893	42.14	nq	96
69) Pentachlorophenol	14.71	266	103537	72.03	nq	97
70) Phenanthrene	15.01	178	678579	39.87	nq	98
71) Anthracene	15.09	178	709850	40.83	nq	97
72) Carbazole	15.37	167	641326	40.55	nq	98
73) Di-n-butylphthalate	15.94	149	804410	40.78	nq	99
74) Fluoranthene	16.75	202	648873	37.17	nq	98
76) Benzidine	16.97	184	277600	48.97	nq	# 92
77) Pyrene	17.05	202	639328	40.92	nq	100
79) Butylbenzylphthalate	17.96	149	303813	41.80	nq	90
80) Benzo(a)anthracene	18.62	228	478705	39.37	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	119600	28.48	nq	# 98
82) Chrysene	18.67	228	443912	37.76	nq	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	427271	41.26	nq	# 99
84) Di-n-octyl phthalate	19.47	149	655800	38.63	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	398645	41.75	nq	99
87) Benzo(b)fluoranthene	19.89	252	464769	41.02	nq	98
88) Benzo(k)fluoranthene	19.92	252	402741	36.85	nq	96
89) Benzo(a)pyrene	20.25	252	420209	40.19	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	336045	38.92	nq	98
91) Benzo(g,h,i)perylene	21.97	276	323194	38.14	nq	96

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

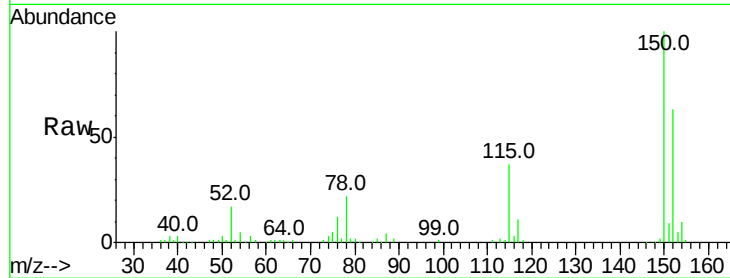


#1

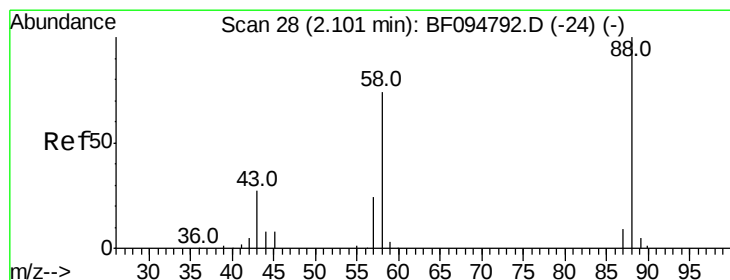
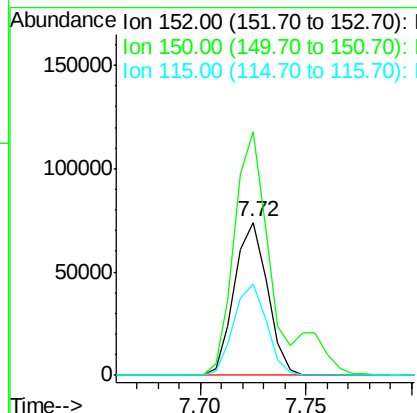
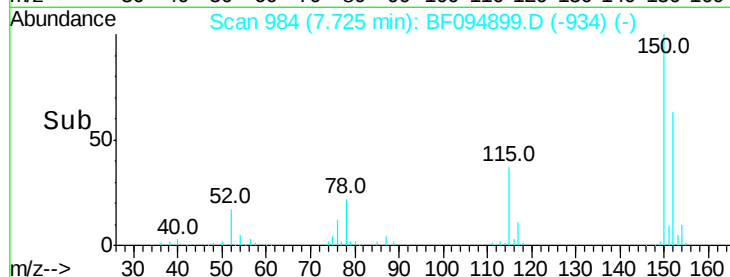
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80422
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 59.4 52.2 78.2



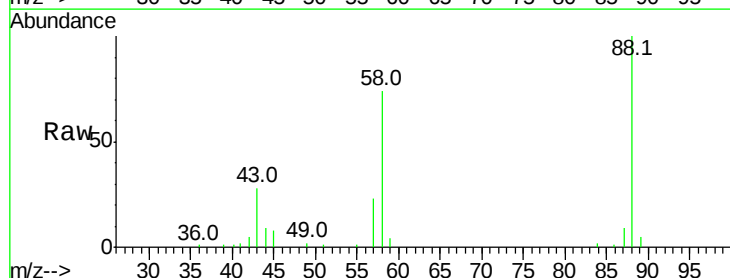
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



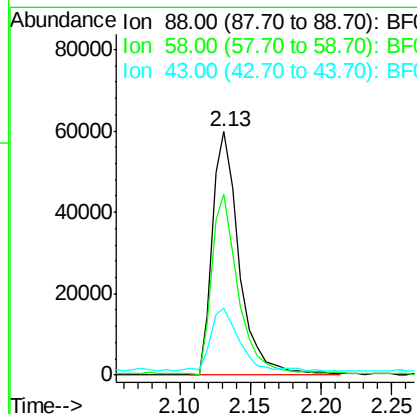
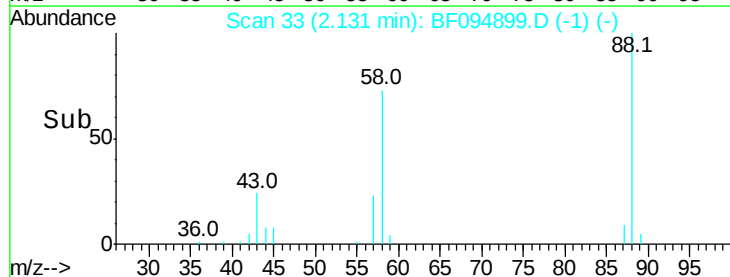
#2

1,4-Dioxane
Concen: 33.44 ng
RT: 2.13 min Scan# 33
Delta R.T. 0.03 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion: 88 Resp: 79107
Ion Ratio Lower Upper
88 100
58 71.2 61.4 92.0
43 26.6 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

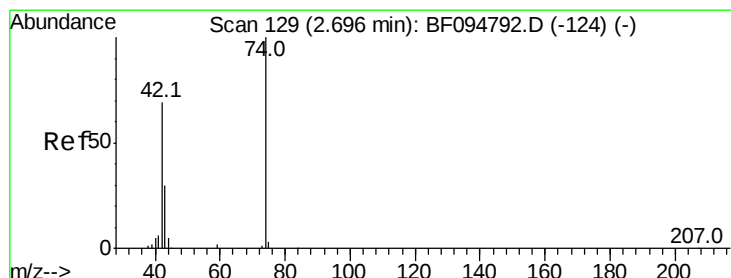
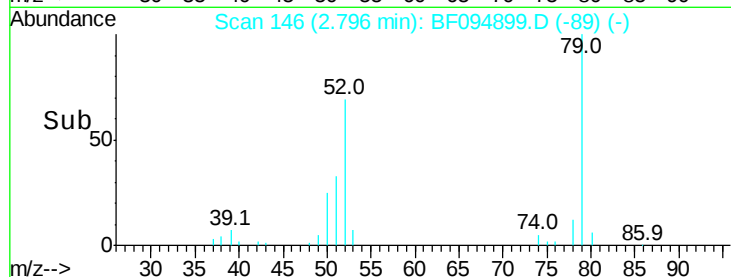
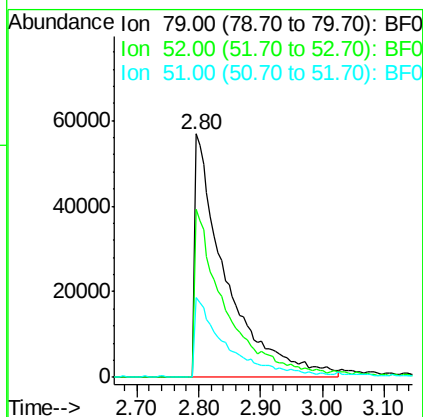
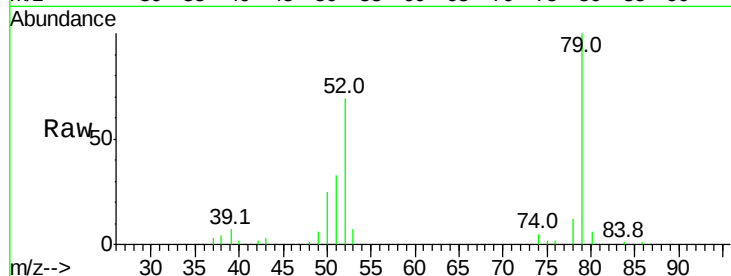




#3
 Pvridine
 Concen: 36.40 ng
 RT: 2.80 min Scan# 146
 Delta R.T. 0.04 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

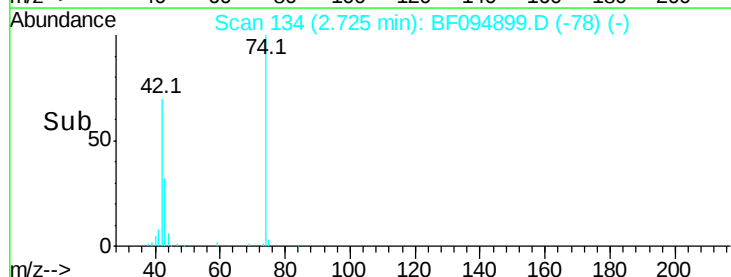
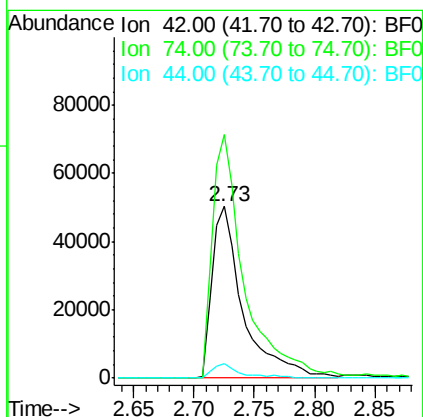
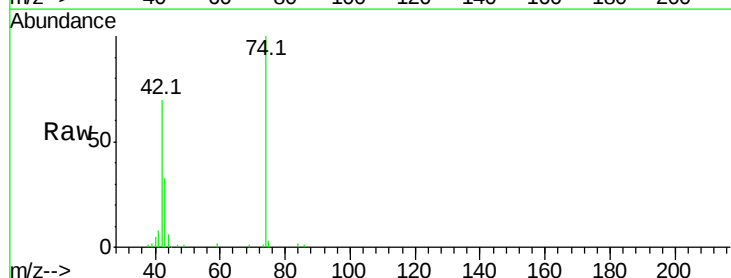
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 199559
 Ion Ratio Lower Upper
 79 100
 52 68.8 54.8 82.2
 51 32.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 39.10 ng
 RT: 2.73 min Scan# 134
 Delta R.T. 0.03 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion: 42 Resp: 89365
 Ion Ratio Lower Upper
 42 100
 74 142.0 103.9 155.9
 44 8.2 5.7 8.5





#5

2-Fluorophenol

Concen: 116.02 ng

RT: 5.68 min Scan# 636

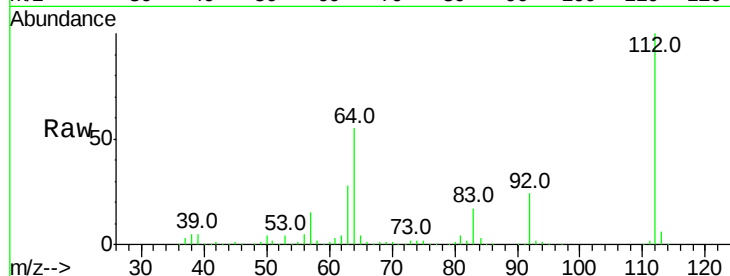
Delta R.T. 0.00 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :
BNA_F
ClientSampled :

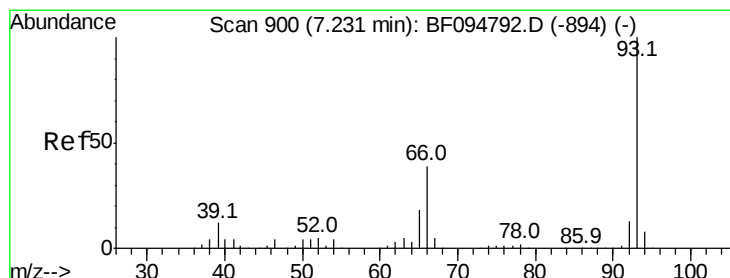
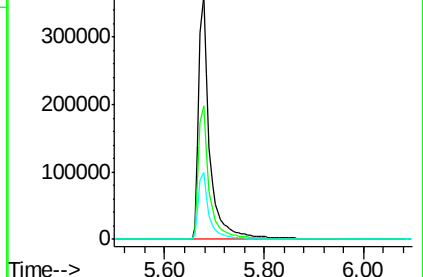
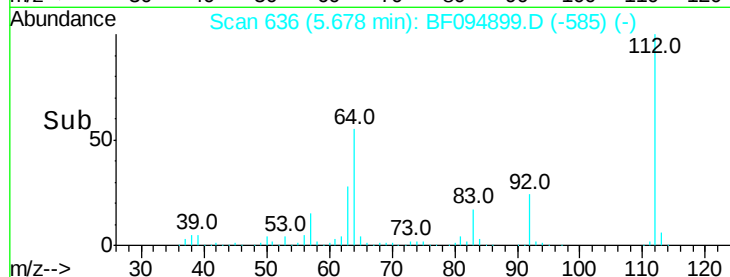
Tot Ion:	112	Resp:	559669
Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	27.5	23.4	35.0



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: 14.94 ng

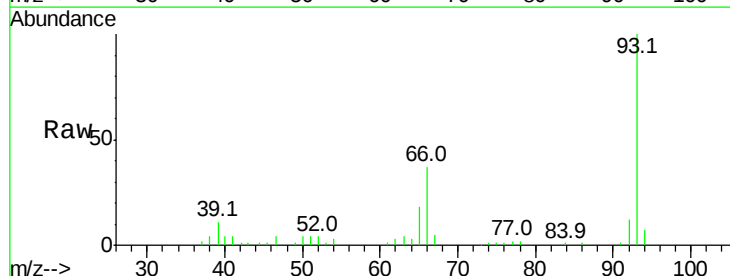
RT: 7.22 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

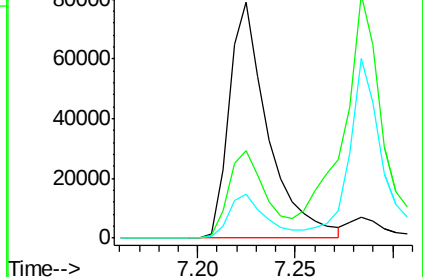
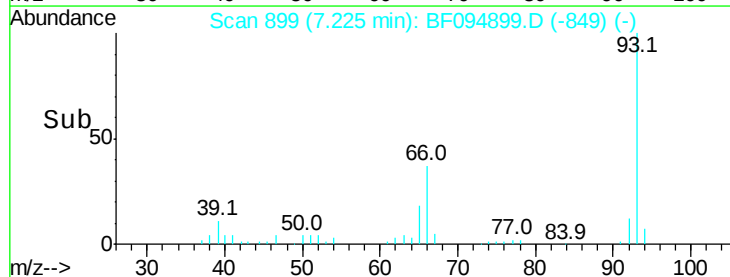
Tgt Ion:	93	Resp:	109147
Ion	Ratio	Lower	Upper
93	100		
66	37.3	32.9	49.3
65	18.4	16.0	24.0



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: 113.88 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

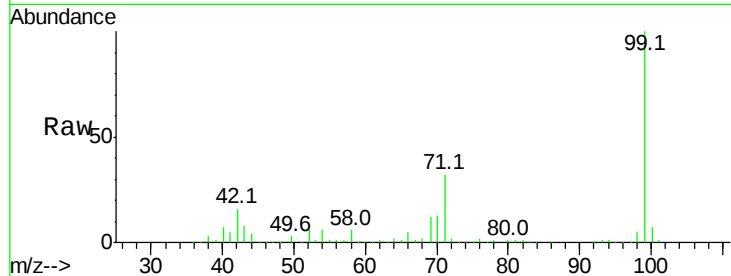
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 659087

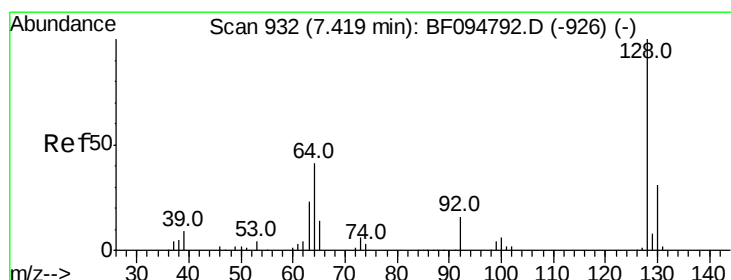
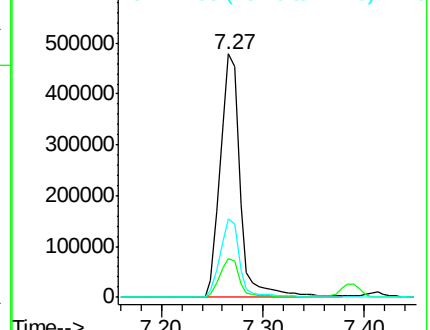
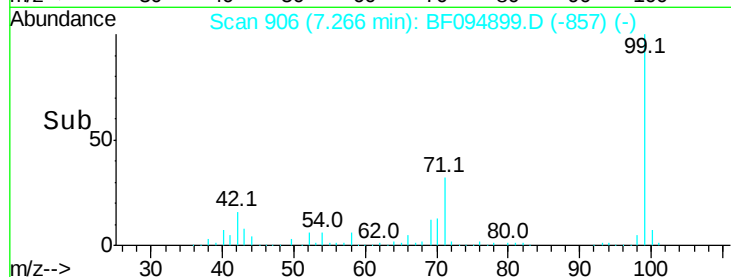
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	32.1	24.5	36.7



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: 43.74 ng

RT: 7.41 min Scan# 931

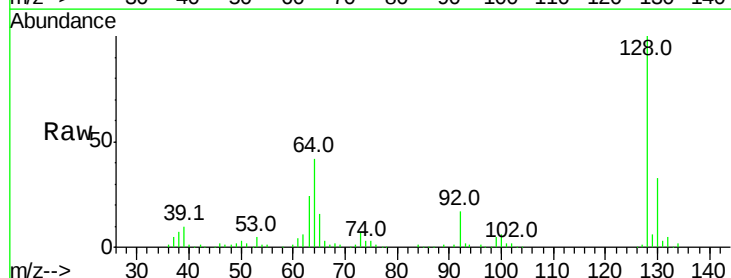
Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Tgt Ion: 128 Resp: 240150

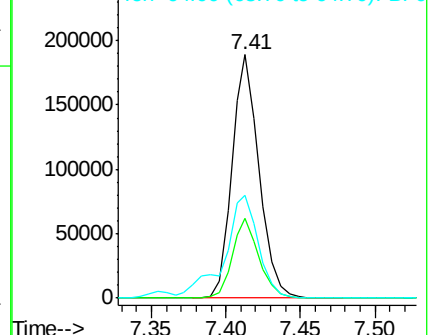
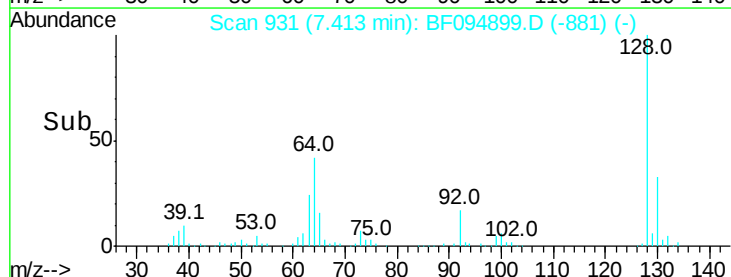
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	42.5	28.4	68.4



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: 9.61 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampled :

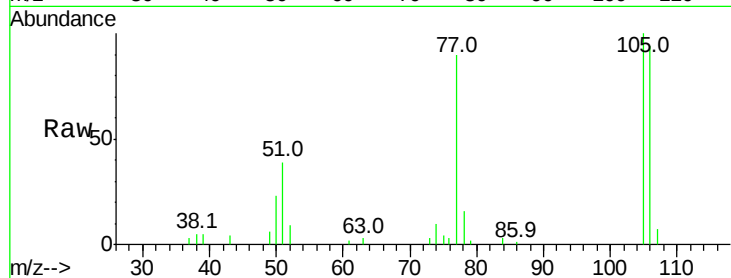
Tot Ion: 77 Resp: 33948

Ion Ratio Lower Upper

77 100

105 111.0 83.8 123.8

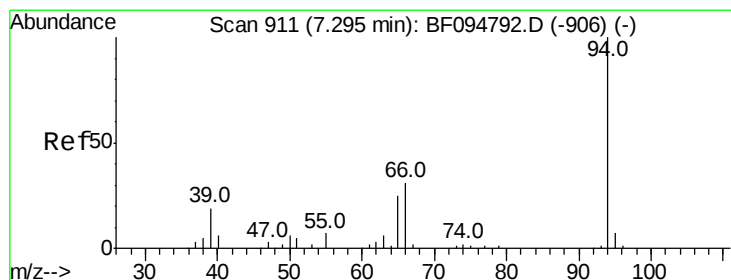
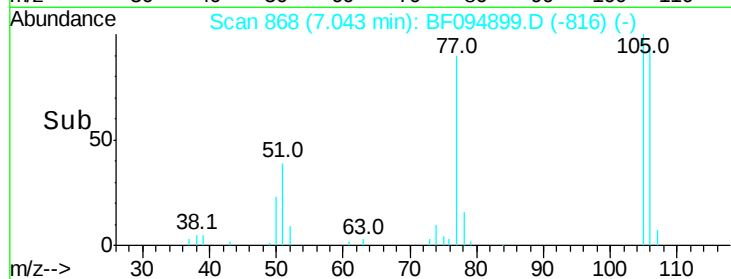
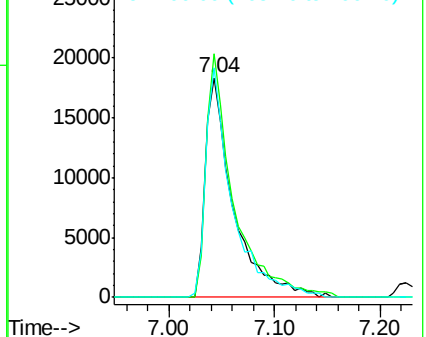
106 104.8 79.1 119.1



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: 43.94 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

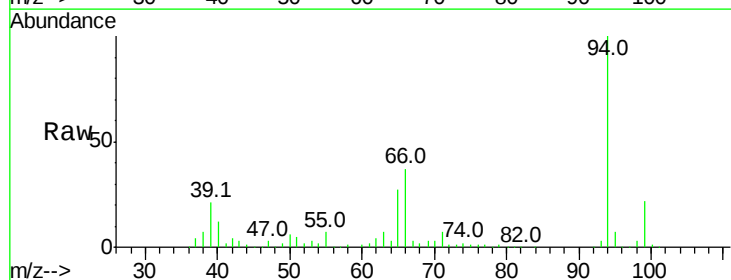
Tgt Ion: 94 Resp: 268009

Ion Ratio Lower Upper

94 100

65 27.3 9.9 49.9

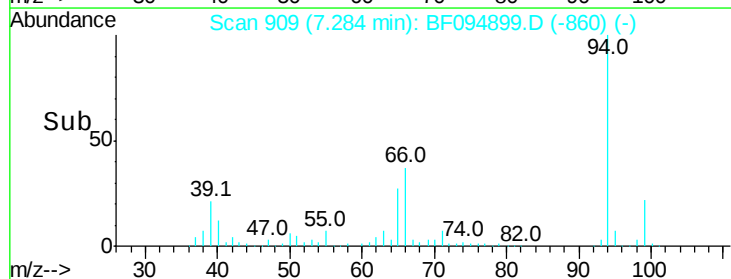
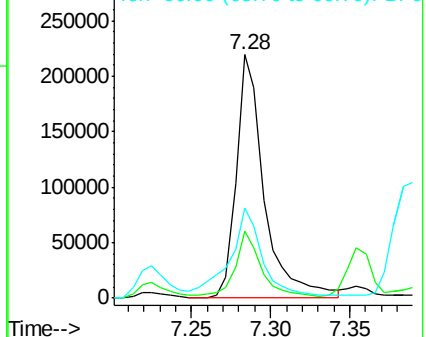
66 37.1 23.1 63.1



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: 41.03 ng

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampled :

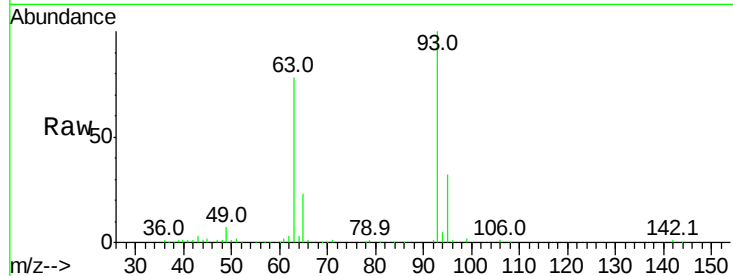
Tot Ion: 93 Resp: 206597

Ion Ratio Lower Upper

93 100

63 77.6 59.2 99.2

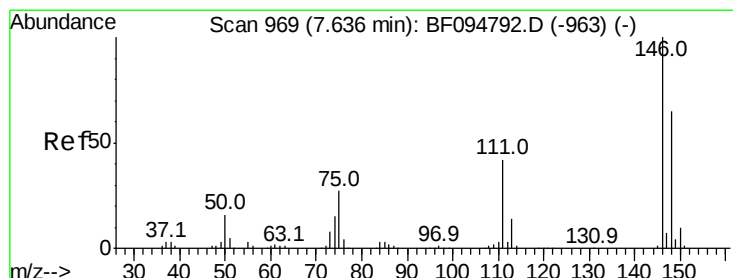
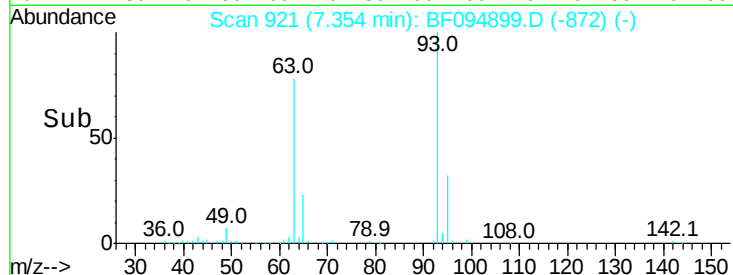
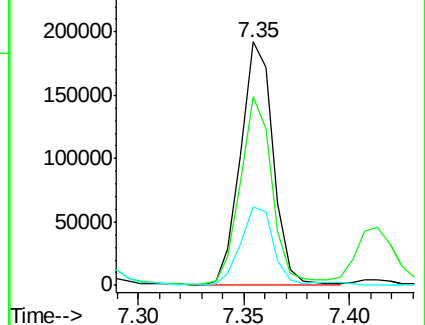
95 32.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.32 ng

RT: 7.62 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

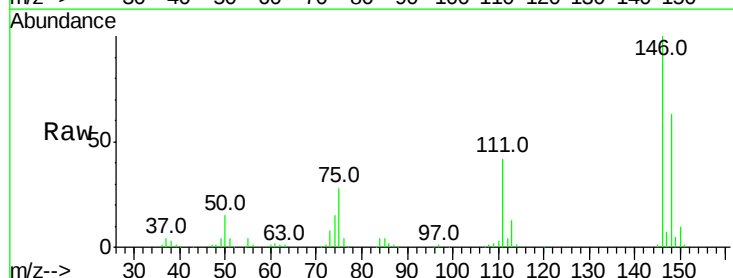
Tgt Ion: 146 Resp: 232457

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

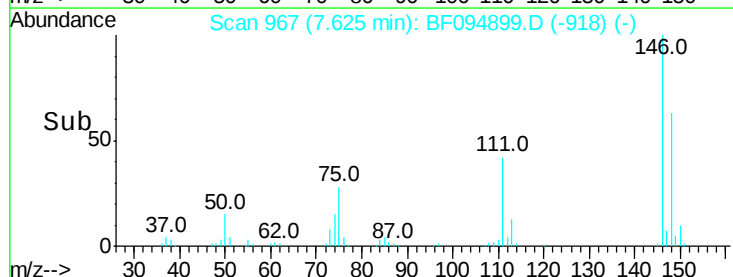
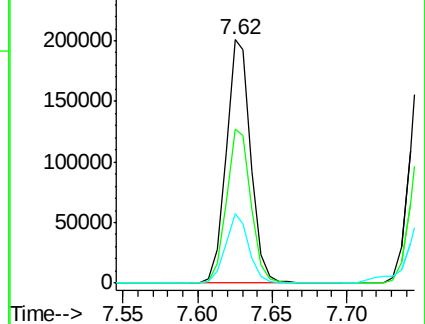
75 28.5 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.63 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

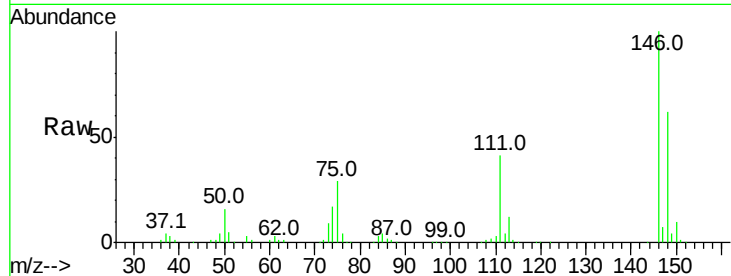
Tot Ion:146 Resp: 237666

Ion Ratio Lower Upper

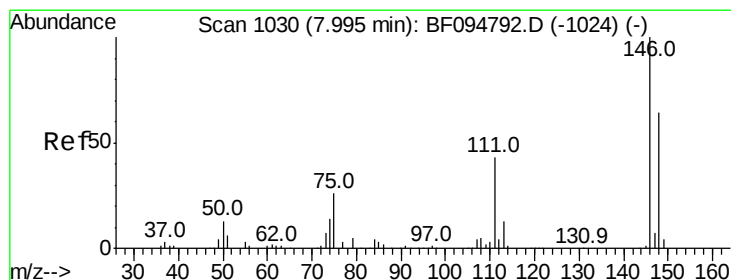
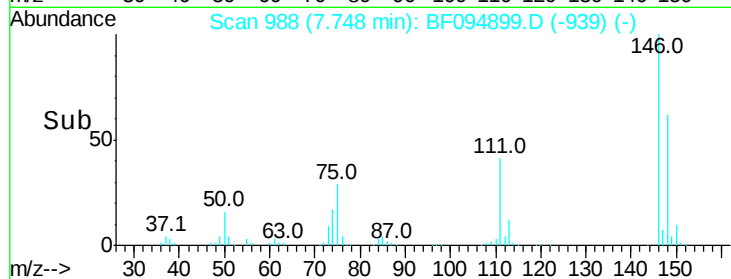
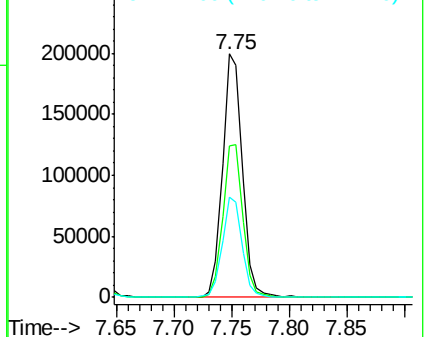
146 100

148 62.4 52.2 78.2

111 41.0 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 38.23 ng

RT: 7.98 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

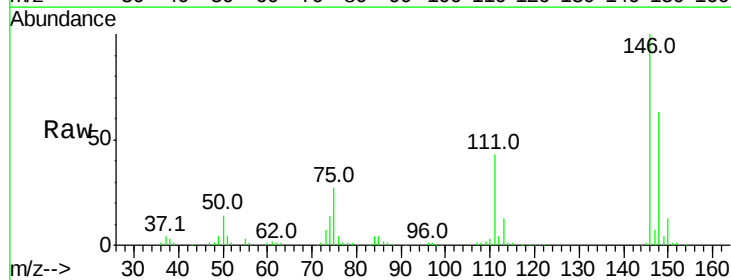
Tgt Ion:146 Resp: 225414

Ion Ratio Lower Upper

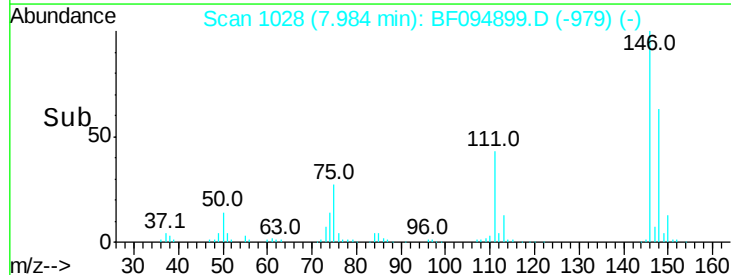
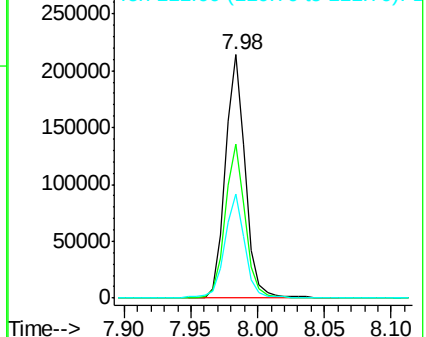
146 100

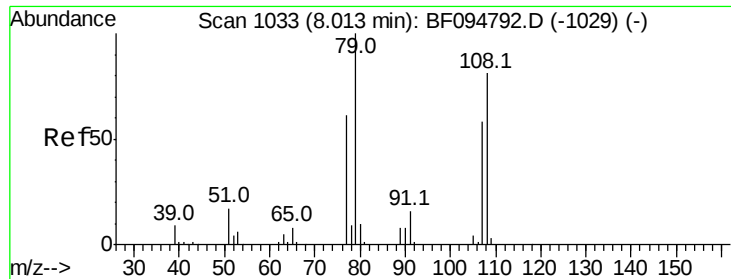
148 63.3 50.4 75.6

111 42.5 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

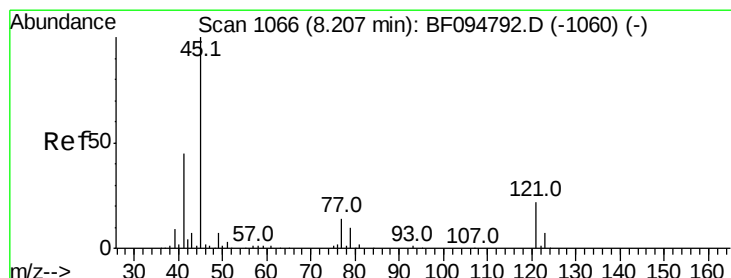
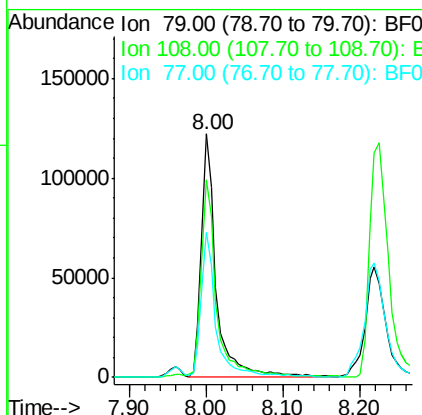
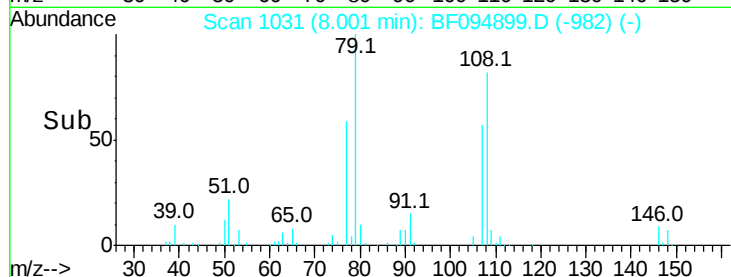
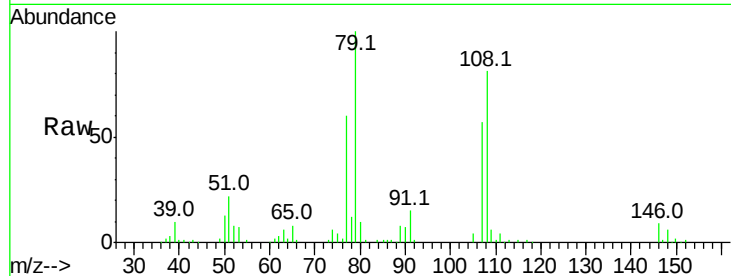




#15
Benzyl Alcohol
Concen: 45.20 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

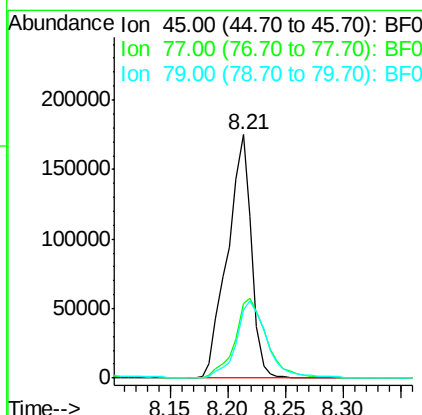
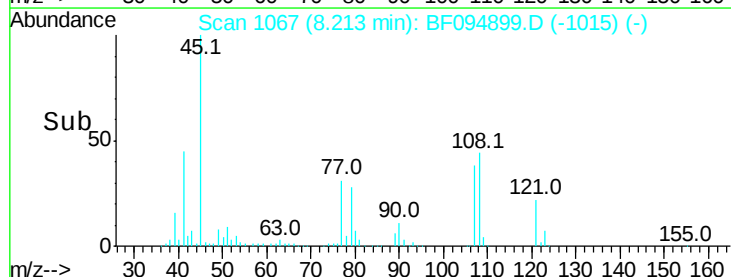
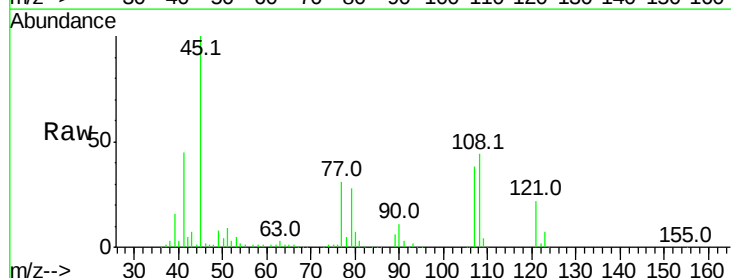
Instrument :
BNA_F
ClientSampleId :

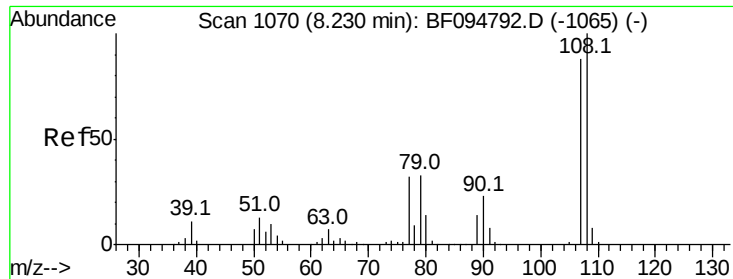
Tot Ion: 79 Resp: 168255
Ion Ratio Lower Upper
79 100
108 81.0 63.4 95.0
77 59.7 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.16 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion: 45 Resp: 250577
Ion Ratio Lower Upper
45 100
77 30.9 0.0 33.2
79 28.3 0.0 30.0

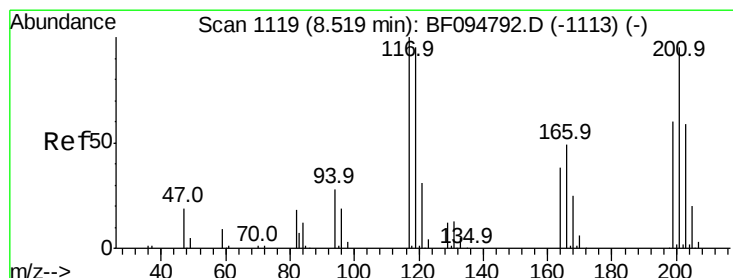
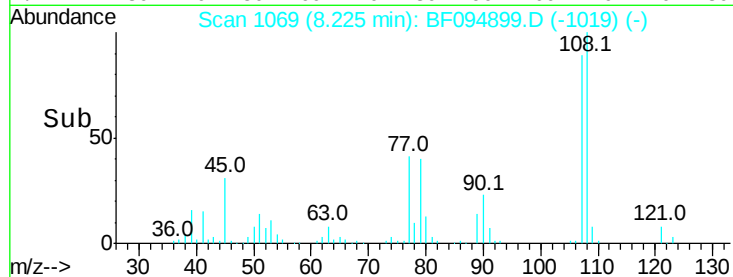
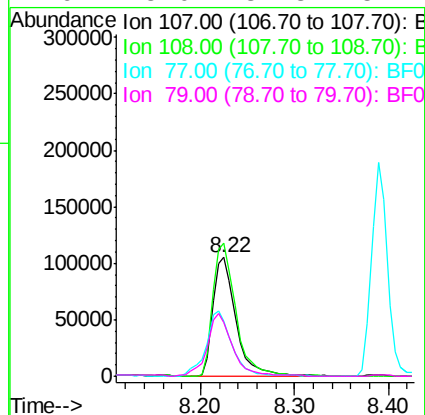
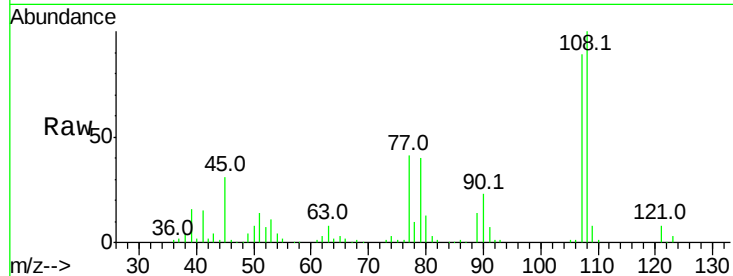




#17
 2-Methylphenol
 Concen: 40.43 ng
 RT: 8.22 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

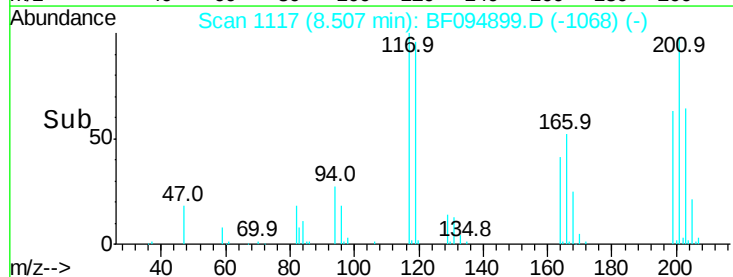
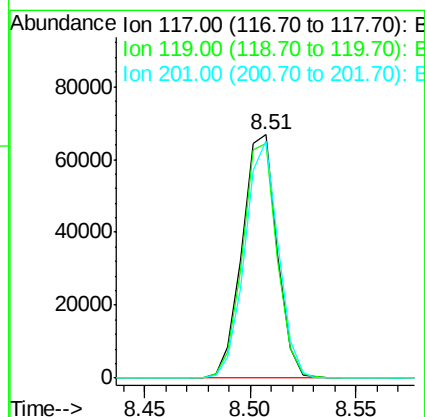
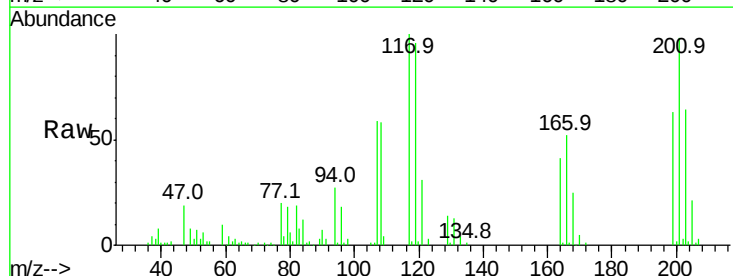
Instrument :
 BNA_F
 ClientSampleId :

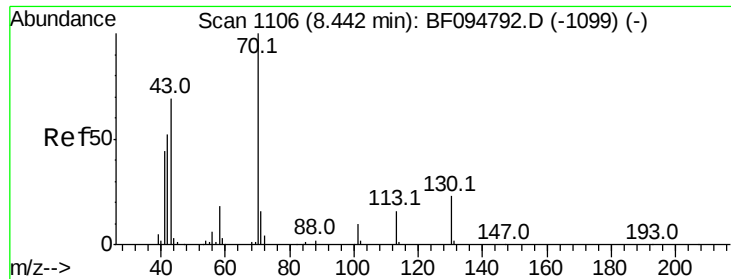
Tot Ion:	107	Resp:	181664
Ion	Ratio	Lower	Upper
107	100		
108	111.9	93.4	140.0
77	46.2	35.8	53.6
79	45.0	34.8	52.2



#18
 Hexachloroethane
 Concen: 35.72 ng
 RT: 8.51 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion:	117	Resp:	76430
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	97.6	94.6	141.8

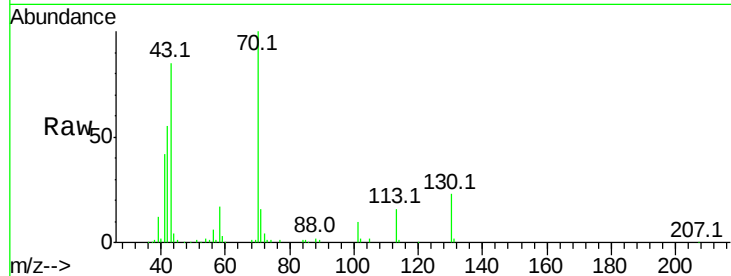




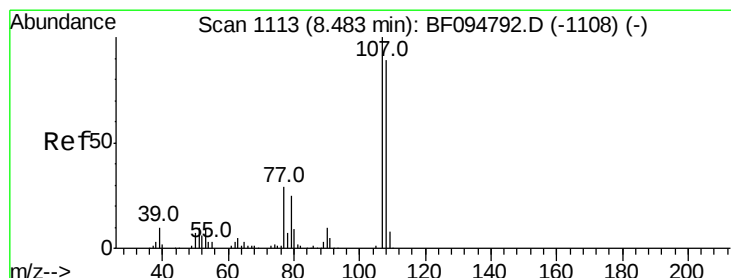
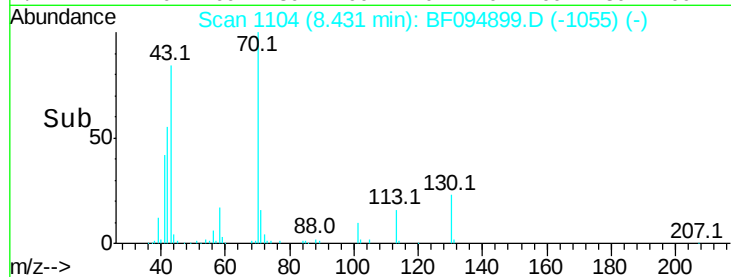
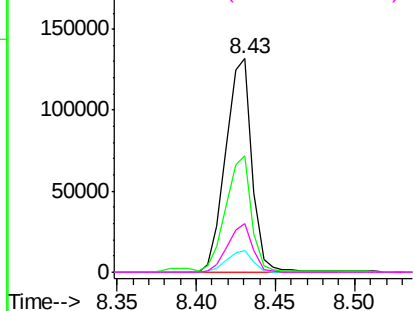
#19
n-Nitroso-di-n-propylamine
Concen: 38.82 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 151965
Ion Ratio Lower Upper
70 100
42 54.5 47.2 70.8
101 10.3 7.2 10.8
130 22.9 15.9 23.9

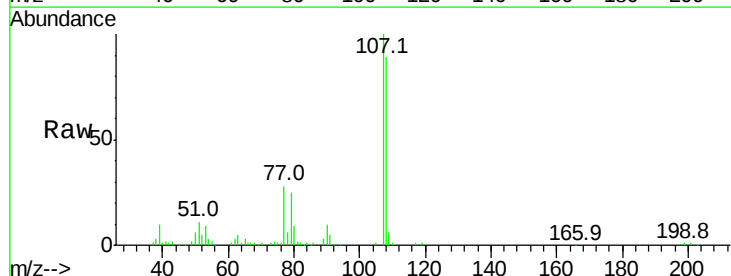


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

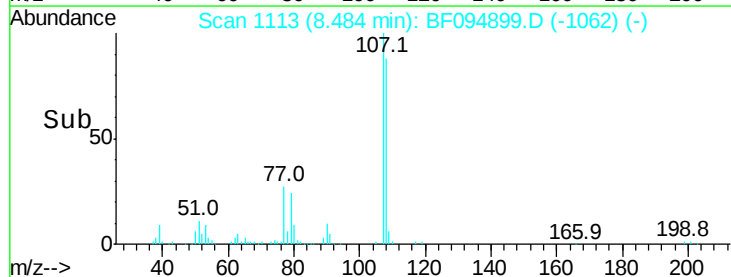
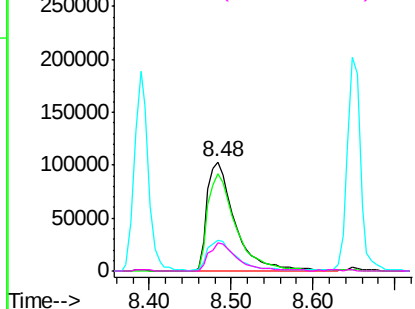


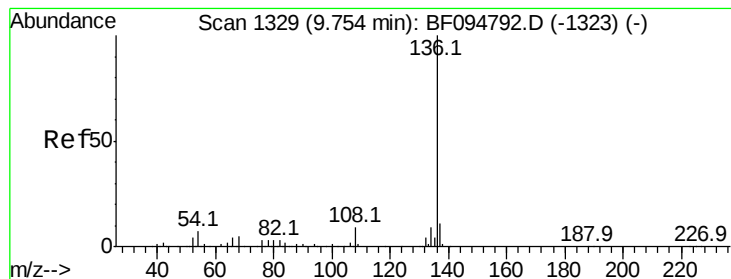
#20
3+4-Methylphenols
Concen: 40.17 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion:107 Resp: 245231
Ion Ratio Lower Upper
107 100
108 88.8 71.0 111.0
77 28.4 90.5 130.5#
79 25.4 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 368677

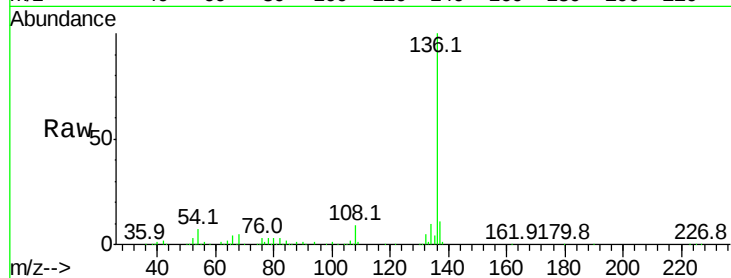
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.2 4.1 6.1

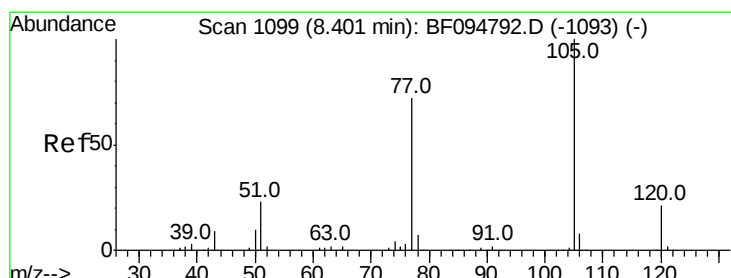
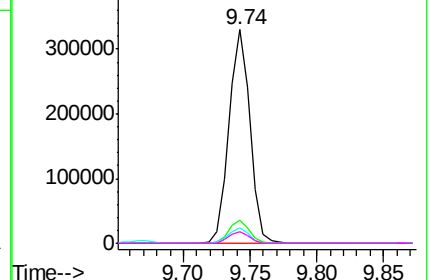
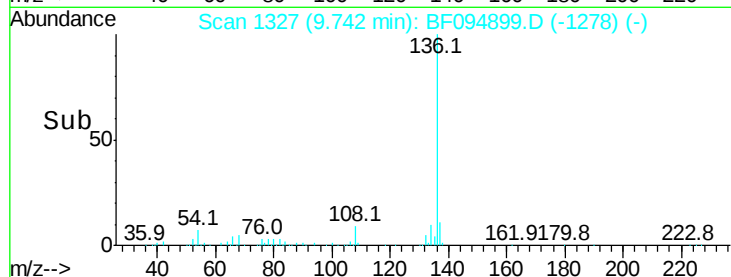


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.87 ng

RT: 8.39 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Tgt Ion:105 Resp: 308471

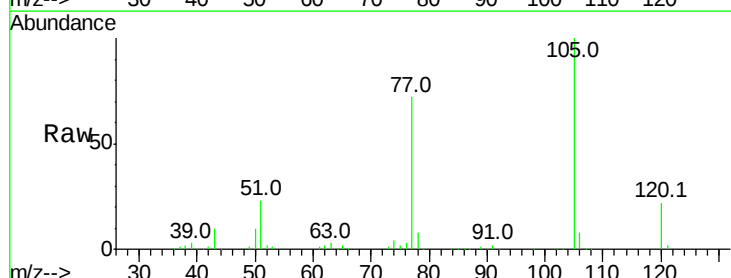
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.0 30.7 46.1#

120 22.3 17.4 26.0

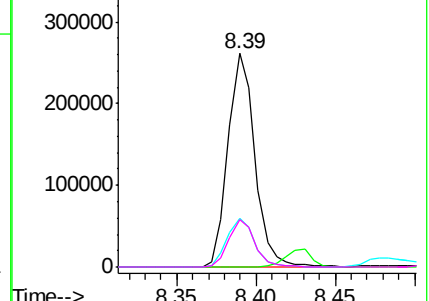
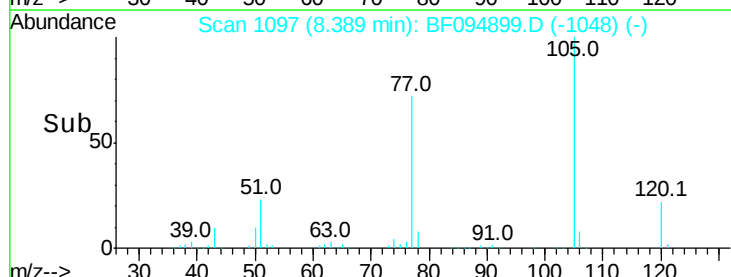


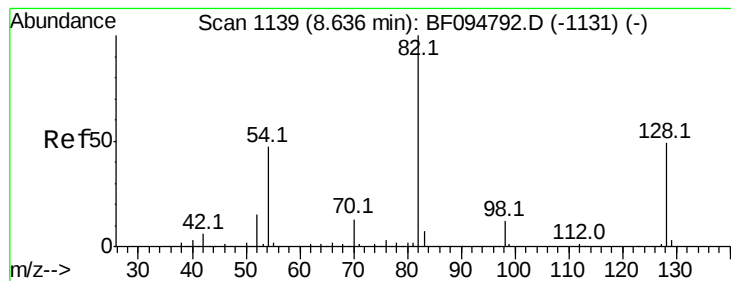
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 65.77 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :
BNA_F
ClientSampleId :

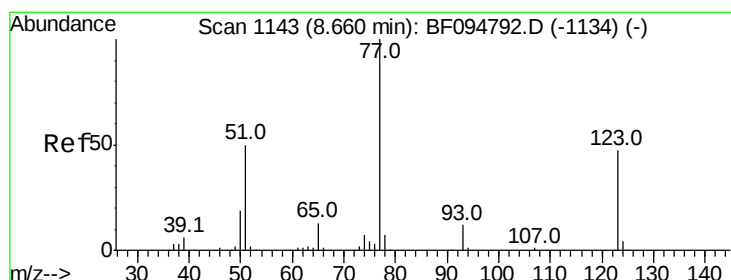
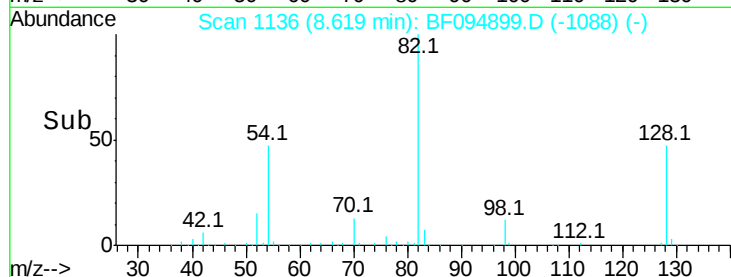
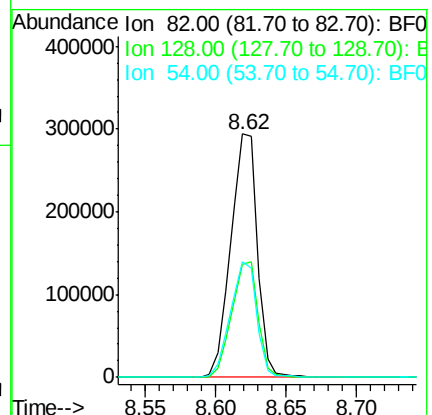
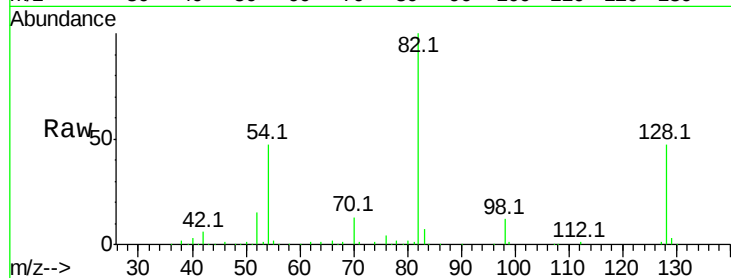
Tot Ion: 82 Resp: 384519

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

54 47.5 42.2 63.2



#24

Nitrobenzene

Concen: 37.53 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

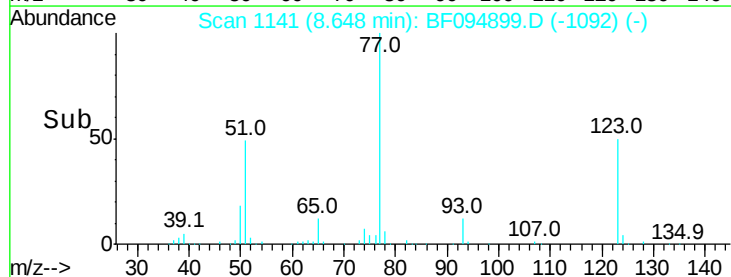
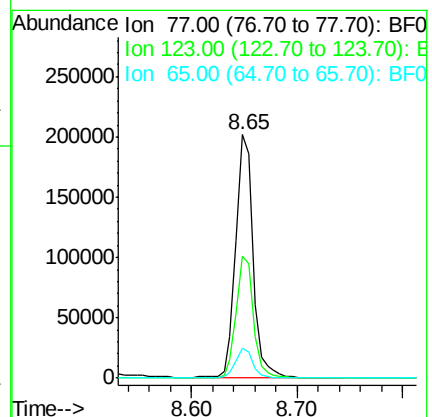
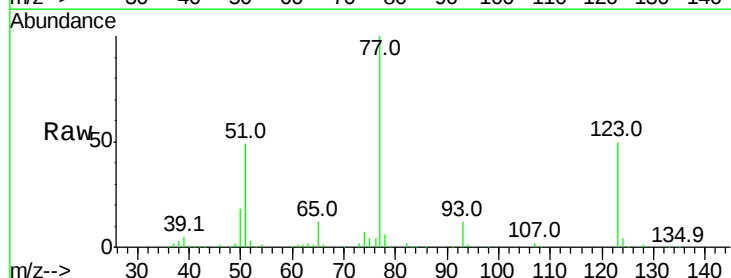
Tgt Ion: 77 Resp: 229982

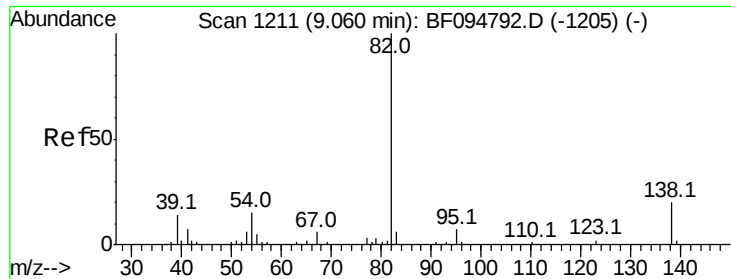
Ion Ratio Lower Upper

77 100

123 49.9 35.8 53.8

65 12.5 10.6 15.8

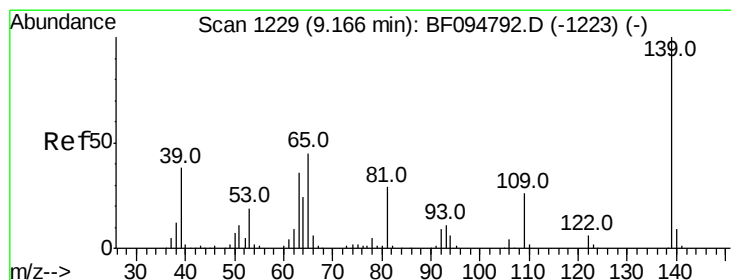
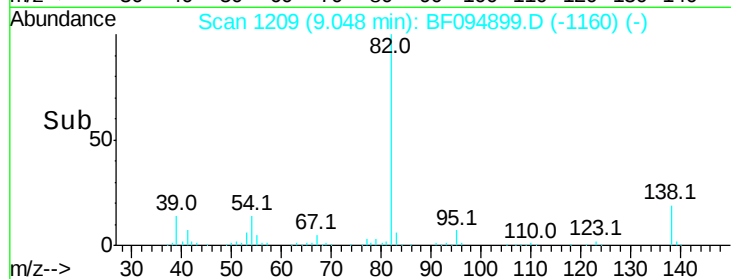
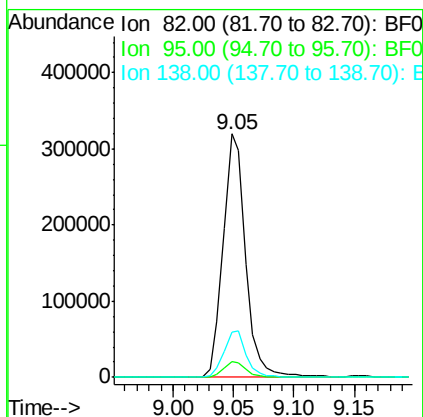
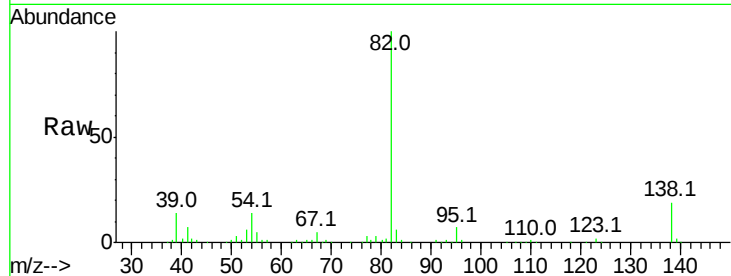




#25
Isophorone
Concen: 39.47 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

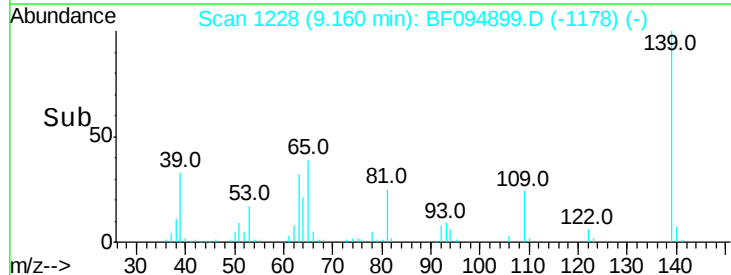
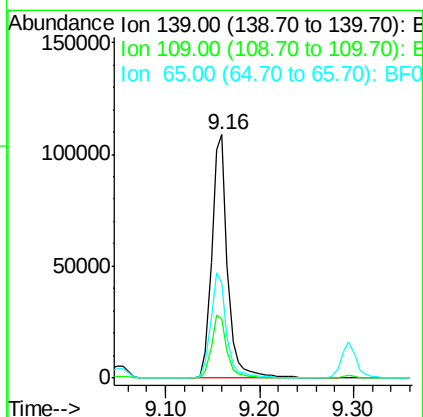
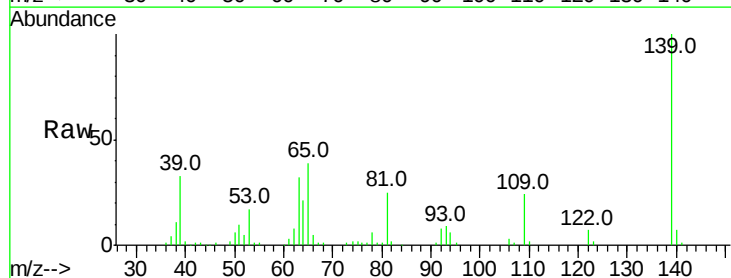
Instrument :
BNA_F
ClientSampleId :

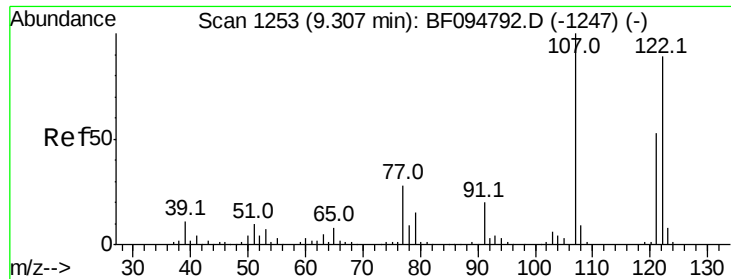
Tot Ion: 82 Resp: 412085
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.8 13.1 19.7



#26
2-Nitrophenol
Concen: 39.35 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion:139 Resp: 130110
Ion Ratio Lower Upper
139 100
109 24.4 21.0 31.6
65 39.0 33.0 49.6

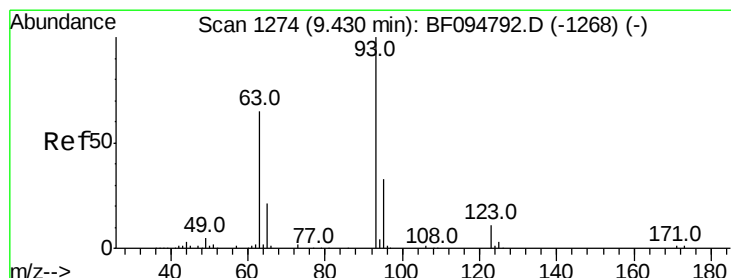
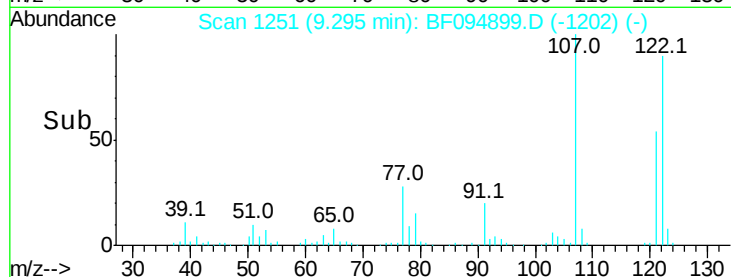
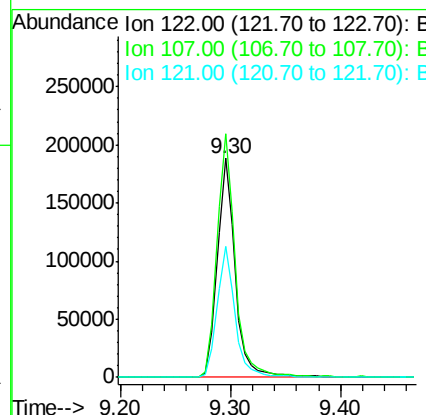
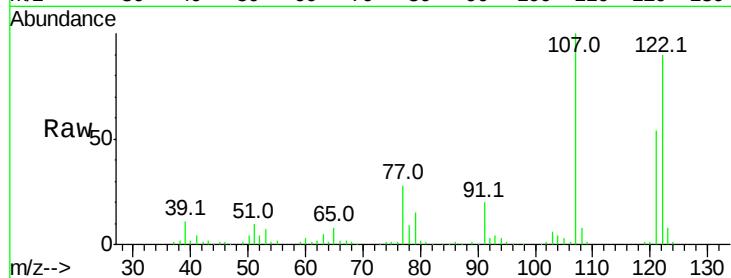




#27
 2,4-Dimethylphenol
 Concen: 39.25 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

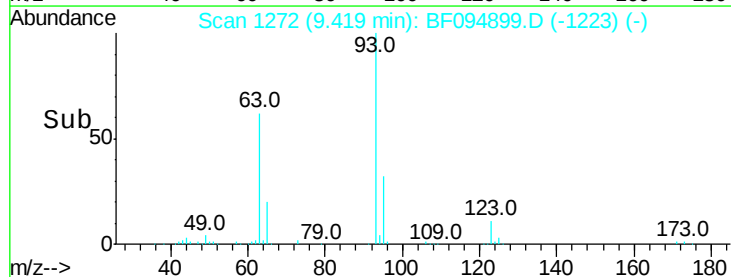
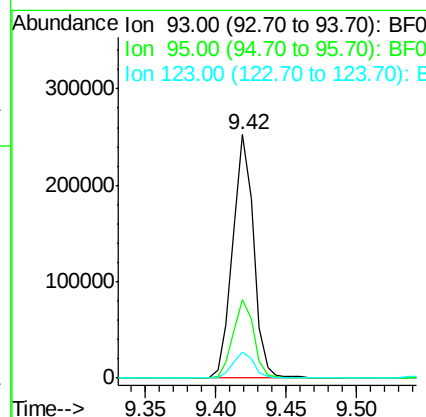
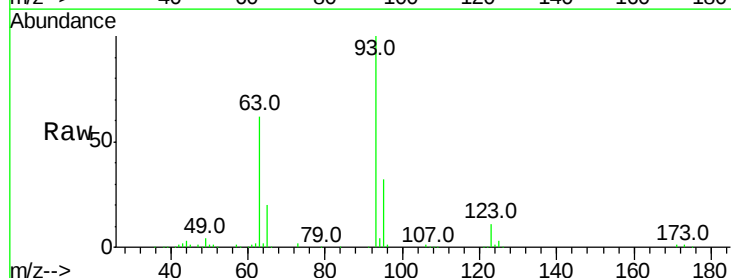
Instrument :
 BNA_F
 ClientSampleId :

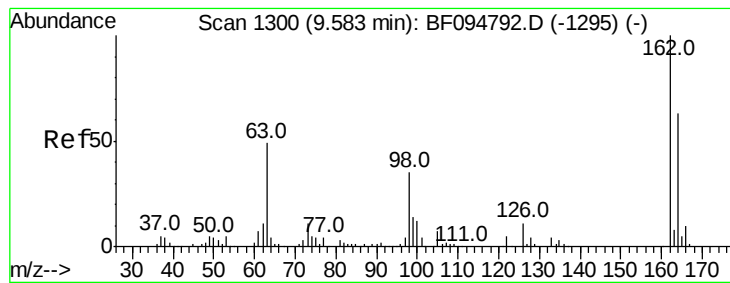
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	89.2	133.8
121	60.0	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.16 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	10.9	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 40.94 ng

RT: 9.58 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

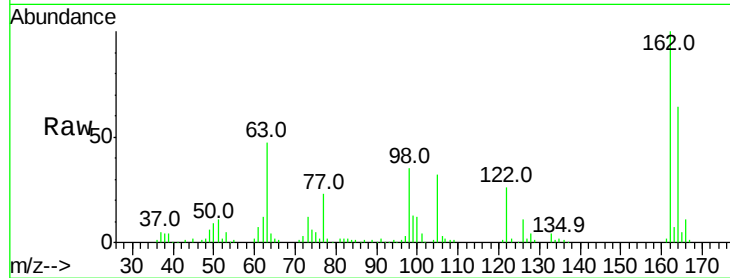
Tot Ion:162 Resp: 206684

Ion Ratio Lower Upper

162 100

164 63.5 44.6 84.6

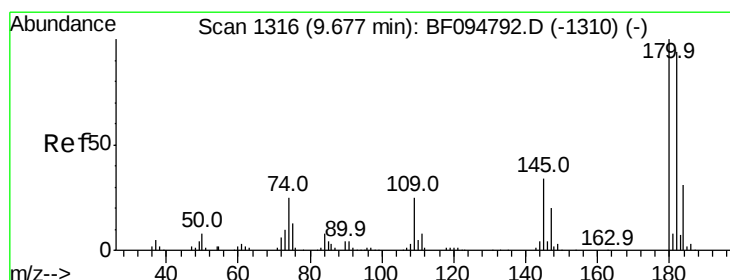
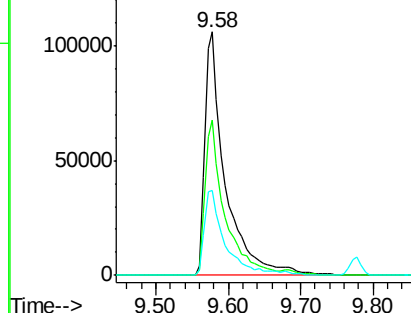
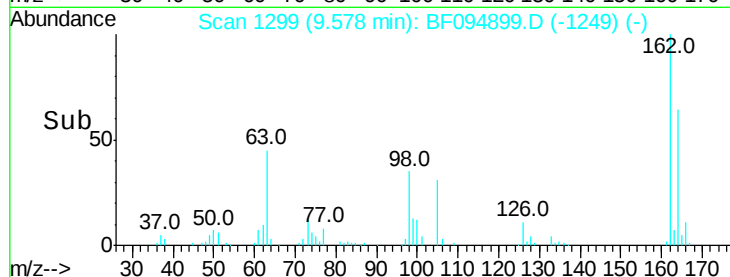
98 34.9 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.71 ng

RT: 9.67 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

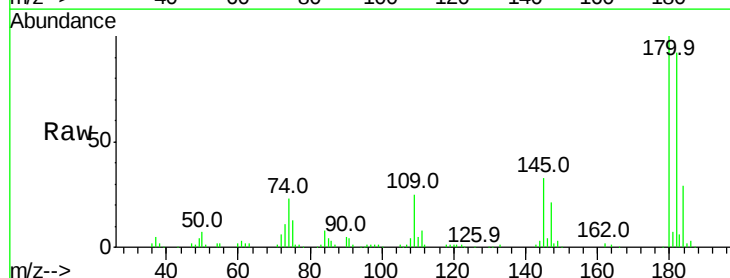
Tgt Ion:180 Resp: 203965

Ion Ratio Lower Upper

180 100

182 91.9 75.8 113.6

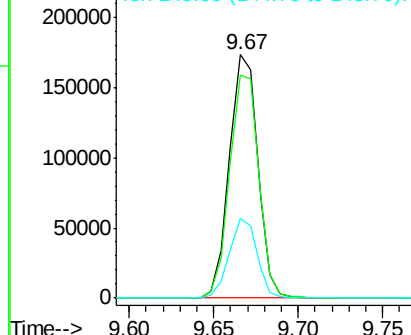
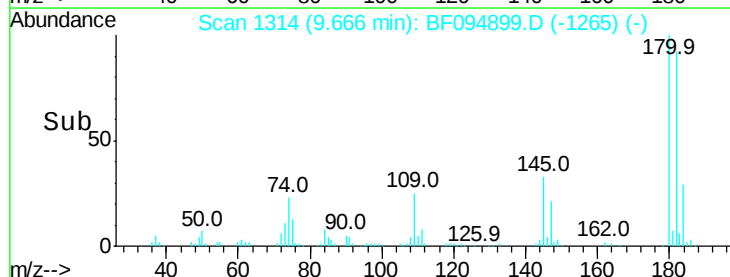
145 33.0 25.3 37.9

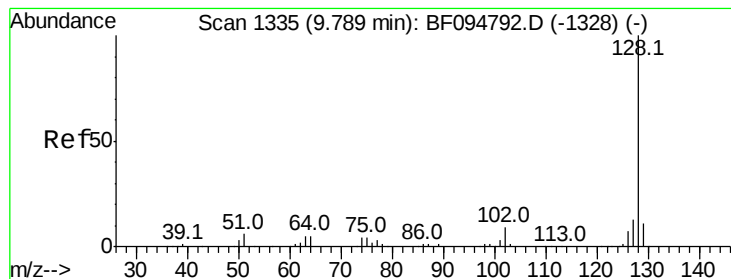


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.66 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

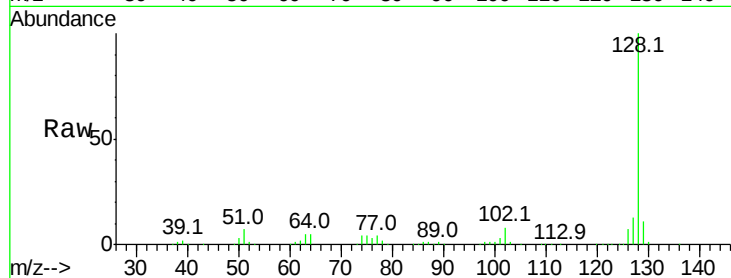
Tot Ion:128 Resp: 697735

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

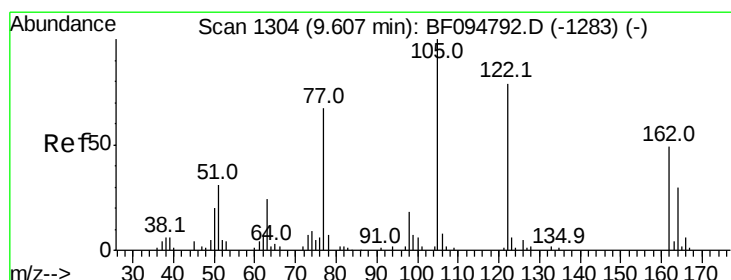
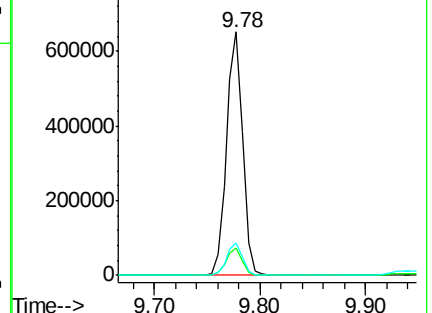
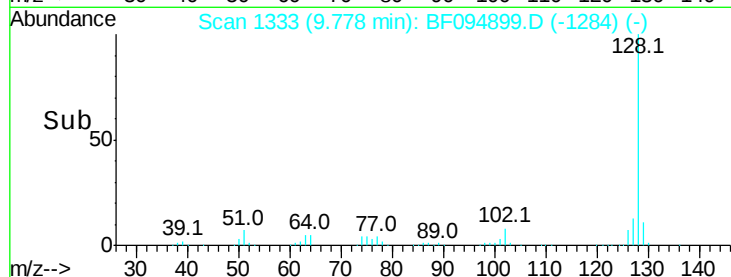
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.94 ng

RT: 9.60 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

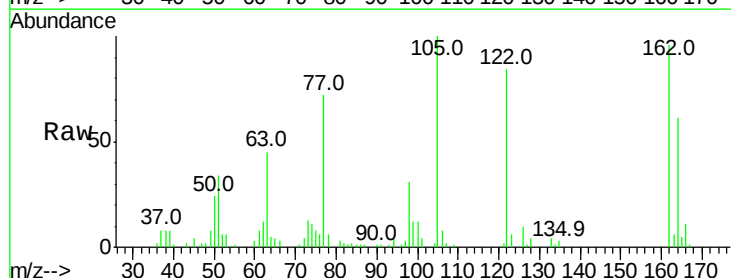
Tgt Ion:122 Resp: 128996

Ion Ratio Lower Upper

122 100

105 119.2 103.3 143.3

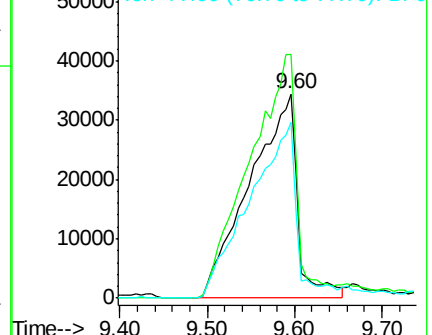
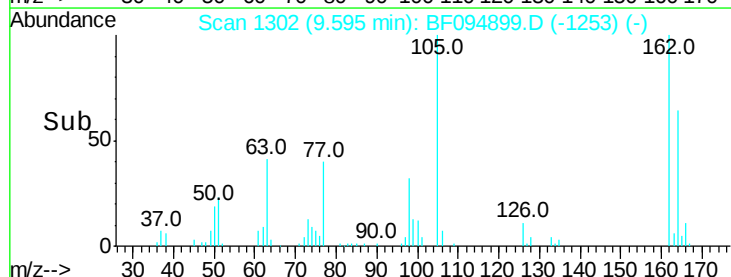
77 86.2 73.7 113.7

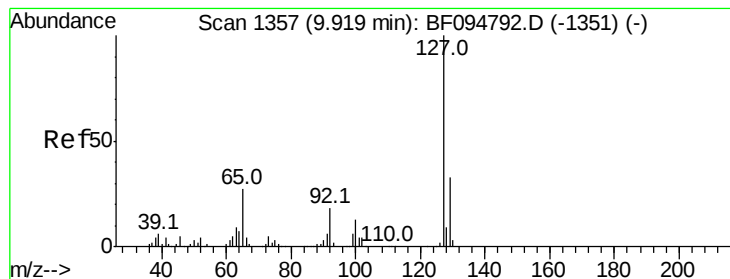


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 5.62 ng

RT: 9.94 min Scan# 1360

Delta R.T. 0.02 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 38827

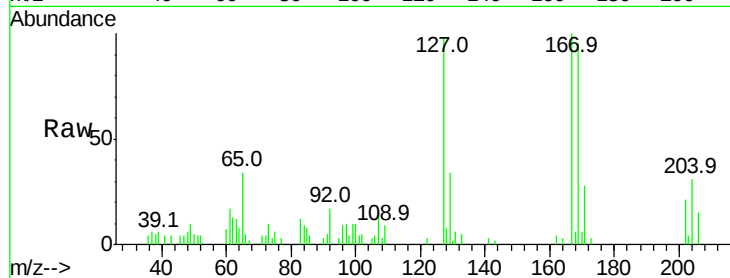
Ion Ratio Lower Upper

127 100

129 35.2 26.2 39.2

65 35.0 27.8 41.8

92 16.9 16.8 25.2

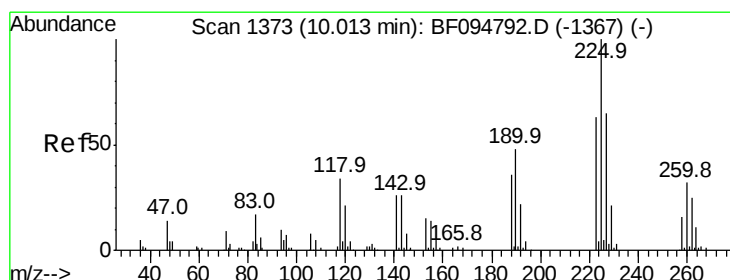
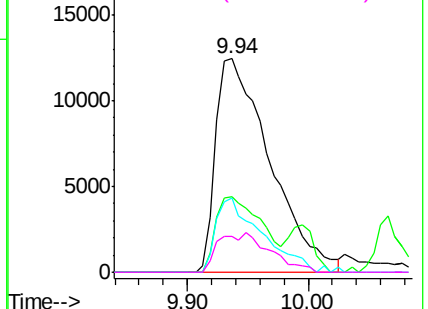
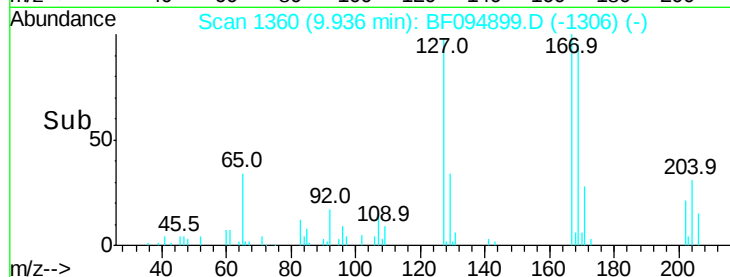


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 34.46 ng

RT: 10.00 min Scan# 1370

Delta R.T. -0.02 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

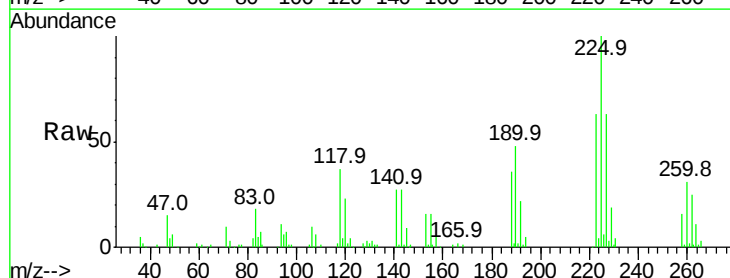
Tgt Ion:225 Resp: 98337

Ion Ratio Lower Upper

225 100

223 62.7 48.8 73.2

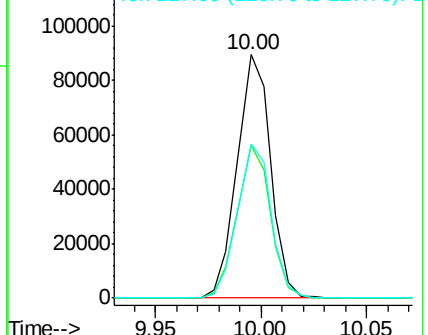
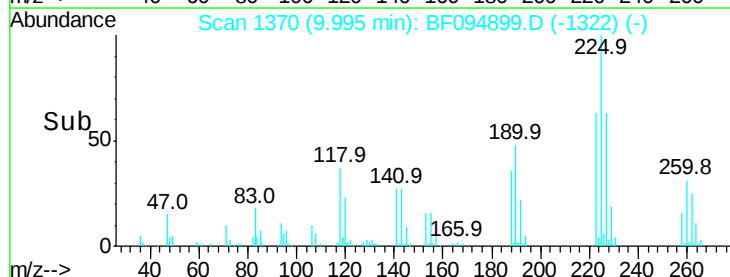
227 63.4 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 3.06 ng

RT: 10.70 min Scan# 1489

Delta R.T. 0.16 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampled :

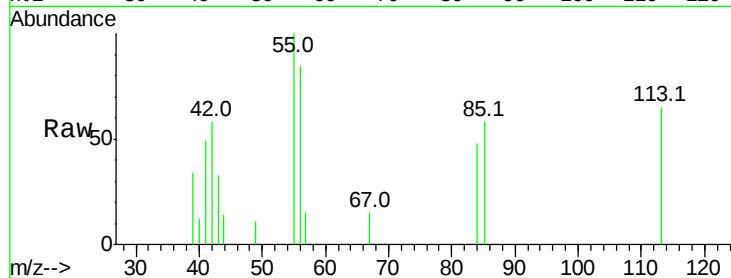
Tot Ion:113 Resp: 4646

Ion Ratio Lower Upper

113 100

55 152.7 150.2 190.2

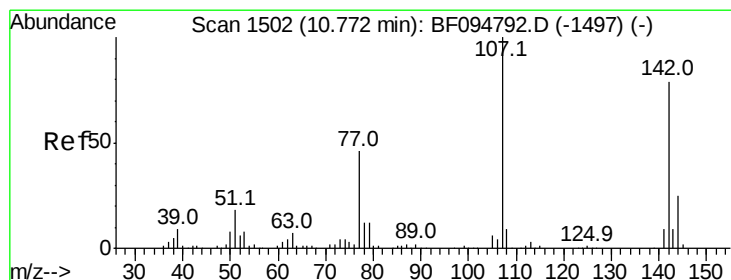
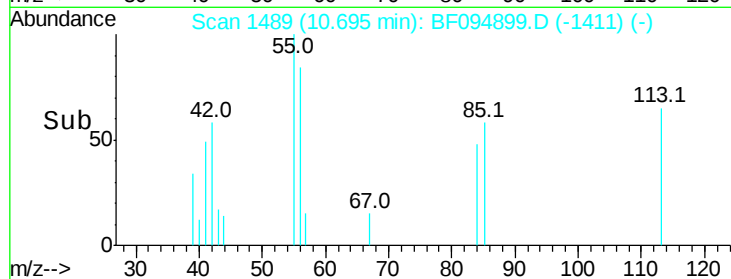
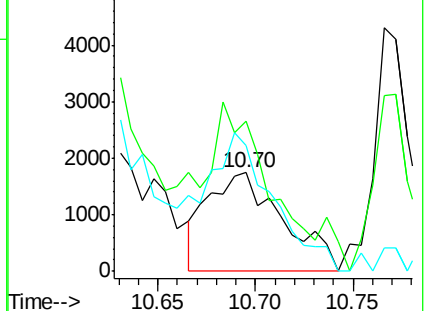
56 127.8 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.77 ng

RT: 10.77 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

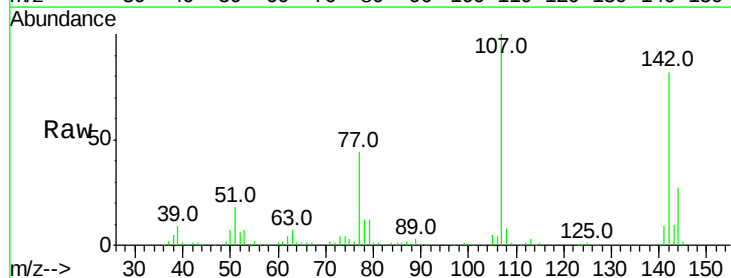
Tgt Ion:107 Resp: 203855

Ion Ratio Lower Upper

107 100

144 27.1 24.2 36.4

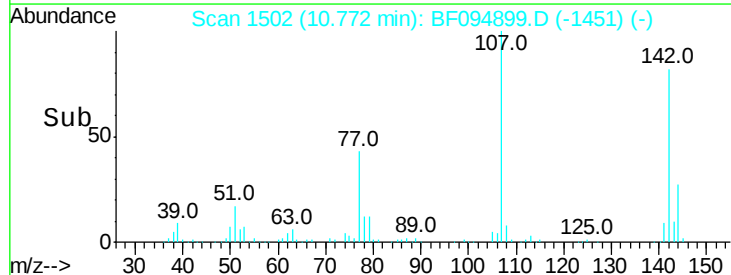
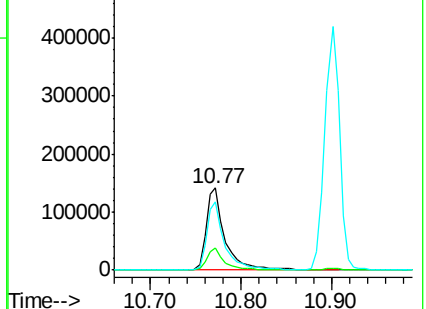
142 82.4 73.4 110.0

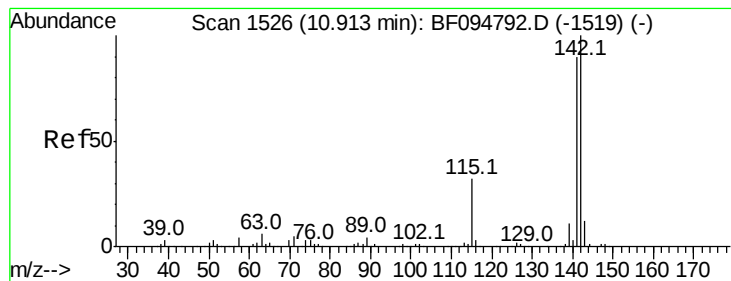


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.63 ng

RT: 10.90 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

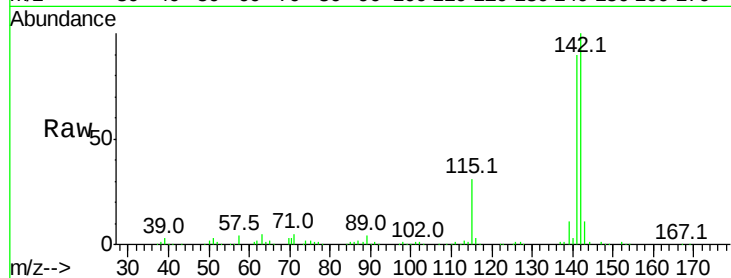
Tot Ion:142 Resp: 469816

Ion Ratio Lower Upper

142 100

141 89.8 71.3 106.9

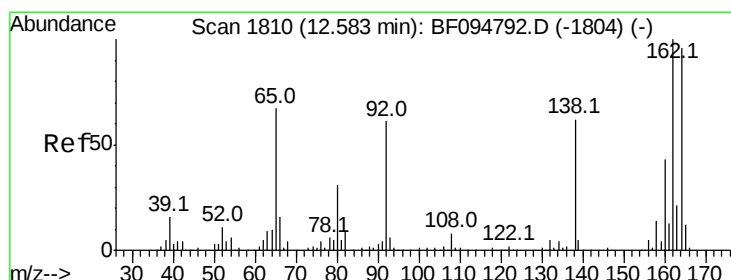
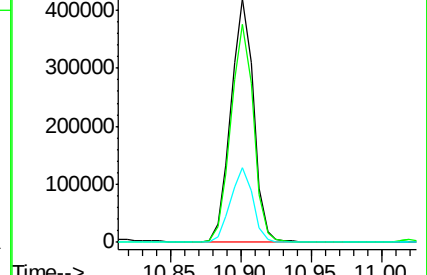
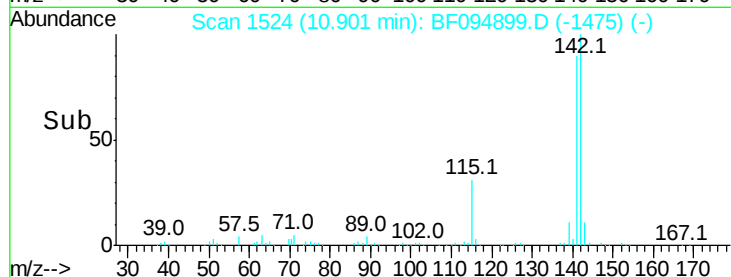
115 30.6 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

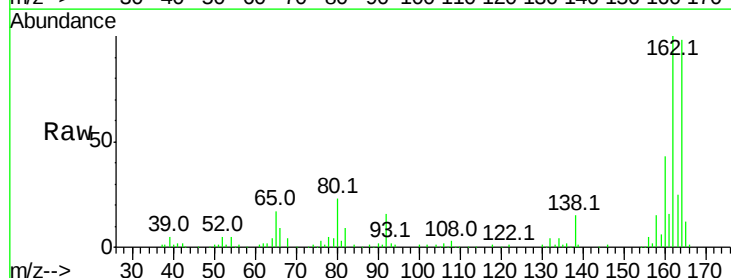
Tgt Ion:164 Resp: 173648

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

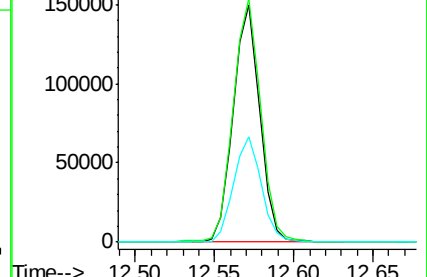
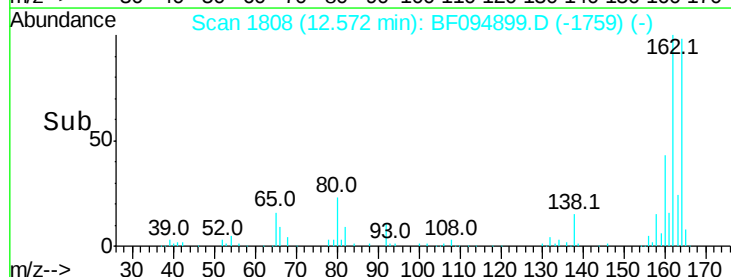
160 44.2 36.2 54.2

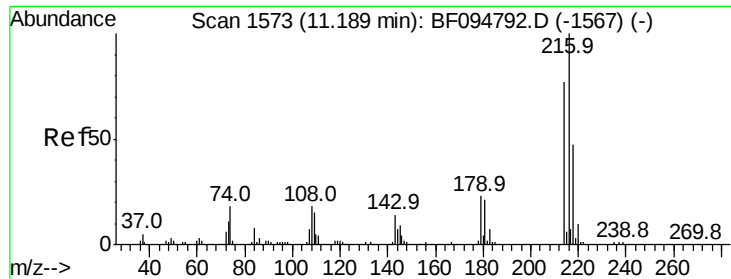


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

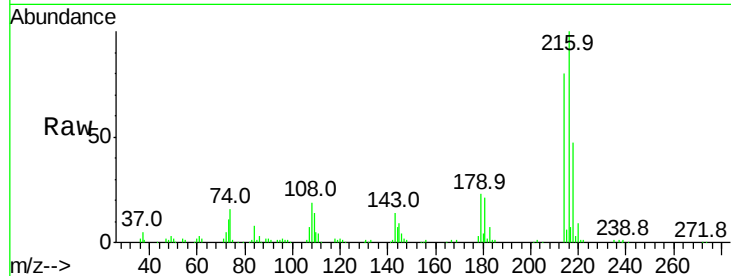




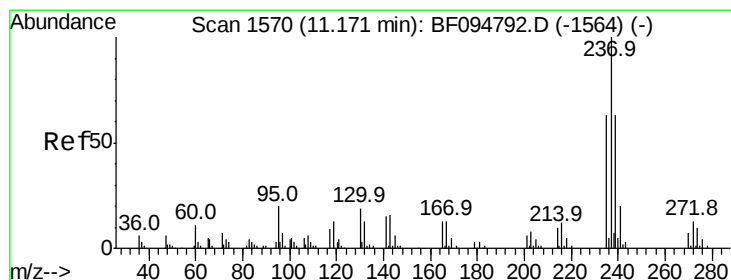
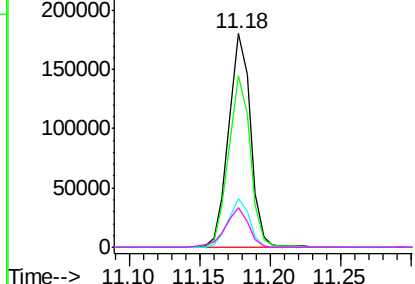
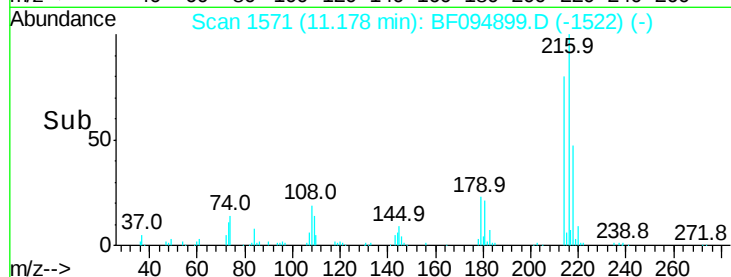
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.57 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	195289
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	22.1	17.9	26.9
108	19.4	16.5	24.7

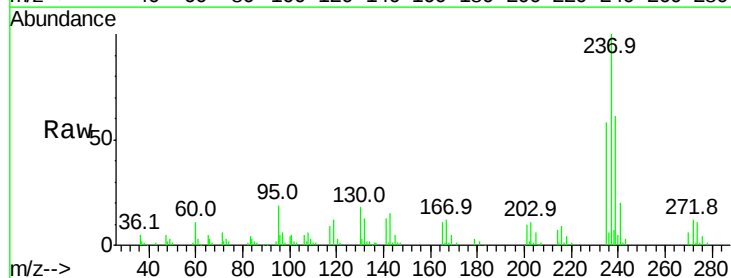


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

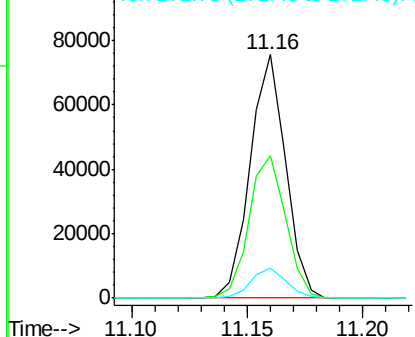
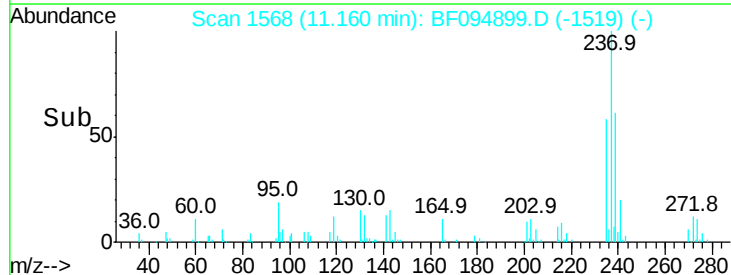


#40
 Hexachlorocyclopentadiene
 Concen: 39.37 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion:	237	Resp:	80922
Ion	Ratio	Lower	Upper
237	100		
235	58.3	42.6	82.6
272	12.5	0.0	31.9



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

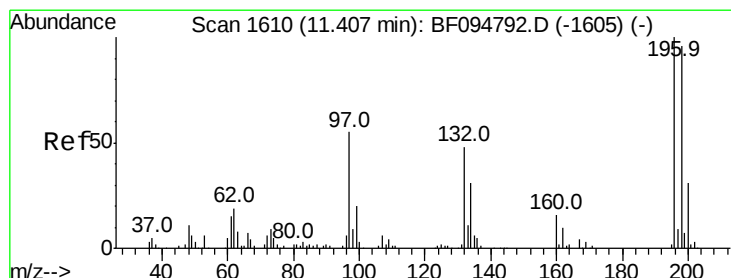
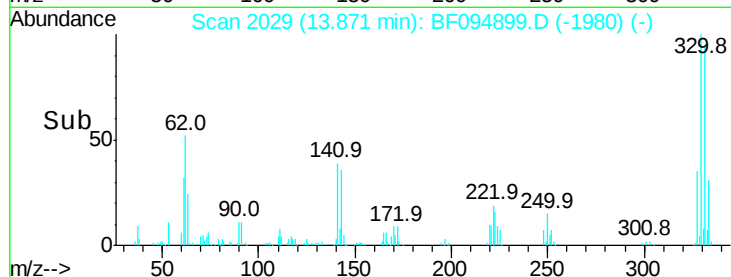
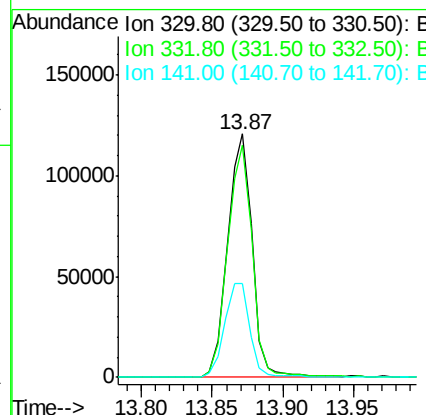
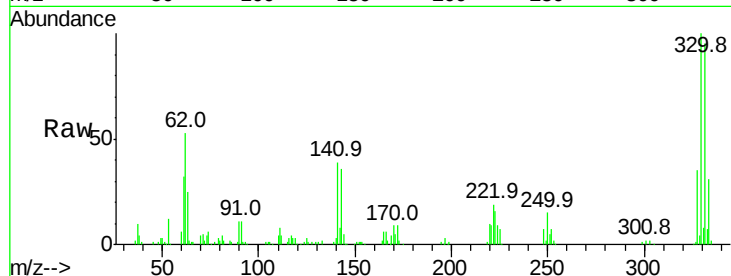




#41
 2,4,6-Tribromophenol
 Concen: 102.79 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

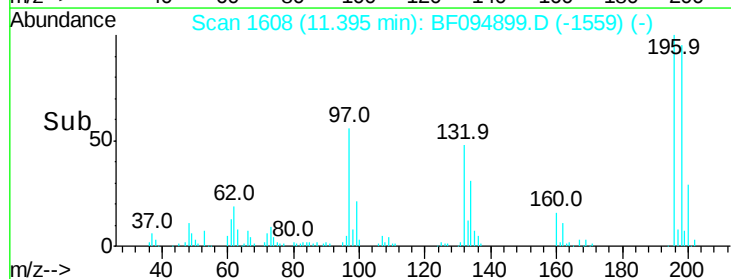
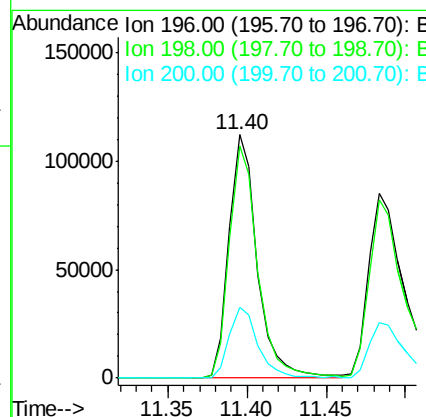
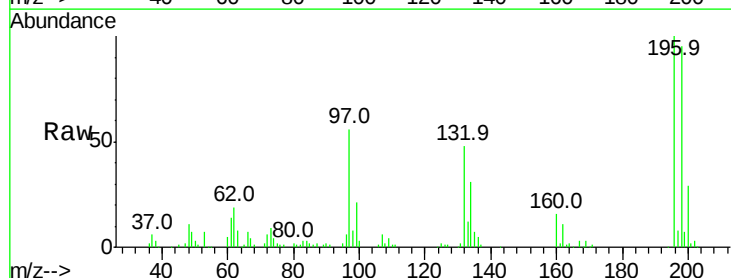
Instrument :
 BNA_F
 ClientSampleId :

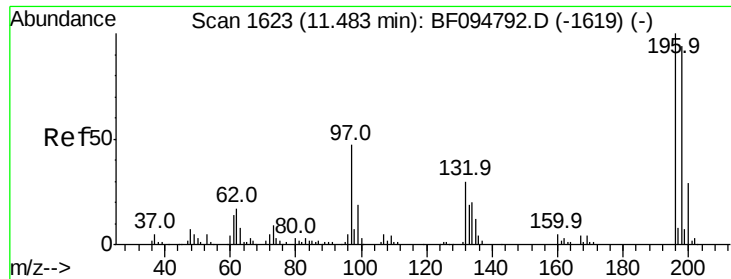
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	40.1	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.07 ng
 RT: 11.40 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.2	111.4
200	29.1	24.0	36.0

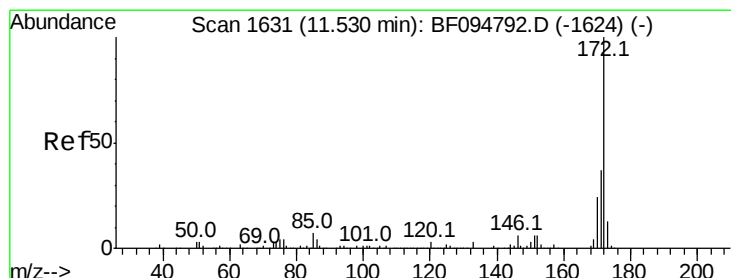
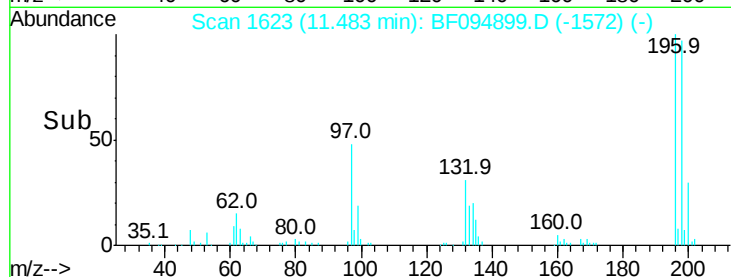
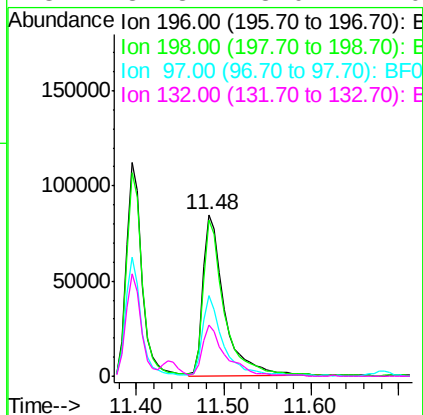
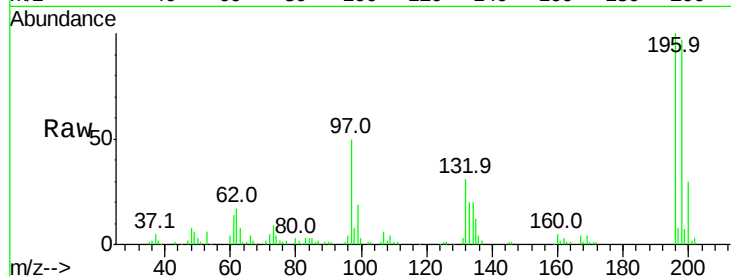




#43
 2,4,5-Trichlorophenol
 Concen: 37.83 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

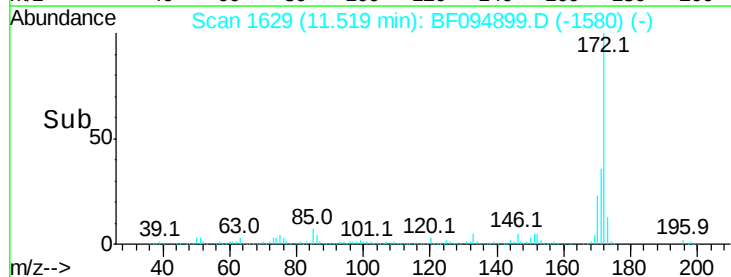
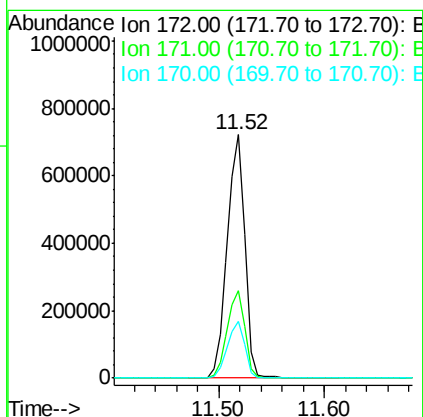
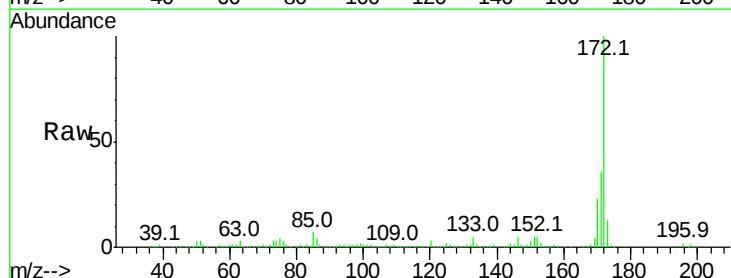
Instrument :
 BNA_F
 ClientSampleId :

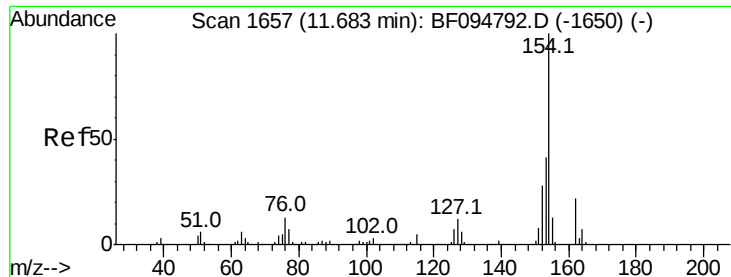
Tot Ion:196 Resp: 144965
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.7 113.5
 97 49.7 47.7 71.5
 132 31.3 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 69.01 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion:172 Resp: 832534
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.2 19.8 29.8





#45

1,1'-Biphenyl

Concen: 37.64 ng

RT: 11.67 min Scan# 1654

Delta R.T. -0.02 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

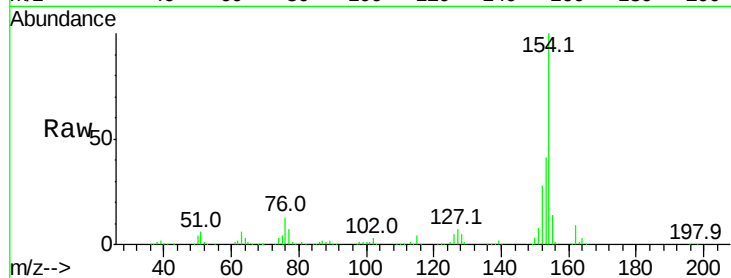
Tot Ion:154 Resp: 550366

Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

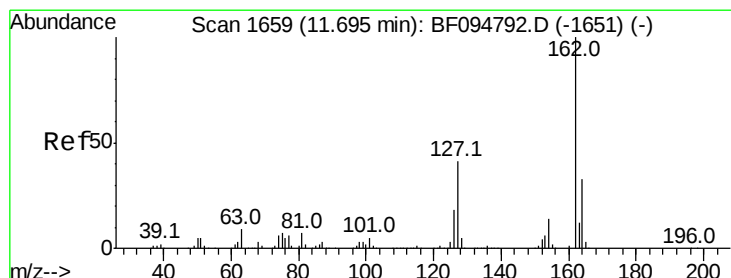
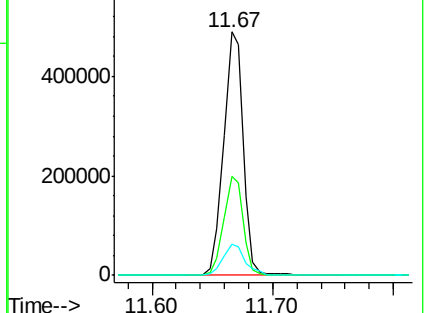
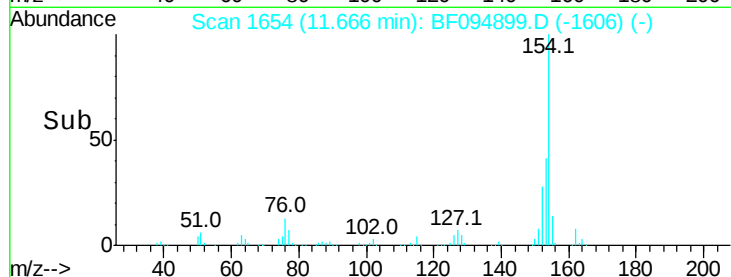
76 12.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.85 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

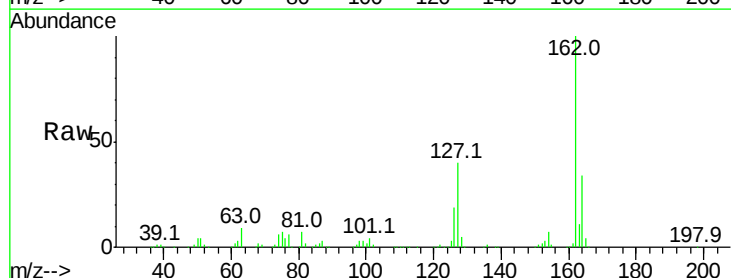
Tgt Ion:162 Resp: 434963

Ion Ratio Lower Upper

162 100

127 39.7 28.3 42.5

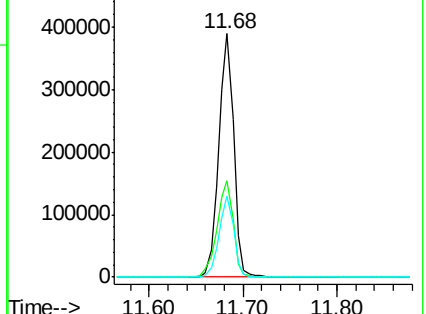
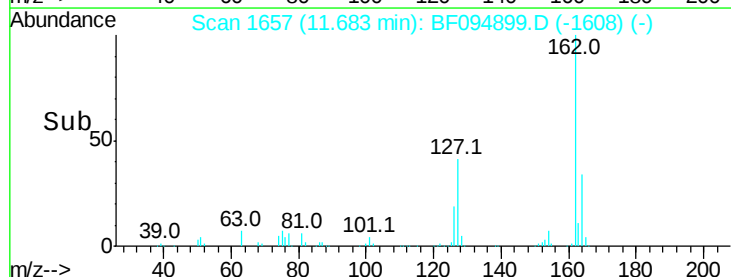
164 33.5 27.0 40.4

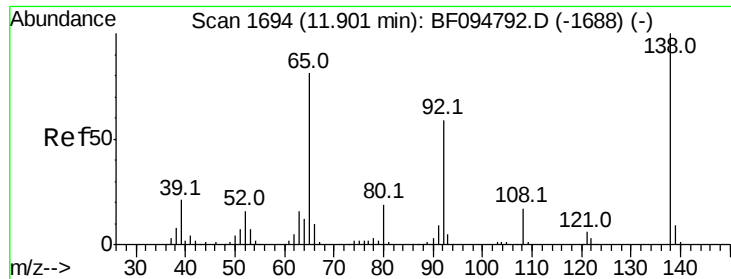


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

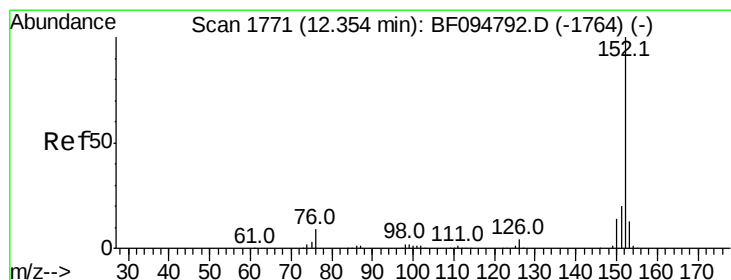
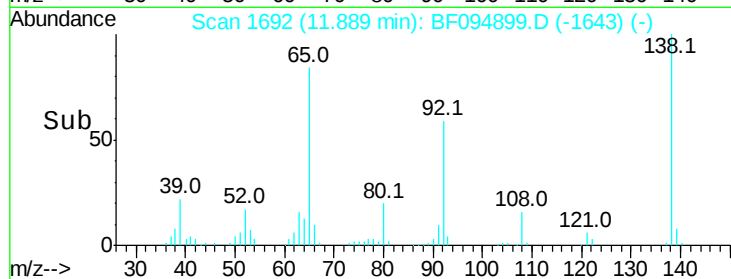
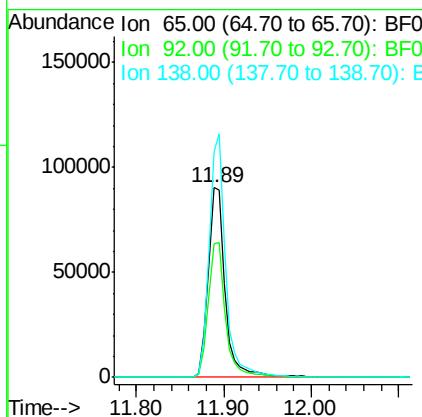
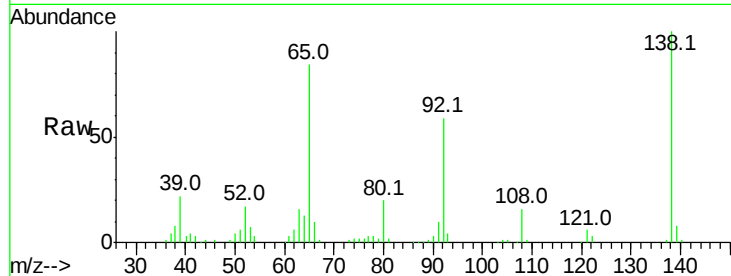




#47
 2-Nitroaniline
 Concen: 38.15 ng
 RT: 11.89 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

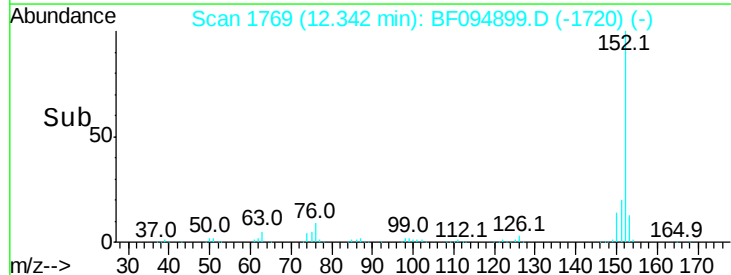
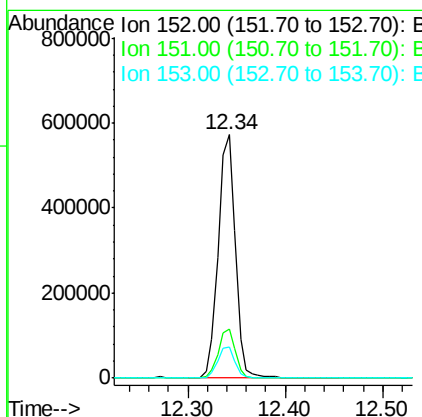
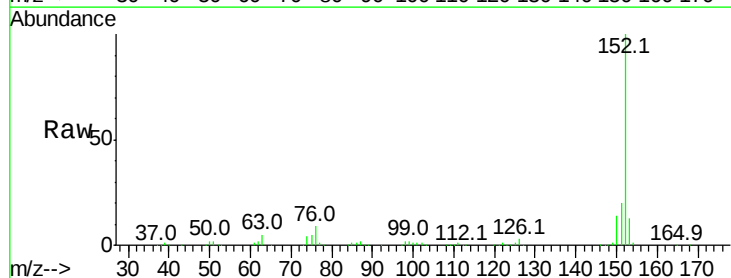
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 123272
 Ion Ratio Lower Upper
 65 100
 92 70.6 53.9 80.9
 138 119.1 78.8 118.2#



#48
 Acenaphthylene
 Concen: 37.77 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion: 152 Resp: 698458
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 36.32 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampled :

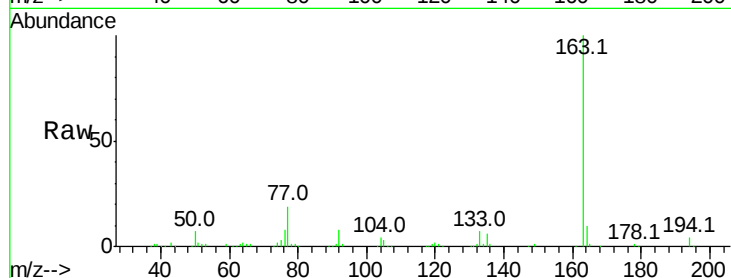
Tot Ion:163 Resp: 517802

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

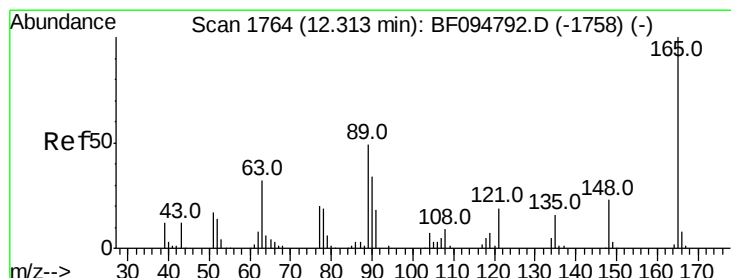
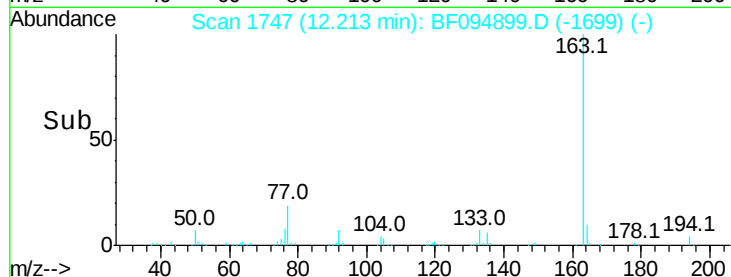
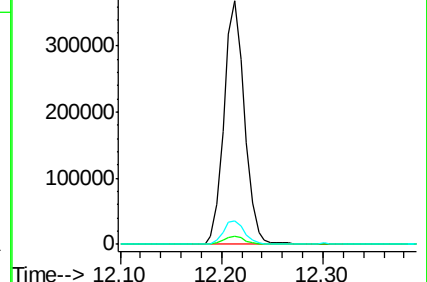
164 9.8 8.4 12.6



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: 40.16 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

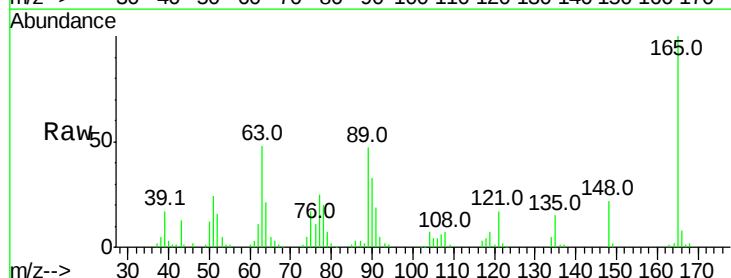
Tgt Ion:165 Resp: 116792

Ion Ratio Lower Upper

165 100

63 48.0 34.3 51.5

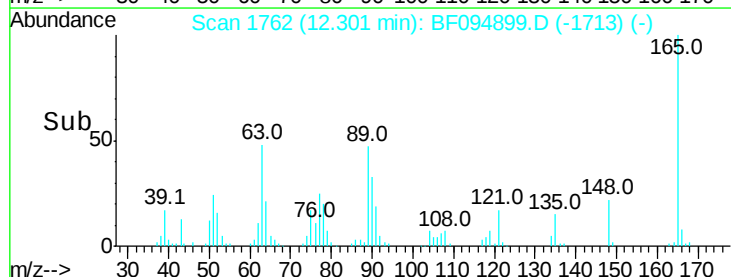
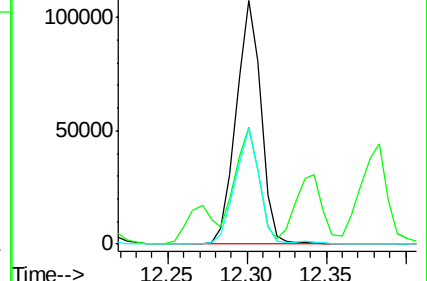
89 47.5 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.00 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

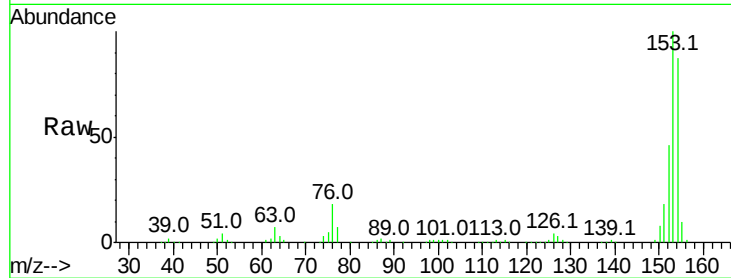
Tot Ion:154 Resp: 419660

Ion Ratio Lower Upper

154 100

153 114.6 90.5 135.7

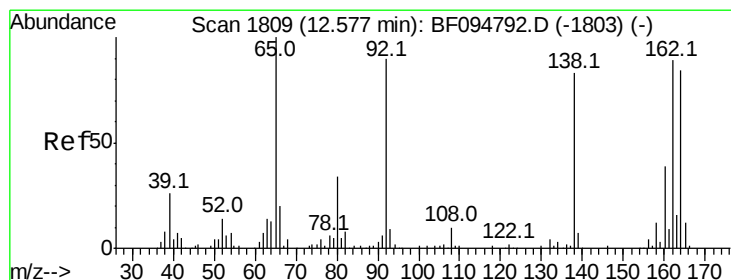
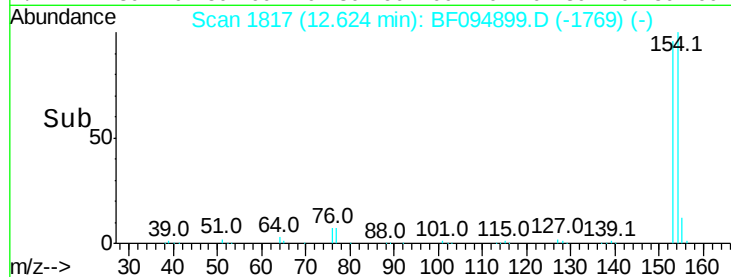
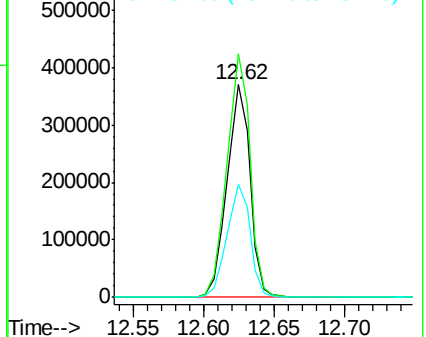
152 53.2 43.6 65.4



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: 12.49 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

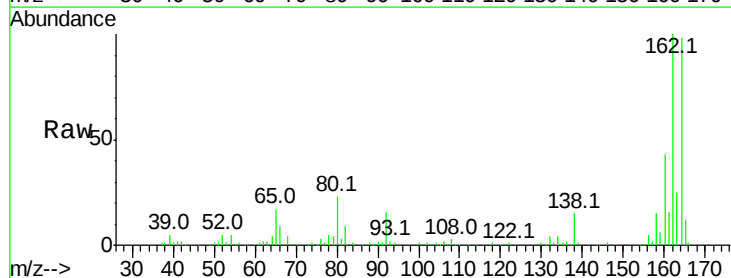
Tgt Ion:138 Resp: 38988

Ion Ratio Lower Upper

138 100

108 21.1 9.1 13.7#

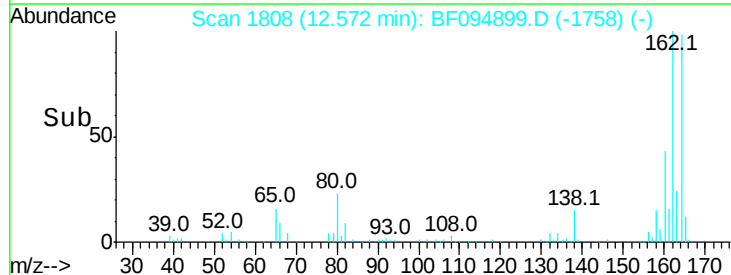
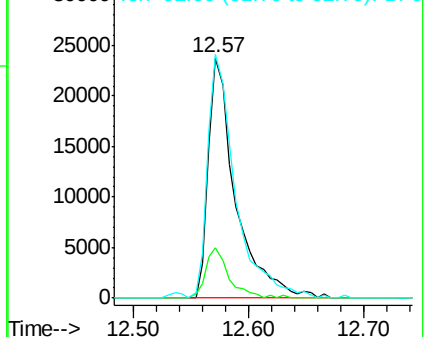
92 101.6 93.8 140.6

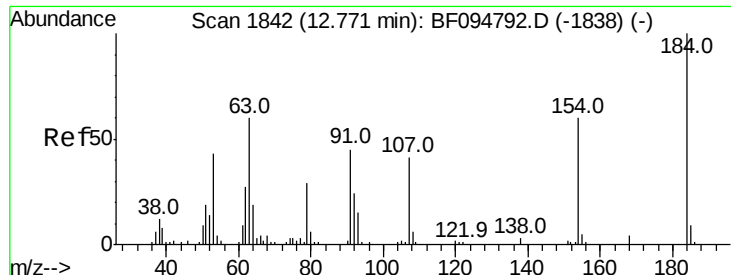


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

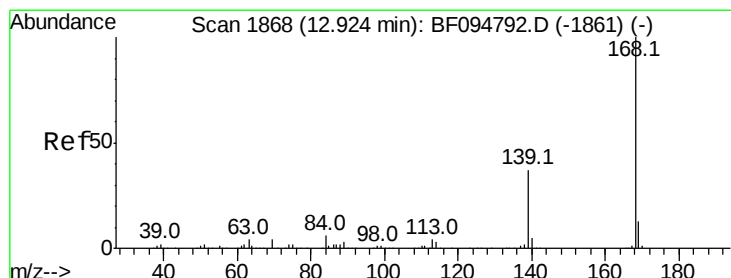
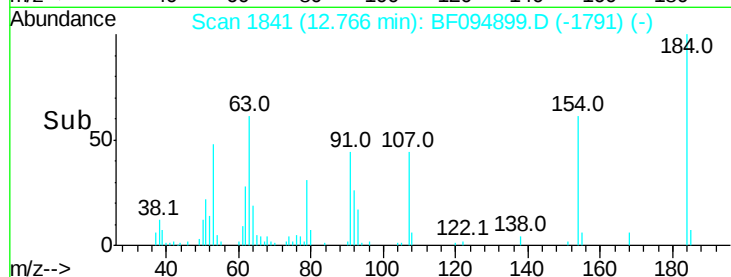
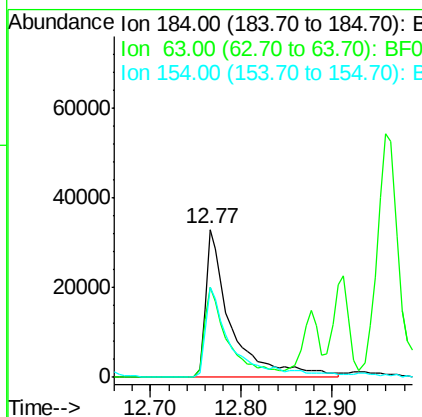
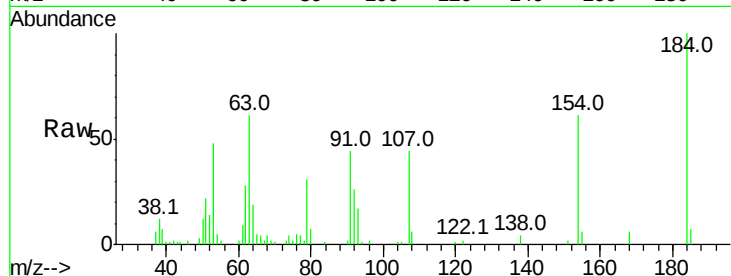




#53
 2,4-Dinitrophenol
 Concen: 43.39 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

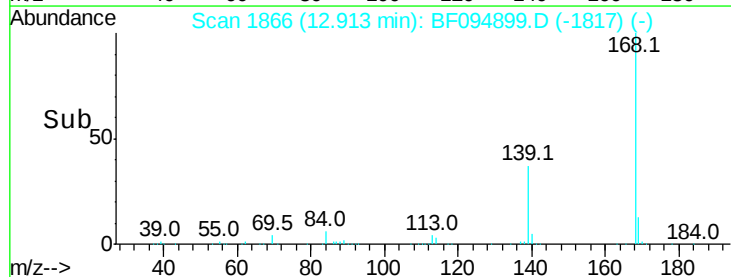
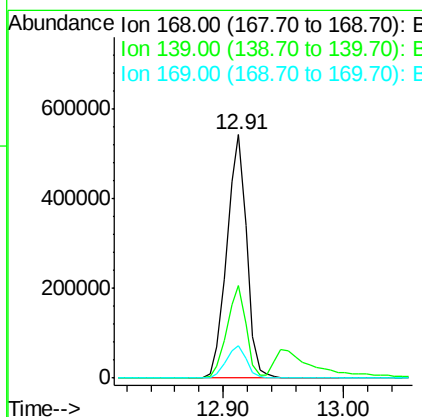
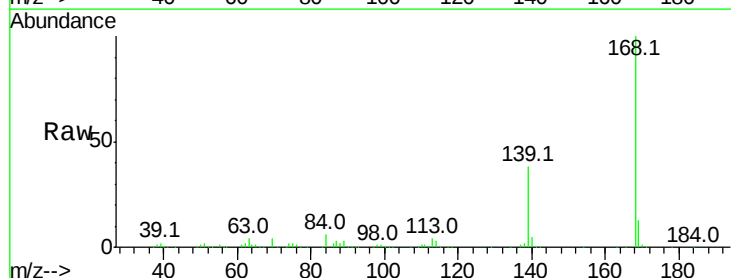
Instrument :
 BNA_F
 ClientSampled :

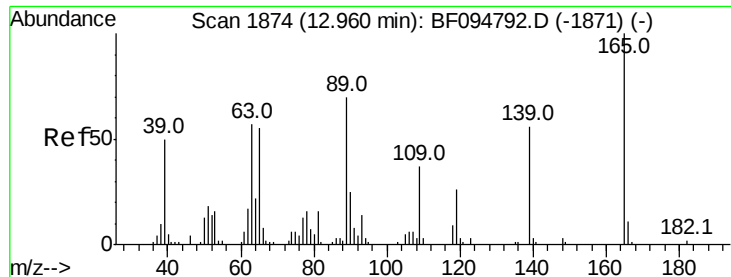
Tot Ion:184 Resp: 64537
 Ion Ratio Lower Upper
 184 100
 63 60.8 62.7 94.1#
 154 60.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.57 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion:168 Resp: 619978
 Ion Ratio Lower Upper
 168 100
 139 37.9 30.6 45.8
 169 13.1 10.8 16.2

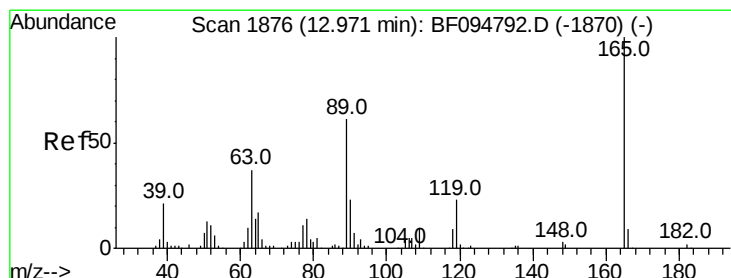
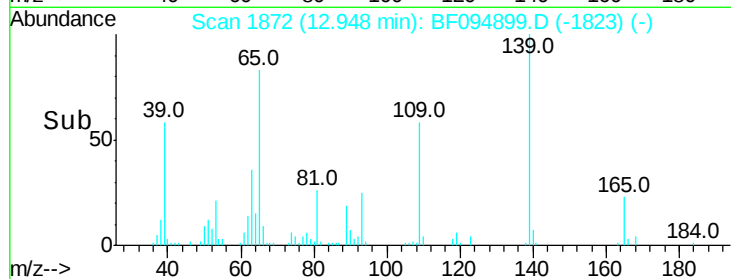
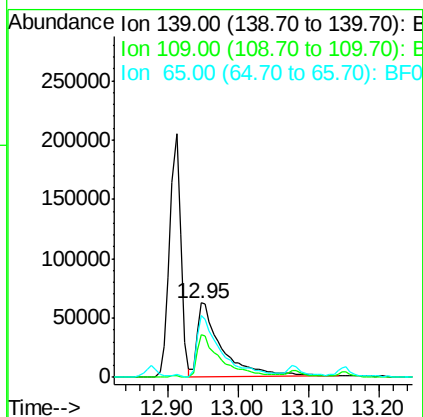
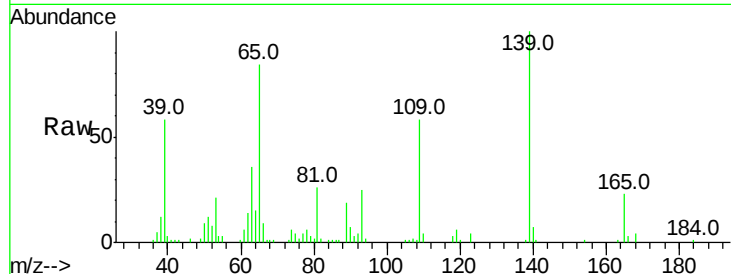




#55
4-Nitrophenol
Concen: 82.56 ng
RT: 12.95 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

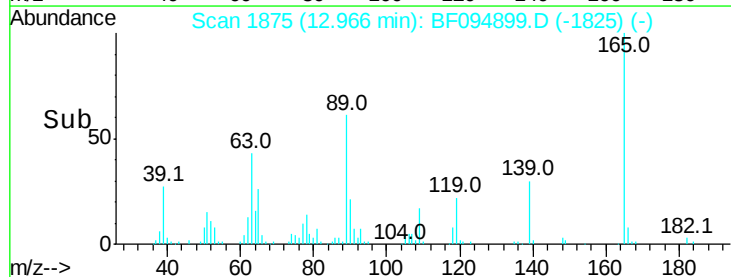
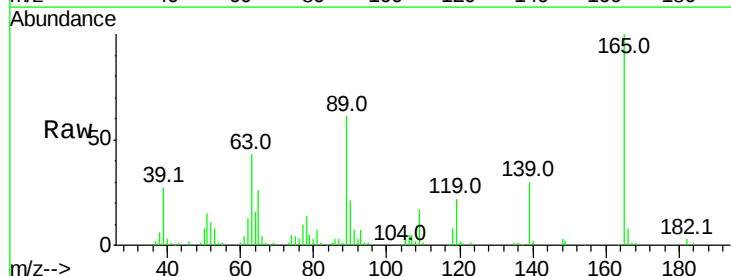
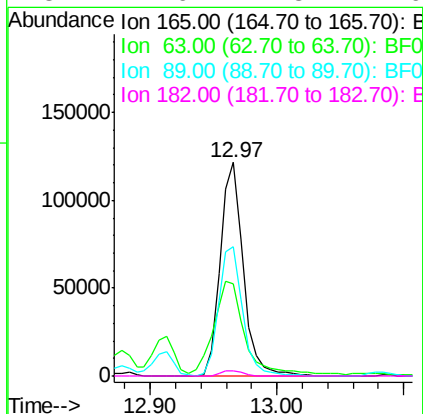
Instrument :
BNA_F
ClientSampleId :

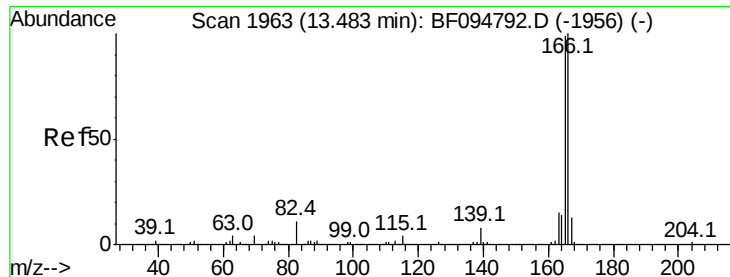
Tot Ion:139 Resp: 154793
Ion Ratio Lower Upper
139 100
109 58.1 34.1 74.1
65 83.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.11 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion:165 Resp: 153625
Ion Ratio Lower Upper
165 100
63 43.1 25.4 38.0#
89 60.5 46.4 69.6
182 2.6 1.8 2.6

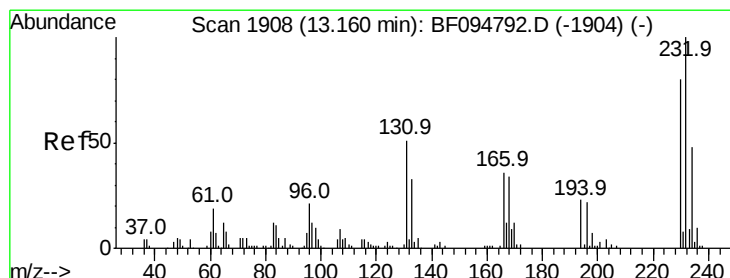
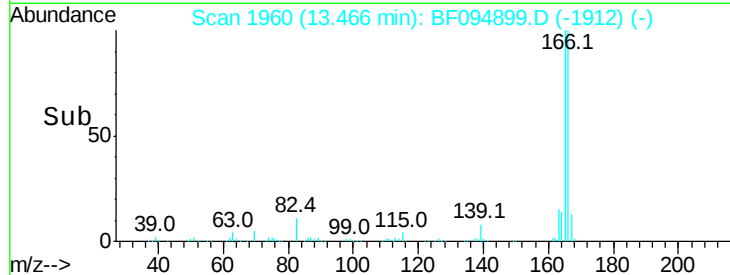
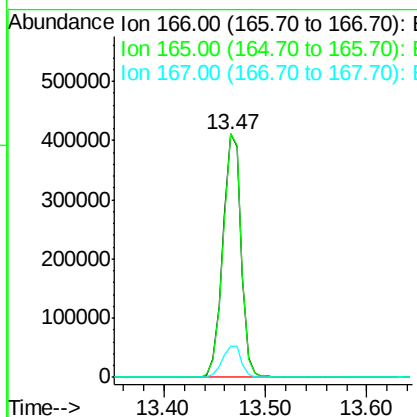
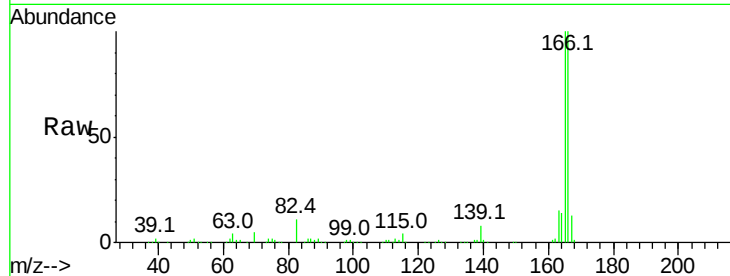




#57
 Fluorene
 Concen: 38.57 ng
 RT: 13.47 min Scan# 1960
 Delta R.T. -0.02 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

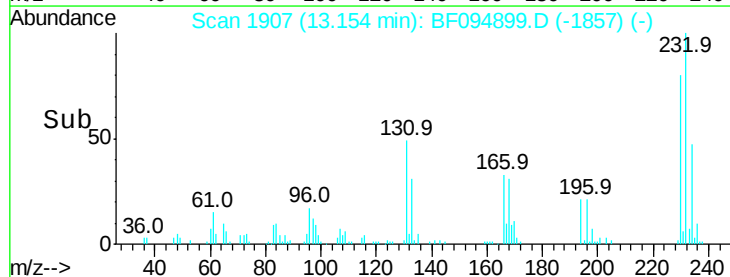
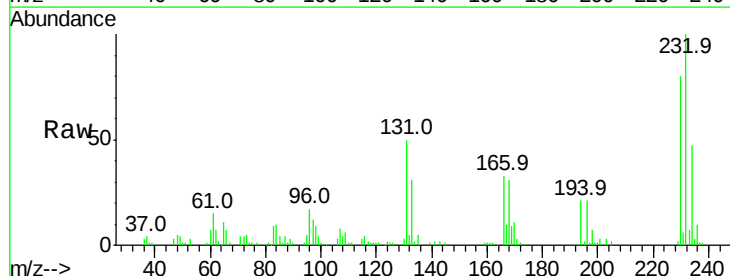
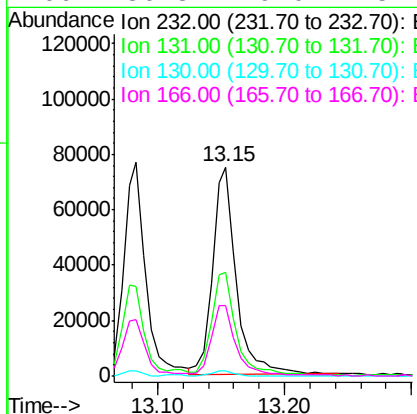
Instrument :
 BNA_F
 ClientSampled :

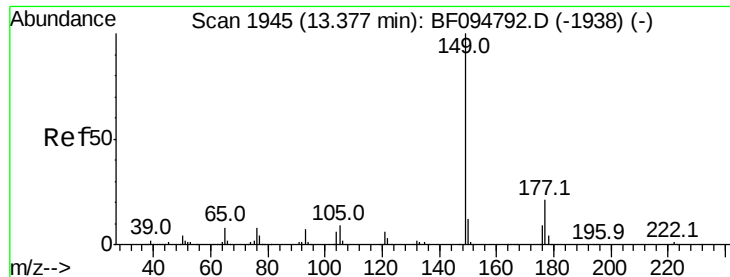
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.8	118.2
167	12.9	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.92 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.6	44.8	67.2
130	2.4	2.3	3.5
166	36.3	29.0	43.4

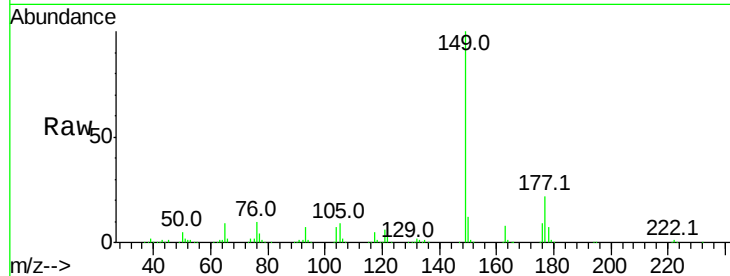




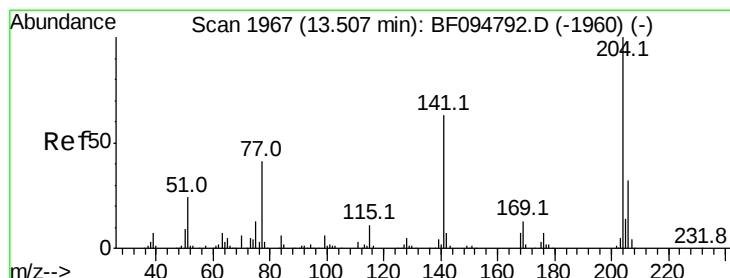
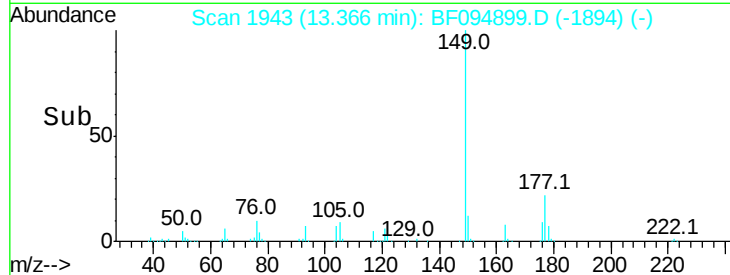
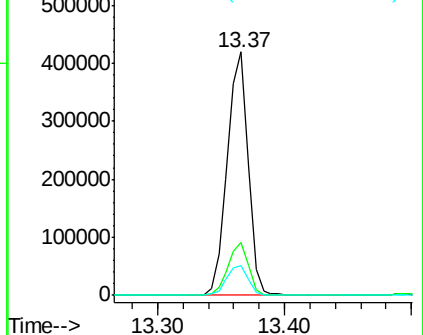
#59
Diethylphthalate
Concen: 34.96 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 477694
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.3 10.2 15.2

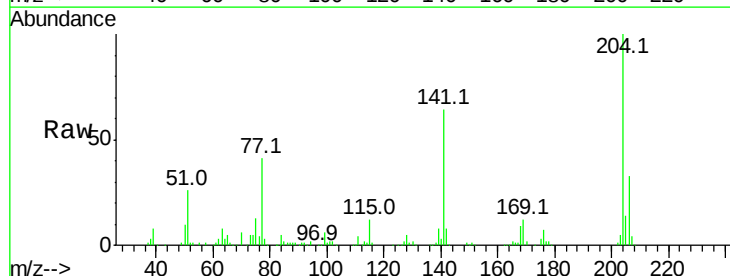


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

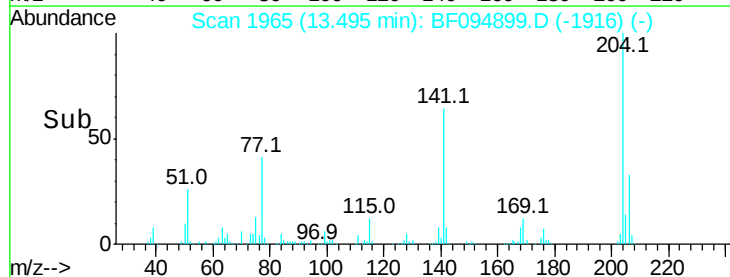
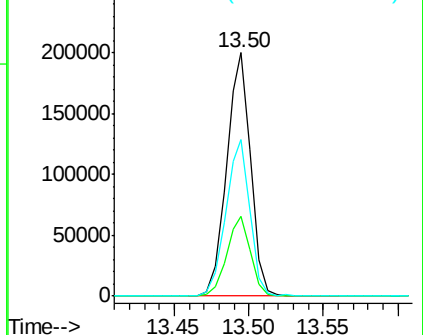


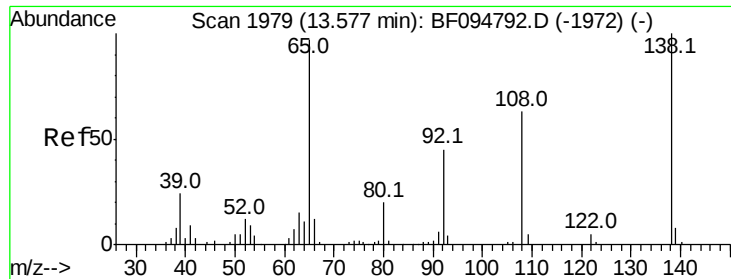
#60
4-Chlorophenyl-phenylether
Concen: 38.66 ng
RT: 13.50 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion:204 Resp: 225783
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 64.2 60.8 91.2



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

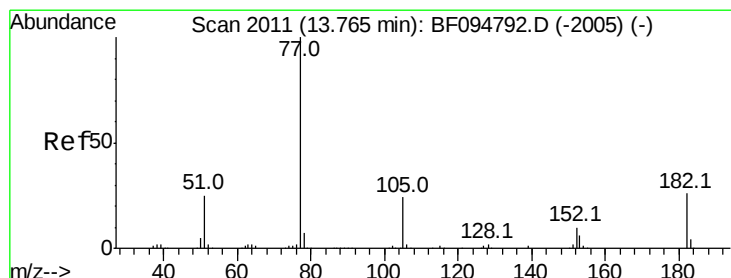
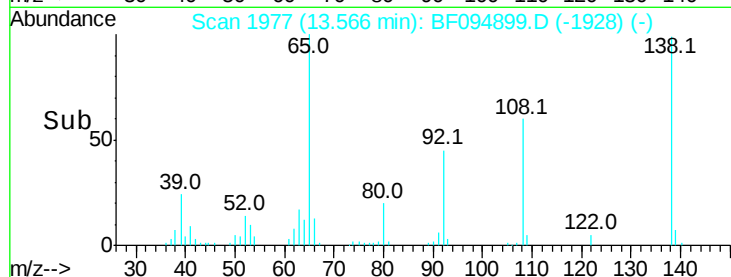
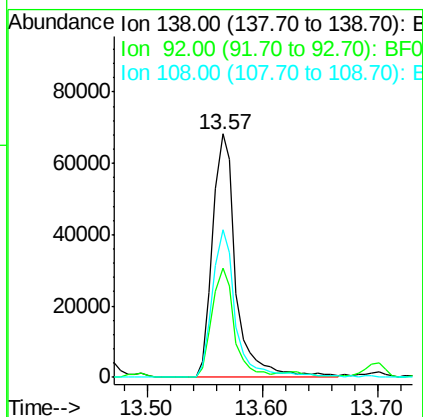
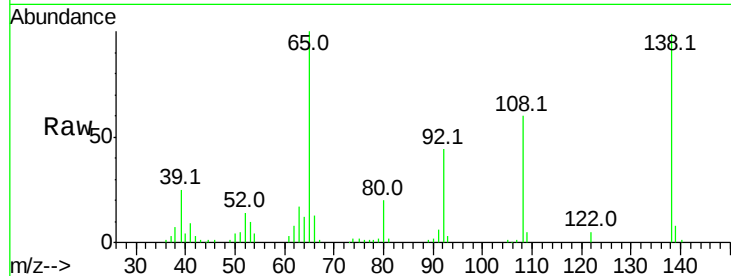




#61
4-Nitroaniline
Concen: 33.67 ng
RT: 13.57 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

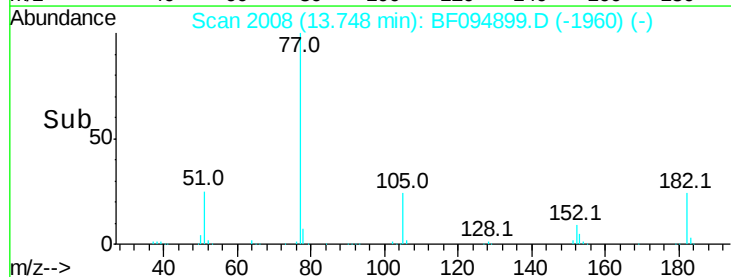
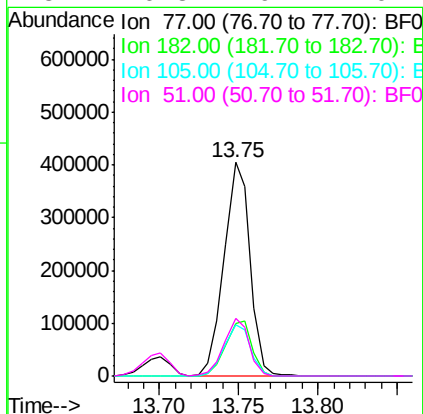
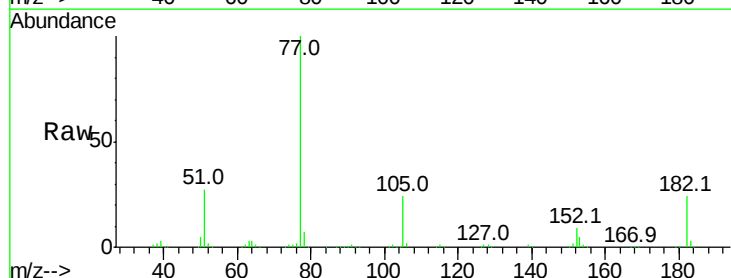
Instrument :
BNA_F
ClientSampleId :

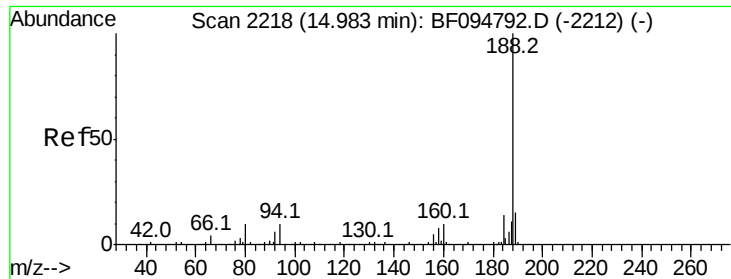
Tot Ion:138 Resp: 96480
Ion Ratio Lower Upper
138 100
92 44.9 21.8 61.8
108 60.4 42.3 82.3



#62
Azobenzene
Concen: 41.80 ng
RT: 13.75 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion: 77 Resp: 458890
Ion Ratio Lower Upper
77 100
182 24.3 0.1 40.1
105 23.8 3.6 43.6
51 26.8 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

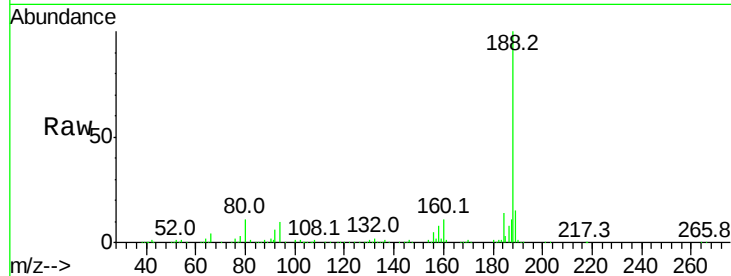
Tot Ion:188 Resp: 296190

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

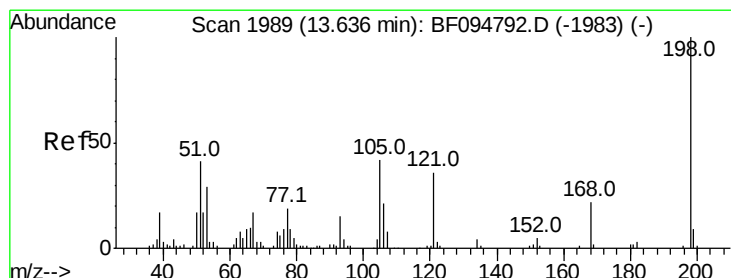
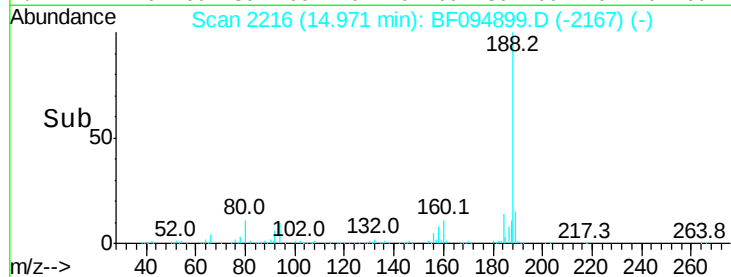
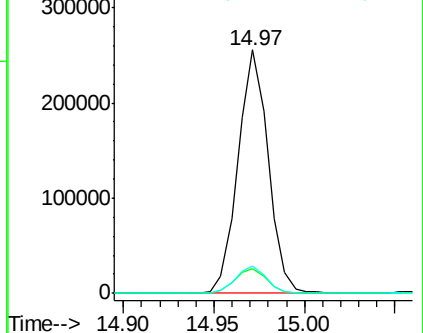
80 11.3 10.2 15.2



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: 27.19 ng

RT: 13.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

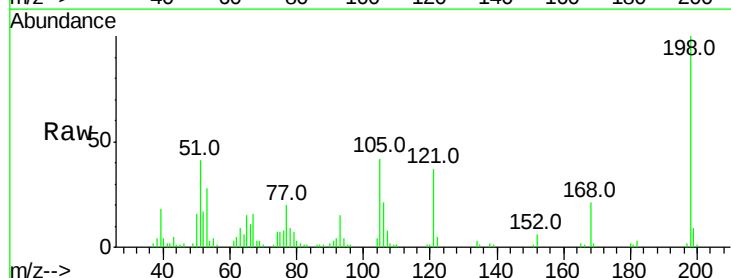
Tgt Ion:198 Resp: 53981

Ion Ratio Lower Upper

198 100

51 40.9 53.2 93.2#

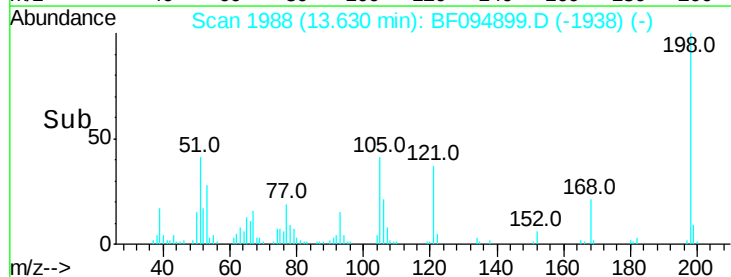
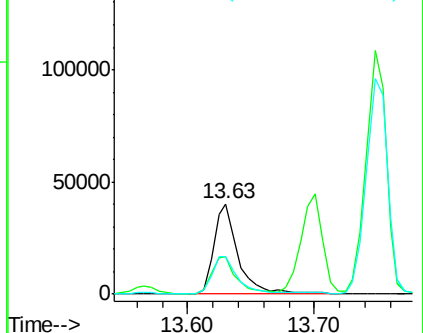
105 41.7 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

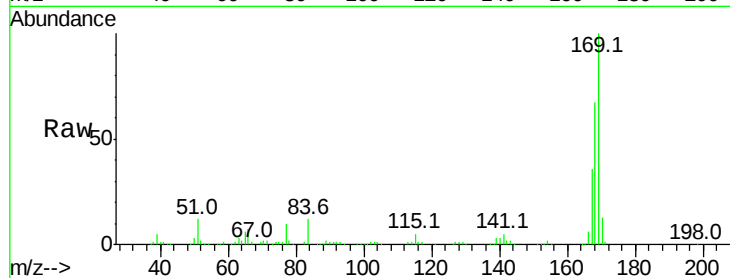




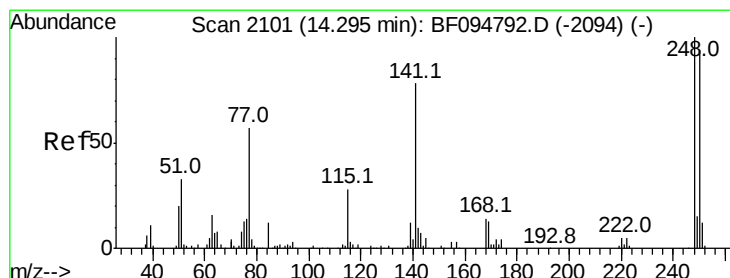
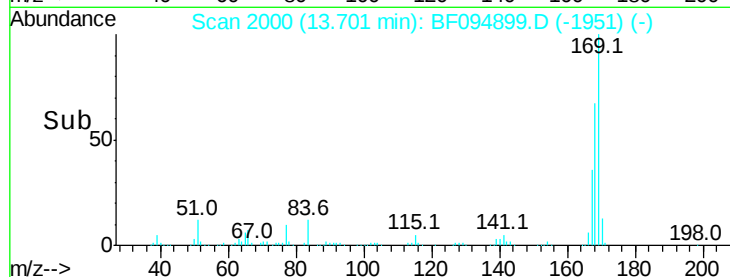
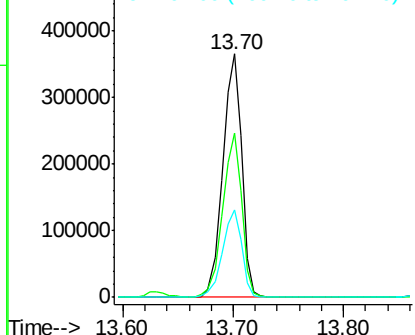
#65
n-Nitrosodiphenylamine
Concen: 40.78 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 438391
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 35.9 29.5 44.3

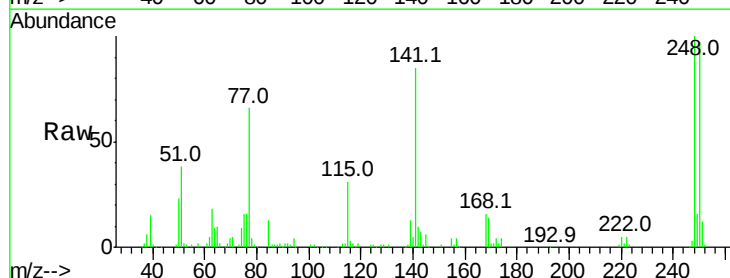


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

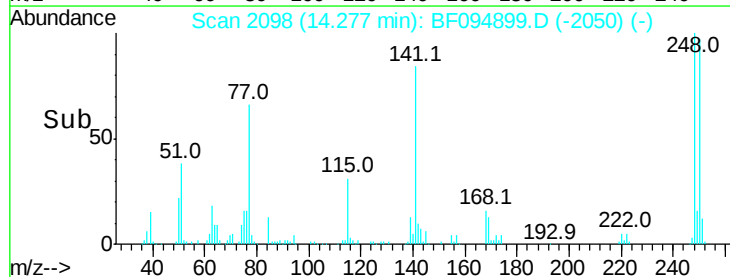
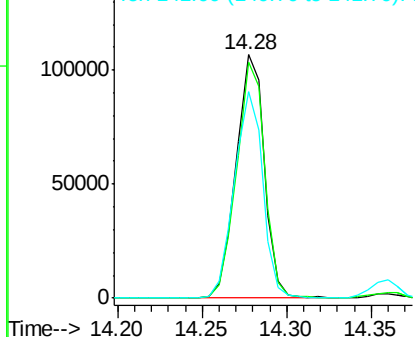


#66
4-Bromophenyl-phenylether
Concen: 39.79 ng
RT: 14.28 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion:248 Resp: 124516
Ion Ratio Lower Upper
248 100
250 96.9 76.8 115.2
141 84.8 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

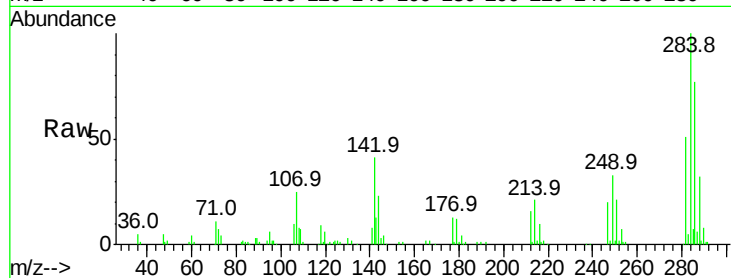




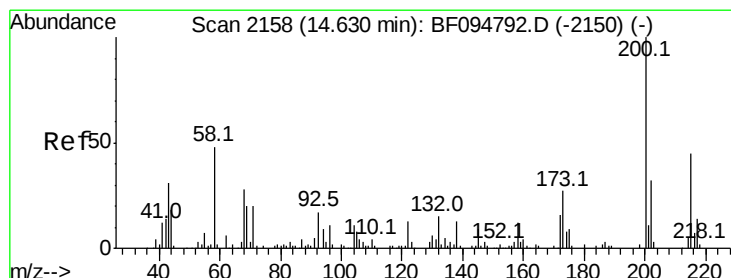
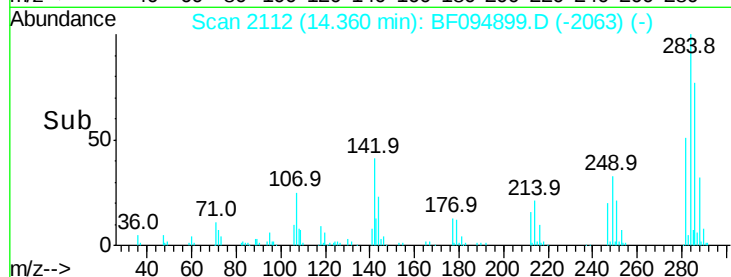
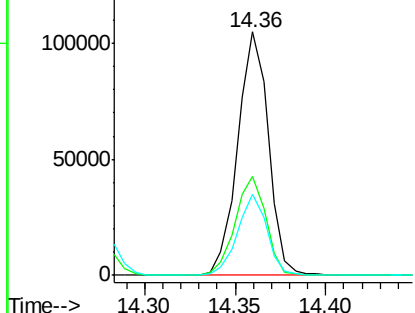
#67
Hexachlorobenzene
Concen: 38.52 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.5	22.8	34.2#
249	33.4	24.0	36.0

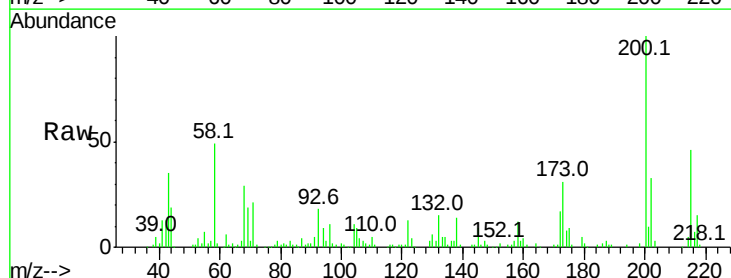


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

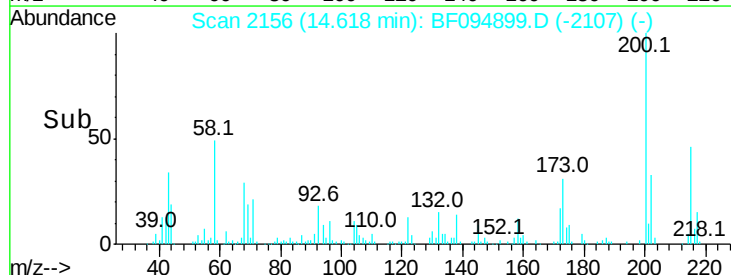
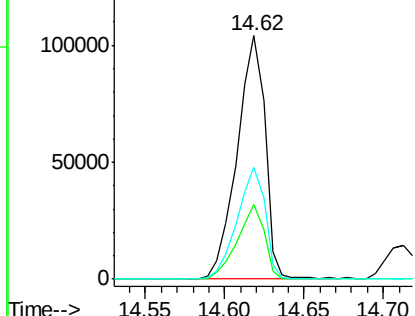


#68
Atrazine
Concen: 42.14 ng
RT: 14.62 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.5	6.3	46.3
215	45.9	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

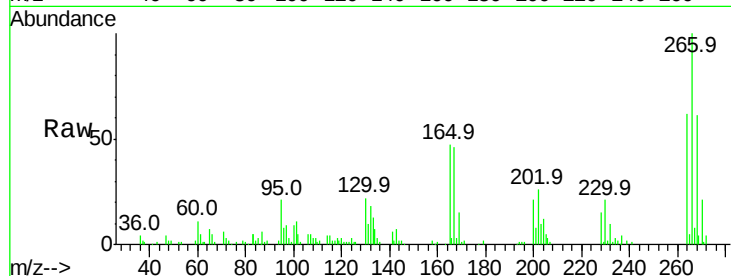




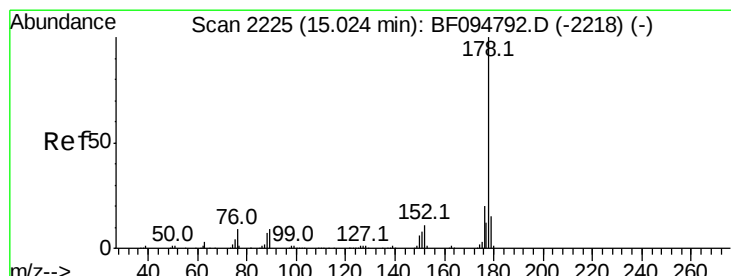
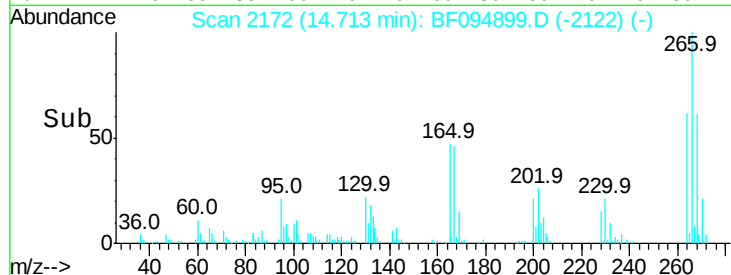
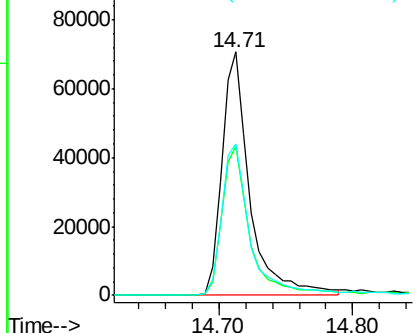
#69
 Pentachlorophenol
 Concen: 72.03 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 103537
 Ion Ratio Lower Upper
 266 100
 268 61.4 51.1 76.7
 264 62.0 51.7 77.5

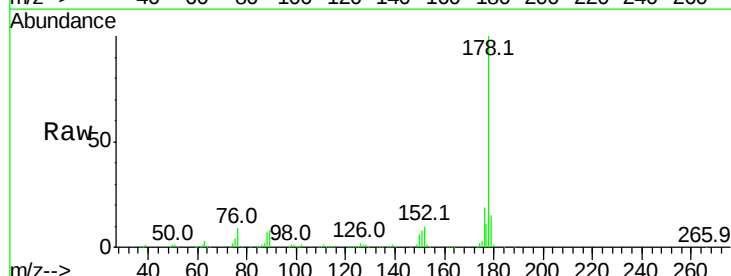


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

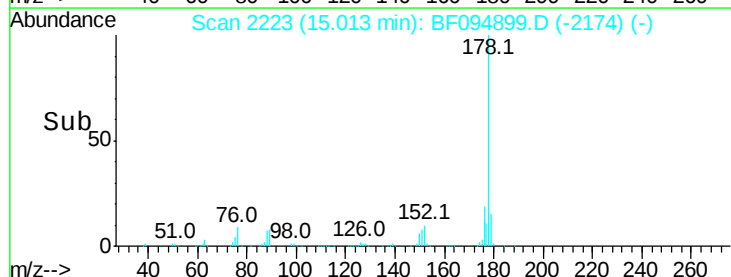
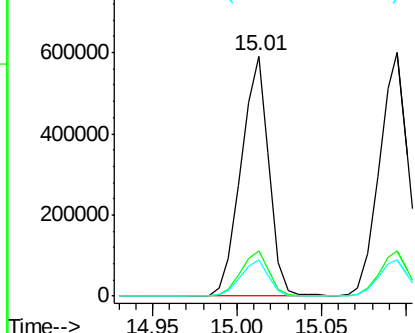


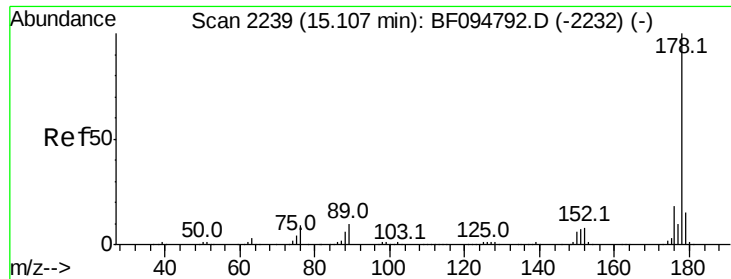
#70
 Phenanthrene
 Concen: 39.87 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion:178 Resp: 678579
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.4 12.6 19.0



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

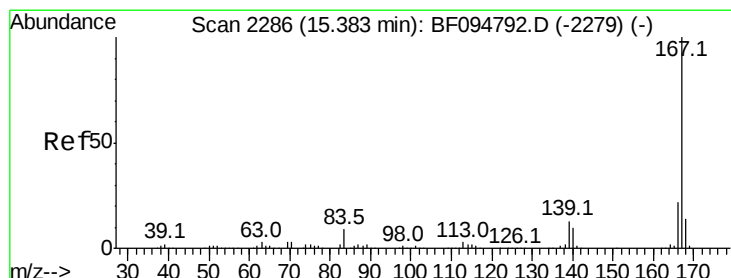
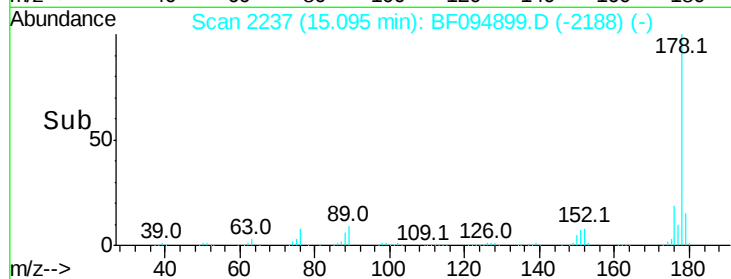
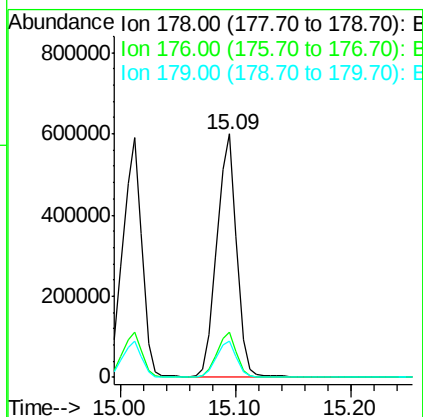
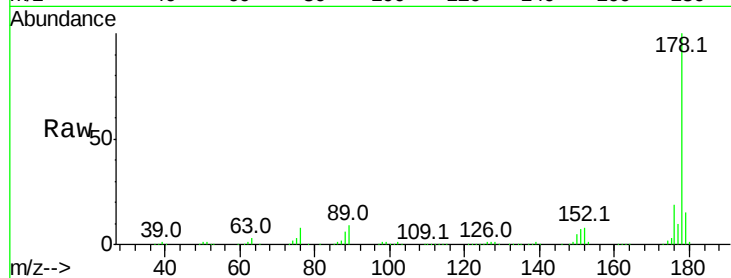




#71
 Anthracene
 Concen: 40.83 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

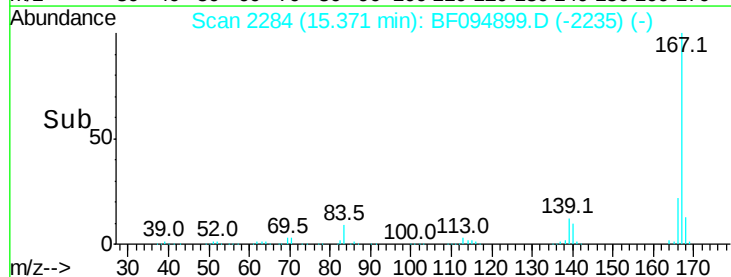
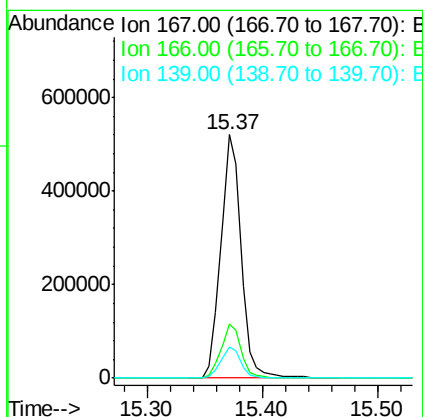
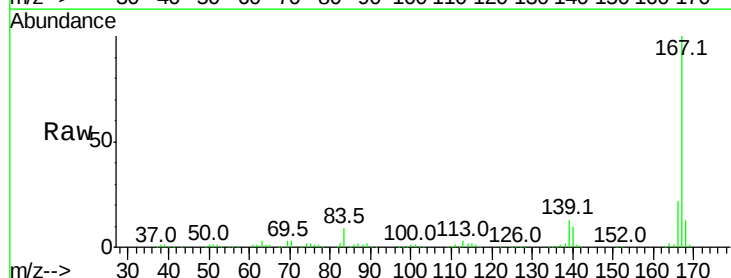
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 709850
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 14.7 12.7 19.1



#72
 Carbazole
 Concen: 40.55 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion:167 Resp: 641326
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 12.9 11.7 17.5

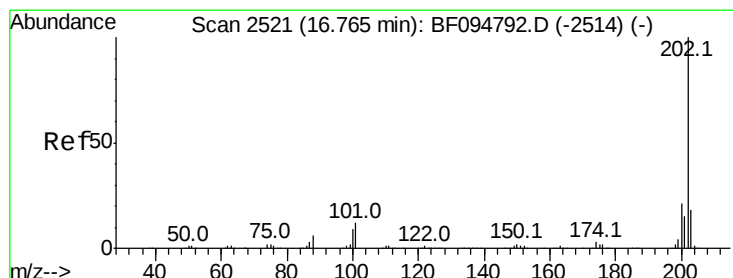
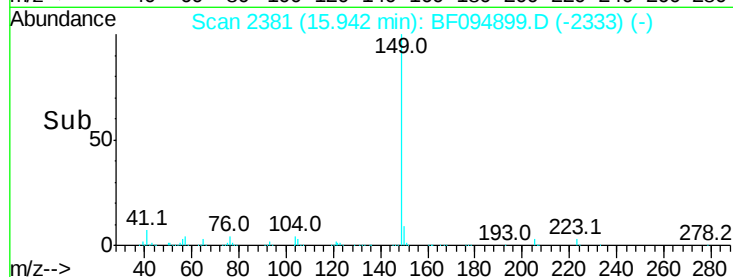
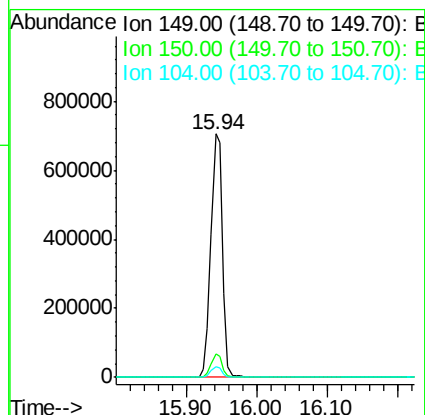
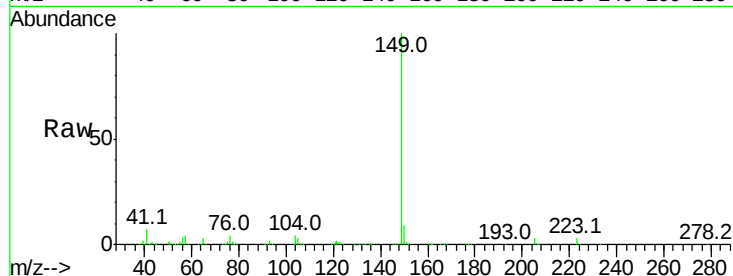




#73
Di-n-butylphthalate
Concen: 40.78 ng
RT: 15.94 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

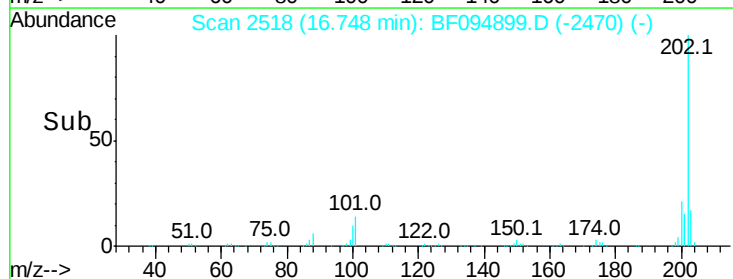
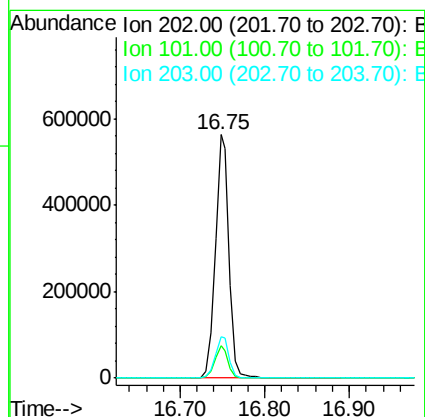
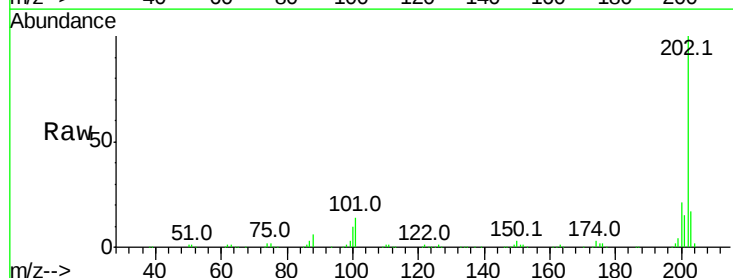
Instrument :
BNA_F
ClientSampleId :

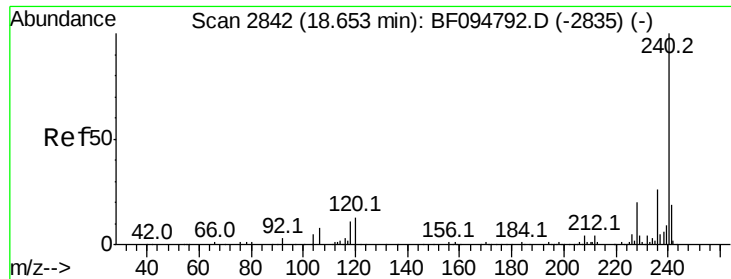
Tot Ion:149 Resp: 804410
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 37.17 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion:202 Resp: 648873
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.2
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

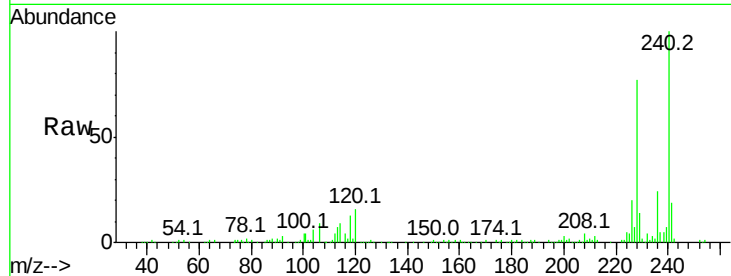
Tot Ion:240 Resp: 208926

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

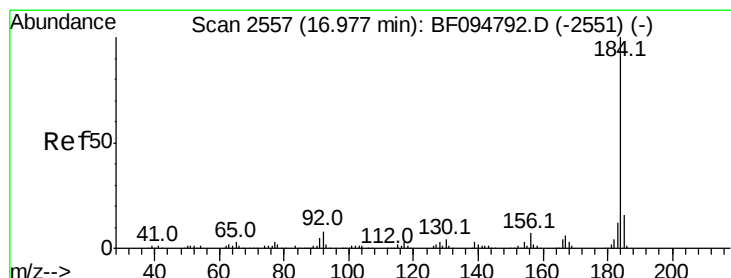
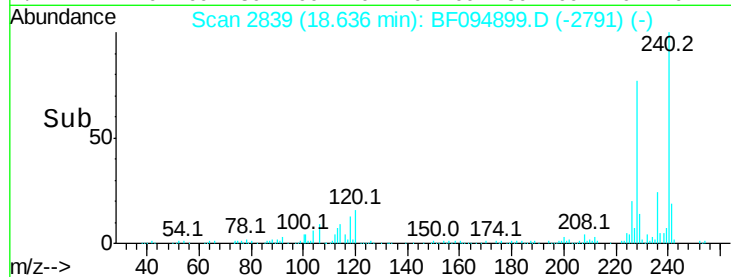
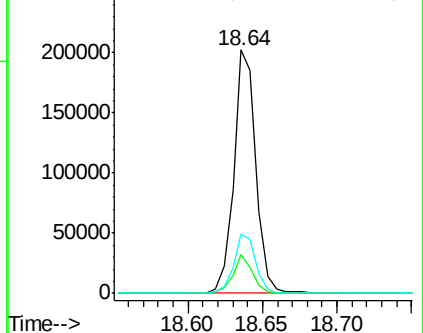
236 24.5 20.5 30.7



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: 48.97 ng

RT: 16.97 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

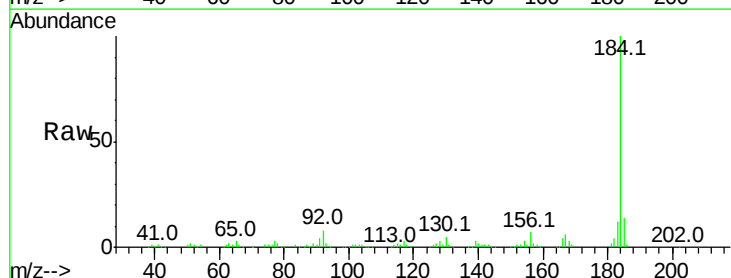
Tgt Ion:184 Resp: 277600

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

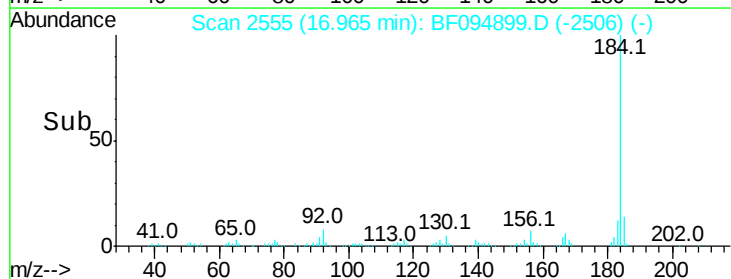
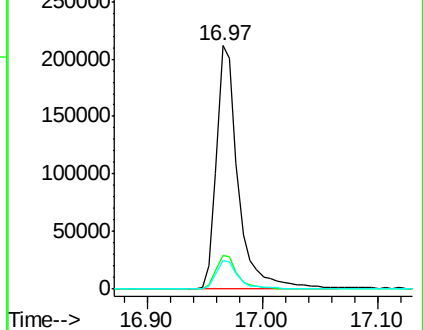
183 11.7 9.8 14.6

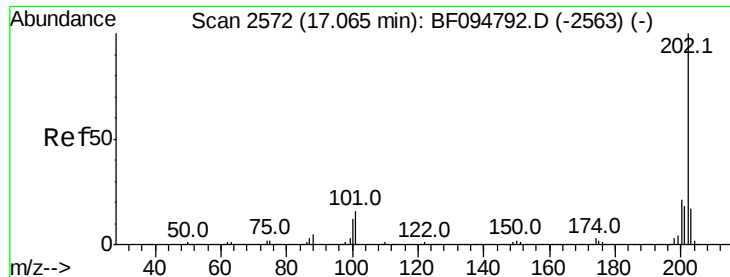


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.92 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

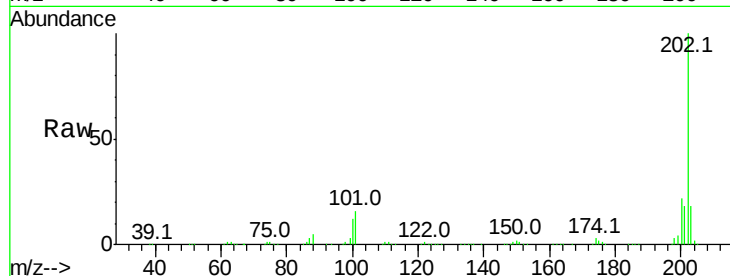
Tot Ion:202 Resp: 639328

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

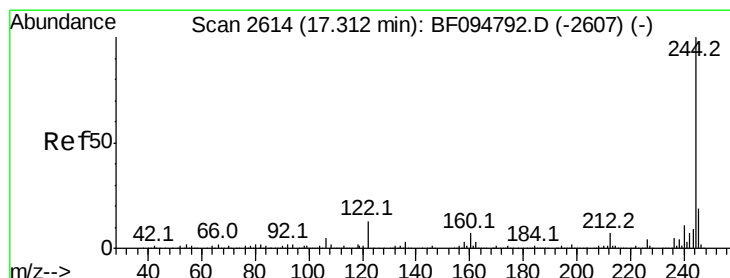
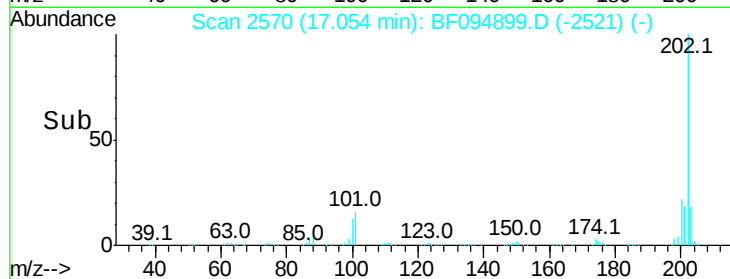
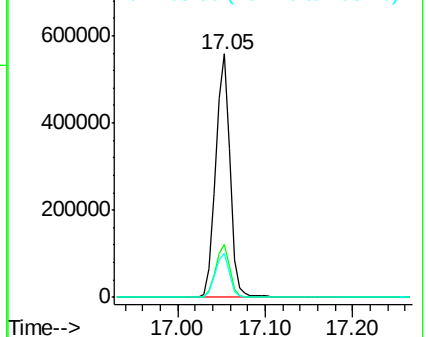
203 18.1 14.4 21.6



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: 64.19 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

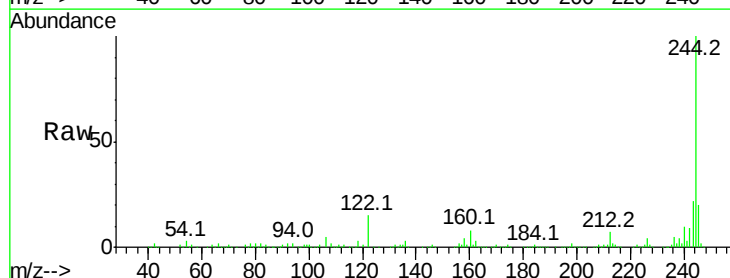
Tgt Ion:244 Resp: 608886

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

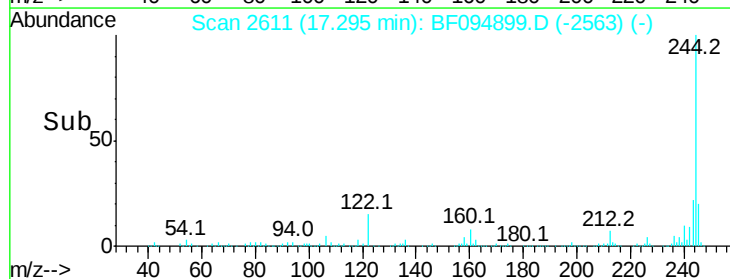
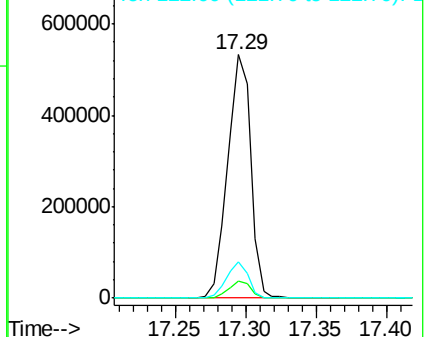
122 15.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

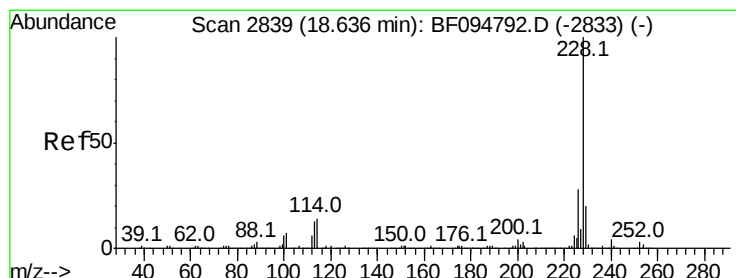
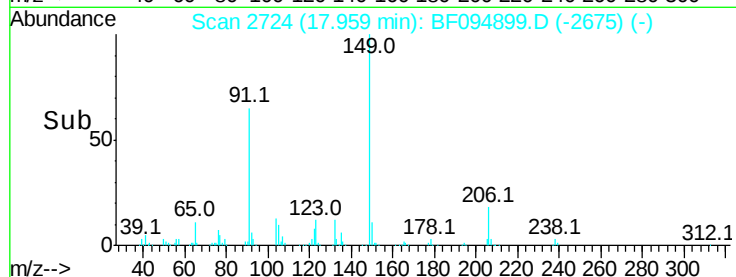
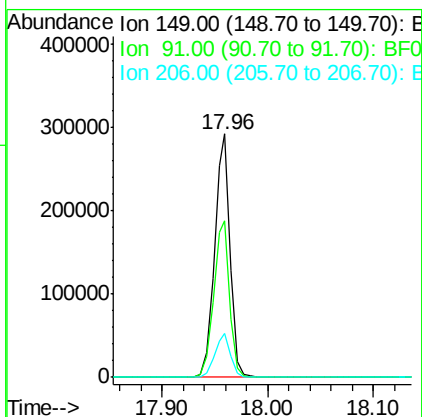
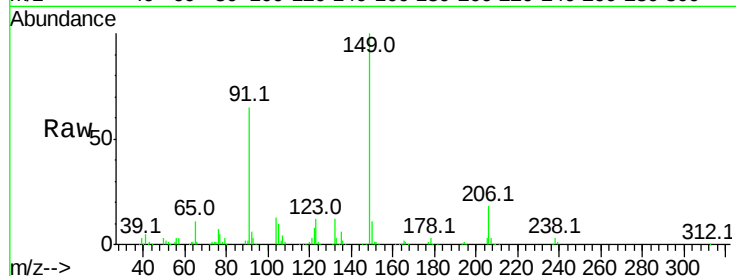




#79
Butylbenzylphthalate
Concen: 41.80 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

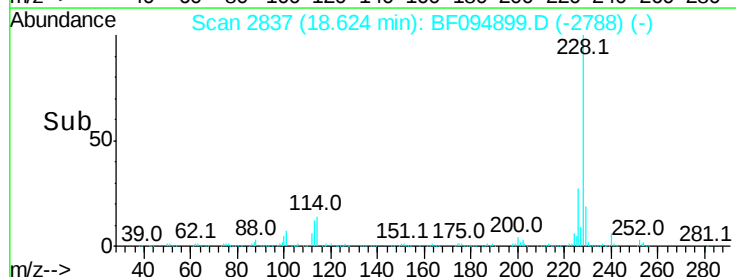
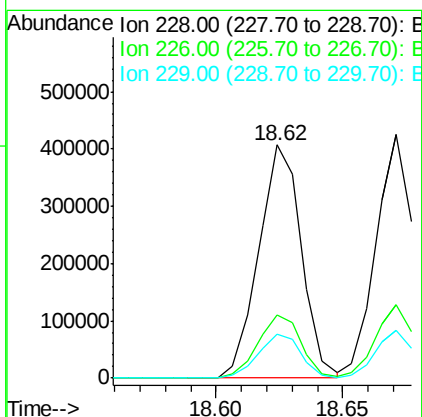
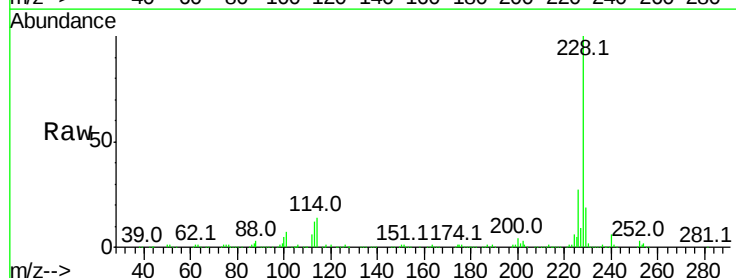
Instrument :
BNA_F
ClientSampleId :

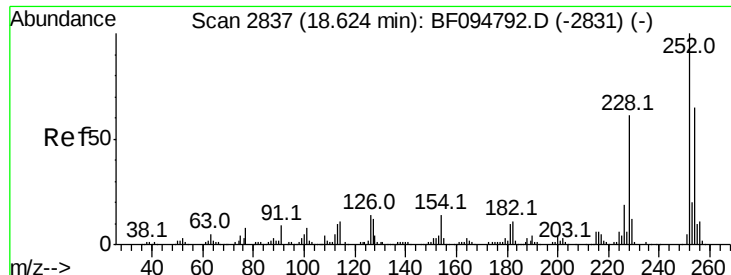
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.6	45.0	67.4
206	18.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.37 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.0	16.3	24.5

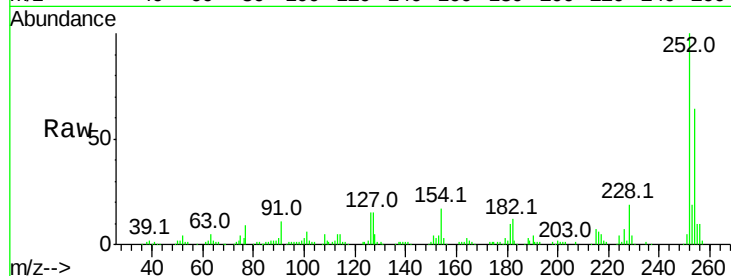




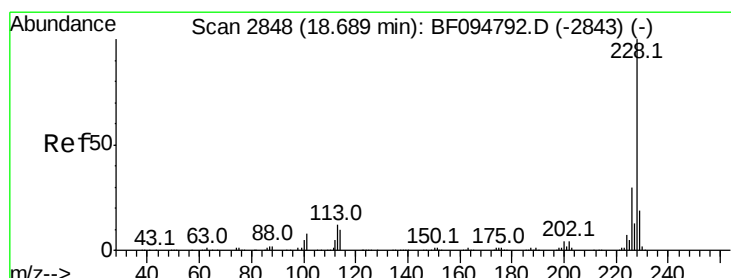
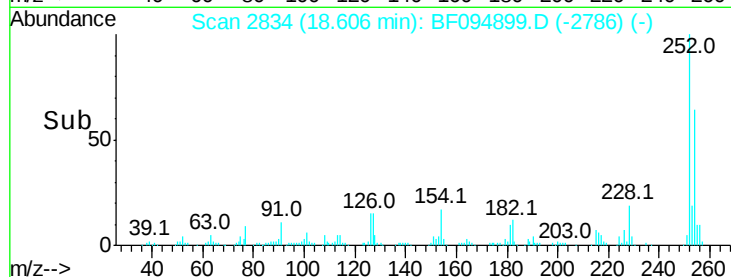
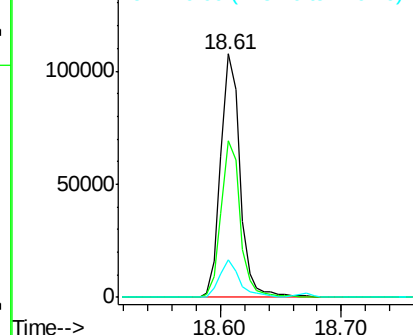
#81
 3,3'-Dichlorobenzidine
 Concen: 28.48 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 119600
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.5 77.3
 126 15.3 15.8 23.8#

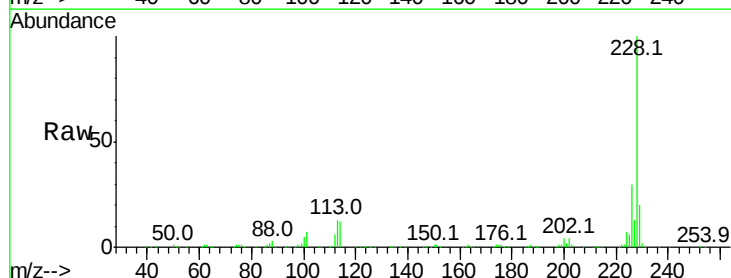


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

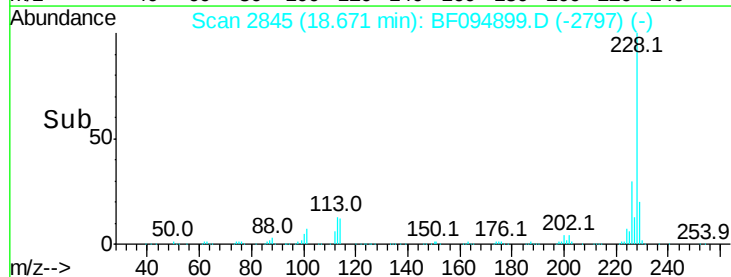
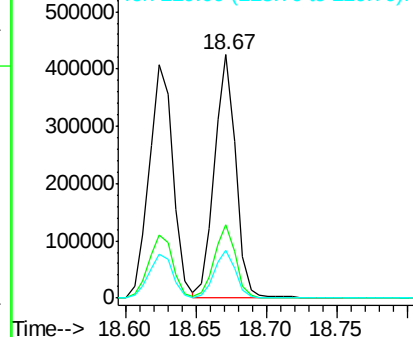


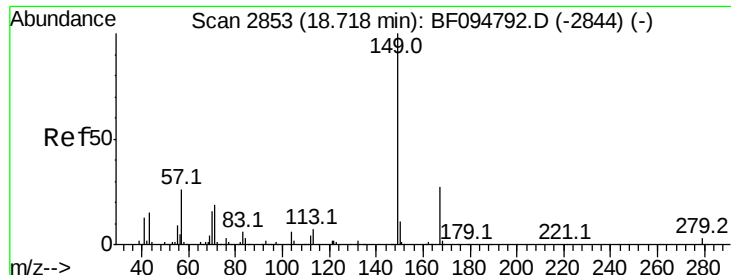
#82
 Chrysene
 Concen: 37.76 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion:228 Resp: 443912
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.7 15.8 23.6



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

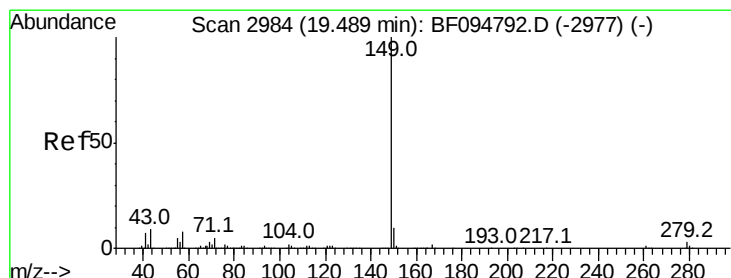
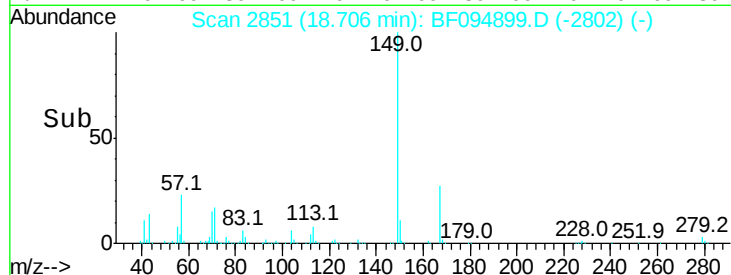
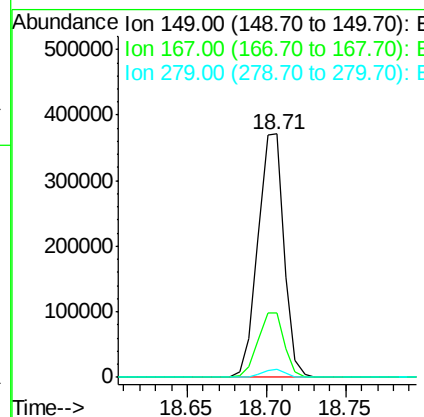
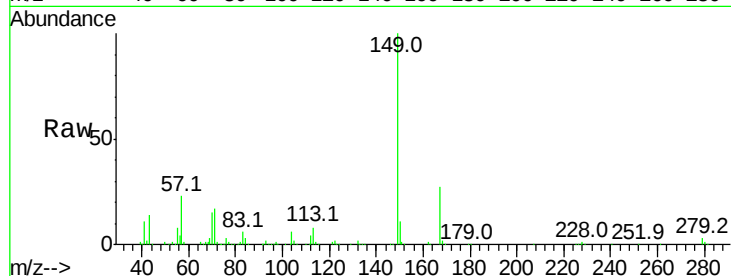




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.26 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

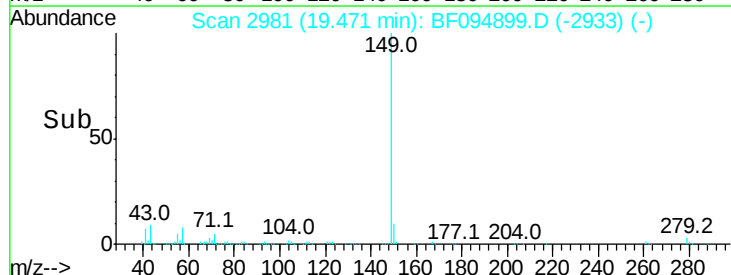
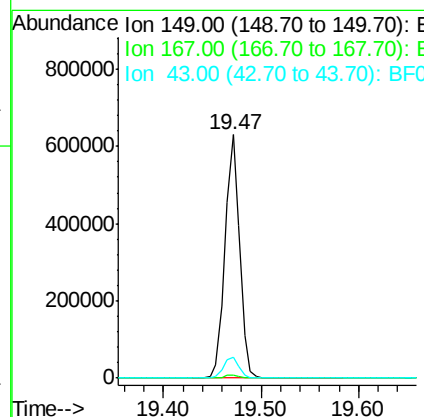
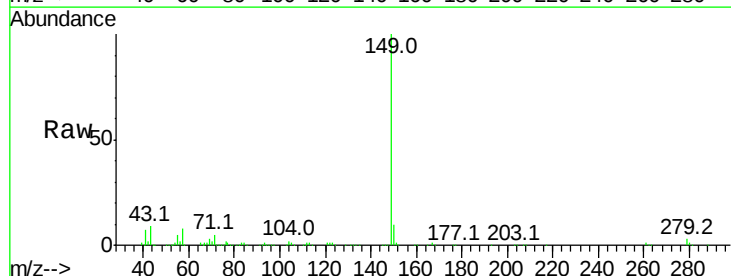
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 427271
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 38.63 ng
 RT: 19.47 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion:149 Resp: 655800
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.0 8.5 12.7

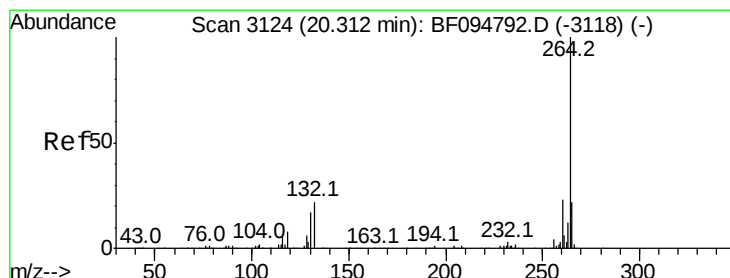
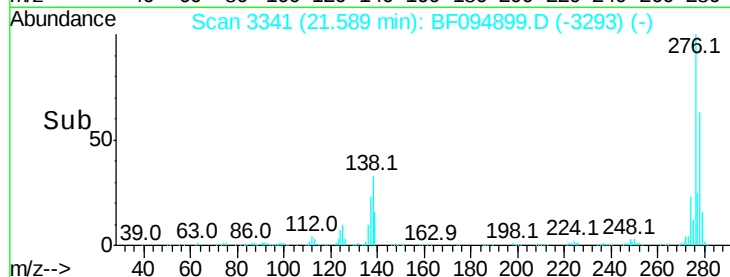
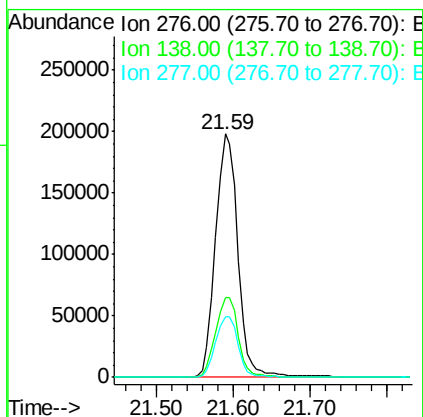
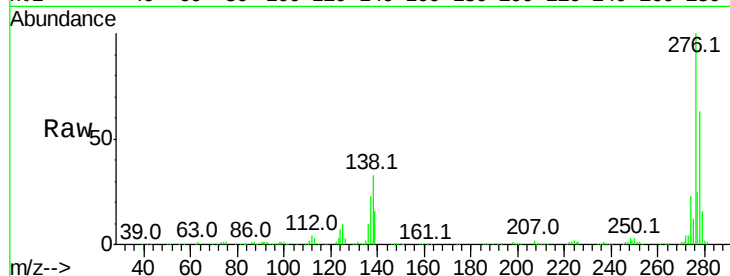




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.75 ng
 RT: 21.59 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

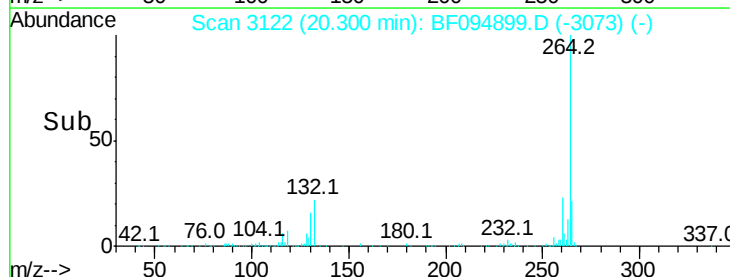
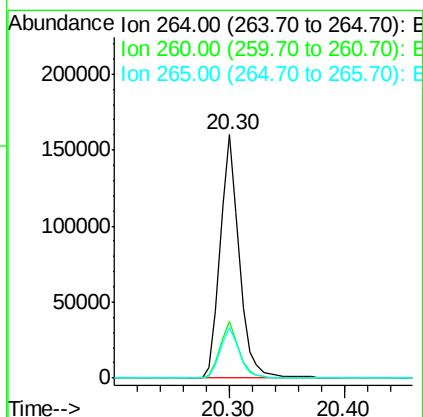
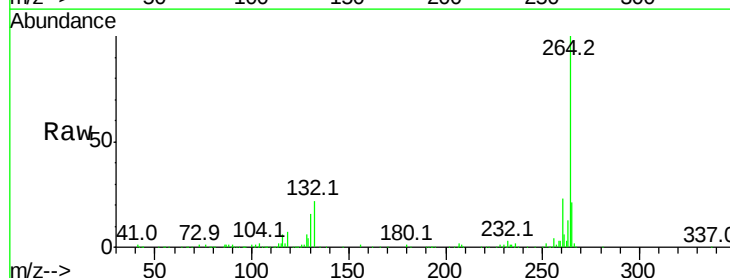
Instrument :
 BNA_F
 ClientSampleId :

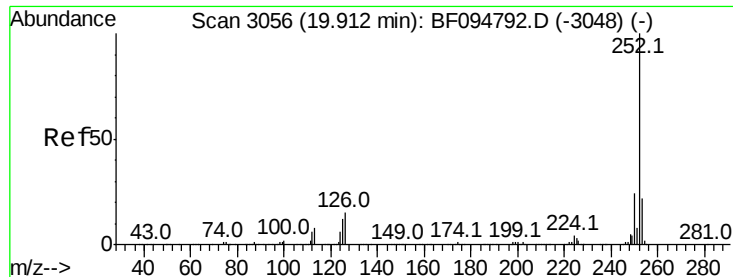
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094899.D
 Acq: 5 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.02 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

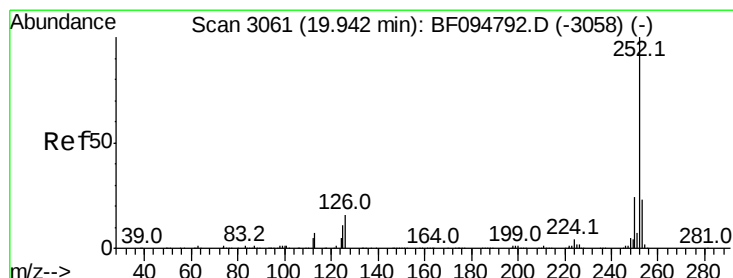
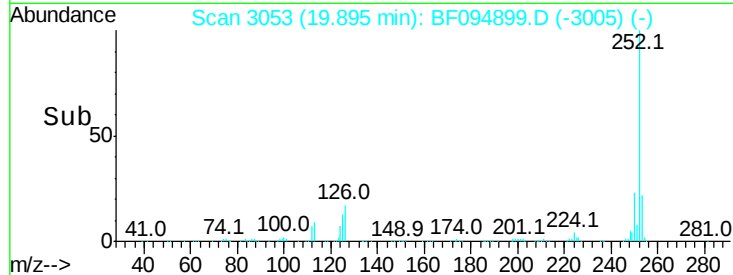
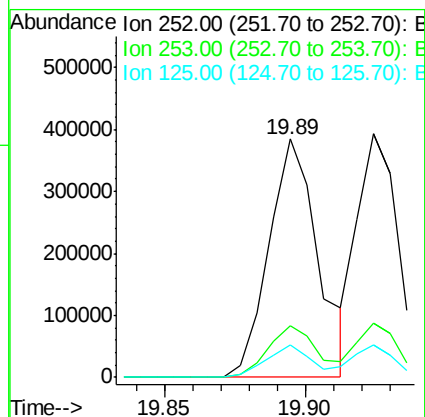
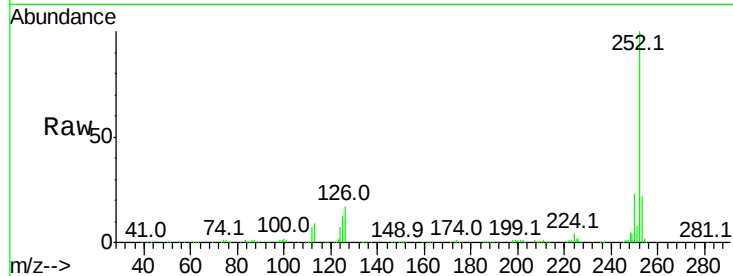
Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 464769

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	13.5	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 36.85 ng

RT: 19.92 min Scan# 3058

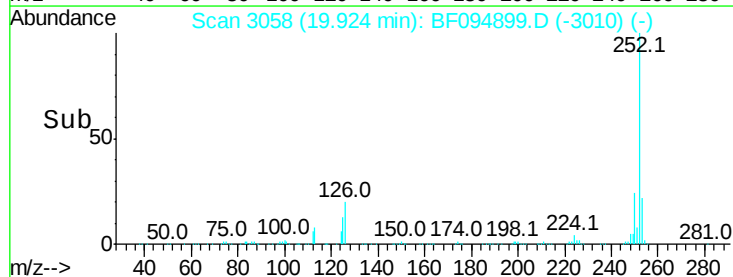
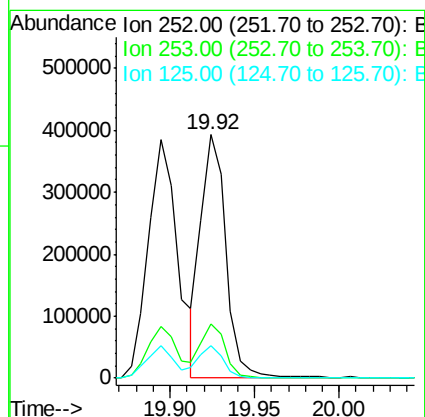
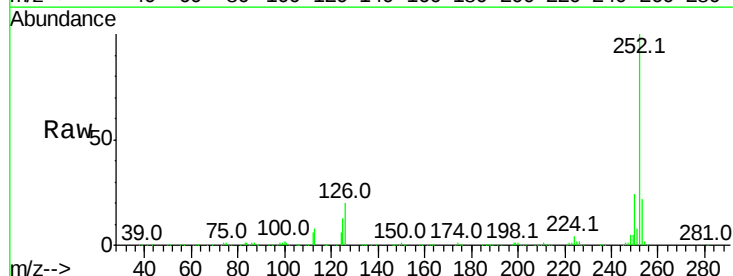
Delta R.T. -0.02 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Tgt Ion:252 Resp: 402741

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	13.3	13.1	19.7

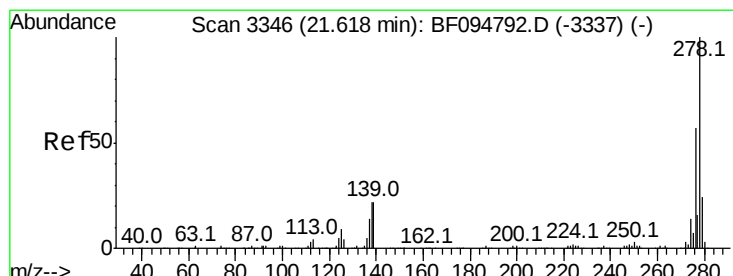
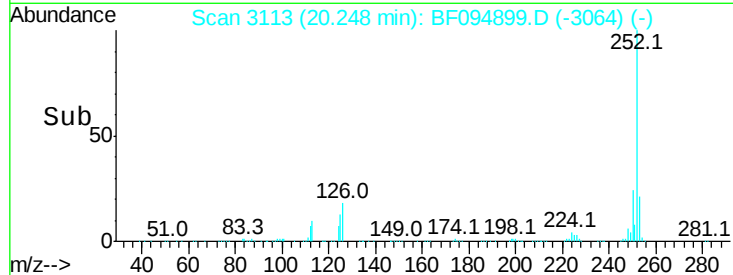
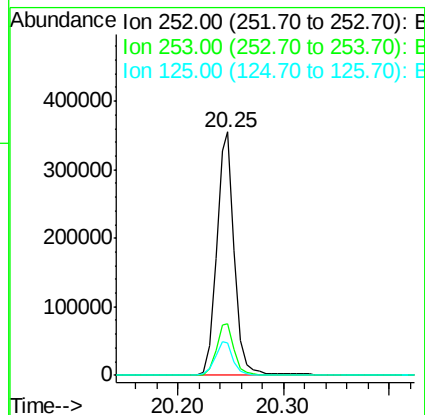
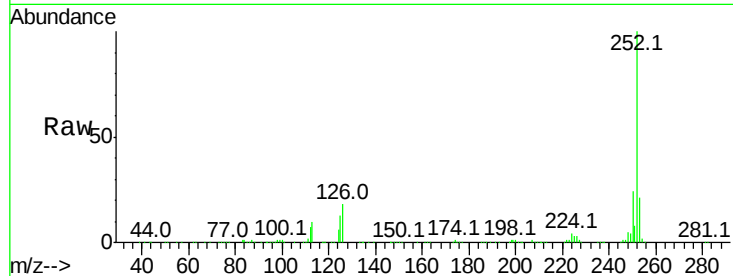




#89
Benzo(a)pyrene
Concen: 40.19 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

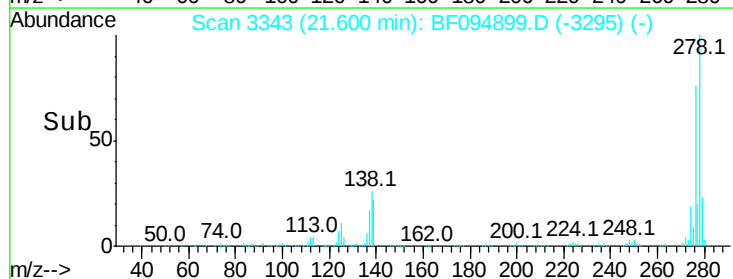
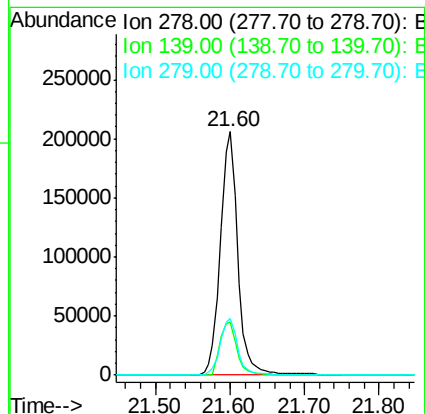
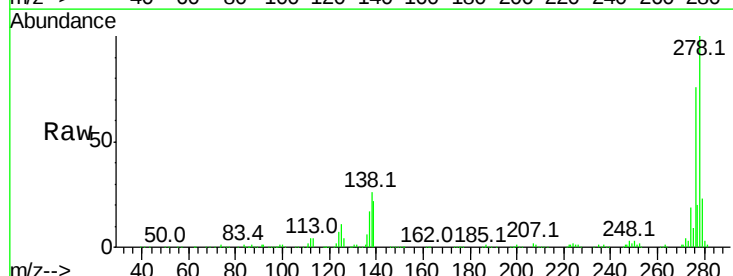
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 420209
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 13.1 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.92 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094899.D
Acq: 5 May 2017 5:20

Tgt Ion:278 Resp: 336045
Ion Ratio Lower Upper
278 100
139 21.8 16.6 24.8
279 23.2 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 38.14 ng

RT: 21.97 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF094899.D

Acq: 5 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

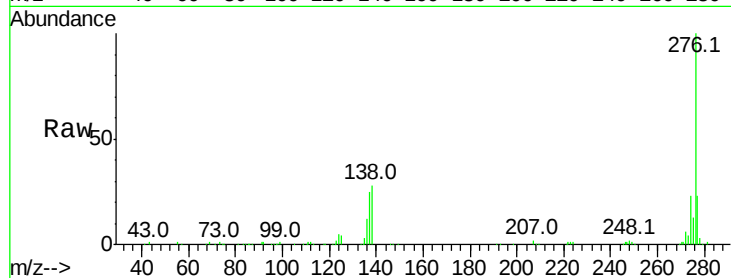
Tot Ion: 276 Resp: 323194

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 28.2 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

