

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094844.D
 Acq On : 3 May 2017 20:34
 Operator : SJ/MA
 Sample : I2914-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:11:27 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	7.73	152	96203	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	390736	20.00	ng	0.00
38) Acenaphthene-d10	12.57	164	100537	20.00	ng	-0.01
63) Phenanthrene-d10	14.98	188	300783	20.00	ng	0.00
75) Chrysene-d12	18.64	240	112673	20.00	ng	-0.02
86) Perylene-d12	20.31	264	2367	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	808891	140.18	ng	0.02
7) Phenol-d6	7.28	99	717569	103.64	ng	0.00
23) Nitrobenzene-d5	8.63	82	604882	97.62	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	239015	290.29	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1188379	170.13	ng	0.00
78) Terphenyl-d14	17.31	244	1023262	200.03	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	101667	35.93	ng	# 83
4) n-Nitrosodimethylamine	2.82	42	84418	30.88	ng	85
8) 2-Chlorophenol	7.42	128	311557	47.44	ng	95
9) Benzaldehyde	7.05	77	57896	13.69	ng	99
10) Phenol	7.30	94	278751	38.21	ng	88
11) bis(2-Chloroethyl)ether	7.37	93	270306	44.88	ng	95
12) 1,3-Dichlorobenzene	7.64	146	299566	40.21	ng	98
13) 1,4-Dichlorobenzene	7.76	146	305006	40.37	ng	98
14) 1,2-Dichlorobenzene	8.00	146	294570	41.77	ng	96
15) Benzyl Alcohol	8.05	79	12281	2.76	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.22	45	362805	42.56	ng	71
17) 2-Methylphenol	8.22	107	188479	35.07	ng	# 82
18) Hexachloroethane	8.51	117	101810	39.78	ng	# 86
19) n-Nitroso-di-n-propylamine	8.44	70	183430	39.17	ng	94
20) 3+4-Methylphenols	8.48	107	259545	35.54	ng	# 56
22) Acetophenone	8.40	105	444088	47.37	ng	# 84
24) Nitrobenzene	8.66	77	315322	48.55	ng	93
25) Isophorone	9.06	82	520670	47.06	ng	# 94
26) 2-Nitrophenol	9.17	139	164904	47.05	ng	96
27) 2,4-Dimethylphenol	9.30	122	209558	36.98	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	72984	9.54	ng	99
29) 2,4-Dichlorophenol	9.58	162	274740	51.35	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	248427	43.34	ng	99
31) Naphthalene	9.78	128	865028	44.05	ng	99
32) Benzoic acid	9.62	122	193657	51.63	ng	94
34) Hexachlorobutadiene	10.00	225	126105	41.70	ng	98
35) Caprolactam	10.72	113	4775	2.97	ng	97
36) 4-Chloro-3-methylphenol	10.77	107	247466	43.26	ng	90
37) 2-Methylnaphthalene	10.91	142	584721	45.37	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	237722	76.89	ng	99
40) Hexachlorocyclopentadiene	11.17	237	209280	154.88	ng	98
42) 2,4,6-Trichlorophenol	11.40	196	189097	91.60	ng	98
43) 2,4,5-Trichlorophenol	11.48	196	197011	88.80	ng	93
45) 1,1'-Biphenyl	11.68	154	703074	83.06	ng	98

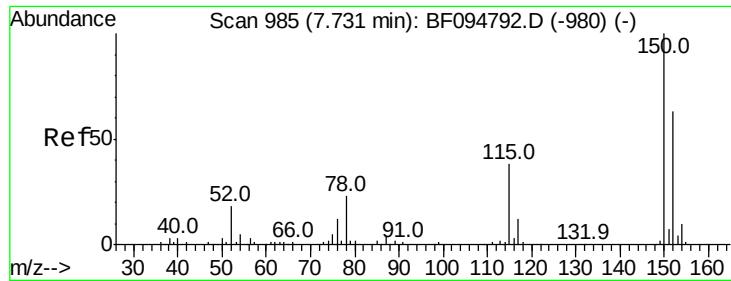
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094844.D
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 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	11.69	162	560628	82.03	nq	96
47) 2-Nitroaniline	11.90	65	36047	19.27	nq	# 83
48) Acenaphthylene	12.34	152	289102	27.01	nq	98
49) Dimethylphthalate	12.22	163	629413	76.26	nq	100
50) 2,6-Dinitrotoluene	12.31	165	159150	94.52	nq	96
51) Acenaphthene	12.62	154	343408	53.71	nq	98
52) 3-Nitroaniline	12.58	138	15747	8.71	nq	# 85
53) 2,4-Dinitrophenol	12.77	184	176253	181.45	nq	# 72
54) Dibenzofuran	12.92	168	845908	95.60	nq	98
55) 4-Nitrophenol	12.95	139	196345	180.88	nq	# 79
56) 2,4-Dinitrotoluene	12.97	165	215821	99.75	nq	# 87
57) Fluorene	13.47	166	642983	83.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	153105	109.65	nq	95
59) Diethylphthalate	13.37	149	603105	76.24	nq	98
60) 4-Chlorophenyl-phenylether	13.50	204	305840	90.45	nq	90
61) 4-Nitroaniline	13.57	138	20701	12.48	nq	95
62) Azobenzene	13.75	77	145004	22.81	nq	95
64) 4,6-Dinitro-2-methylphenol	13.62	198	120775	59.90	nq	# 71
66) 4-Bromophenyl-phenylether	14.28	248	172373	54.24	nq	99
67) Hexachlorobenzene	14.37	284	168269	51.67	nq	# 89
68) Atrazine	14.71	200	37867	12.29	nq	# 36
69) Pentachlorophenol	14.71	266	182368	120.64	nq	97
70) Phenanthrene	15.02	178	905052	52.37	nq	98
71) Anthracene	15.09	178	714151	40.45	nq	99
73) Di-n-butylphthalate	15.95	149	908618	45.36	nq	98
74) Fluoranthene	16.75	202	656757	37.05	nq	98
77) Pyrene	17.05	202	276267	32.78	nq	100
79) Butylbenzylphthalate	17.95	149	51194	13.06	nq	# 86
80) Benzo(a)anthracene	18.62	228	377364	57.55	nq	99
82) Chrysene	18.67	228	478220	75.42	nq	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	566115	101.37	nq	# 98
84) Di-n-octyl phthalate	19.48	149	820795	89.65	nq	97
85) Indeno(1,2,3-cd)pyrene	21.59	276	73475	14.27	nq	# 85
87) Benzo(b)fluoranthene	19.89	252	278478	1903.99	nq	99
88) Benzo(k)fluoranthene	19.92	252	114624	812.46	nq	# 95
89) Benzo(a)pyrene	20.25	252	74516	552.13	nq	98
90) Dibenzo(a,h)anthracene	21.59	278	152319	1366.56	nq	97
91) Benzo(g,h,i)perylene	21.97	276	71039	649.46	nq	98

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

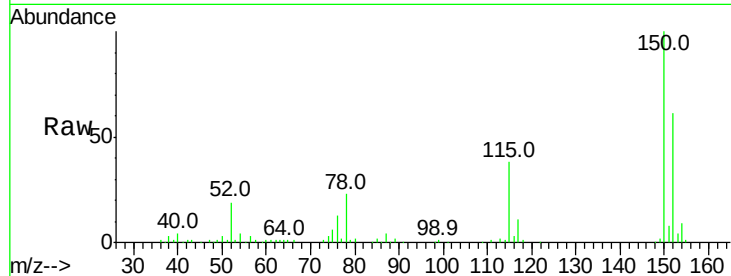


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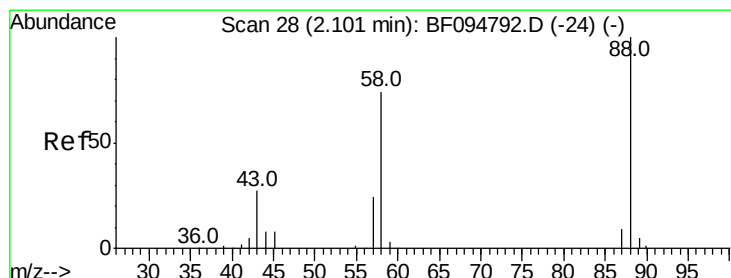
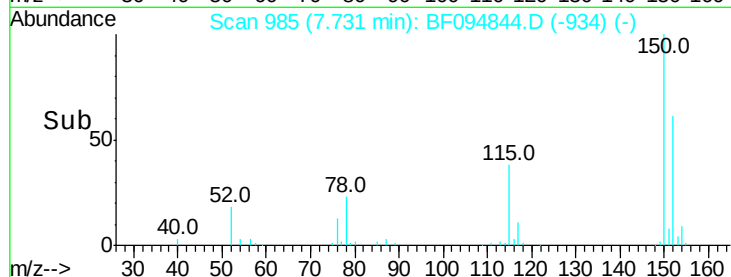
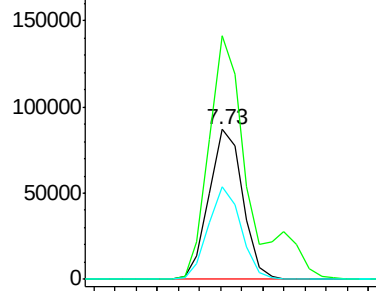
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96203
Ion Ratio Lower Upper
152 100
150 162.7 126.2 189.2
115 61.6 52.2 78.2



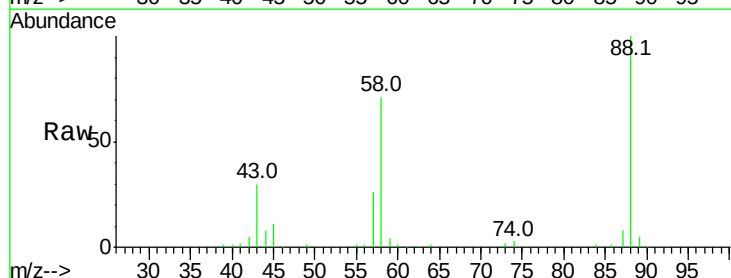
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



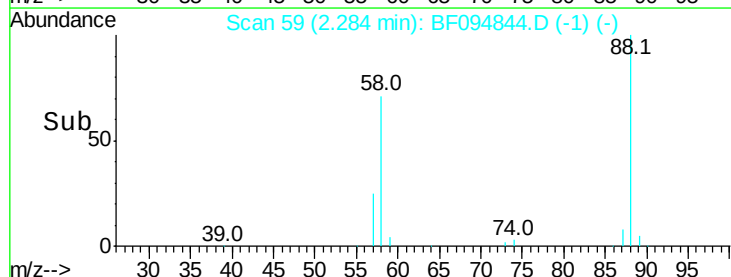
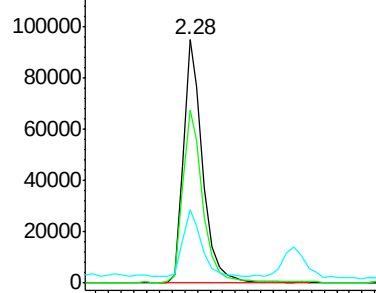
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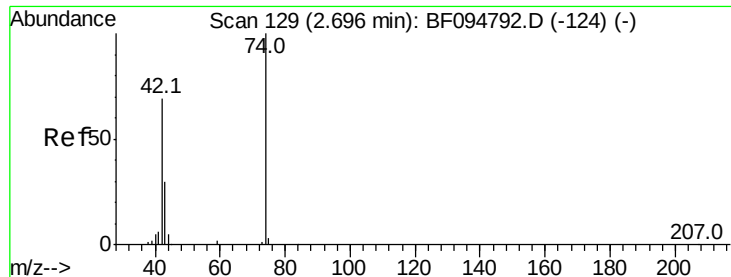
1,4-Dioxane
Concen: 35.93 ng
RT: 2.28 min Scan# 59
Delta R.T. 0.18 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion: 88 Resp: 101667
Ion Ratio Lower Upper
88 100
58 74.8 61.4 92.0
43 0.0 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



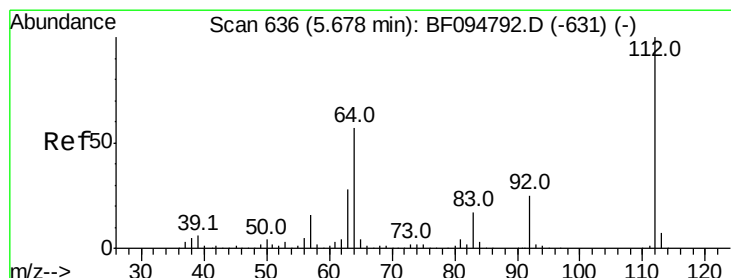
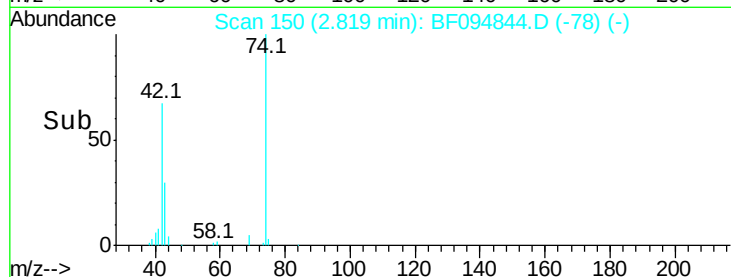
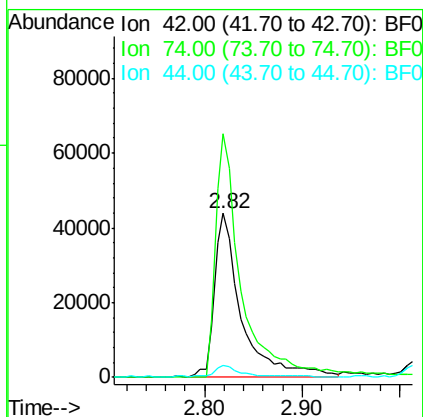
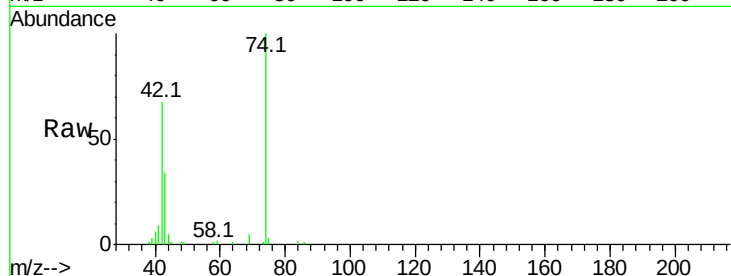


#4

n-Nitrosodimethylamine
Concen: 30.88 ng
RT: 2.82 min Scan# 150
Delta R.T. 0.12 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampled :

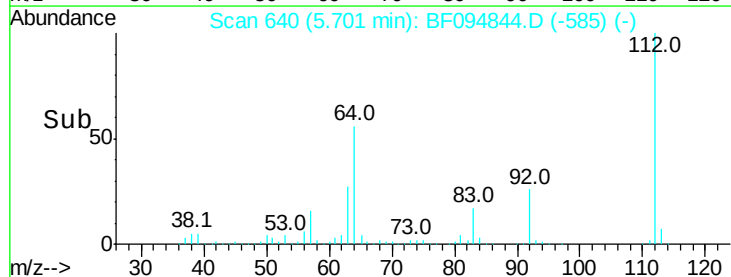
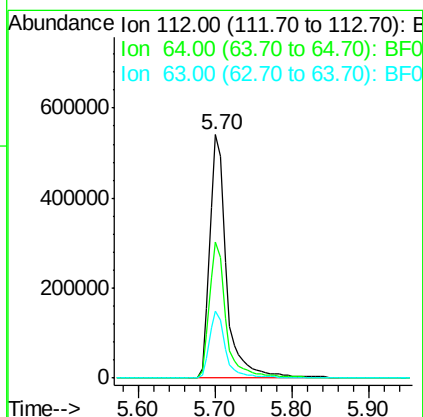
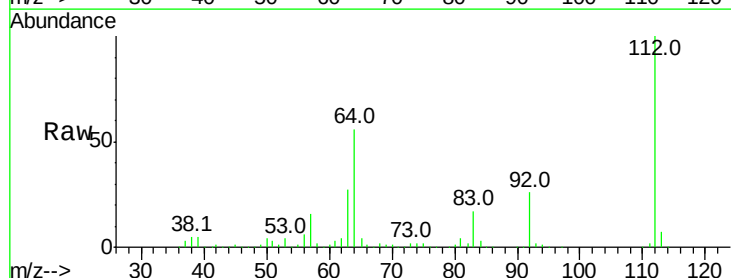
Tot Ion: 42 Resp: 84418
Ion Ratio Lower Upper
42 100
74 148.6 103.9 155.9
44 7.3 5.7 8.5

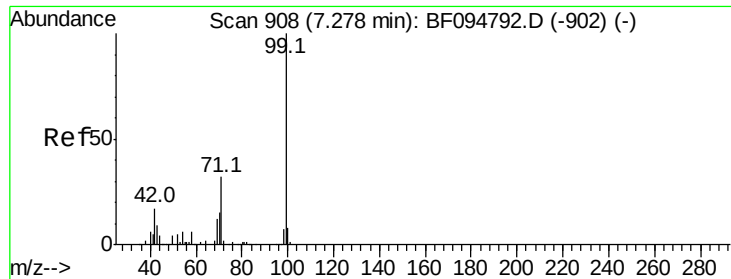


#5

2-Fluorophenol
Concen: 140.18 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.02 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion: 112 Resp: 808891
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 27.5 23.4 35.0





#7

Phenol-d6

Concen: 103.64 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

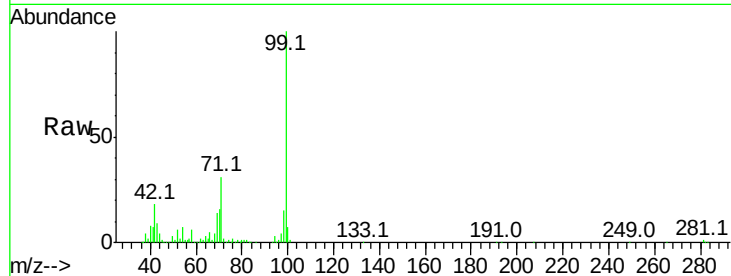
Tot Ion: 99 Resp: 717569

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

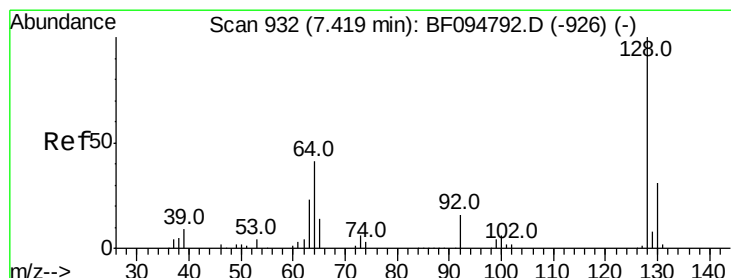
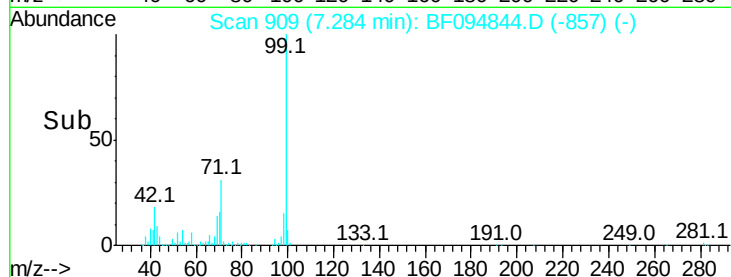
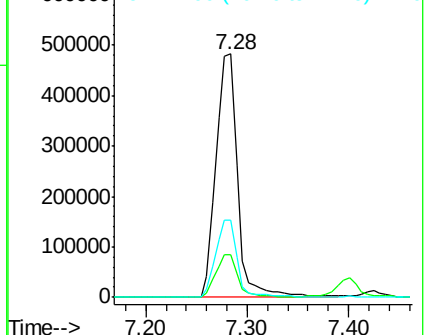
71 31.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.44 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

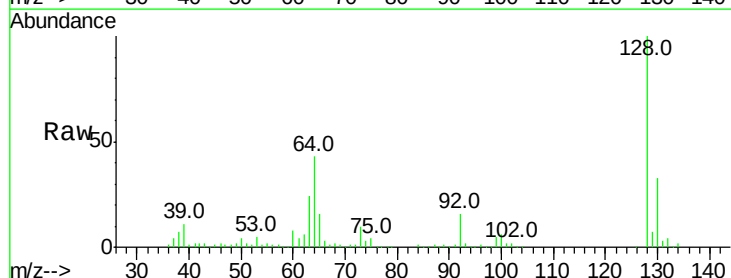
Tgt Ion: 128 Resp: 311557

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

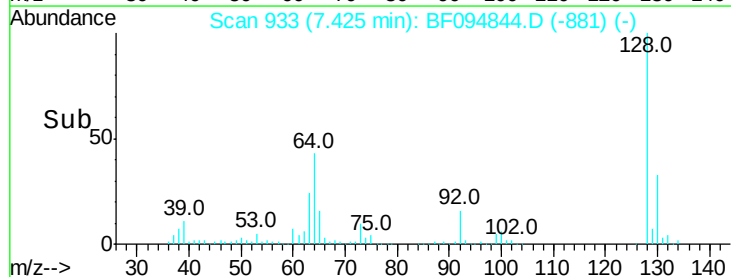
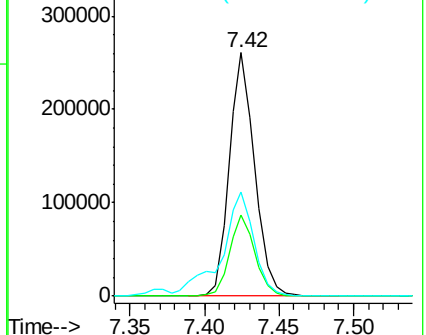
64 42.8 28.4 68.4

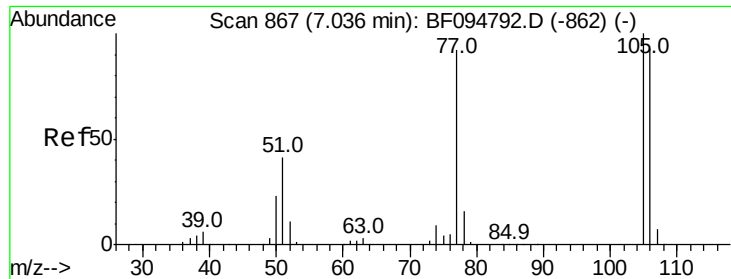


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

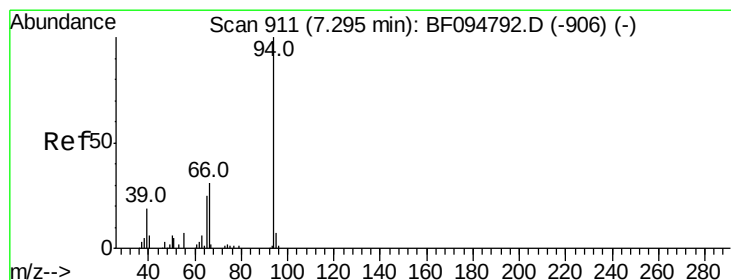
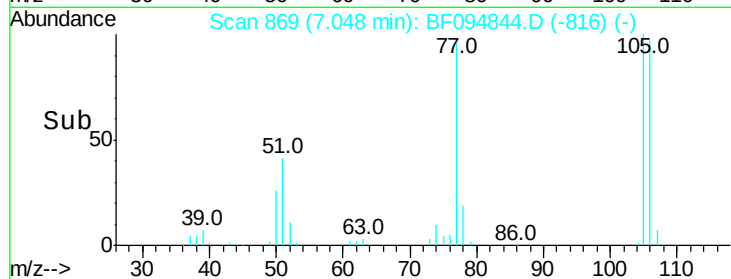
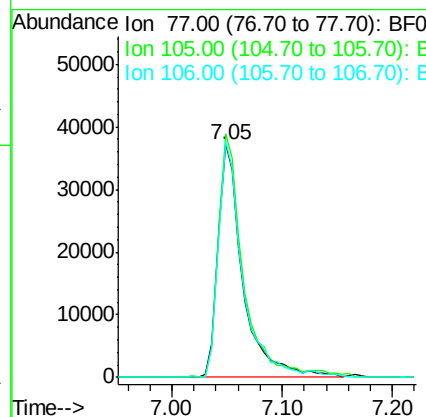
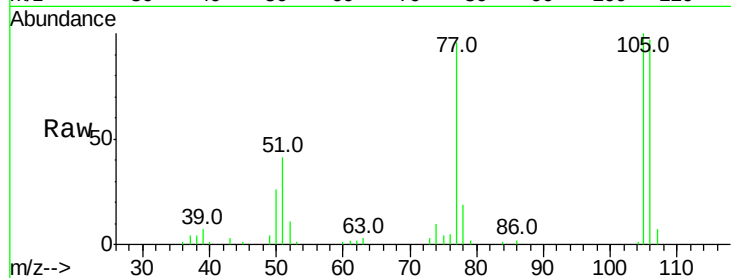




#9
Benzaldehyde
Concen: 13.69 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

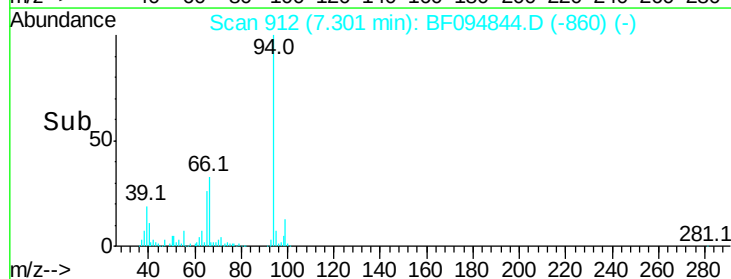
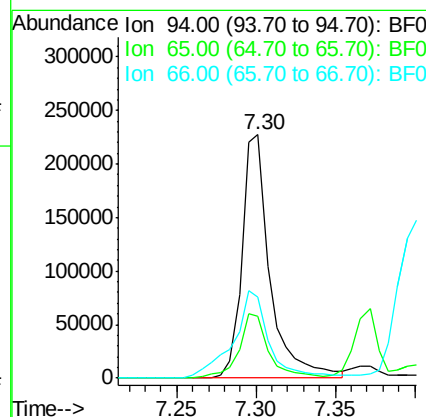
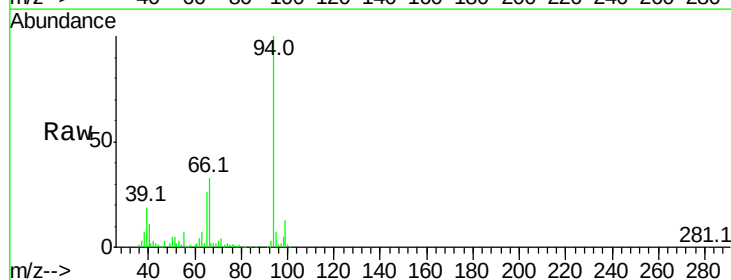
Instrument :
BNA_F
ClientSampleId :

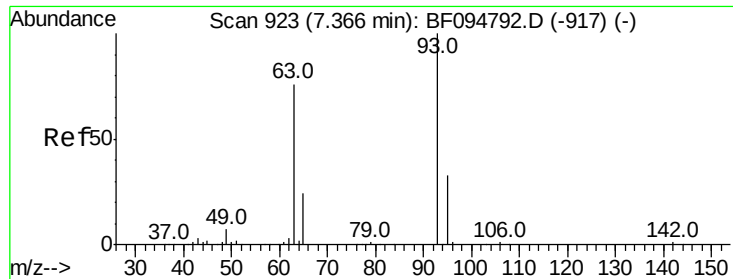
Tot Ion: 77 Resp: 57896
Ion Ratio Lower Upper
77 100
105 104.6 83.8 123.8
106 101.1 79.1 119.1



#10
Phenol
Concen: 38.21 ng
RT: 7.30 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion: 94 Resp: 278751
Ion Ratio Lower Upper
94 100
65 25.5 9.9 49.9
66 33.3 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 44.88 ng

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

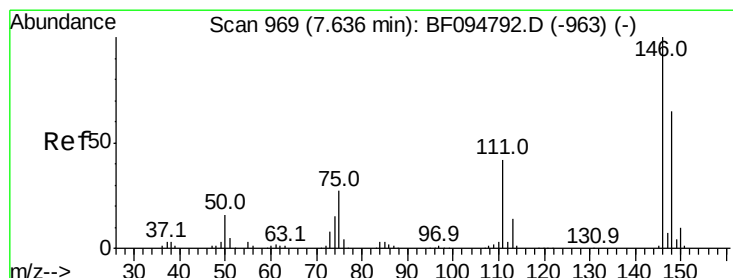
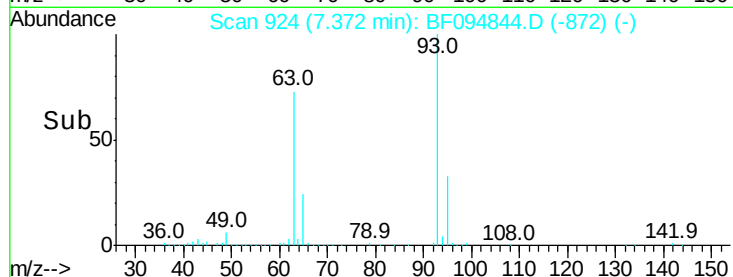
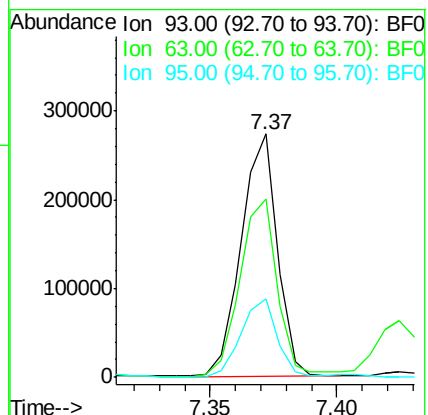
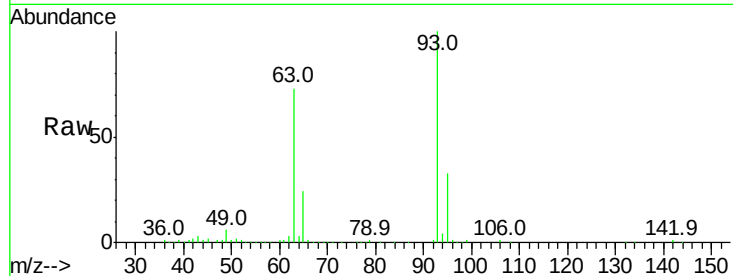
Tot Ion: 93 Resp: 270306

Ion Ratio Lower Upper

93 100

63 73.2 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.21 ng

RT: 7.64 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

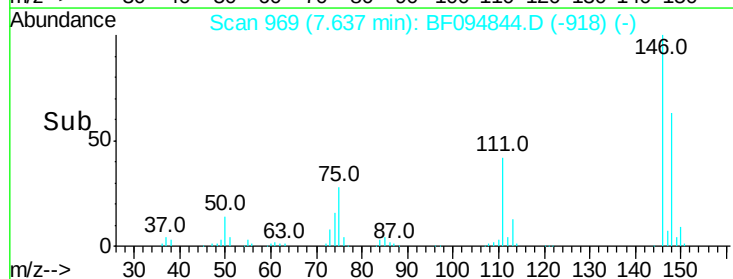
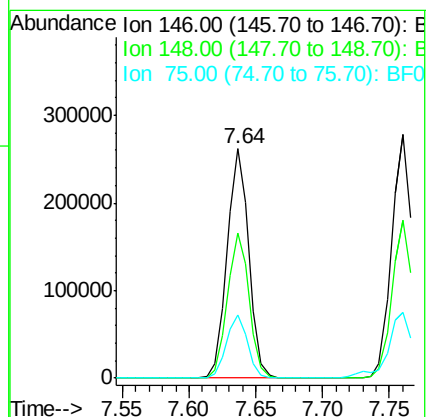
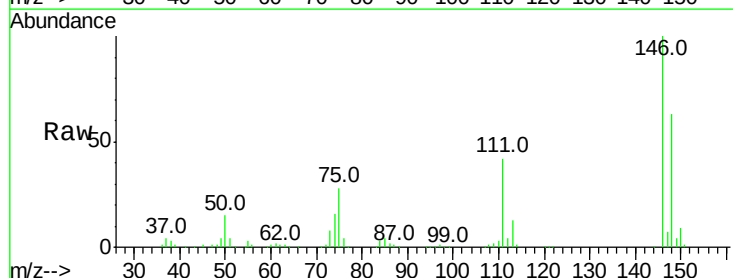
Tgt Ion: 146 Resp: 299566

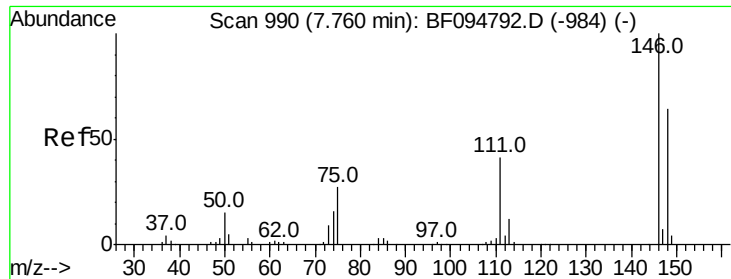
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

75 27.8 23.1 34.7

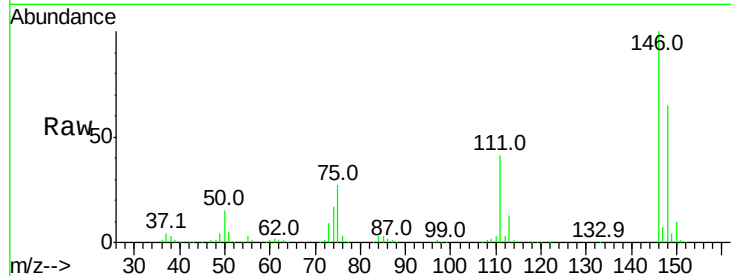




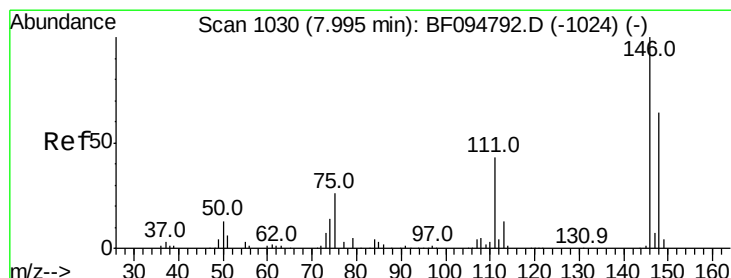
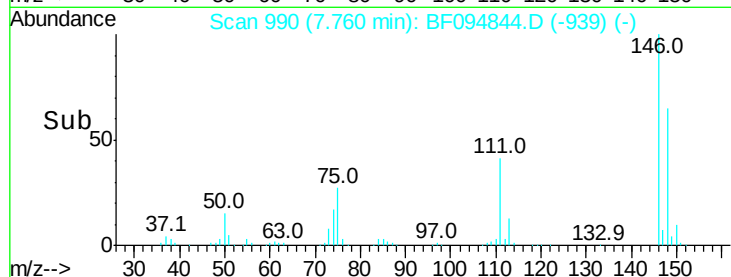
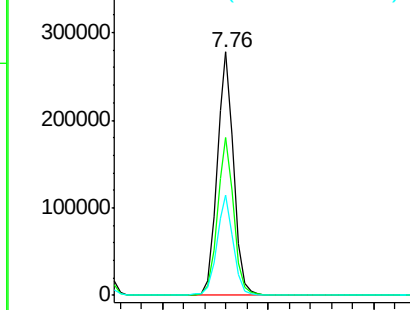
#13
 1,4-Dichlorobenzene
 Concen: 40.37 ng
 RT: 7.76 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 305006
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 111 41.2 30.3 45.5

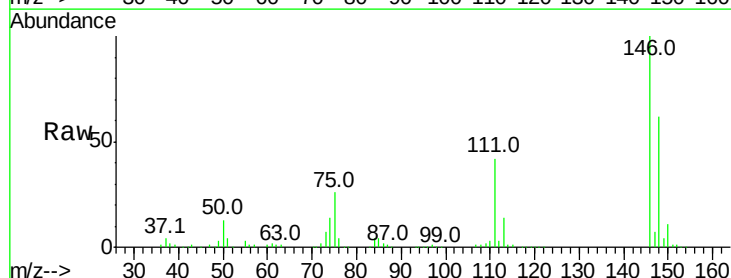


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

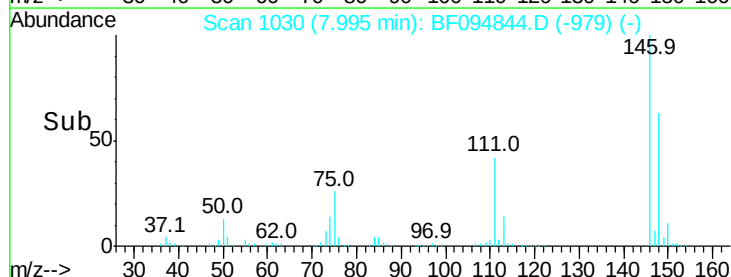
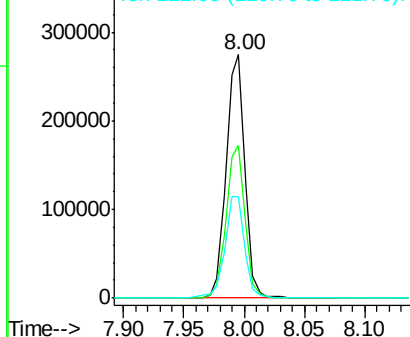


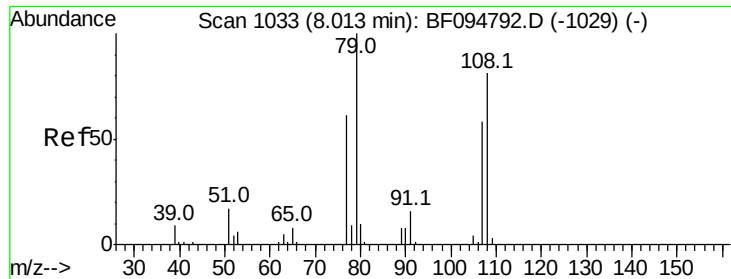
#14
 1,2-Dichlorobenzene
 Concen: 41.77 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion:146 Resp: 294570
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.4 75.6
 111 41.7 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

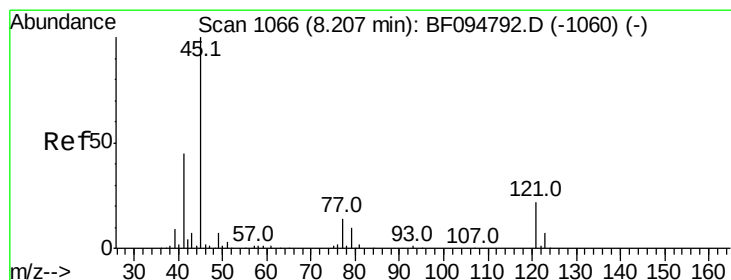
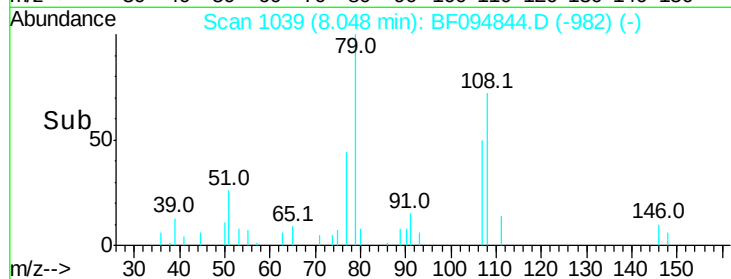
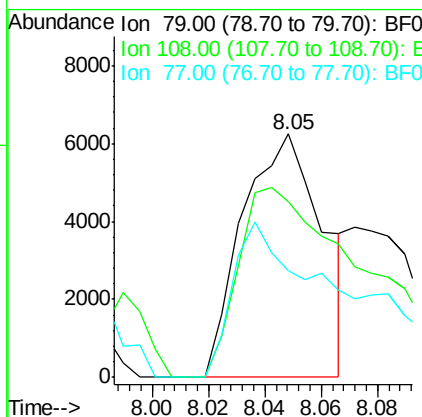
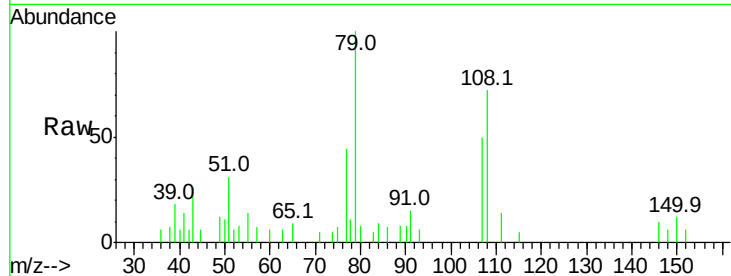




#15
Benzyl Alcohol
Concen: 2.76 ng
RT: 8.05 min Scan# 1039
Delta R.T. 0.04 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

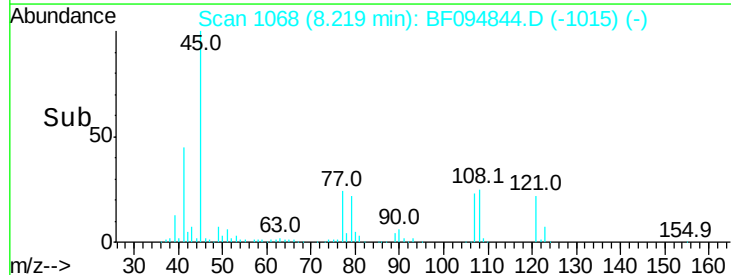
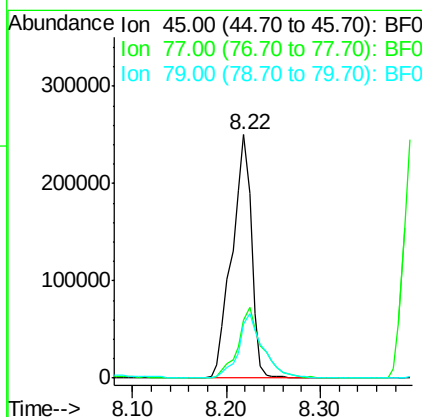
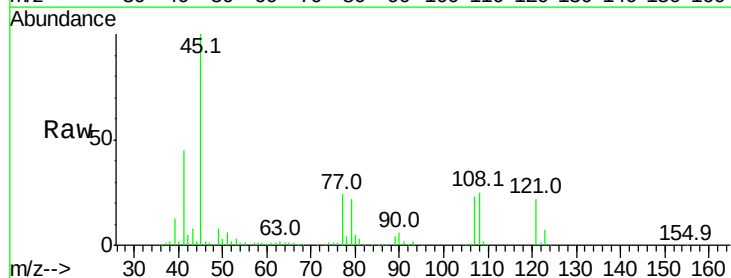
Instrument :
BNA_F
ClientSampled :

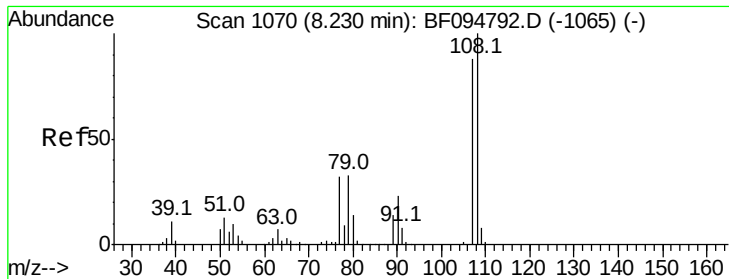
Tot Ion: 79 Resp: 12281
Ion Ratio Lower Upper
79 100
108 72.1 63.4 95.0
77 43.9 49.2 73.8#



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.56 ng
RT: 8.22 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion: 45 Resp: 362805
Ion Ratio Lower Upper
45 100
77 24.0 0.0 33.2
79 22.1 0.0 30.0





#17

2-Methylphenol

Concen: 35.07 ng

RT: 8.22 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 188479

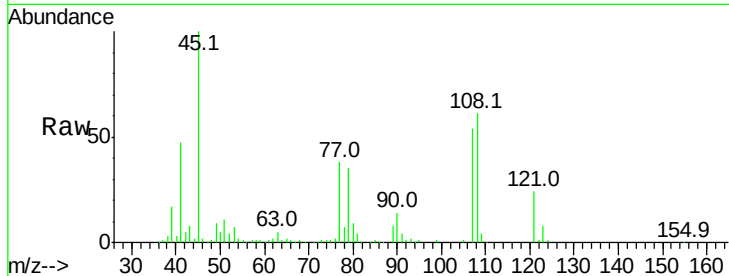
Ion Ratio Lower Upper

107 100

108 111.7 93.4 140.0

77 70.5 35.8 53.6#

79 64.3 34.8 52.2#

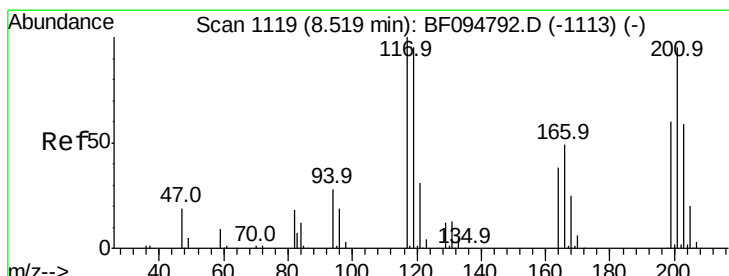
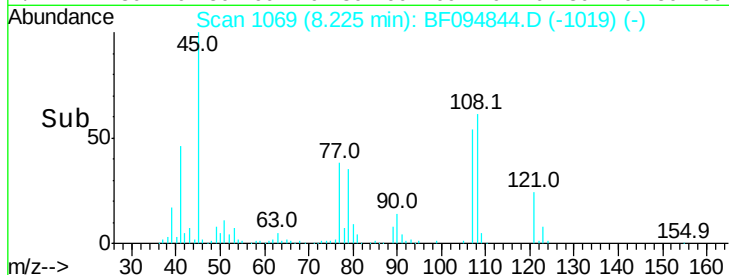
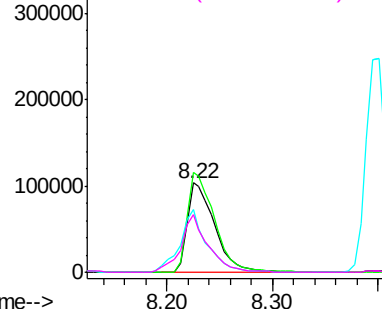


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.78 ng

RT: 8.51 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

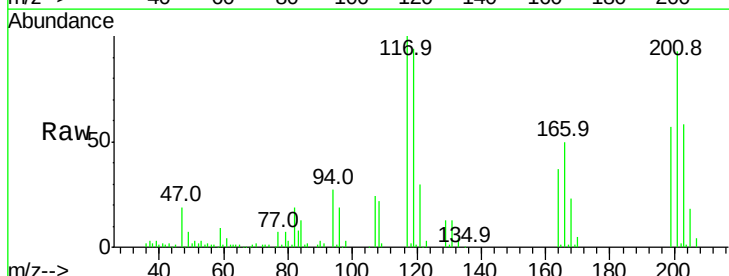
Tgt Ion:117 Resp: 101810

Ion Ratio Lower Upper

117 100

119 94.3 77.4 116.0

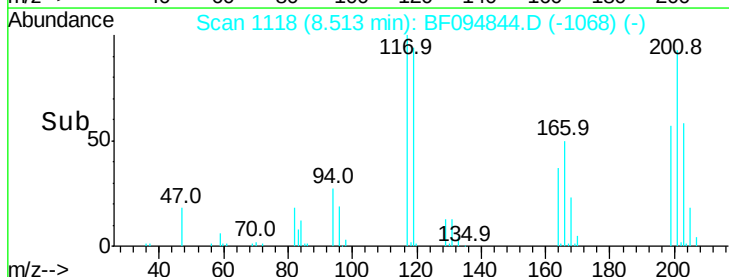
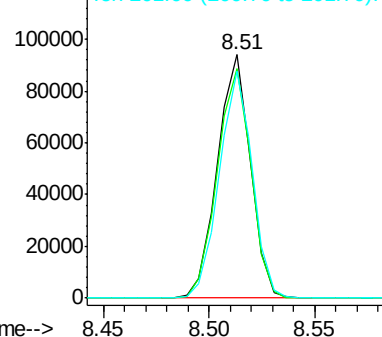
201 93.0 94.6 141.8#

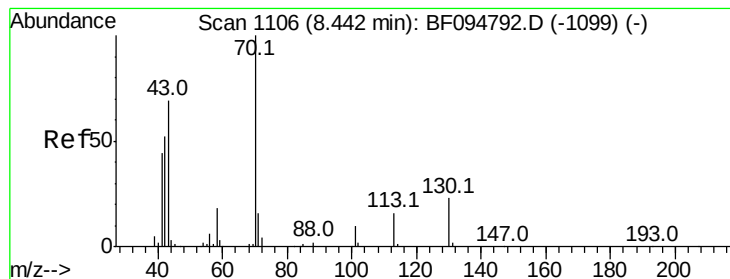


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.17 ng

RT: 8.44 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 183430

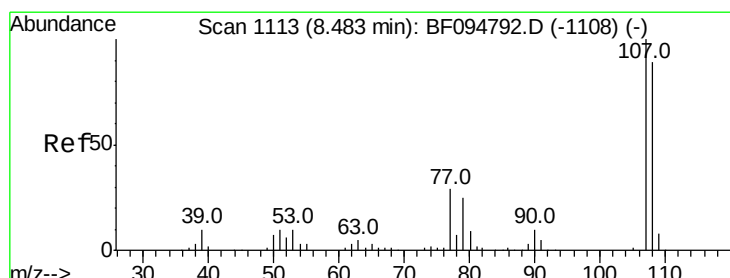
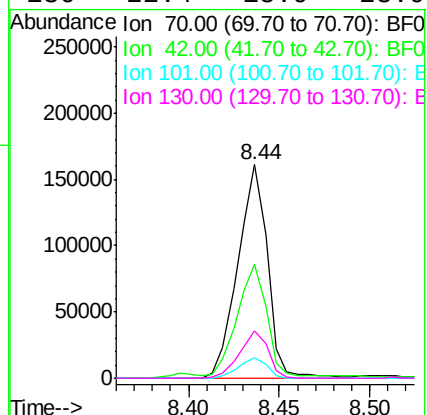
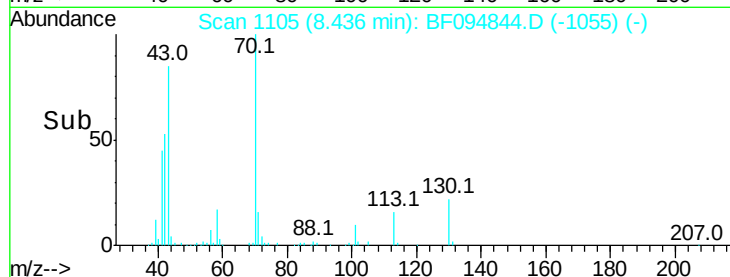
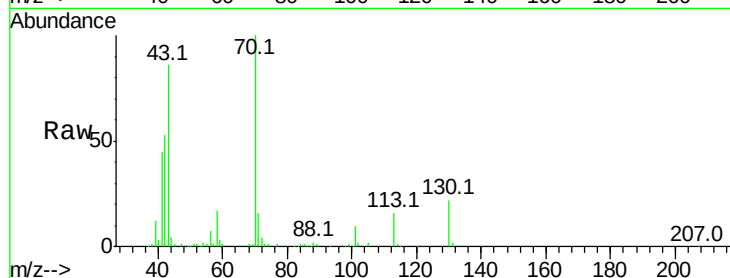
Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.2	70.8
101	9.8	7.2	10.8
130	22.4	15.9	23.9

70 100

42 53.5 47.2 70.8

101 9.8 7.2 10.8

130 22.4 15.9 23.9



#20

3+4-Methylphenols

Concen: 35.54 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tgt Ion:107 Resp: 259545

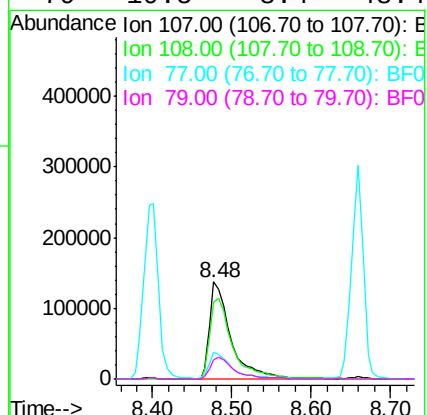
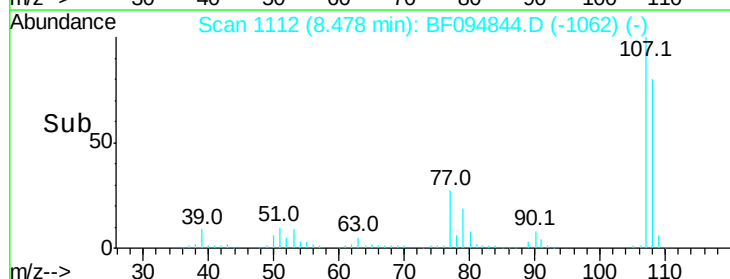
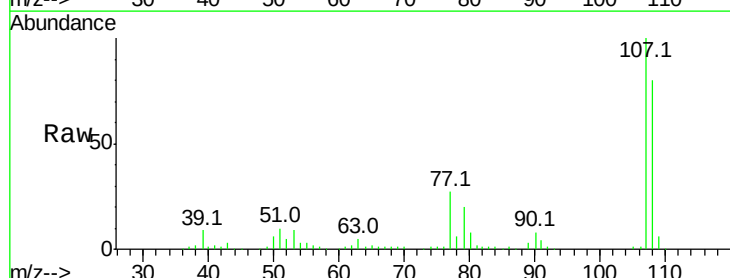
Ion	Ratio	Lower	Upper
107	100		
108	79.6	71.0	111.0
77	27.5	90.5	130.5#
79	19.5	8.4	48.4

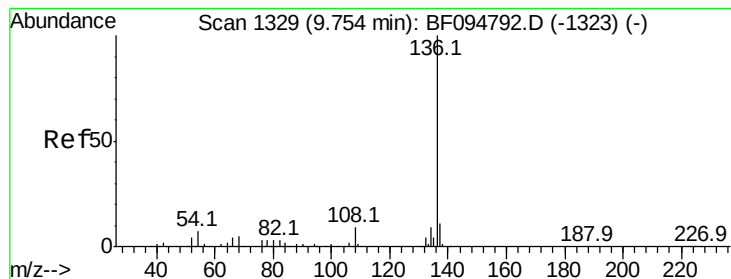
107 100

108 79.6 71.0 111.0

77 27.5 90.5 130.5#

79 19.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 390736

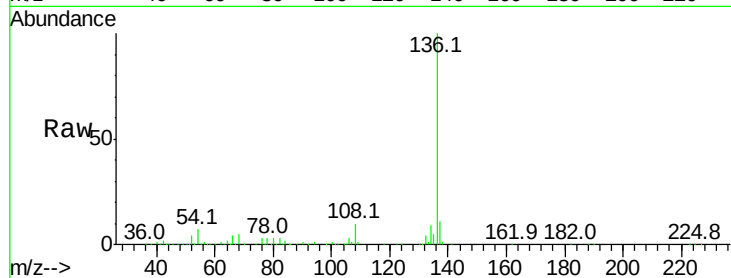
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 5.3 4.1 6.1

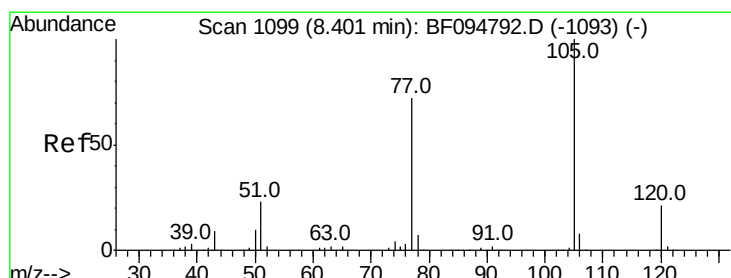
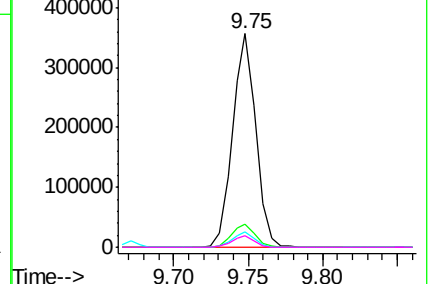
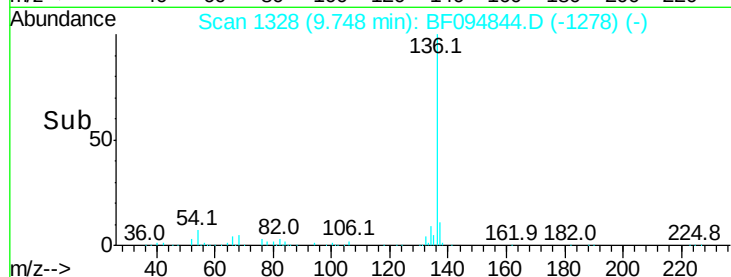


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.37 ng

RT: 8.40 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tgt Ion:105 Resp: 444088

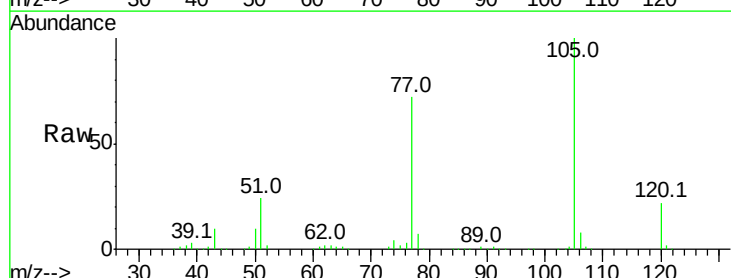
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.5 30.7 46.1#

120 21.9 17.4 26.0

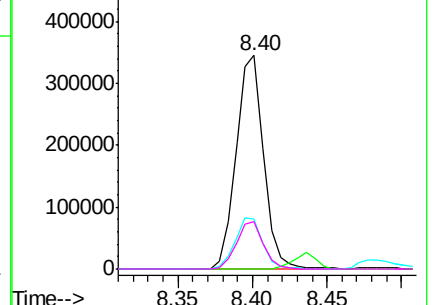
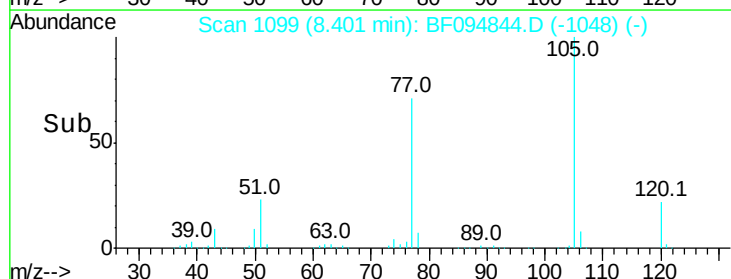


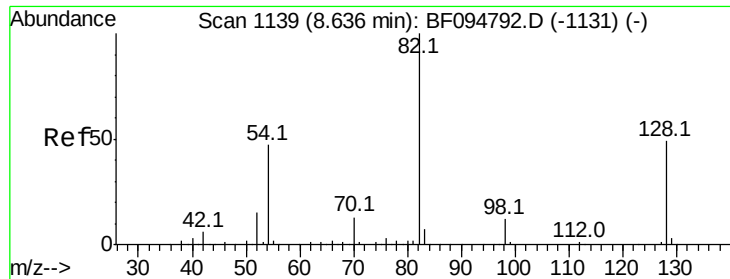
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

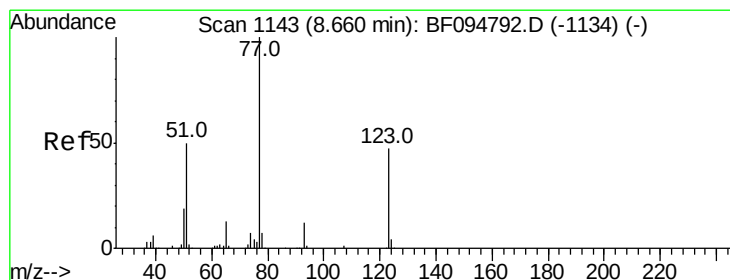
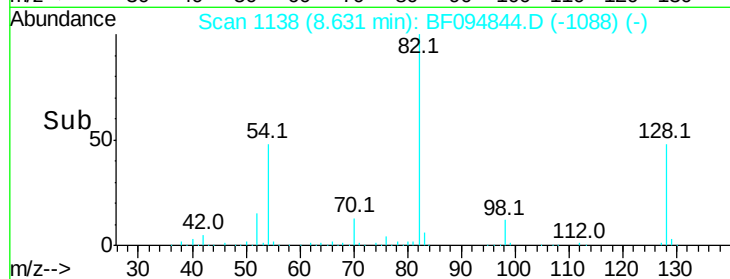
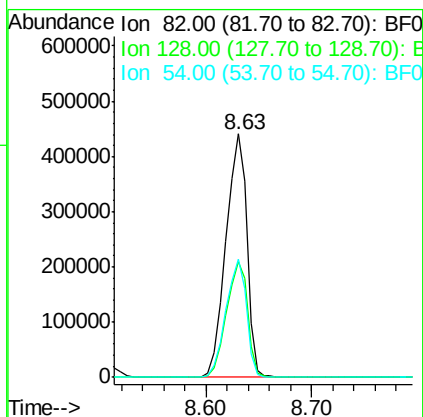
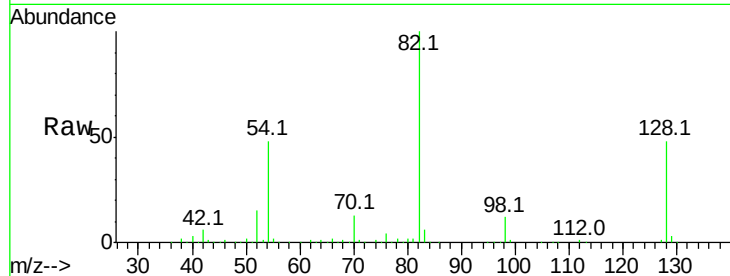




#23
 Nitrobenzene-d5
 Concen: 97.62 ng
 RT: 8.63 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

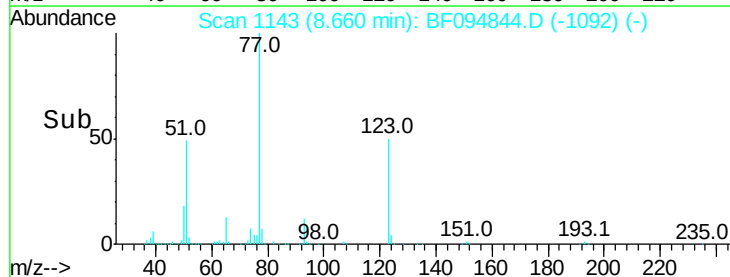
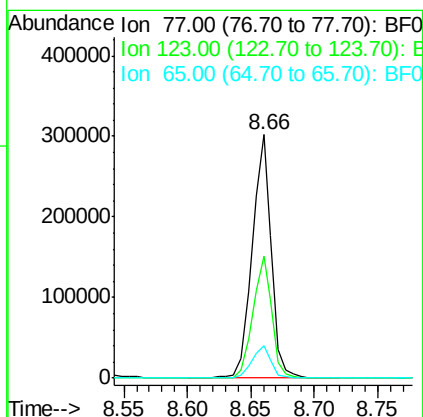
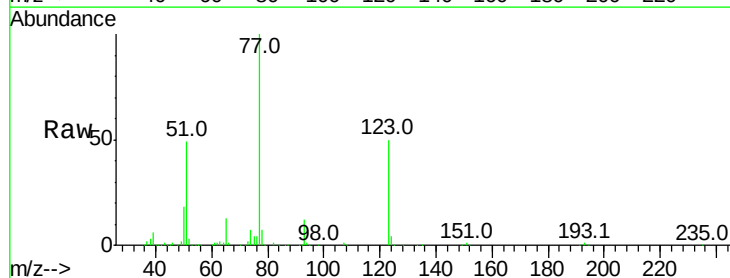
Instrument :
 BNA_F
 ClientSampled :

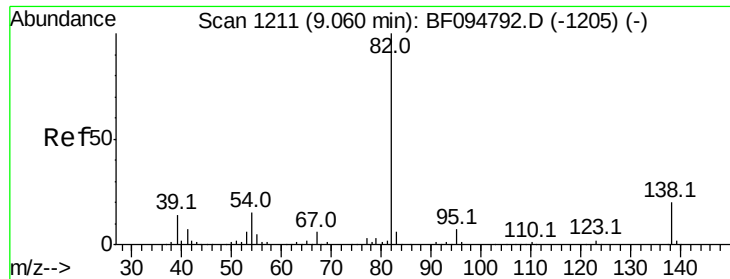
Tot Ion: 82 Resp: 604882
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 48.4 42.2 63.2



#24
 Nitrobenzene
 Concen: 48.55 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion: 77 Resp: 315322
 Ion Ratio Lower Upper
 77 100
 123 50.3 35.8 53.8
 65 13.3 10.6 15.8





#25

Isophorone

Concen: 47.06 ng

RT: 9.06 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

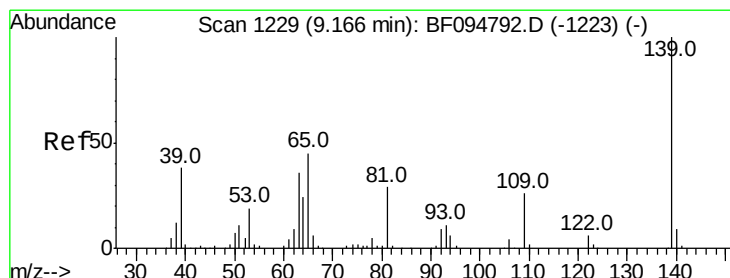
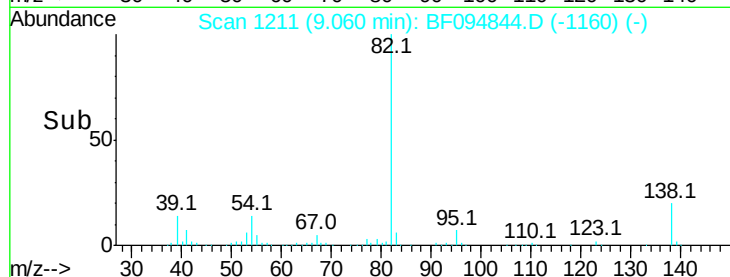
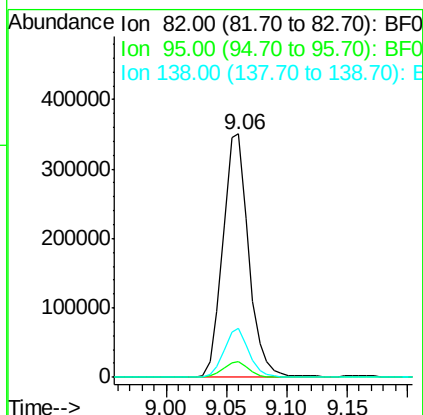
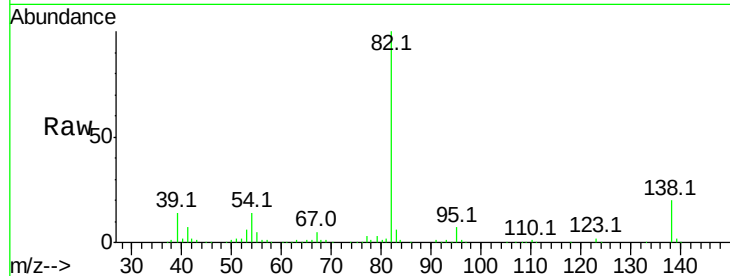
Tot Ion: 82 Resp: 520670

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 20.0 13.1 19.7#



#26

2-Nitrophenol

Concen: 47.05 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

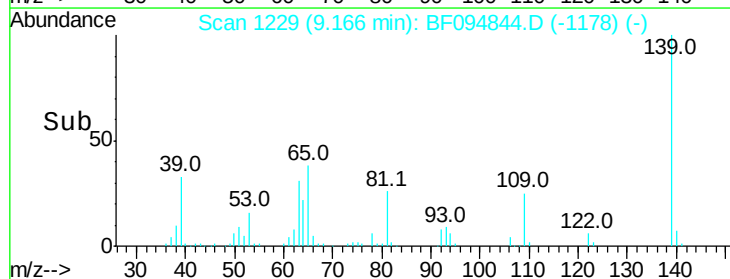
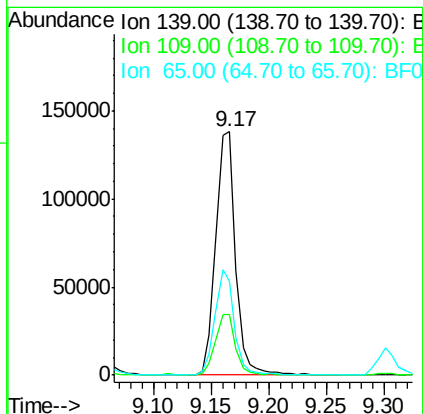
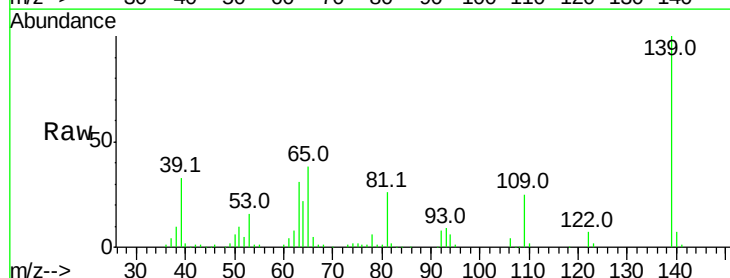
Tgt Ion: 139 Resp: 164904

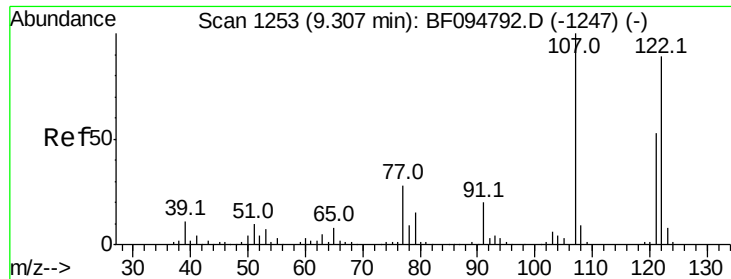
Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.6

65 38.5 33.0 49.6

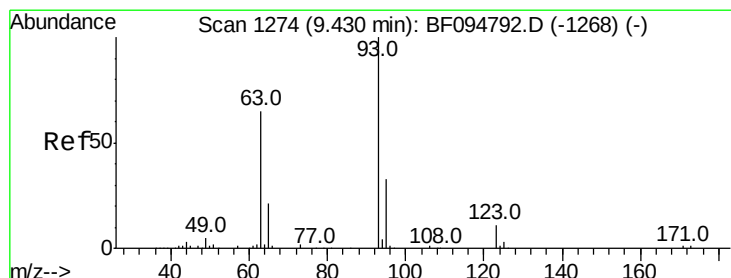
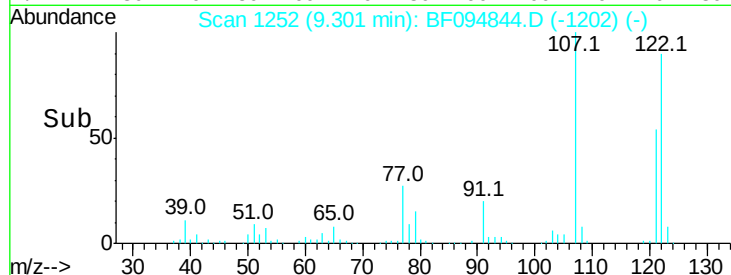
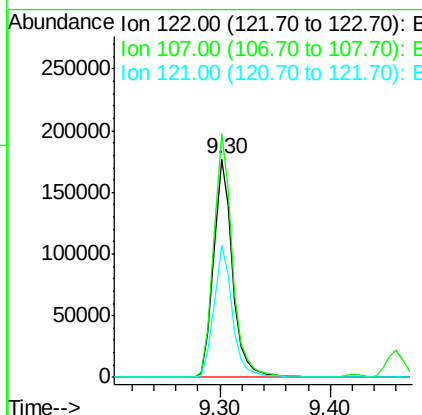
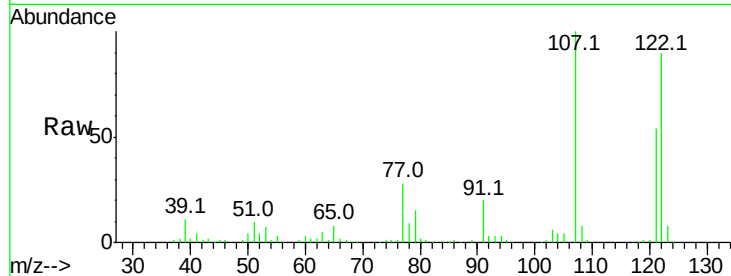




#27
 2,4-Dimethylphenol
 Concen: 36.98 ng
 RT: 9.30 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

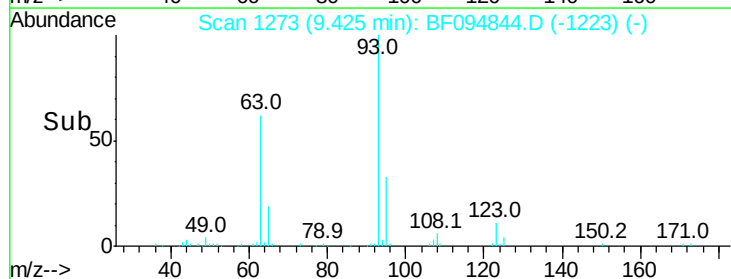
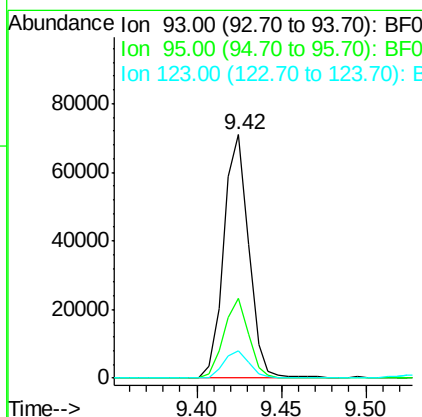
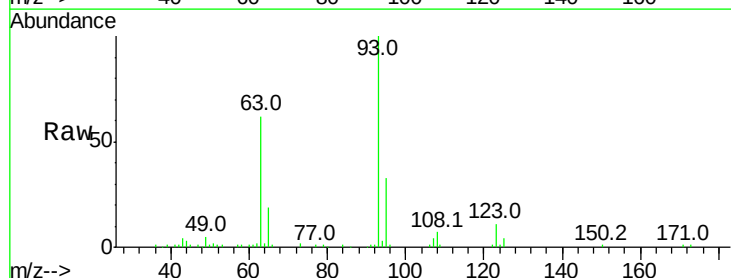
Instrument :
 BNA_F
 ClientSampled :

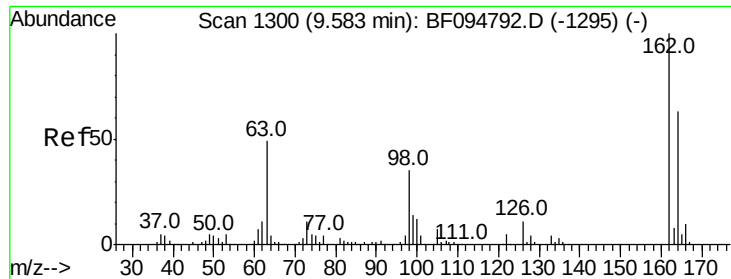
Tot Ion:	122	Resp:	209558
Ion	Ratio	Lower	Upper
122	100		
107	111.5	89.2	133.8
121	60.3	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.54 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion:	93	Resp:	72984
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	11.4	9.0	13.4

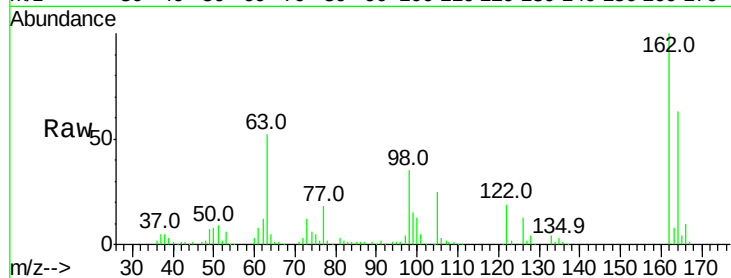




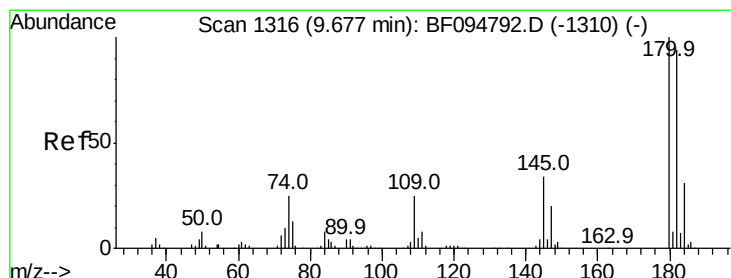
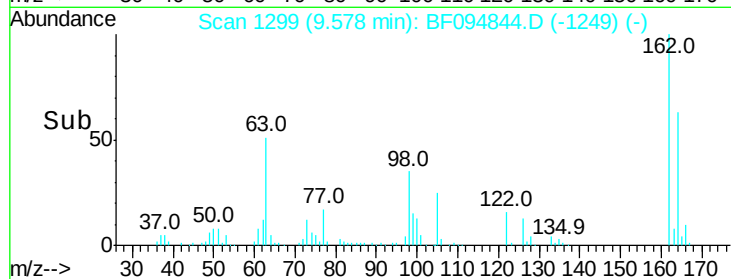
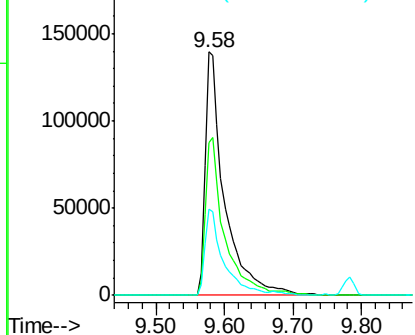
#29
 2,4-Dichlorophenol
 Concen: 51.35 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	35.2	14.8	54.8

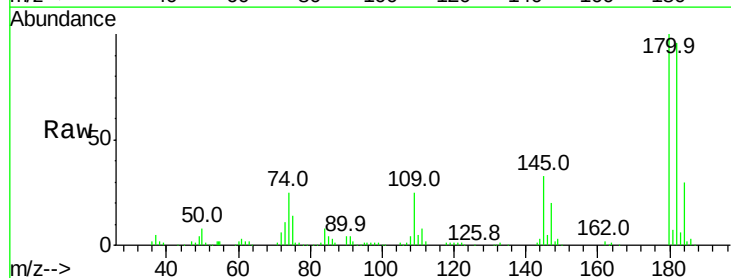


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

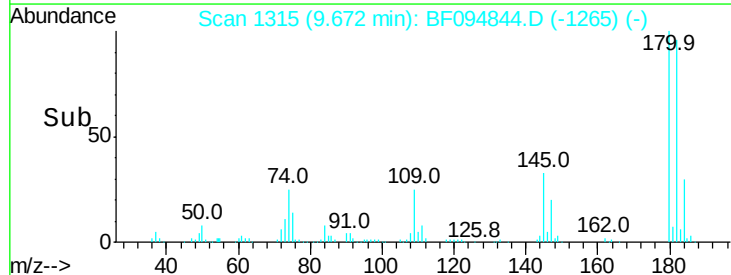
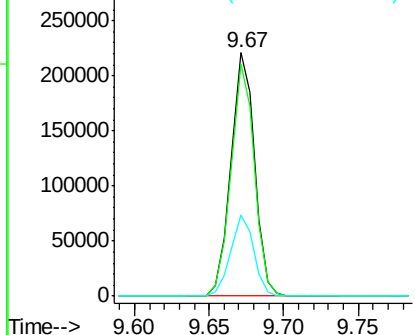


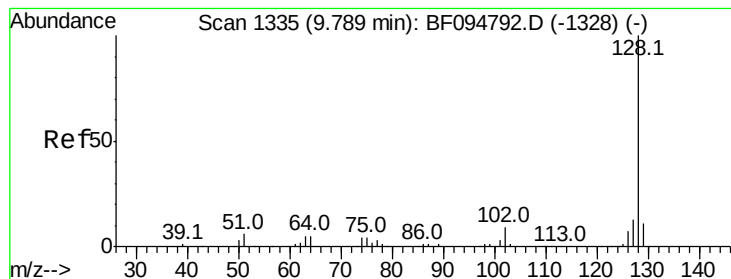
#30
 1,2,4-Trichlorobenzene
 Concen: 43.34 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	33.4	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: 44.05 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

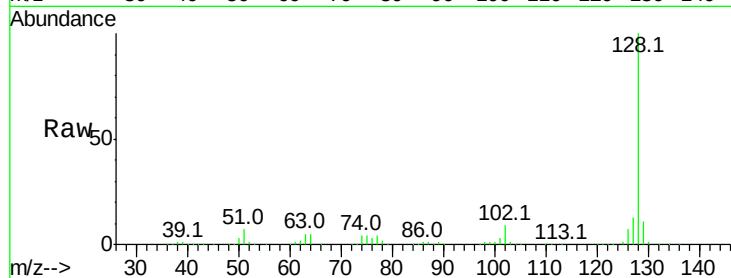
Tot Ion:128 Resp: 865028

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

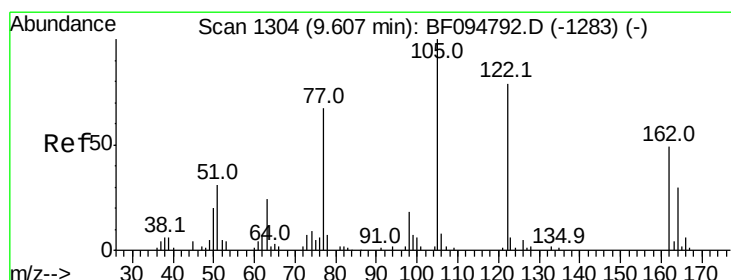
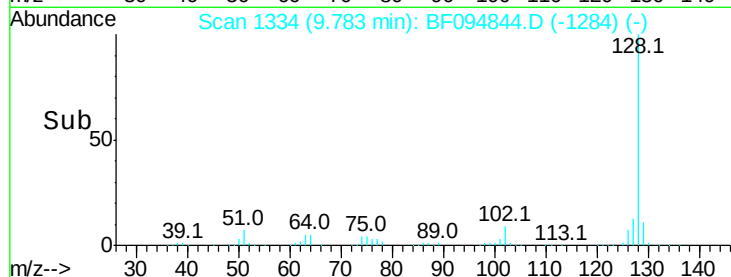
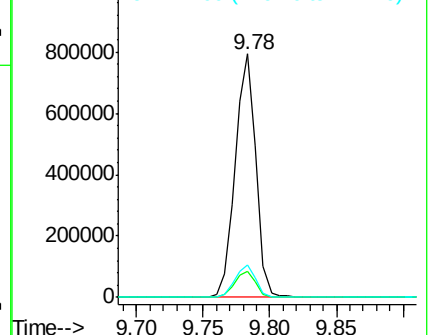
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.63 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

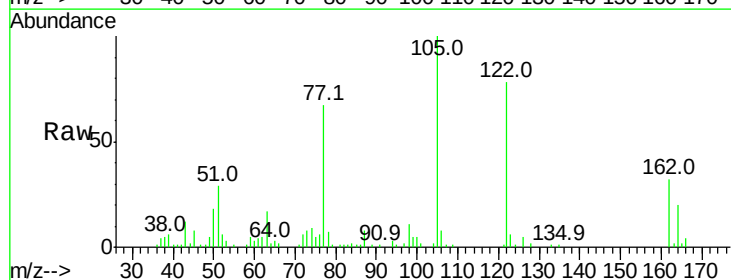
Tgt Ion:122 Resp: 193657

Ion Ratio Lower Upper

122 100

105 127.7 103.3 143.3

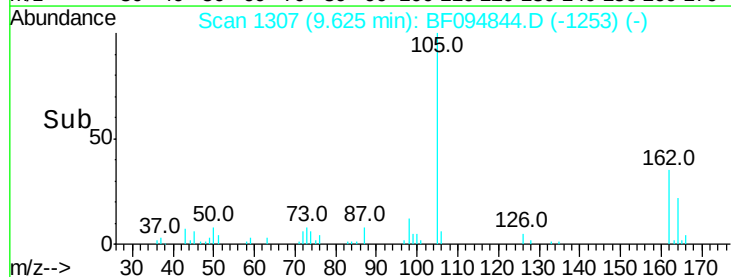
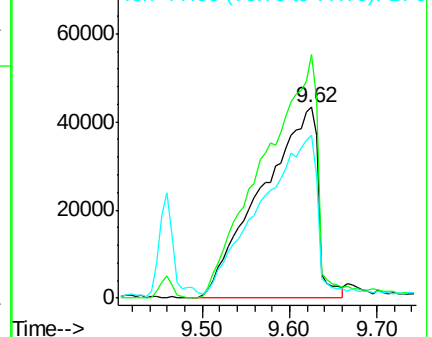
77 85.3 73.7 113.7

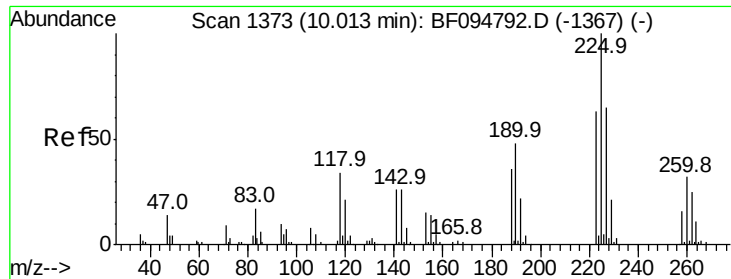


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#34

Hexachlorobutadiene

Concen: 41.70 ng

RT: 10.00 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

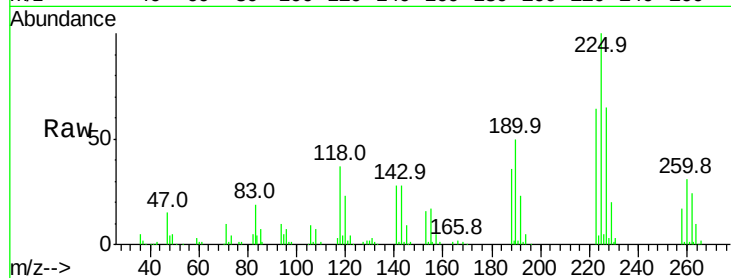
Tot Ion:225 Resp: 126105

Ion Ratio Lower Upper

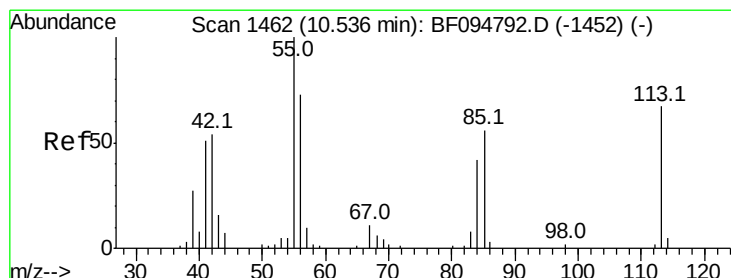
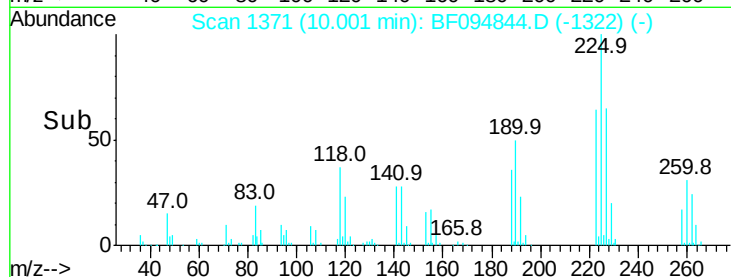
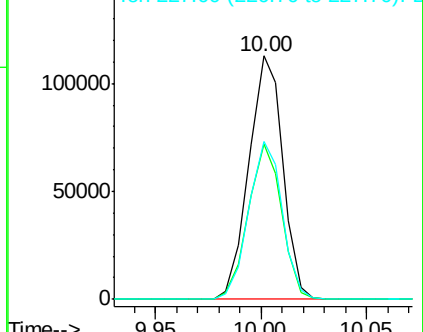
225 100

223 63.8 48.8 73.2

227 64.9 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: 2.97 ng

RT: 10.72 min Scan# 1494

Delta R.T. 0.19 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

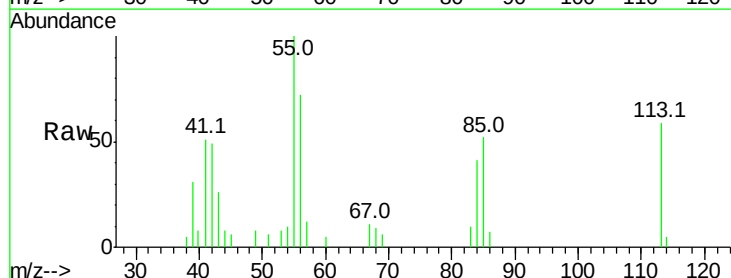
Tgt Ion:113 Resp: 4775

Ion Ratio Lower Upper

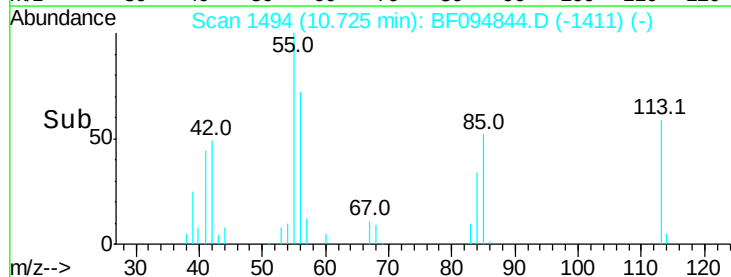
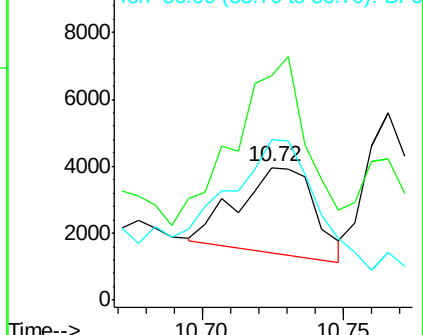
113 100

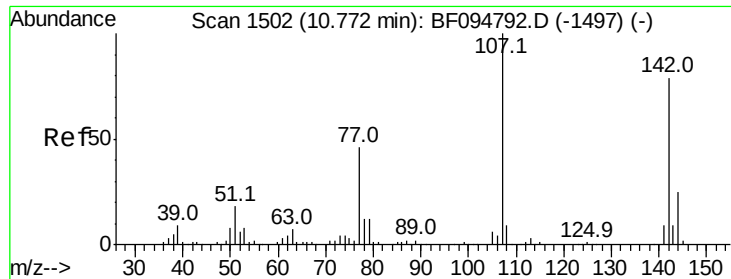
55 169.4 150.2 190.2

56 121.2 107.8 147.8



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

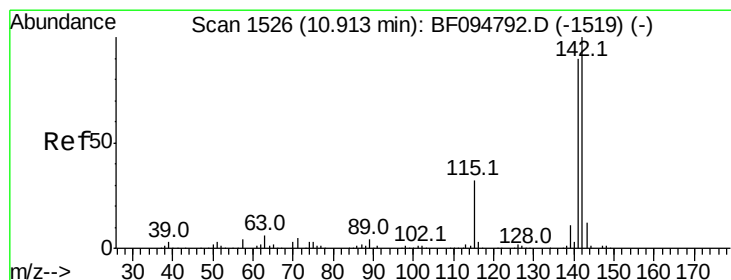
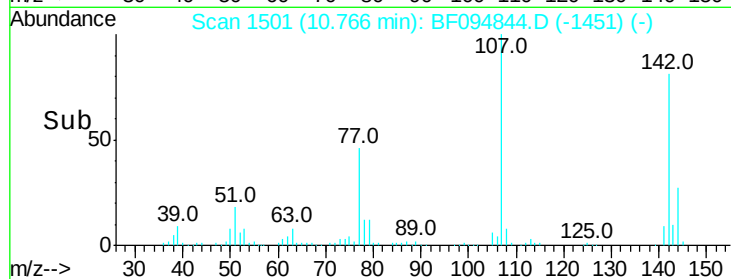
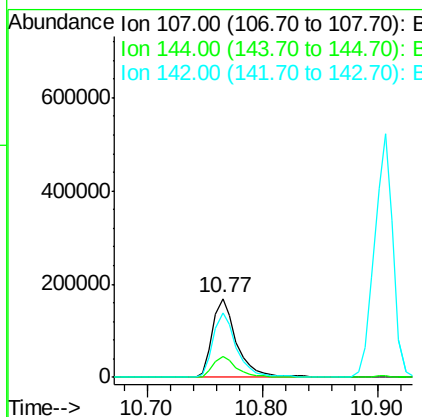
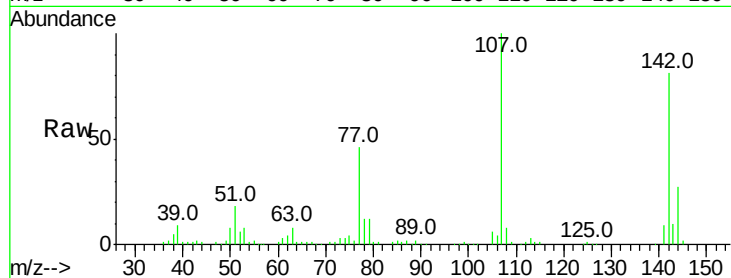




#36
 4-Chloro-3-methylphenol
 Concen: 43.26 ng
 RT: 10.77 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

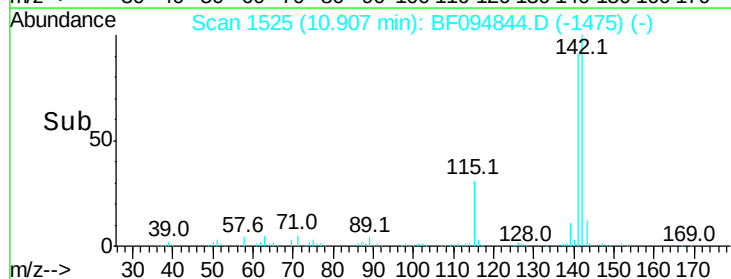
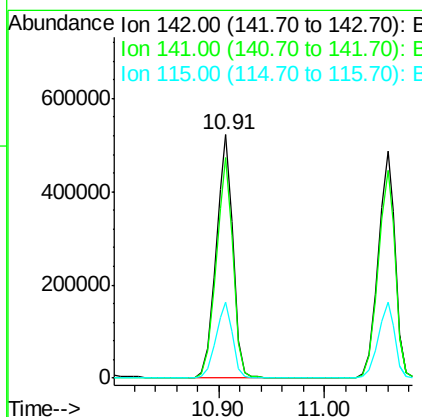
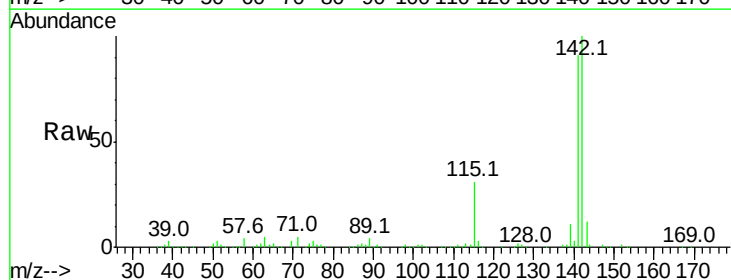
Instrument :
 BNA_F
 ClientSampleId :

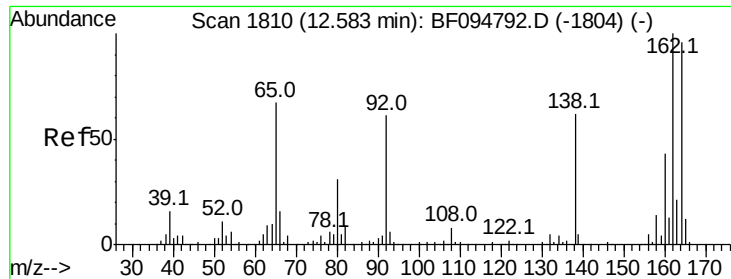
Tot Ion:107 Resp: 247466
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 81.2 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 45.37 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion:142 Resp: 584721
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.3 106.9
 115 30.9 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

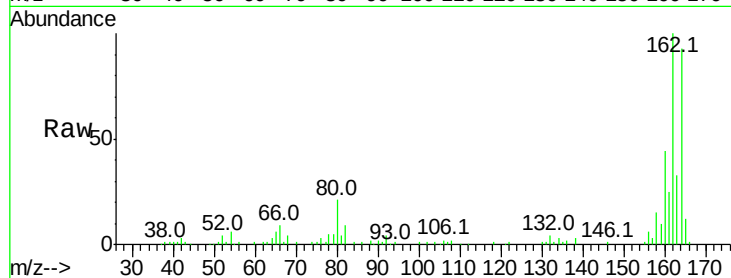
Tot Ion:164 Resp: 100537

Ion Ratio Lower Upper

164 100

162 107.9 82.6 123.8

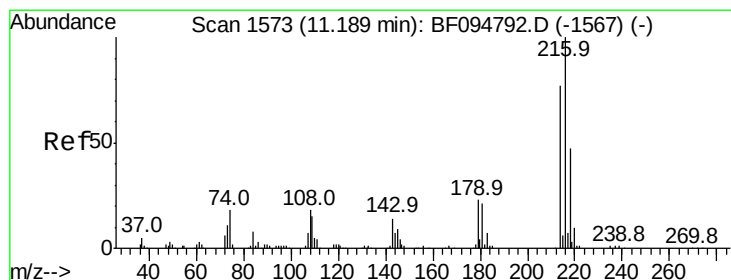
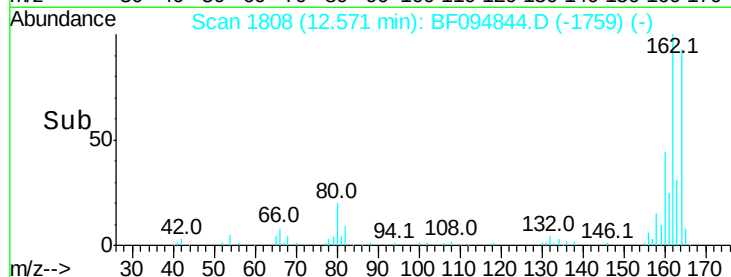
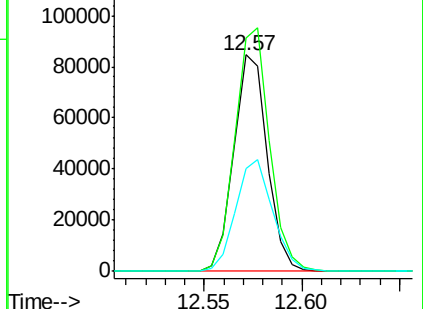
160 47.7 36.2 54.2



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: 76.89 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tgt Ion:216 Resp: 237722

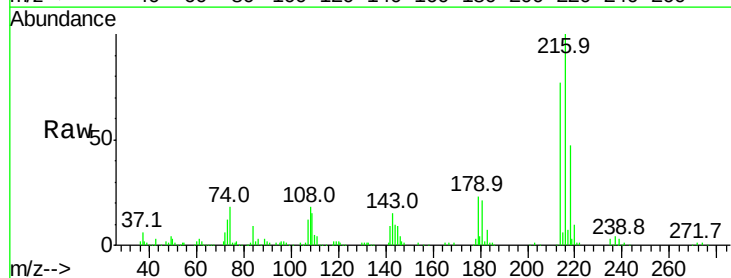
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 22.0 17.9 26.9

108 21.4 16.5 24.7

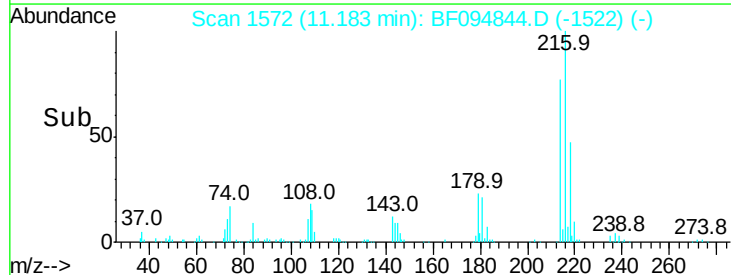
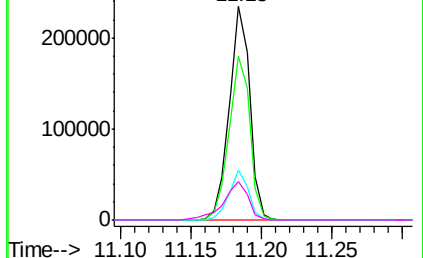


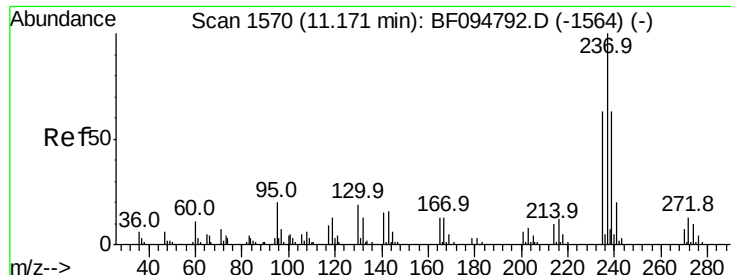
Abundance Ion 216.00 (215.70 to 216.70): E

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

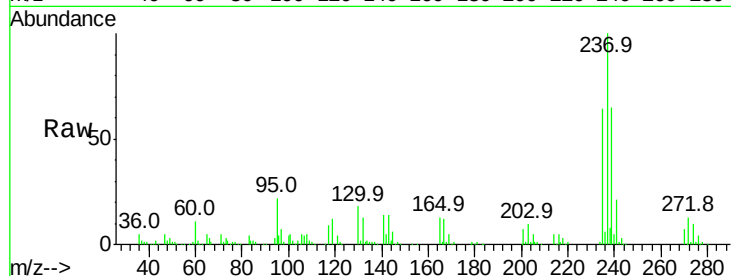




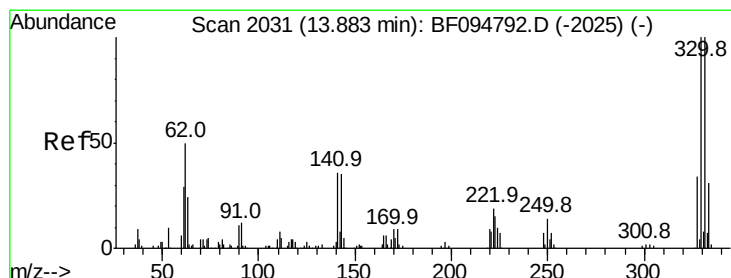
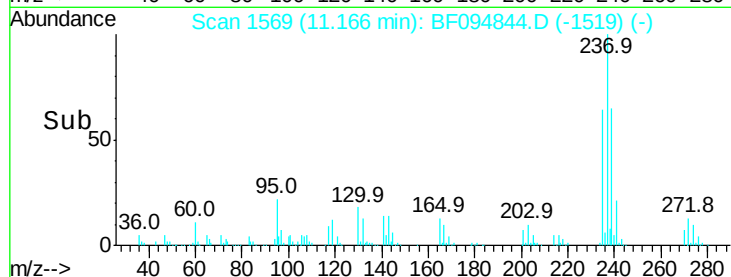
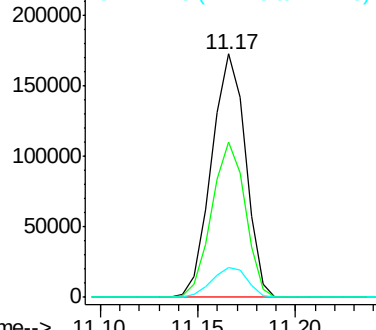
#40
Hexachlorocyclopentadiene
Concen: 154.88 ng
RT: 11.17 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.6	82.6
272	12.5	0.0	31.9

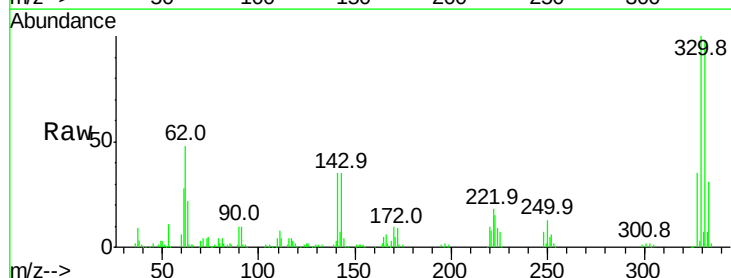


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

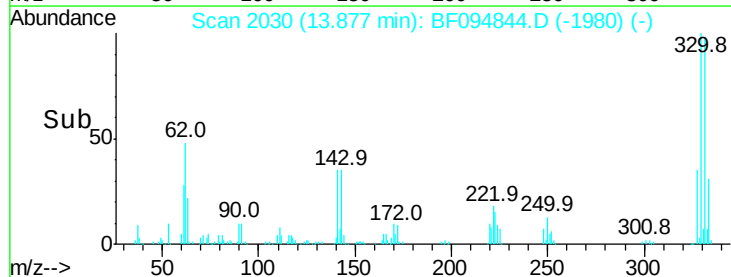
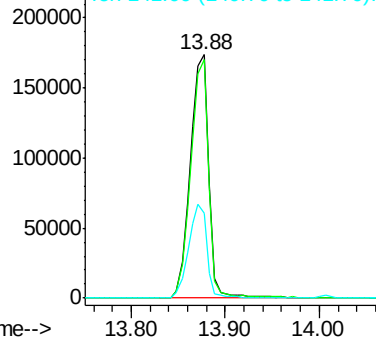


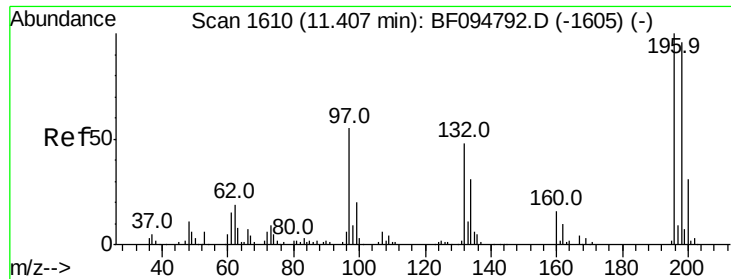
#41
2,4,6-Tribromophenol
Concen: 290.29 ng
RT: 13.88 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	38.5	31.4	47.2



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





#42

2,4,6-Trichlorophenol

Concen: 91.60 ng

RT: 11.40 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampled :

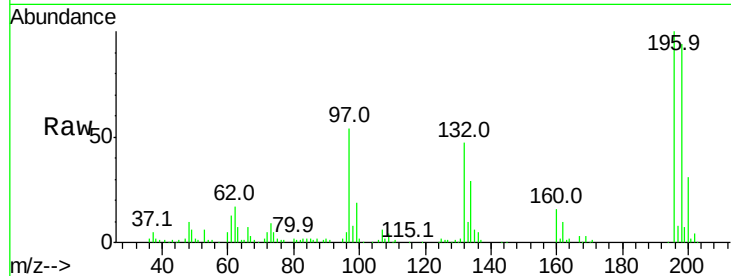
Tot Ion:196 Resp: 189097

Ion Ratio Lower Upper

196 100

198 94.4 74.2 111.4

200 30.9 24.0 36.0

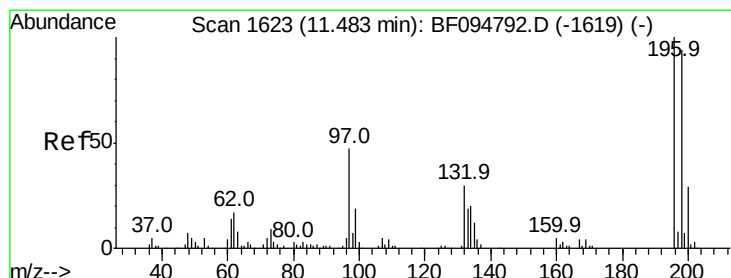
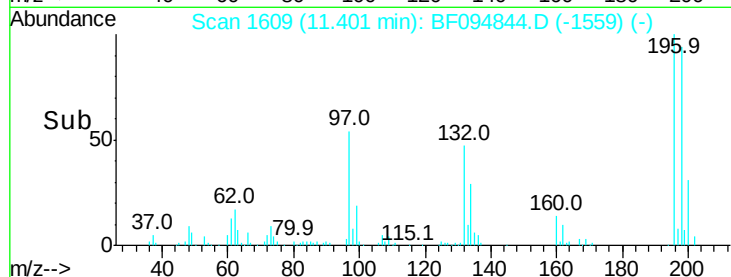
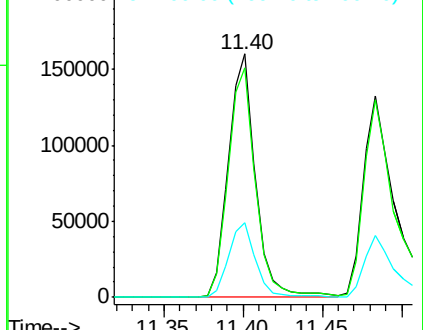


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 88.80 ng

RT: 11.48 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tgt Ion:196 Resp: 197011

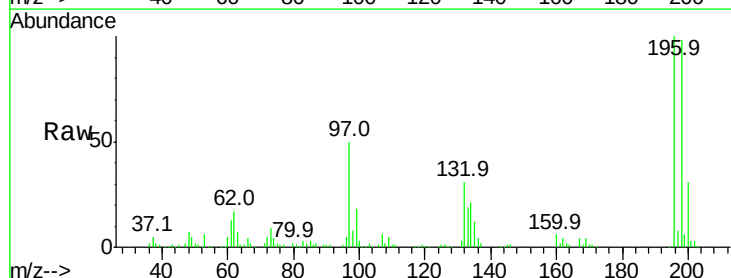
Ion Ratio Lower Upper

196 100

198 97.6 75.7 113.5

97 50.1 47.7 71.5

132 31.1 28.0 42.0



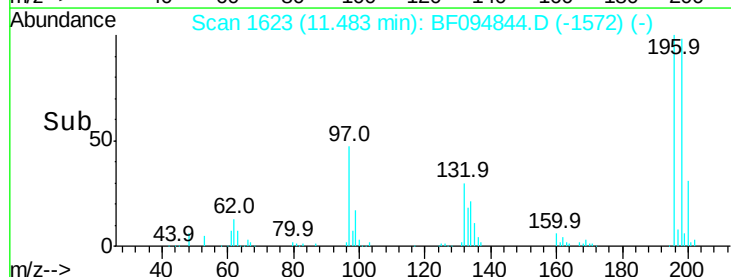
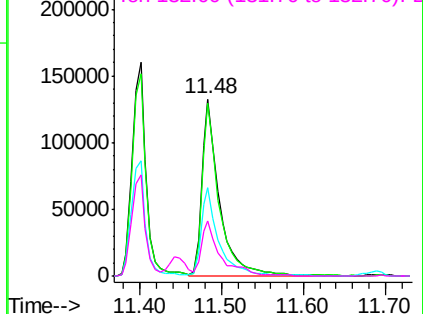
Abundance

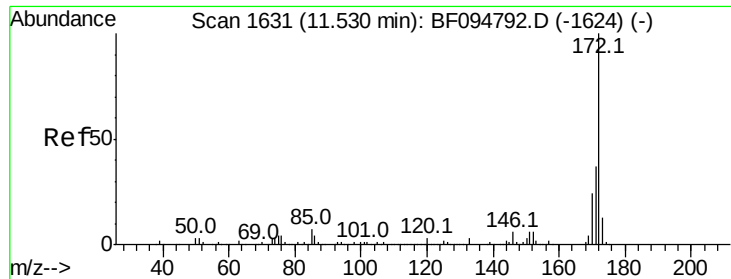
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

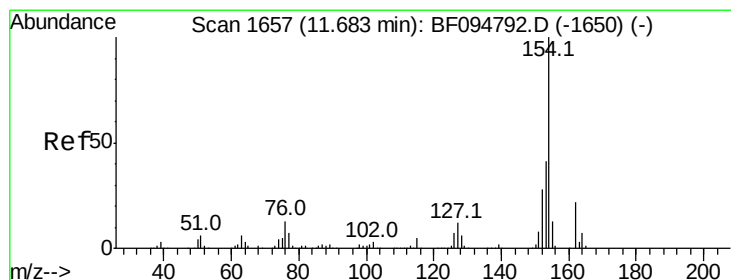
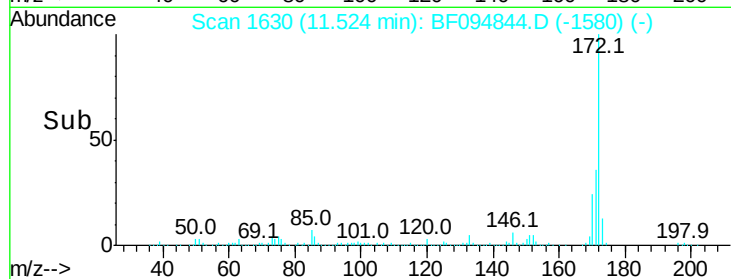
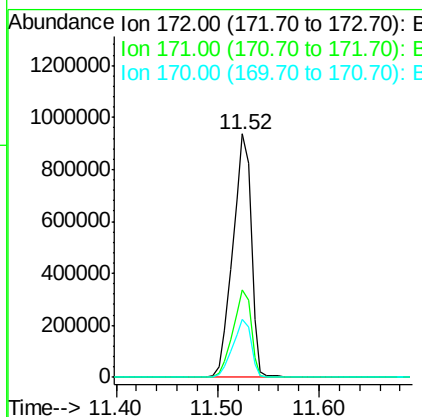
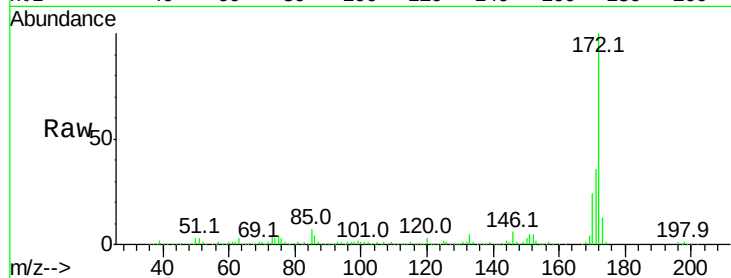




#44
2-Fluorobiphenyl
Concen: 170.13 ng
RT: 11.52 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

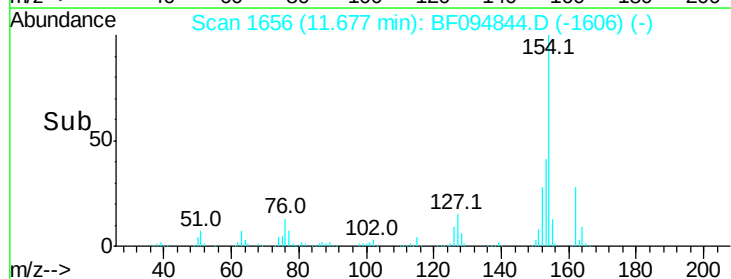
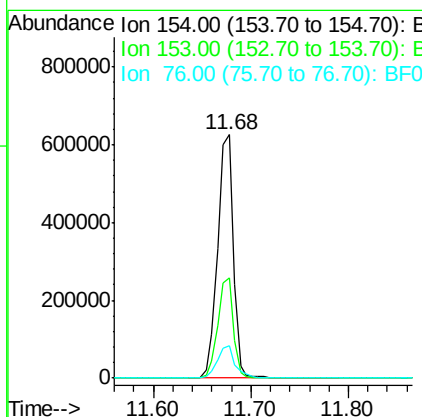
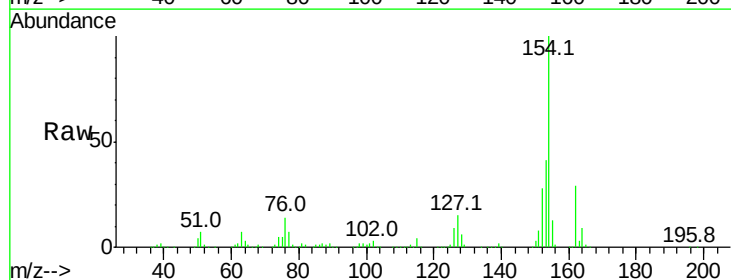
Instrument :
BNA_F
ClientSampleId :

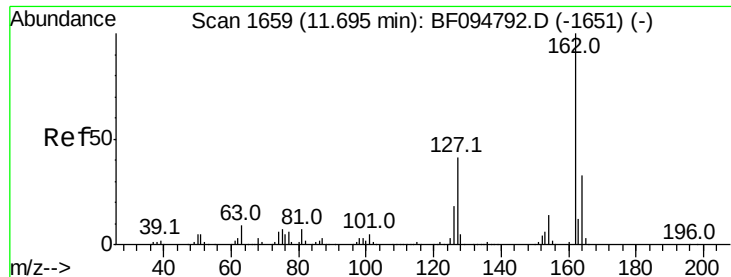
Tot Ion:172 Resp: 1188379
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.6 19.8 29.8



#45
1,1'-Biphenyl
Concen: 83.06 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion:154 Resp: 703074
Ion Ratio Lower Upper
154 100
153 41.4 21.2 61.2
76 13.5 0.0 29.9

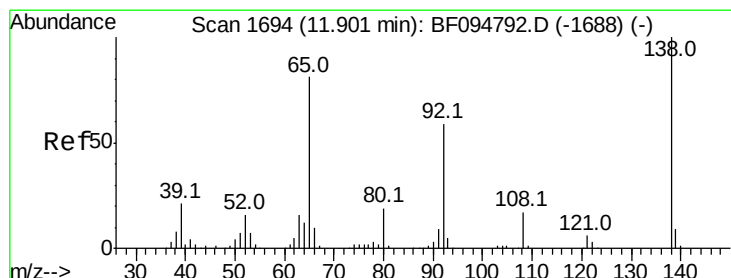
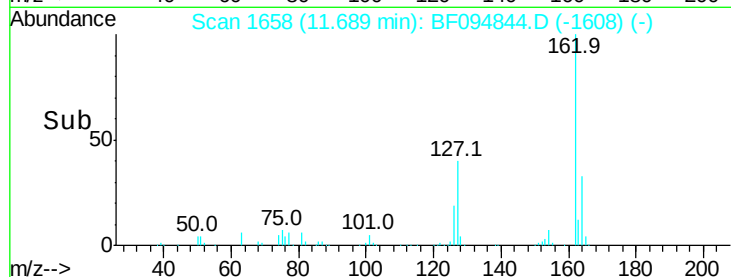
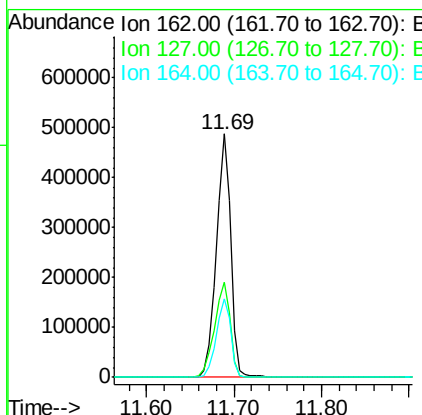
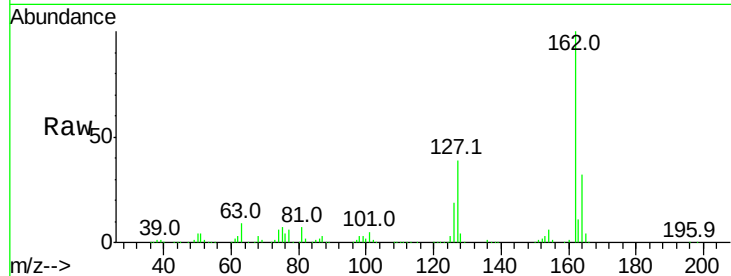




#46
2-Chloronaphthalene
Concen: 82.03 ng
RT: 11.69 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

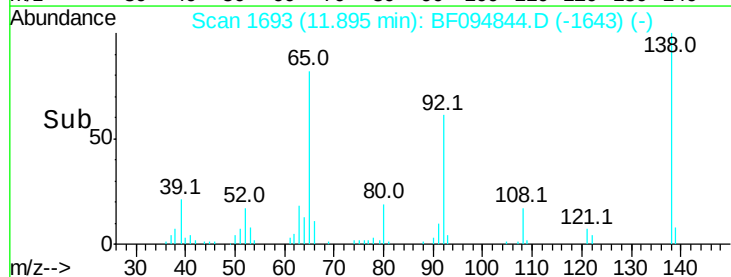
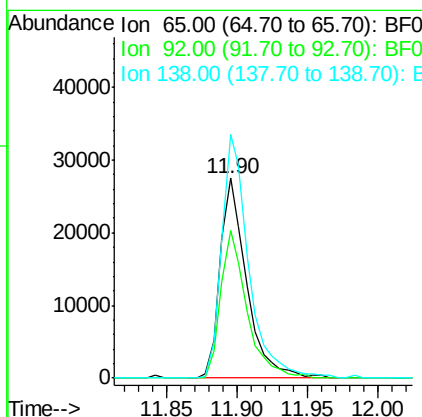
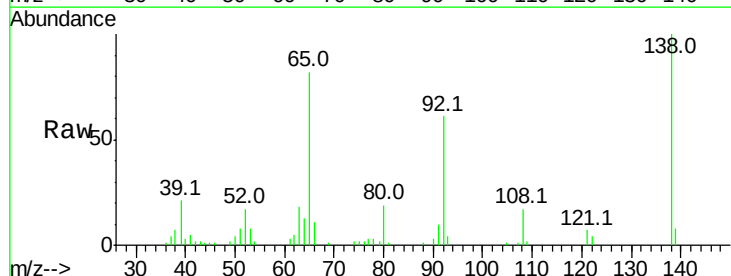
Instrument :
BNA_F
ClientSampleId :

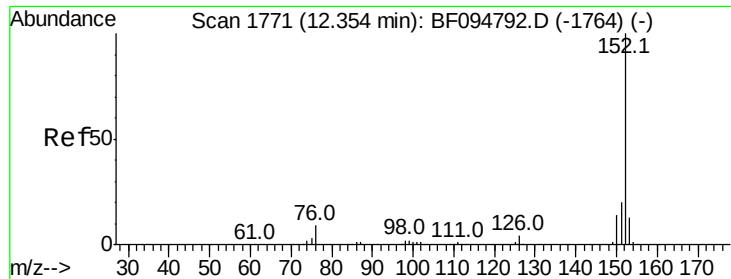
Tot Ion:162 Resp: 560628
Ion Ratio Lower Upper
162 100
127 38.8 28.3 42.5
164 32.3 27.0 40.4



#47
2-Nitroaniline
Concen: 19.27 ng
RT: 11.90 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion: 65 Resp: 36047
Ion Ratio Lower Upper
65 100
92 74.1 53.9 80.9
138 121.9 78.8 118.2#





#48

Acenaphthylene

Concen: 27.01 ng

RT: 12.34 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

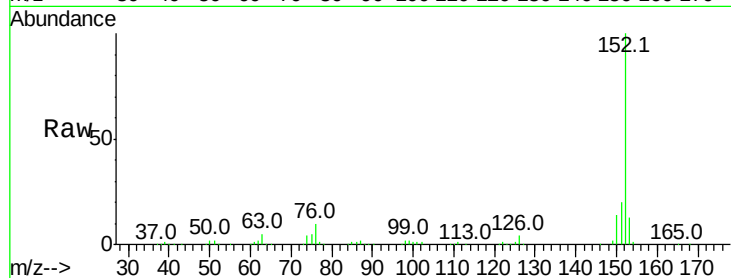
Tot Ion:152 Resp: 289102

Ion Ratio Lower Upper

152 100

151 19.8 16.8 25.2

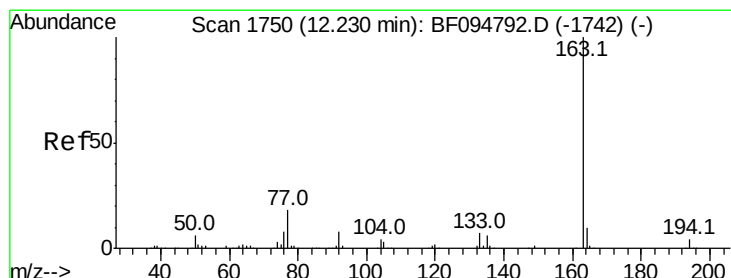
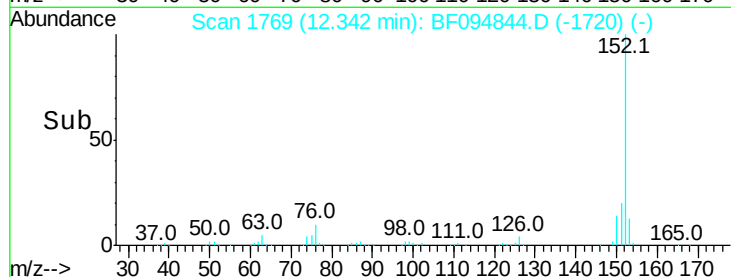
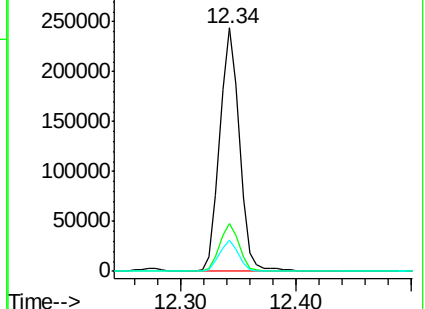
153 12.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 76.26 ng

RT: 12.22 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

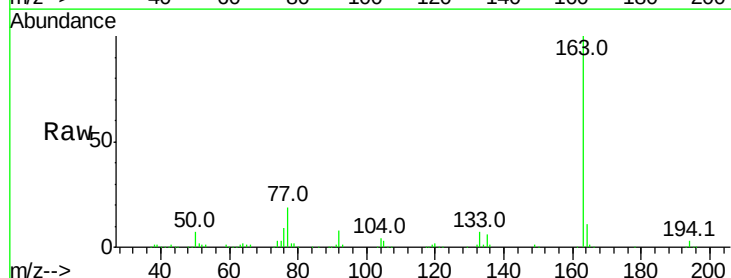
Tgt Ion:163 Resp: 629413

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

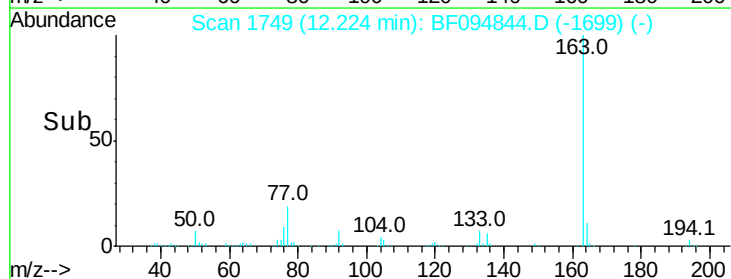
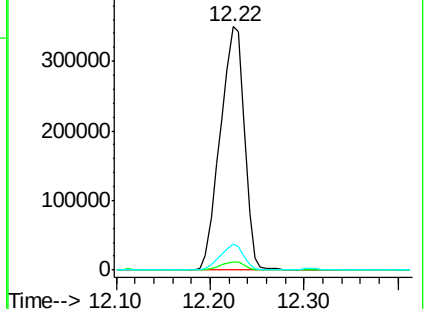
164 10.7 8.4 12.6

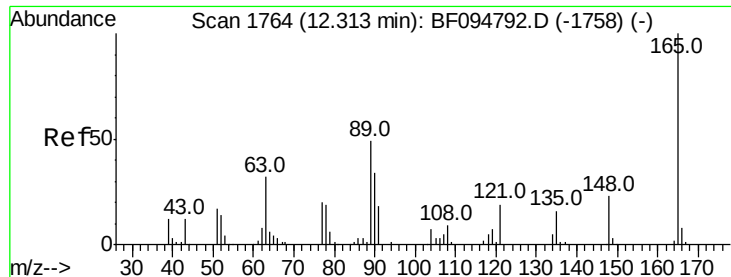


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

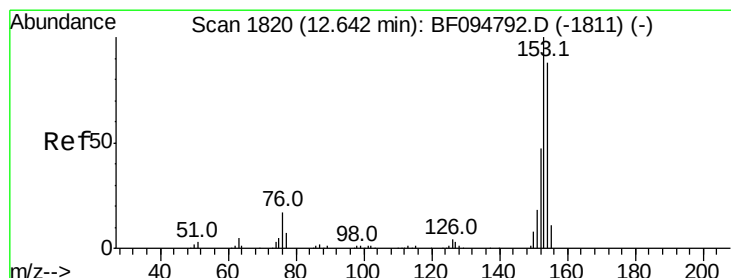
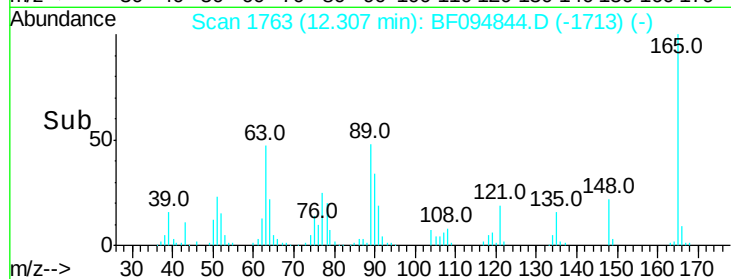
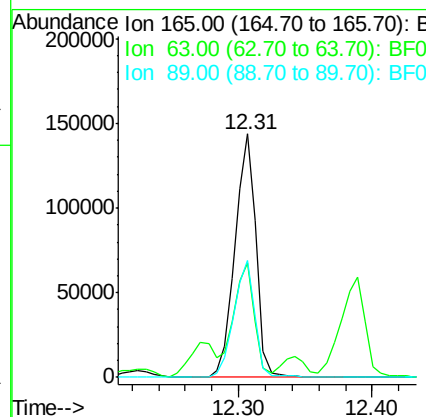
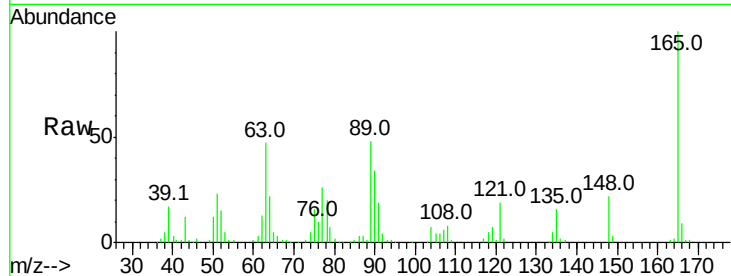




#50
 2,6-Dinitrotoluene
 Concen: 94.52 ng
 RT: 12.31 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

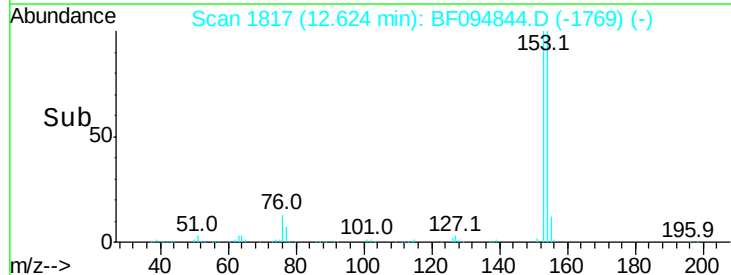
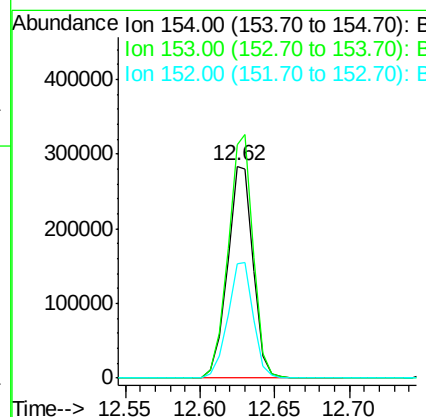
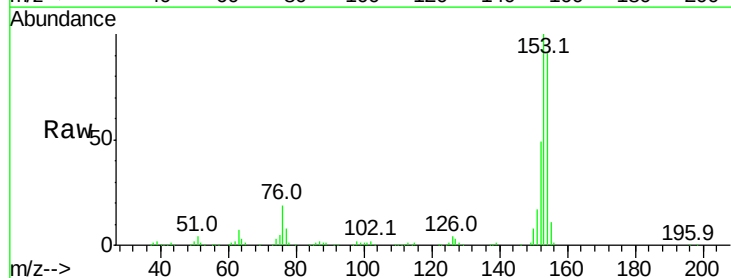
Instrument :
 BNA_F
 ClientSampleId :

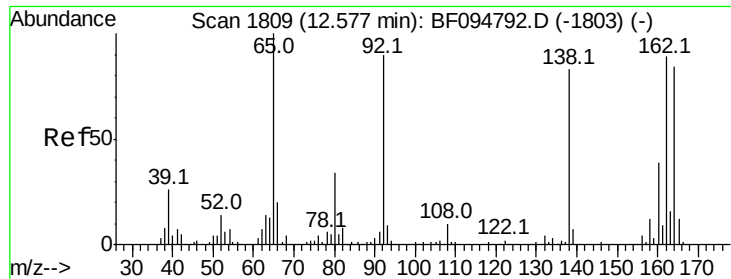
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	34.3	51.5
89	47.8	37.1	55.7



#51
 Acenaphthene
 Concen: 53.71 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	90.5	135.7
152	53.7	43.6	65.4

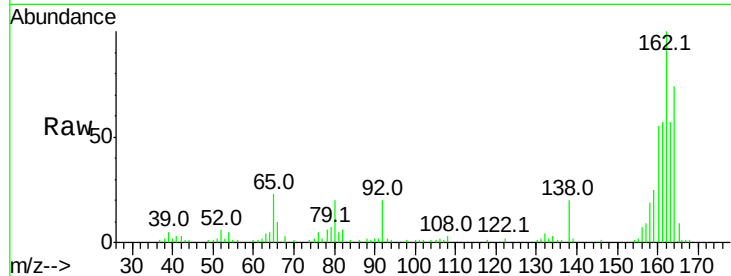




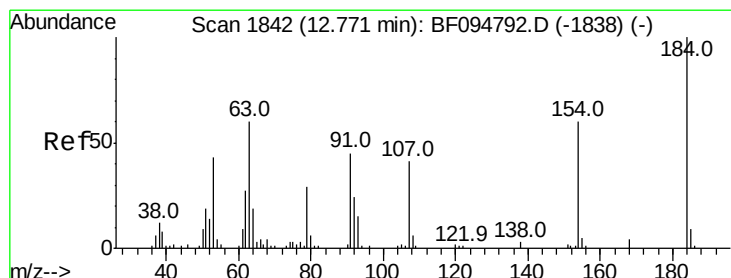
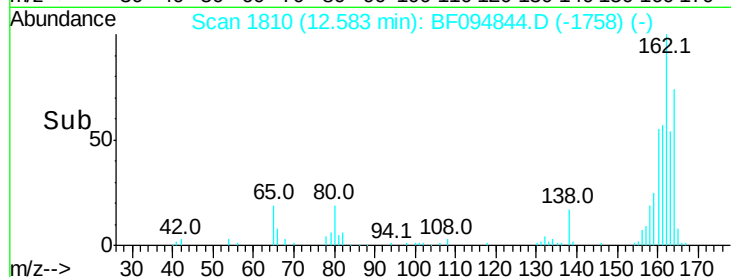
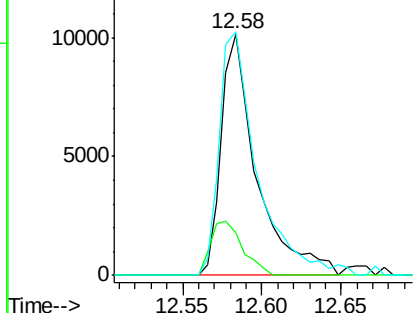
#52
3-Nitroaniline
Concen: 8.71 ng
RT: 12.58 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 15747
Ion Ratio Lower Upper
138 100
108 17.5 9.1 13.7#
92 100.9 93.8 140.6

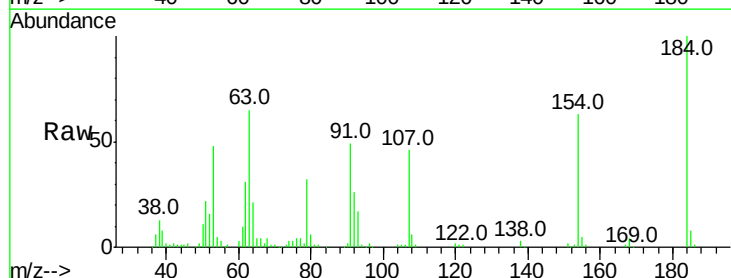


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

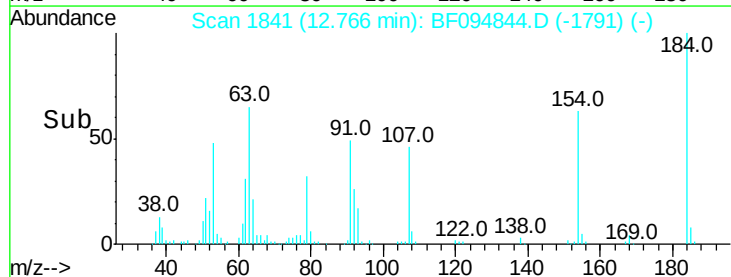
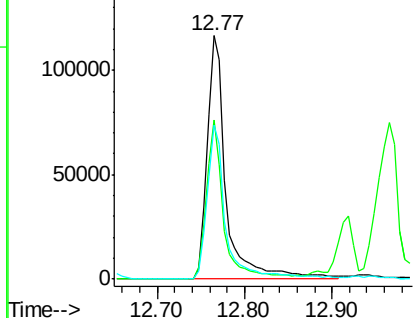


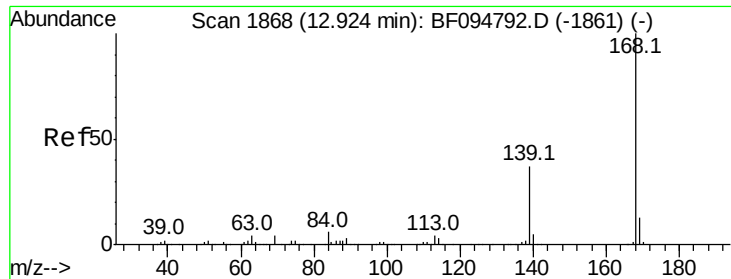
#53
2,4-Dinitrophenol
Concen: 181.45 ng
RT: 12.77 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion:184 Resp: 176253
Ion Ratio Lower Upper
184 100
63 65.2 62.7 94.1
154 63.1 81.1 121.7#



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

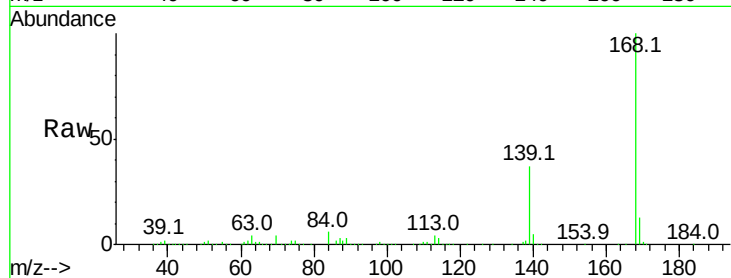




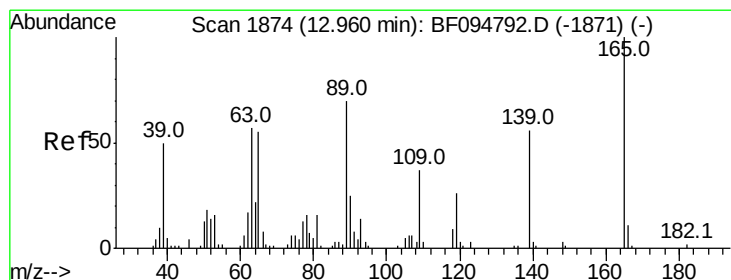
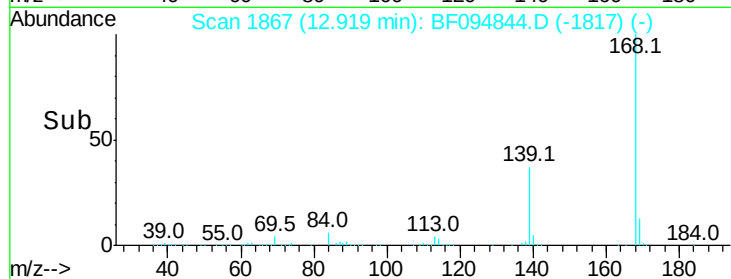
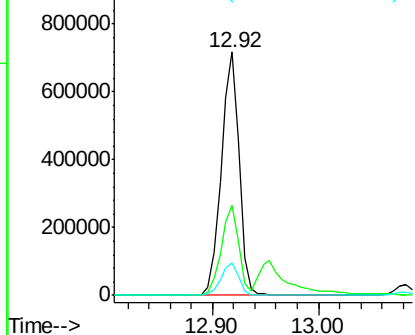
#54
Dibenzenofuran
Concen: 95.60 ng
RT: 12.92 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 845908
Ion Ratio Lower Upper
168 100
139 37.0 30.6 45.8
169 13.3 10.8 16.2

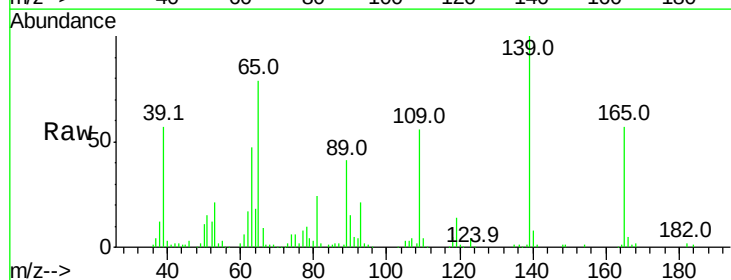


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

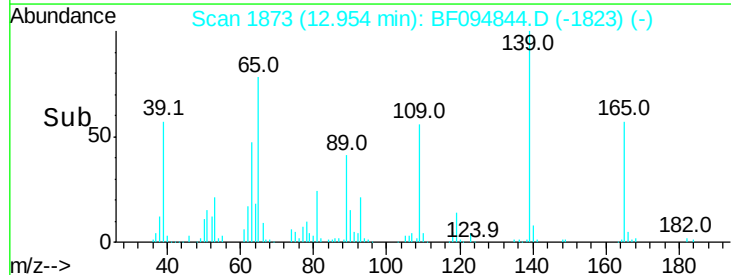
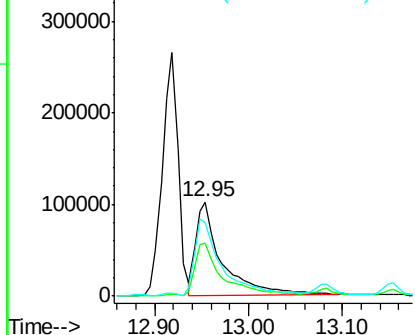


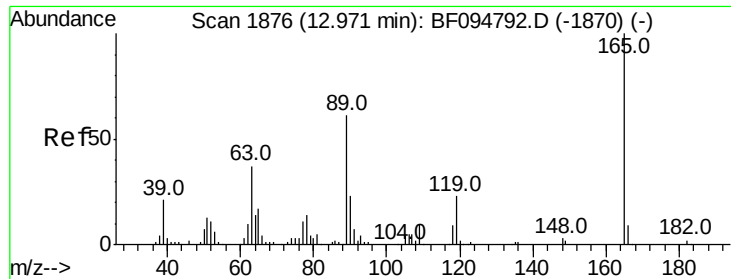
#55
4-Nitrophenol
Concen: 180.88 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion:139 Resp: 196345
Ion Ratio Lower Upper
139 100
109 56.4 34.1 74.1
65 78.6 31.4 71.4#



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

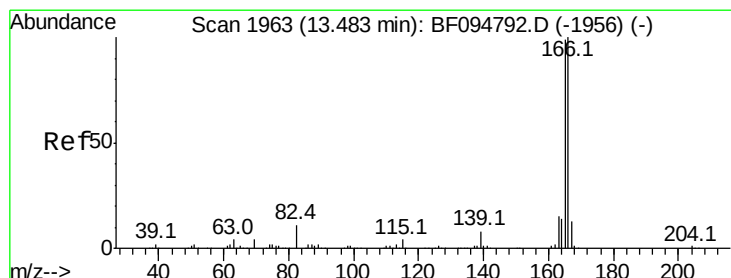
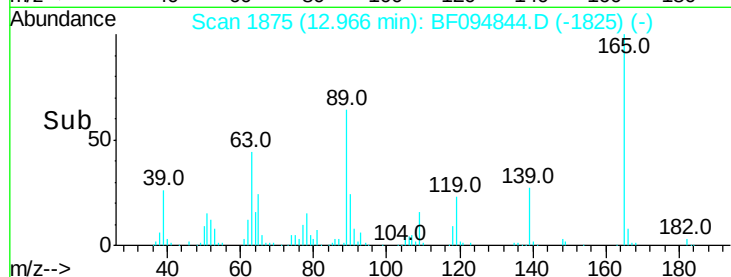
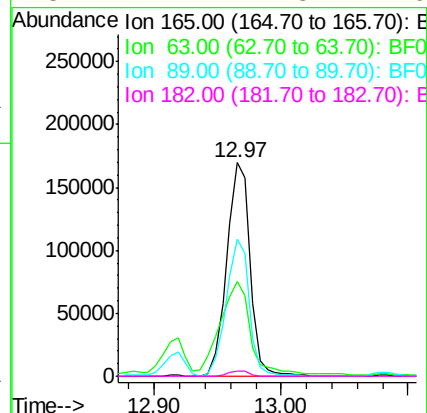
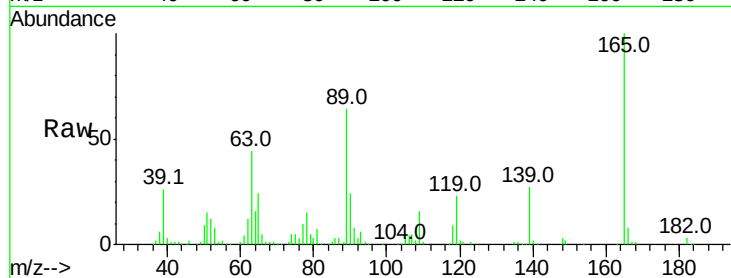




#56
2,4-Dinitrotoluene
Concen: 99.75 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

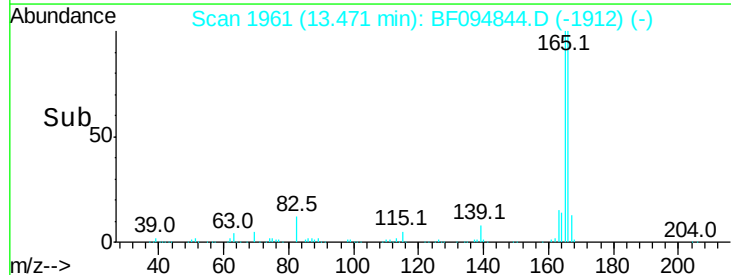
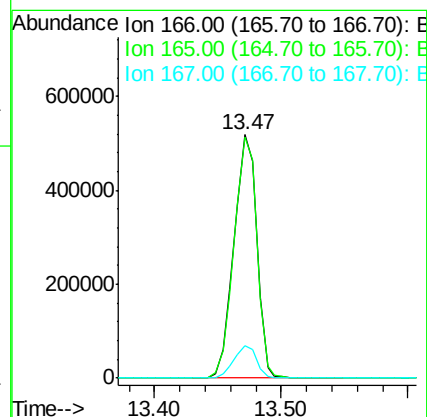
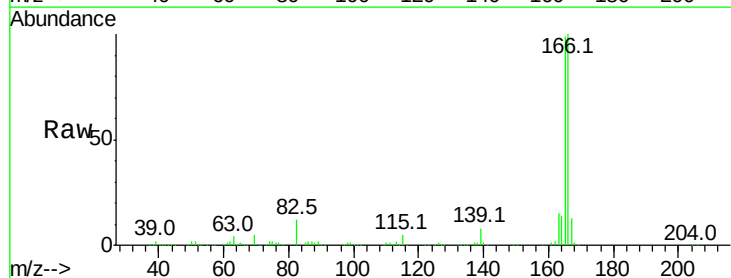
Instrument :
BNA_F
ClientSampleId :

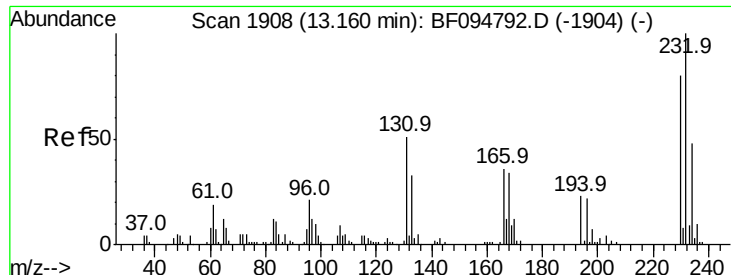
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	25.4	38.0#
89	64.3	46.4	69.6
182	2.7	1.8	2.6#



#57
Fluorene
Concen: 83.57 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.8	118.2
167	13.5	10.6	16.0

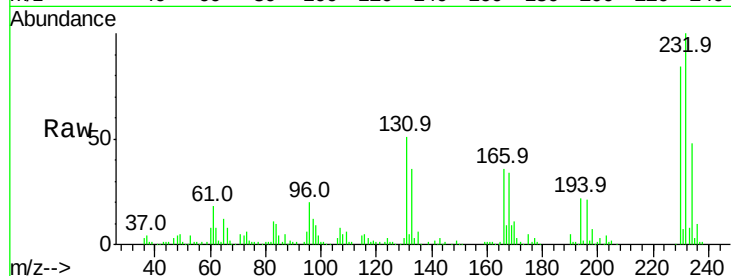




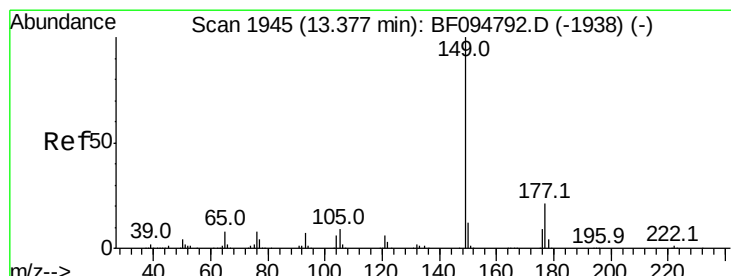
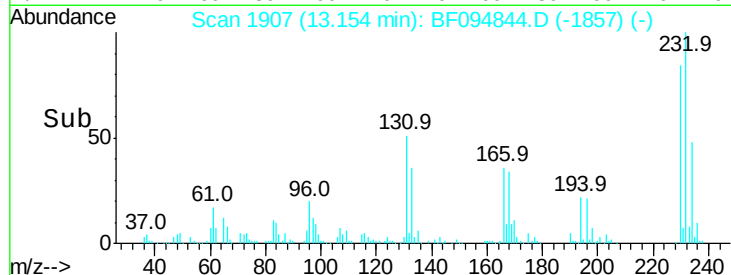
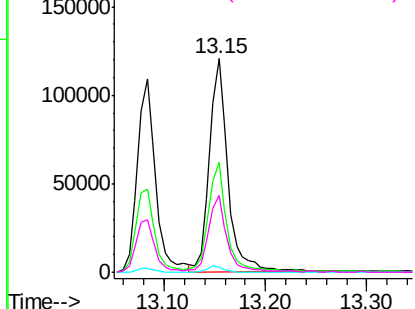
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 109.65 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 153105
 Ion Ratio Lower Upper
 232 100
 131 49.7 44.8 67.2
 130 2.5 2.3 3.5
 166 36.4 29.0 43.4

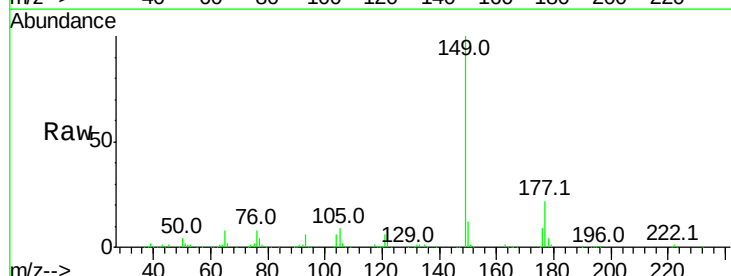


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

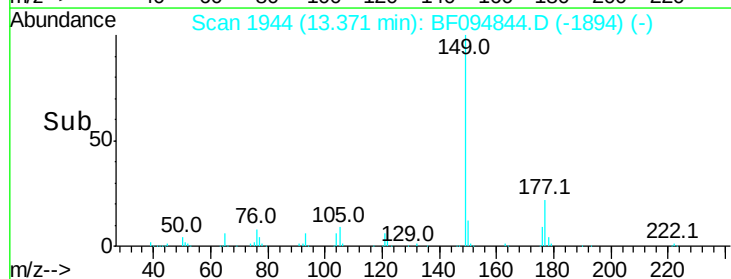
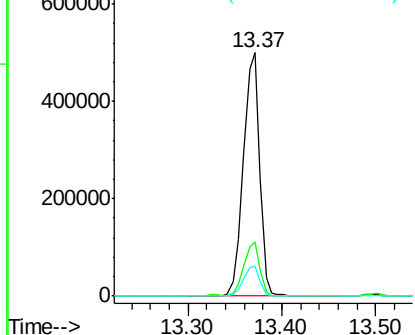


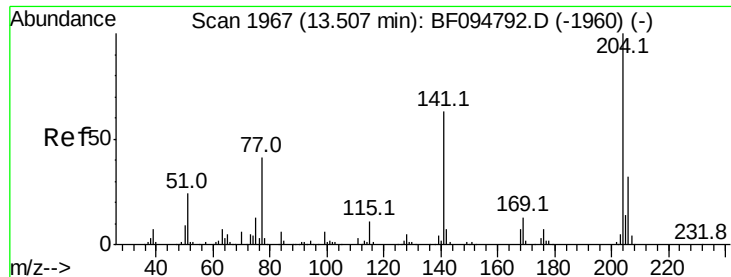
#59
 Diethylphthalate
 Concen: 76.24 ng
 RT: 13.37 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion:149 Resp: 603105
 Ion Ratio Lower Upper
 149 100
 177 22.1 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

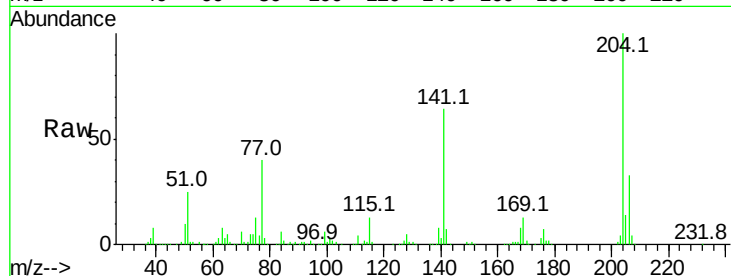




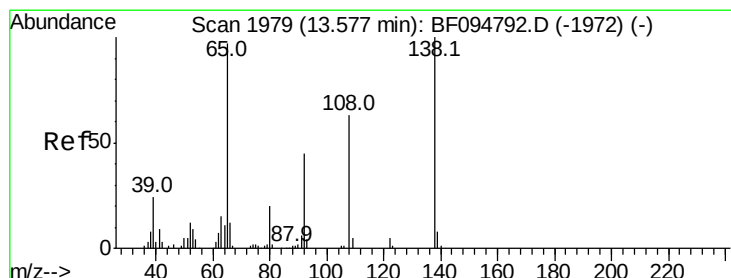
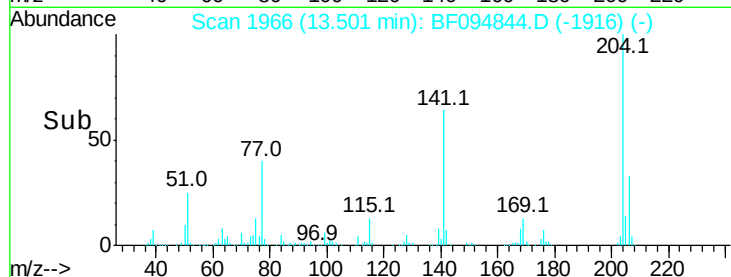
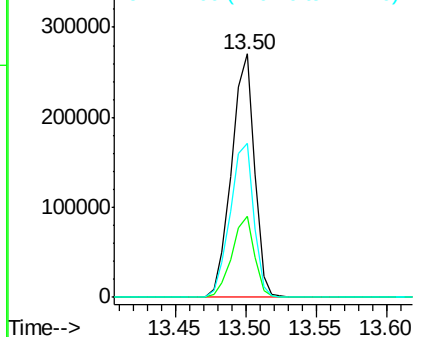
#60
4-Chlorophenyl-phenylether
Concen: 90.45 ng
RT: 13.50 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 305840
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 63.5 60.8 91.2

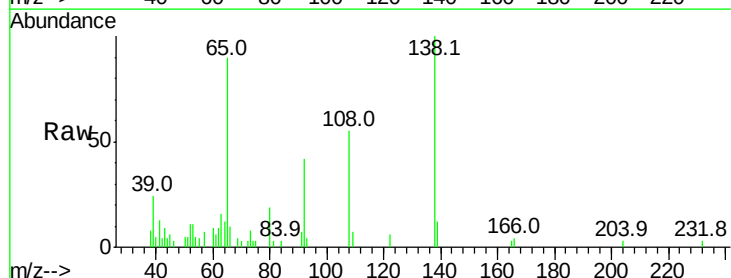


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

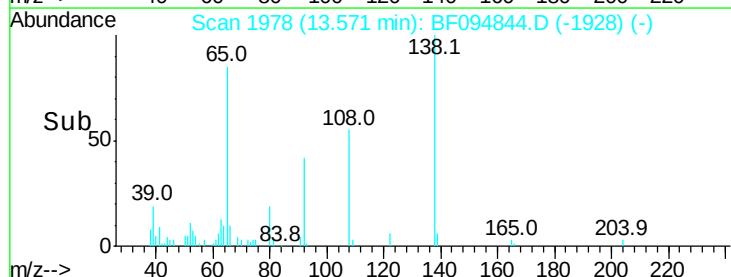
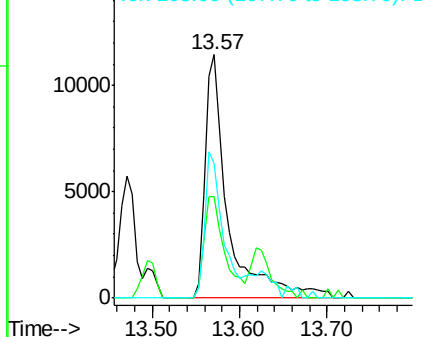


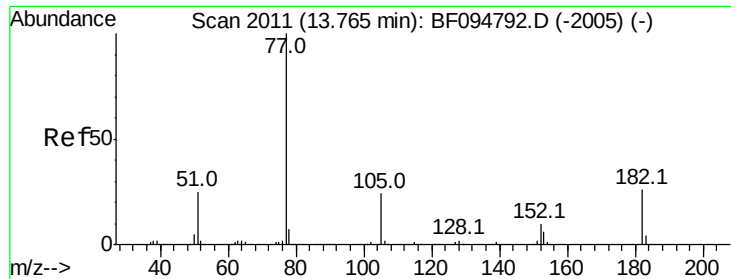
#61
4-Nitroaniline
Concen: 12.48 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion:138 Resp: 20701
Ion Ratio Lower Upper
138 100
92 41.9 21.8 61.8
108 55.4 42.3 82.3



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





#62

Azobenzene

Concen: 22.81 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 145004

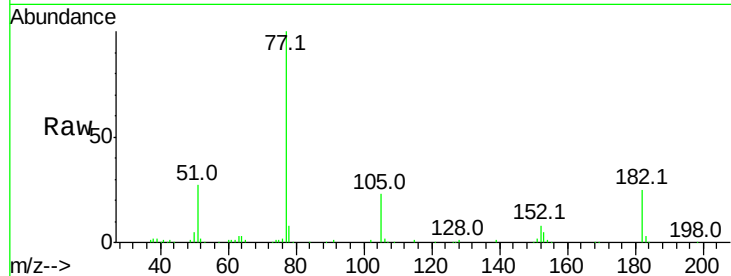
Ion Ratio Lower Upper

77 100

182 24.9 0.1 40.1

105 23.5 3.6 43.6

51 26.6 9.4 49.4

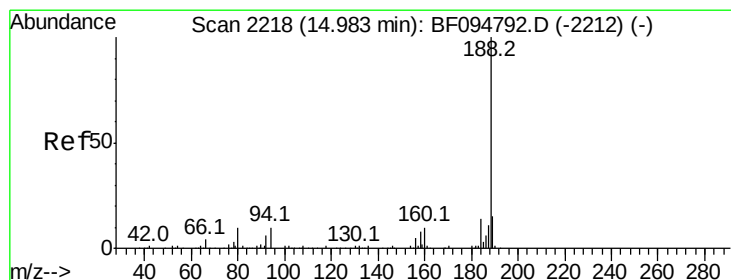
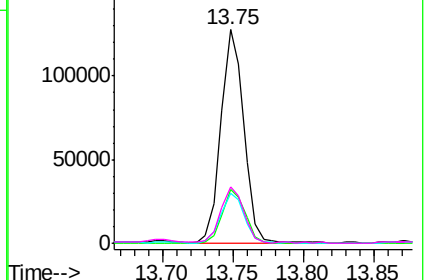
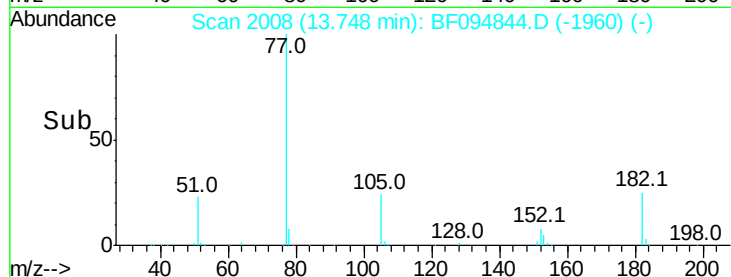


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.98 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

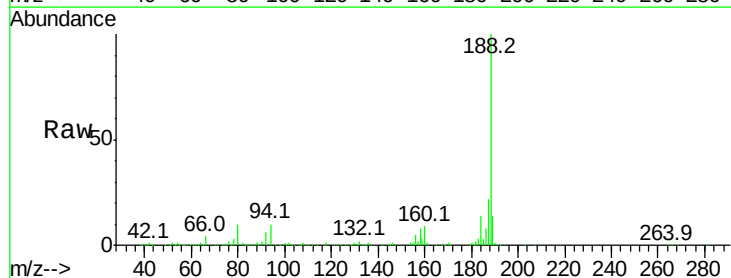
Tgt Ion: 188 Resp: 300783

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

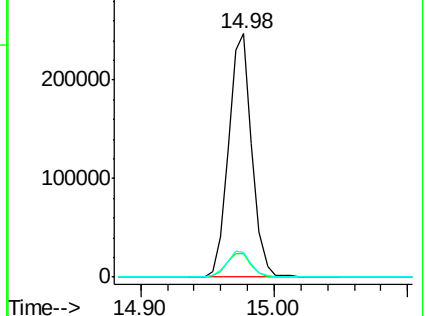
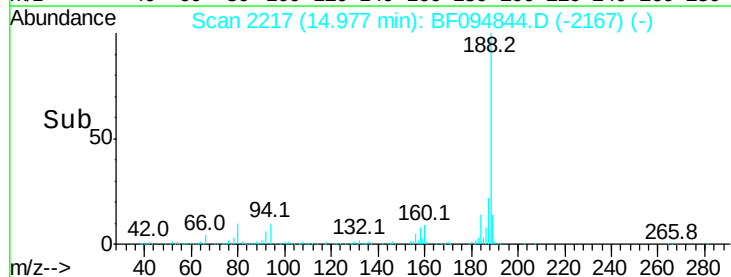
80 10.0 10.2 15.2#

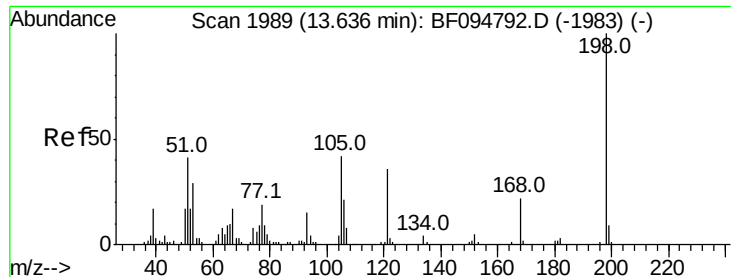


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

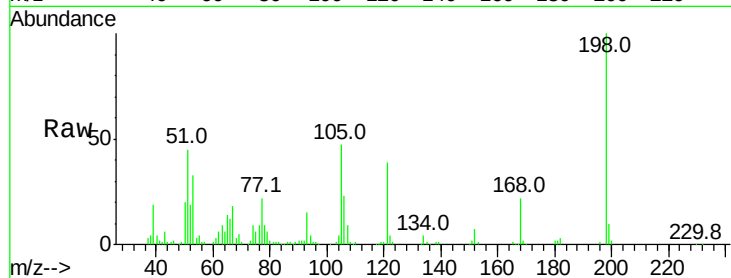




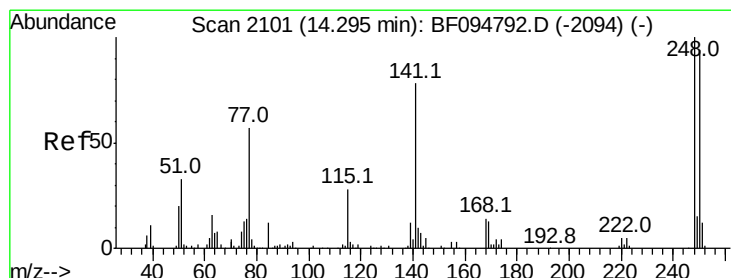
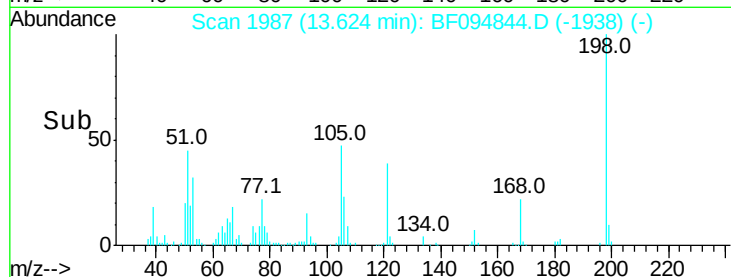
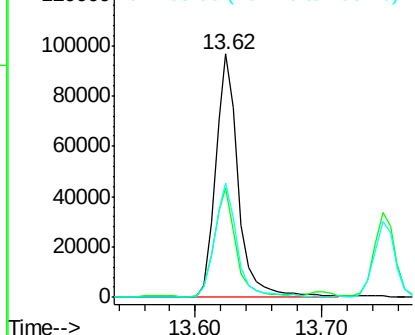
#64
4,6-Dinitro-2-methylphenol
Concen: 59.90 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 120775
Ion Ratio Lower Upper
198 100
51 45.1 53.2 93.2#
105 46.8 45.8 85.8

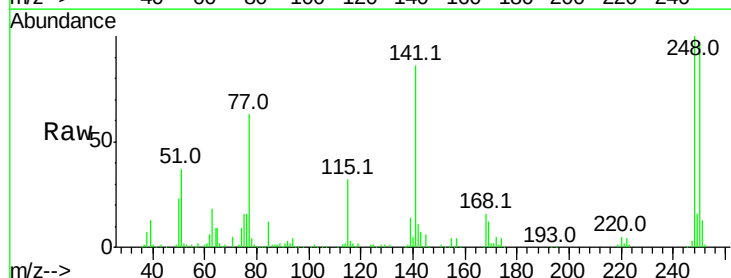


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

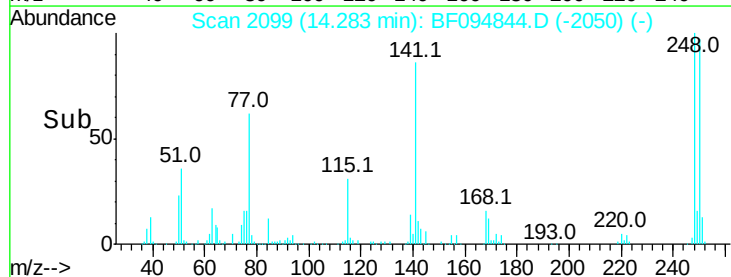
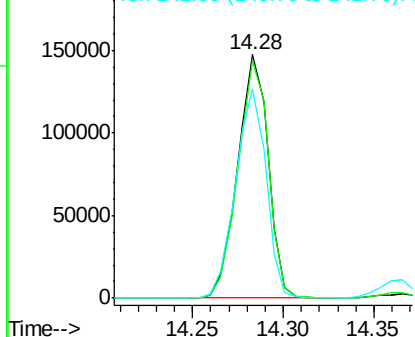


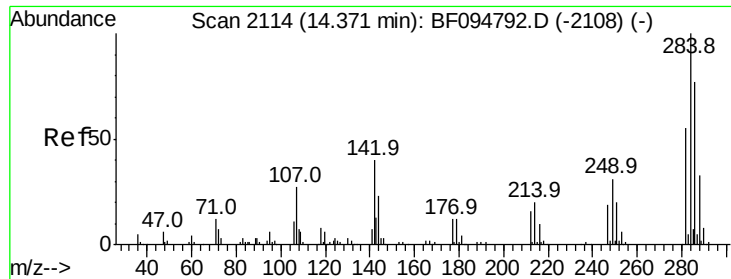
#66
4-Bromophenyl-phenylether
Concen: 54.24 ng
RT: 14.28 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion:248 Resp: 172373
Ion Ratio Lower Upper
248 100
250 97.2 76.8 115.2
141 86.1 68.6 103.0



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

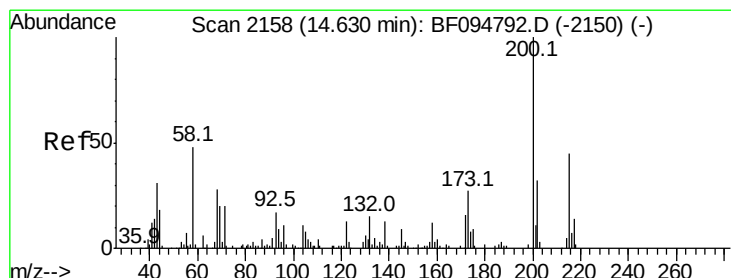
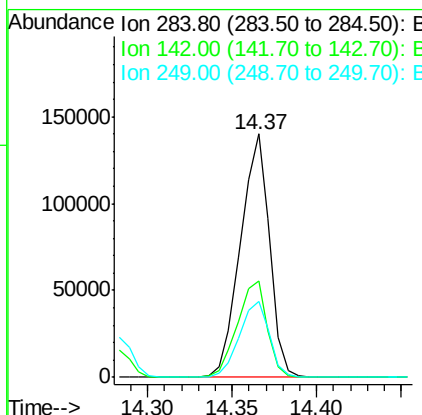
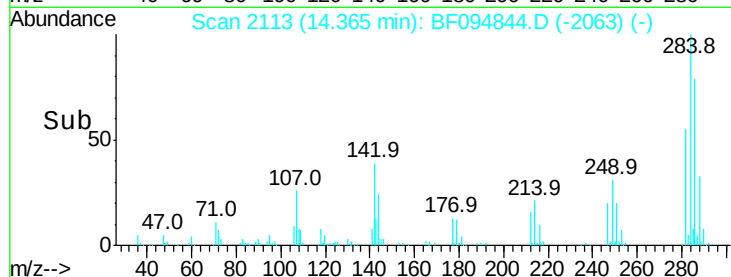
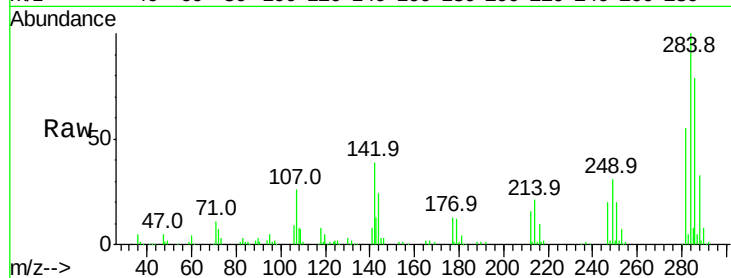




#67
Hexachlorobenzene
Concen: 51.67 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

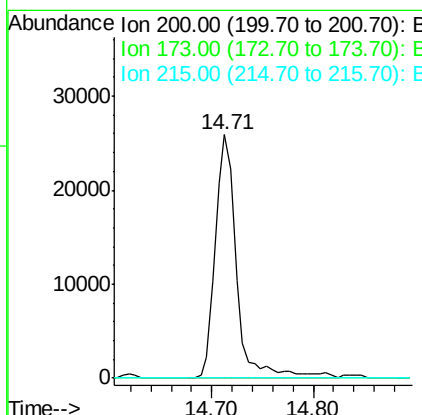
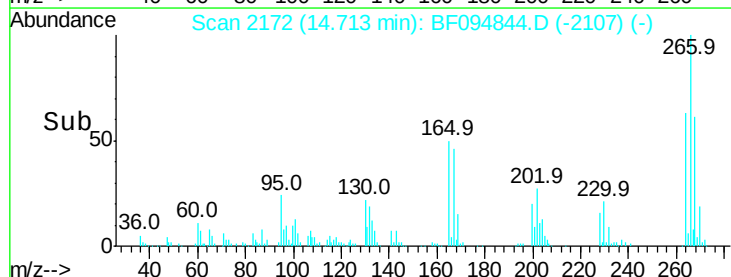
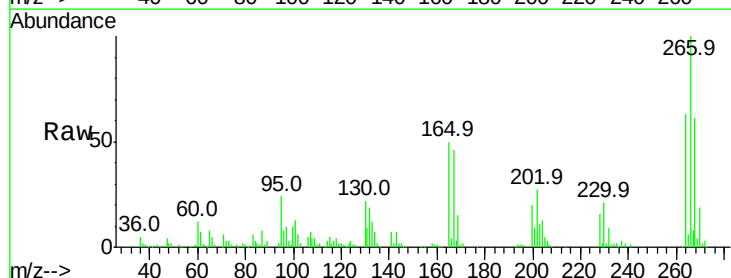
Instrument :
BNA_F
ClientSampleId :

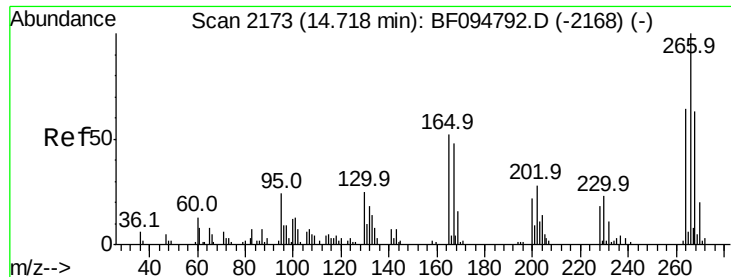
Tot Ion:284 Resp: 168269
Ion Ratio Lower Upper
284 100
142 39.4 22.8 34.2#
249 31.3 24.0 36.0



#68
Atrazine
Concen: 12.29 ng
RT: 14.71 min Scan# 2172
Delta R.T. 0.08 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion:200 Resp: 37867
Ion Ratio Lower Upper
200 100
173 0.0 6.3 46.3#
215 0.0 27.2 67.2#

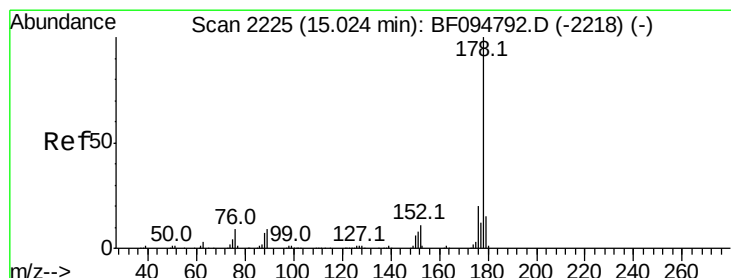
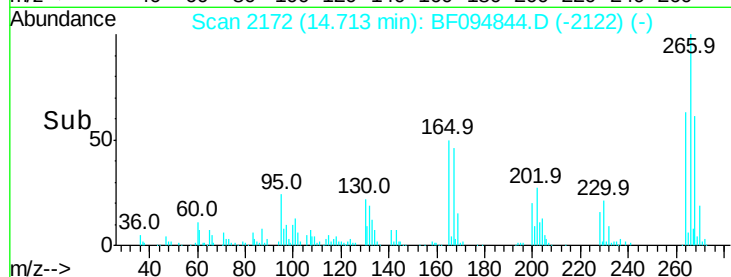
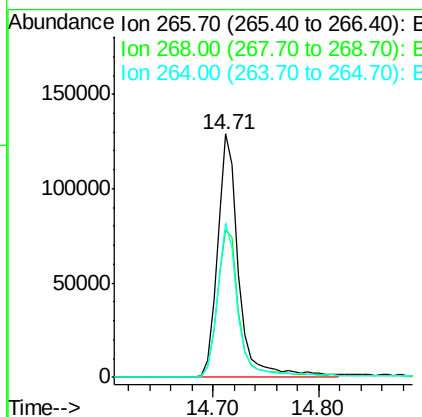
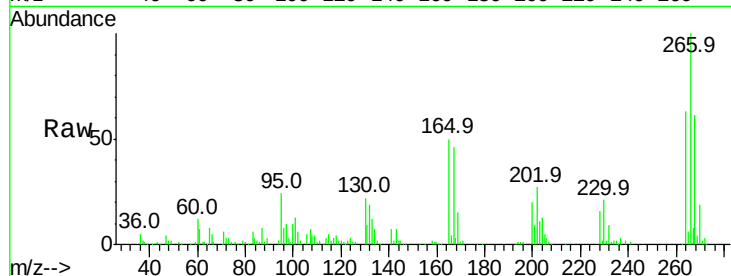




#69
 Pentachlorophenol
 Concen: 120.64 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

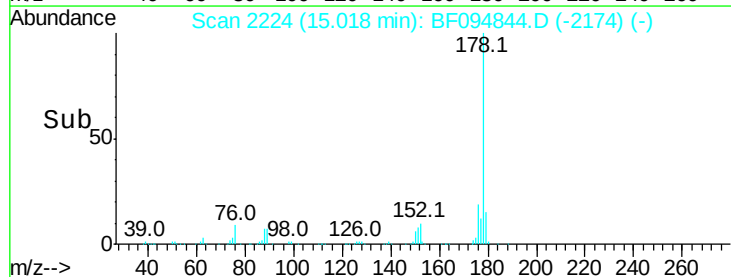
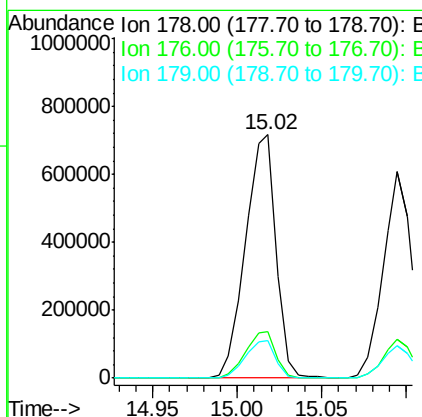
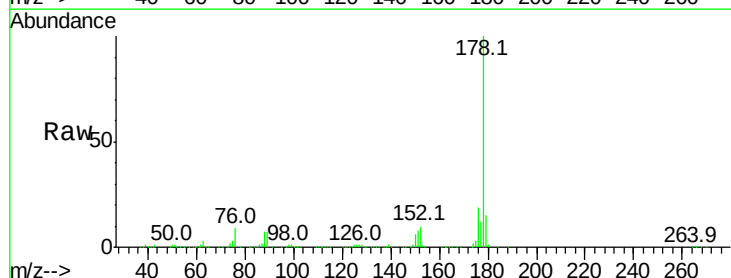
Instrument :
 BNA_F
 ClientSampled :

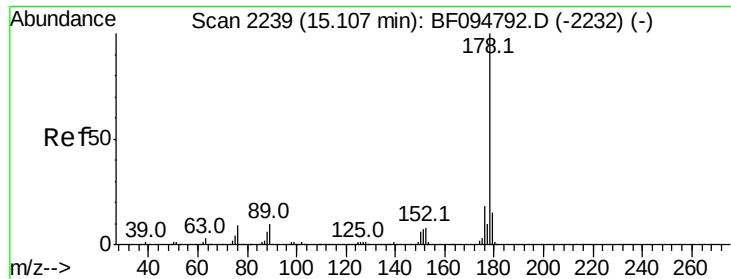
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.7	51.1	76.7
264	63.4	51.7	77.5



#70
 Phenanthrene
 Concen: 52.37 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.2	12.6	19.0

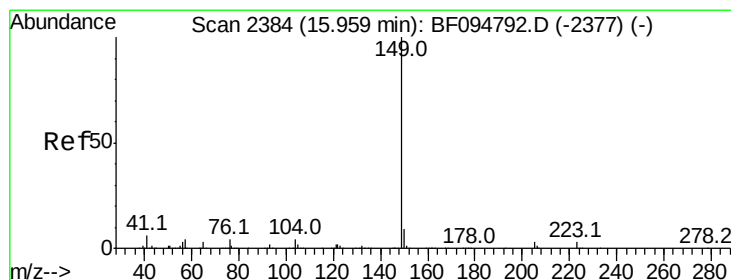
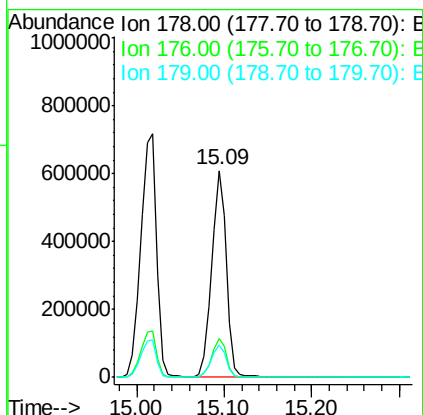
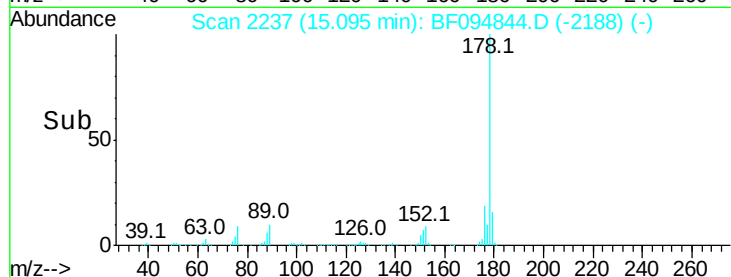
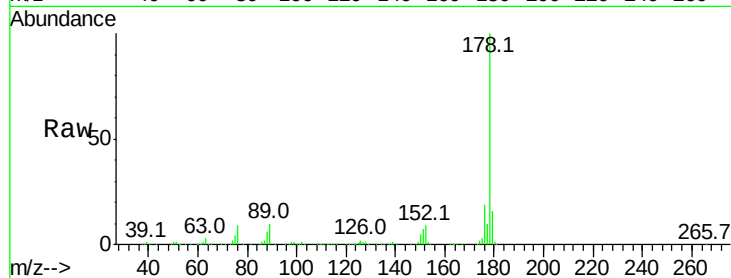




#71
 Anthracene
 Concen: 40.45 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

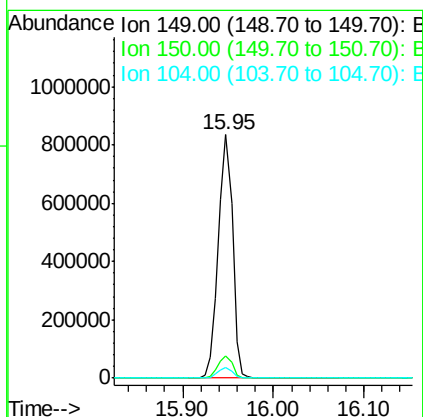
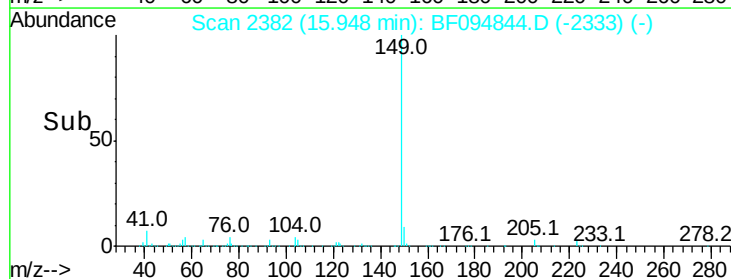
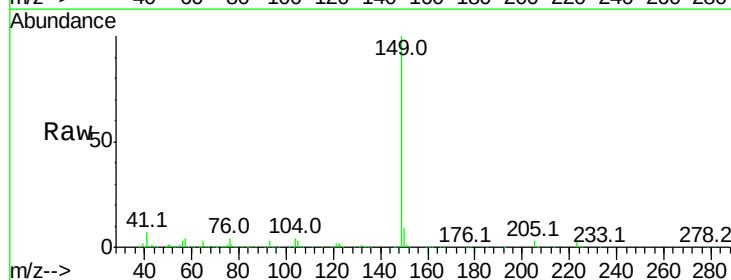
Instrument :
 BNA_F
 ClientSampleId :

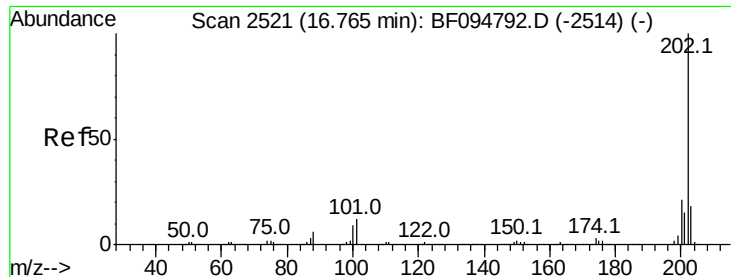
Tot Ion:178 Resp: 714151
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.6 12.7 19.1



#73
 Di-n-butylphthalate
 Concen: 45.36 ng
 RT: 15.95 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion:149 Resp: 908618
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.2 4.0 6.0

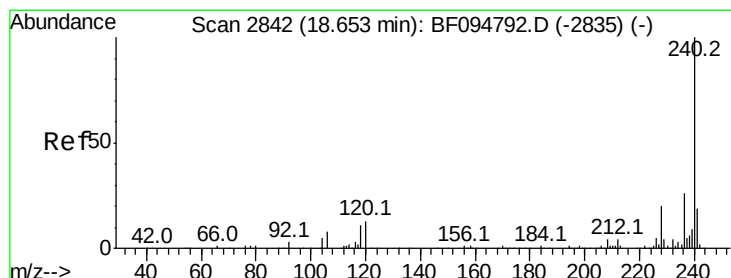
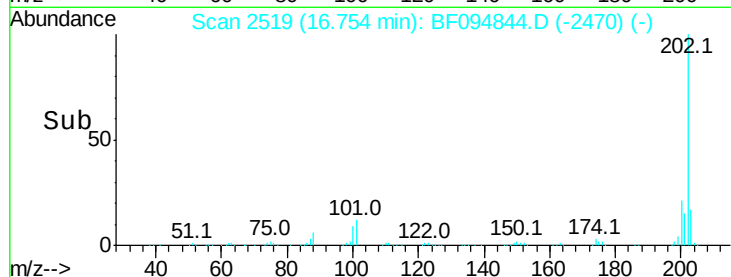
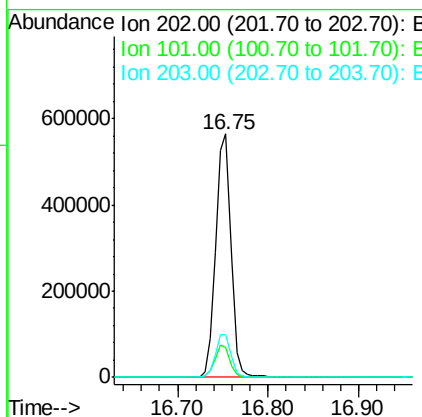
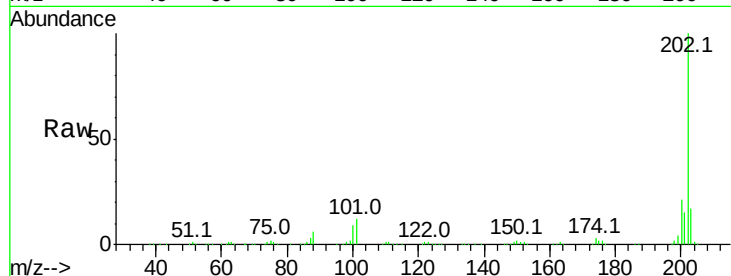




#74
 Fluoranthene
 Concen: 37.05 ng
 RT: 16.75 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

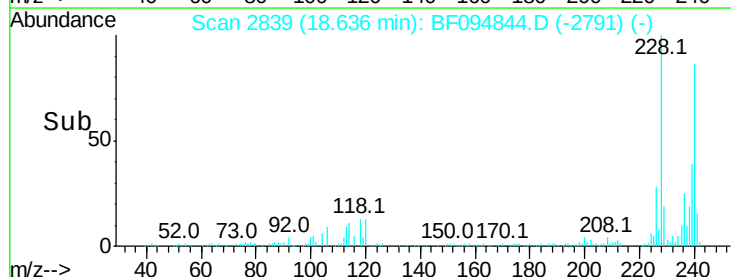
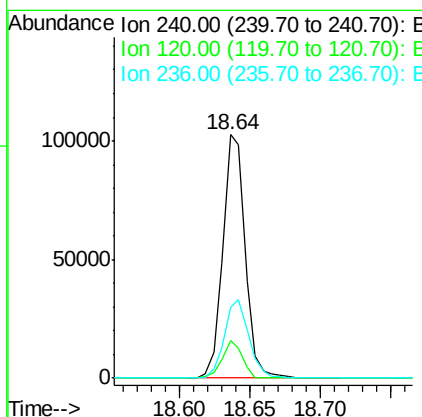
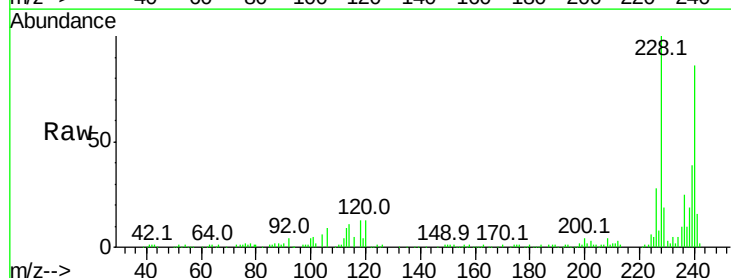
Instrument :
 BNA_F
 ClientSampleId :

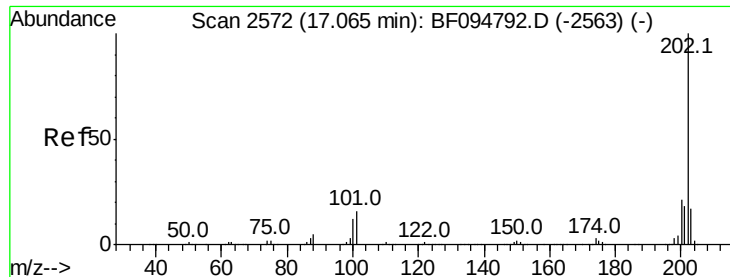
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.2
203	17.5	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	28.9	20.5	30.7

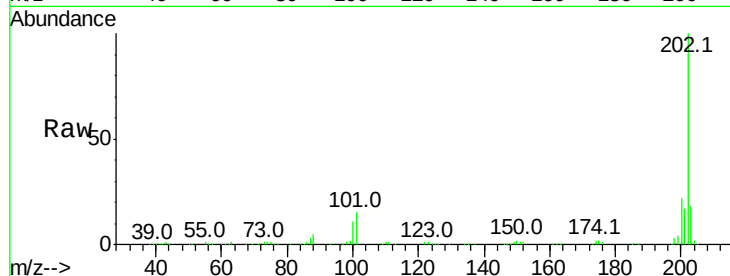




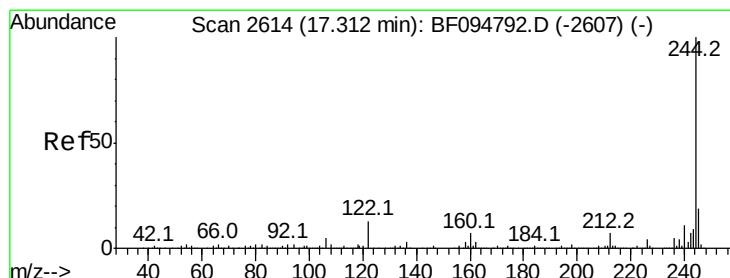
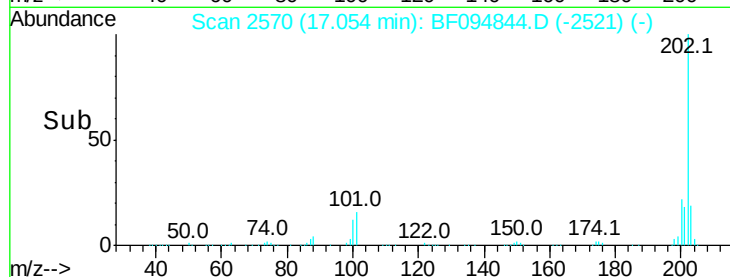
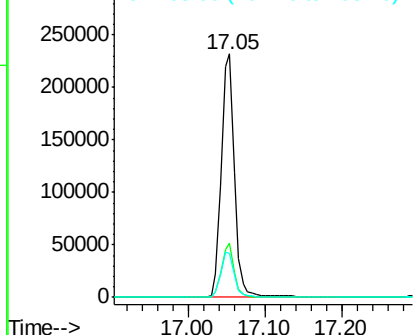
#77
Pvrene
Concen: 32.78 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 276267
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 17.9 14.4 21.6

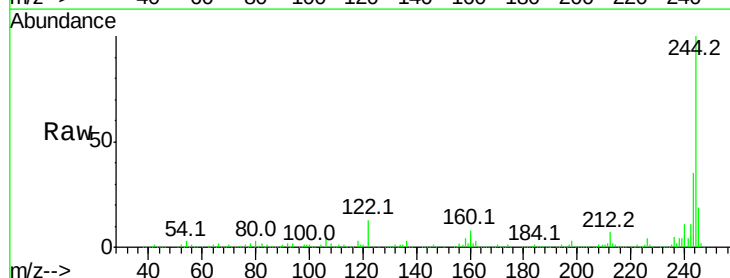


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

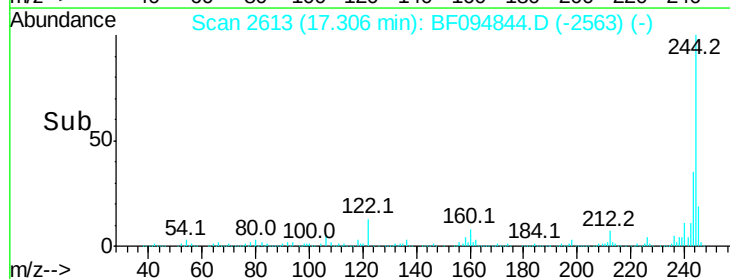
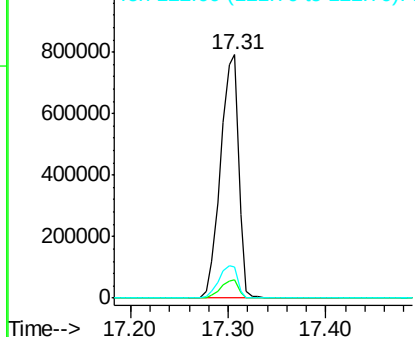


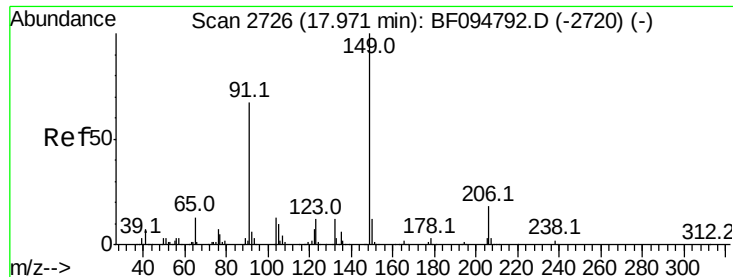
#78
Terphenyl-d14
Concen: 200.03 ng
RT: 17.31 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion:244 Resp: 1023262
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 13.0 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: 13.06 ng

RT: 17.95 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

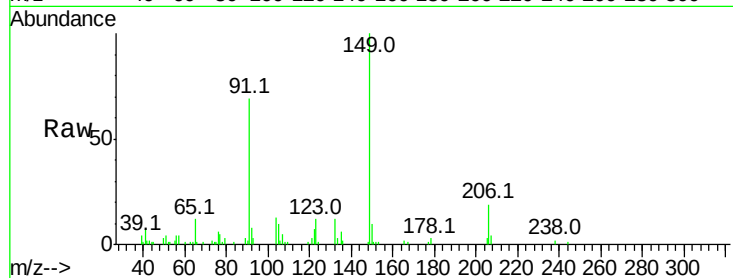
Tot Ion:149 Resp: 51194

Ion Ratio Lower Upper

149 100

91 68.7 45.0 67.4#

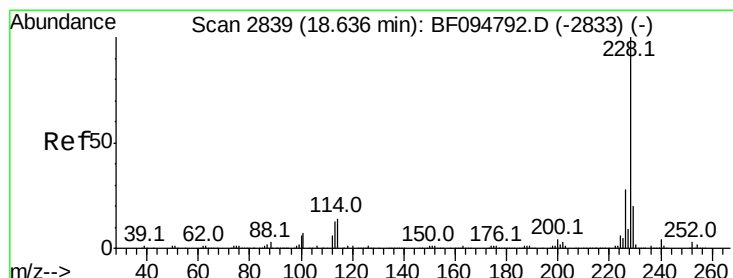
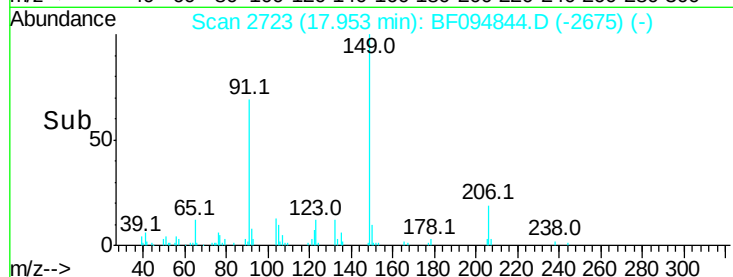
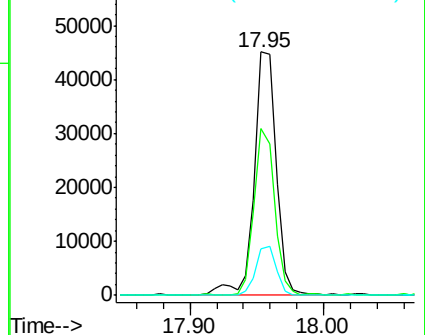
206 19.3 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 57.55 ng

RT: 18.62 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

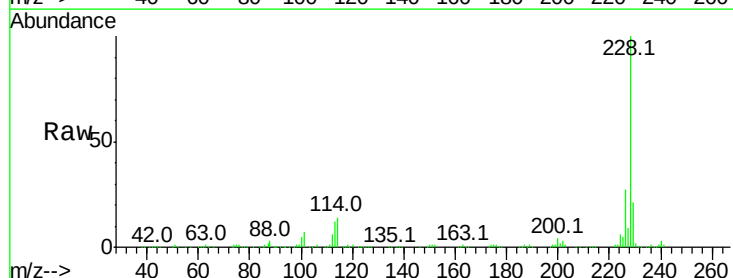
Tgt Ion:228 Resp: 377364

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

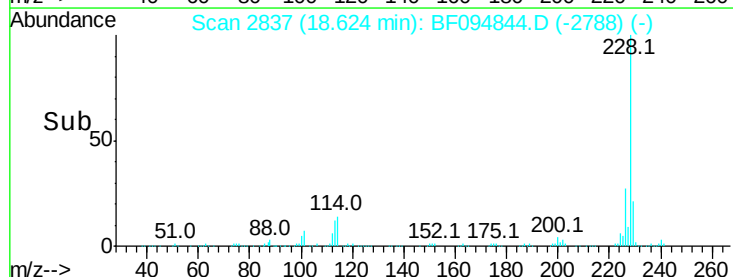
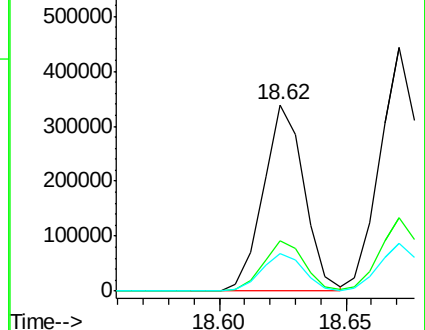
229 20.5 16.3 24.5

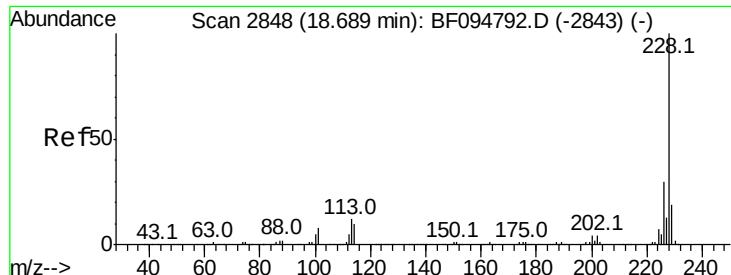


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 75.42 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampled :

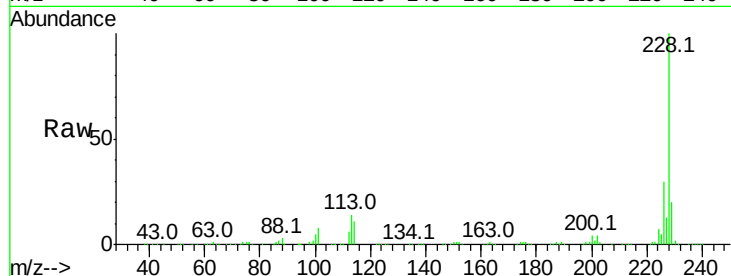
Tot Ion:228 Resp: 478220

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

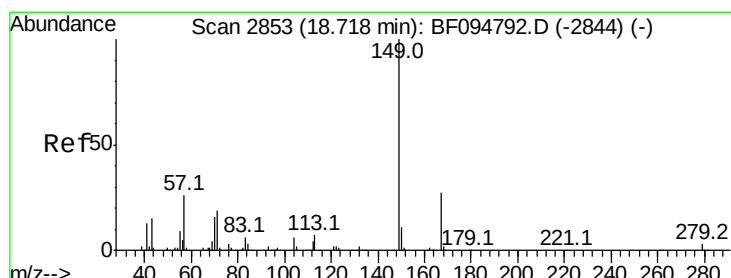
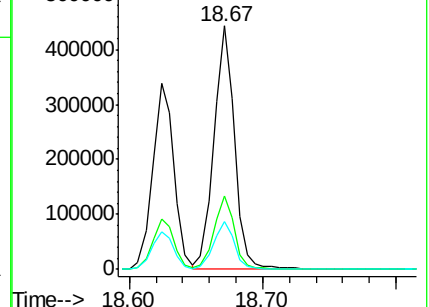
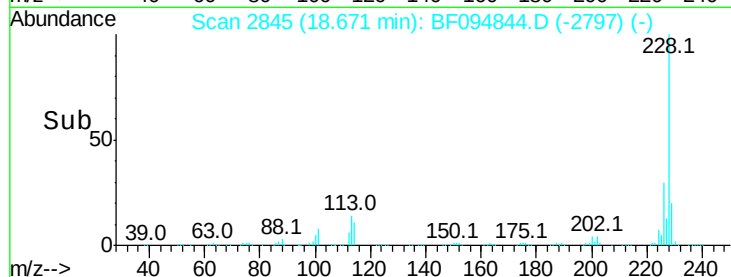
229 19.7 15.8 23.6



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: 101.37 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

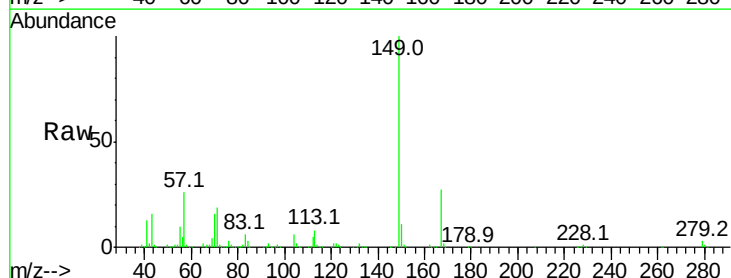
Tgt Ion:149 Resp: 566115

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

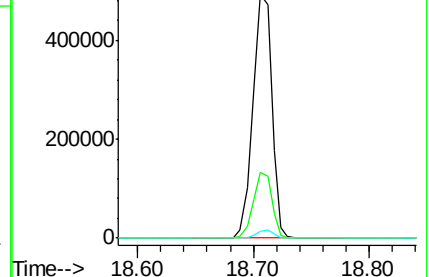
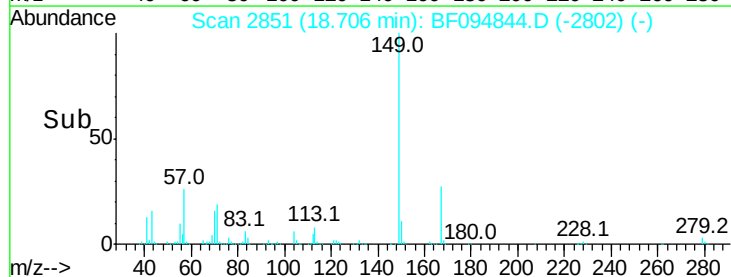
279 3.0 1.9 2.9#

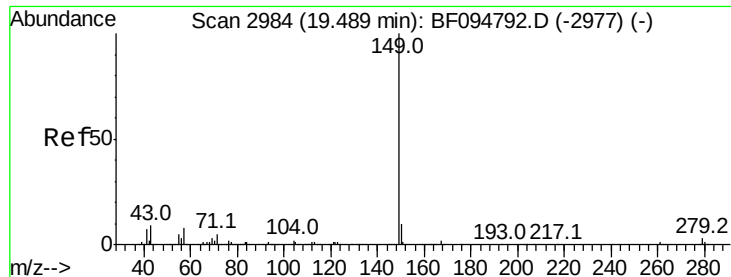


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 89.65 ng

RT: 19.48 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

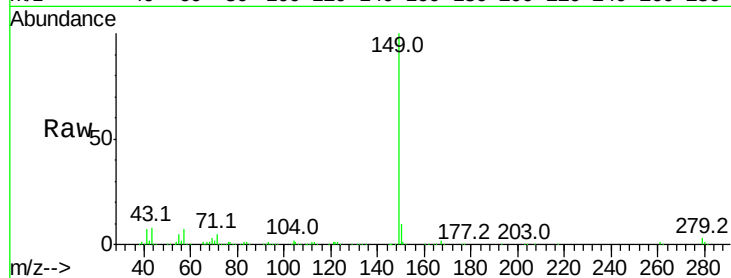
Tot Ion:149 Resp: 820795

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

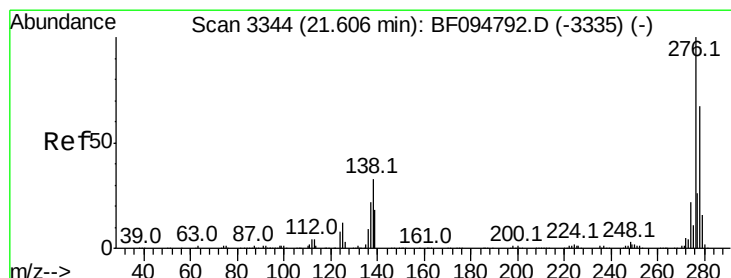
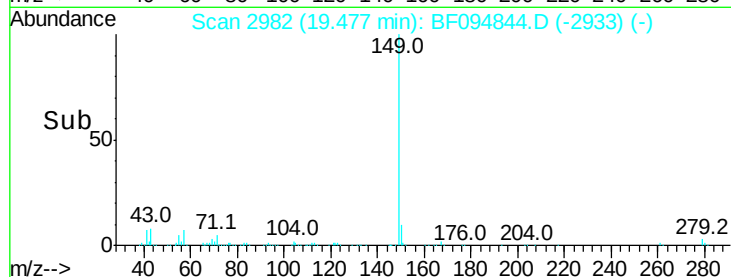
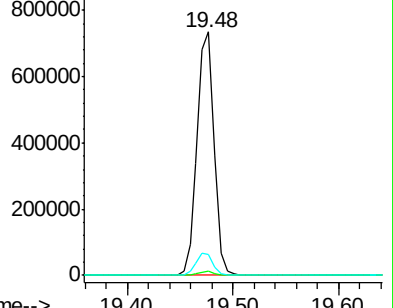
43 9.1 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 14.27 ng

RT: 21.59 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

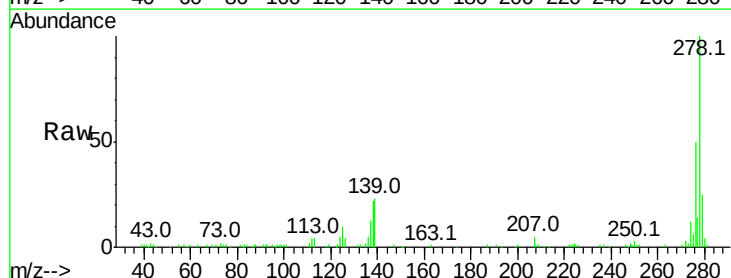
Tgt Ion:276 Resp: 73475

Ion Ratio Lower Upper

276 100

138 46.5 27.8 41.6#

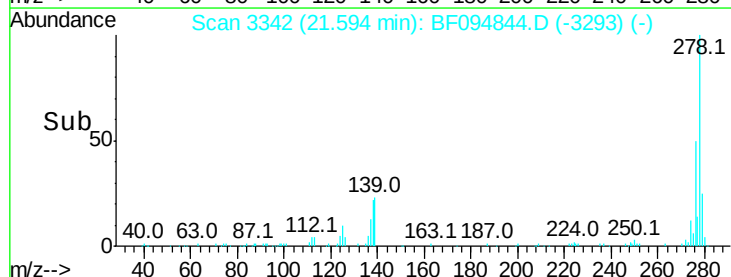
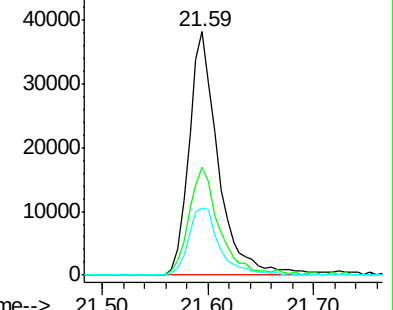
277 29.5 20.2 30.4

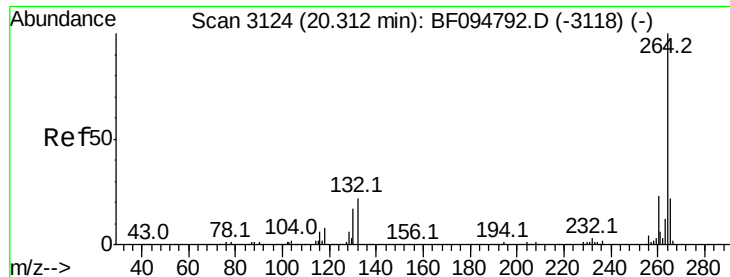


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

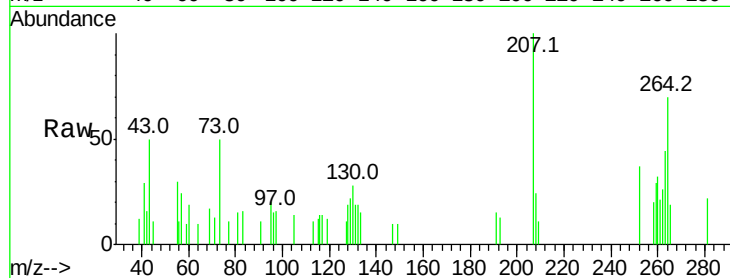




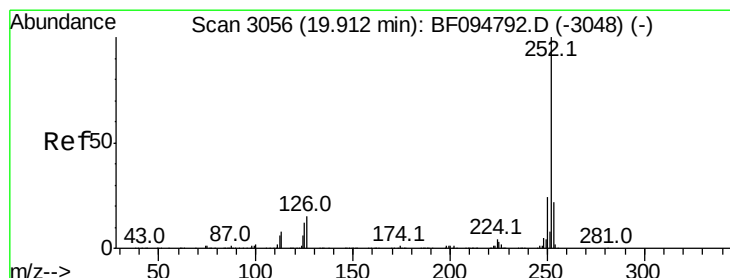
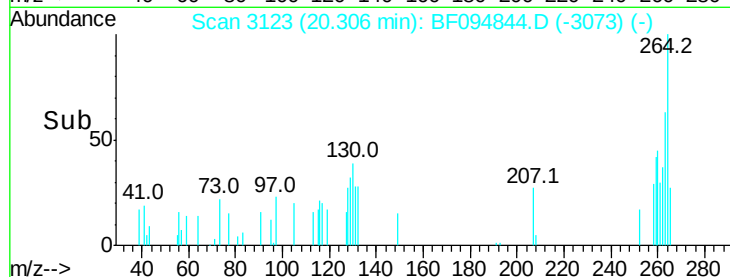
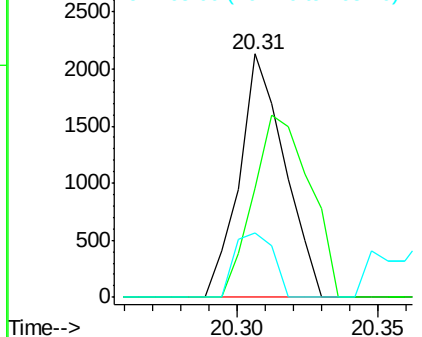
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 2367
Ion Ratio Lower Upper
264 100
260 45.1 19.5 29.3#
265 26.7 17.2 25.8#

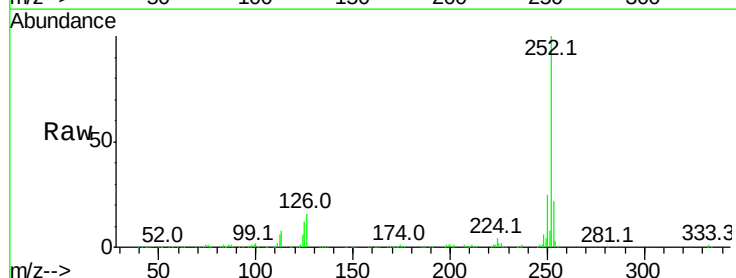


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

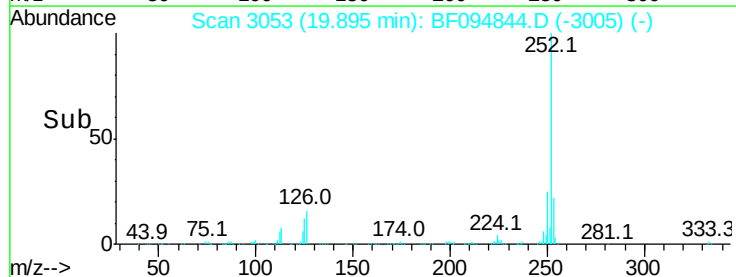
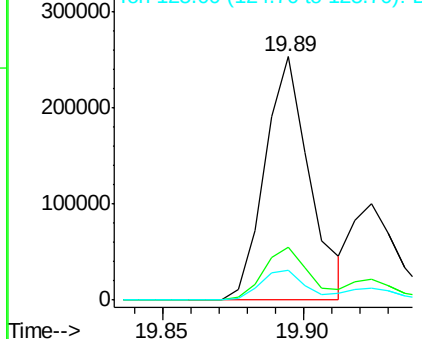


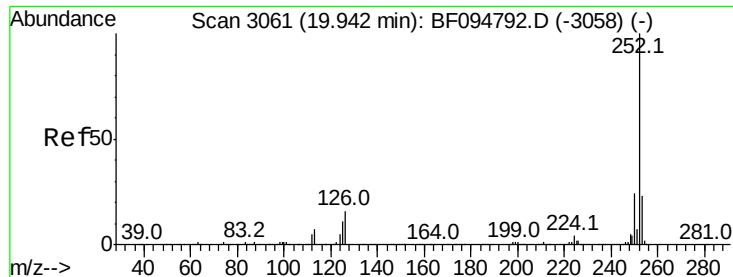
#87
Benzo(b)fluoranthene
Concen: 1903.99 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion:252 Resp: 278478
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 12.2 9.8 14.8



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

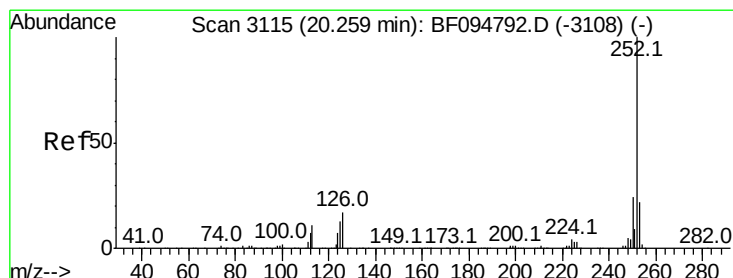
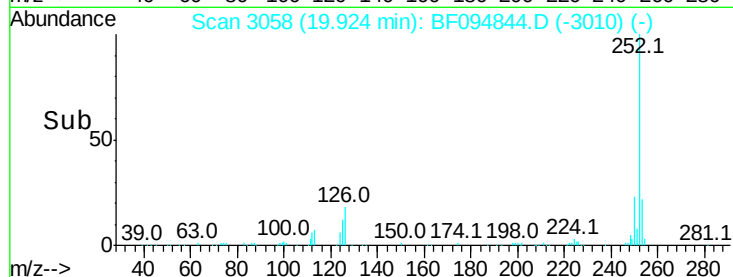
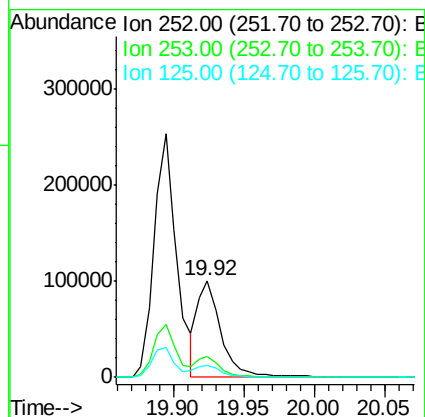
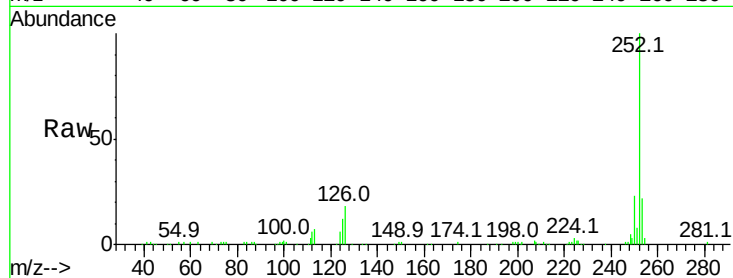




#88
Benzo(k)fluoranthene
Concen: 812.46 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

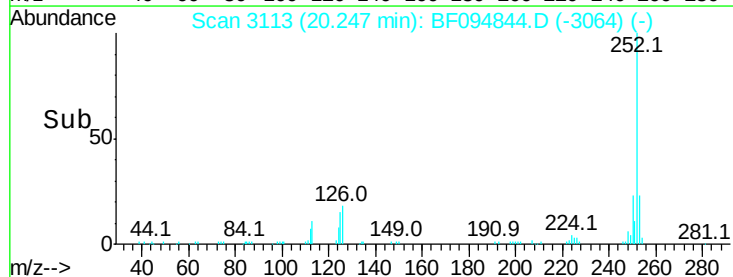
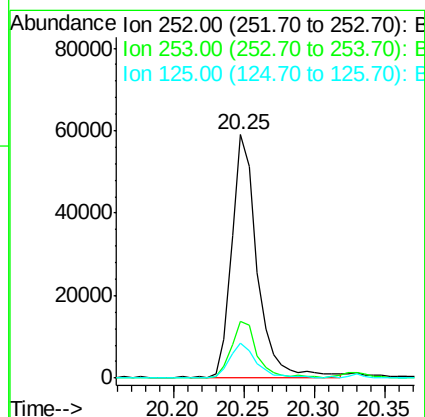
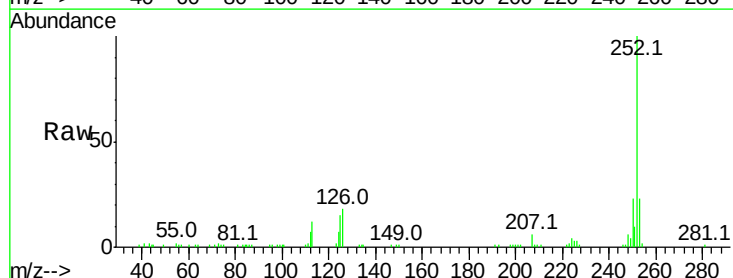
Instrument :
BNA_F
ClientSampleId :

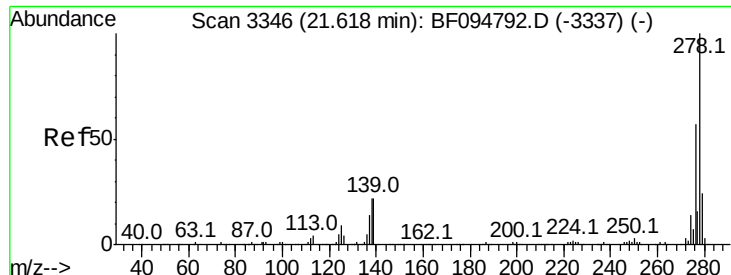
Tot Ion:252 Resp: 114624
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 11.9 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 552.13 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion:252 Resp: 74516
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 14.5 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 1366.56 ng

RT: 21.59 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

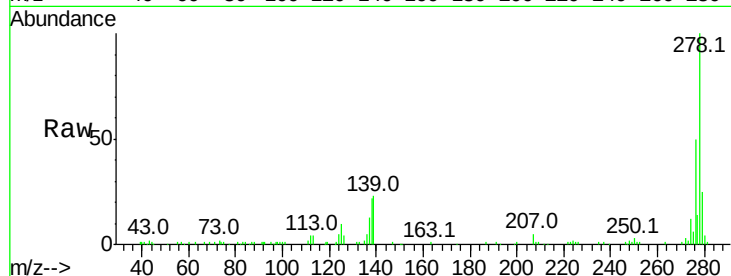
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 152319

Ion	Ratio	Lower	Upper
278	100		
139	22.9	16.6	24.8
279	25.3	19.3	28.9

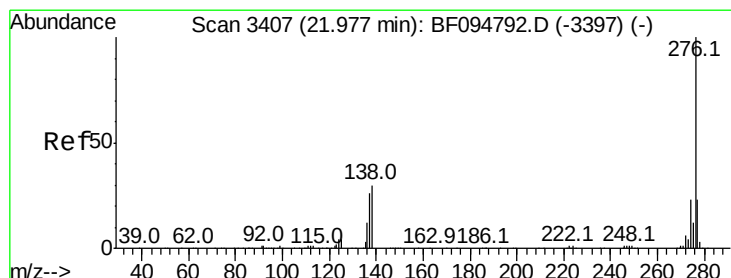
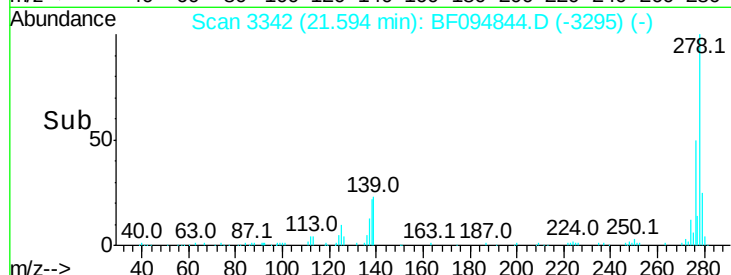
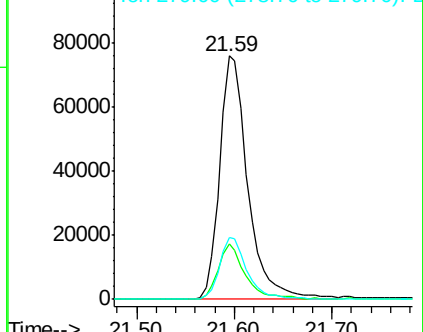


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 649.46 ng

RT: 21.97 min Scan# 3406

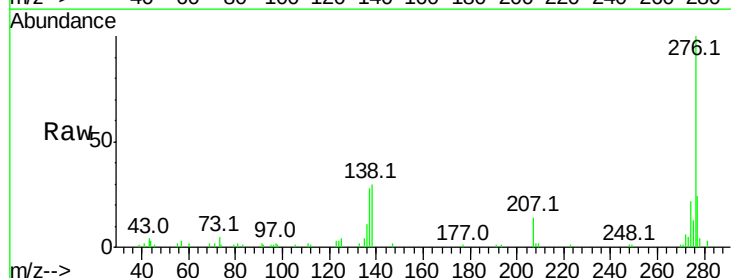
Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tgt Ion:276 Resp: 71039

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	29.8	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

