

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094951.D
 Acq On : 6 May 2017 9:40
 Operator : SJ/MA
 Sample : SSTDC0040EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 01:37:02 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	96794	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	386792	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	174680	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	303172	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	229949	20.00	ng	-0.01
86) Perylene-d12	20.30	264	182219	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	455656	78.48	ng	-0.02
7) Phenol-d6	7.26	99	580423	83.32	ng	-0.02
23) Nitrobenzene-d5	8.62	82	462142	75.34	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	117538	82.16	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	991214	81.67	ng	-0.01
78) Terphenyl-d14	17.30	244	819654	78.51	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.07	88	137799	48.40	ng	95
3) Pyridine	2.74	79	262771	39.82	ng	95
4) n-Nitrosodimethylamine	2.67	42	99361	36.12	ng	88
6) Aniline	7.22	93	379557	43.16	ng	96
8) 2-Chlorophenol	7.41	128	267253	40.44	ng	95
9) Benzaldehyde	7.03	77	168614	39.64	ng	96
10) Phenol	7.28	94	300517	40.94	ng	89
11) bis(2-Chloroethyl)ether	7.35	93	249460	41.17	ng	96
12) 1,3-Dichlorobenzene	7.62	146	304698	40.65	ng	97
13) 1,4-Dichlorobenzene	7.75	146	316546	41.64	ng	98
14) 1,2-Dichlorobenzene	7.98	146	295777	41.68	ng	97
15) Benzyl Alcohol	8.00	79	214761	47.93	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	324110	37.79	ng	# 49
17) 2-Methylphenol	8.21	107	215219	39.80	ng	# 87
18) Hexachloroethane	8.50	117	105154	40.83	ng	# 85
19) n-Nitroso-di-n-propylamine	8.42	70	192057	40.77	ng	94
20) 3+4-Methylphenols	8.47	107	302167	41.12	ng	# 61
22) Acetophenone	8.39	105	397998	42.89	ng	# 85
24) Nitrobenzene	8.65	77	244134	37.97	ng	90
25) Isophorone	9.05	82	465740	42.52	ng	95
26) 2-Nitrophenol	9.15	139	147022	42.38	ng	97
27) 2,4-Dimethylphenol	9.30	122	230563	41.11	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	301782	39.83	ng	98
29) 2,4-Dichlorophenol	9.57	162	218913	41.33	ng	97
30) 1,2,4-Trichlorobenzene	9.67	180	233320	41.12	ng	97
31) Naphthalene	9.78	128	772811	39.75	ng	99
32) Benzoic acid	9.61	122	132051	37.14	ng	90
33) 4-Chloroaniline	9.91	127	312165	43.09	ng	# 93
34) Hexachlorobutadiene	10.00	225	116965	39.07	ng	97
35) Caprolactam	10.52	113	54653	34.37	ng	90
36) 4-Chloro-3-methylphenol	10.76	107	228059	40.28	ng	91
37) 2-Methylnaphthalene	10.90	142	511958	40.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	203921	37.96	ng	99
40) Hexachlorocyclopentadiene	11.15	237	65875	33.02	ng	100

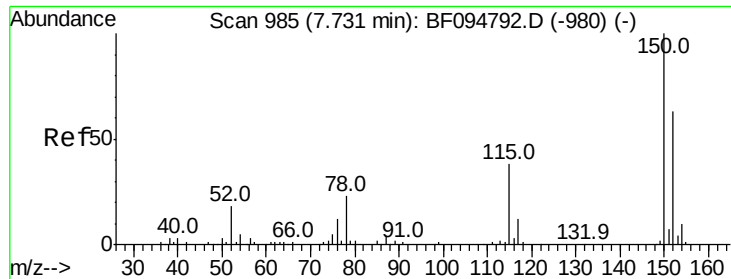
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	143508	40.01	nq	98
43) 2,4,5-Trichlorophenol	11.48	196	144553	37.50	nq	93
45) 1,1'-Biphenyl	11.67	154	619011	42.09	nq	98
46) 2-Chloronaphthalene	11.68	162	473602	39.88	nq	96
47) 2-Nitroaniline	11.89	65	126318	38.86	nq	# 77
48) Acenaphthylene	12.34	152	772068	41.51	nq	99
49) Dimethylphthalate	12.21	163	543175	37.88	nq	98
50) 2,6-Dinitrotoluene	12.30	165	122730	41.95	nq	# 90
51) Acenaphthene	12.62	154	454661	40.92	nq	99
52) 3-Nitroaniline	12.57	138	123341	39.28	nq	92
53) 2,4-Dinitrophenol	12.78	184	48803	34.17	nq	# 66
54) Dibenzofuran	12.91	168	689939	44.88	nq	98
55) 4-Nitrophenol	12.97	139	62754	33.27	nq	# 59
56) 2,4-Dinitrotoluene	12.97	165	162394	43.20	nq	# 90
57) Fluorene	13.47	166	546950	40.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	108481	44.71	nq	# 94
59) Diethylphthalate	13.36	149	507921	36.95	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	241843	41.16	nq	88
61) 4-Nitroaniline	13.57	138	114119	39.59	nq	97
62) Azobenzene	13.75	77	500468	45.31	nq	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	79437	39.09	nq	# 68
65) n-Nitrosodiphenylamine	13.70	169	451982	41.08	nq	100
66) 4-Bromophenyl-phenylether	14.28	248	120716	37.69	nq	97
67) Hexachlorobenzene	14.36	284	123131	37.51	nq	# 89
68) Atrazine	14.62	200	122938	39.57	nq	97
69) Pentachlorophenol	14.71	266	49747	36.93	nq	99
70) Phenanthrene	15.01	178	716307	41.12	nq	99
71) Anthracene	15.09	178	719930	40.46	nq	97
72) Carbazole	15.37	167	653004	40.33	nq	97
73) Di-n-butylphthalate	15.94	149	814211	40.33	nq	98
74) Fluoranthene	16.75	202	741372	41.49	nq	98
76) Benzidine	16.98	184	116038	22.69	nq	95
77) Pyrene	17.05	202	743912	43.26	nq	99
79) Butylbenzylphthalate	17.95	149	331128	41.40	nq	# 86
80) Benzo(a)anthracene	18.62	228	535359	40.00	nq	100
81) 3,3'-Dichlorobenzidine	18.61	252	170892	36.97	nq	# 94
82) Chrysene	18.67	228	501731	38.77	nq	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	476587	41.82	nq	# 100
84) Di-n-octyl phthalate	19.47	149	747375	40.00	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	477233	45.41	nq	99
87) Benzo(b)fluoranthene	19.89	252	455087	40.42	nq	98
88) Benzo(k)fluoranthene	19.92	252	442813	40.77	nq	96
89) Benzo(a)pyrene	20.25	252	433717	41.74	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	398288	46.42	nq	97
91) Benzo(g,h,i)perylene	21.96	276	415857	49.39	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

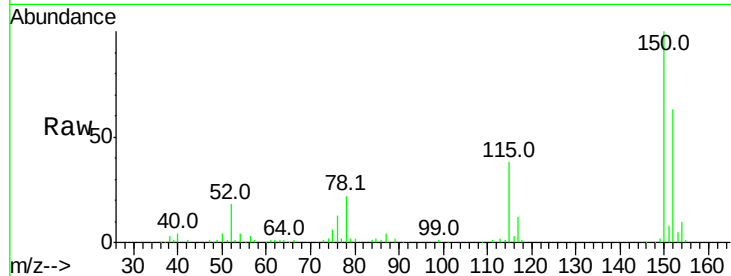
Tot Ion:152 Resp: 96794

Ion Ratio Lower Upper

152 100

150 159.1 126.2 189.2

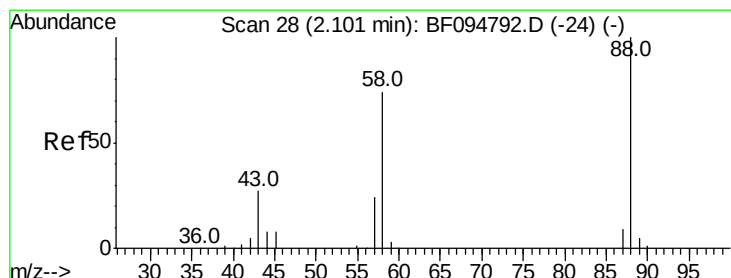
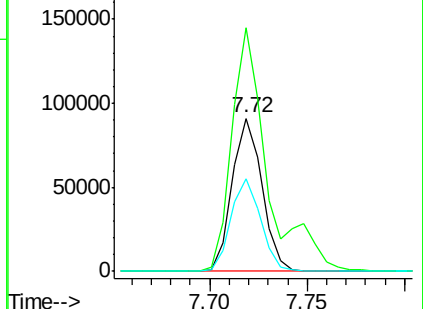
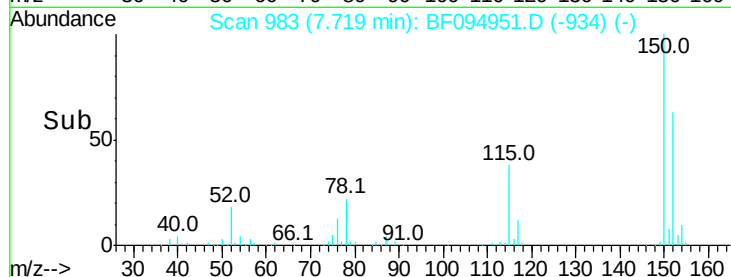
115 60.5 52.2 78.2



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: 48.40 ng

RT: 2.07 min Scan# 23

Delta R.T. -0.03 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

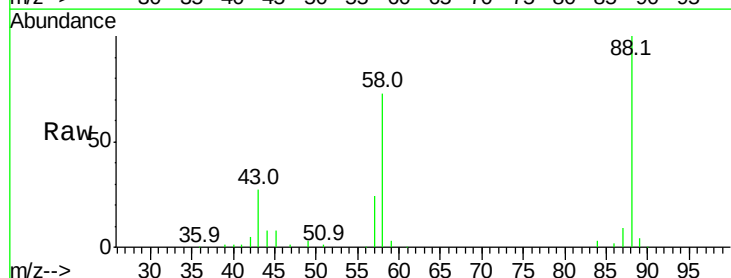
Tgt Ion: 88 Resp: 137799

Ion Ratio Lower Upper

88 100

58 72.3 61.4 92.0

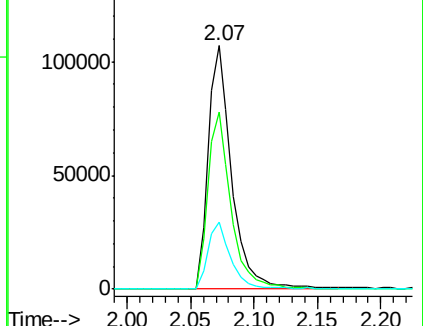
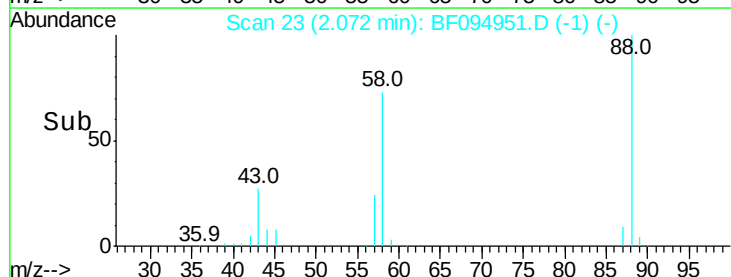
43 27.0 23.4 35.0

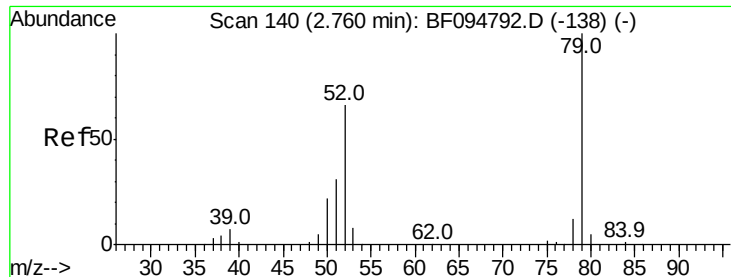


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.82 ng

RT: 2.74 min Scan# 136

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampled :

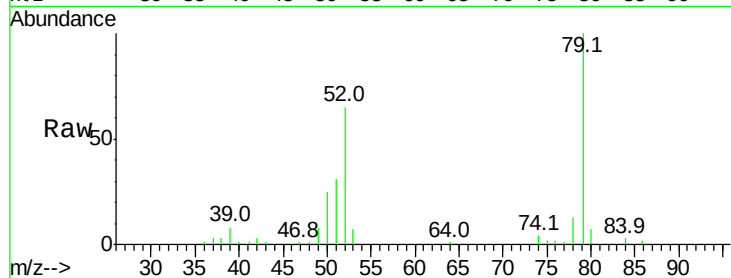
Tot Ion: 79 Resp: 262771

Ion Ratio Lower Upper

79 100

52 65.1 54.8 82.2

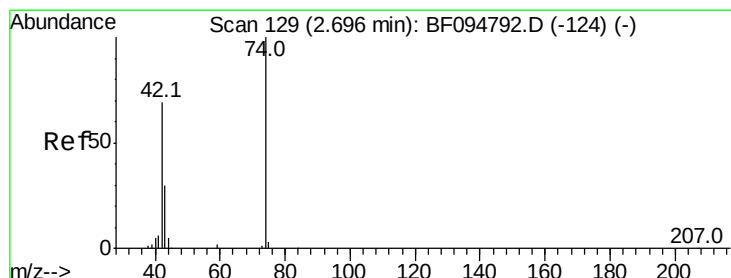
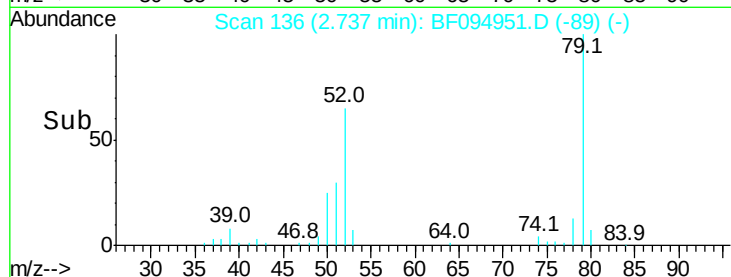
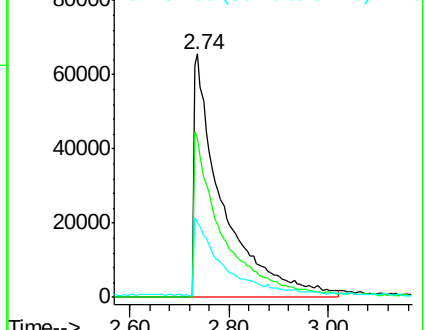
51 30.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.12 ng

RT: 2.67 min Scan# 125

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

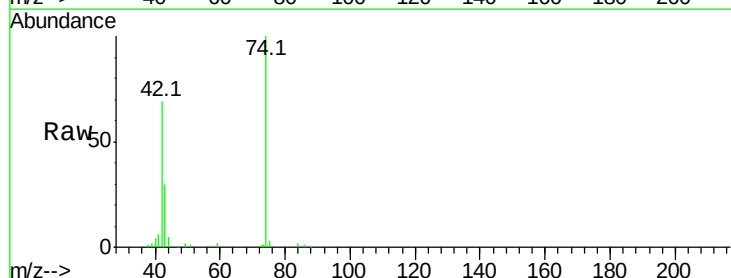
Tgt Ion: 42 Resp: 99361

Ion Ratio Lower Upper

42 100

74 144.6 103.9 155.9

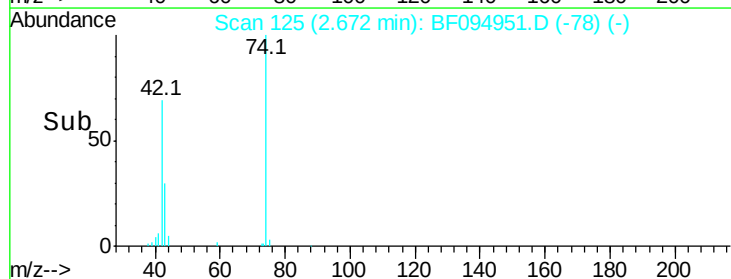
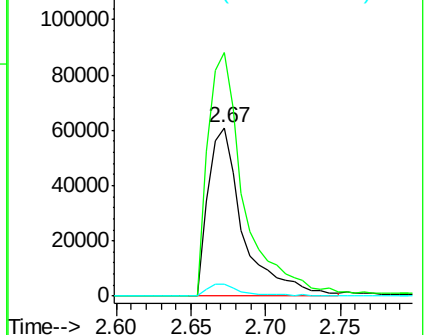
44 7.4 5.7 8.5

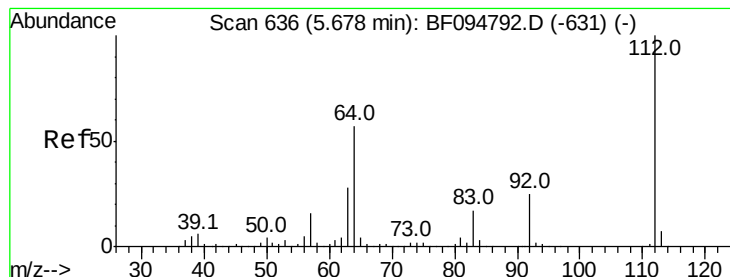


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

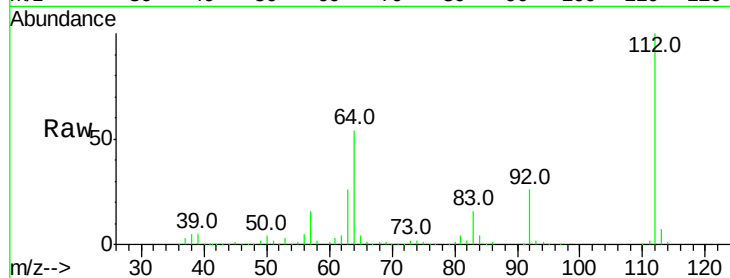




#5
 2-Fluorophenol
 Concen: 78.48 ng
 RT: 5.66 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Instrument :
 BNA_F
 ClientSampled :

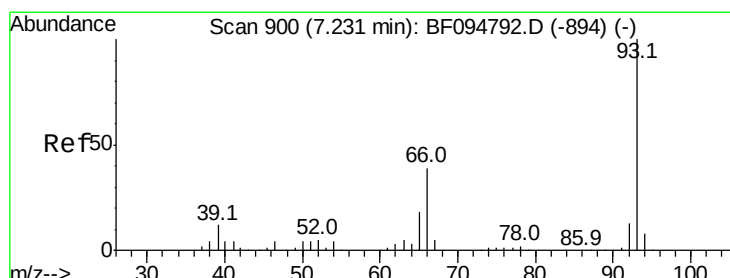
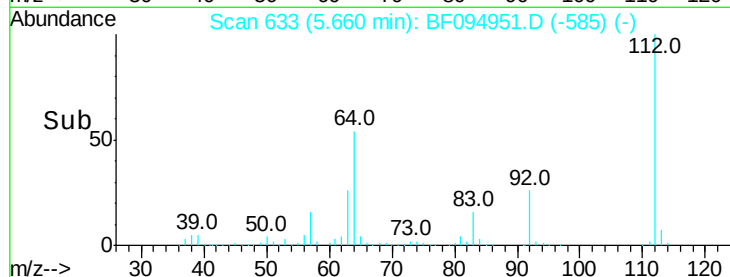
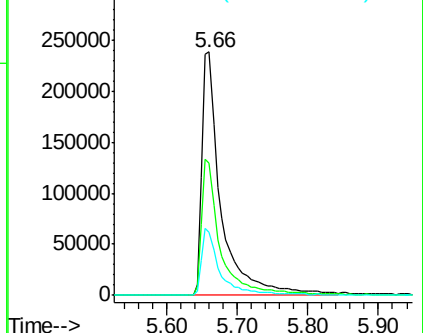
Tot Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	25.9	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

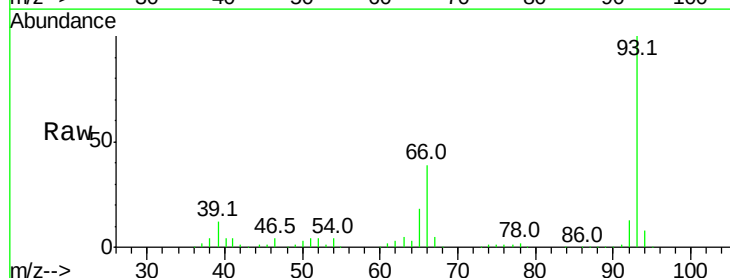
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6
 Aniline
 Concen: 43.16 ng
 RT: 7.22 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

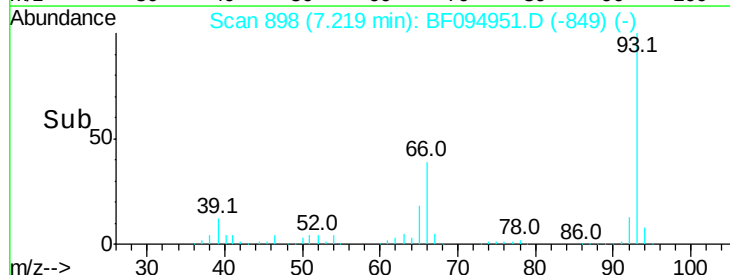
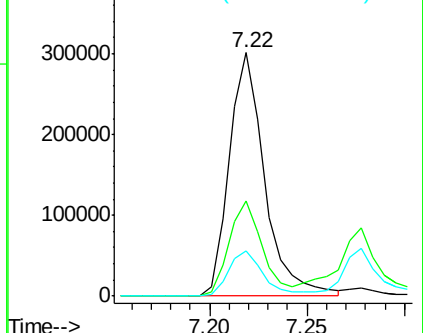
Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.9	32.9	49.3
65	18.3	16.0	24.0

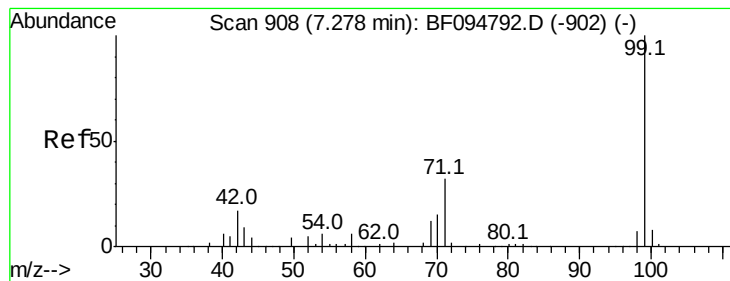


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.32 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

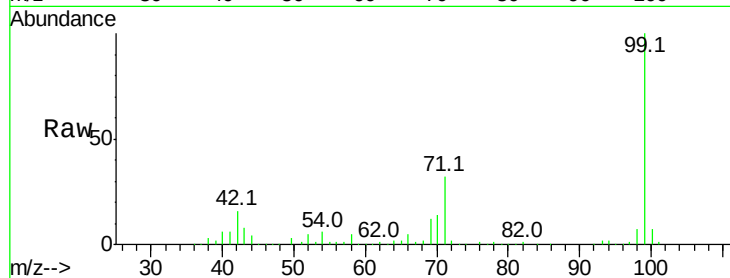
Tot Ion: 99 Resp: 580423

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

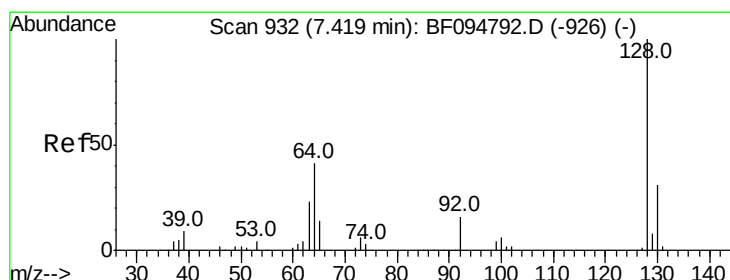
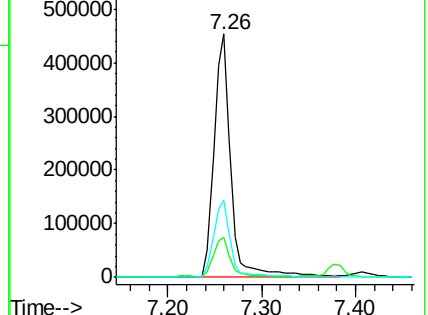
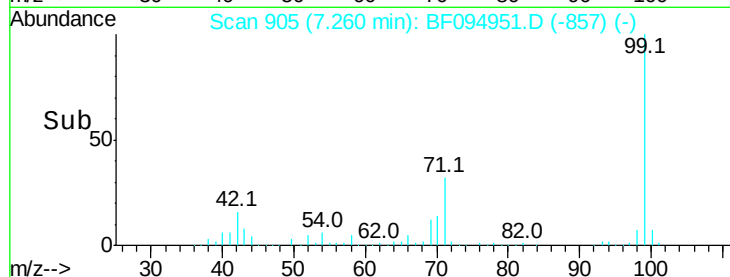
71 31.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.44 ng

RT: 7.41 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

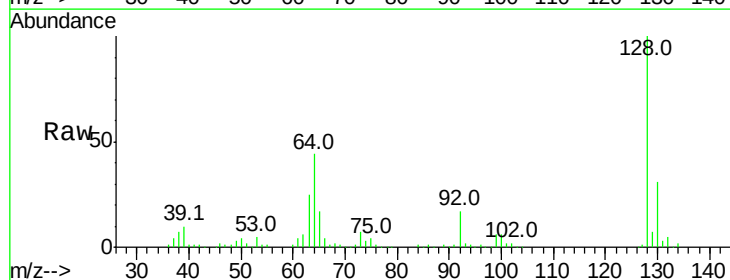
Tgt Ion: 128 Resp: 267253

Ion Ratio Lower Upper

128 100

130 31.4 12.9 52.9

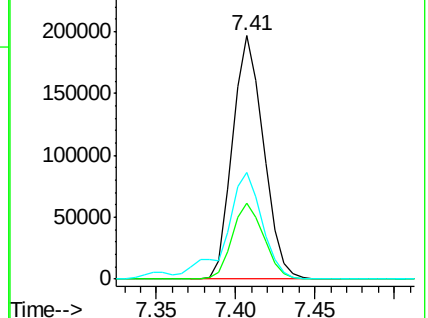
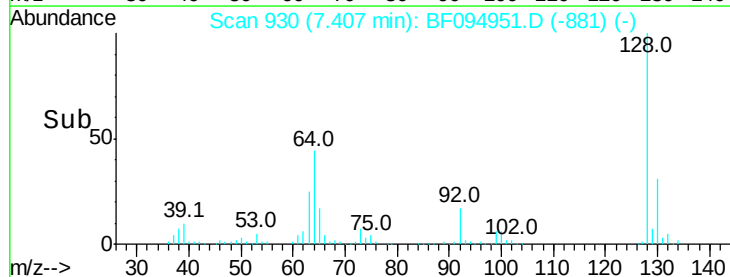
64 43.9 28.4 68.4

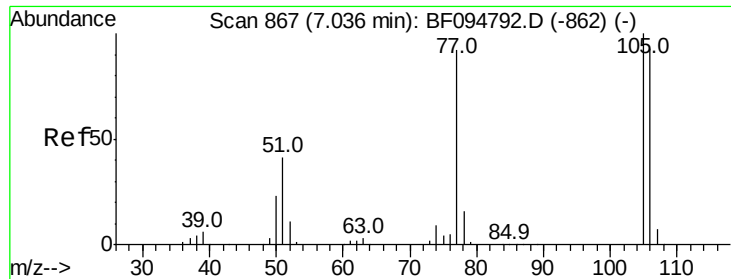


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

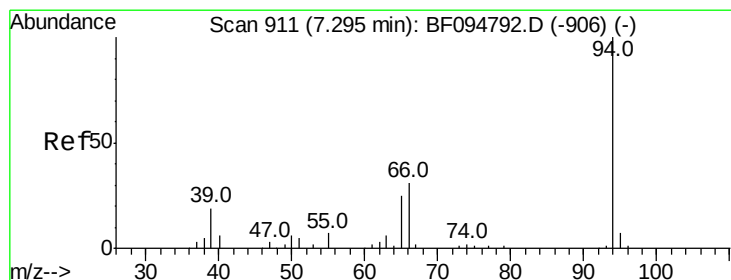
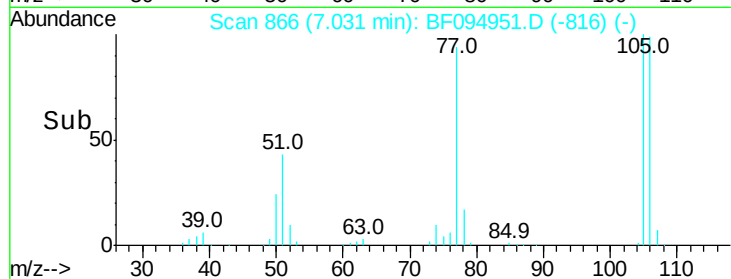
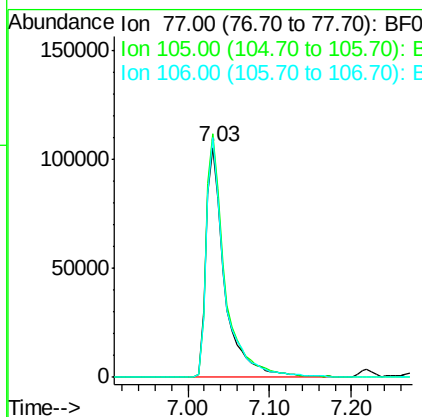
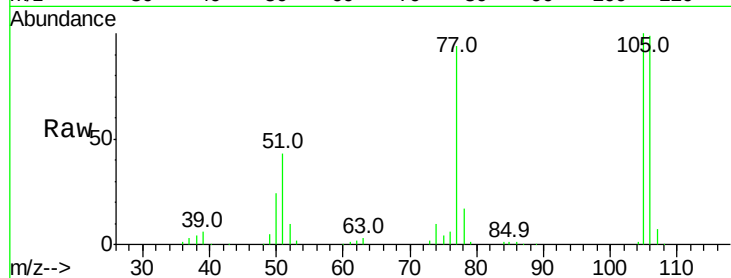




#9
Benzaldehyde
Concen: 39.64 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

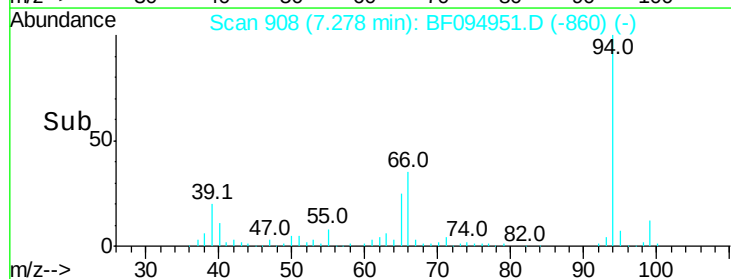
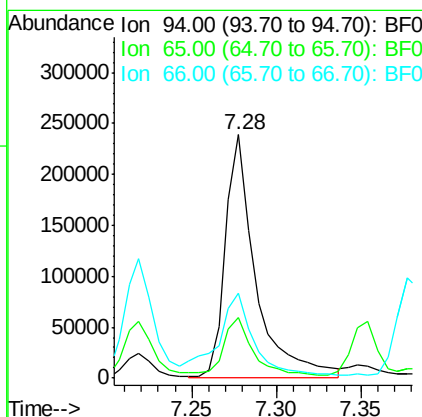
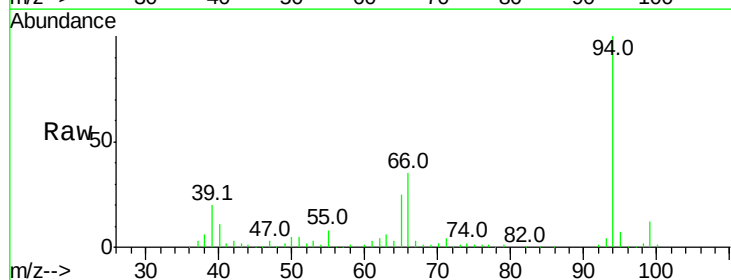
Instrument :
BNA_F
ClientSampled :

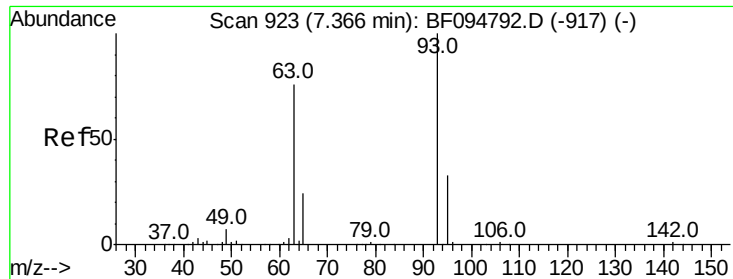
Tot Ion: 77 Resp: 168614
Ion Ratio Lower Upper
77 100
105 105.9 83.8 123.8
106 104.5 79.1 119.1



#10
Phenol
Concen: 40.94 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Tgt Ion: 94 Resp: 300517
Ion Ratio Lower Upper
94 100
65 24.9 9.9 49.9
66 35.1 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.17 ng

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

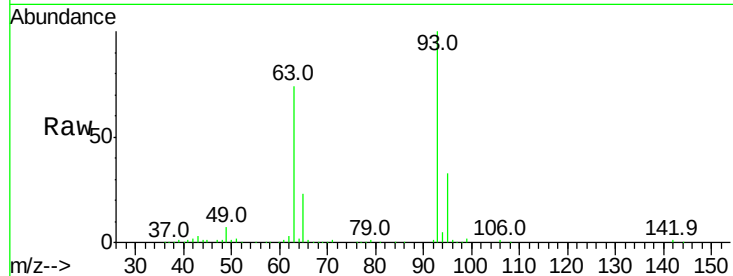
Tot Ion: 93 Resp: 249460

Ion Ratio Lower Upper

93 100

63 74.1 59.2 99.2

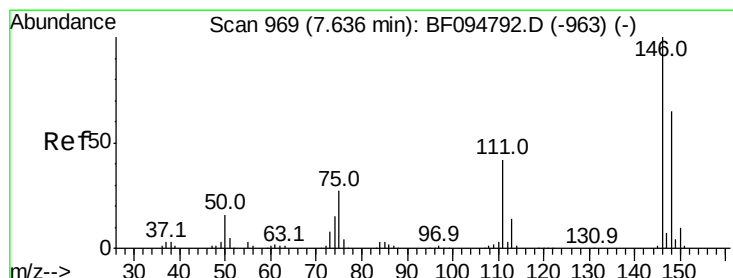
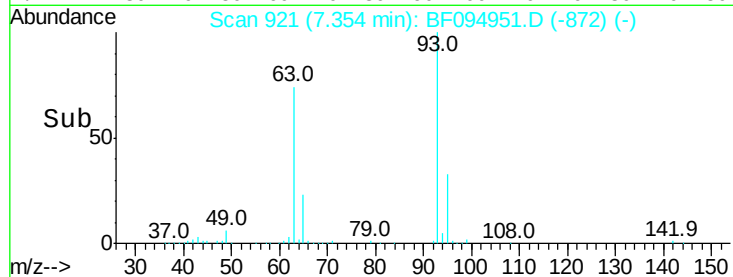
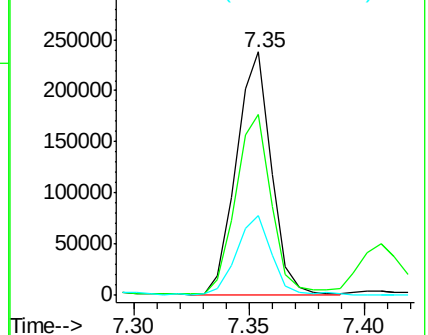
95 32.6 12.8 52.8



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: 40.65 ng

RT: 7.62 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

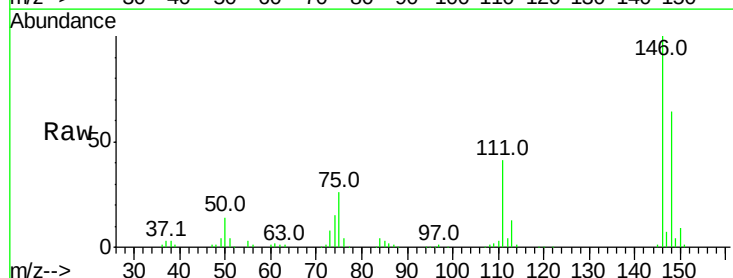
Tgt Ion: 146 Resp: 304698

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

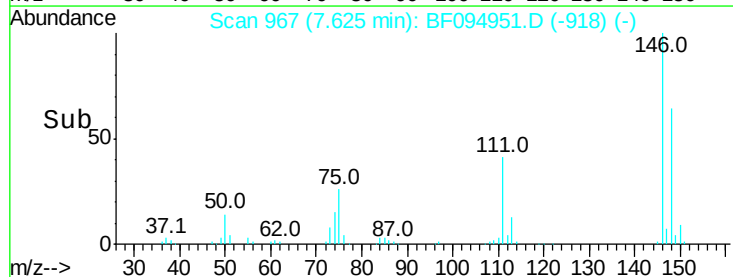
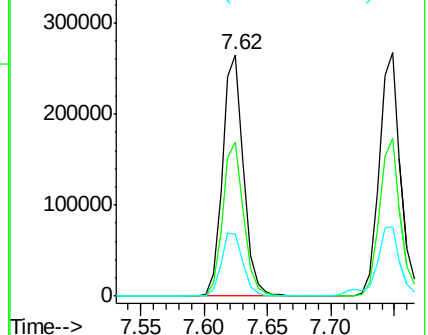
75 25.9 23.1 34.7

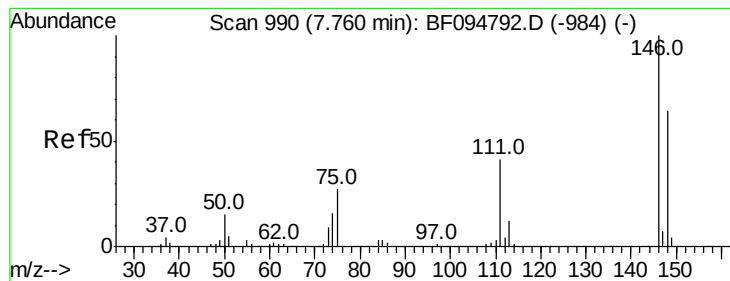


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.64 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

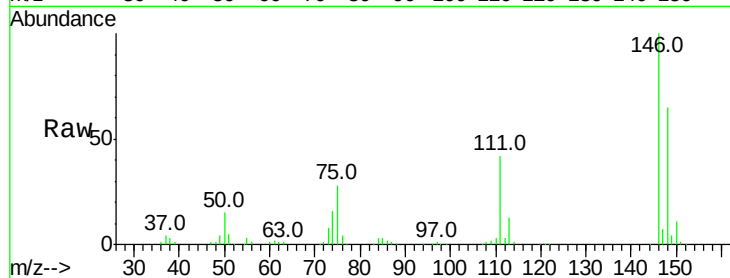
Tot Ion:146 Resp: 316546

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.2

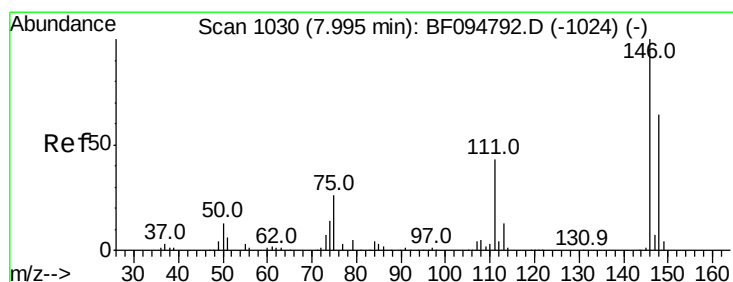
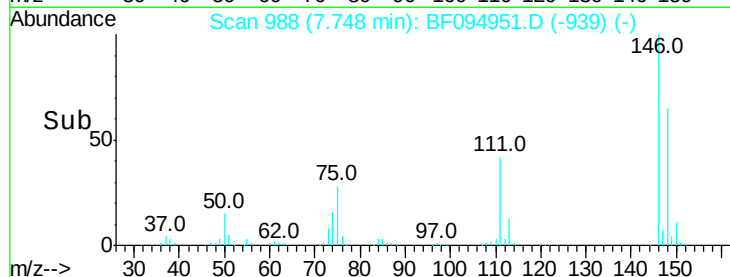
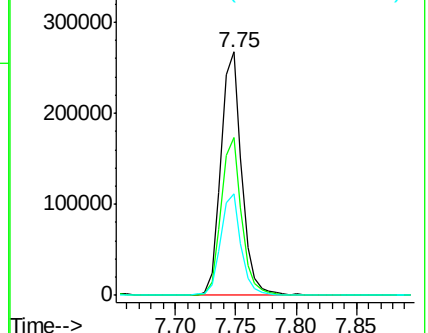
111 41.5 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.68 ng

RT: 7.98 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

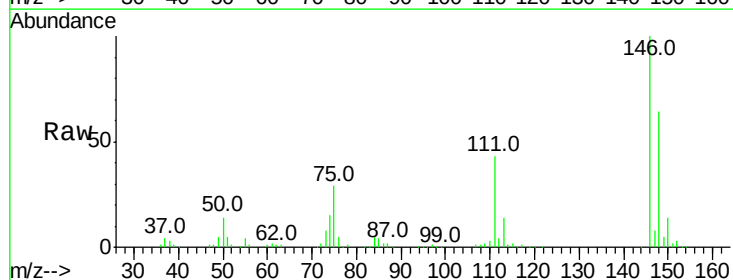
Tgt Ion:146 Resp: 295777

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

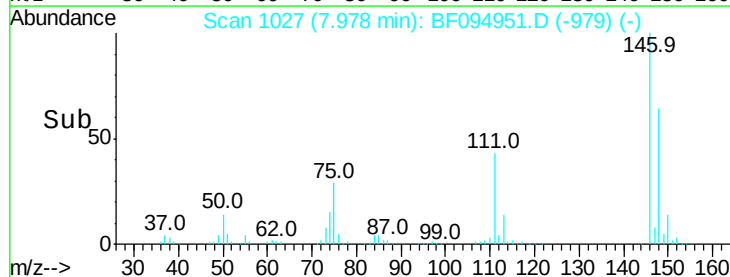
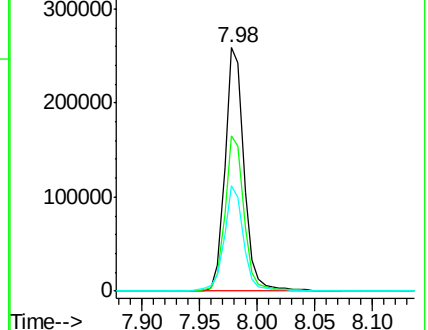
111 43.2 38.2 57.4

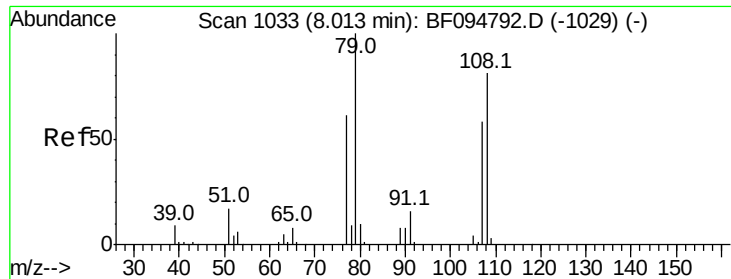


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

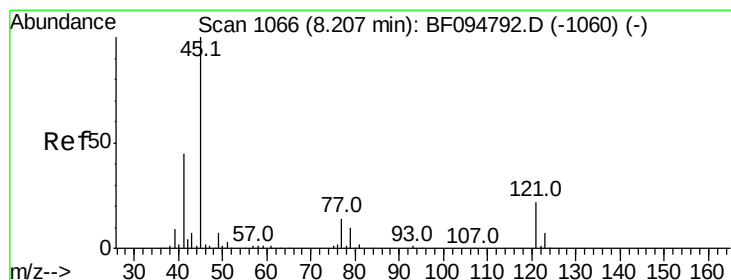
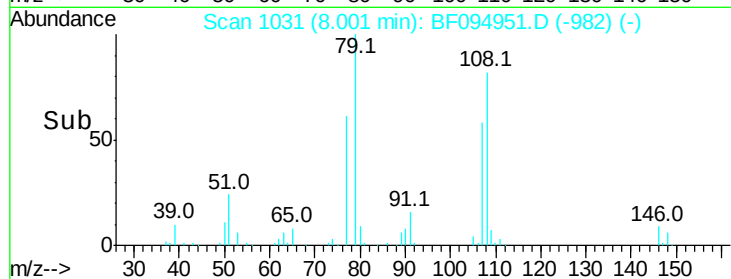
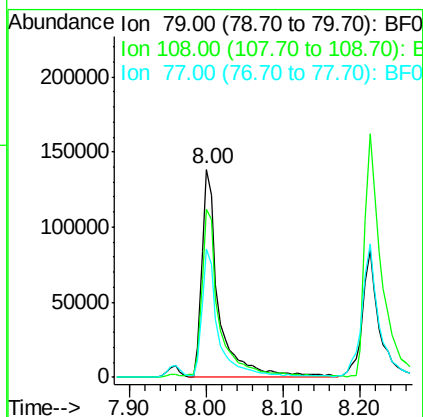
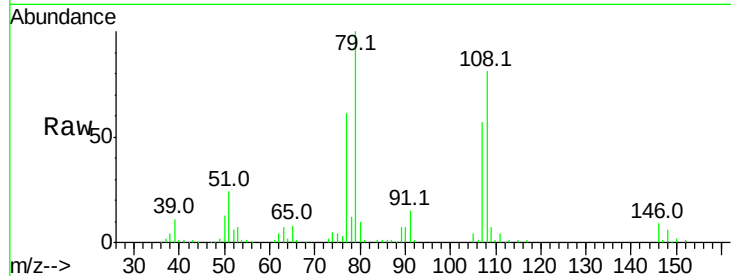




#15
Benzyl Alcohol
Concen: 47.93 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

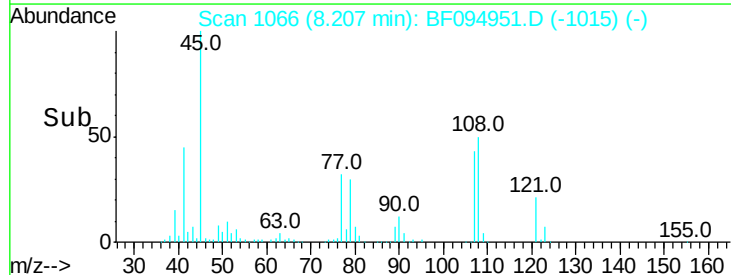
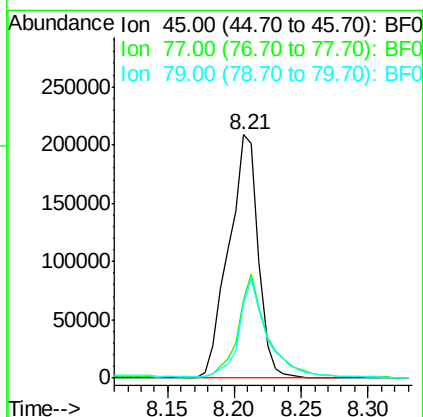
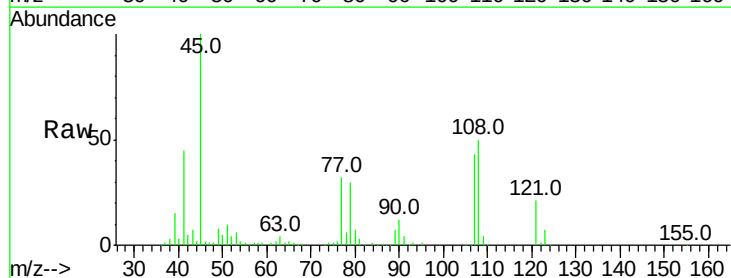
Instrument :
BNA_F
ClientSampleId :

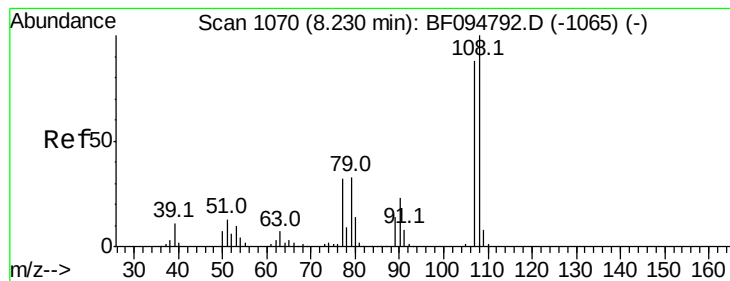
Tot Ion: 79 Resp: 214761
Ion Ratio Lower Upper
79 100
108 80.8 63.4 95.0
77 61.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.79 ng
RT: 8.21 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Tgt Ion: 45 Resp: 324110
Ion Ratio Lower Upper
45 100
77 32.4 0.0 33.2
79 30.4 0.0 30.0#

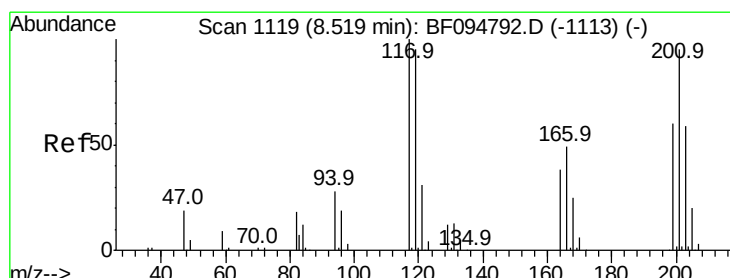
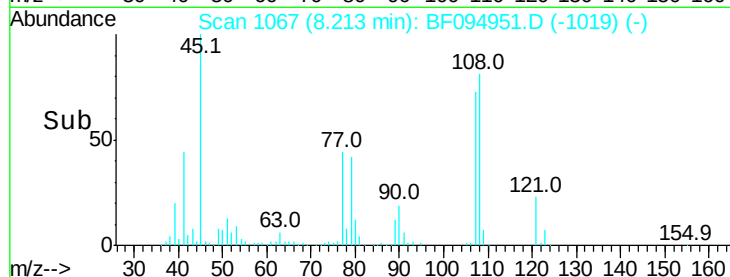
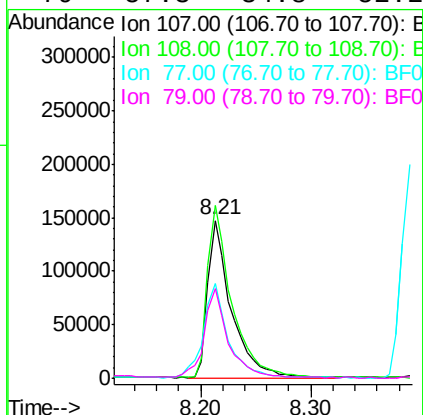
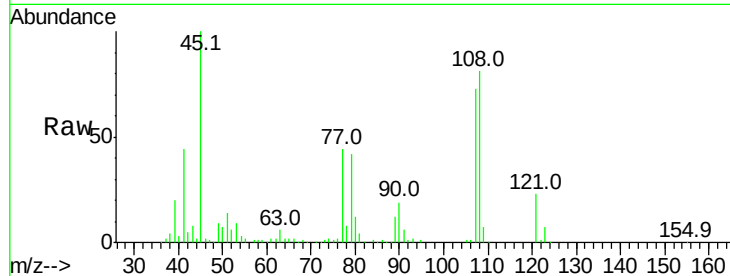




#17
2-Methylphenol
Concen: 39.80 ng
RT: 8.21 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

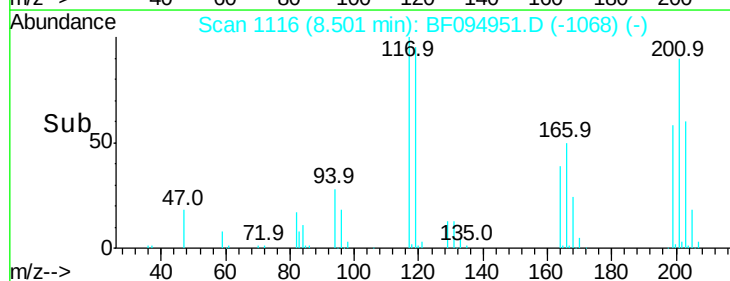
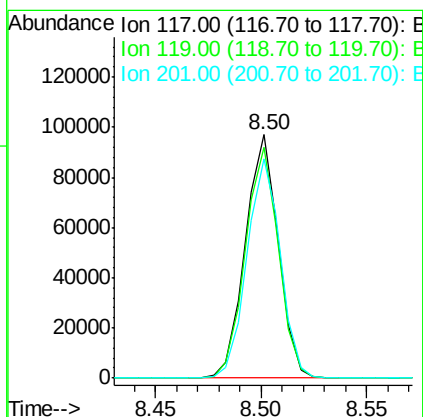
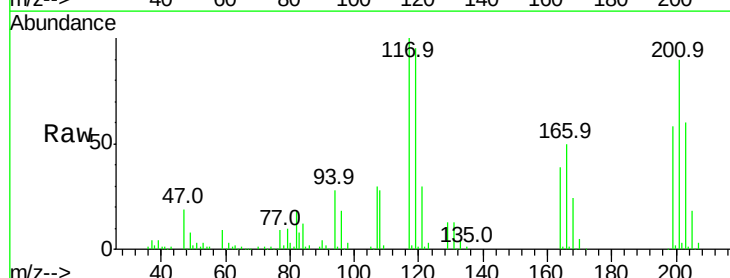
Instrument :
BNA_F
ClientSampleId :

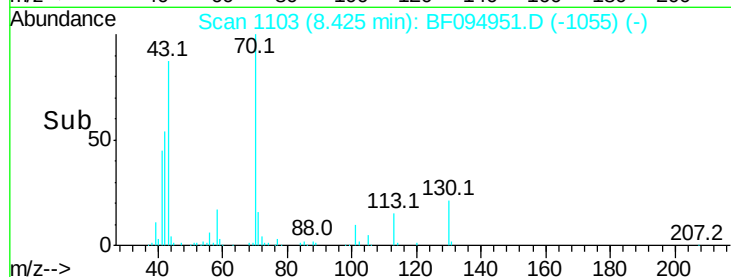
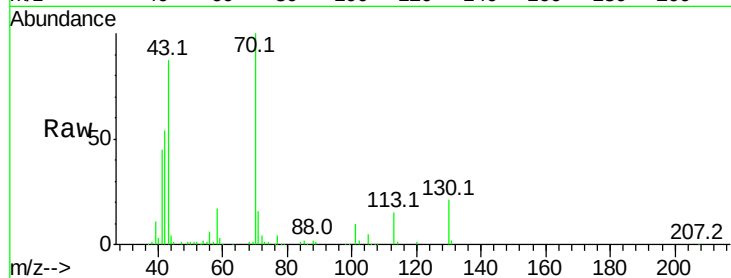
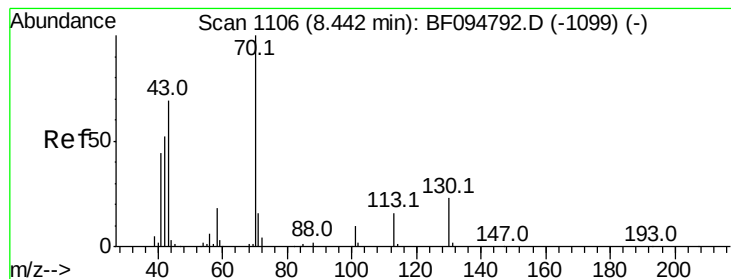
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	93.4	140.0
77	60.6	35.8	53.6#
79	57.3	34.8	52.2#



#18
Hexachloroethane
Concen: 40.83 ng
RT: 8.50 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.0
201	90.0	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 40.77 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 192057

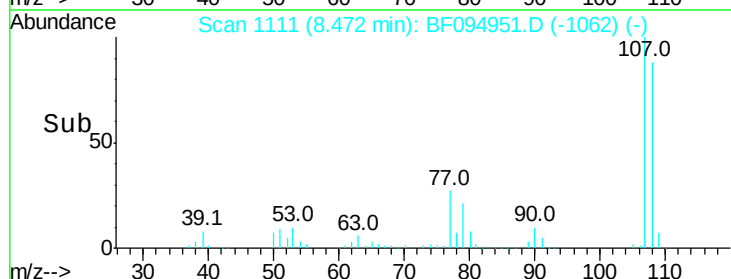
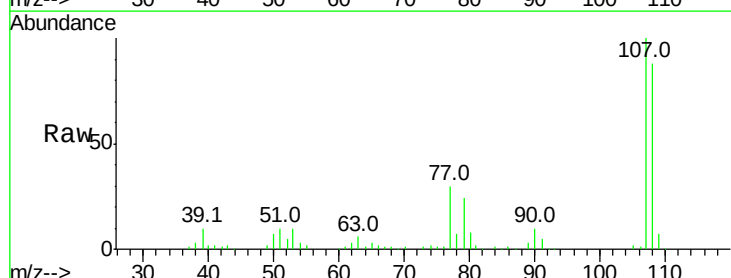
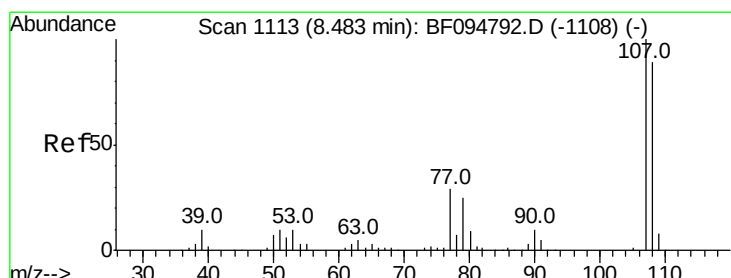
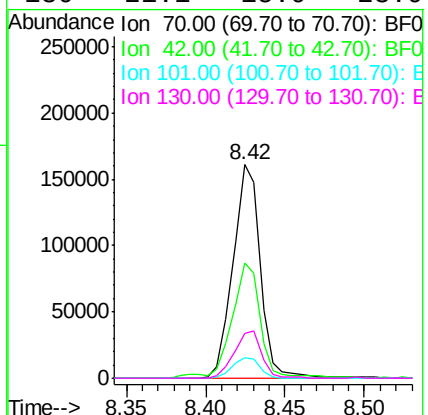
Ion Ratio Lower Upper

70 100

42 53.7 47.2 70.8

101 9.8 7.2 10.8

130 21.1 15.9 23.9



#20

3+4-Methylphenols

Concen: 41.12 ng

RT: 8.47 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Tgt Ion: 107 Resp: 302167

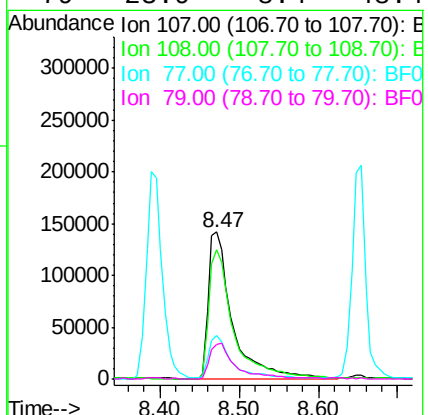
Ion Ratio Lower Upper

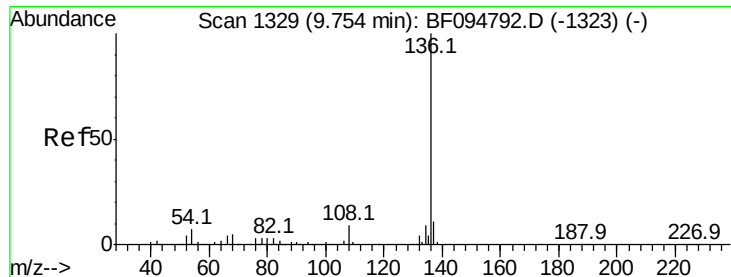
107 100

108 87.9 71.0 111.0

77 29.6 90.5 130.5#

79 23.9 8.4 48.4

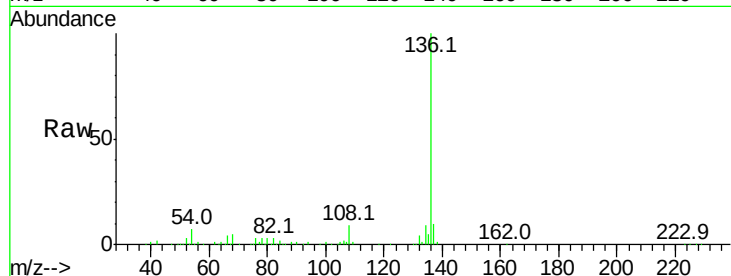




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	386792
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.5 12.7
54	6.7	4.9 7.3
68	5.2	4.1 6.1

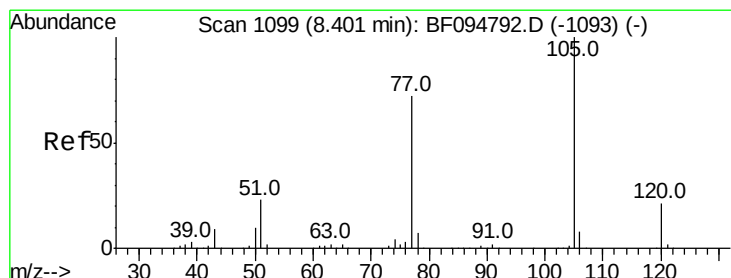
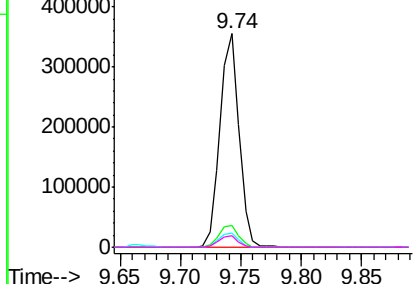
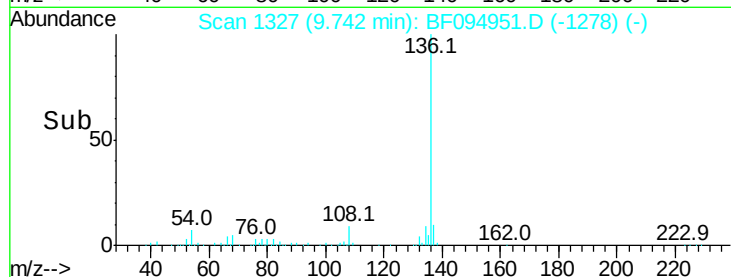


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

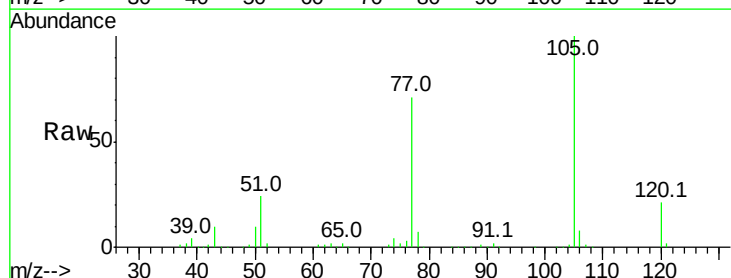
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 42.89 ng
RT: 8.39 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Tgt Ion:105	Resp:	397998
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	24.3	30.7 46.1#
120	20.9	17.4 26.0

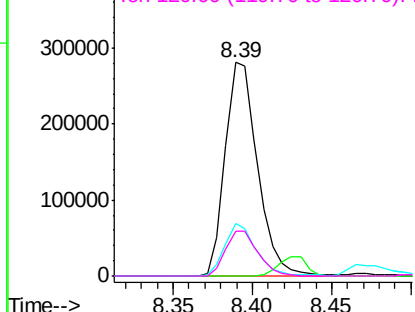
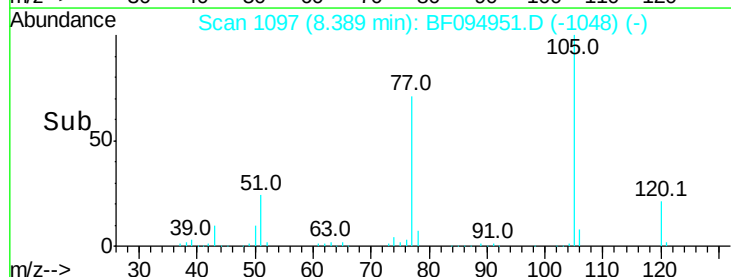


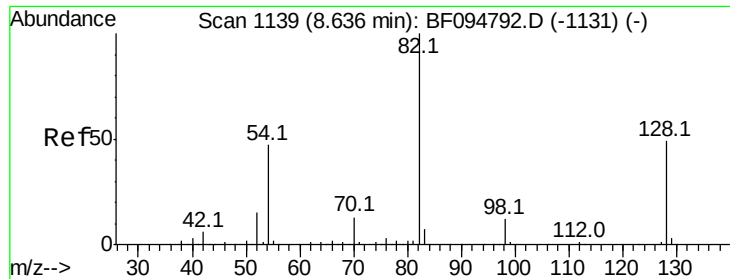
Abundance Ion 105.00 (104.70 to 105.70): E

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

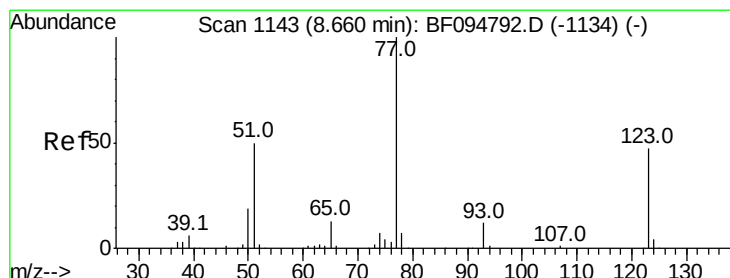
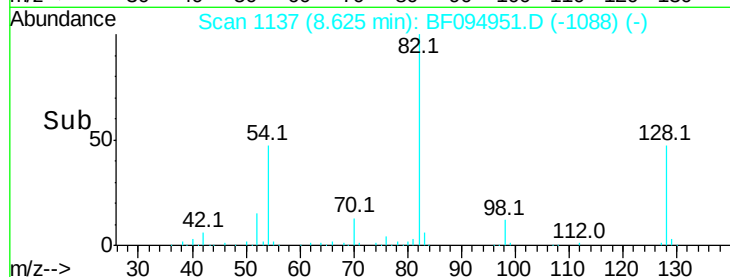
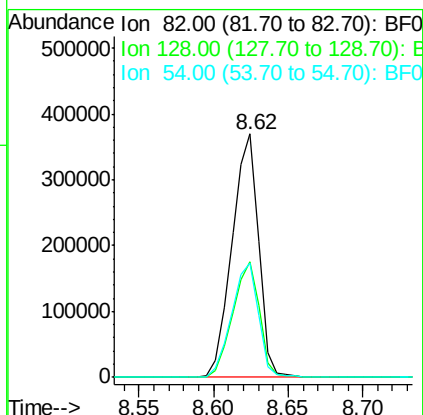
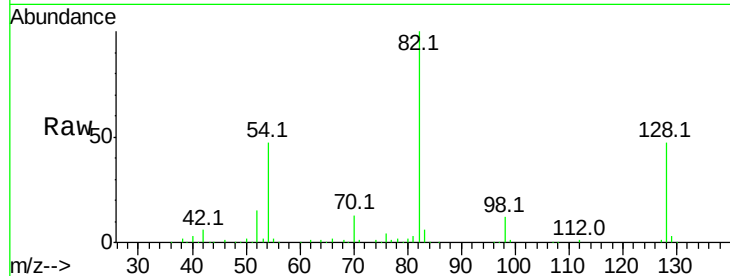




#23
 Nitrobenzene-d5
 Concen: 75.34 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

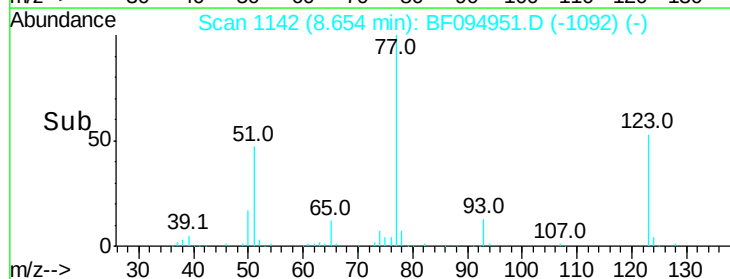
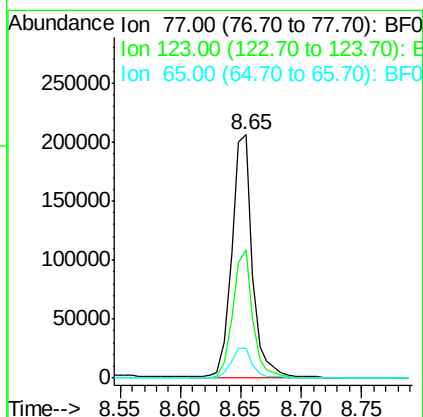
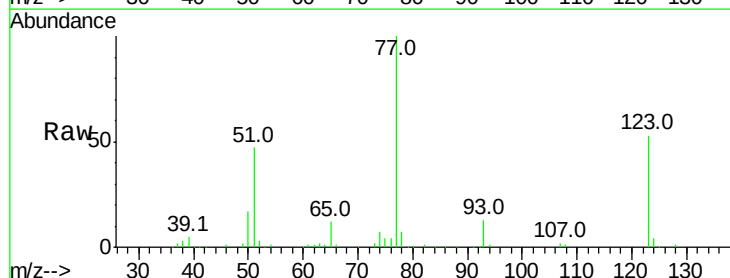
Instrument :
 BNA_F
 ClientSampleId :

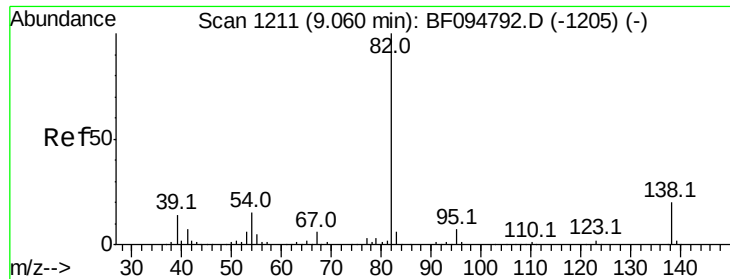
Tot Ion: 82 Resp: 462142
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 47.0 42.2 63.2



#24
 Nitrobenzene
 Concen: 37.97 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion: 77 Resp: 244134
 Ion Ratio Lower Upper
 77 100
 123 52.9 35.8 53.8
 65 12.5 10.6 15.8





#25

Isophorone

Concen: 42.52 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

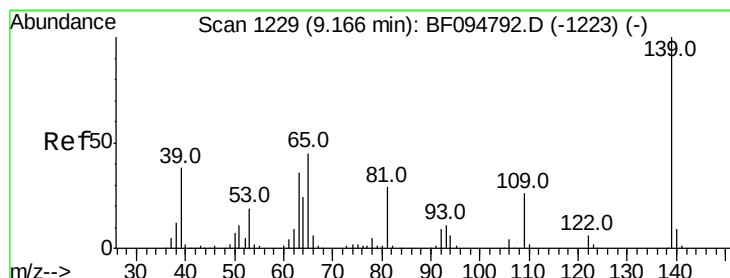
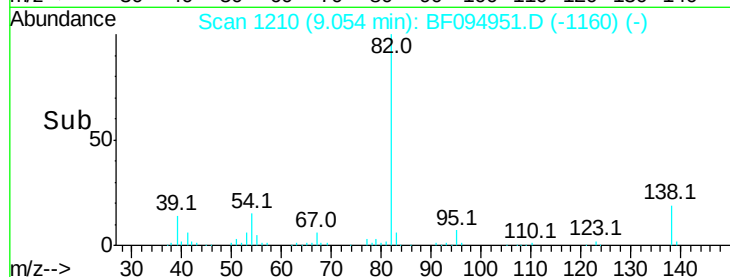
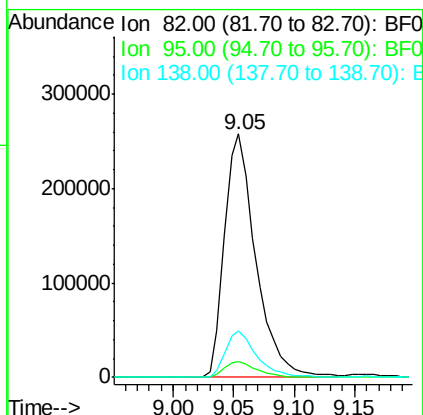
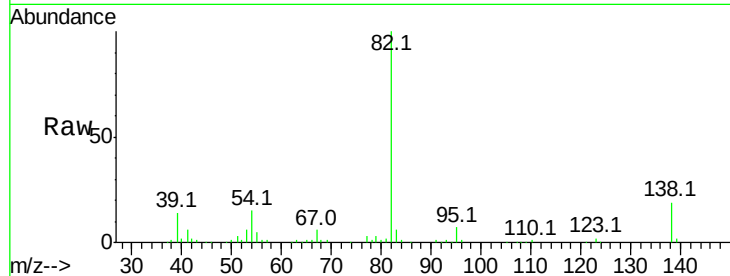
Tot Ion: 82 Resp: 465740

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 42.38 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

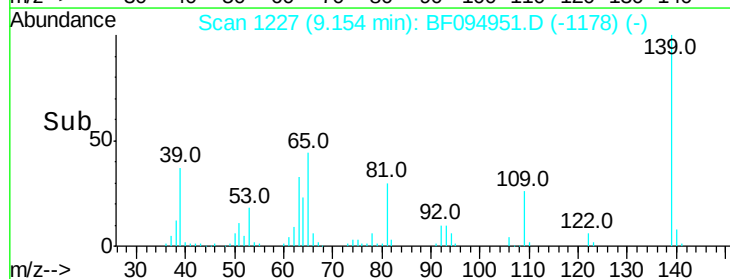
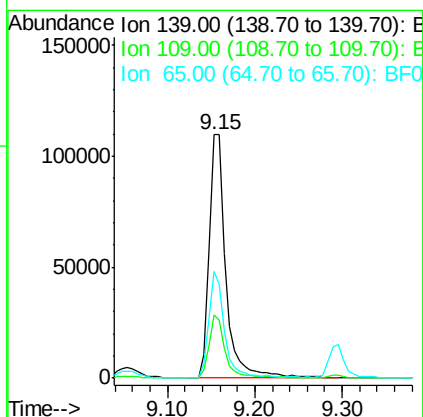
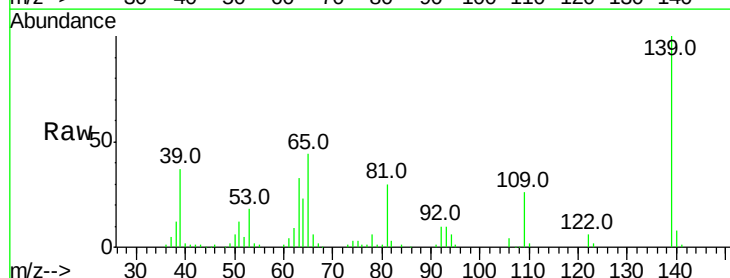
Tgt Ion: 139 Resp: 147022

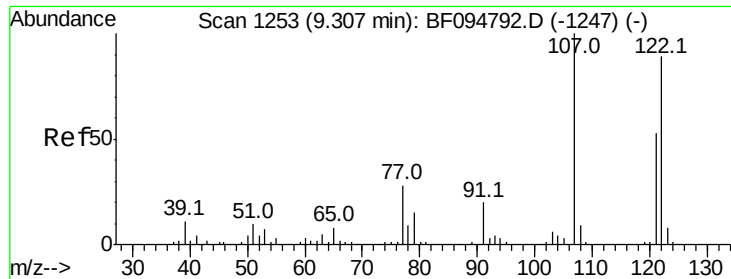
Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.6

65 44.0 33.0 49.6

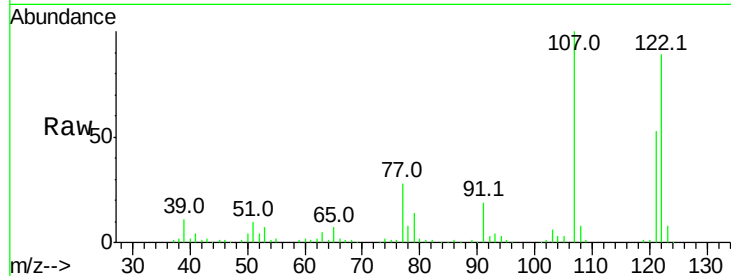




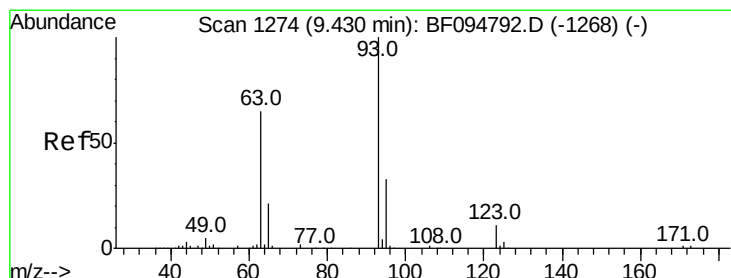
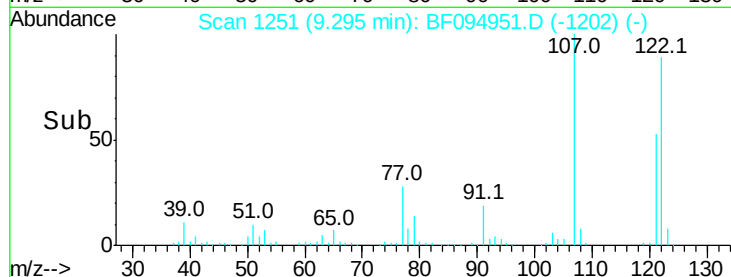
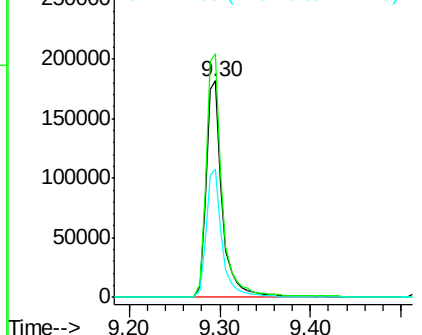
#27
 2,4-Dimethylphenol
 Concen: 41.11 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 230563
 Ion Ratio Lower Upper
 122 100
 107 112.6 89.2 133.8
 121 59.6 45.2 67.8

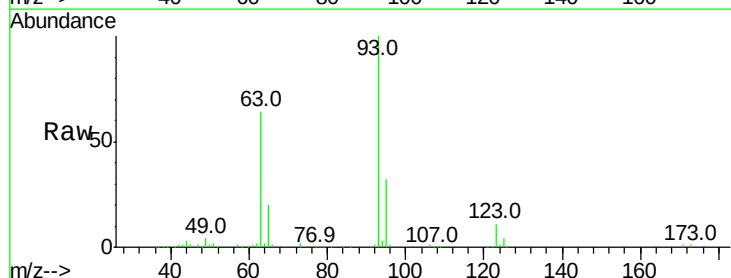


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

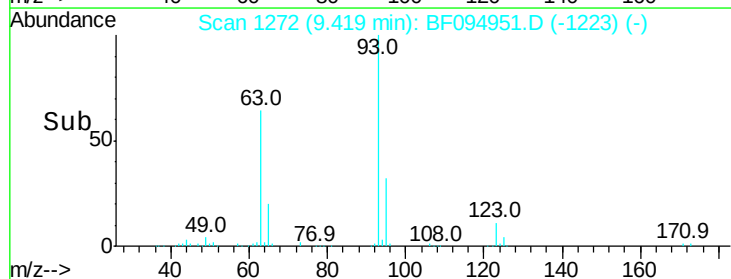
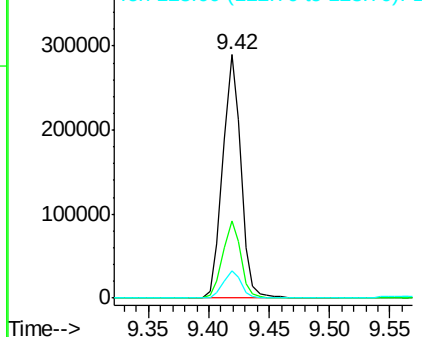


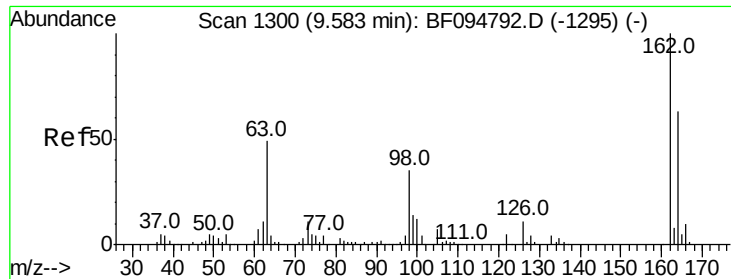
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.83 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion: 93 Resp: 301782
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 11.0 9.0 13.4



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

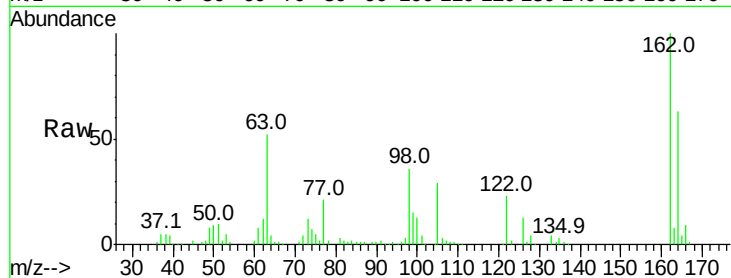




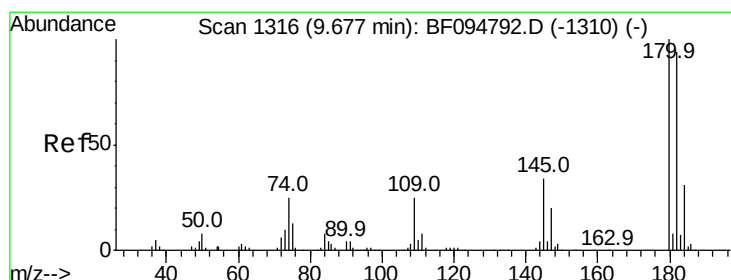
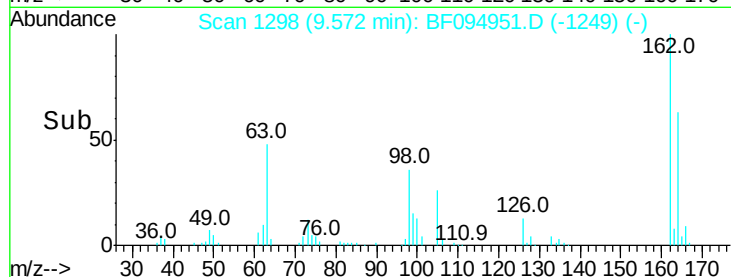
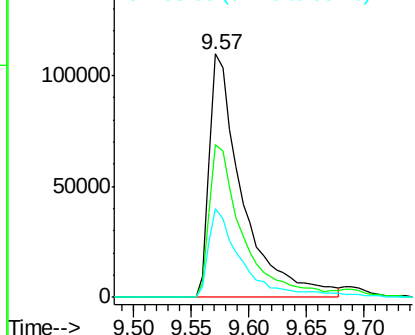
#29
 2,4-Dichlorophenol
 Concen: 41.33 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.6	84.6
98	36.3	14.8	54.8

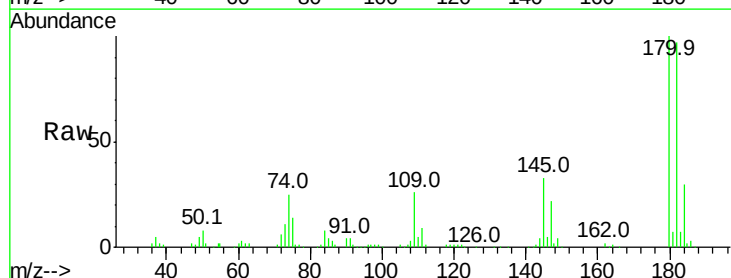


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

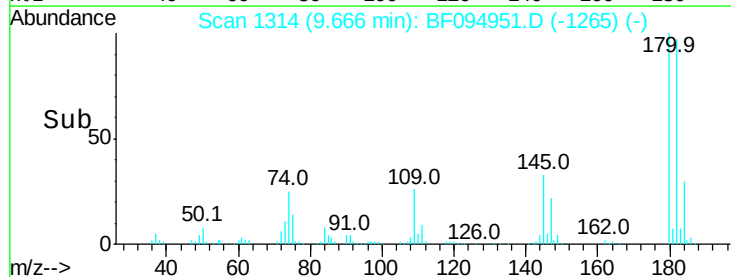
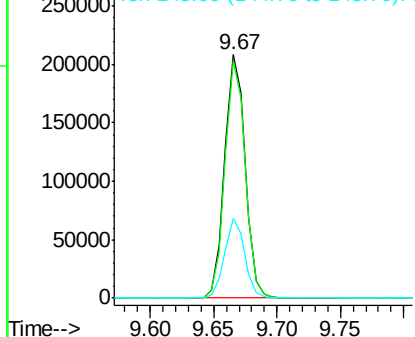


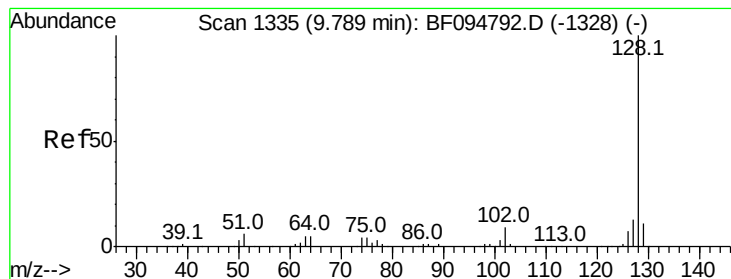
#30
 1,2,4-Trichlorobenzene
 Concen: 41.12 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.8	113.6
145	32.9	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: 39.75 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

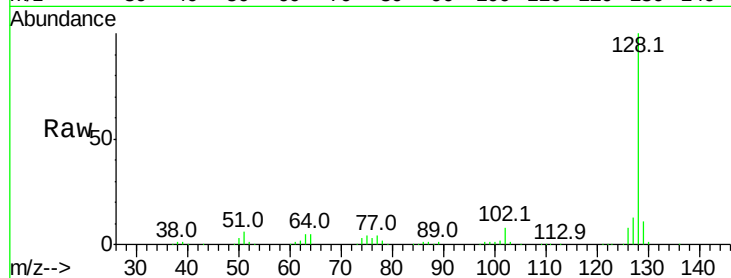
Tot Ion:128 Resp: 772811

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

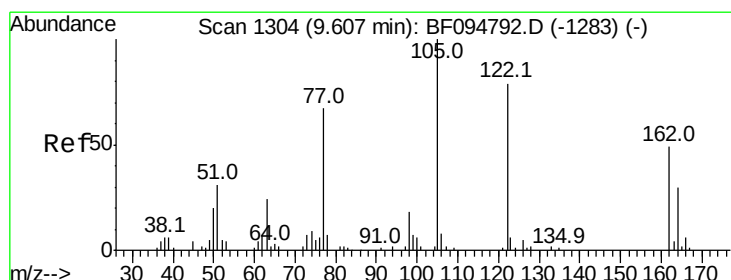
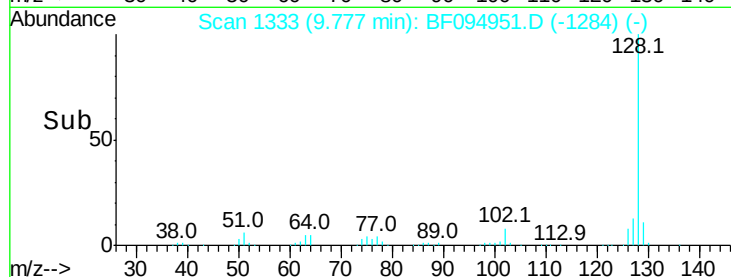
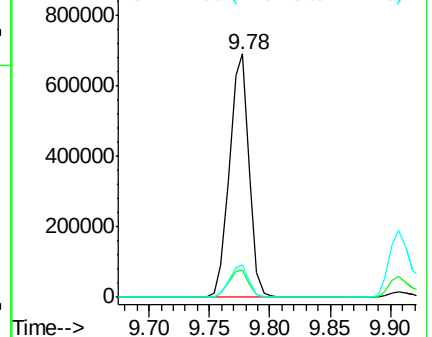
127 13.3 10.8 16.2



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: 37.14 ng

RT: 9.61 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

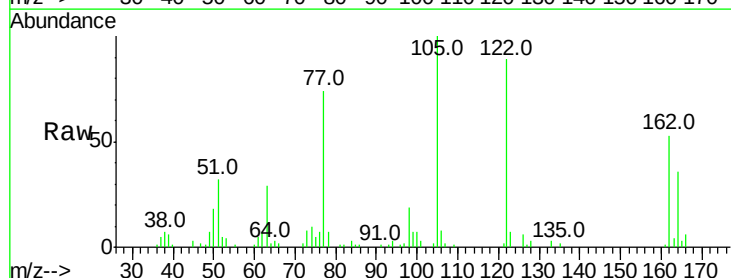
Tgt Ion:122 Resp: 132051

Ion Ratio Lower Upper

122 100

105 112.9 103.3 143.3

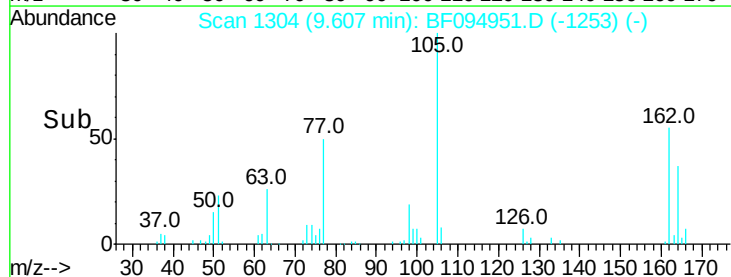
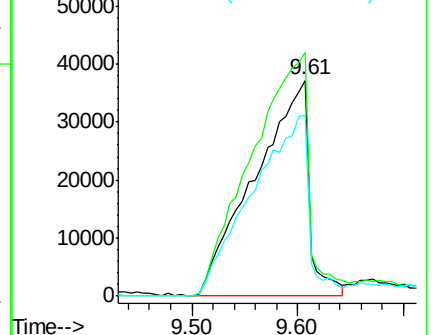
77 83.9 73.7 113.7

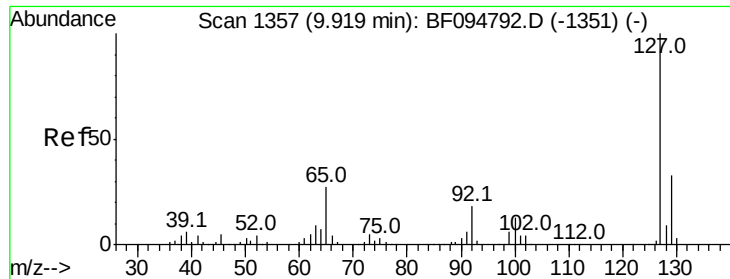


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

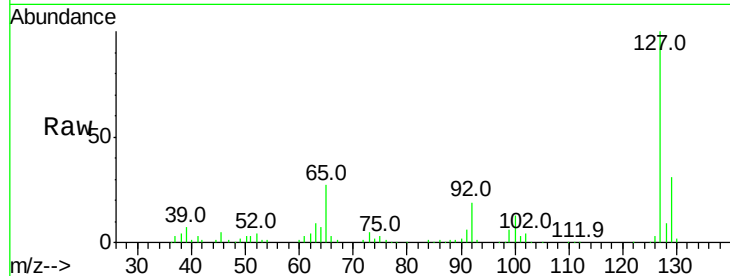




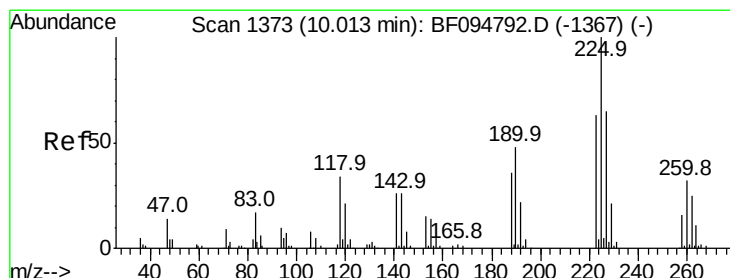
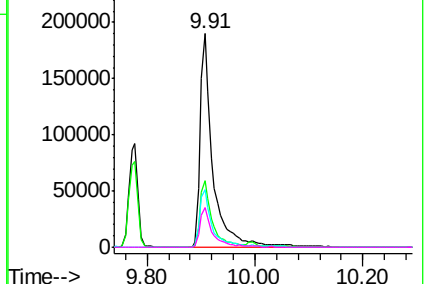
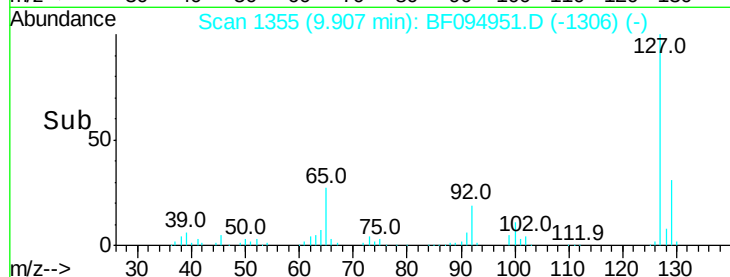
#33
4-Chloroaniline
Concen: 43.09 ng
RT: 9.91 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	312165
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	27.0	27.8	41.8#
92	18.7	16.8	25.2

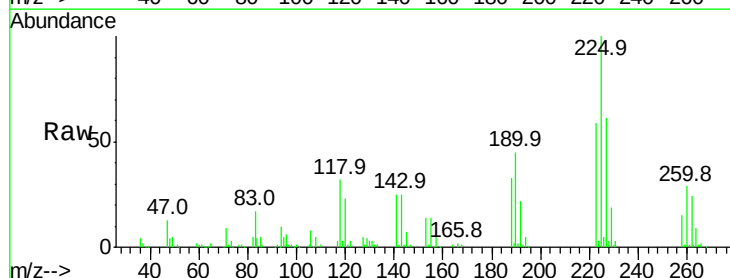


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

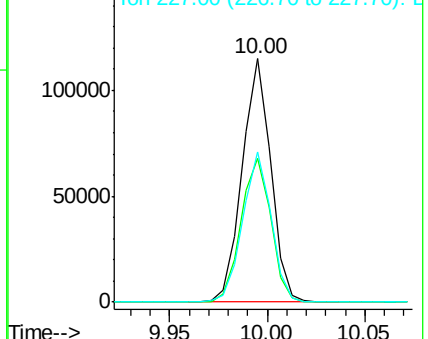
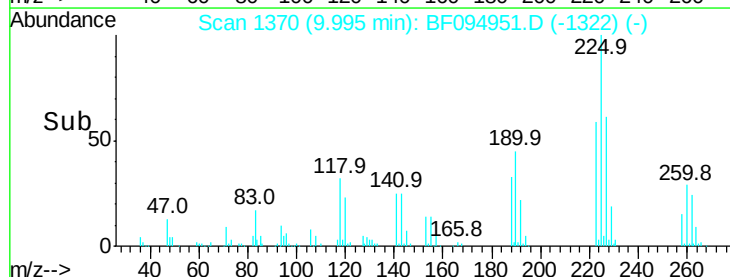


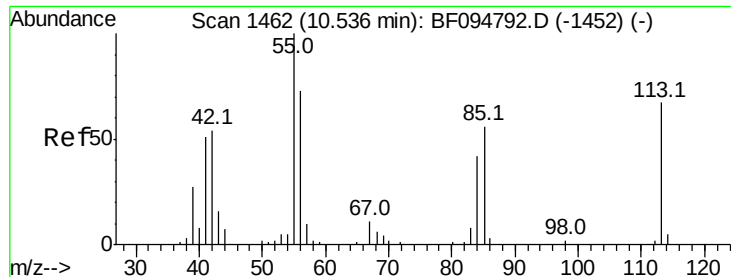
#34
Hexachlorobutadiene
Concen: 39.07 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Tgt Ion:	225	Resp:	116965
Ion	Ratio	Lower	Upper
225	100		
223	59.2	48.8	73.2
227	61.5	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.37 ng

RT: 10.52 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampled :

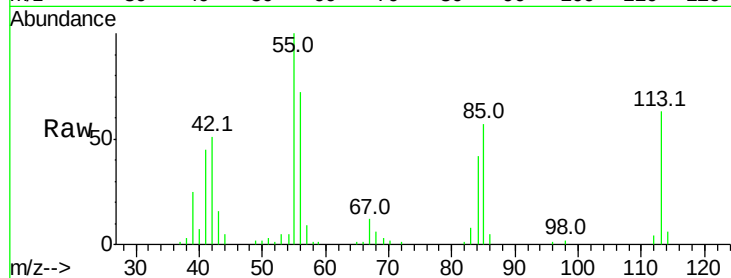
Tot Ion:113 Resp: 54653

Ion Ratio Lower Upper

113 100

55 158.8 150.2 190.2

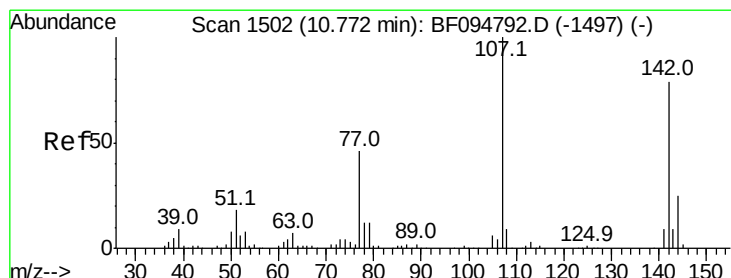
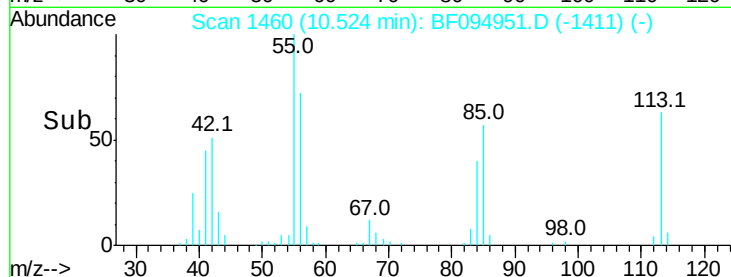
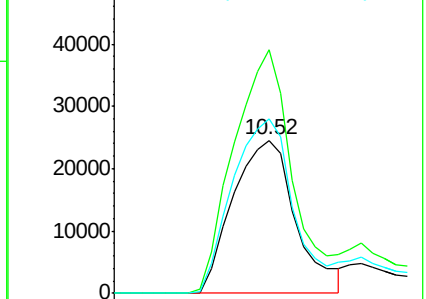
56 113.7 107.8 147.8



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: 40.28 ng

RT: 10.76 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

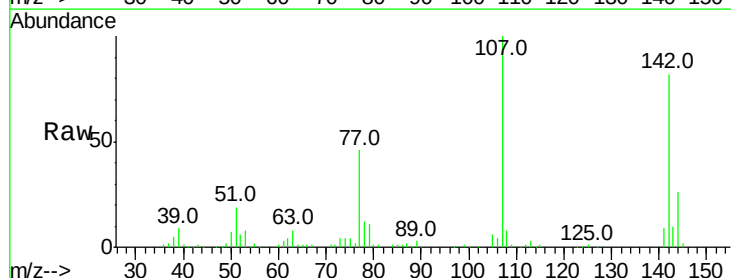
Tgt Ion:107 Resp: 228059

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

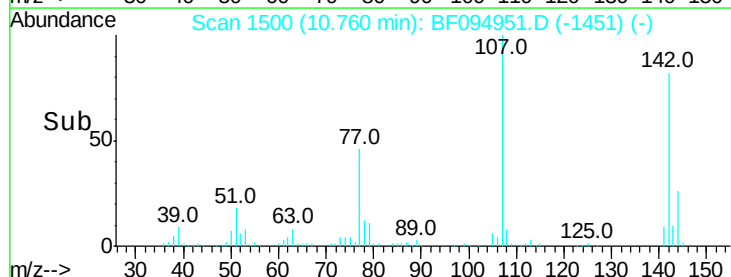
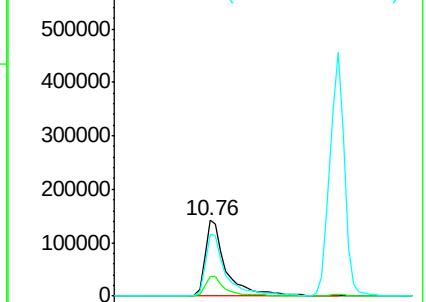
142 82.2 73.4 110.0

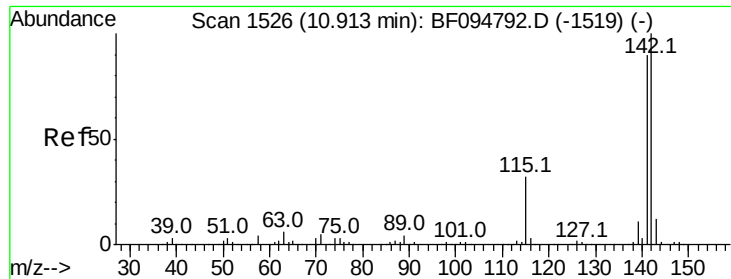


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

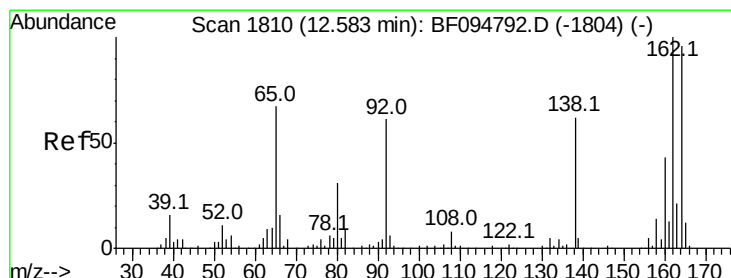
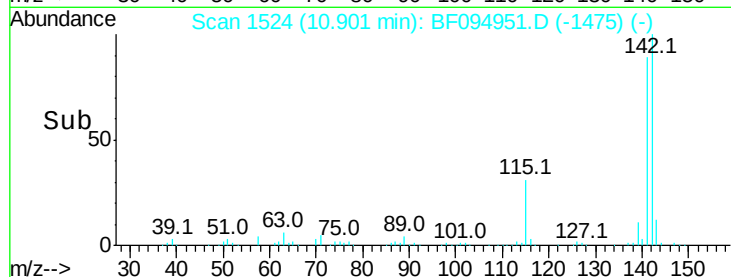
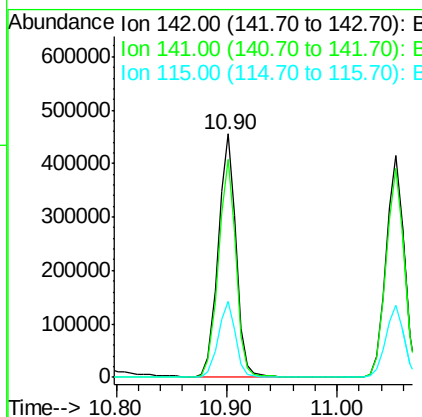
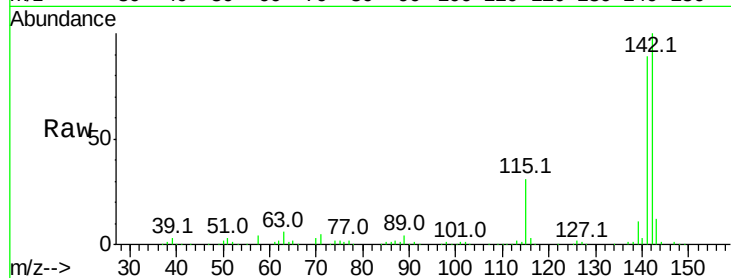




#37
 2-Methylnaphthalene
 Concen: 40.13 ng
 RT: 10.90 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

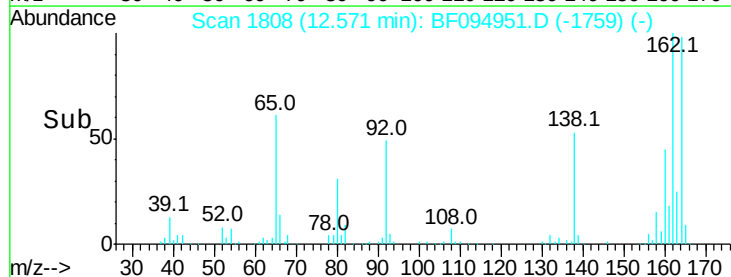
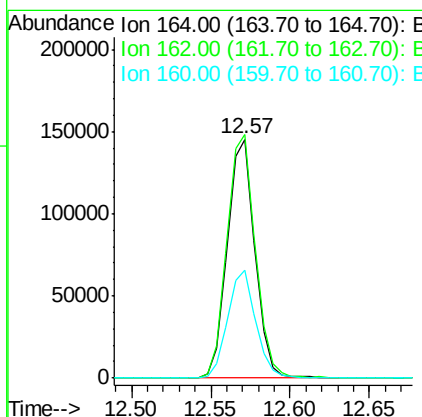
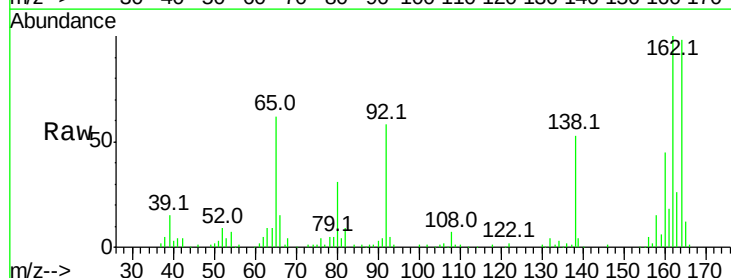
Instrument :
 BNA_F
 ClientSampleId :

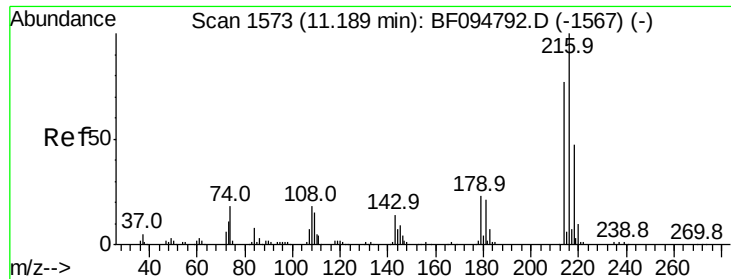
Tot Ion:142 Resp: 511958
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.3 106.9
 115 31.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion:164 Resp: 174680
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 45.4 36.2 54.2

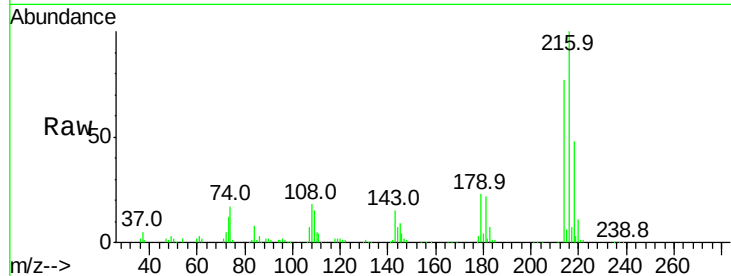




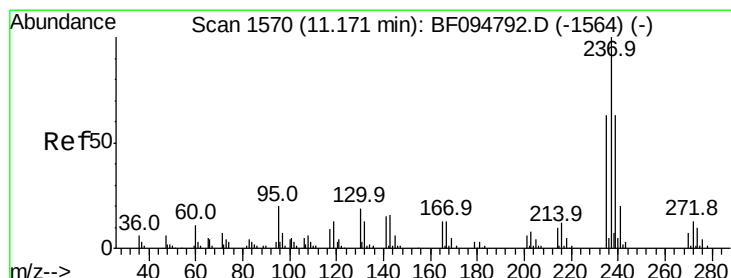
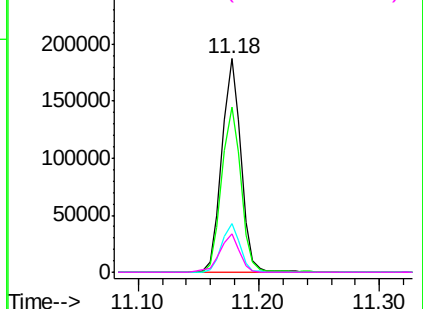
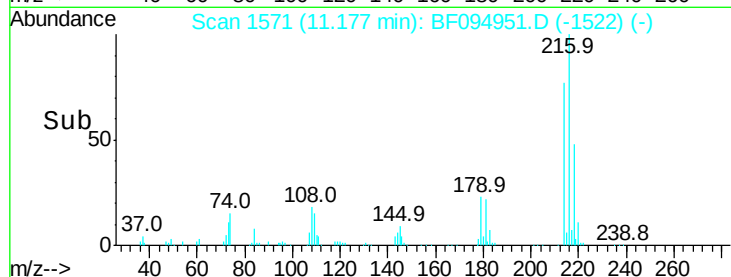
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.96 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	203921
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	21.9	17.9	26.9
108	18.8	16.5	24.7

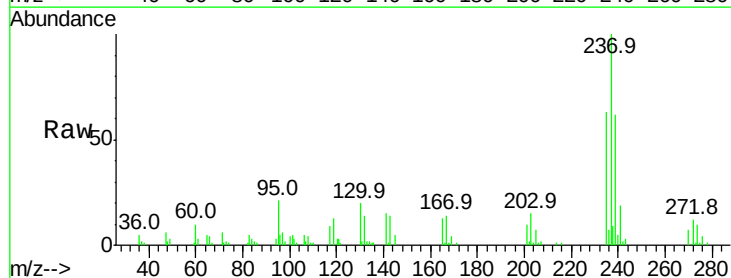


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

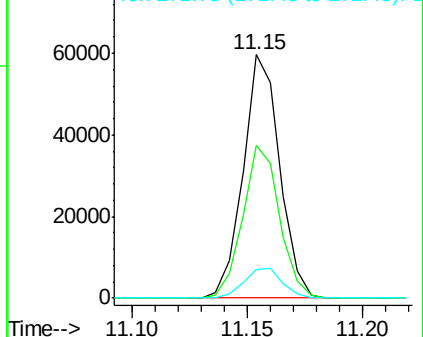
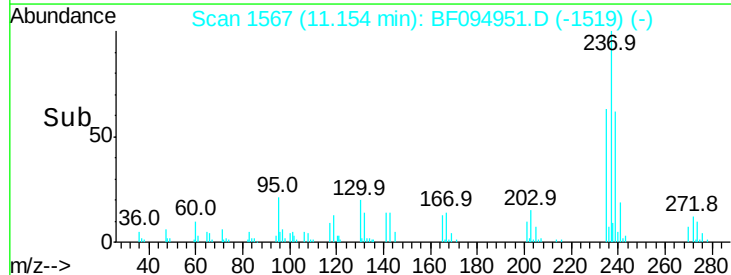


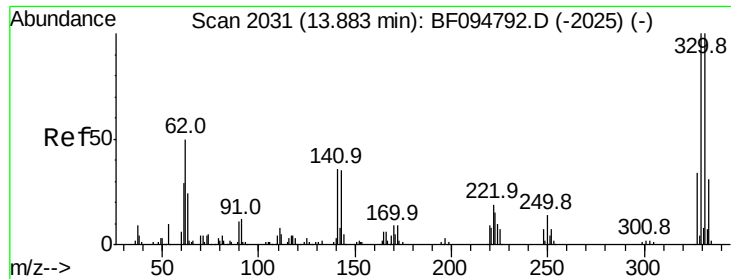
#40
 Hexachlorocyclopentadiene
 Concen: 33.02 ng
 RT: 11.15 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion:	237	Resp:	65875
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.6	82.6
272	11.5	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: 82.16 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampled :

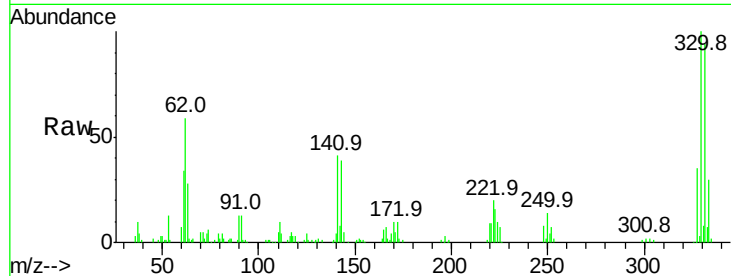
Tot Ion:330 Resp: 117538

Ion Ratio Lower Upper

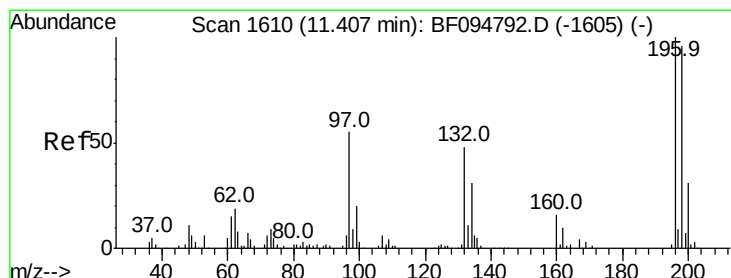
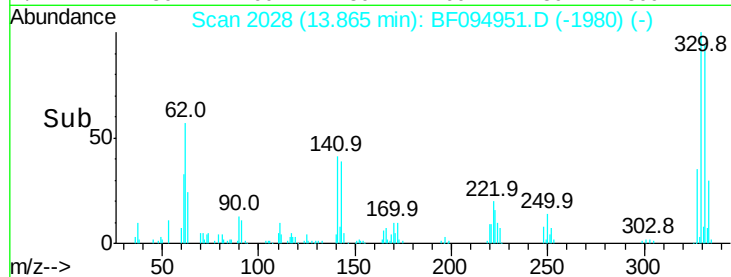
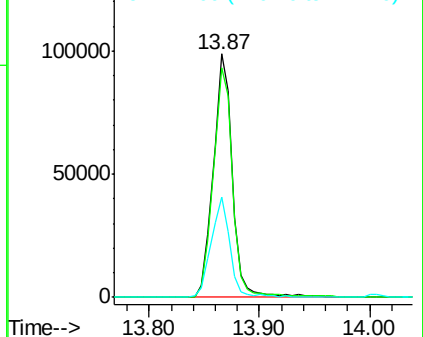
330 100

332 96.4 76.6 115.0

141 40.1 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: 40.01 ng

RT: 11.39 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

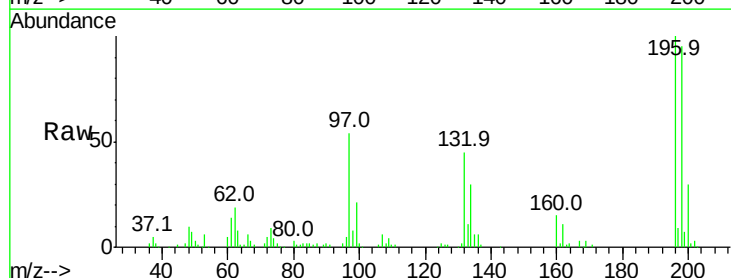
Tgt Ion:196 Resp: 143508

Ion Ratio Lower Upper

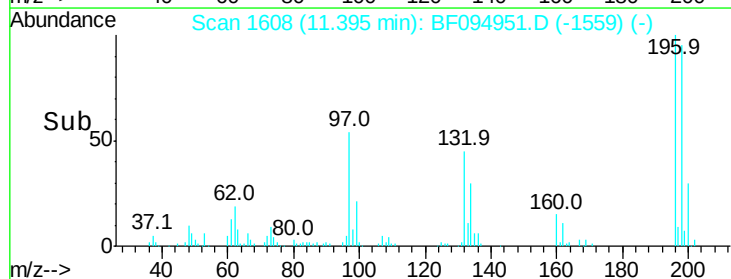
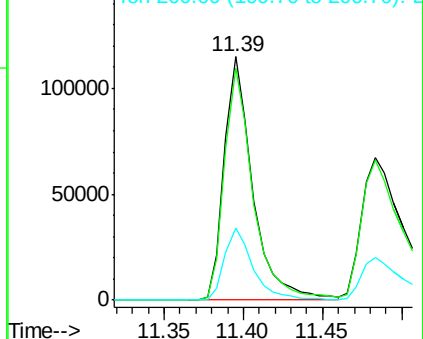
196 100

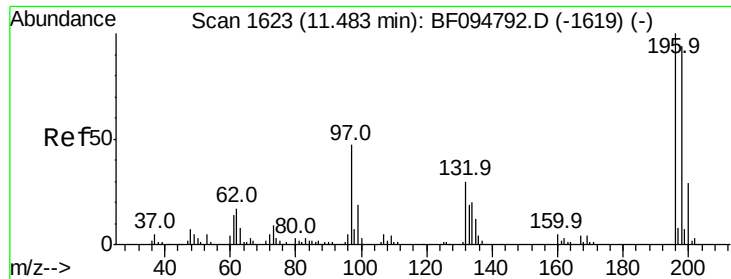
198 95.1 74.2 111.4

200 29.6 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

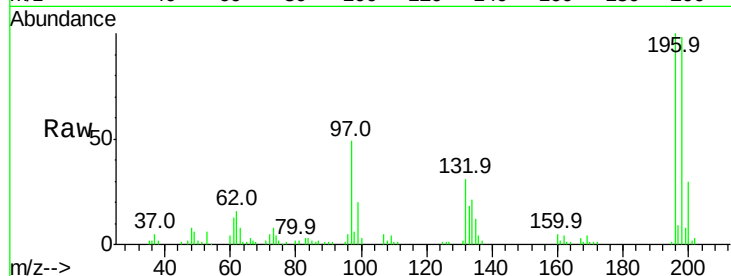




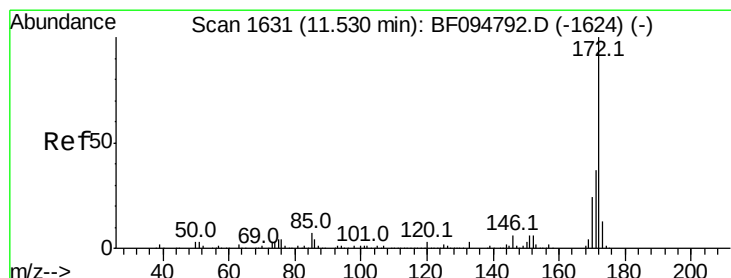
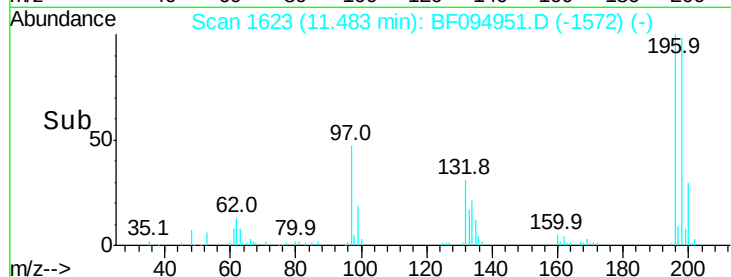
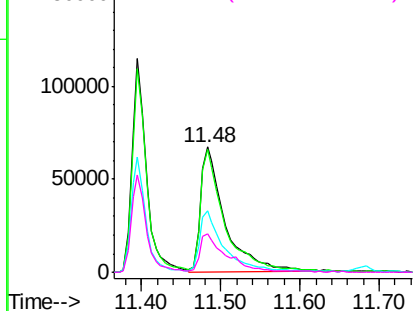
#43
 2,4,5-Trichlorophenol
 Concen: 37.50 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 144553
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.7 113.5
 97 49.4 47.7 71.5
 132 31.1 28.0 42.0

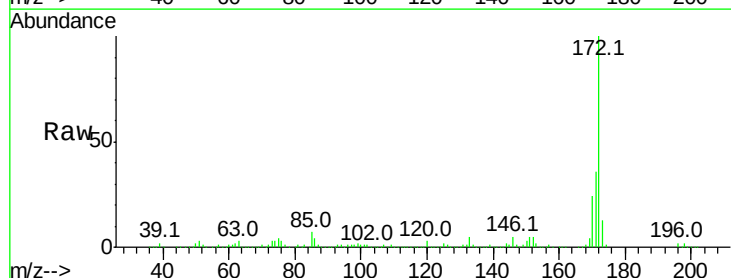


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

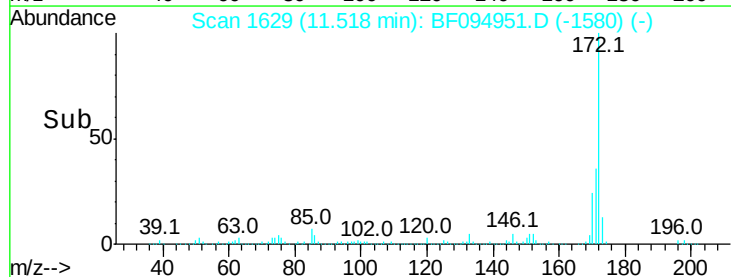
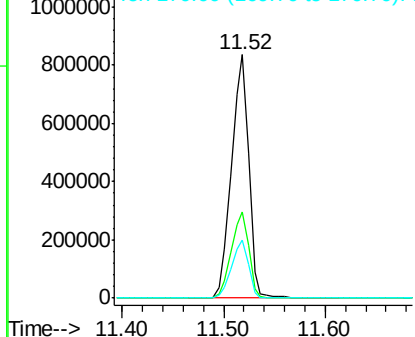


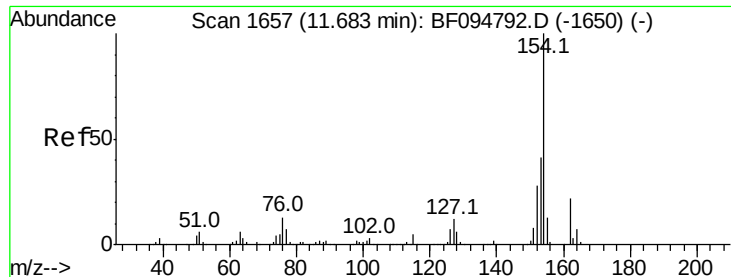
#44
 2-Fluorobiphenyl
 Concen: 81.67 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion:172 Resp: 991214
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.8 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 42.09 ng

RT: 11.67 min Scan# 1654

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

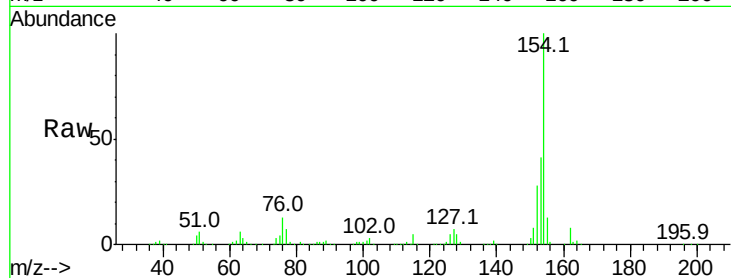
Tot Ion:154 Resp: 619011

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

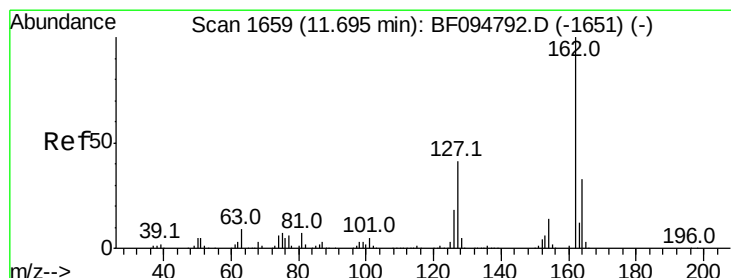
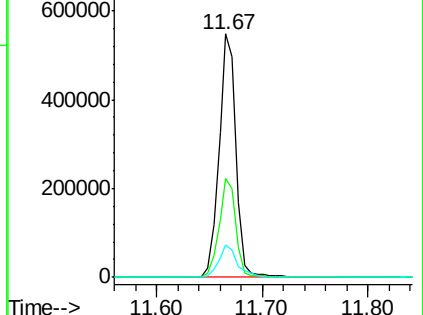
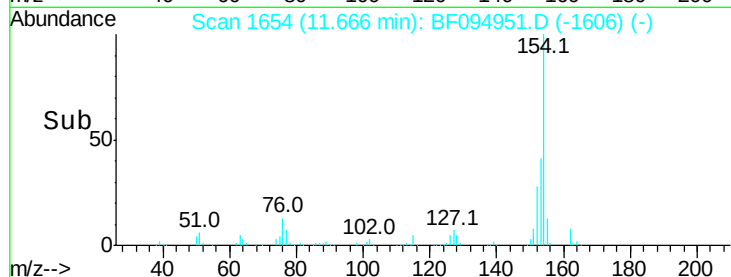
76 13.1 0.0 29.9



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: 39.88 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

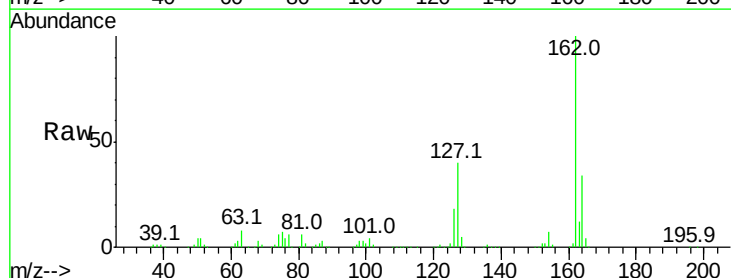
Tgt Ion:162 Resp: 473602

Ion Ratio Lower Upper

162 100

127 39.8 28.3 42.5

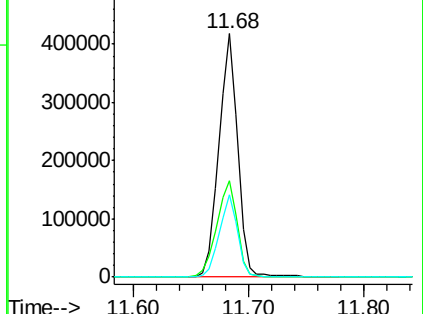
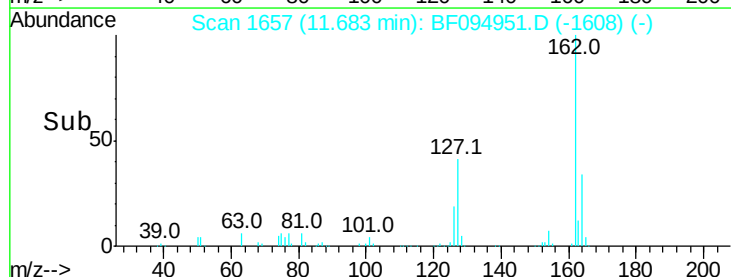
164 34.0 27.0 40.4

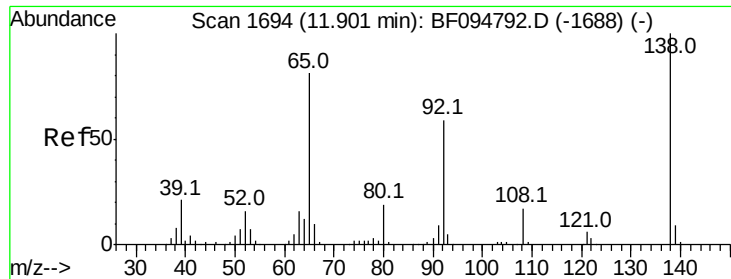


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

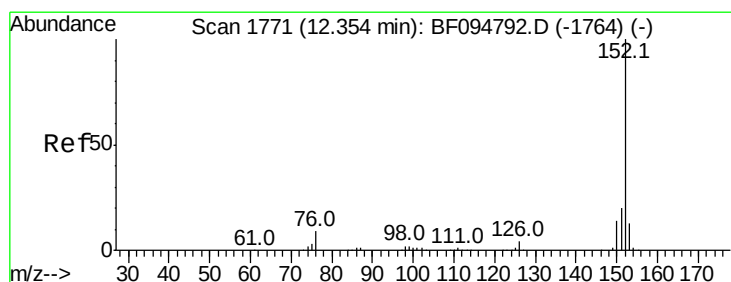
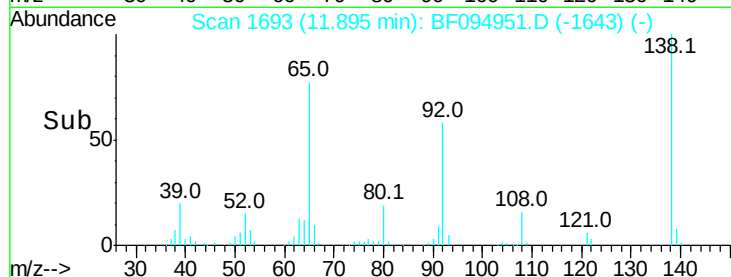
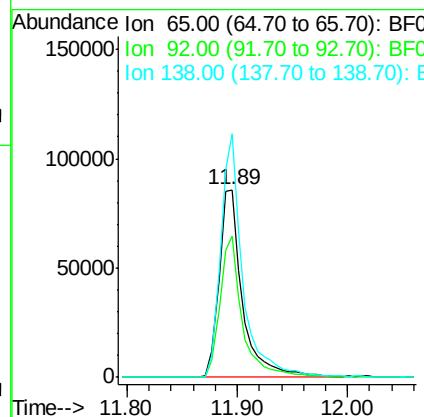
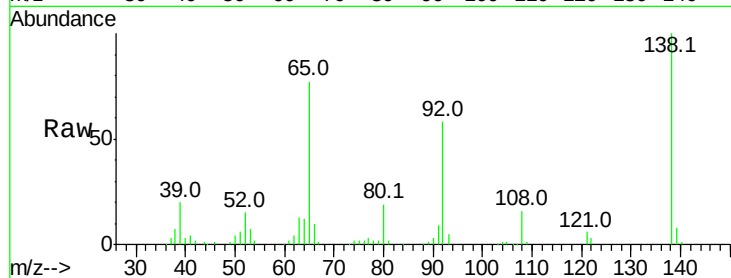




#47
 2-Nitroaniline
 Concen: 38.86 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

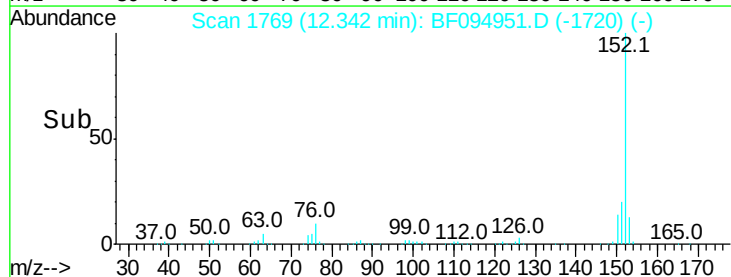
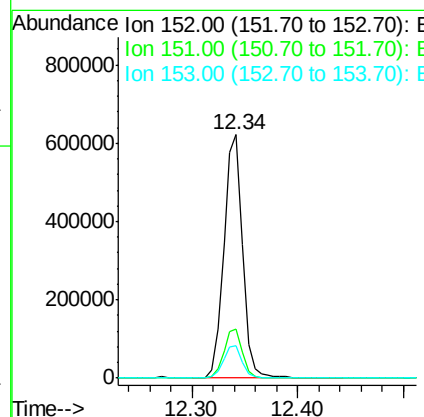
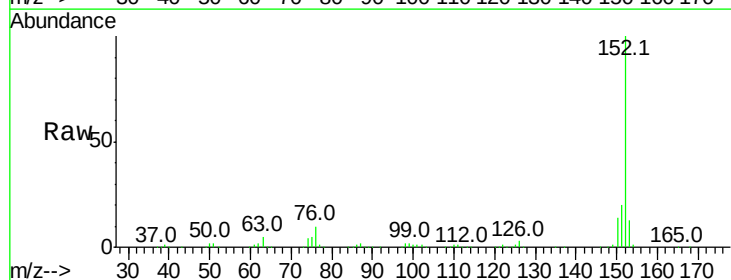
Instrument :
 BNA_F
 ClientSampleId :

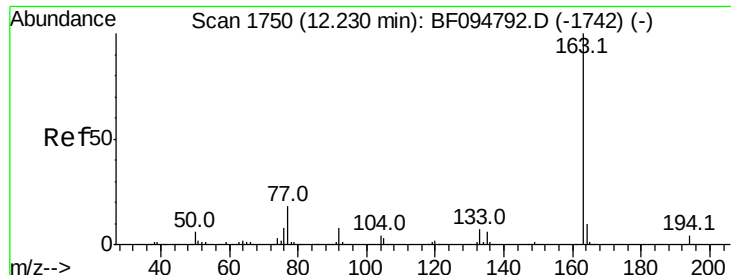
Tot Ion: 65 Resp: 126318
 Ion Ratio Lower Upper
 65 100
 92 75.4 53.9 80.9
 138 129.9 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.51 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion: 152 Resp: 772068
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 37.88 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

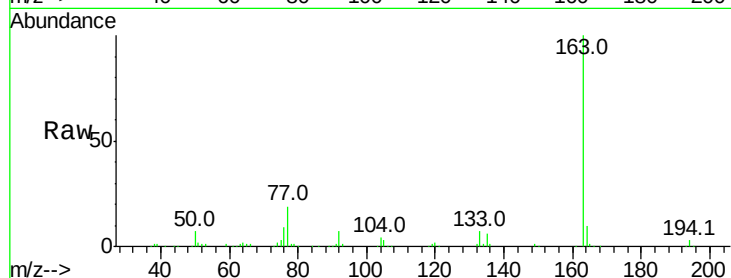
Tot Ion:163 Resp: 543175

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

164 9.7 8.4 12.6



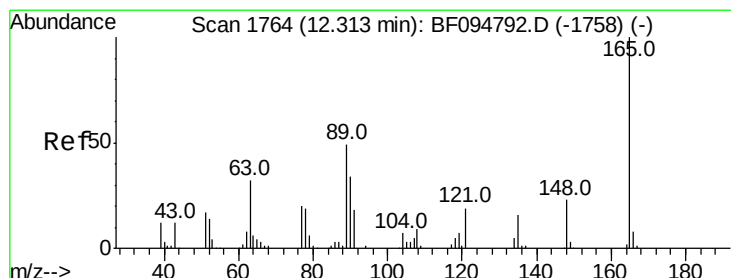
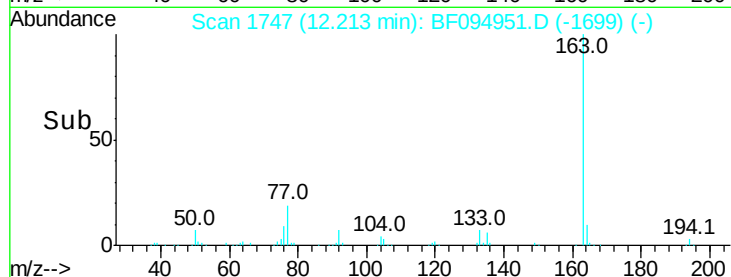
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

12.21

Time-->



#50

2,6-Dinitrotoluene

Concen: 41.95 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

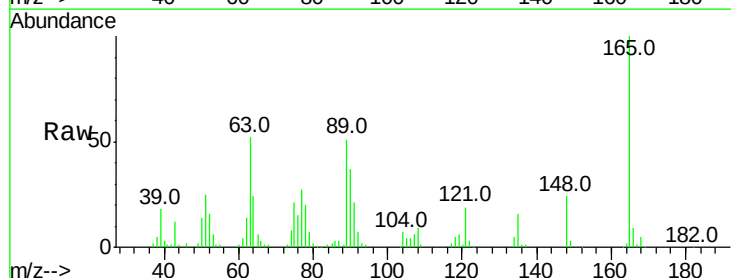
Tgt Ion:165 Resp: 122730

Ion Ratio Lower Upper

165 100

63 51.8 34.3 51.5#

89 50.9 37.1 55.7



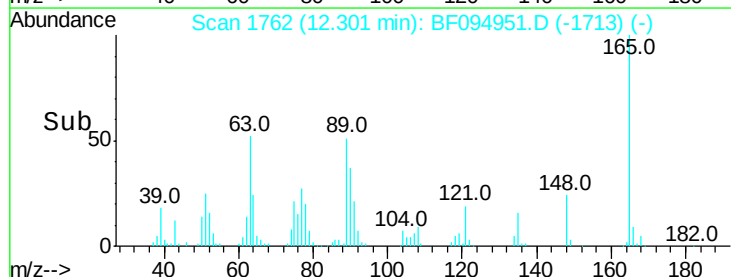
Abundance Ion 165.00 (164.70 to 165.70): E

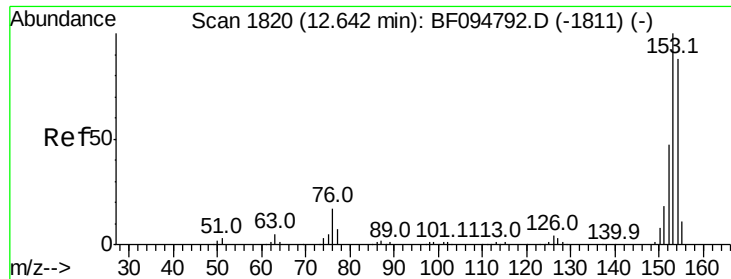
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

12.30

Time-->





#51

Acenaphthene

Concen: 40.92 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampled :

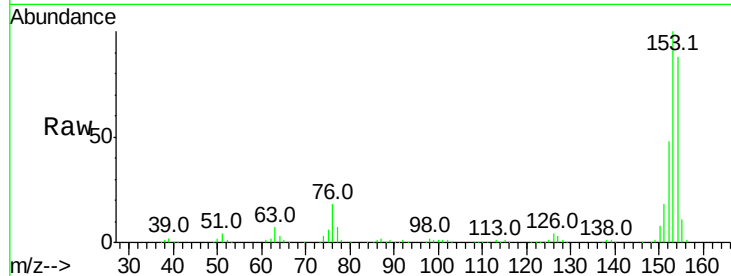
Tot Ion:154 Resp: 454661

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

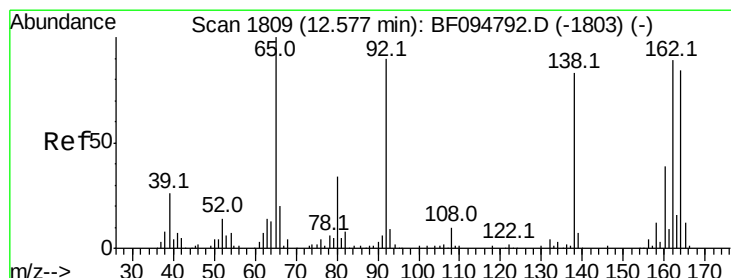
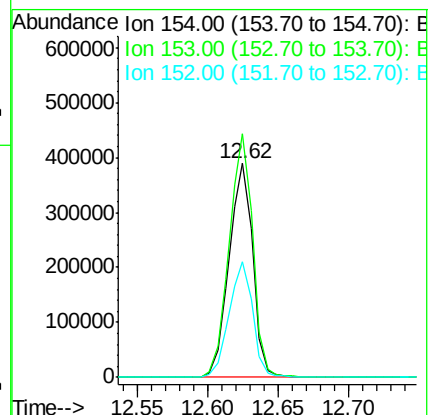
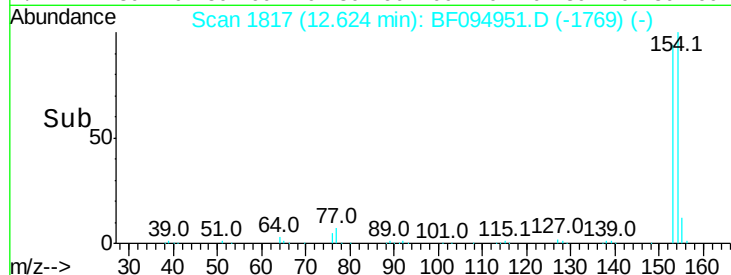
152 54.3 43.6 65.4



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: 39.28 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

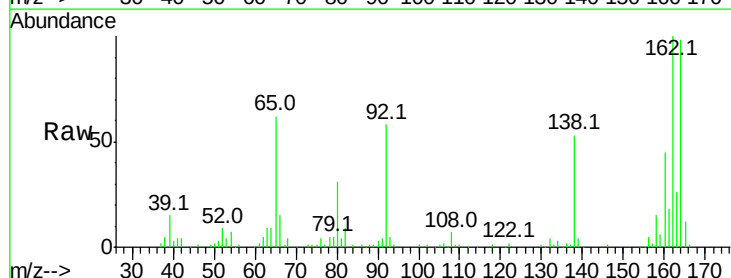
Tgt Ion:138 Resp: 123341

Ion Ratio Lower Upper

138 100

108 13.0 9.1 13.7

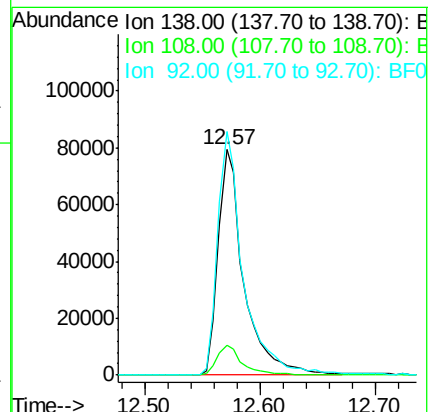
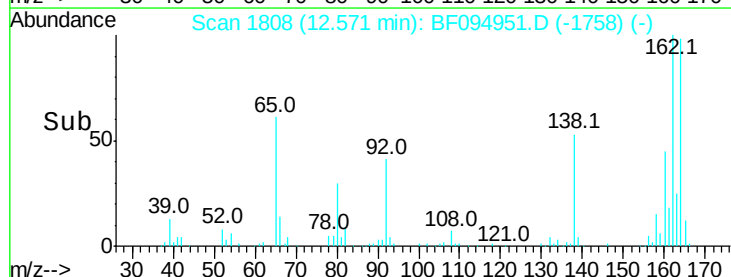
92 108.2 93.8 140.6

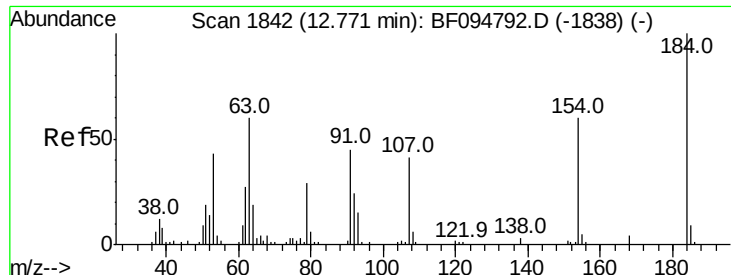


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

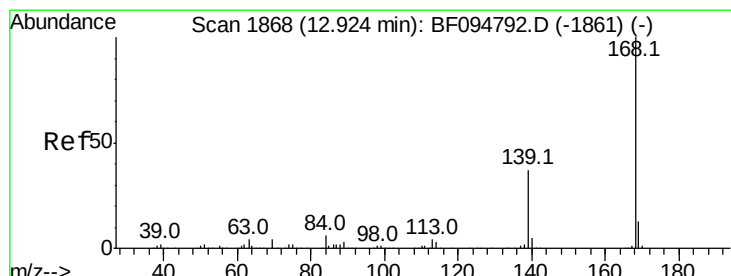
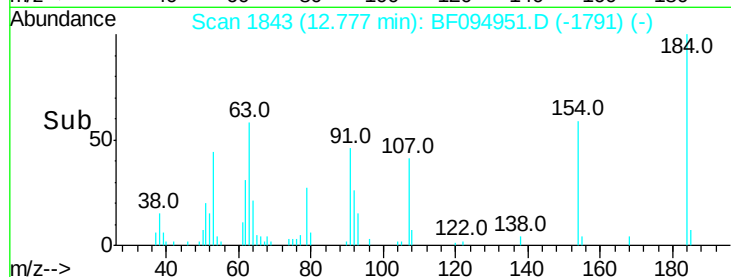
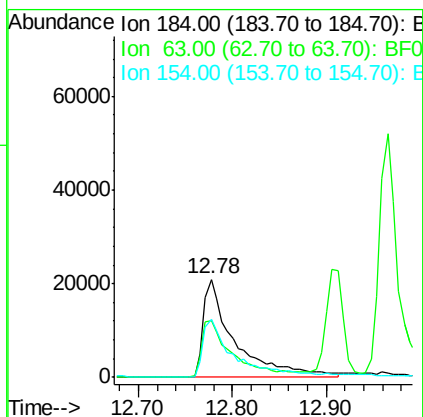
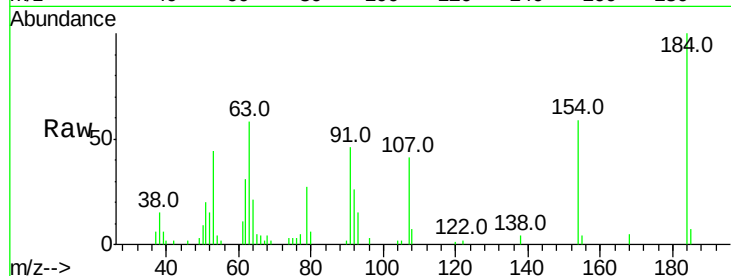




#53
 2,4-Dinitrophenol
 Concen: 34.17 ng
 RT: 12.78 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

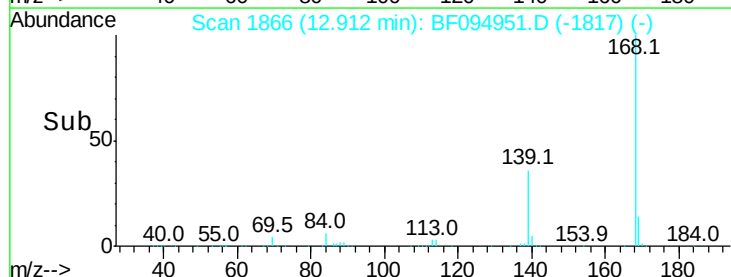
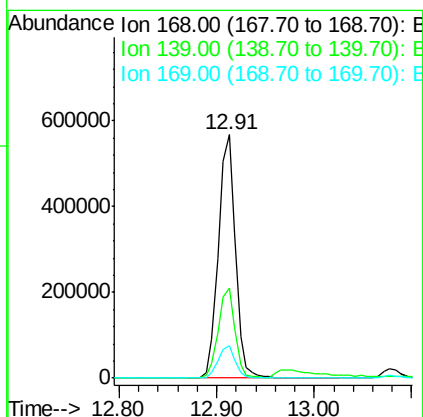
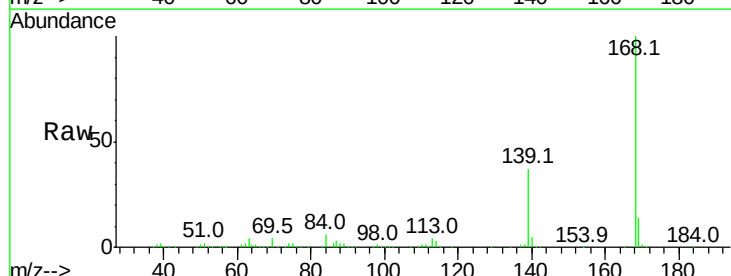
Instrument :
 BNA_F
 ClientSampleID :

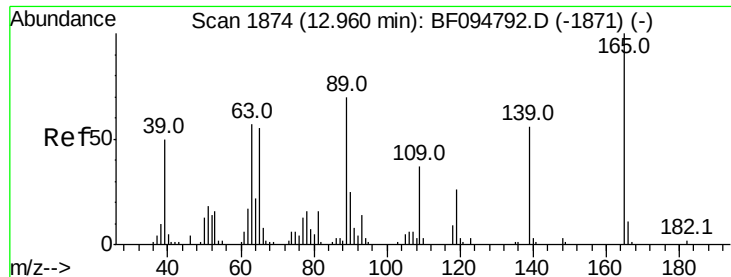
Tot Ion:184 Resp: 48803
 Ion Ratio Lower Upper
 184 100
 63 57.8 62.7 94.1#
 154 59.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.88 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion:168 Resp: 689939
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.6 10.8 16.2

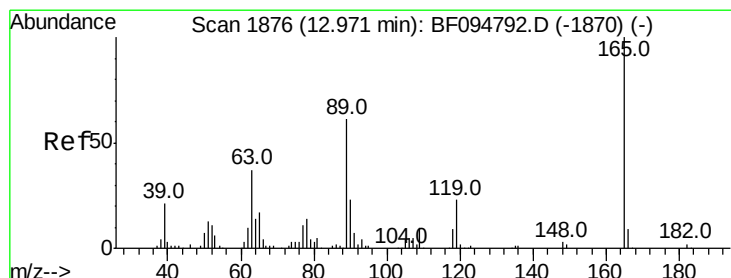
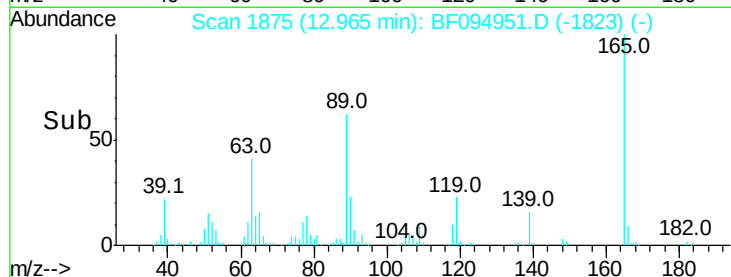
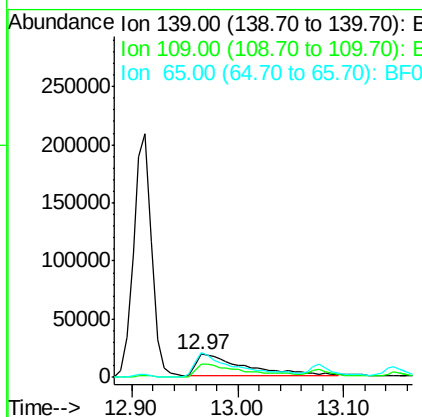
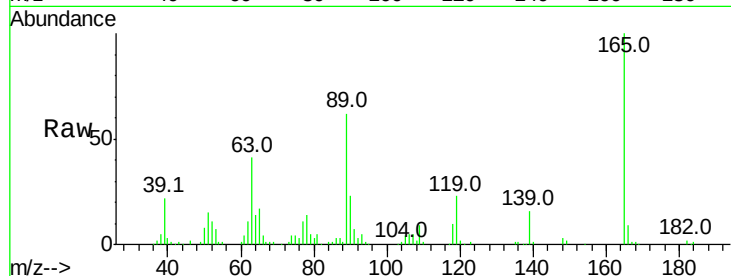




#55
4-Nitrophenol
Concen: 33.27 ng
RT: 12.97 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

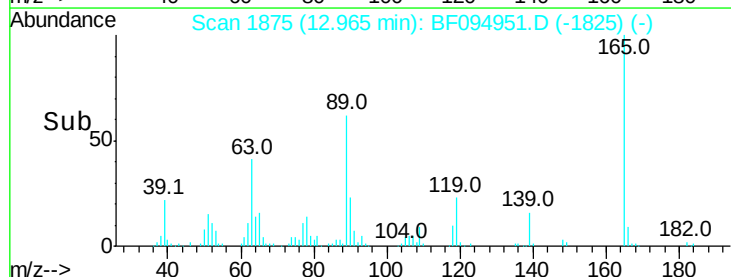
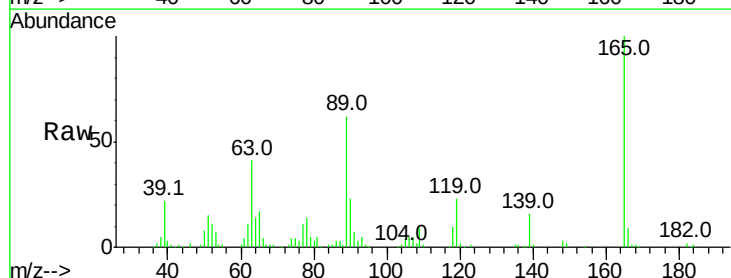
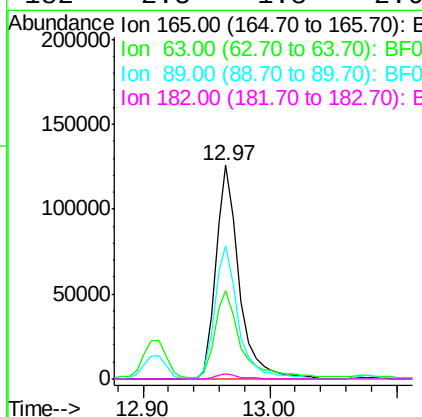
Instrument :
BNA_F
ClientSampled :

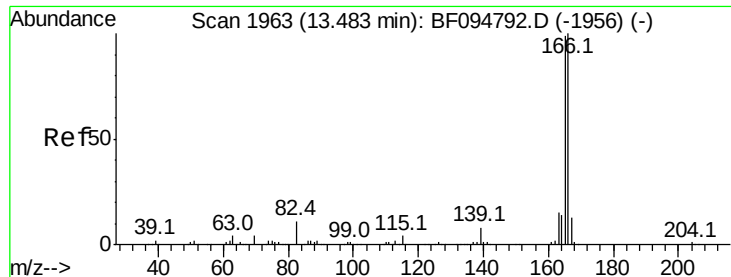
Tot Ion:139 Resp: 62754
Ion Ratio Lower Upper
139 100
109 58.0 34.1 74.1
65 106.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 43.20 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Tgt Ion:165 Resp: 162394
Ion Ratio Lower Upper
165 100
63 41.3 25.4 38.0#
89 62.1 46.4 69.6
182 2.3 1.8 2.6

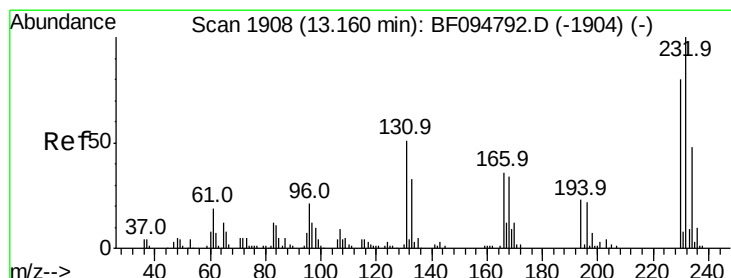
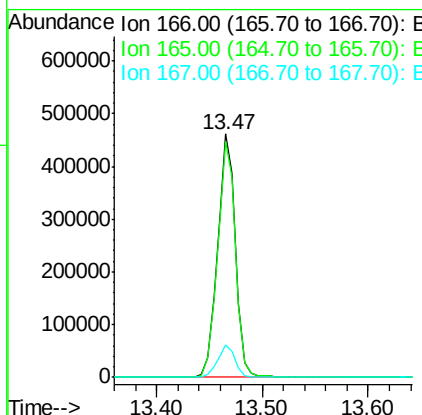
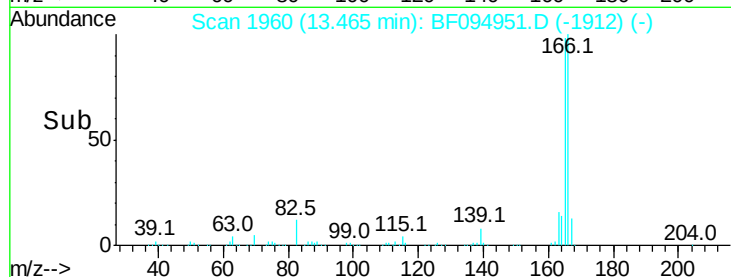
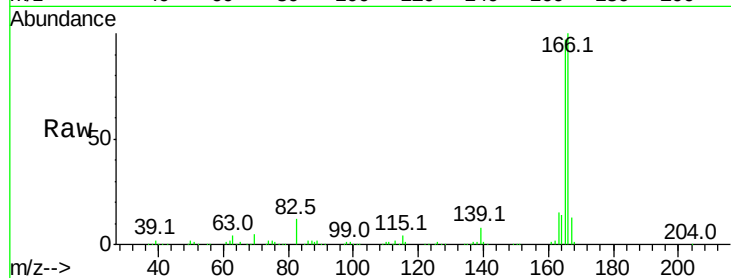




#57
Fluorene
Concen: 40.91 ng
RT: 13.47 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

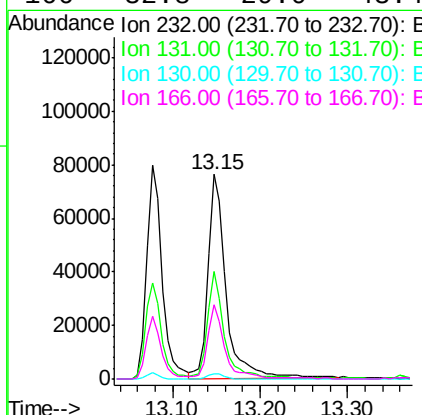
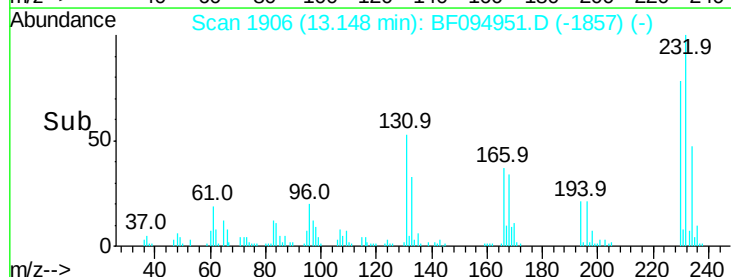
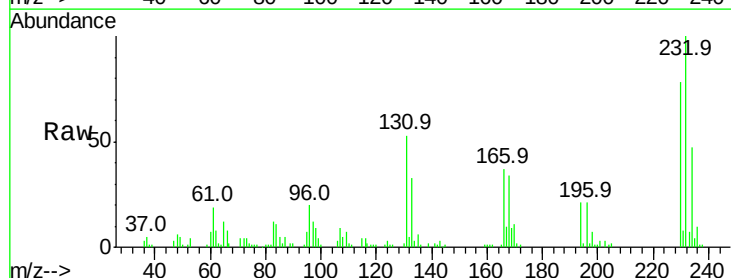
Instrument :
BNA_F
ClientSampleId :

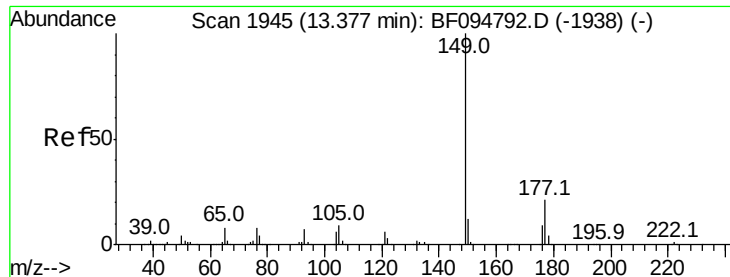
Tot Ion:166 Resp: 546950
Ion Ratio Lower Upper
166 100
165 97.2 78.8 118.2
167 13.4 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 44.71 ng
RT: 13.15 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Tgt Ion:232 Resp: 108481
Ion Ratio Lower Upper
232 100
131 51.7 44.8 67.2
130 2.1 2.3 3.5#
166 32.8 29.0 43.4

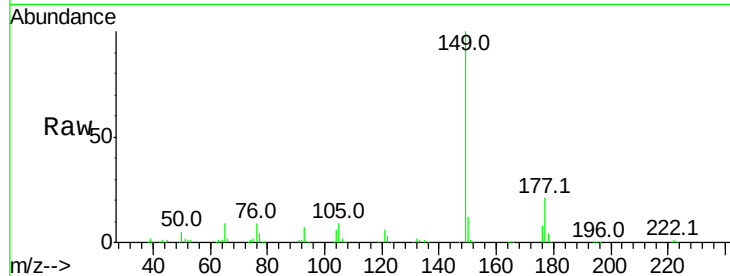




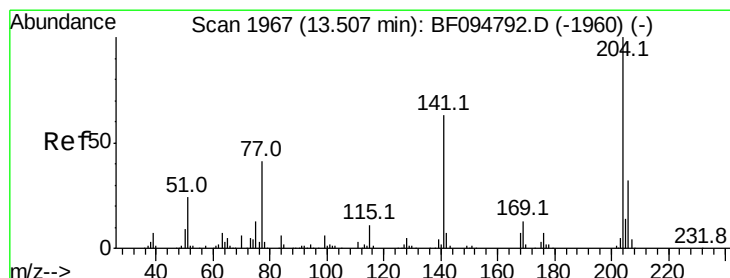
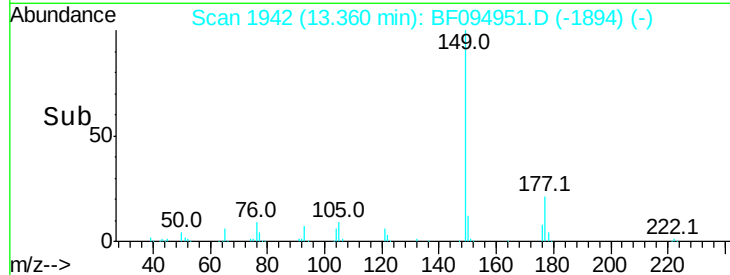
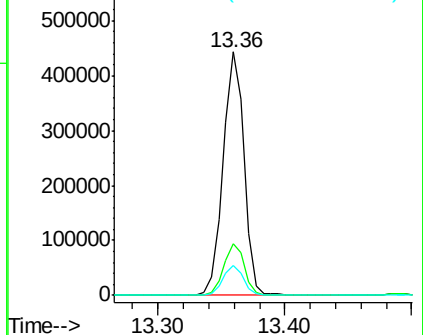
#59
Diethylphthalate
Concen: 36.95 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.5	10.2	15.2

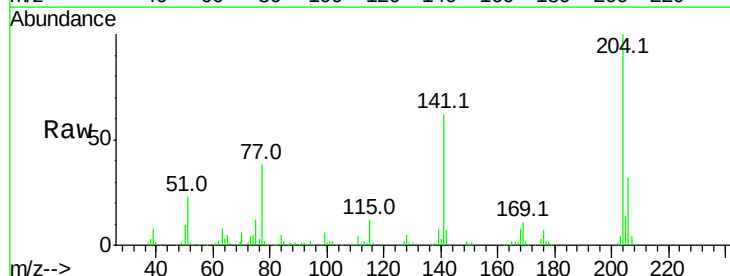


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

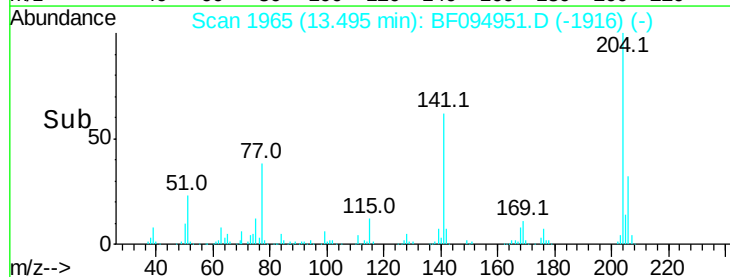
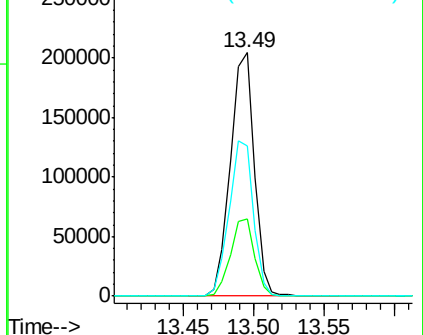


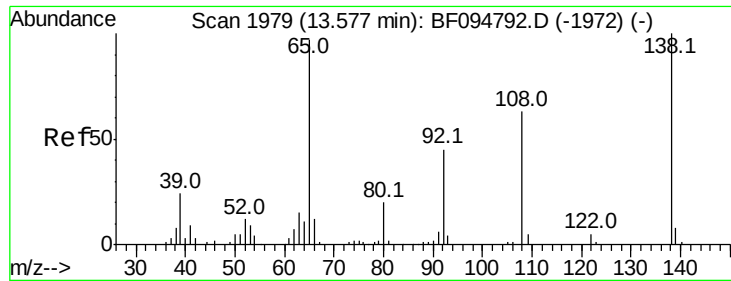
#60
4-Chlorophenyl-phenylether
Concen: 41.16 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.2	39.2
141	61.8	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

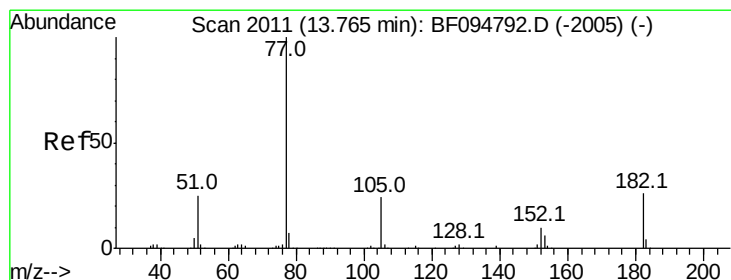
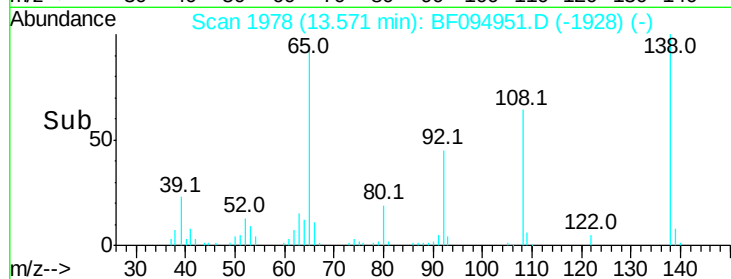
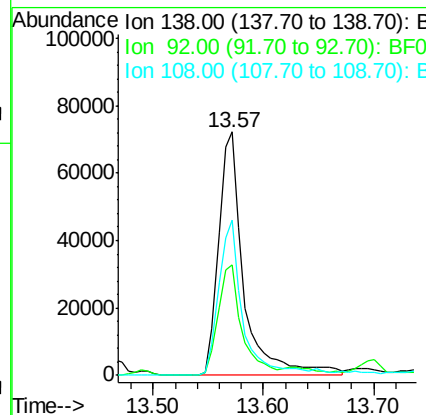
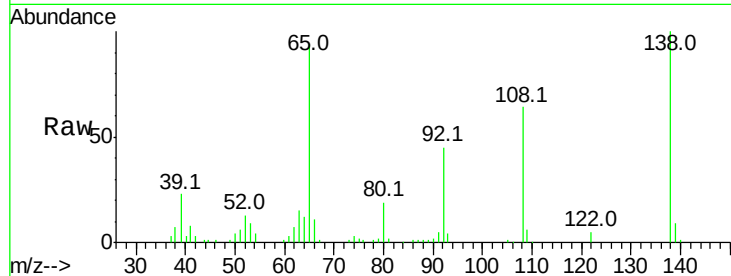




#61
4-Nitroaniline
Concen: 39.59 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

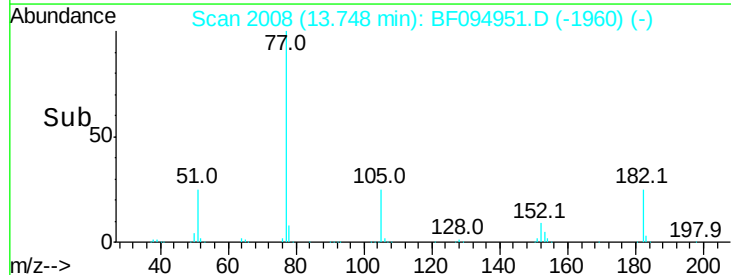
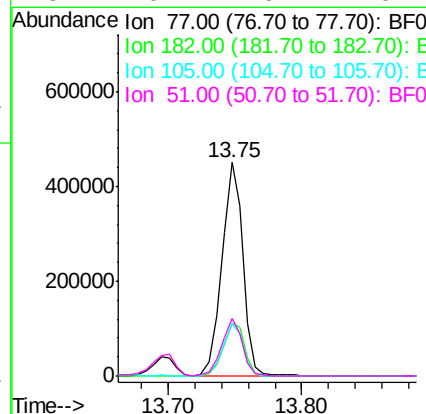
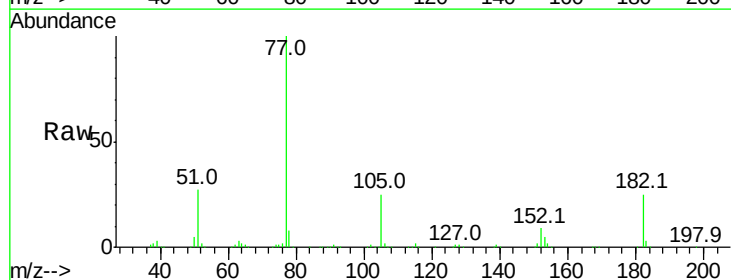
Instrument :
BNA_F
ClientSampled :

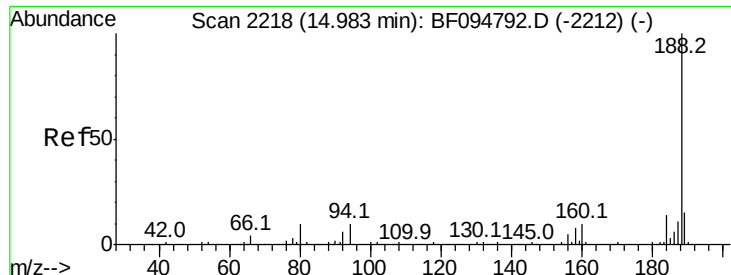
Tot Ion:138 Resp: 114119
Ion Ratio Lower Upper
138 100
92 45.3 21.8 61.8
108 63.7 42.3 82.3



#62
Azobenzene
Concen: 45.31 ng
RT: 13.75 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Tgt Ion: 77 Resp: 500468
Ion Ratio Lower Upper
77 100
182 24.6 0.1 40.1
105 24.5 3.6 43.6
51 26.7 9.4 49.4

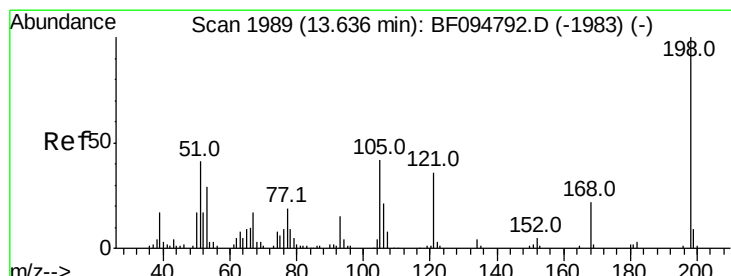
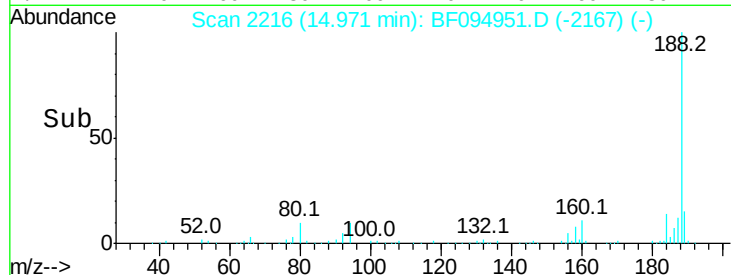
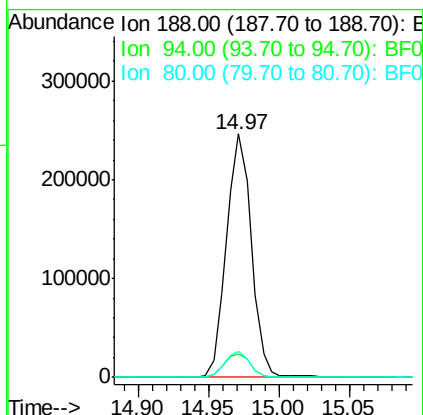
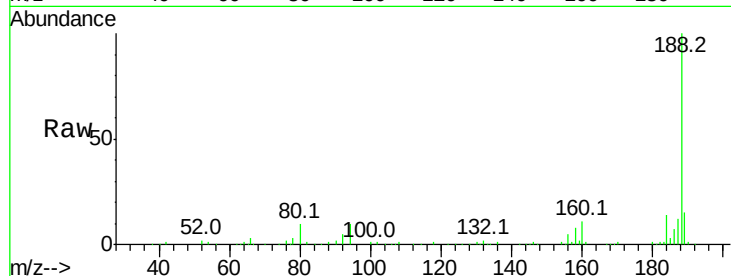




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

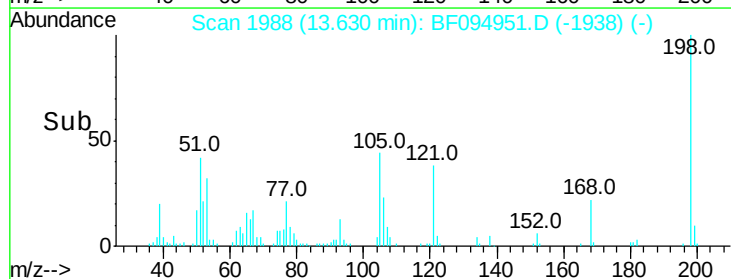
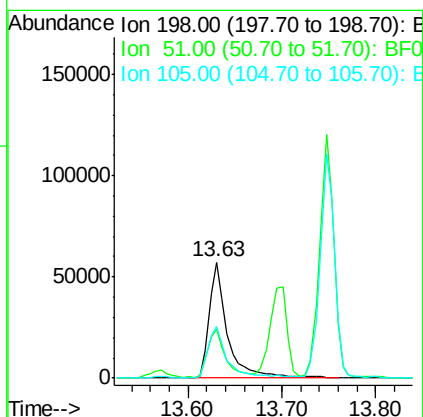
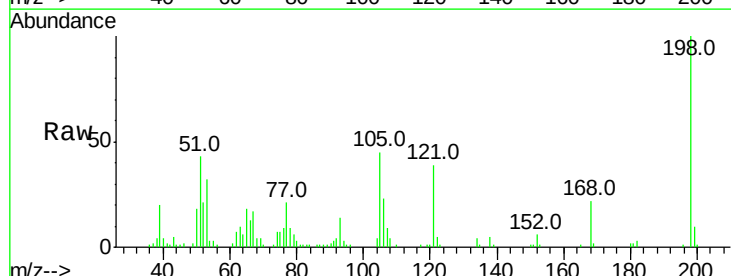
Instrument :
 BNA_F
 ClientSampleId :

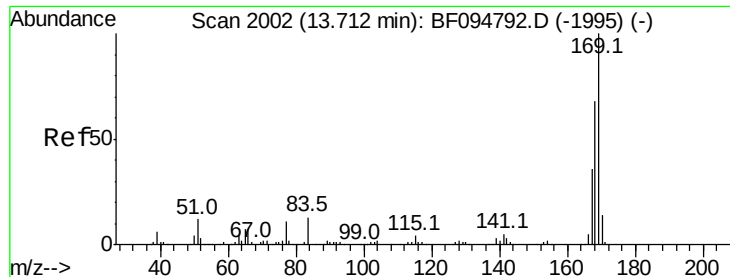
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.4	10.2	15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.09 ng
 RT: 13.63 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.7	53.2	93.2#
105	44.9	45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 41.08 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampled :

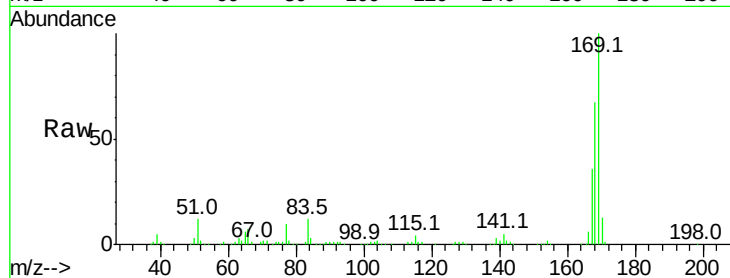
Tot Ion:169 Resp: 451982

Ion Ratio Lower Upper

169 100

168 66.5 53.2 79.8

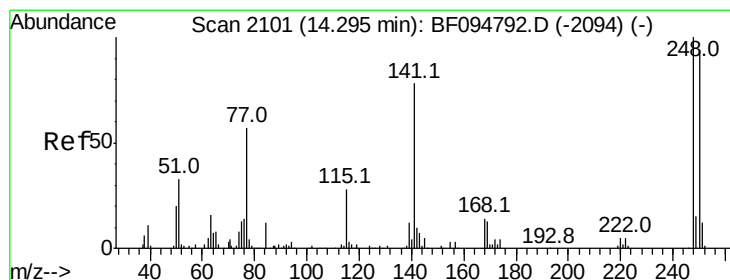
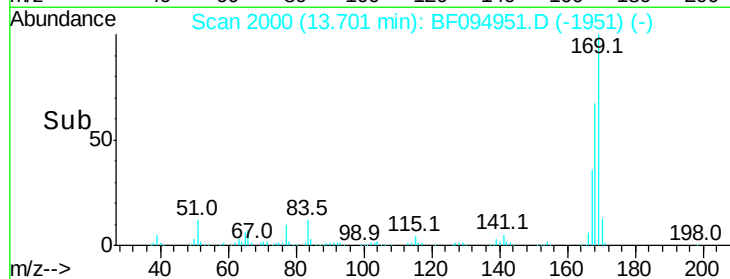
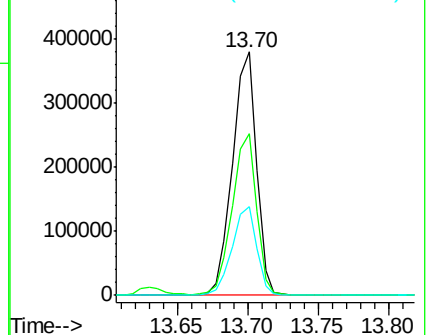
167 36.2 29.5 44.3



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: 37.69 ng

RT: 14.28 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

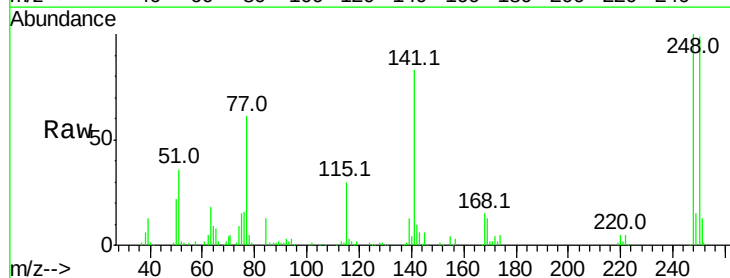
Tgt Ion:248 Resp: 120716

Ion Ratio Lower Upper

248 100

250 98.7 76.8 115.2

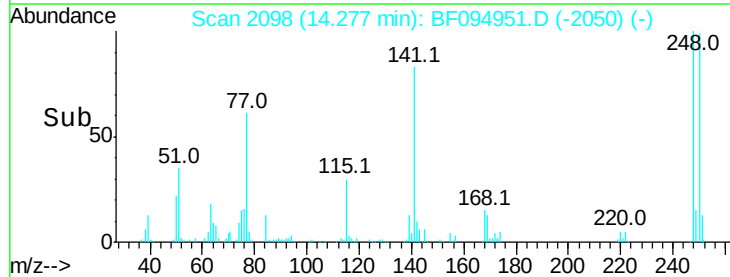
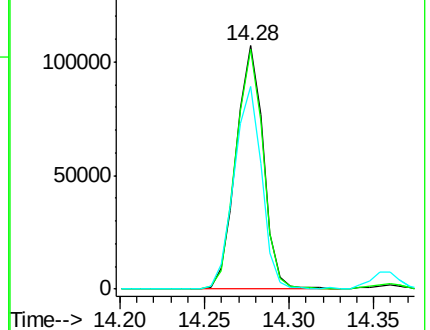
141 83.1 68.6 103.0

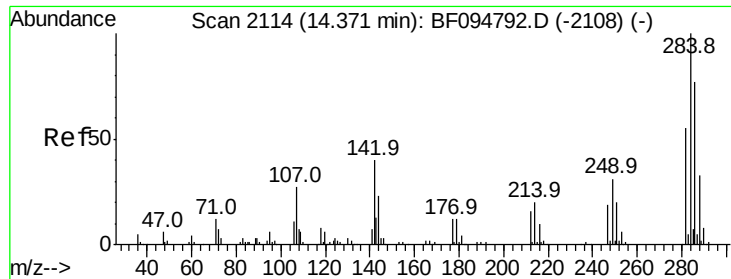


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

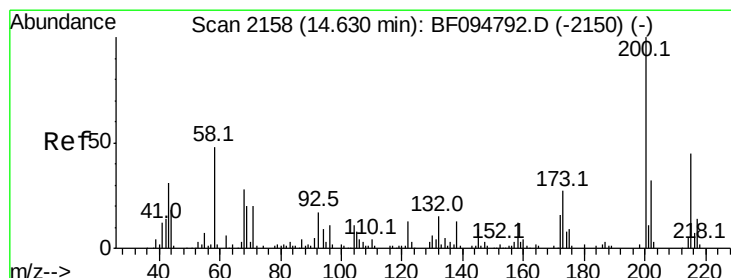
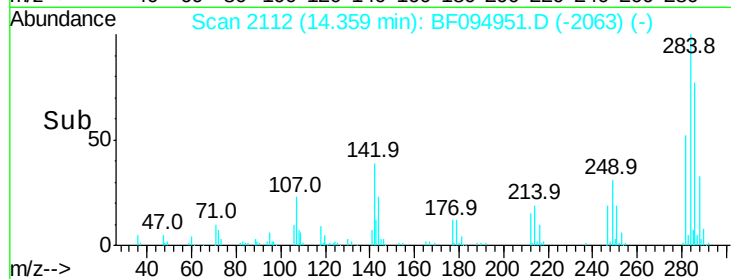
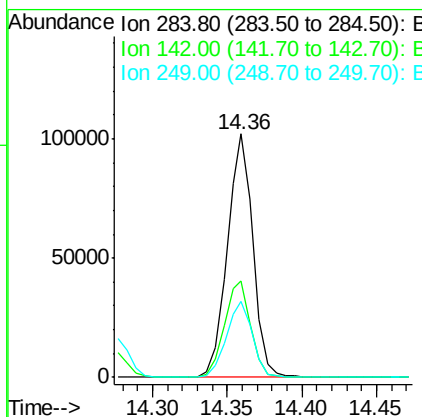
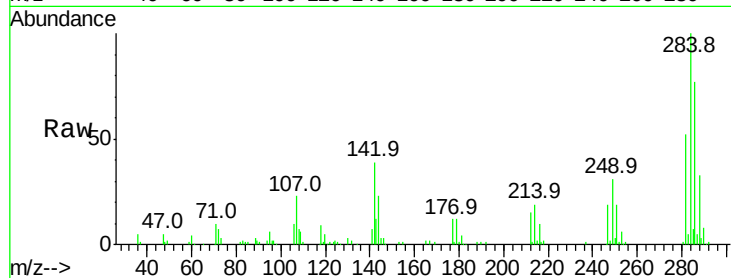




#67
Hexachlorobenzene
Concen: 37.51 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

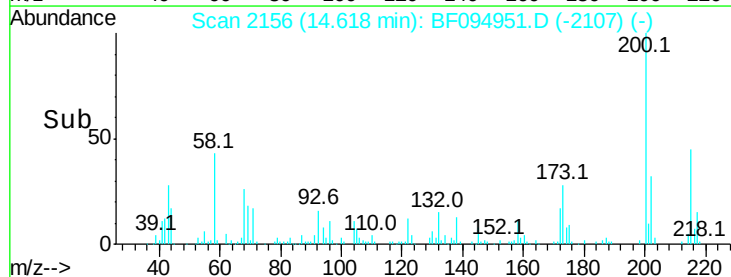
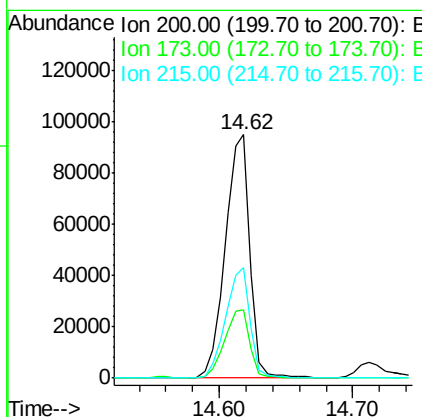
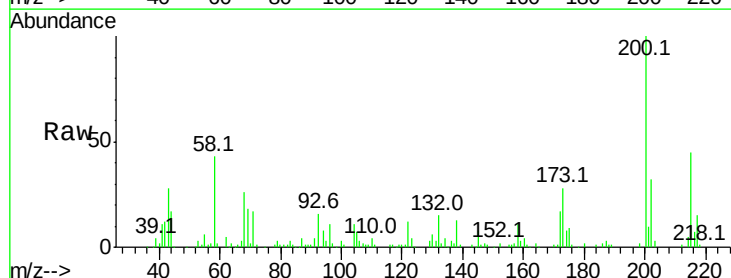
Instrument :
BNA_F
ClientSampled :

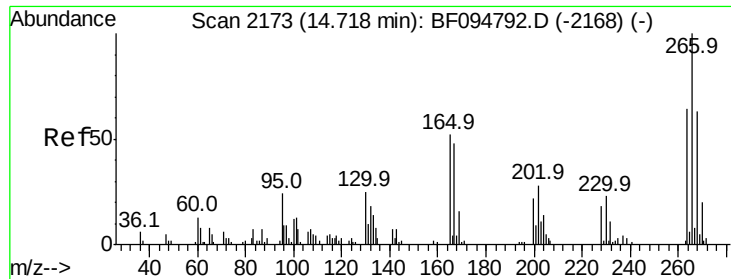
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.5	22.8	34.2#
249	31.2	24.0	36.0



#68
Atrazine
Concen: 39.57 ng
RT: 14.62 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.3	46.3
215	45.3	27.2	67.2





#69

Pentachlorophenol

Concen: 36.93 ng

RT: 14.71 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

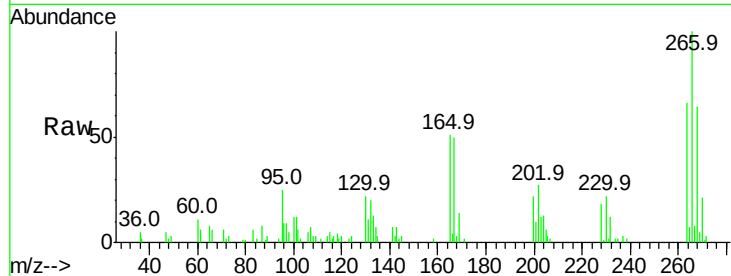
Tot Ion:266 Resp: 49747

Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

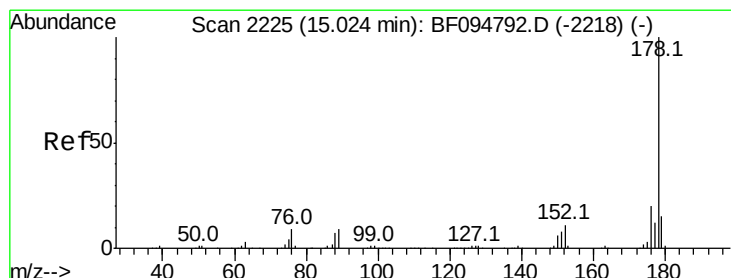
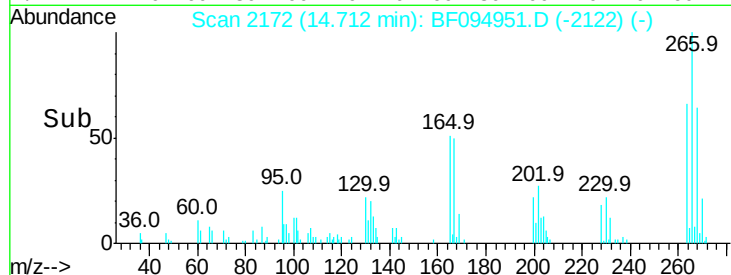
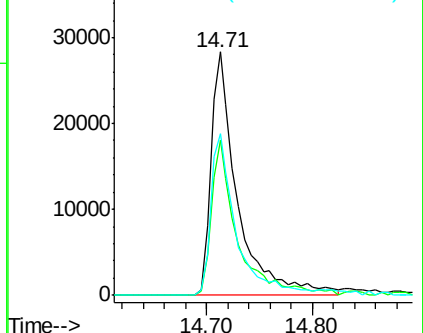
264 66.4 51.7 77.5



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: 41.12 ng

RT: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

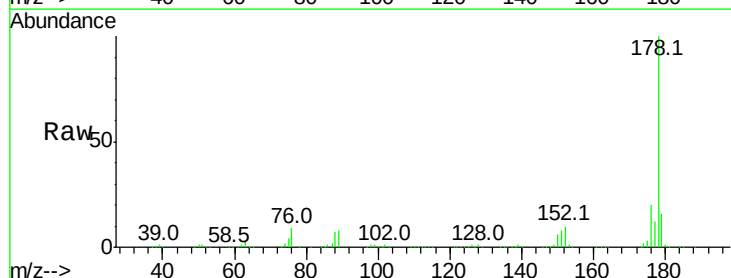
Tgt Ion:178 Resp: 716307

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

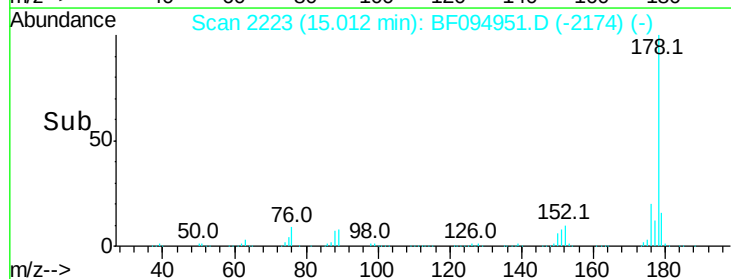
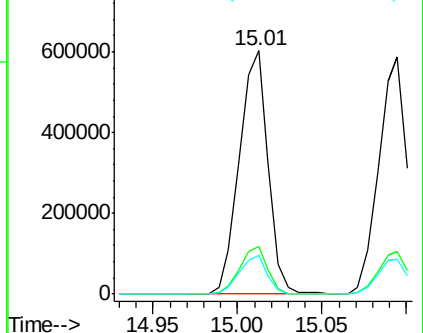
179 15.7 12.6 19.0

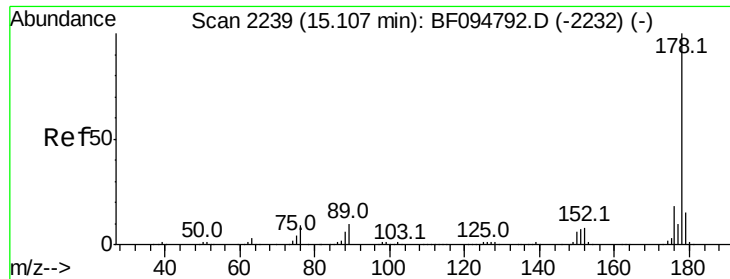


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

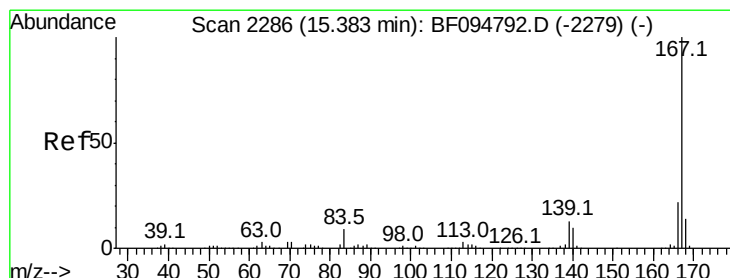
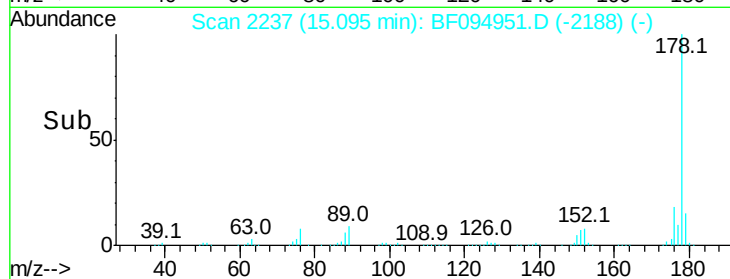
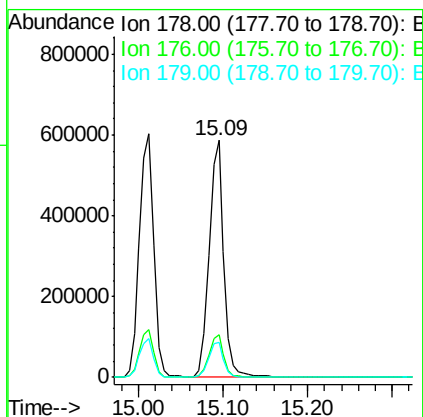
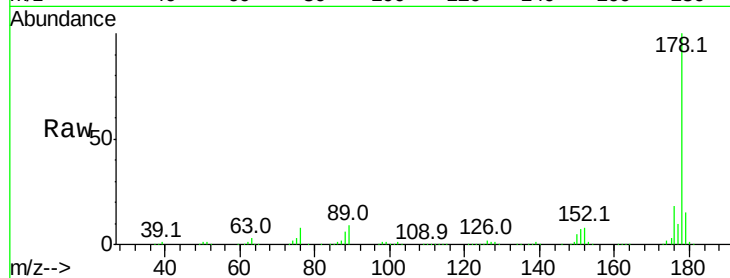




#71
 Anthracene
 Concen: 40.46 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

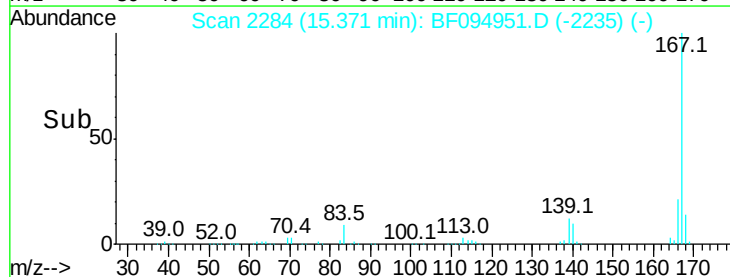
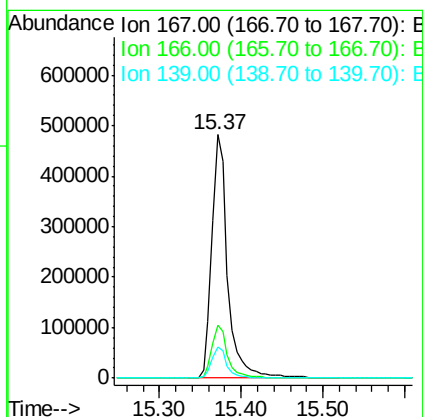
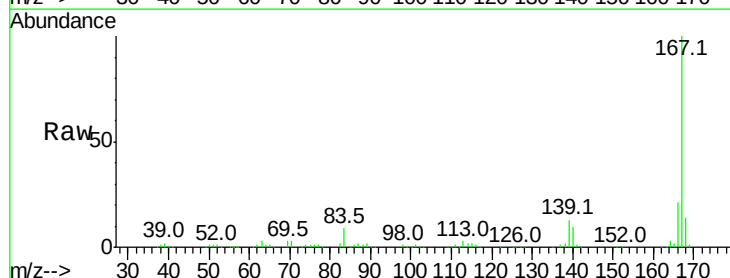
Instrument :
 BNA_F
 ClientSampleId :

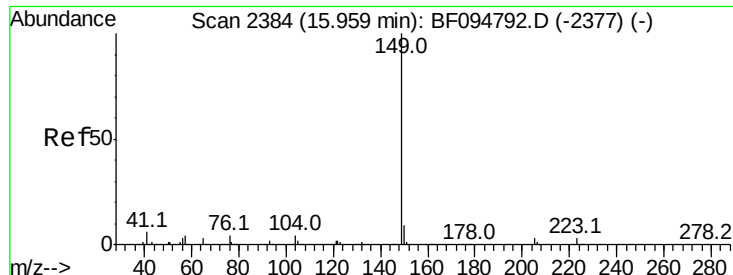
Tot Ion:178 Resp: 719930
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.8
 179 14.8 12.7 19.1



#72
 Carbazole
 Concen: 40.33 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion:167 Resp: 653004
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 13.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.33 ng

RT: 15.94 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

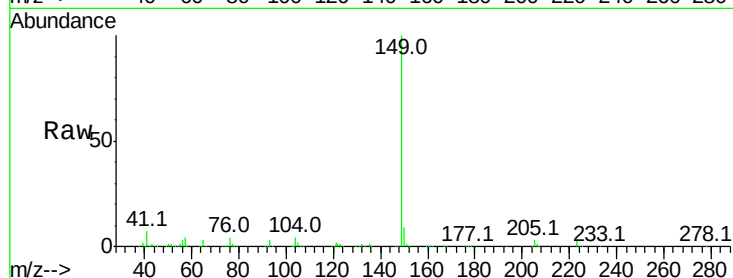
Tot Ion:149 Resp: 814211

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

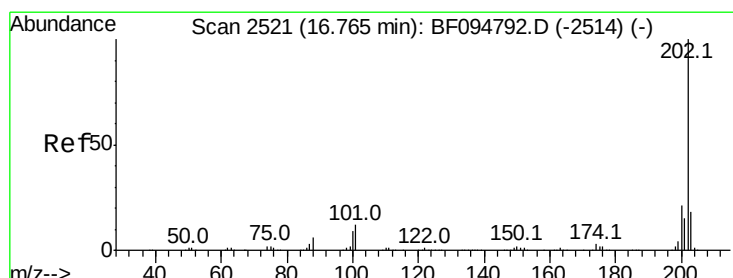
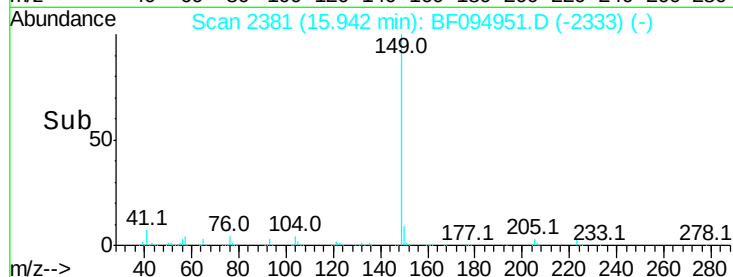
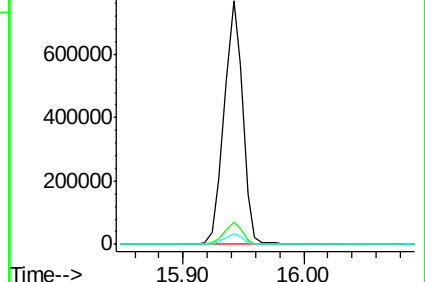
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.49 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

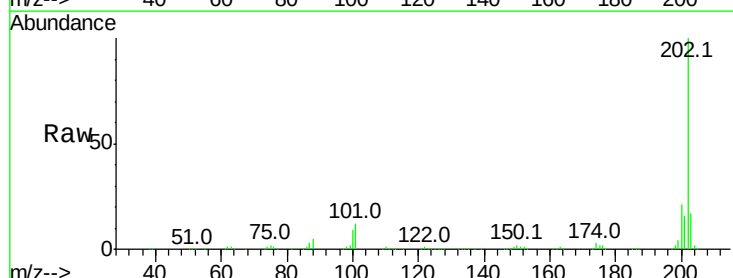
Tgt Ion:202 Resp: 741372

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.2

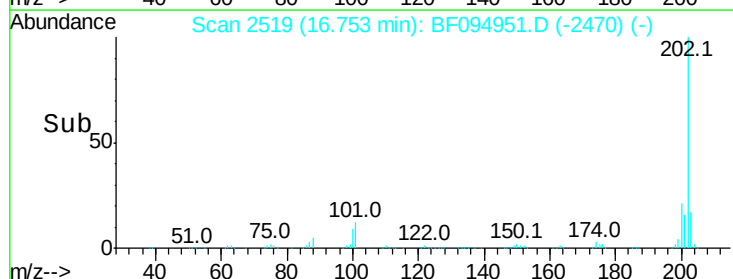
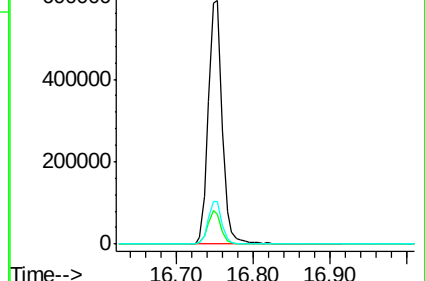
203 17.5 0.0 38.1

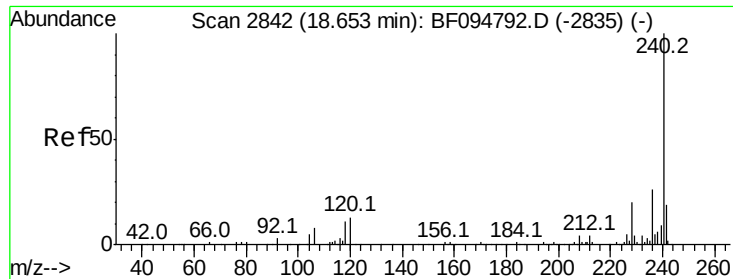


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

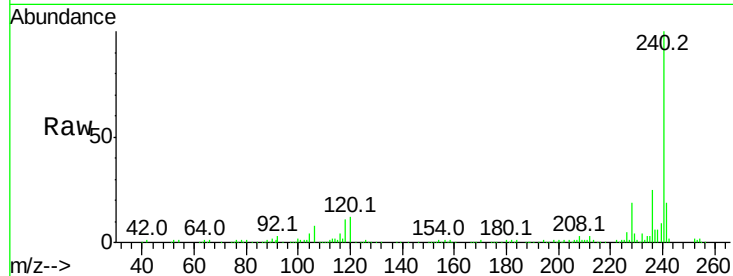
Tot Ion:240 Resp: 229949

Ion Ratio Lower Upper

240 100

120 11.5 5.8 8.8#

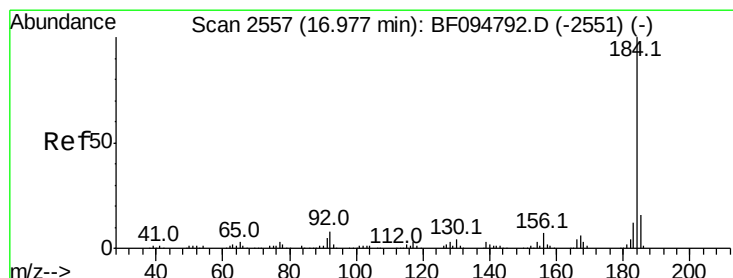
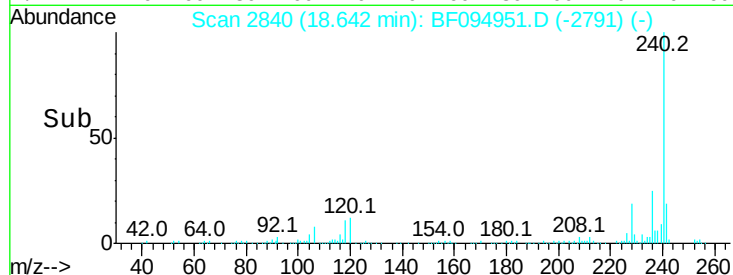
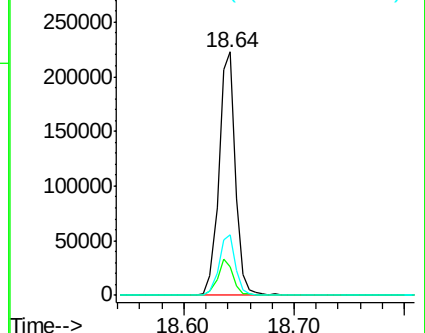
236 24.9 20.5 30.7



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: 22.69 ng

RT: 16.98 min Scan# 2557

Delta R.T. -0.00 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

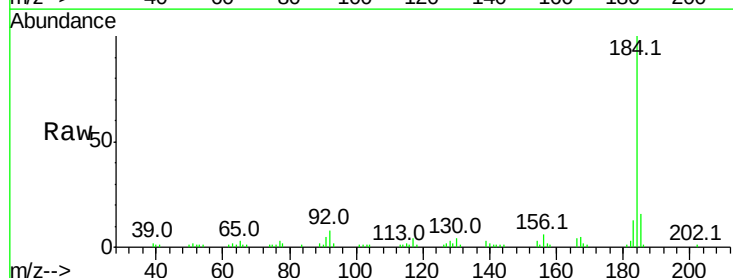
Tgt Ion:184 Resp: 116038

Ion Ratio Lower Upper

184 100

185 16.5 15.5 23.3

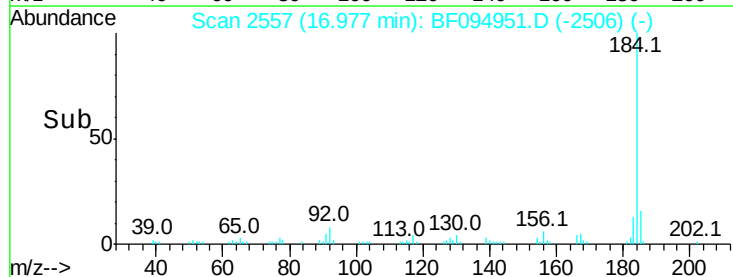
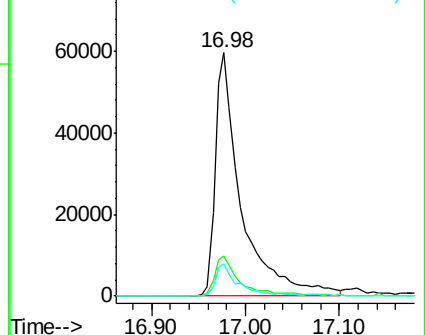
183 13.1 9.8 14.6

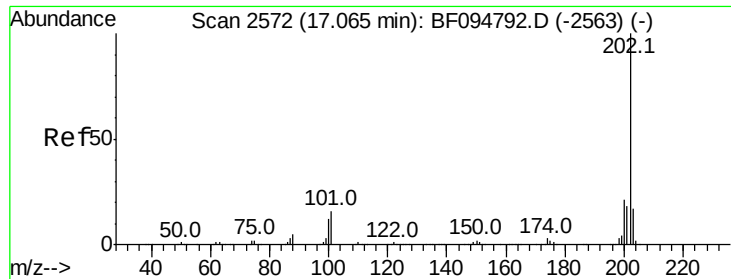


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.26 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

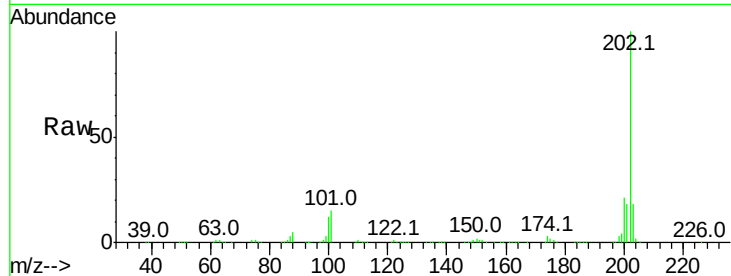
Tot Ion:202 Resp: 743912

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

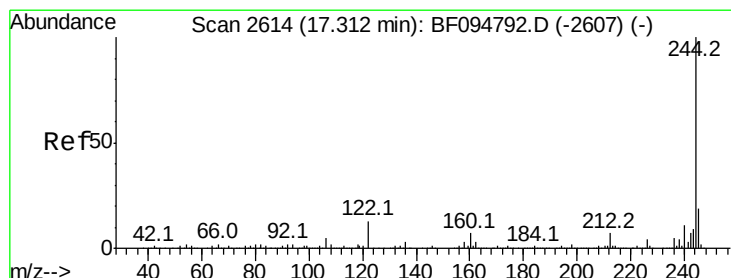
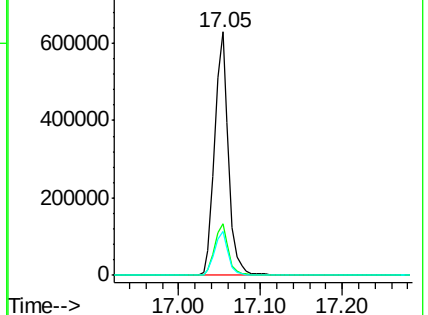
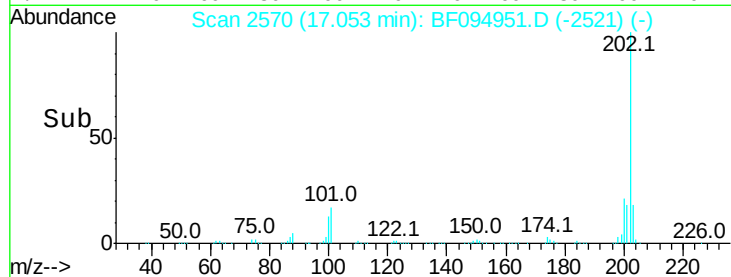
203 18.1 14.4 21.6



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: 78.51 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

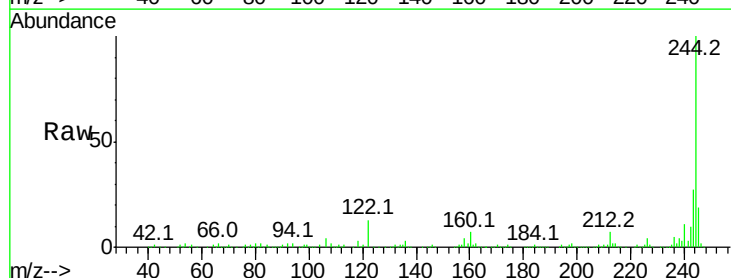
Tgt Ion:244 Resp: 819654

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

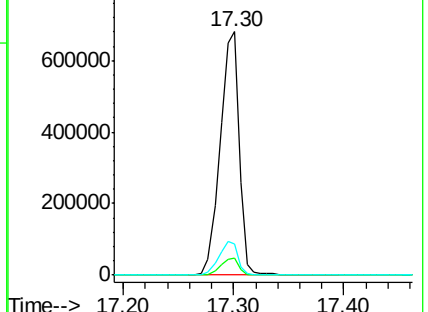
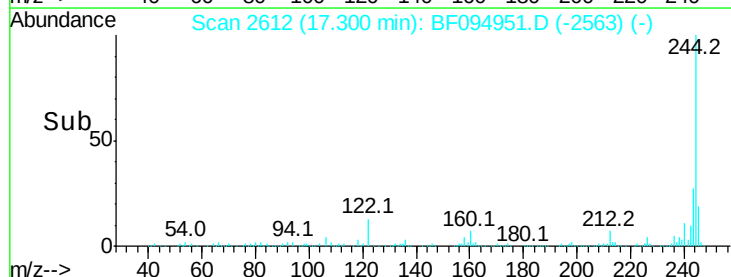
122 12.7 10.3 15.5

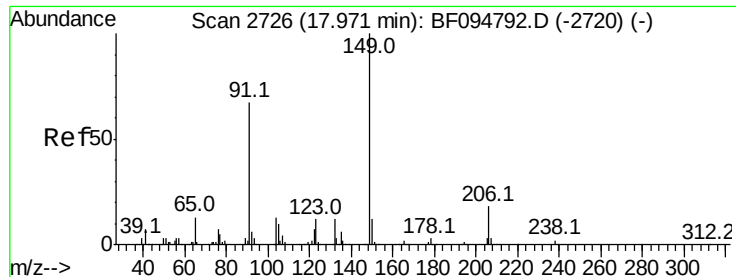


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.40 ng

RT: 17.95 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

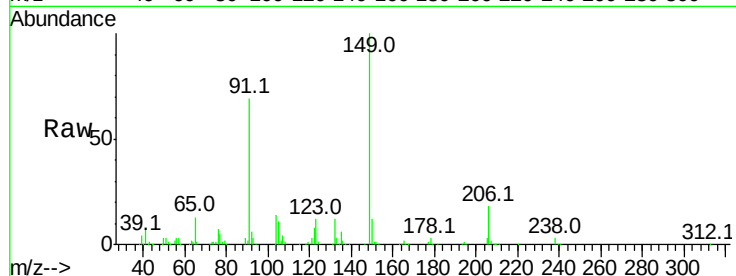
Tot Ion:149 Resp: 331128

Ion Ratio Lower Upper

149 100

91 68.7 45.0 67.4#

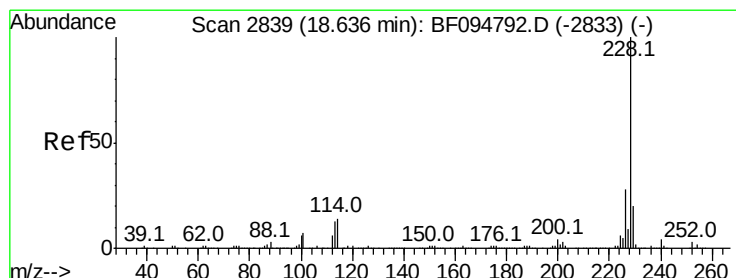
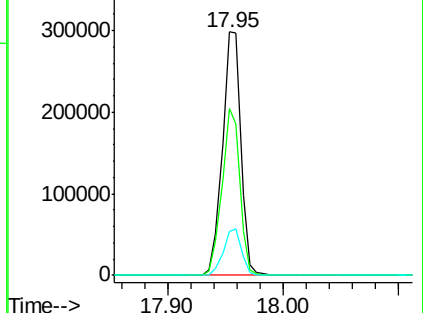
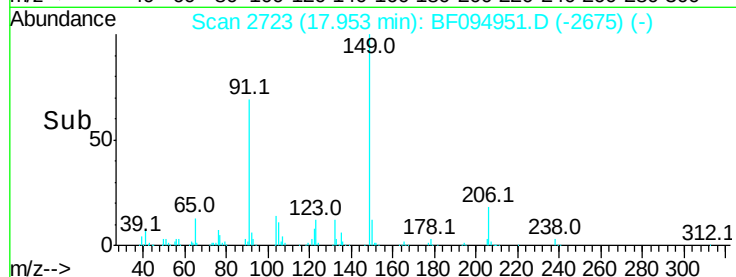
206 18.1 17.0 25.6



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: 40.00 ng

RT: 18.62 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

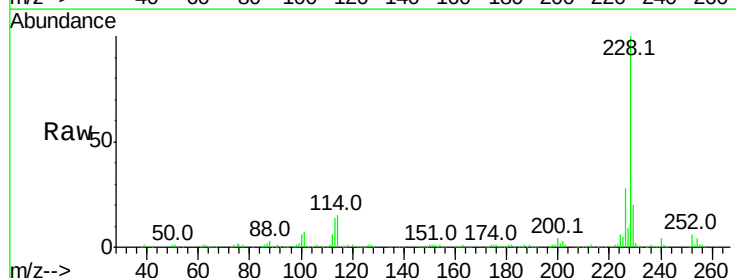
Tgt Ion:228 Resp: 535359

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

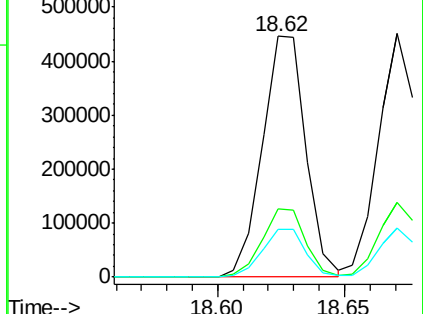
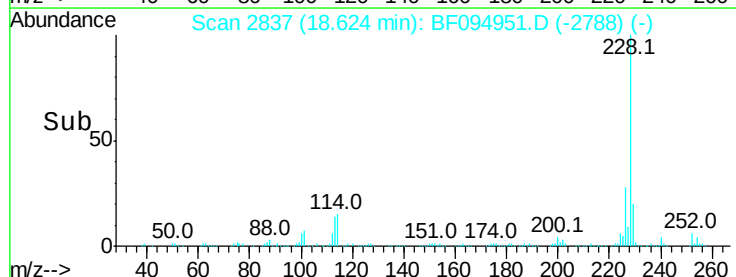
229 20.0 16.3 24.5

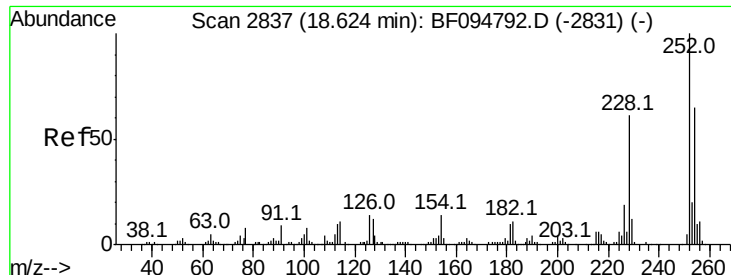


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

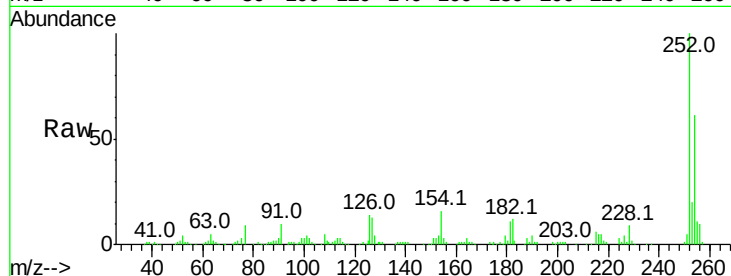




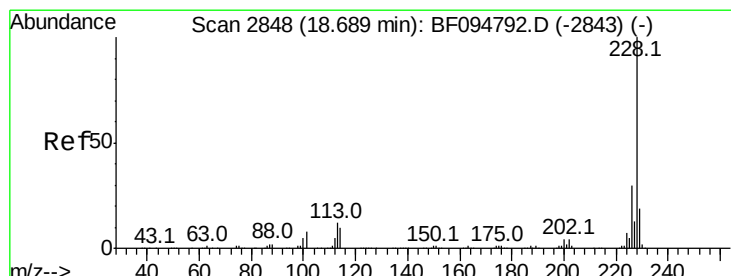
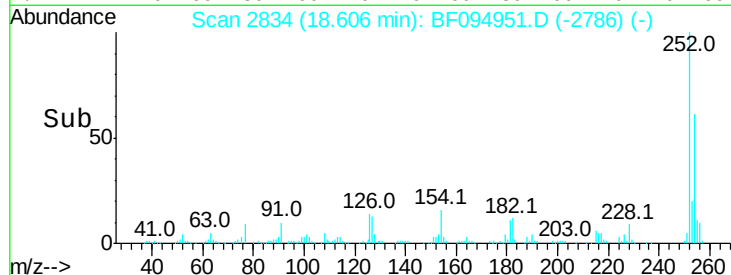
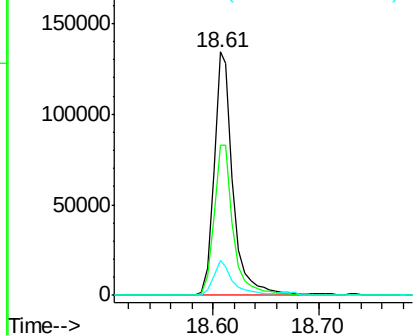
#81
 3,3'-Dichlorobenzidine
 Concen: 36.97 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 170892
 Ion Ratio Lower Upper
 252 100
 254 61.5 51.5 77.3
 126 14.3 15.8 23.8#

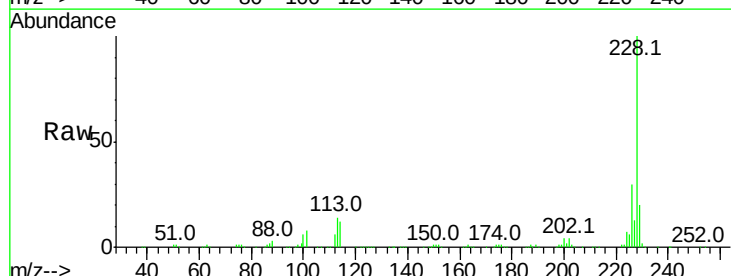


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

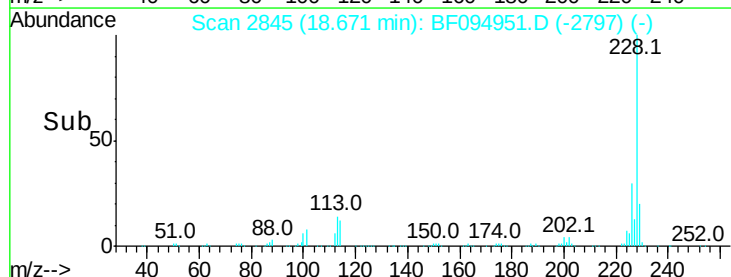
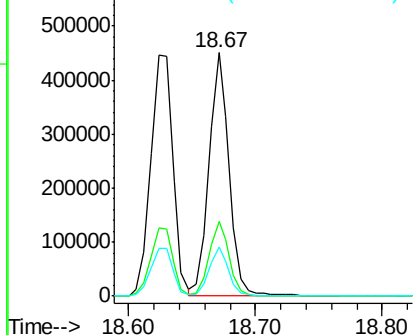


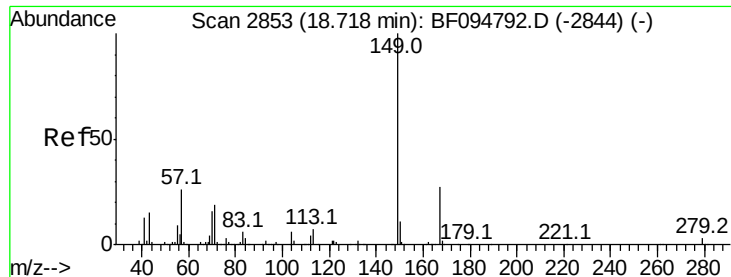
#82
 Chrysene
 Concen: 38.77 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion:228 Resp: 501731
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 20.3 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

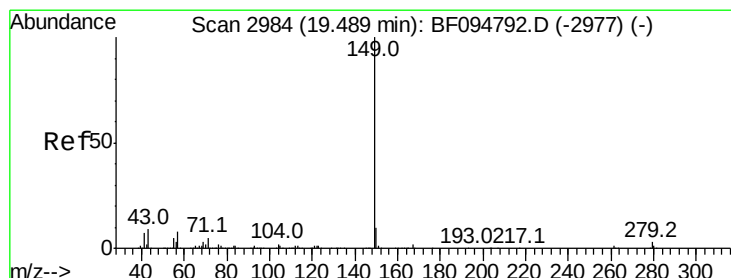
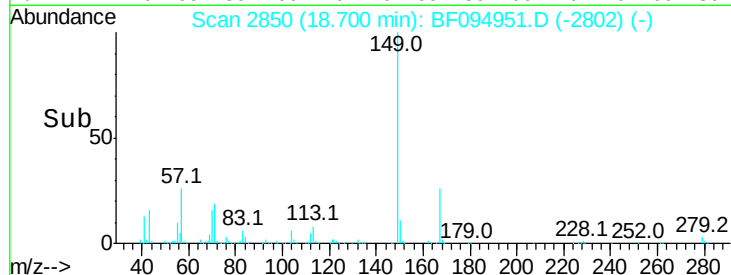
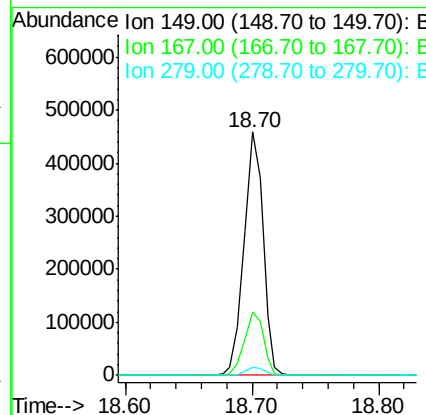
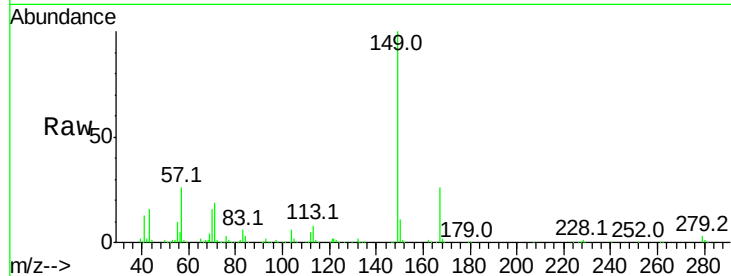




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.82 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

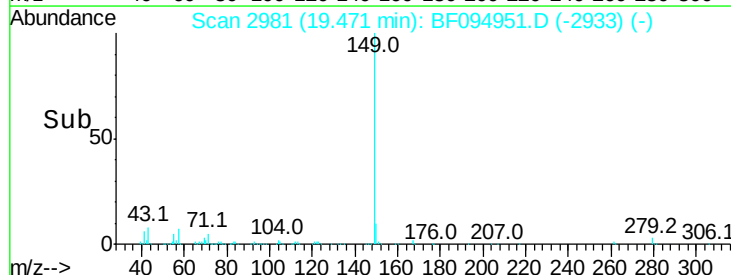
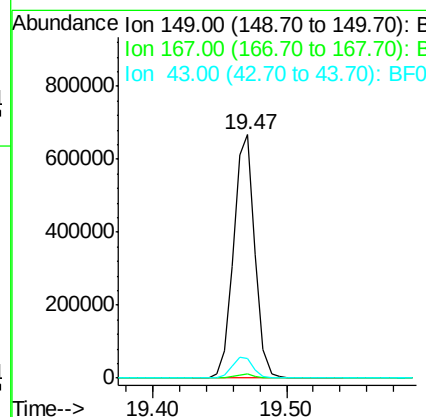
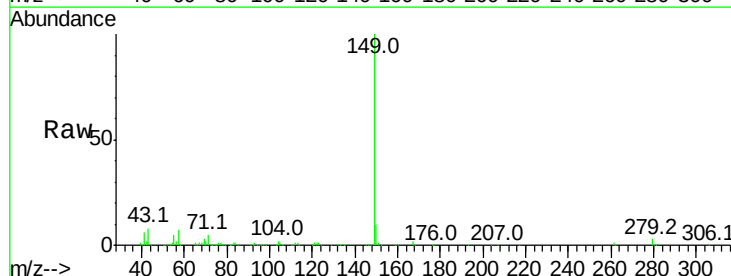
Instrument :
 BNA_F
 ClientSampleId :

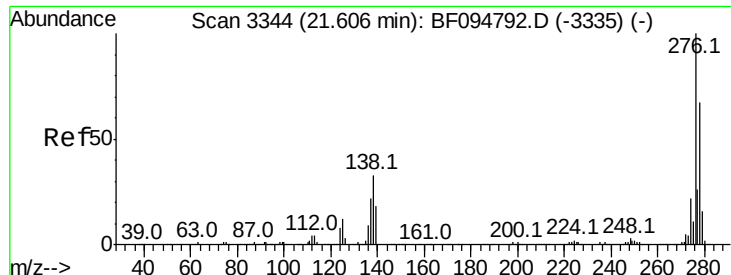
Tot Ion:149 Resp: 476587
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 40.00 ng
 RT: 19.47 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion:149 Resp: 747375
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7

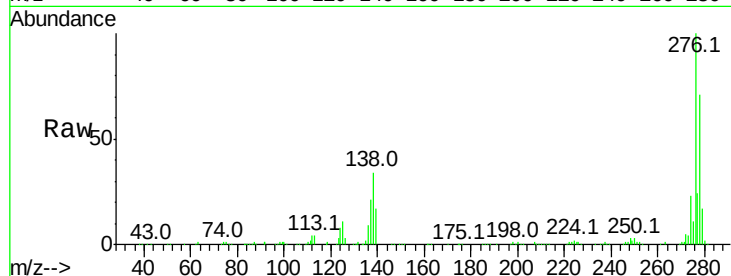




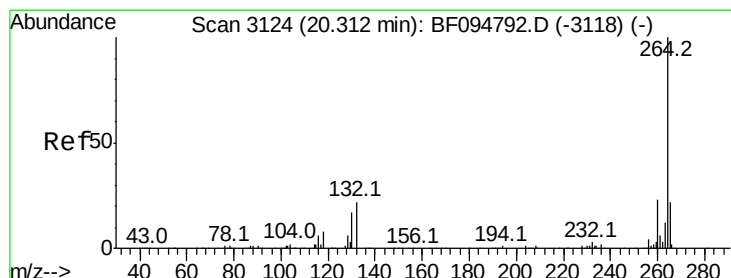
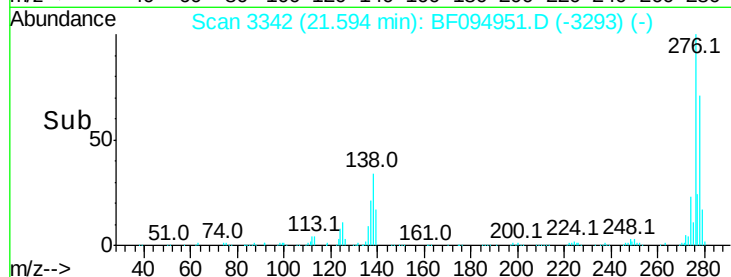
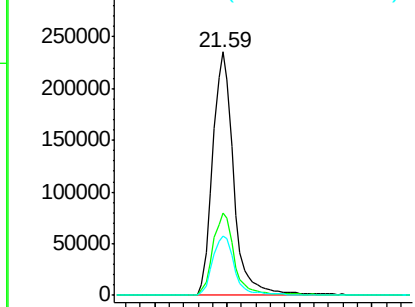
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.41 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 477233
 Ion Ratio Lower Upper
 276 100
 138 34.3 27.8 41.6
 277 25.5 20.2 30.4

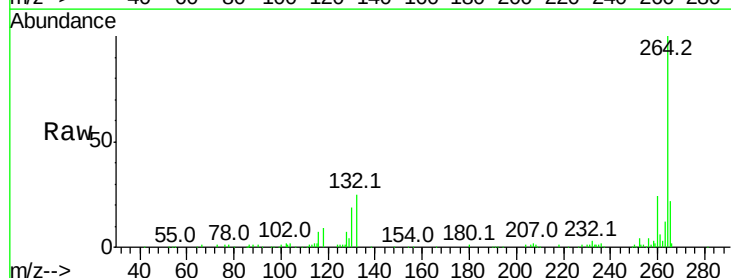


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

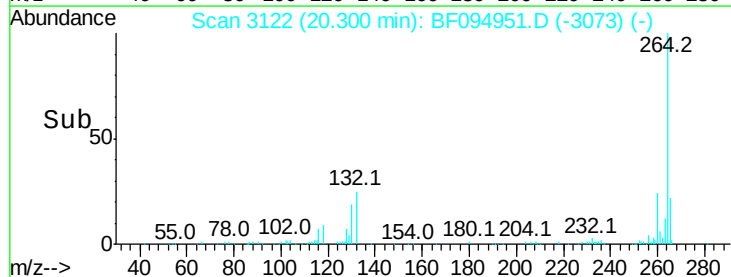
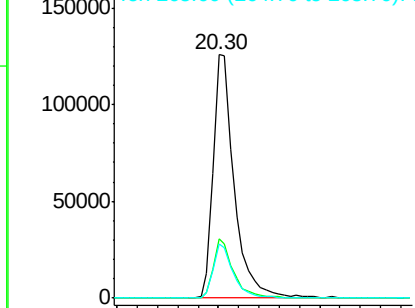


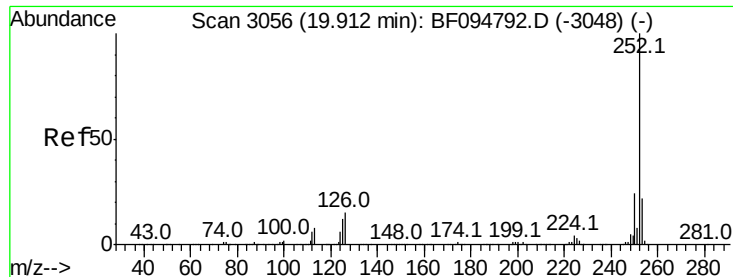
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094951.D
 Acq: 6 May 2017 9:40

Tgt Ion:264 Resp: 182219
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.5 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: 40.42 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

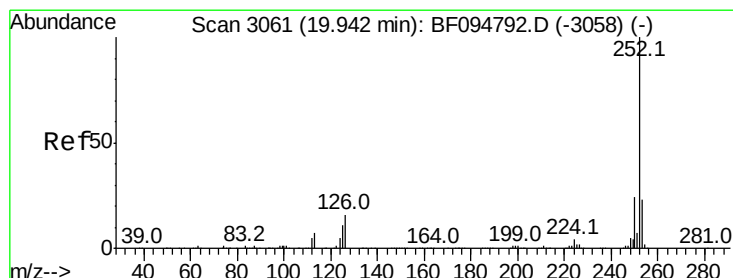
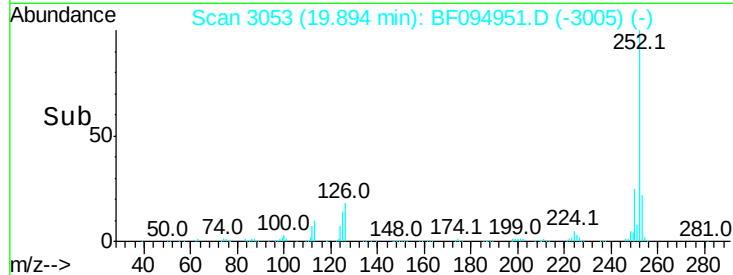
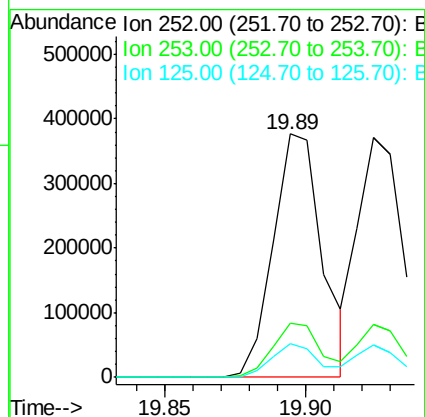
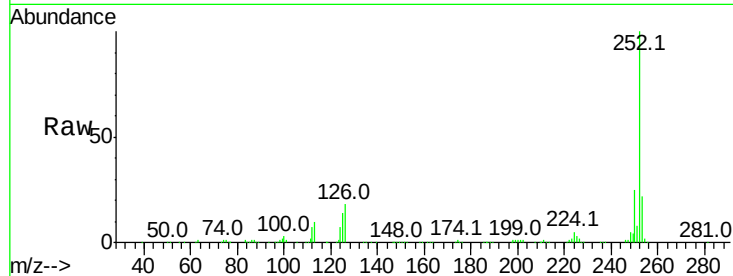
Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 455087

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	14.1	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 40.77 ng

RT: 19.92 min Scan# 3058

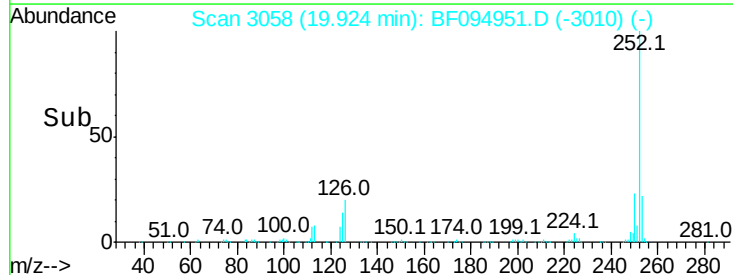
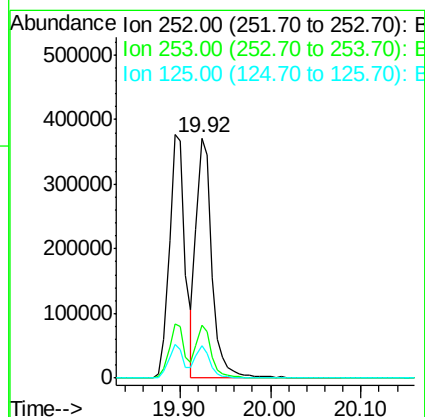
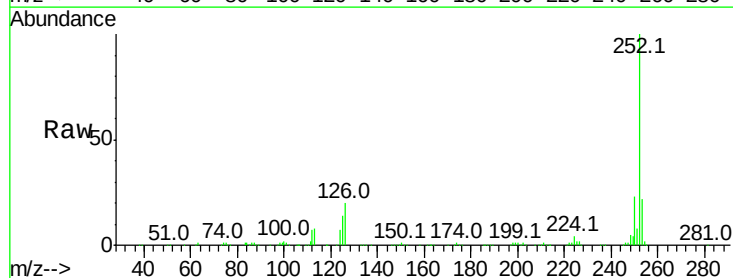
Delta R.T. -0.02 min

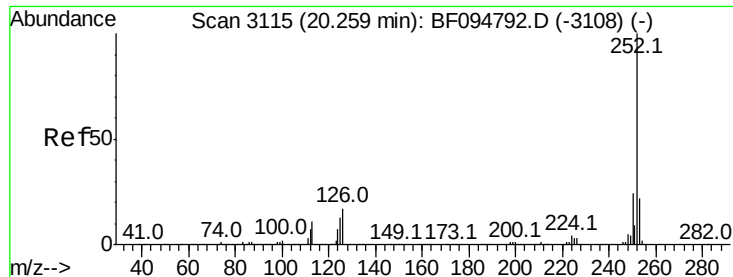
Lab File: BF094951.D

Acq: 6 May 2017 9:40

Tgt Ion:252 Resp: 442813

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	13.7	13.1	19.7

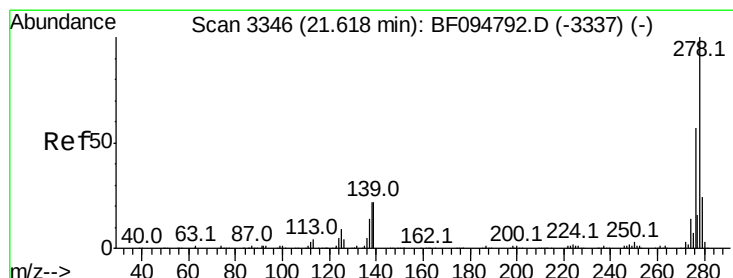
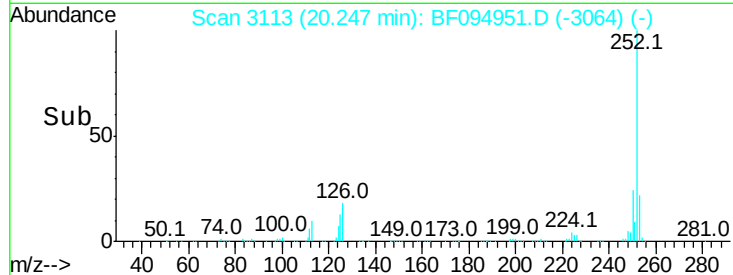
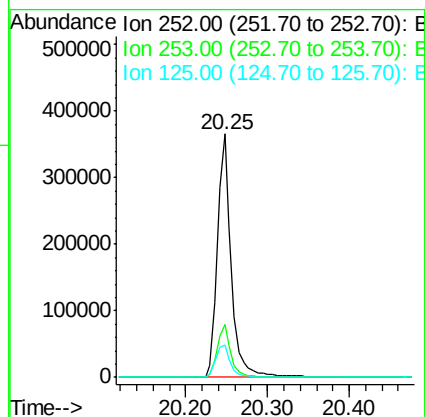
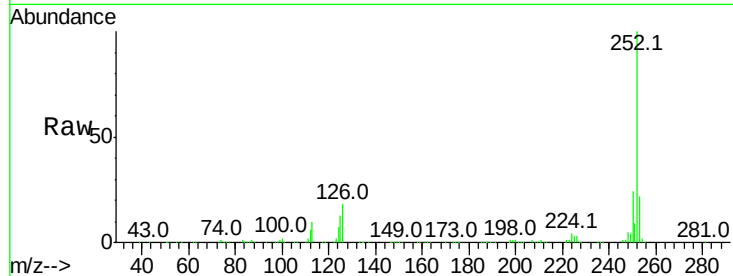




#89
Benzo(a)pyrene
Concen: 41.74 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

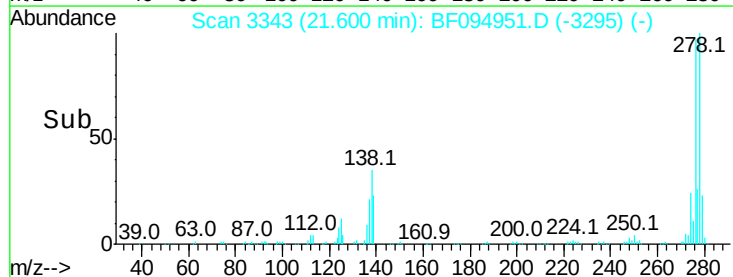
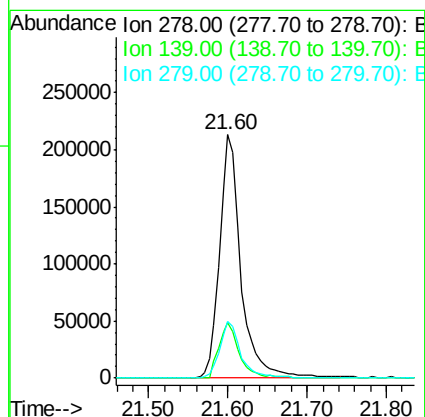
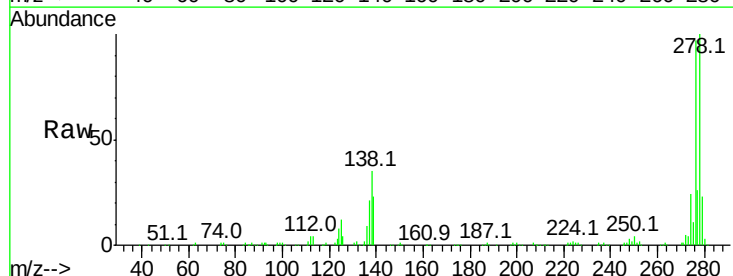
Instrument :
BNA_F
ClientSampleId :

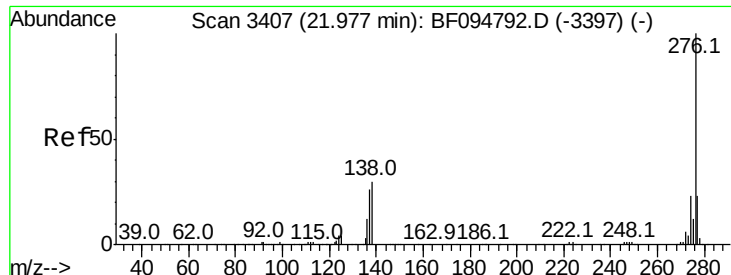
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	13.2	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 46.42 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094951.D
Acq: 6 May 2017 9:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.6	24.8
279	23.2	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 49.39 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF094951.D

Acq: 6 May 2017 9:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 415857

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 30.4 25.4 38.0

