

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094943.D
 Acq On : 6 May 2017 5:20
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 06 05:56:40 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	92202	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	386389	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	176840	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	304442	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	234975	20.00	ng	-0.01
86) Perylene-d12	20.31	264	183903	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	454479	82.18	ng	-0.02
7) Phenol-d6	7.26	99	557526	84.02	ng	-0.02
23) Nitrobenzene-d5	8.62	82	498171	81.30	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	119586	82.57	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1003190	81.65	ng	-0.01
78) Terphenyl-d14	17.30	244	824335	77.27	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.07	88	133655	49.28	ng	96
3) Pyridine	2.73	79	252952	40.24	ng	98
4) n-Nitrosodimethylamine	2.67	42	100501	38.36	ng	88
6) Aniline	7.22	93	360206	43.00	ng	97
8) 2-Chlorophenol	7.41	128	269536	42.82	ng	96
9) Benzaldehyde	7.03	77	171034	42.21	ng	97
10) Phenol	7.28	94	293464	41.97	ng	89
11) bis(2-Chloroethyl)ether	7.35	93	244624	42.38	ng	95
12) 1,3-Dichlorobenzene	7.62	146	300590	42.10	ng	98
13) 1,4-Dichlorobenzene	7.75	146	294423	40.66	ng	97
14) 1,2-Dichlorobenzene	7.98	146	280897	41.56	ng	97
15) Benzyl Alcohol	8.00	79	205790	48.22	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	313514	38.37	ng	# 48
17) 2-Methylphenol	8.21	107	212152	41.18	ng	# 89
18) Hexachloroethane	8.50	117	100841	41.11	ng	# 88
19) n-Nitroso-di-n-propylamine	8.42	70	187603	41.80	ng	96
20) 3+4-Methylphenols	8.47	107	291395	41.63	ng	# 60
22) Acetophenone	8.39	105	380724	41.07	ng	# 85
24) Nitrobenzene	8.65	77	263562	41.04	ng	94
25) Isophorone	9.05	82	495836	45.32	ng	95
26) 2-Nitrophenol	9.15	139	152672	44.05	ng	96
27) 2,4-Dimethylphenol	9.30	122	242726	43.32	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	312771	41.32	ng	100
29) 2,4-Dichlorophenol	9.57	162	216903	41.00	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	226018	39.88	ng	98
31) Naphthalene	9.78	128	775181	39.92	ng	99
32) Benzoic acid	9.61	122	136382	38.23	ng	94
33) 4-Chloroaniline	9.91	127	313944	43.38	ng	# 93
34) Hexachlorobutadiene	10.00	225	117947	39.44	ng	97
35) Caprolactam	10.53	113	52971	33.34	ng	# 86
36) 4-Chloro-3-methylphenol	10.76	107	239601	42.36	ng	88
37) 2-Methylnaphthalene	10.90	142	529701	41.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	221018	40.64	ng	99
40) Hexachlorocyclopentadiene	11.15	237	73977	35.96	ng	98

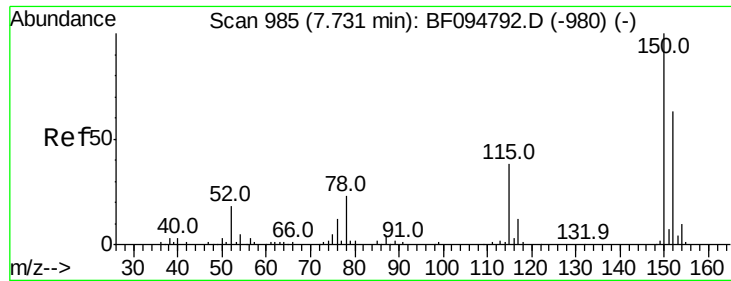
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094943.D
 Acq On : 6 May 2017 5:20
 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	152057	41.88	ng	97
43) 2,4,5-Trichlorophenol	11.48	196	150842	38.65	ng	93
45) 1,1'-Biphenyl	11.67	154	613848	41.23	ng	97
46) 2-Chloronaphthalene	11.68	162	475718	39.57	ng	96
47) 2-Nitroaniline	11.90	65	132091	40.14	ng	# 79
48) Acenaphthylene	12.34	152	771504	40.97	ng	98
49) Dimethylphthalate	12.21	163	561264	38.66	ng	100
50) 2,6-Dinitrotoluene	12.31	165	121504	41.02	ng	97
51) Acenaphthene	12.62	154	437057	38.86	ng	98
52) 3-Nitroaniline	12.57	138	123688	38.91	ng	92
53) 2,4-Dinitrophenol	12.78	184	48156	33.46	ng	# 70
54) Dibenzofuran	12.91	168	689347	44.29	ng	97
55) 4-Nitrophenol	12.97	139	67171	35.18	ng	# 62
56) 2,4-Dinitrotoluene	12.97	165	162506	42.70	ng	# 91
57) Fluorene	13.47	166	533963	39.45	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	110368	44.94	ng	# 97
59) Diethylphthalate	13.36	149	531949	38.23	ng	99
60) 4-Chlorophenyl-phenylether	13.49	204	236008	39.68	ng	89
61) 4-Nitroaniline	13.57	138	115902	39.72	ng	95
62) Azobenzene	13.75	77	501730	44.87	ng	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	78180	38.31	ng	# 69
65) n-Nitrosodiphenylamine	13.70	169	453157	41.01	ng	99
66) 4-Bromophenyl-phenylether	14.28	248	122691	38.15	ng	99
67) Hexachlorobenzene	14.36	284	123622	37.50	ng	# 88
68) Atrazine	14.62	200	125628	40.27	ng	96
69) Pentachlorophenol	14.71	266	49408	36.58	ng	93
70) Phenanthrene	15.01	178	711806	40.69	ng	98
71) Anthracene	15.09	178	750939	42.03	ng	98
72) Carbazole	15.37	167	692309	42.58	ng	98
73) Di-n-butylphthalate	15.94	149	843896	41.62	ng	99
74) Fluoranthene	16.75	202	715061	39.85	ng	98
76) Benzidine	16.97	184	156992	27.90	ng	96
77) Pyrene	17.05	202	732112	41.66	ng	100
79) Butylbenzylphthalate	17.96	149	345679	42.29	ng	91
80) Benzo(a)anthracene	18.63	228	558722	40.86	ng	97
81) 3,3'-Dichlorobenzidine	18.61	252	174431	36.93	ng	# 97
82) Chrysene	18.67	228	533416	40.34	ng	98
83) Bis(2-ethylhexyl)phthalate	18.70	149	493335	42.36	ng	100
84) Di-n-octyl phthalate	19.47	149	766366	40.14	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	479069	44.61	ng	99
87) Benzo(b)fluoranthene	19.89	252	466305	41.03	ng	98
88) Benzo(k)fluoranthene	19.92	252	440533	40.19	ng	97
89) Benzo(a)pyrene	20.25	252	437833	41.75	ng	99
90) Dibenzo(a,h)anthracene	21.60	278	398486	46.01	ng	98
91) Benzo(g,h,i)perylene	21.97	276	410767	48.34	ng	99

(#) = 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: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

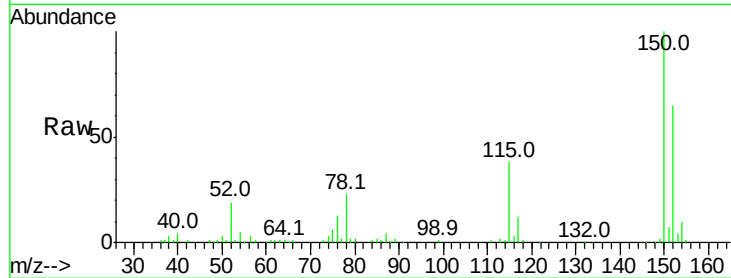
Tot Ion:152 Resp: 92202

Ion Ratio Lower Upper

152 100

150 154.6 126.2 189.2

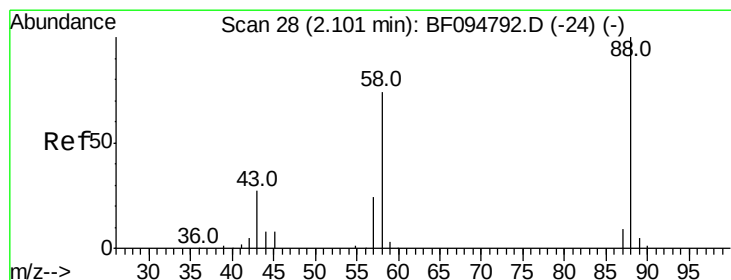
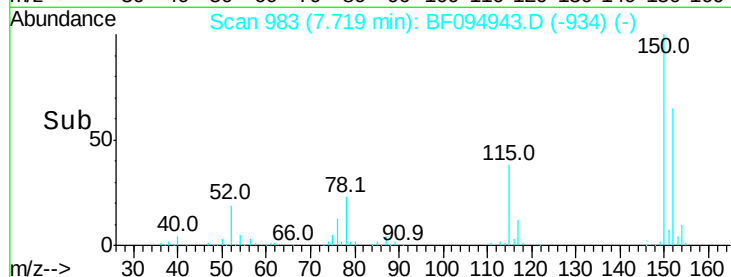
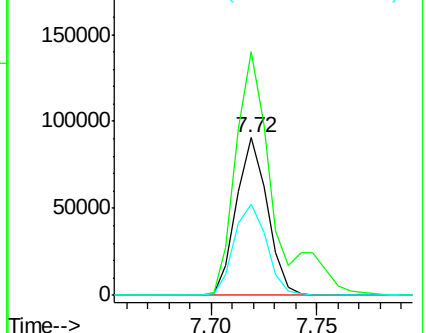
115 58.0 52.2 78.2



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: 49.28 ng

RT: 2.07 min Scan# 23

Delta R.T. -0.03 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

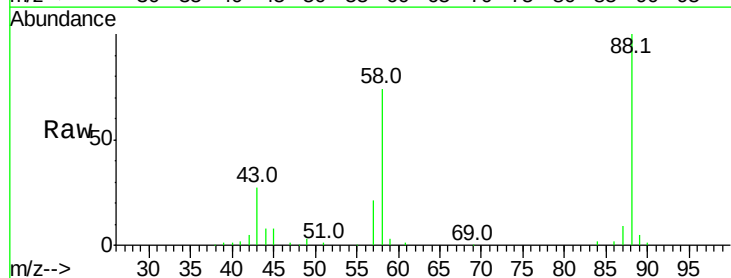
Tgt Ion: 88 Resp: 133655

Ion Ratio Lower Upper

88 100

58 73.6 61.4 92.0

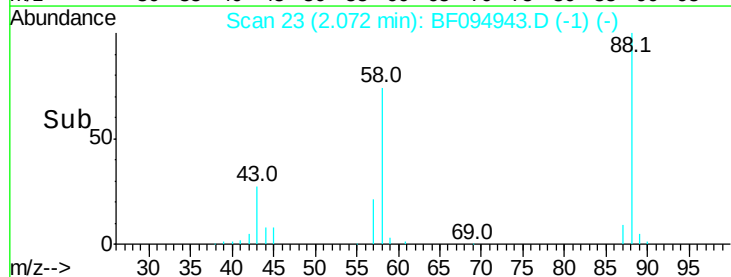
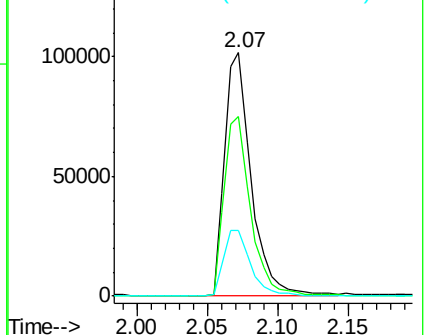
43 27.3 23.4 35.0

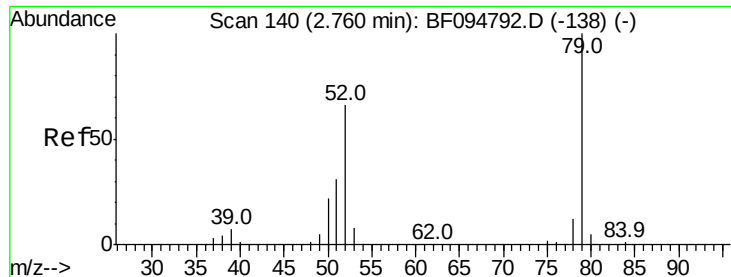


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

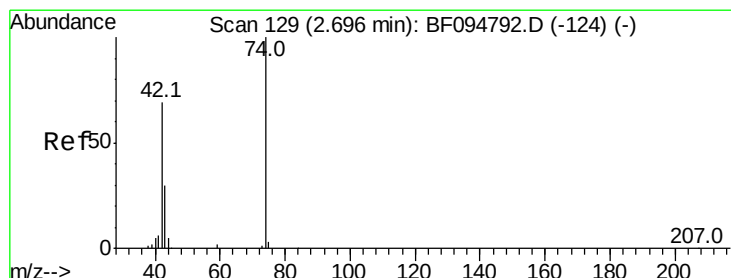
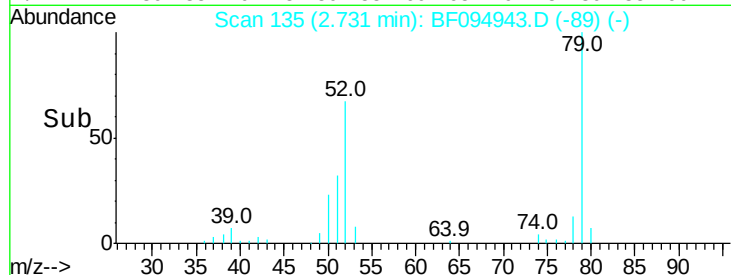
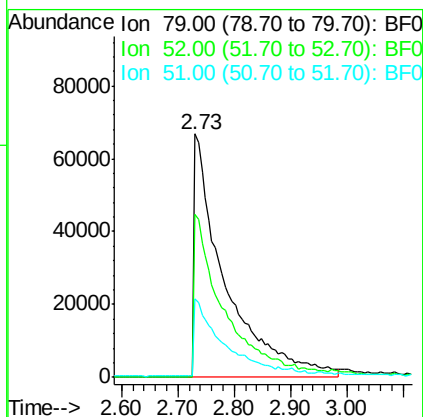
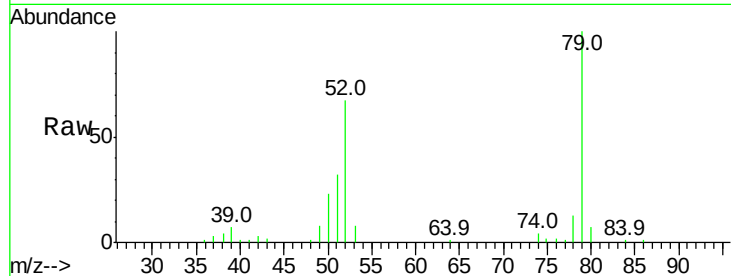




#3
 Pvridine
 Concen: 40.24 ng
 RT: 2.73 min Scan# 135
 Delta R.T. -0.03 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

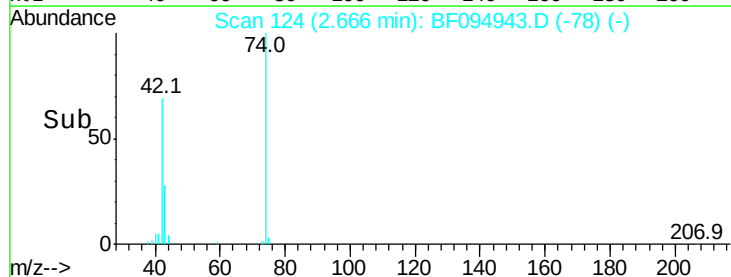
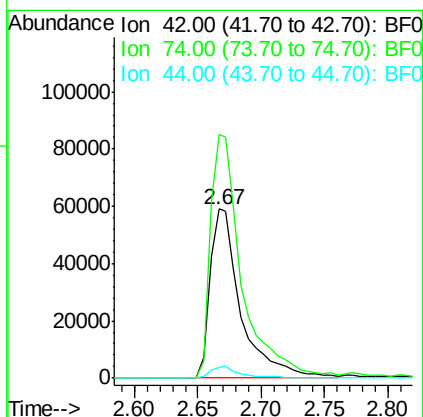
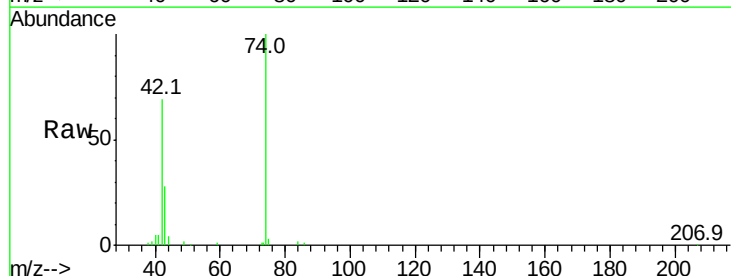
Instrument :
 BNA_F
 ClientSampleId :

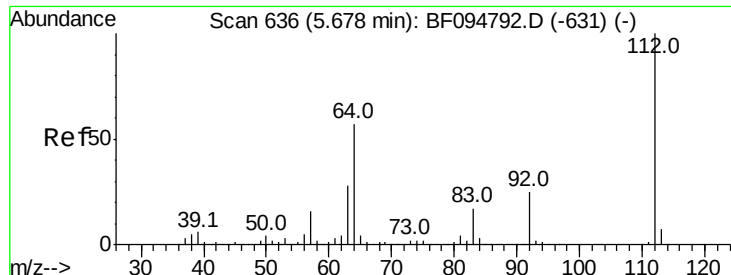
Tot Ion: 79 Resp: 252952
 Ion Ratio Lower Upper
 79 100
 52 66.7 54.8 82.2
 51 32.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 38.36 ng
 RT: 2.67 min Scan# 124
 Delta R.T. -0.03 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion: 42 Resp: 100501
 Ion Ratio Lower Upper
 42 100
 74 144.2 103.9 155.9
 44 6.4 5.7 8.5

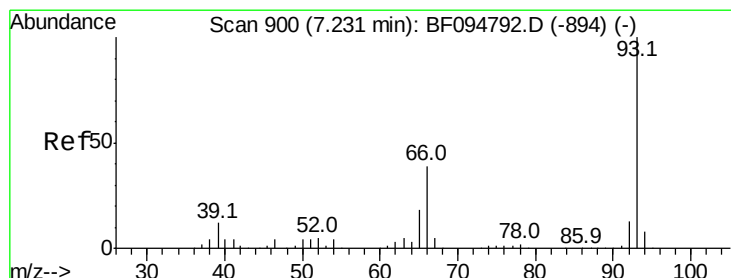
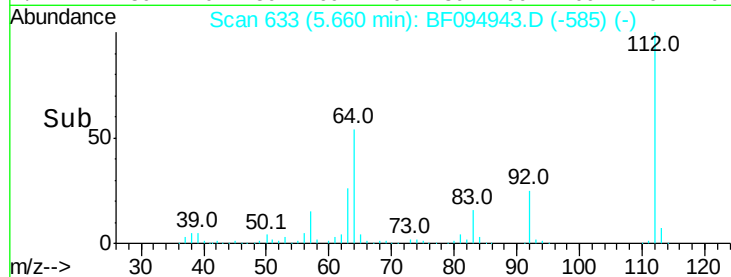
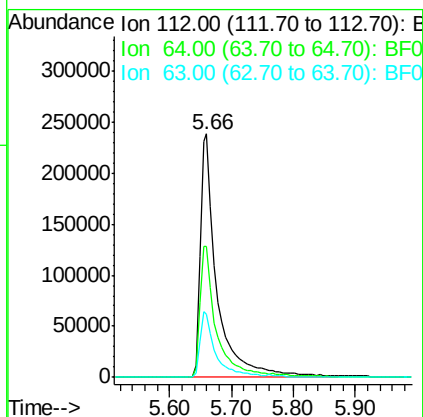
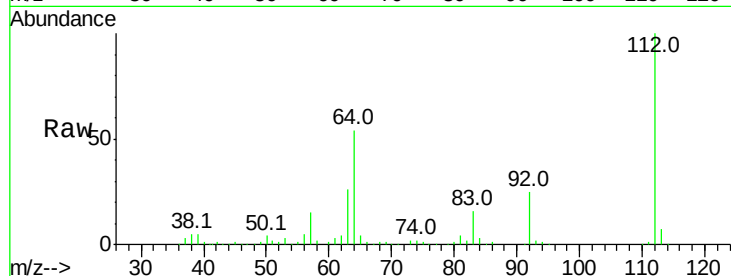




#5
 2-Fluorophenol
 Concen: 82.18 ng
 RT: 5.66 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

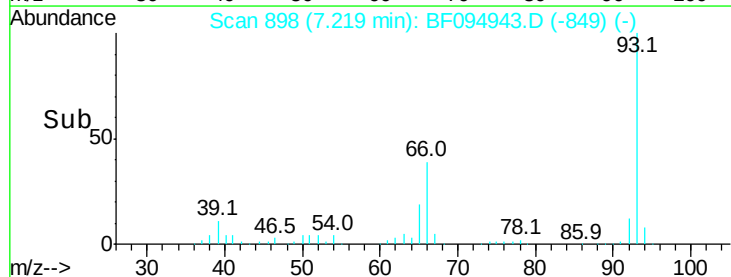
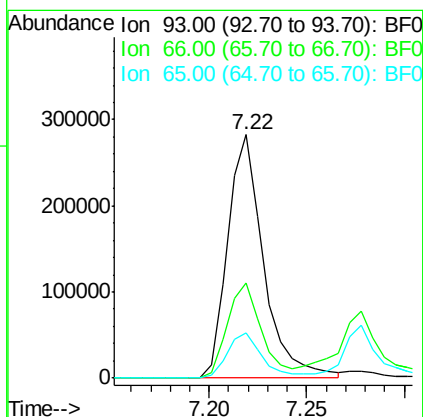
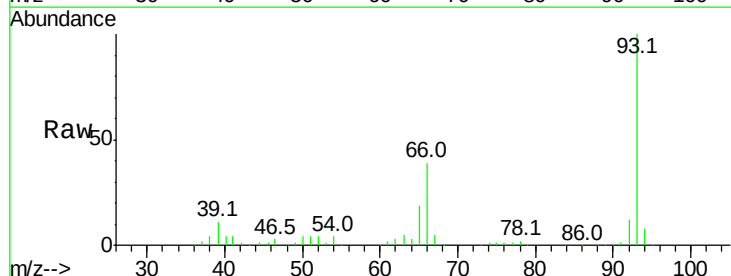
Instrument :
 BNA_F
 ClientSampleId :

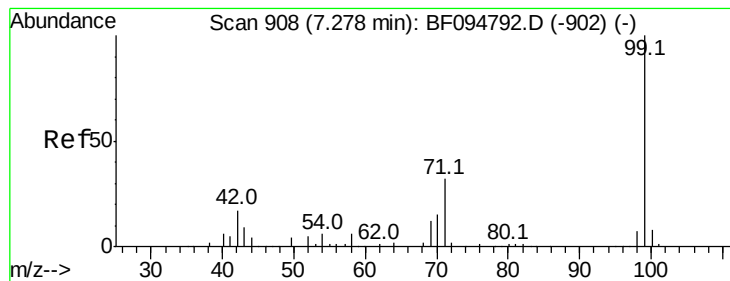
Tot Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.0	69.0
63	26.0	23.4	35.0



#6
 Aniline
 Concen: 43.00 ng
 RT: 7.22 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.1	32.9	49.3
65	18.6	16.0	24.0





#7

Phenol-d6

Concen: 84.02 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampled :

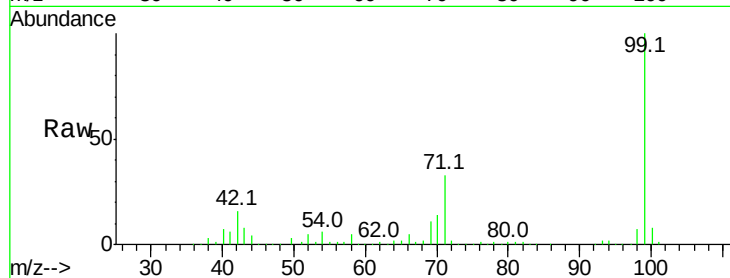
Tot Ion: 99 Resp: 557526

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

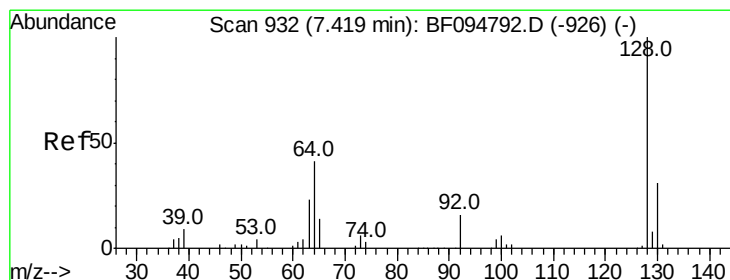
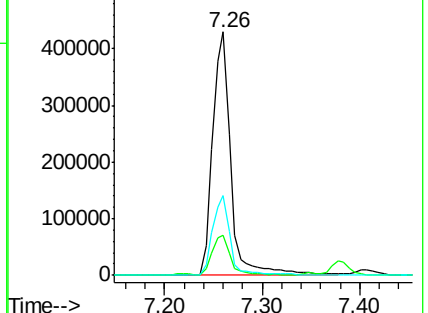
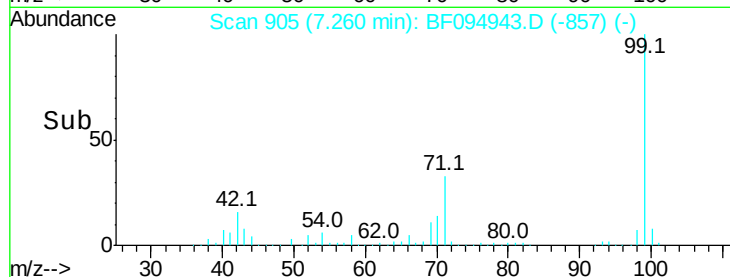
71 32.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.82 ng

RT: 7.41 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

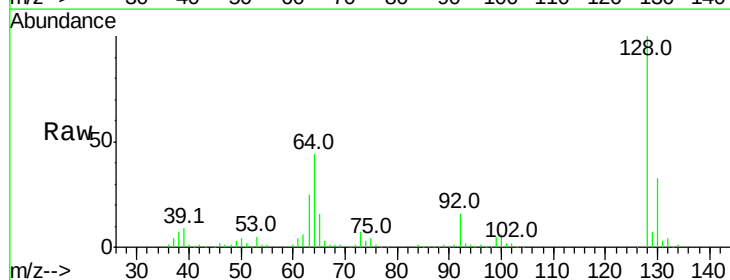
Tgt Ion:128 Resp: 269536

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

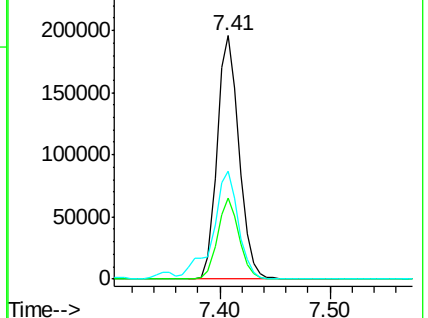
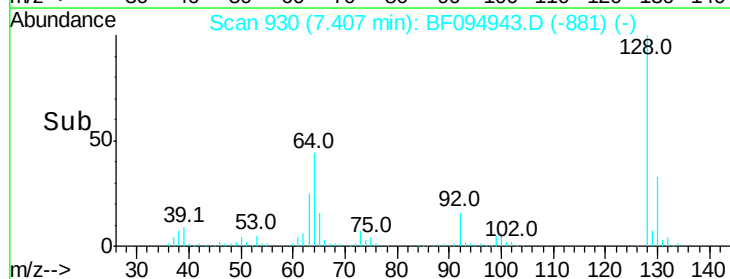
64 44.3 28.4 68.4

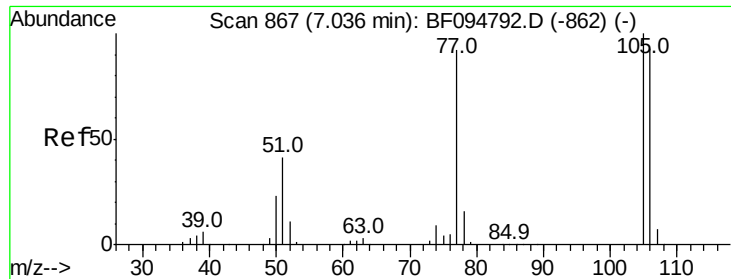


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.21 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

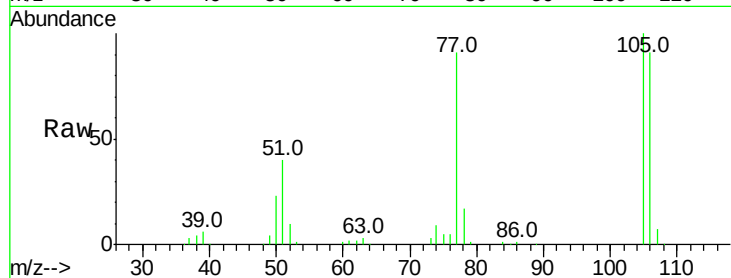
Tot Ion: 77 Resp: 171034

Ion Ratio Lower Upper

77 100

105 109.4 83.8 123.8

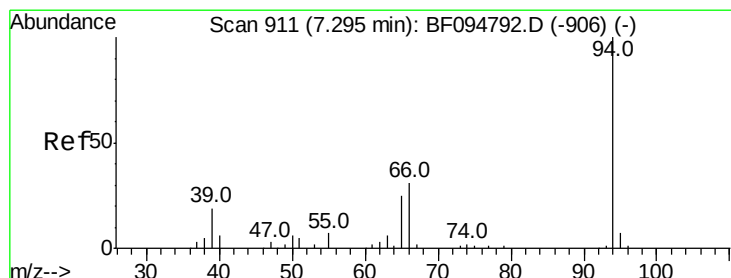
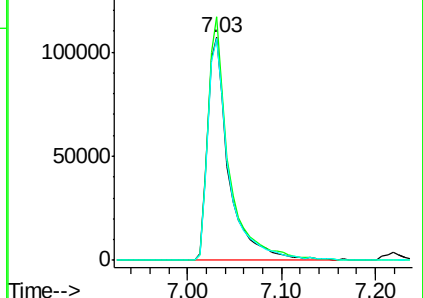
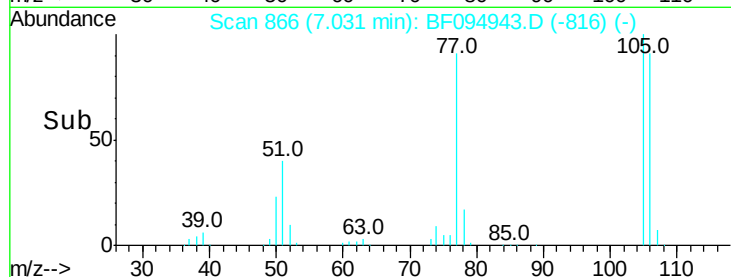
106 99.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.97 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

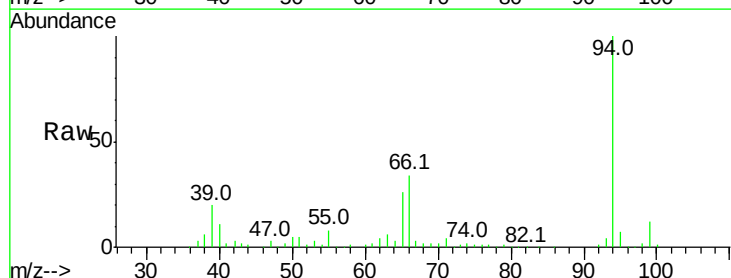
Tgt Ion: 94 Resp: 293464

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

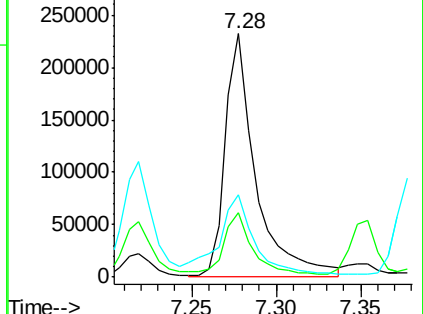
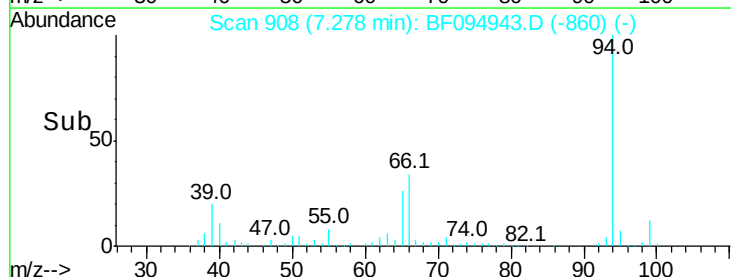
66 33.6 23.1 63.1

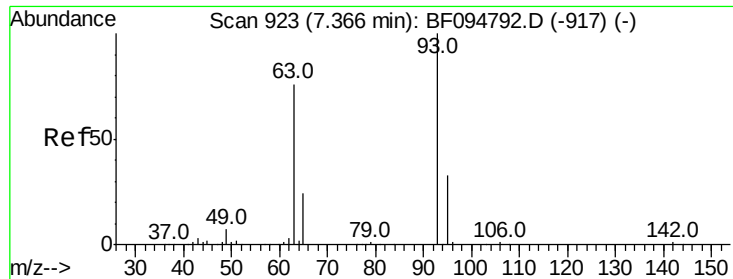


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.38 ng

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

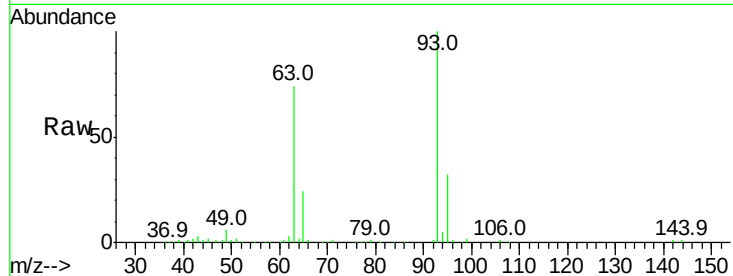
Tot Ion: 93 Resp: 244624

Ion Ratio Lower Upper

93 100

63 73.8 59.2 99.2

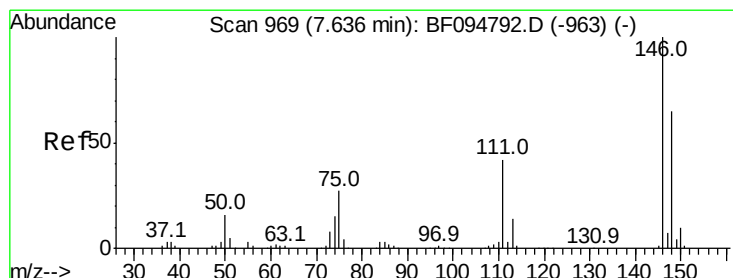
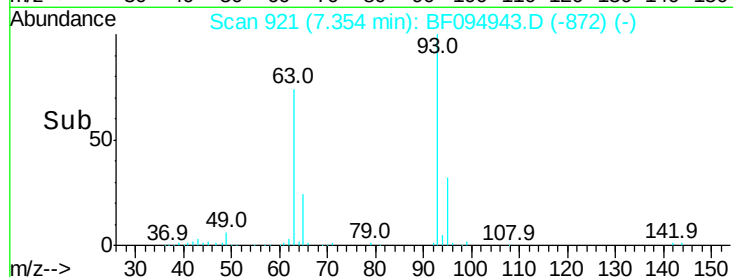
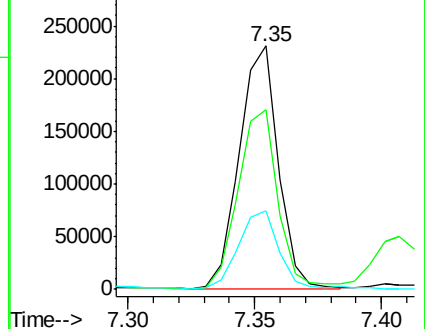
95 32.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.10 ng

RT: 7.62 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

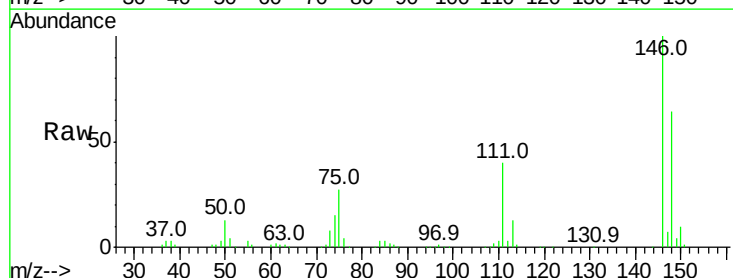
Tgt Ion: 146 Resp: 300590

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

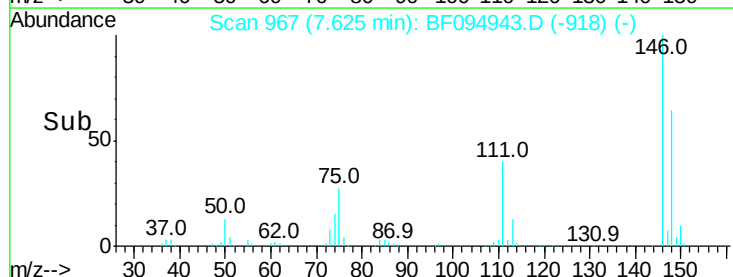
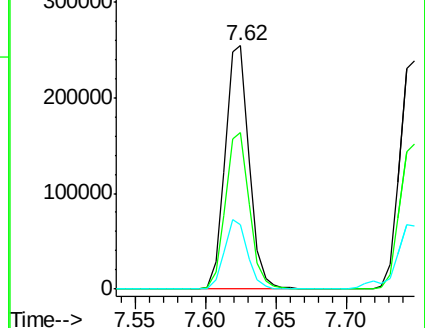
75 26.6 23.1 34.7

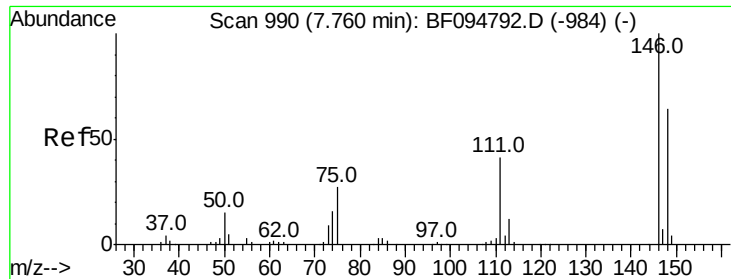


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

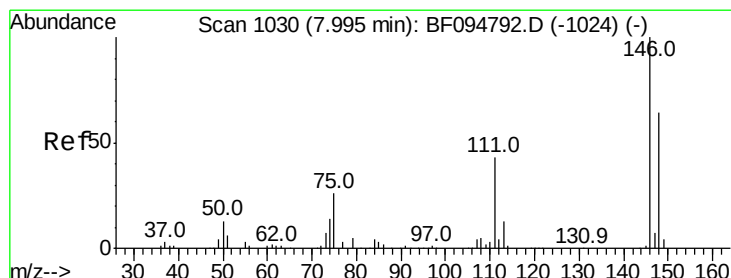
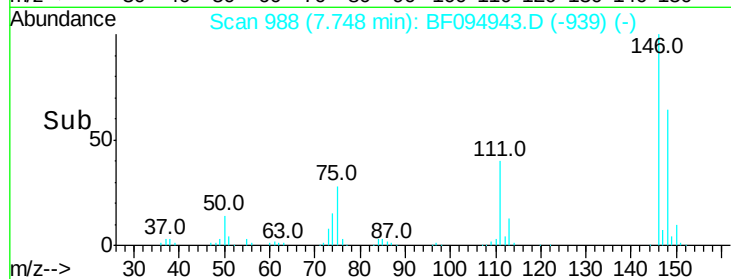
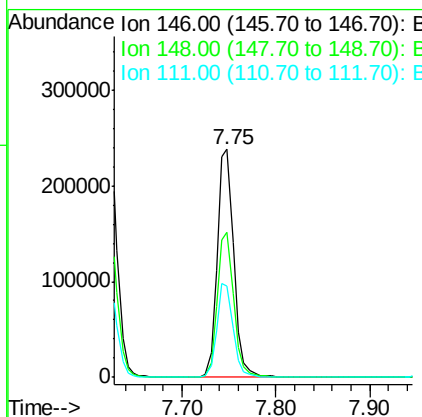
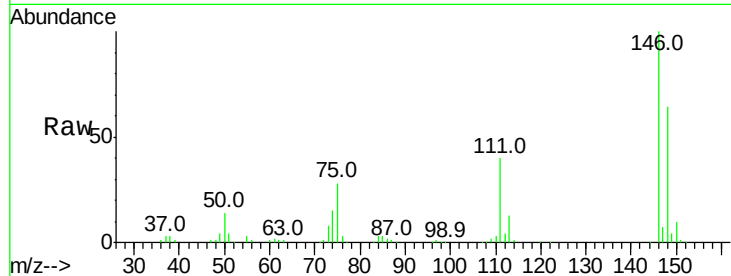




#13
 1,4-Dichlorobenzene
 Concen: 40.66 ng
 RT: 7.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

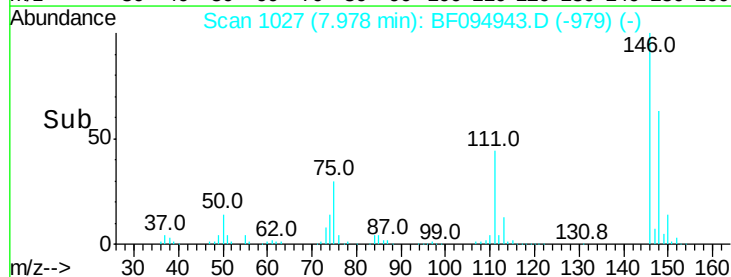
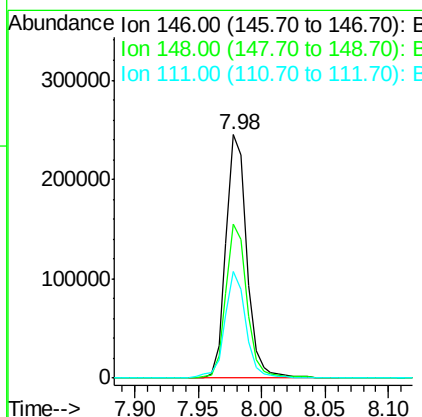
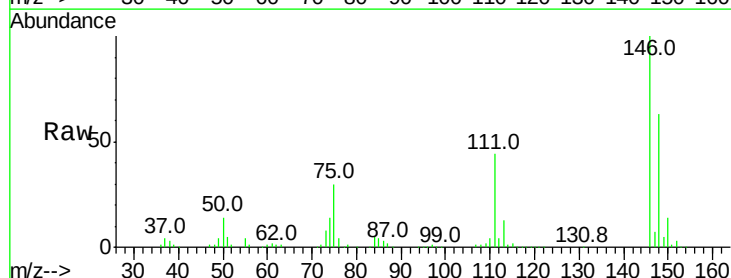
Instrument :
 BNA_F
 ClientSampleId :

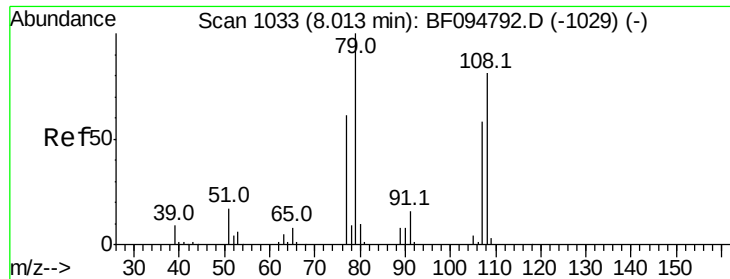
Tot Ion:146 Resp: 294423
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 40.3 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.56 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion:146 Resp: 280897
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 43.6 38.2 57.4

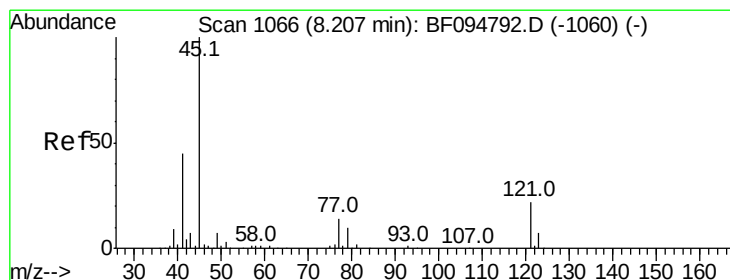
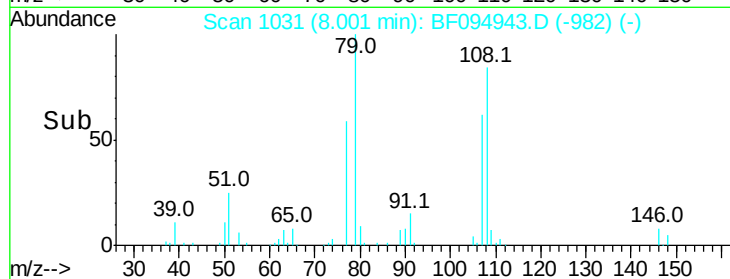
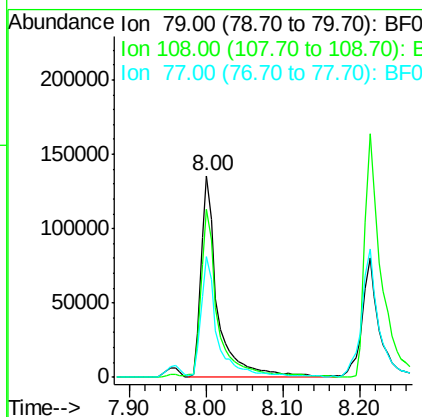
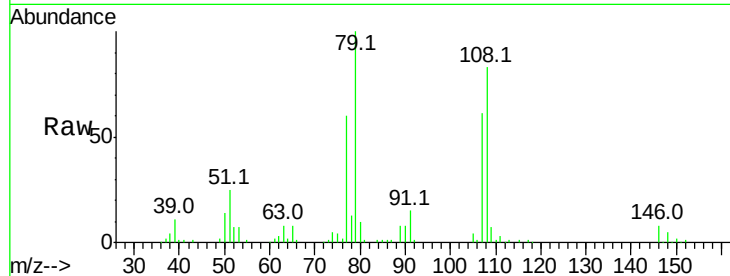




#15
Benzyl Alcohol
Concen: 48.22 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

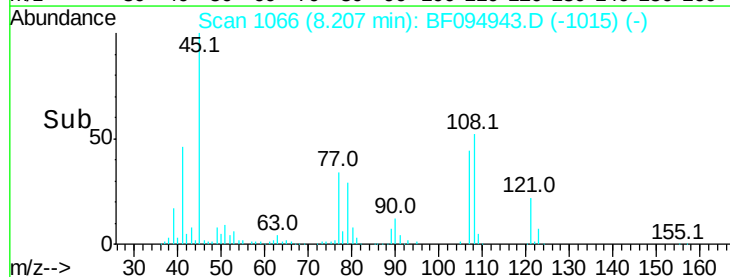
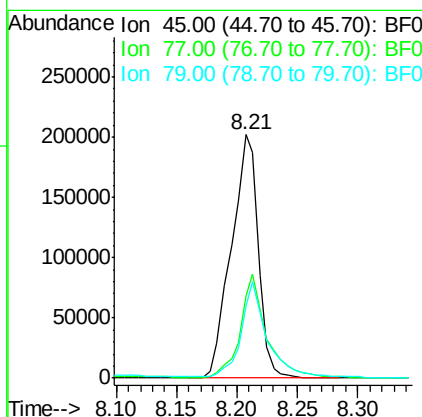
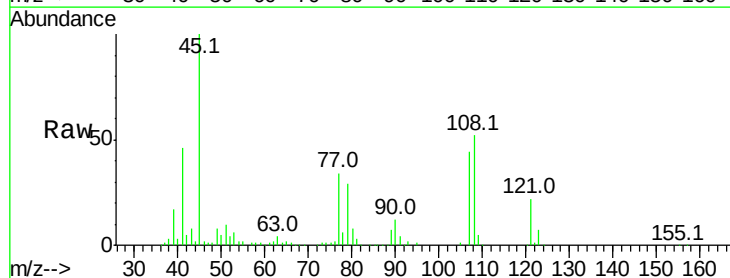
Instrument :
BNA_F
ClientSampleId :

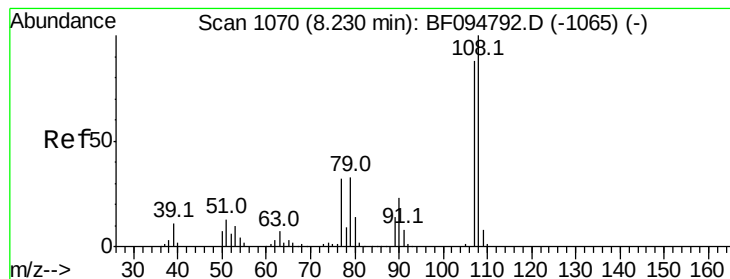
Tot Ion: 79 Resp: 205790
Ion Ratio Lower Upper
79 100
108 83.1 63.4 95.0
77 59.6 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.37 ng
RT: 8.21 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

Tgt Ion: 45 Resp: 313514
Ion Ratio Lower Upper
45 100
77 33.9 0.0 33.2#
79 29.4 0.0 30.0





#17

2-Methylphenol

Concen: 41.18 ng

RT: 8.21 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 212152

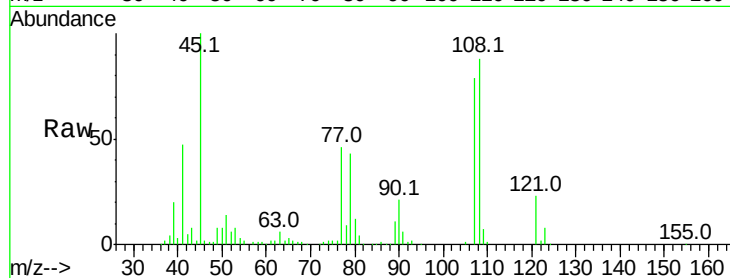
Ion Ratio Lower Upper

107 100

108 110.8 93.4 140.0

77 58.2 35.8 53.6#

79 54.3 34.8 52.2#

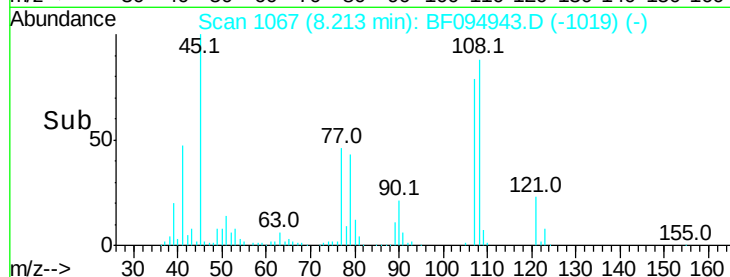


Abundance Ion 107.00 (106.70 to 107.70): E

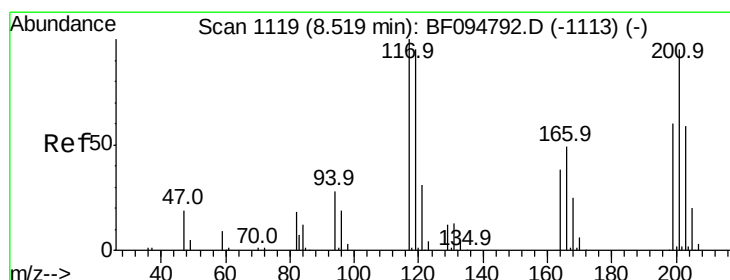
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time--> 8.10 8.20 8.30 8.40



#18

Hexachloroethane

Concen: 41.11 ng

RT: 8.50 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

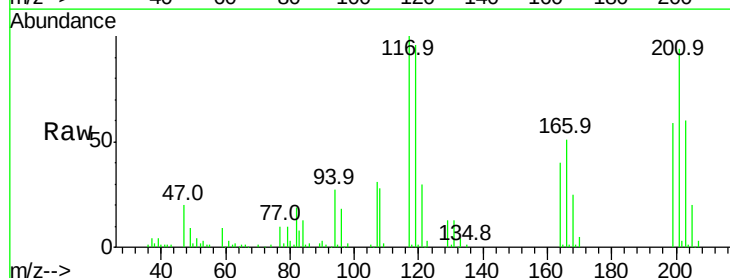
Tgt Ion:117 Resp: 100841

Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.0

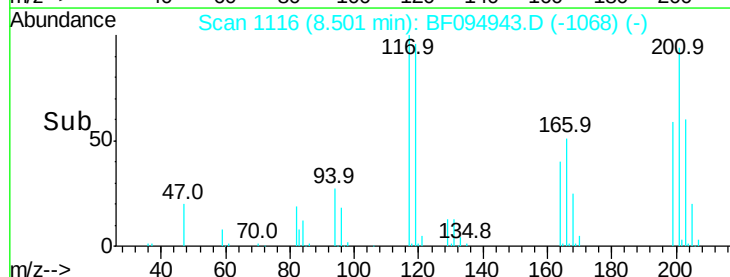
201 94.2 94.6 141.8#



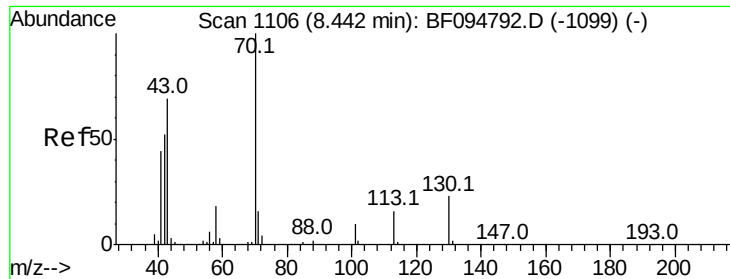
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



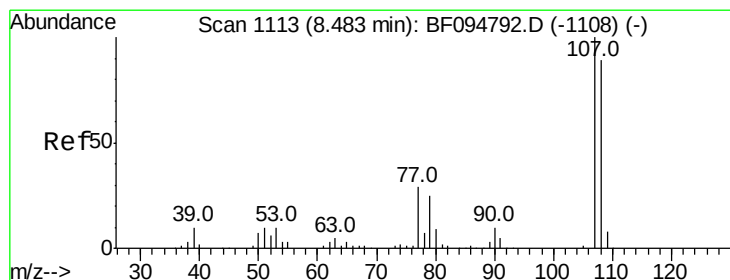
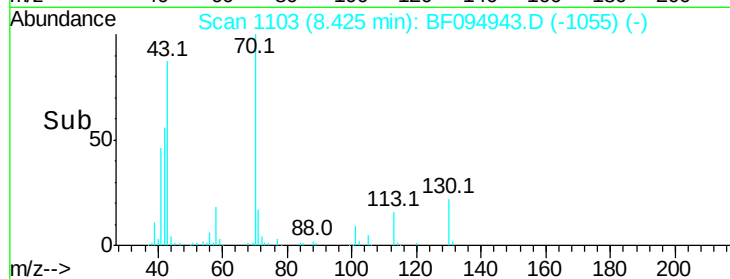
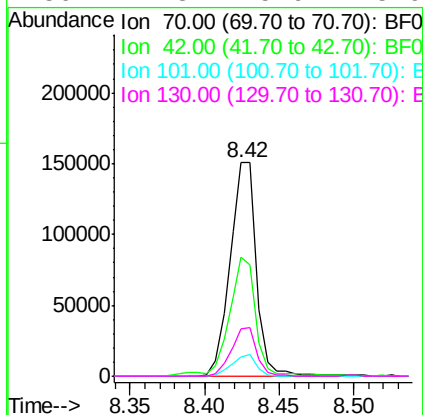
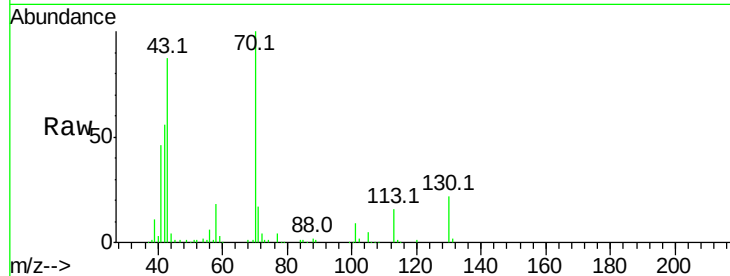
Time--> 8.45 8.50 8.55



#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

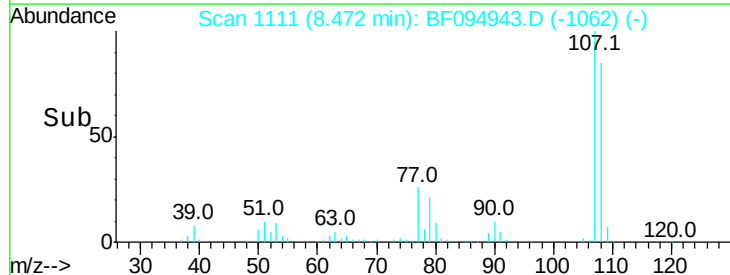
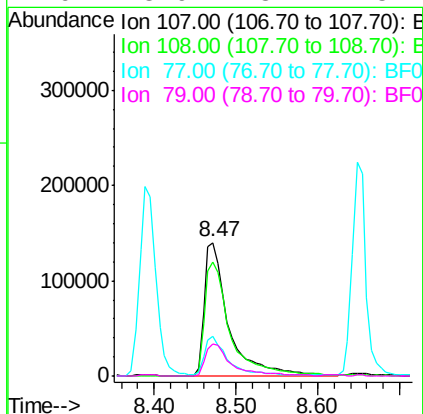
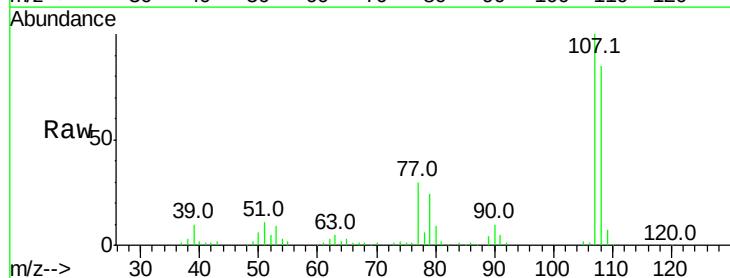
Instrument :
BNA_F
ClientSampleId :

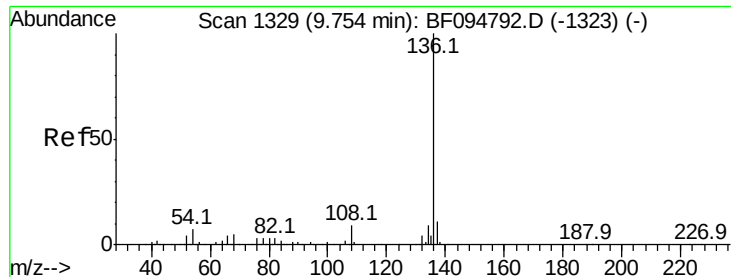
Tot Ion: 70 Resp: 187603
Ion Ratio Lower Upper
70 100
42 55.8 47.2 70.8
101 9.3 7.2 10.8
130 22.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.63 ng
RT: 8.47 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

Tgt Ion:107 Resp: 291395
Ion Ratio Lower Upper
107 100
108 85.2 71.0 111.0
77 29.5 90.5 130.5#
79 23.9 8.4 48.4

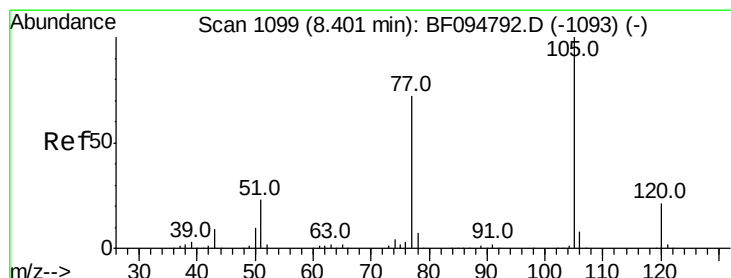
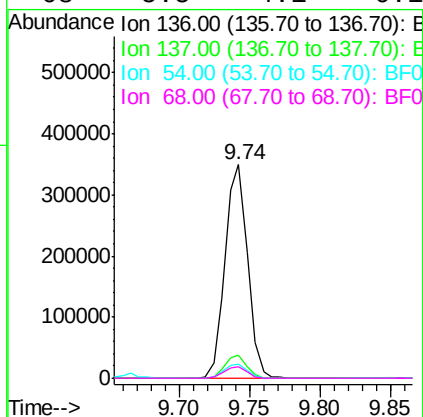
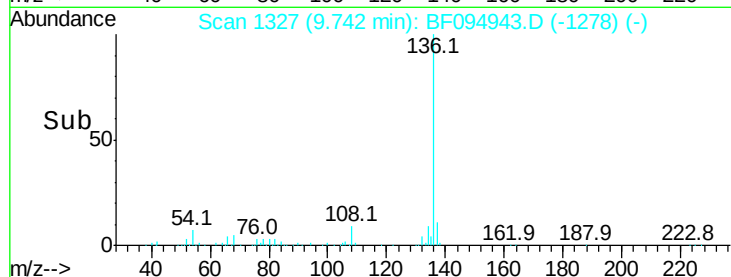
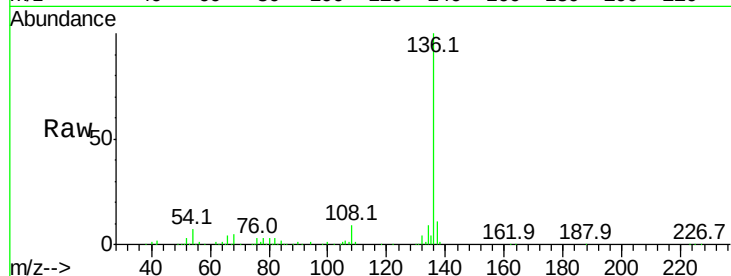




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

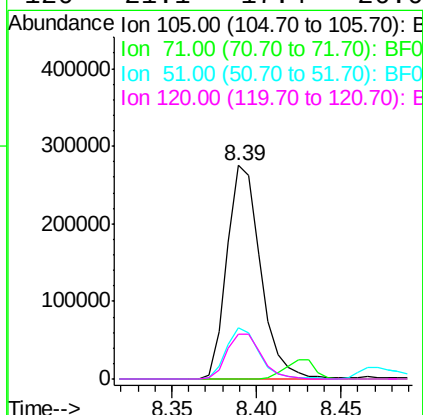
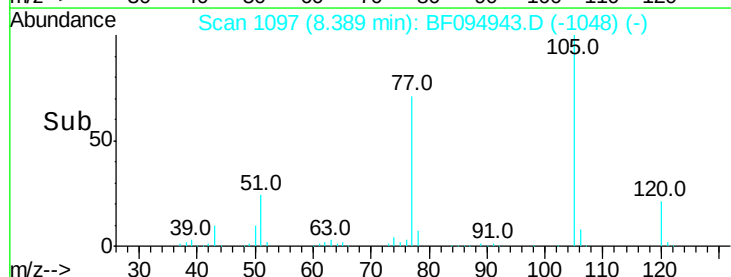
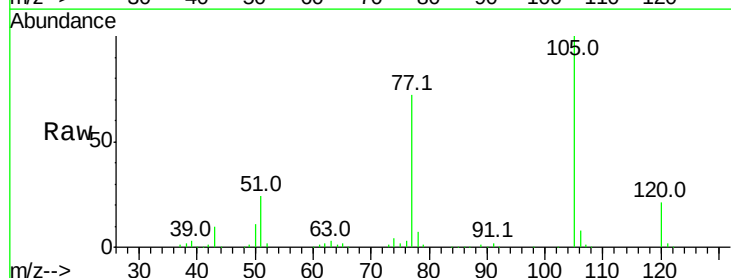
Instrument :
BNA_F
ClientSampled :

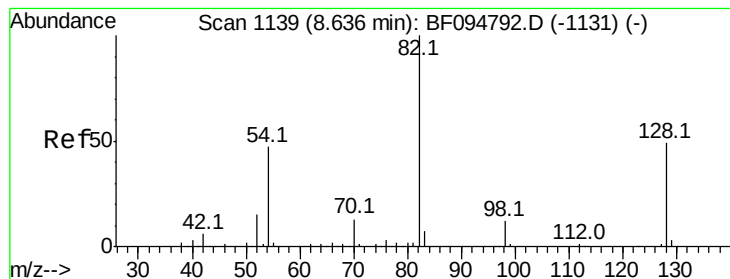
Tot Ion:136	Resp:	386389
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	6.7	4.9 7.3
68	5.5	4.1 6.1



#22
Acetophenone
Concen: 41.07 ng
RT: 8.39 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

Tgt Ion:105	Resp:	380724
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	24.2	30.7 46.1#
120	21.1	17.4 26.0





#23

Nitrobenzene-d5

Concen: 81.30 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

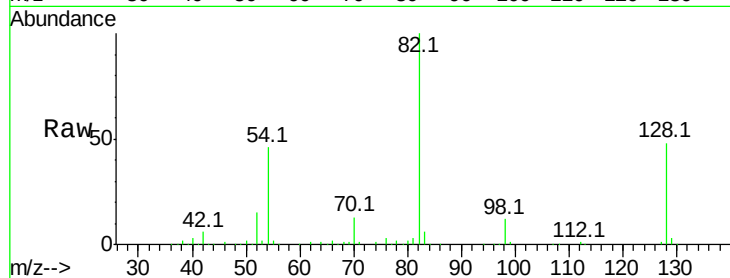
Tot Ion: 82 Resp: 498171

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

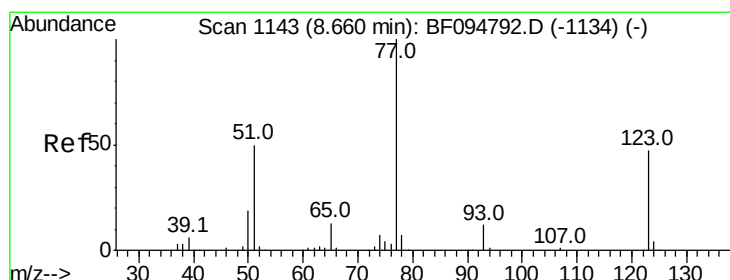
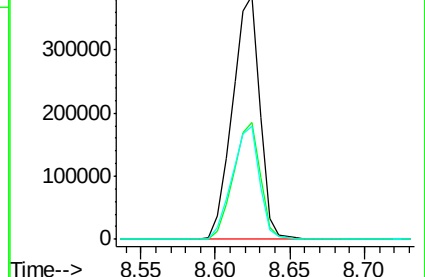
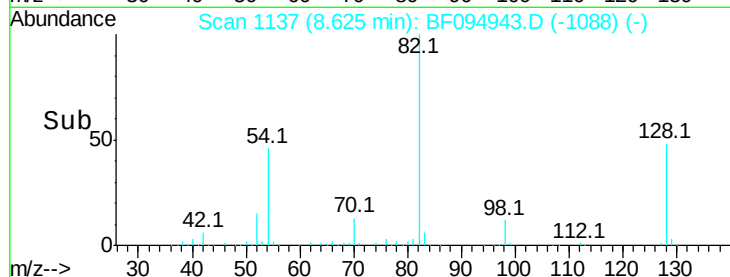
54 46.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.04 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

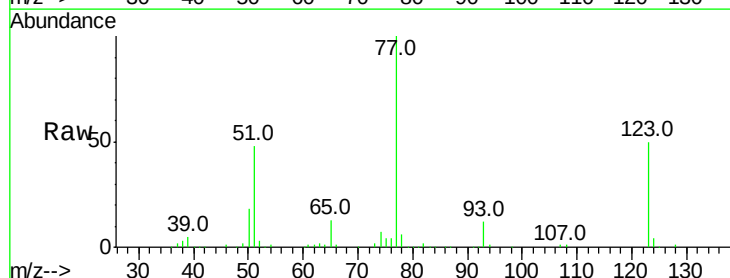
Tgt Ion: 77 Resp: 263562

Ion Ratio Lower Upper

77 100

123 49.5 35.8 53.8

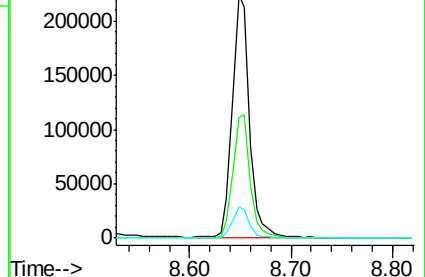
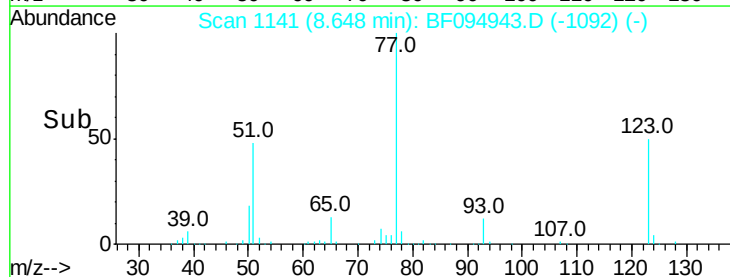
65 12.7 10.6 15.8

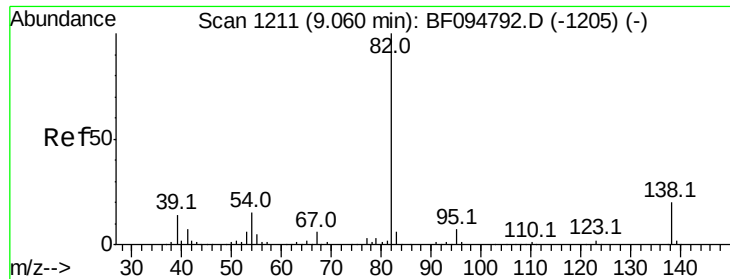


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.32 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

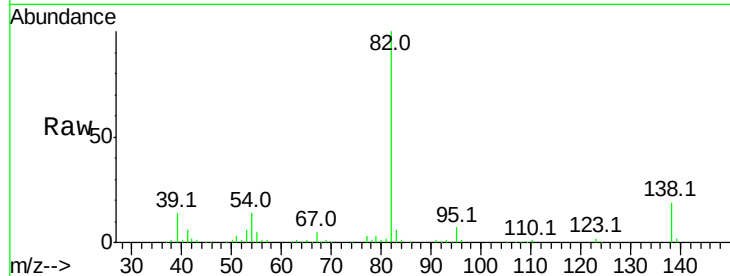
Tot Ion: 82 Resp: 495836

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

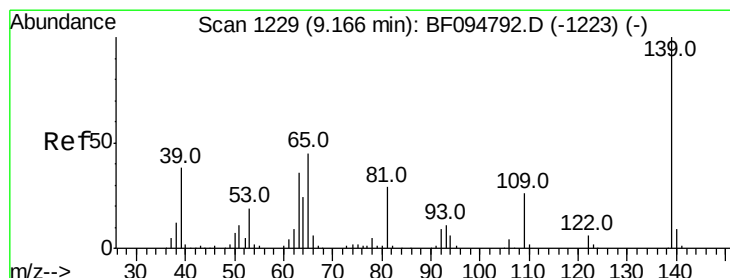
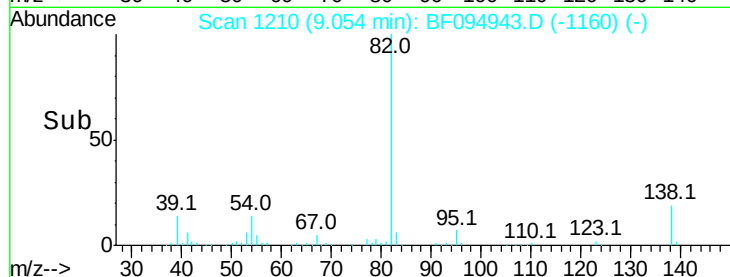
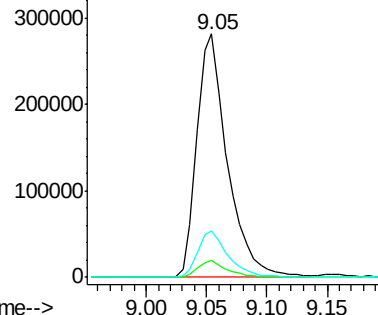
138 19.2 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.05 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

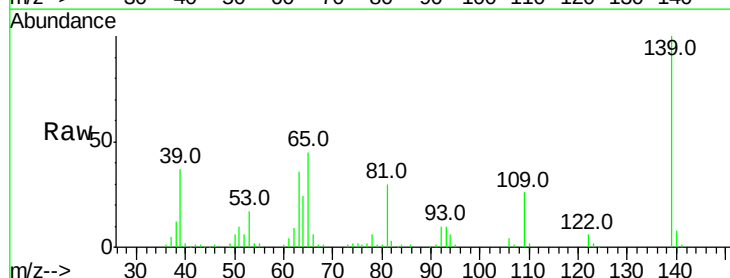
Tgt Ion: 139 Resp: 152672

Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.6

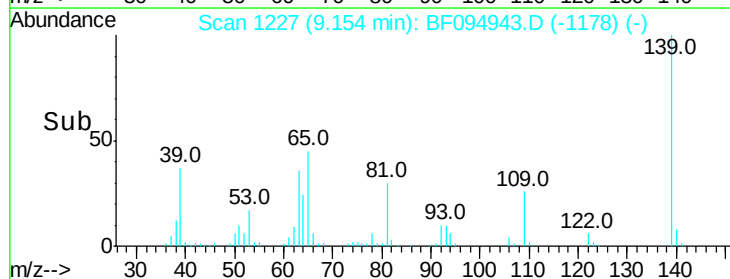
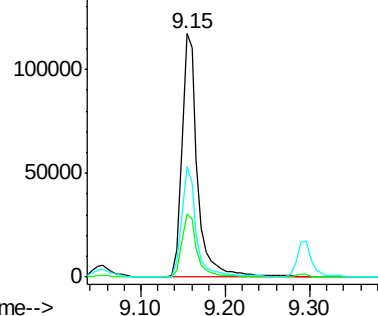
65 45.2 33.0 49.6

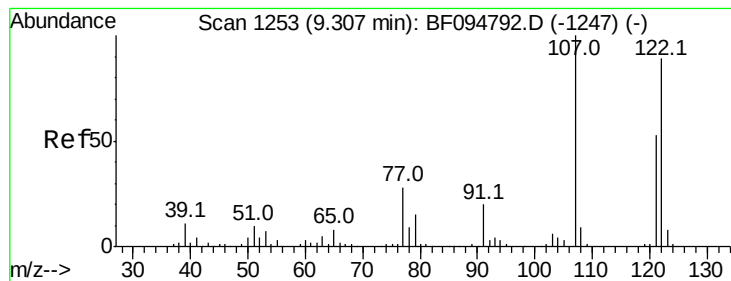


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.32 ng

RT: 9.30 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

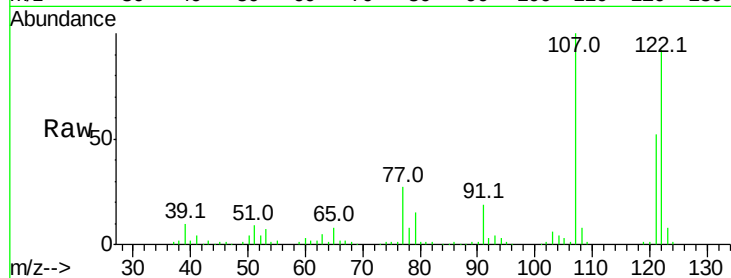
Tot Ion:122 Resp: 242726

Ion Ratio Lower Upper

122 100

107 108.2 89.2 133.8

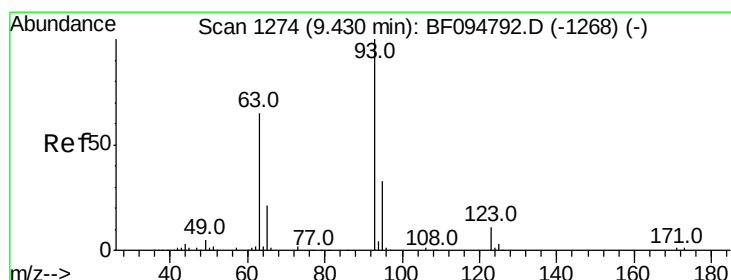
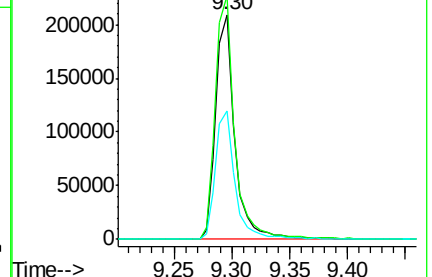
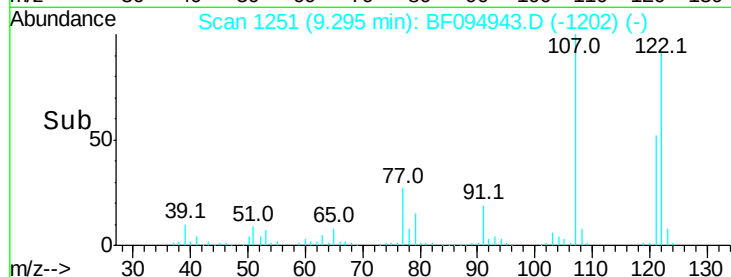
121 56.8 45.2 67.8



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: 41.32 ng

RT: 9.42 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

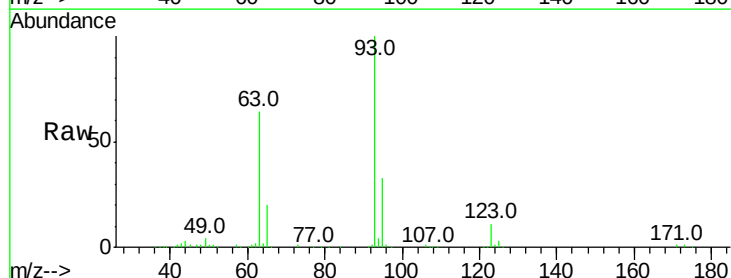
Tgt Ion: 93 Resp: 312771

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

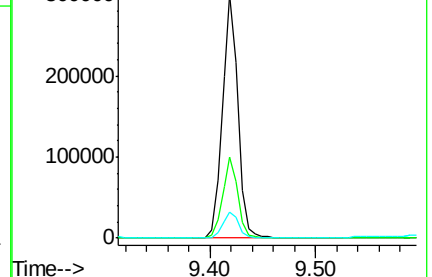
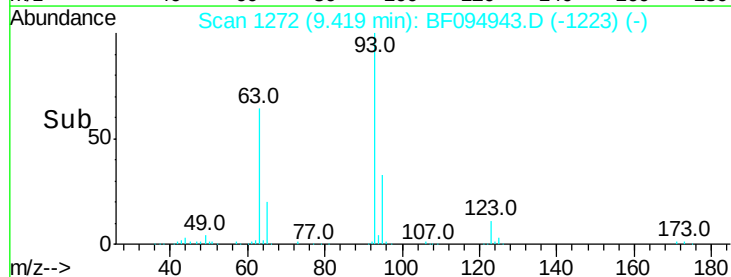
123 10.9 9.0 13.4

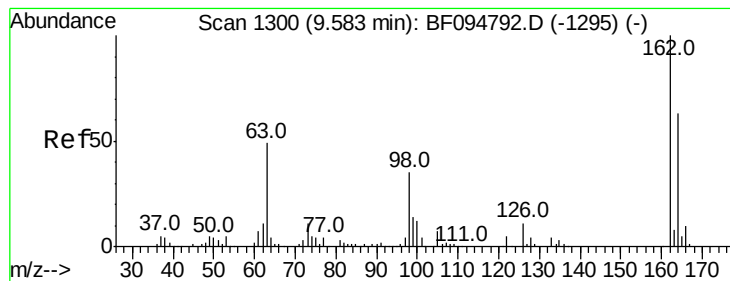


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.00 ng

RT: 9.57 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampled :

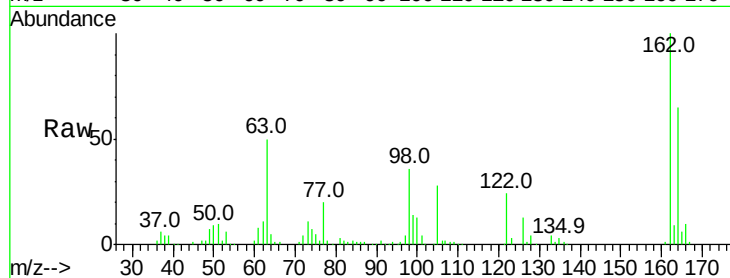
Tot Ion:162 Resp: 216903

Ion Ratio Lower Upper

162 100

164 65.0 44.6 84.6

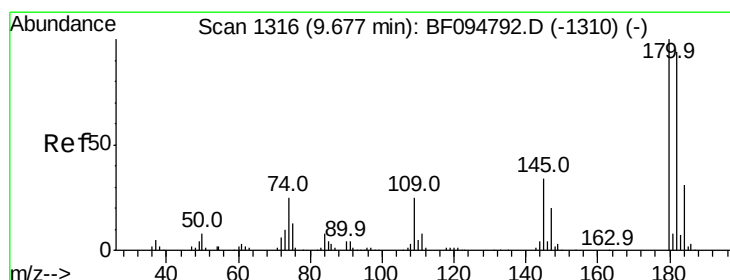
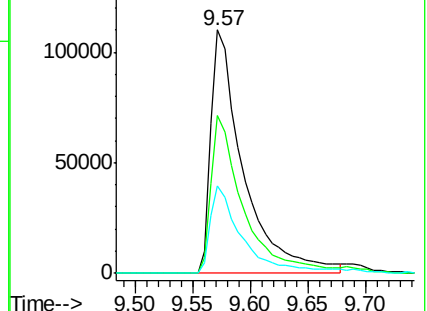
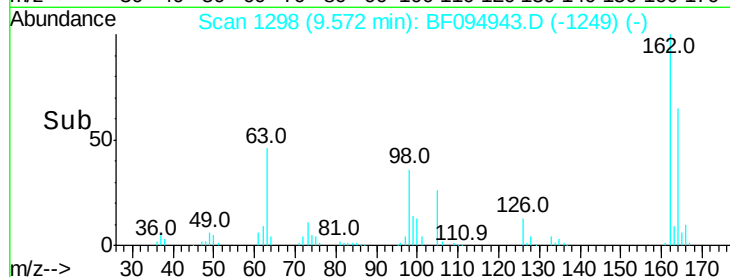
98 36.0 14.8 54.8



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: 39.88 ng

RT: 9.67 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

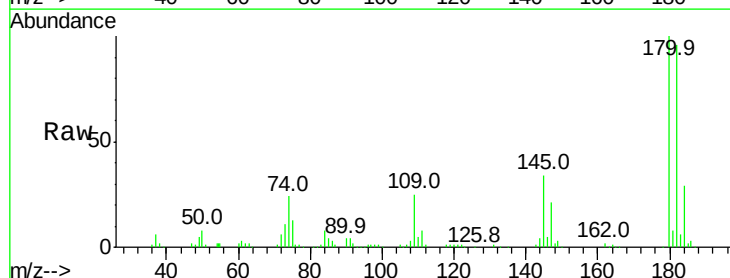
Tgt Ion:180 Resp: 226018

Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.6

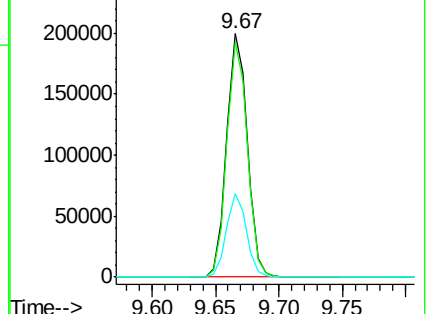
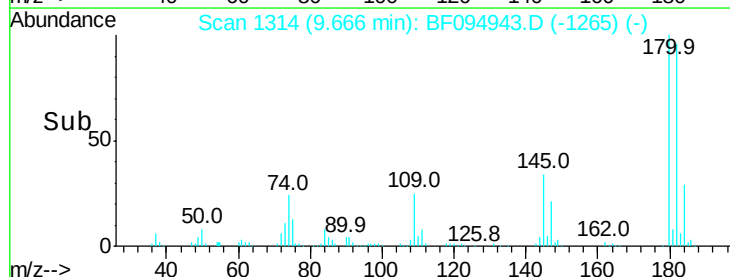
145 34.2 25.3 37.9

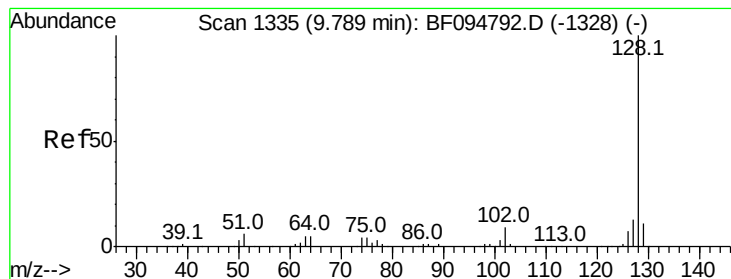


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.92 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampled :

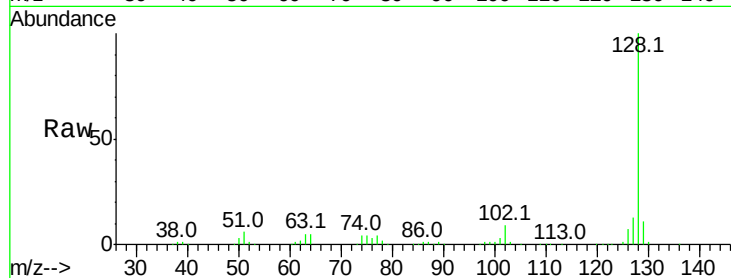
Tot Ion:128 Resp: 775181

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

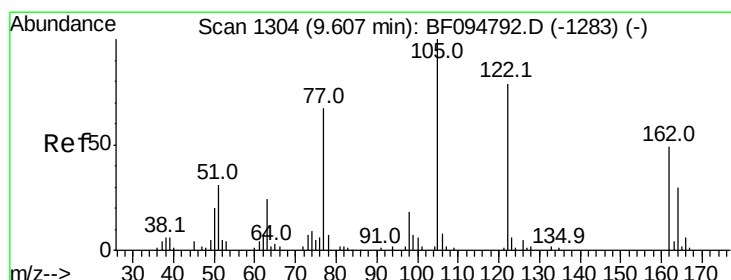
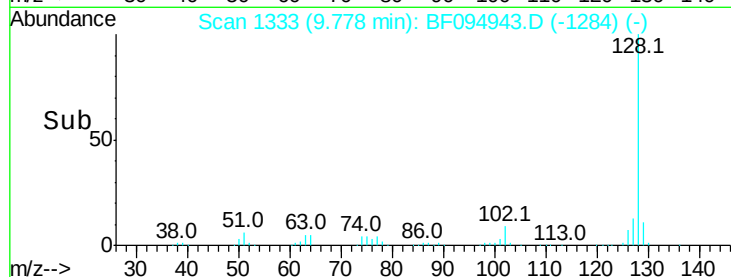
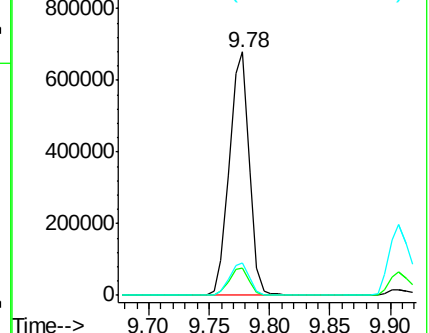
127 13.3 10.8 16.2



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: 38.23 ng

RT: 9.61 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

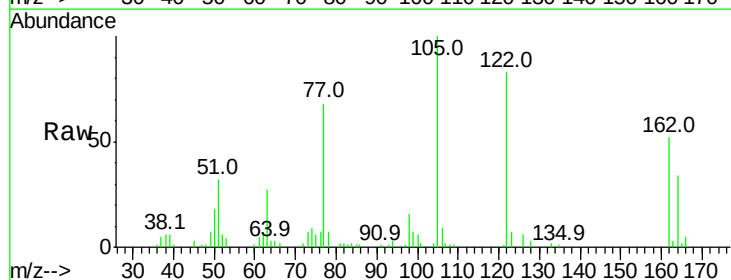
Tgt Ion:122 Resp: 136382

Ion Ratio Lower Upper

122 100

105 121.1 103.3 143.3

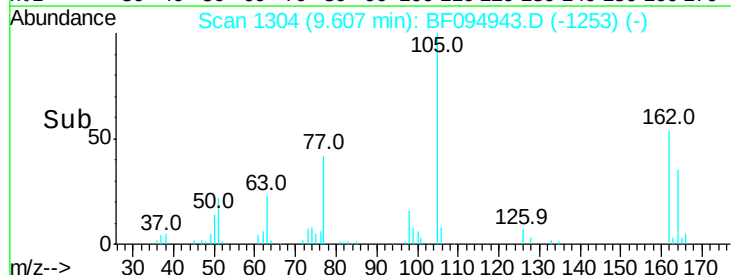
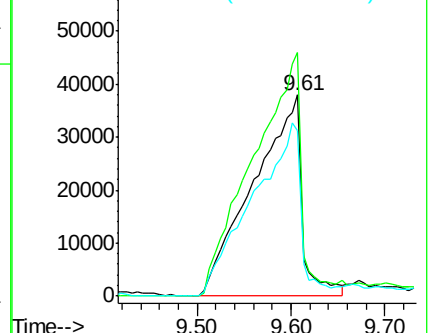
77 82.3 73.7 113.7

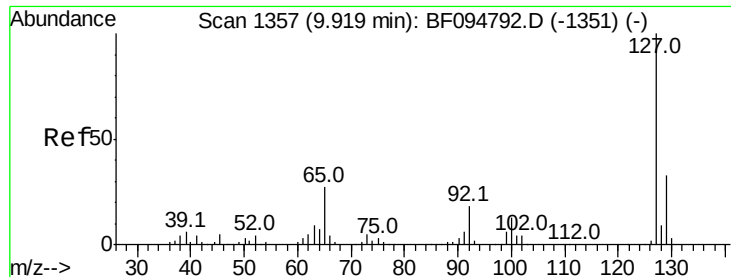


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

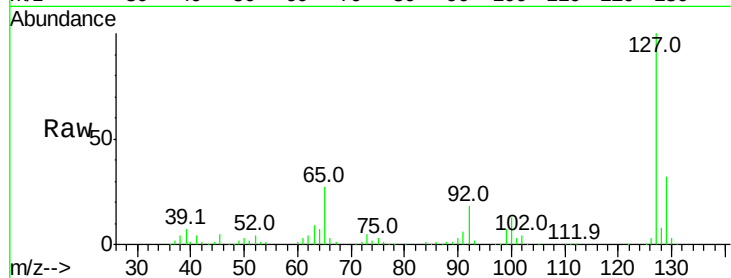




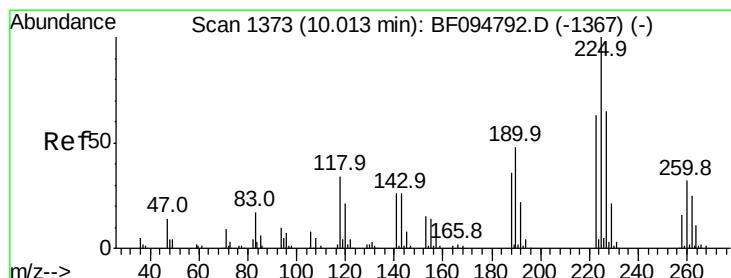
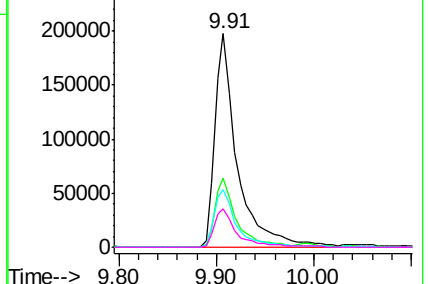
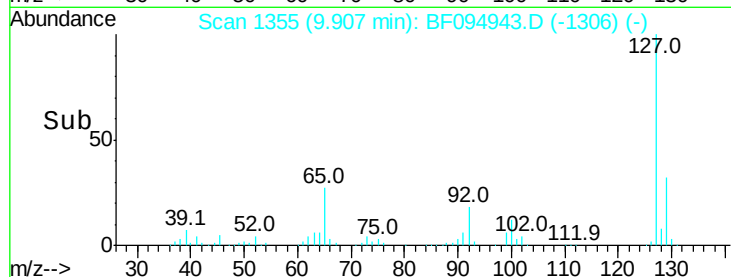
#33
4-Chloroaniline
Concen: 43.38 ng
RT: 9.91 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	313944
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	26.7	27.8	41.8#
92	18.0	16.8	25.2

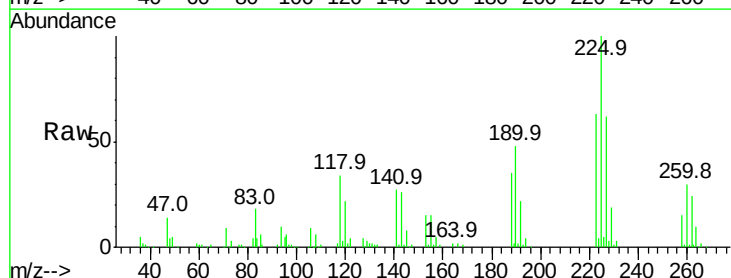


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

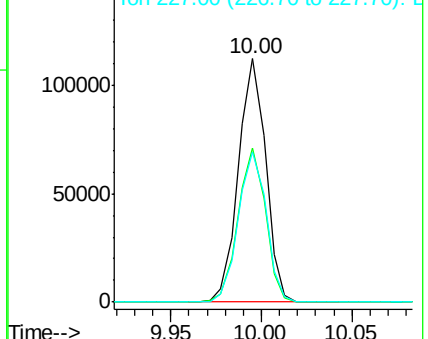
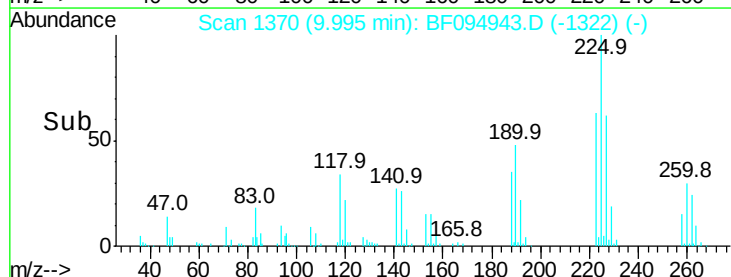


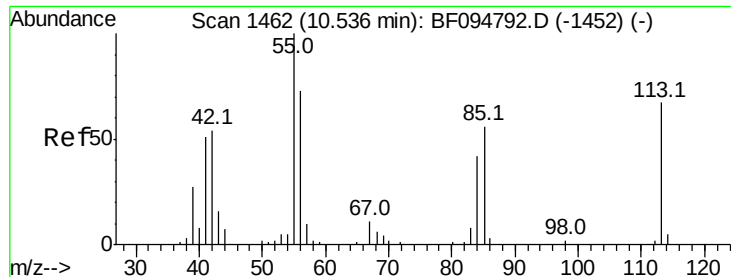
#34
Hexachlorobutadiene
Concen: 39.44 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

Tgt Ion:	225	Resp:	117947
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	61.8	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: 33.34 ng

RT: 10.53 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

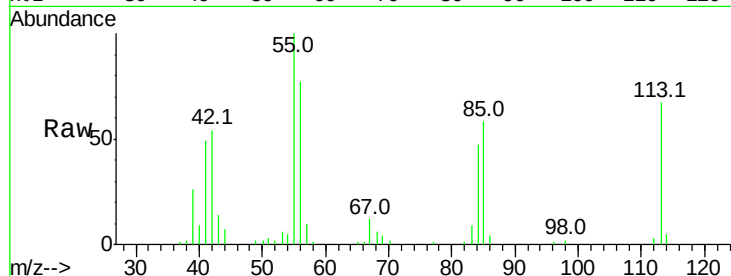
Tot Ion:113 Resp: 52971

Ion Ratio Lower Upper

113 100

55 148.2 150.2 190.2#

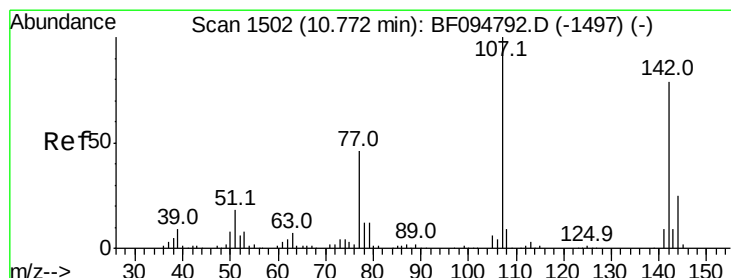
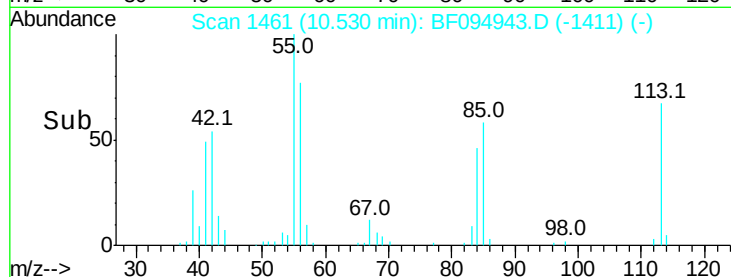
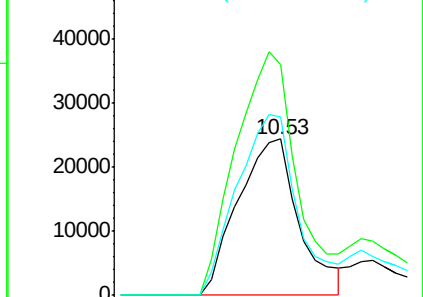
56 114.4 107.8 147.8



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: 42.36 ng

RT: 10.76 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

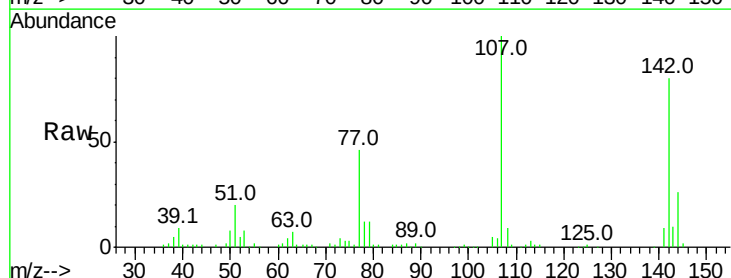
Tgt Ion:107 Resp: 239601

Ion Ratio Lower Upper

107 100

144 25.6 24.2 36.4

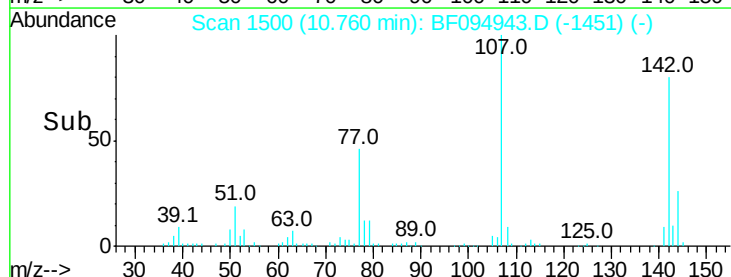
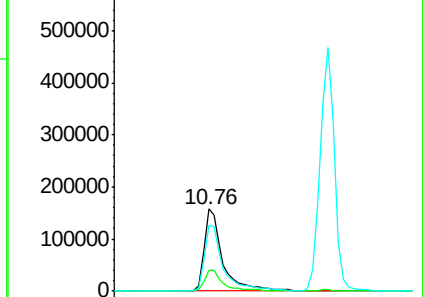
142 79.6 73.4 110.0

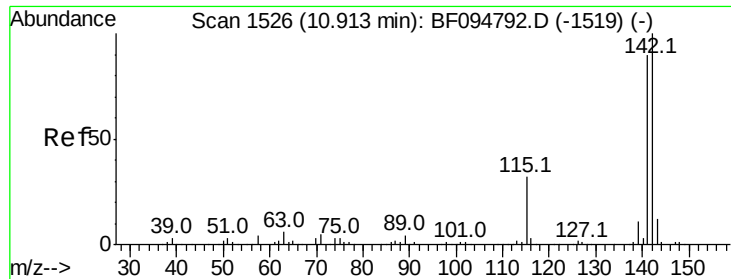


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

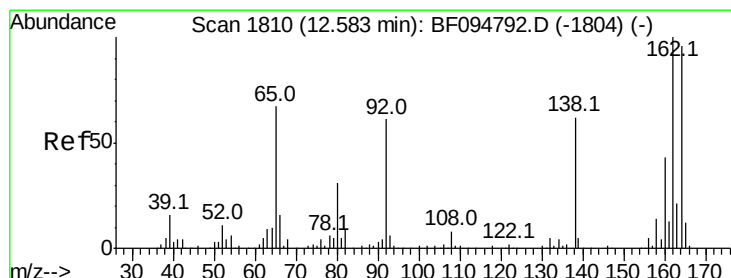
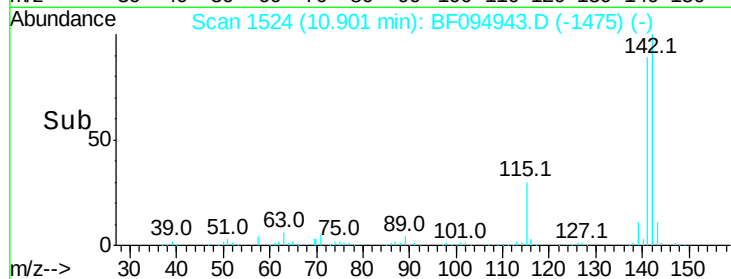
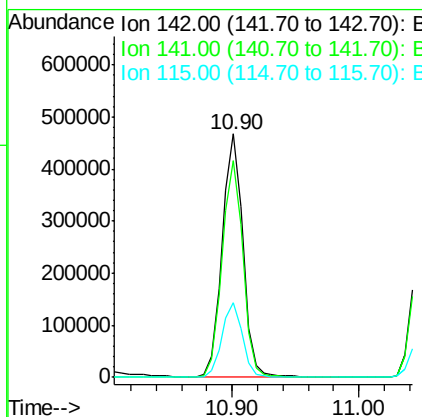
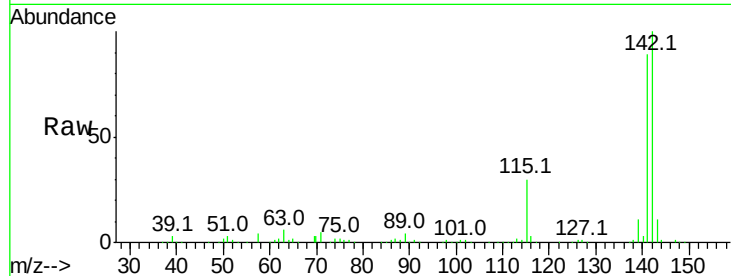




#37
 2-Methylnaphthalene
 Concen: 41.56 ng
 RT: 10.90 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

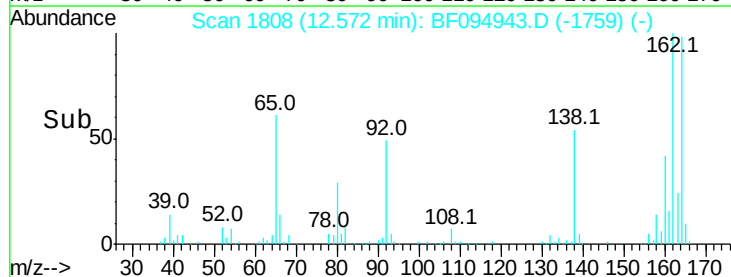
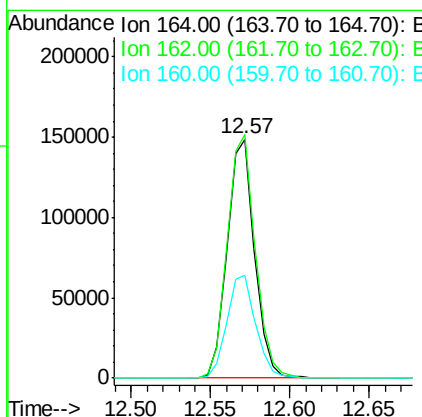
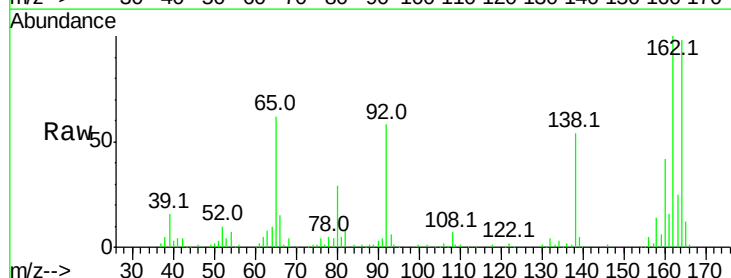
Instrument :
 BNA_F
 ClientSampleId :

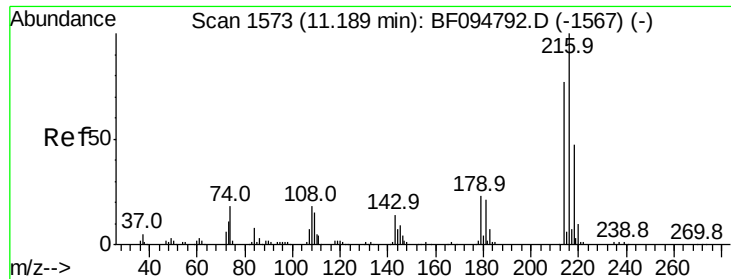
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	30.4	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	42.9	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.64 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 221018

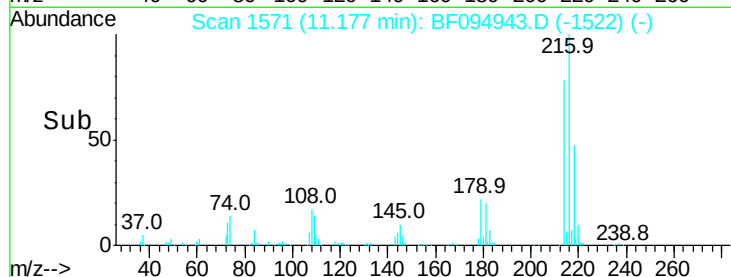
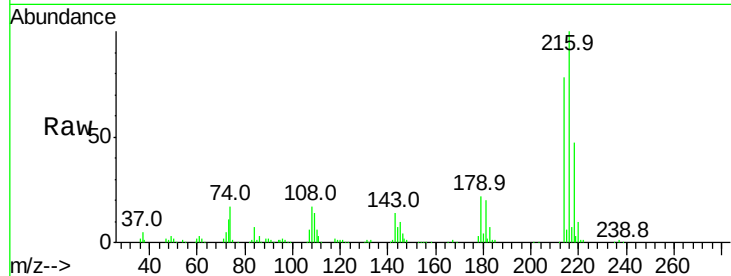
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 21.9 17.9 26.9

108 18.9 16.5 24.7

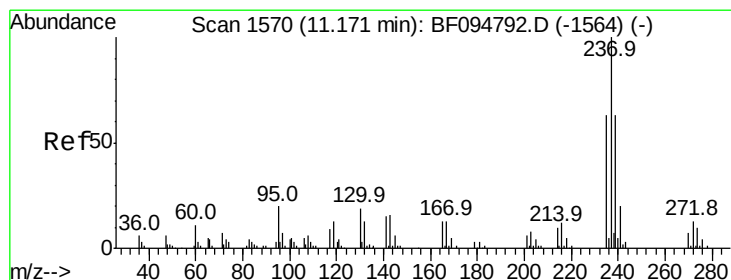
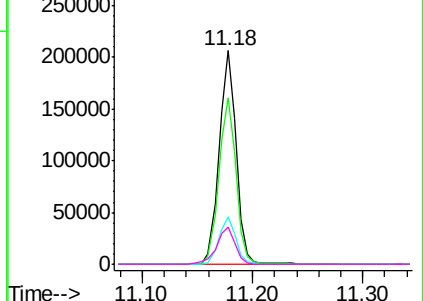


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.96 ng

RT: 11.15 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

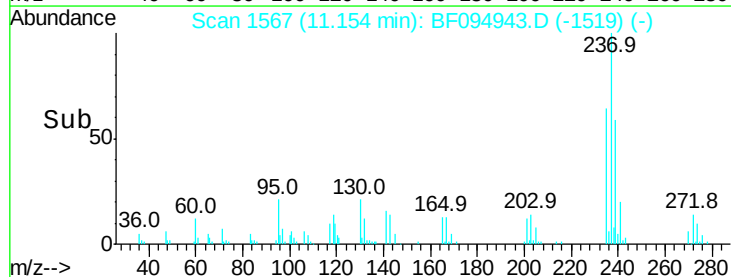
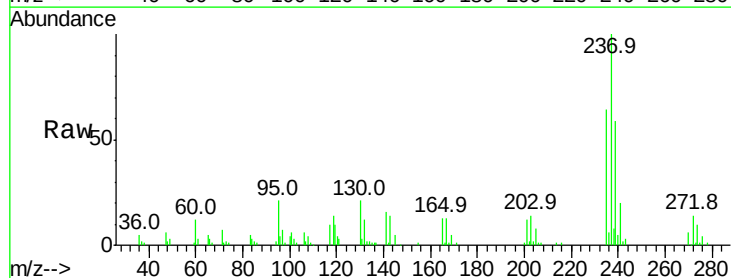
Tgt Ion:237 Resp: 73977

Ion Ratio Lower Upper

237 100

235 63.5 42.6 82.6

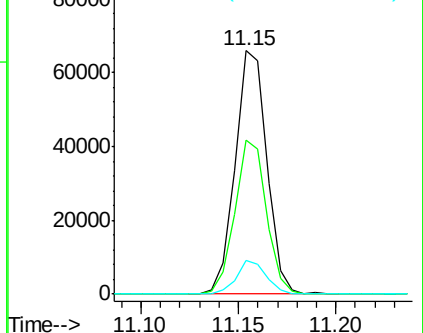
272 13.6 0.0 31.9

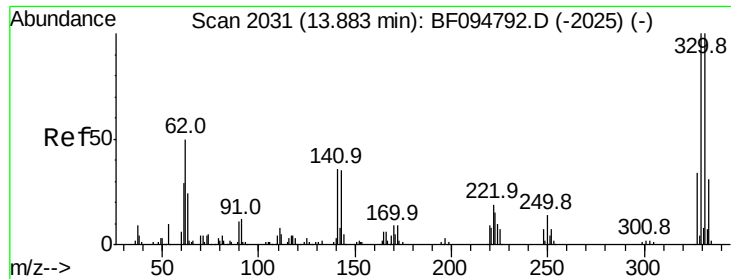


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

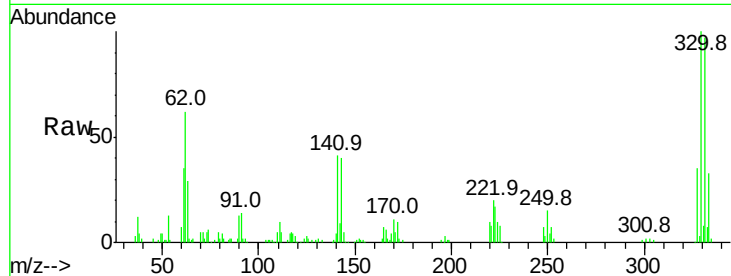




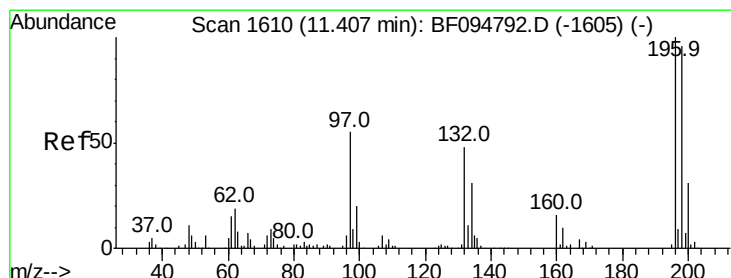
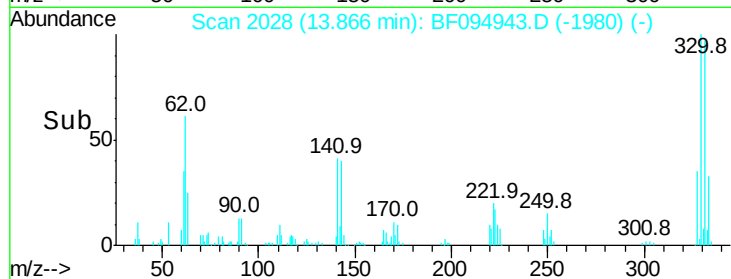
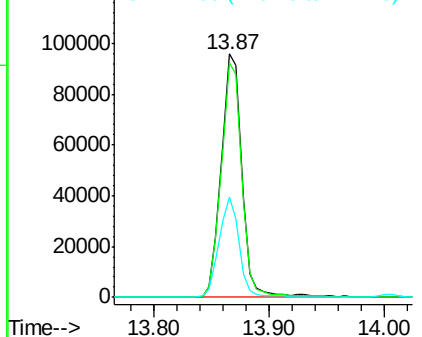
#41
 2,4,6-Tribromophenol
 Concen: 82.57 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 119586
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 39.9 31.4 47.2

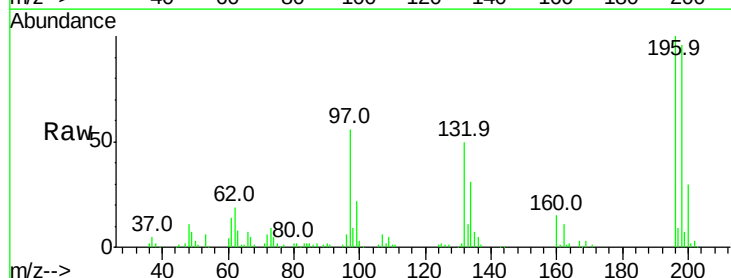


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

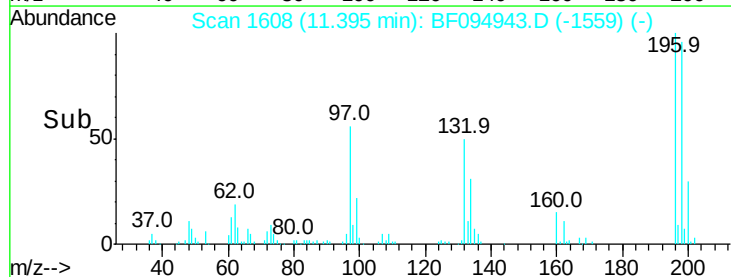
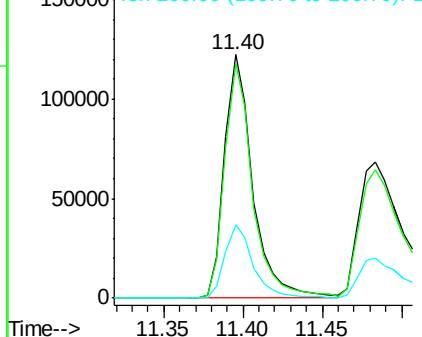


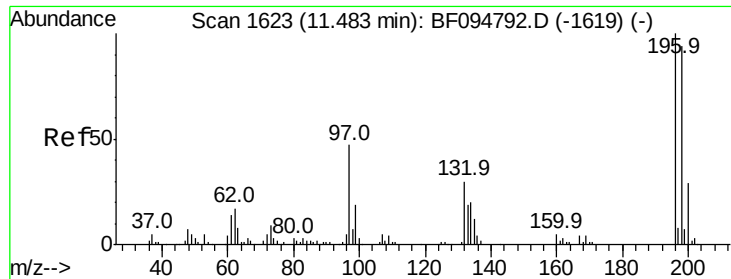
#42
 2,4,6-Trichlorophenol
 Concen: 41.88 ng
 RT: 11.40 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion:196 Resp: 152057
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.2 111.4
 200 30.2 24.0 36.0



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

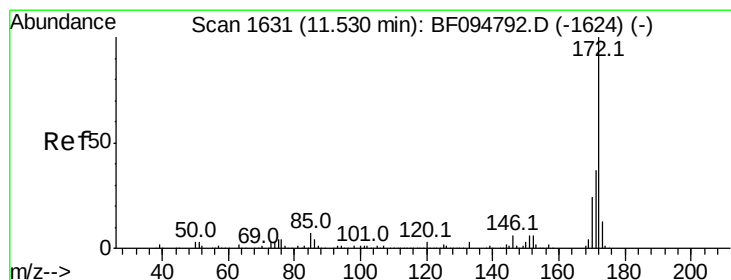
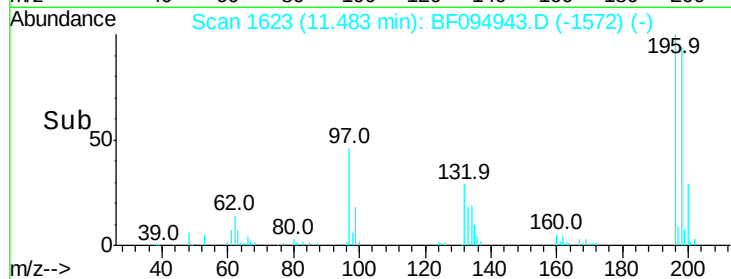
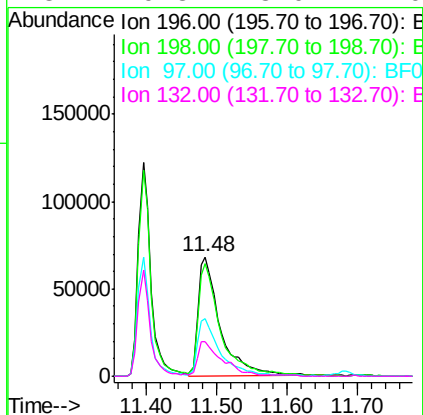
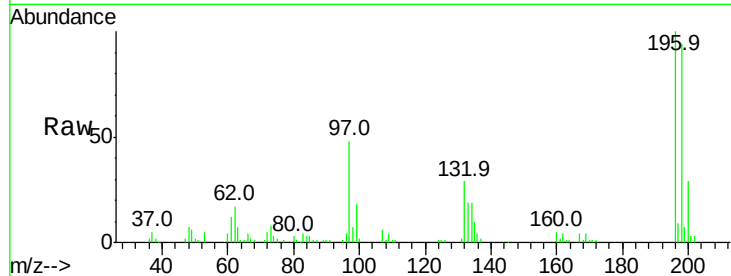




#43
 2,4,5-Trichlorophenol
 Concen: 38.65 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

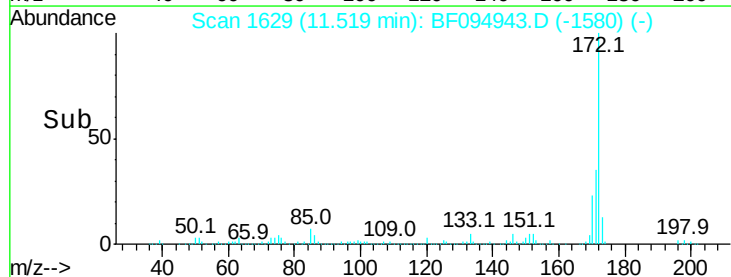
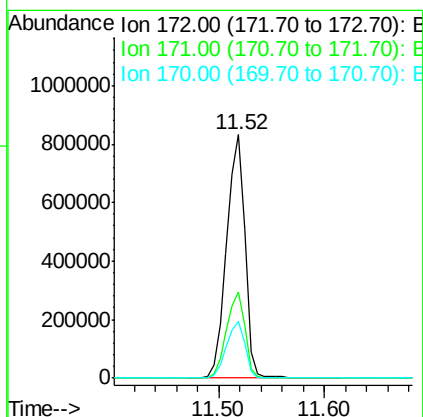
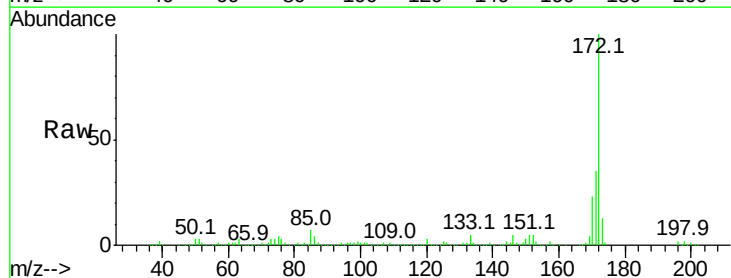
Instrument :
 BNA_F
 ClientSampled :

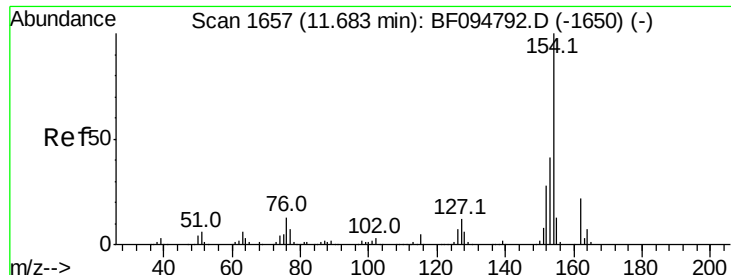
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
97	47.8	47.7	71.5
132	29.3	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 81.65 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.4	19.8	29.8





#45

1,1'-Biphenyl

Concen: 41.23 ng

RT: 11.67 min Scan# 1654

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

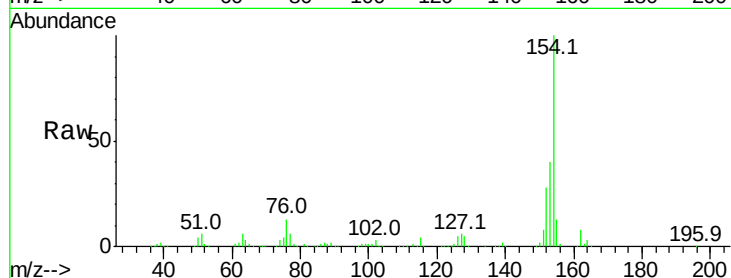
Tot Ion:154 Resp: 613848

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

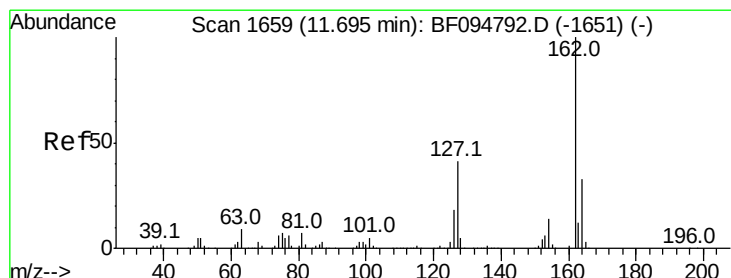
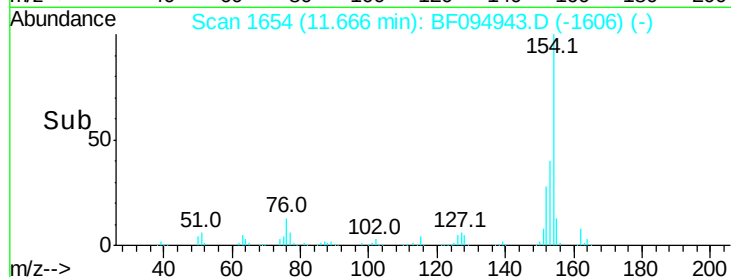
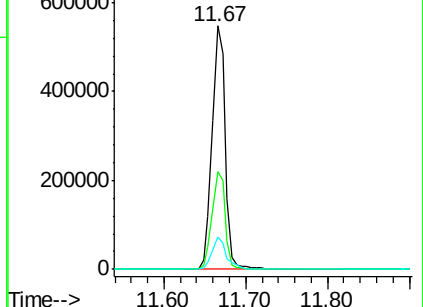
76 13.1 0.0 29.9



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: 39.57 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

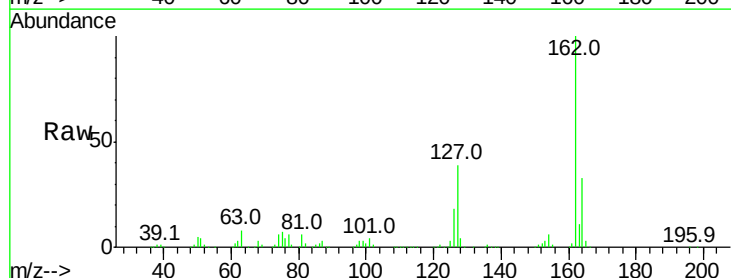
Tgt Ion:162 Resp: 475718

Ion Ratio Lower Upper

162 100

127 39.3 28.3 42.5

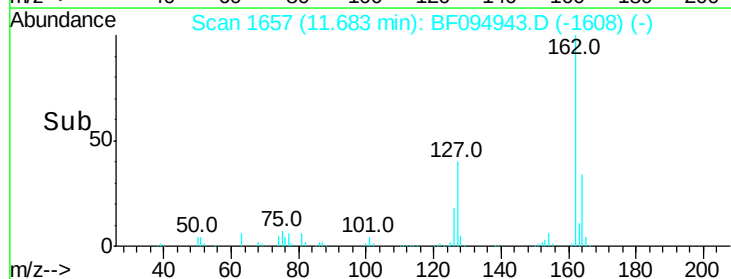
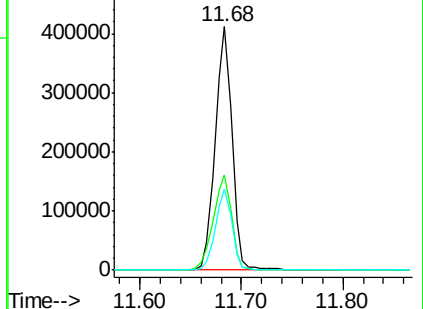
164 33.2 27.0 40.4

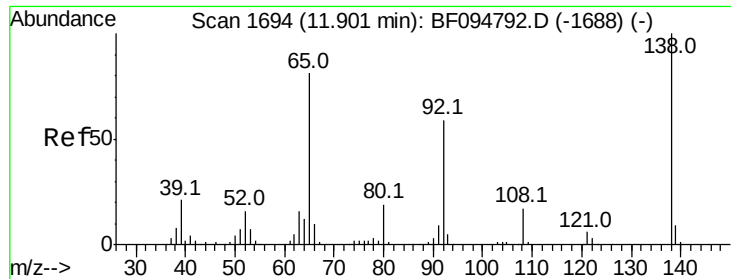


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

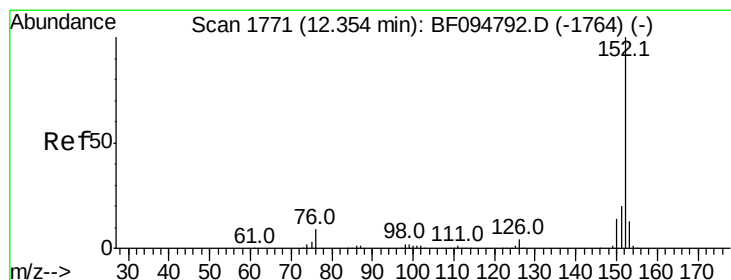
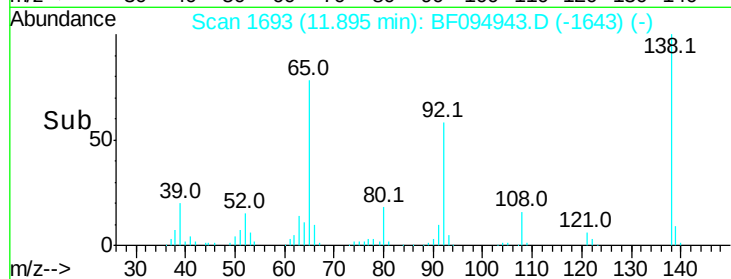
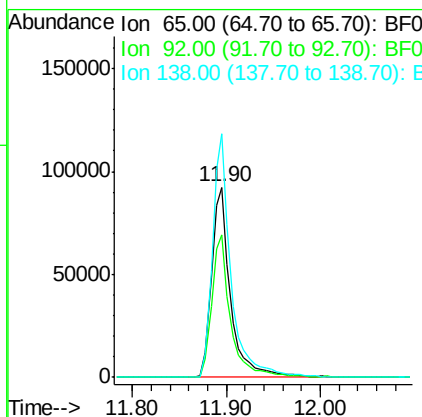
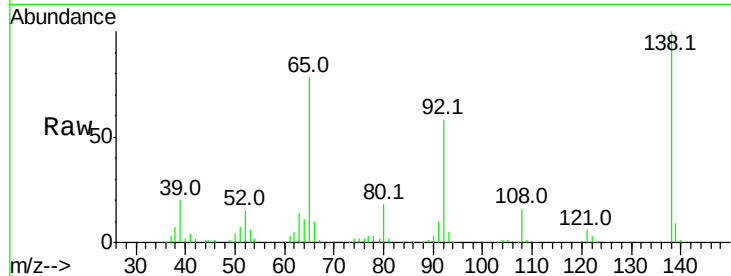




#47
 2-Nitroaniline
 Concen: 40.14 ng
 RT: 11.90 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

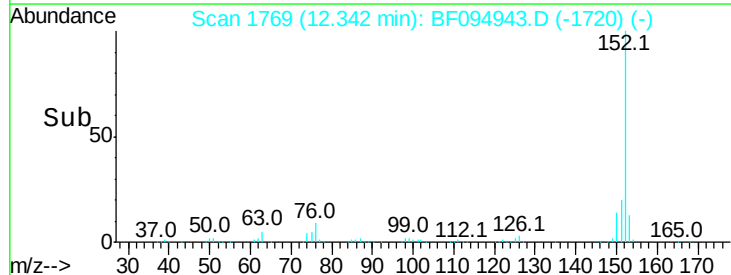
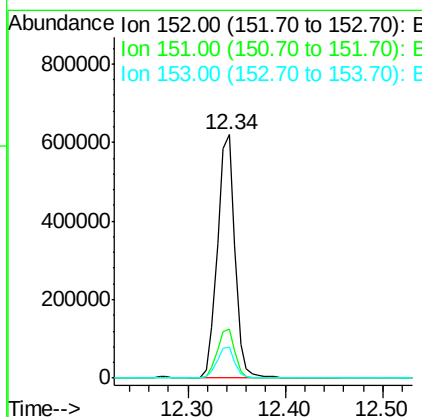
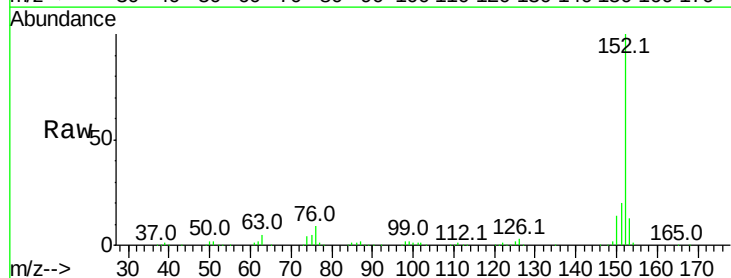
Instrument :
 BNA_F
 ClientSampleId :

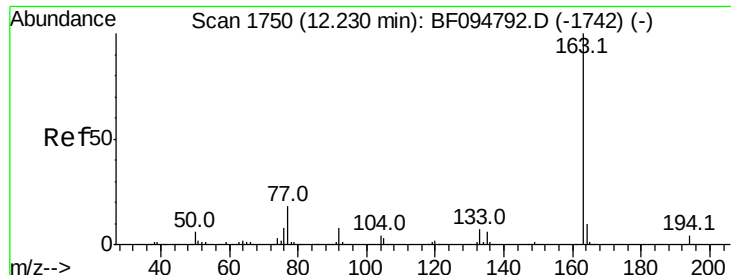
Tot Ion: 65 Resp: 132091
 Ion Ratio Lower Upper
 65 100
 92 74.6 53.9 80.9
 138 128.0 78.8 118.2#



#48
 Acenaphthylene
 Concen: 40.97 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion: 152 Resp: 771504
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 12.6 10.8 16.2





#49

Dimethylphthalate

Concen: 38.66 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampled :

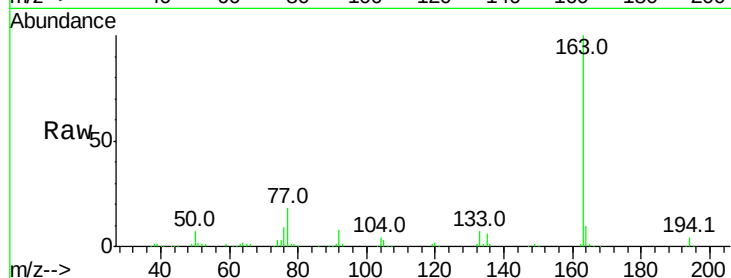
Tot Ion:163 Resp: 561264

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

12.21

400000

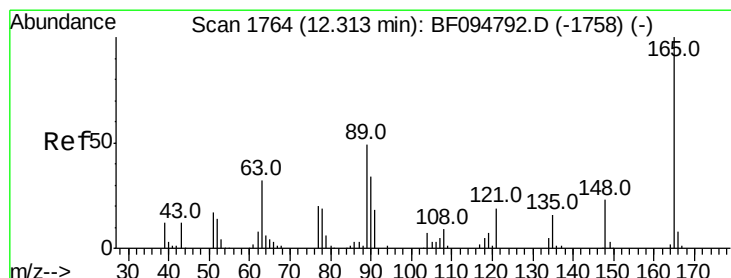
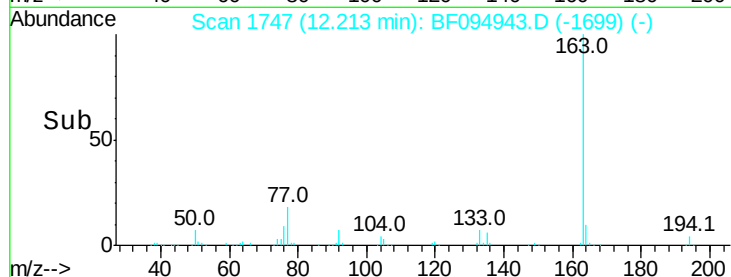
300000

200000

100000

0

Time--> 12.10 12.20 12.30



#50

2,6-Dinitrotoluene

Concen: 41.02 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

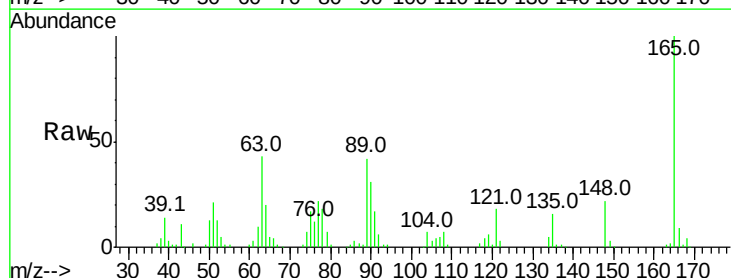
Tgt Ion:165 Resp: 121504

Ion Ratio Lower Upper

165 100

63 42.6 34.3 51.5

89 42.3 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

12.31

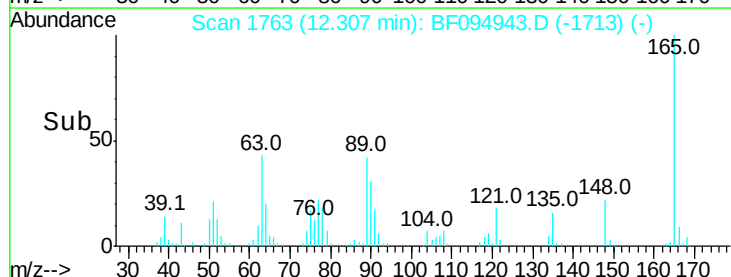
150000

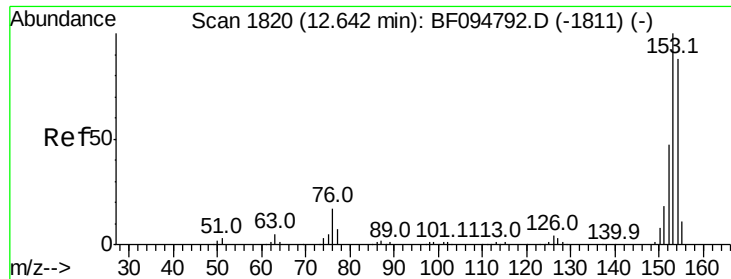
100000

50000

0

Time--> 12.25 12.30 12.35





#51

Acenaphthene

Concen: 38.86 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampled :

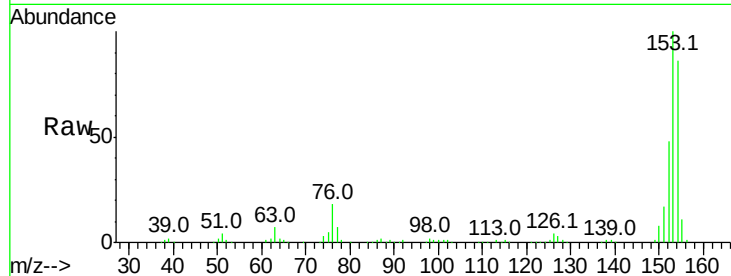
Tot Ion:154 Resp: 437057

Ion Ratio Lower Upper

154 100

153 116.2 90.5 135.7

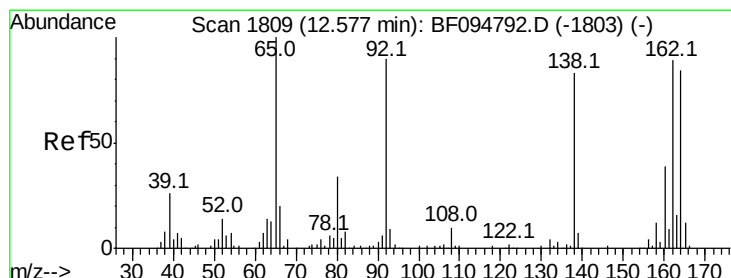
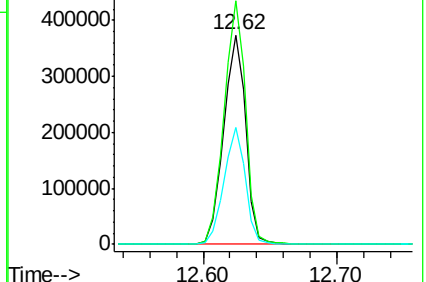
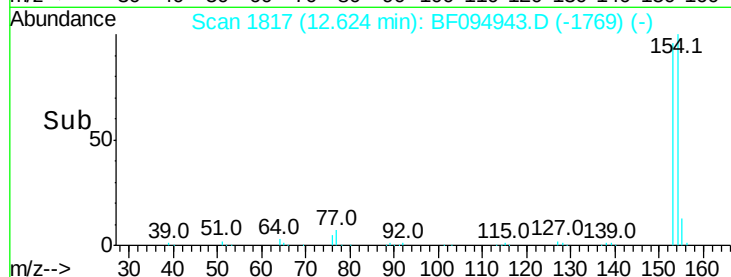
152 55.5 43.6 65.4



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: 38.91 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

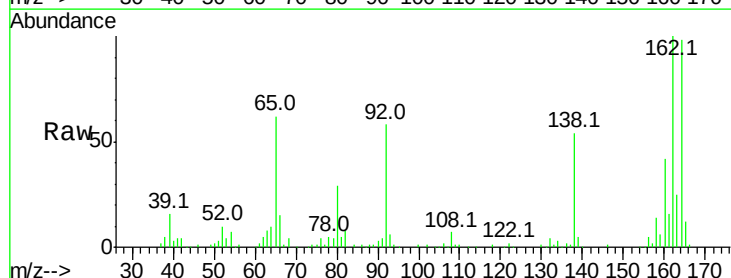
Tgt Ion:138 Resp: 123688

Ion Ratio Lower Upper

138 100

108 13.7 9.1 13.7

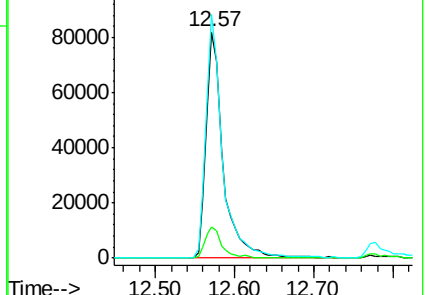
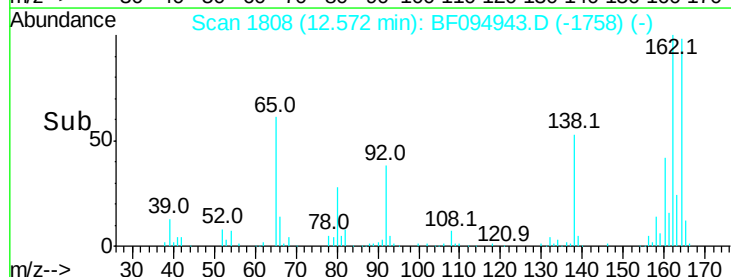
92 107.7 93.8 140.6

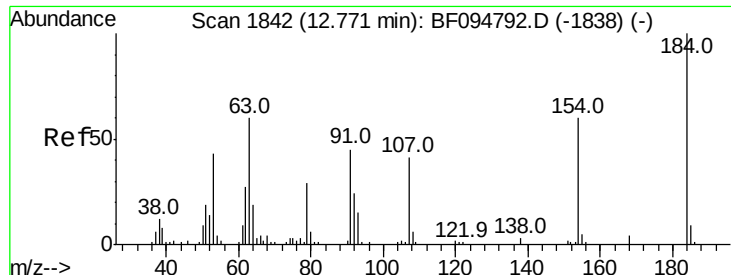


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

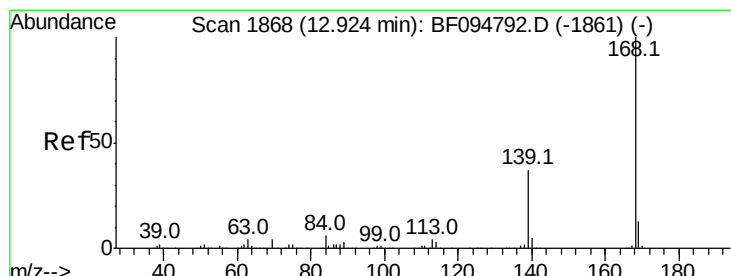
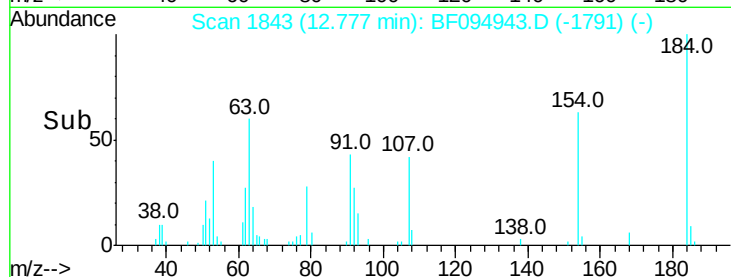
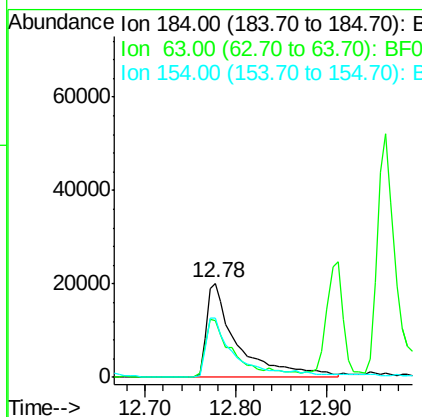
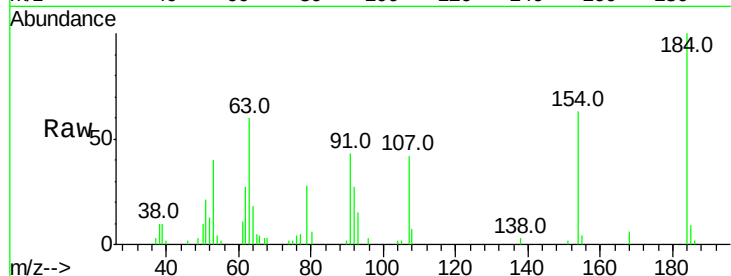




#53
 2,4-Dinitrophenol
 Concen: 33.46 ng
 RT: 12.78 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

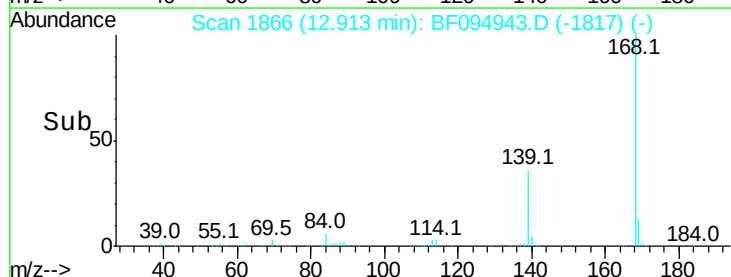
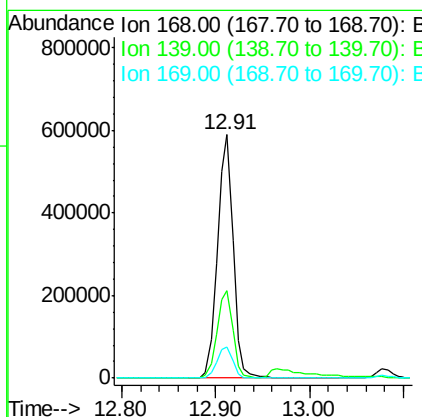
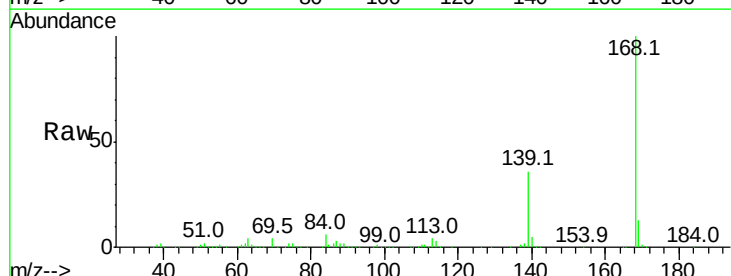
Instrument :
 BNA_F
 ClientSampled :

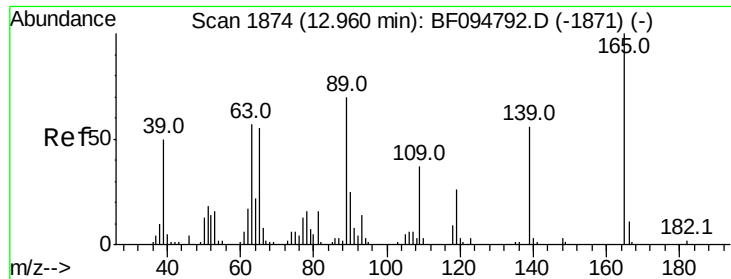
Tot Ion:184 Resp: 48156
 Ion Ratio Lower Upper
 184 100
 63 60.3 62.7 94.1#
 154 63.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.29 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion:168 Resp: 689347
 Ion Ratio Lower Upper
 168 100
 139 36.1 30.6 45.8
 169 12.8 10.8 16.2

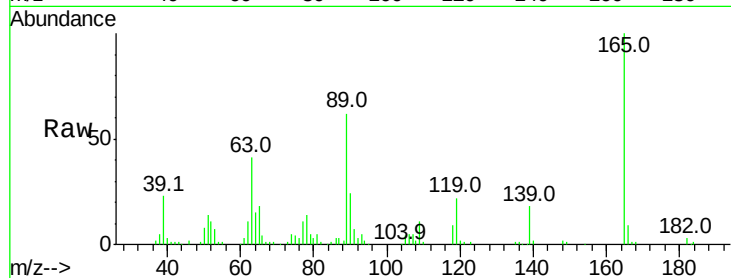




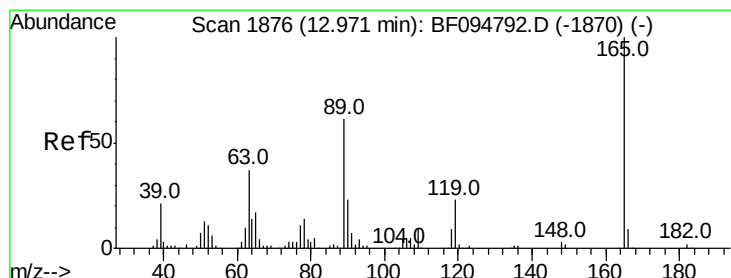
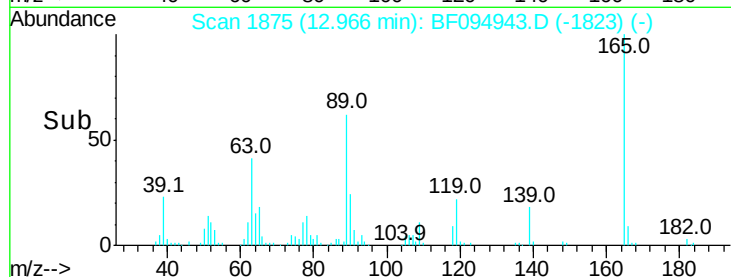
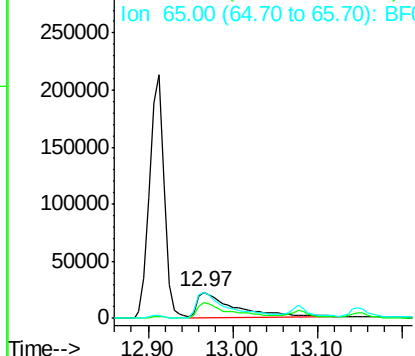
#55
4-Nitrophenol
Concen: 35.18 ng
RT: 12.97 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 67171
Ion Ratio Lower Upper
139 100
109 60.0 34.1 74.1
65 100.0 31.4 71.4#

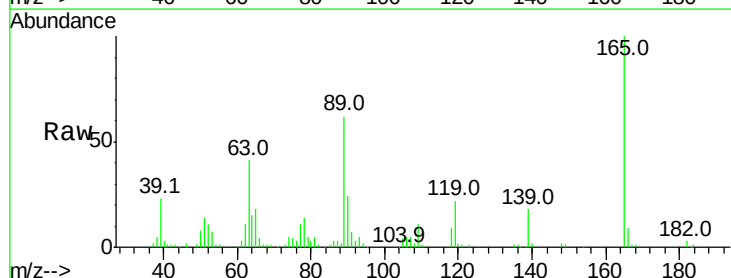


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

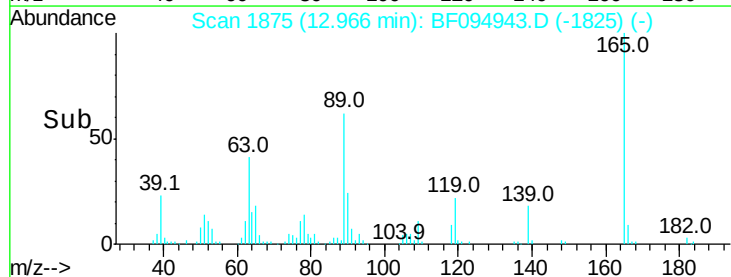
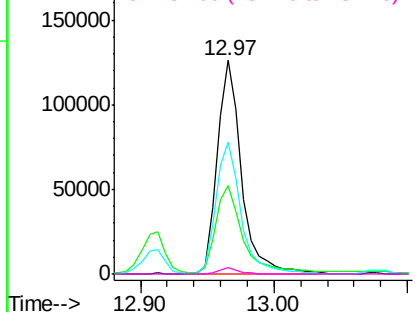


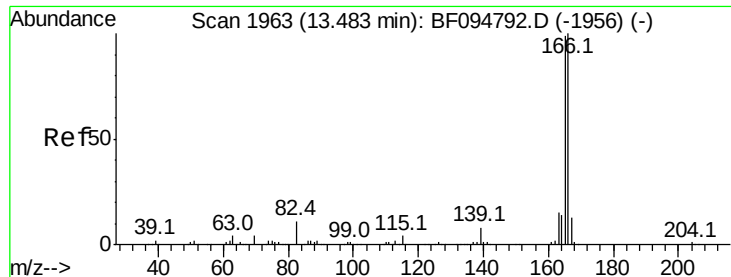
#56
2,4-Dinitrotoluene
Concen: 42.70 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

Tgt Ion:165 Resp: 162506
Ion Ratio Lower Upper
165 100
63 41.3 25.4 38.0#
89 61.7 46.4 69.6
182 2.7 1.8 2.6#



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

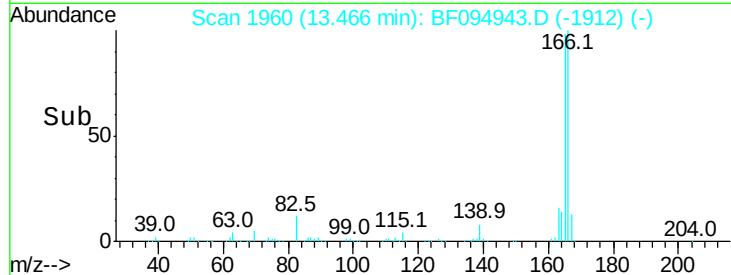
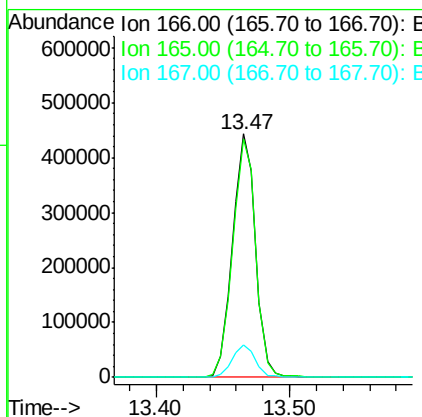
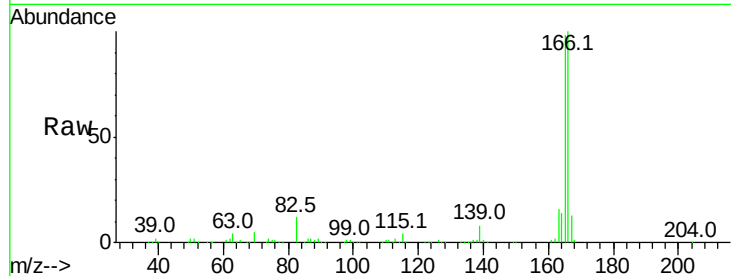




#57
 Fluorene
 Concen: 39.45 ng
 RT: 13.47 min Scan# 1960
 Delta R.T. -0.02 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

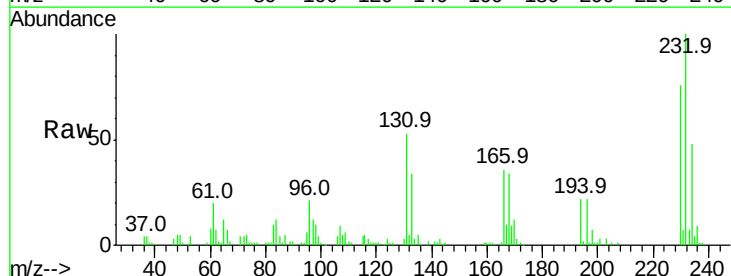
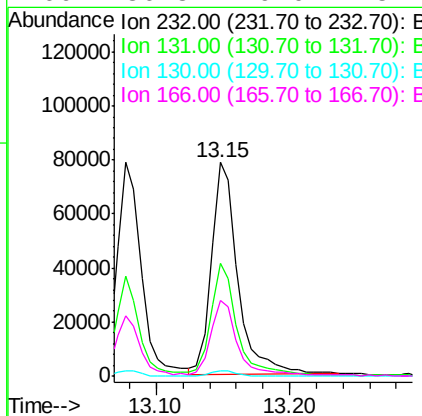
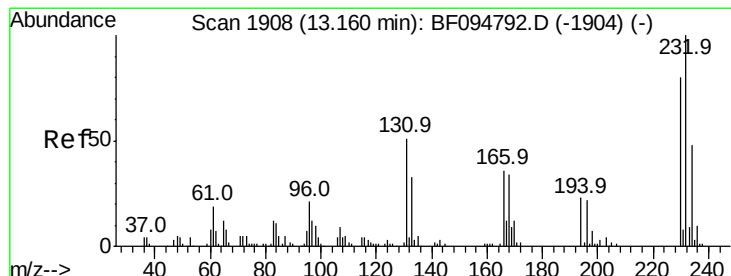
Instrument :
 BNA_F
 ClientSampled :

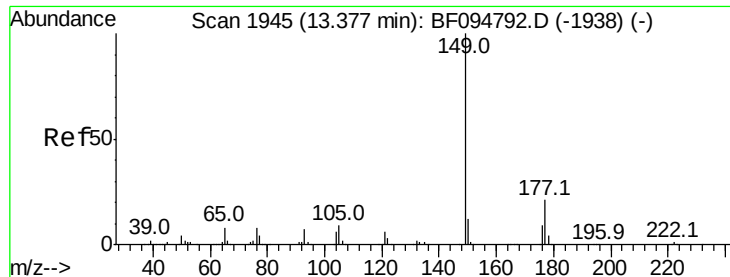
Tot Ion:166 Resp: 533963
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.94 ng
 RT: 13.15 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion:232 Resp: 110368
 Ion Ratio Lower Upper
 232 100
 131 53.0 44.8 67.2
 130 2.3 2.3 3.5#
 166 36.8 29.0 43.4

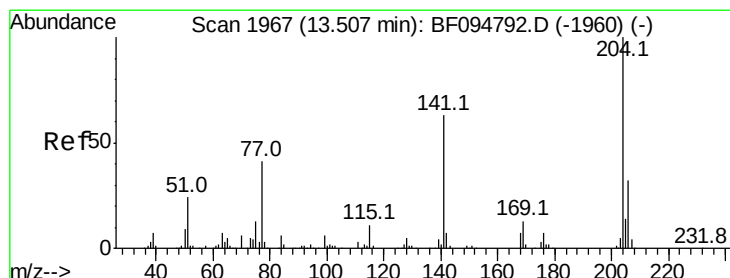
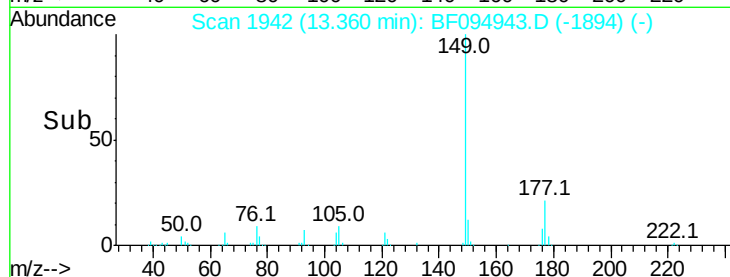
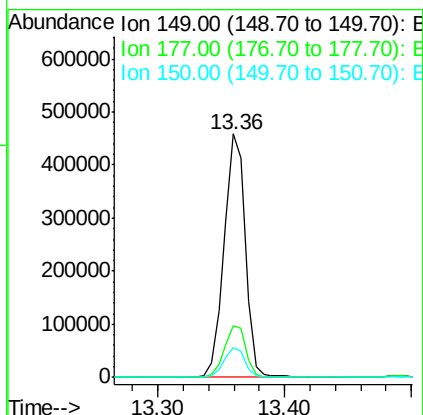
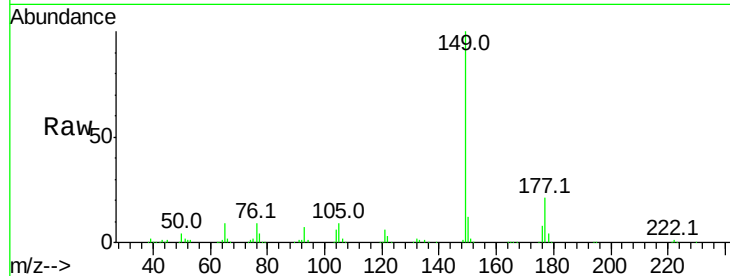




#59
Diethylphthalate
Concen: 38.23 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

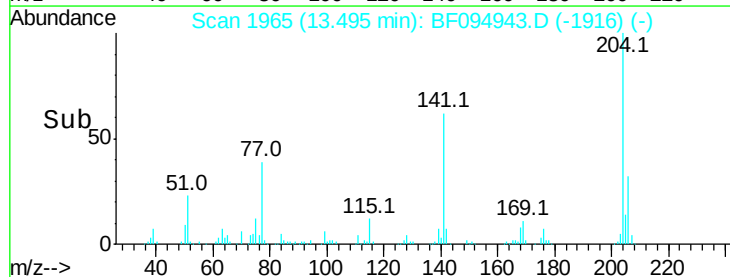
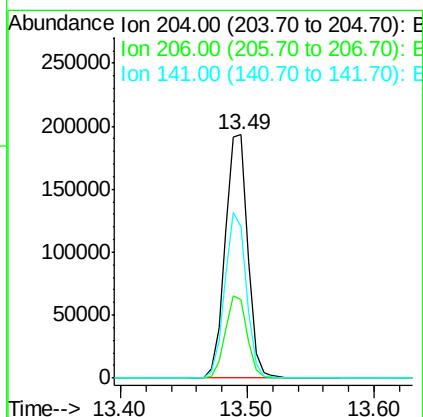
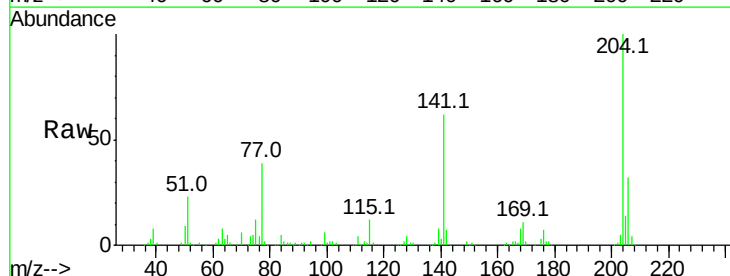
Instrument :
BNA_F
ClientSampleId :

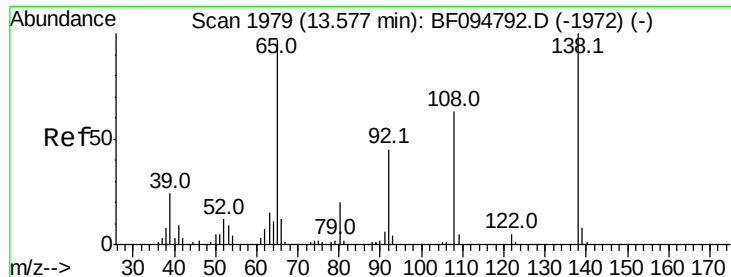
Tot Ion:149 Resp: 531949
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.68 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

Tgt Ion:204 Resp: 236008
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 62.2 60.8 91.2

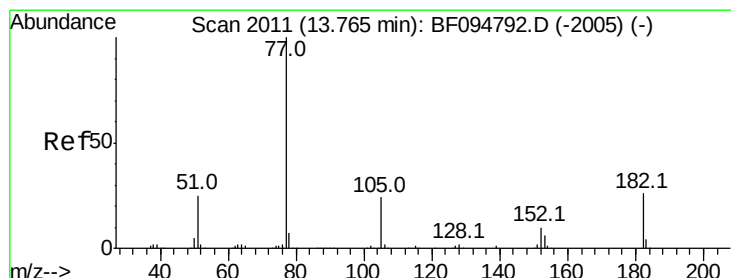
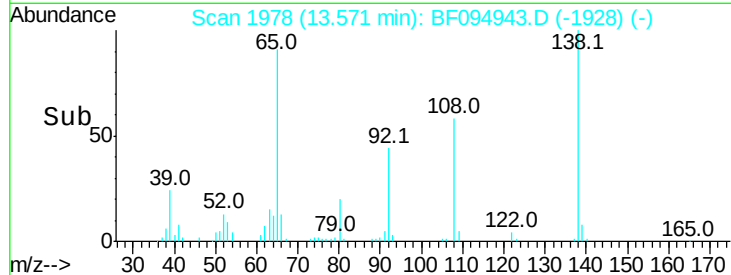
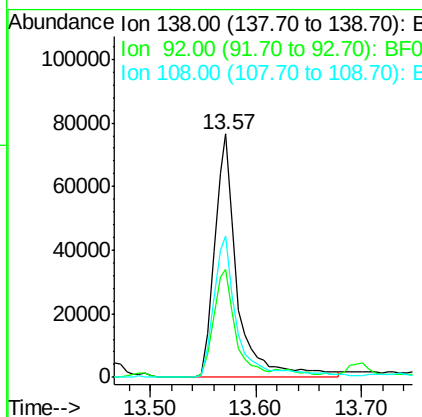
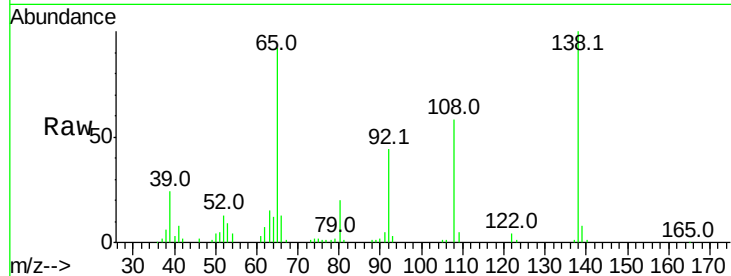




#61
 4-Nitroaniline
 Concen: 39.72 ng
 RT: 13.57 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

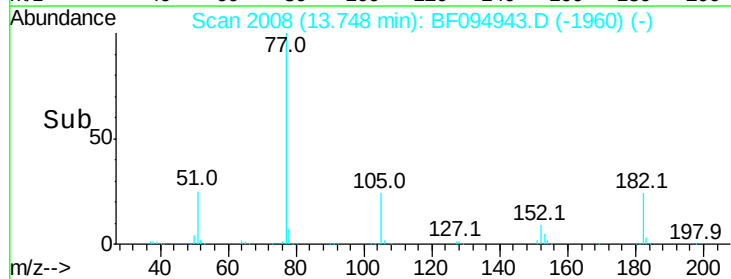
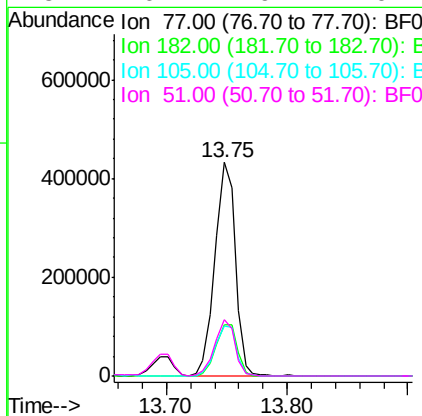
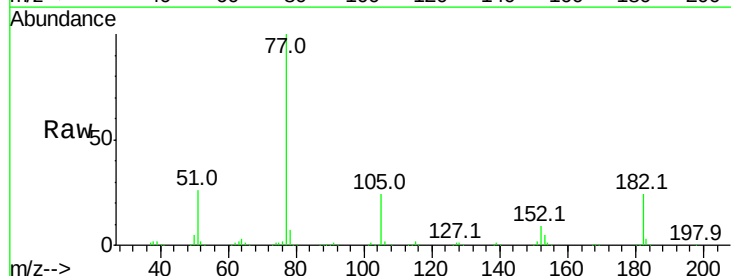
Instrument :
 BNA_F
 ClientSampleID :

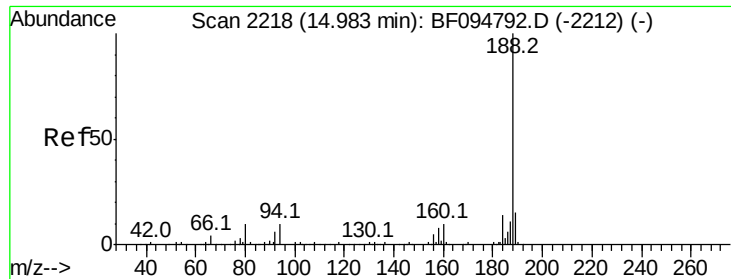
Tot Ion:	138	Resp:	115902
Ion	Ratio	Lower	Upper
138	100		
92	44.4	21.8	61.8
108	57.9	42.3	82.3



#62
 Azobenzene
 Concen: 44.87 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion:	77	Resp:	501730
Ion	Ratio	Lower	Upper
77	100		
182	24.3	0.1	40.1
105	23.6	3.6	43.6
51	26.4	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: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

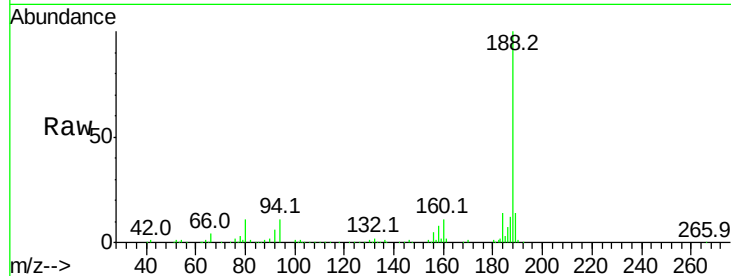
Tot Ion:188 Resp: 304442

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

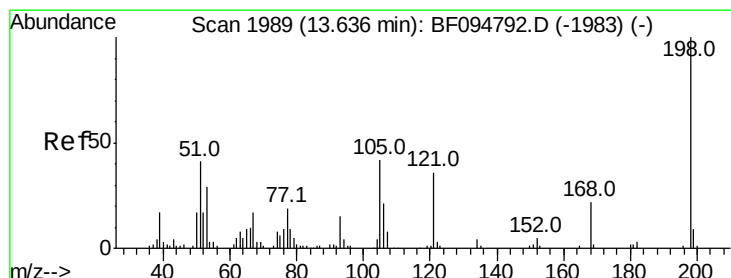
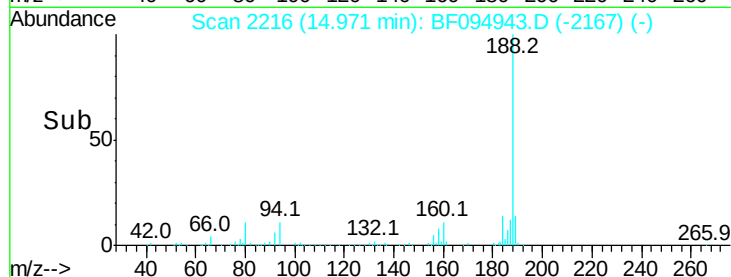
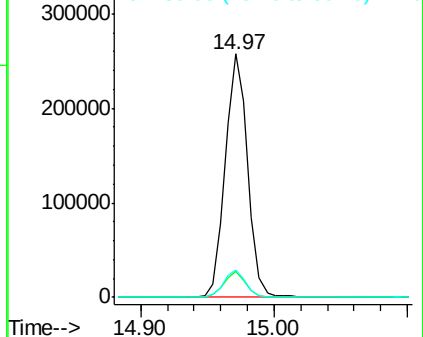
80 11.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.31 ng

RT: 13.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

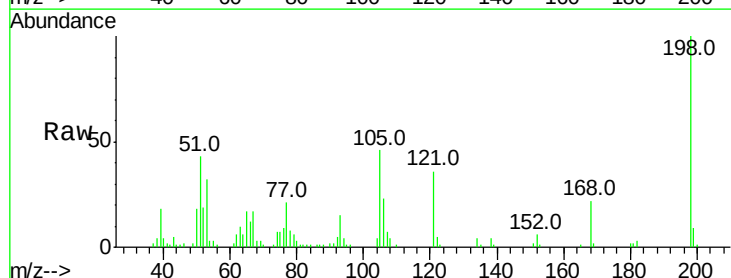
Tgt Ion:198 Resp: 78180

Ion Ratio Lower Upper

198 100

51 42.9 53.2 93.2#

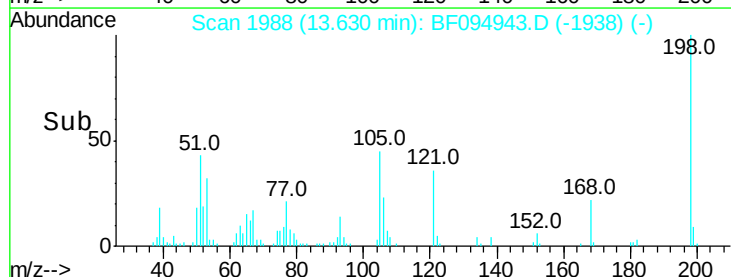
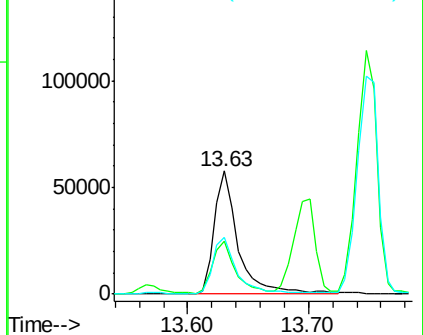
105 45.7 45.8 85.8#

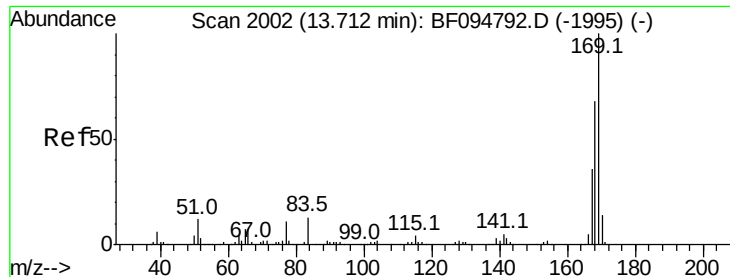


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.01 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

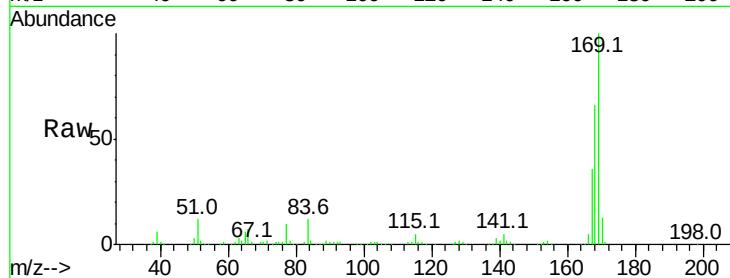
Instrument :

BNA_F

ClientSampled :

Tot Ion:169 Resp: 453157

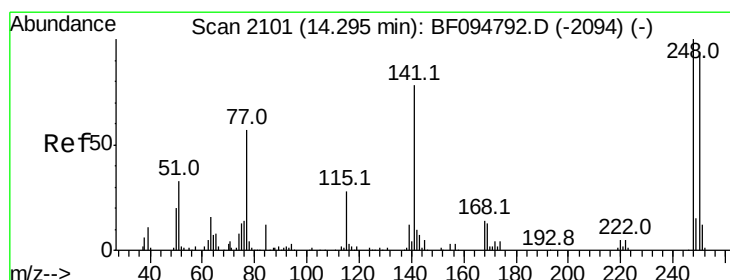
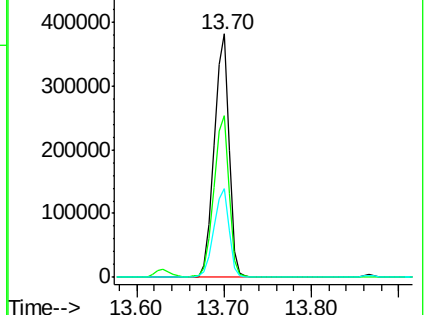
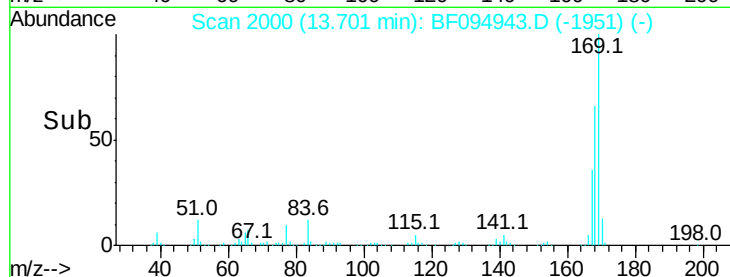
Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.2	79.8
167	36.2	29.5	44.3



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: 38.15 ng

RT: 14.28 min Scan# 2098

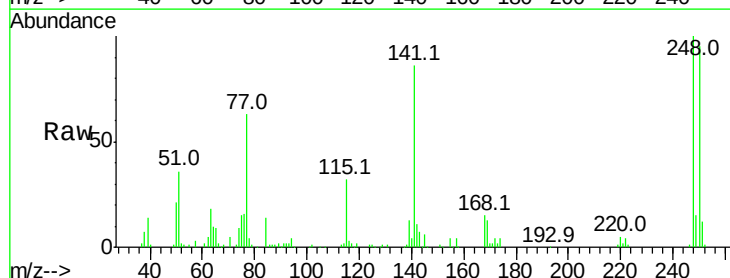
Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Tgt Ion:248 Resp: 122691

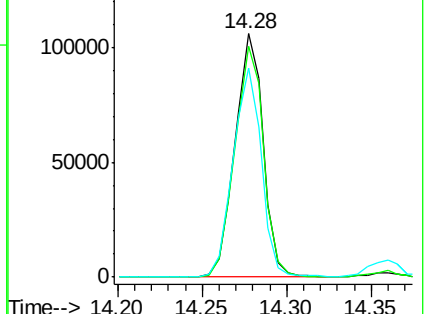
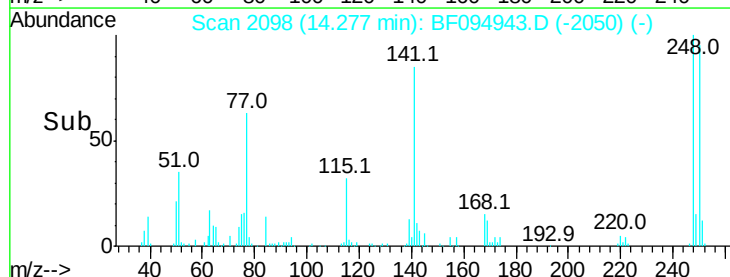
Ion	Ratio	Lower	Upper
248	100		
250	95.0	76.8	115.2
141	85.8	68.6	103.0

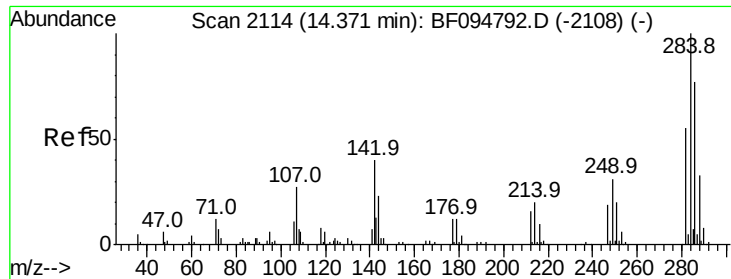


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

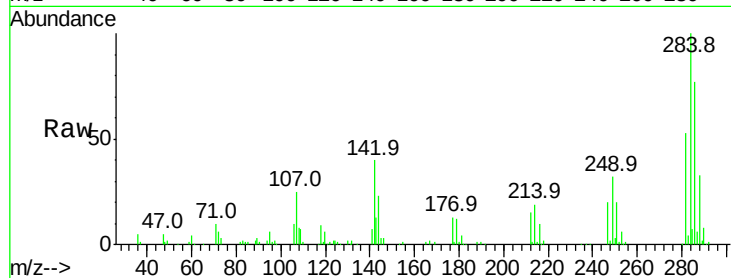




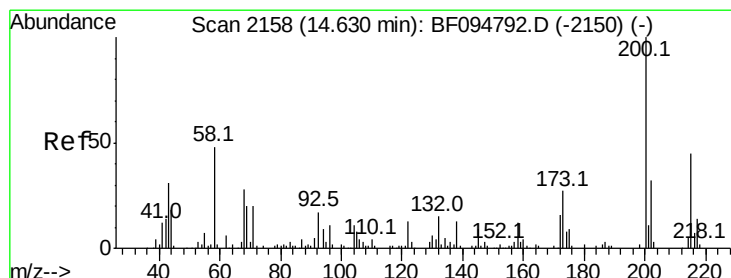
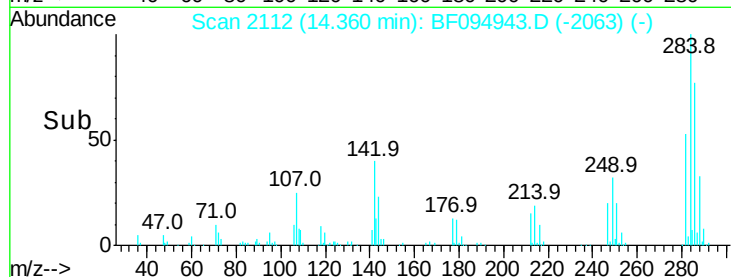
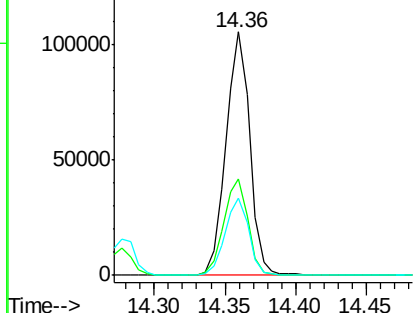
#67
Hexachlorobenzene
Concen: 37.50 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.5	22.8	34.2#
249	31.6	24.0	36.0

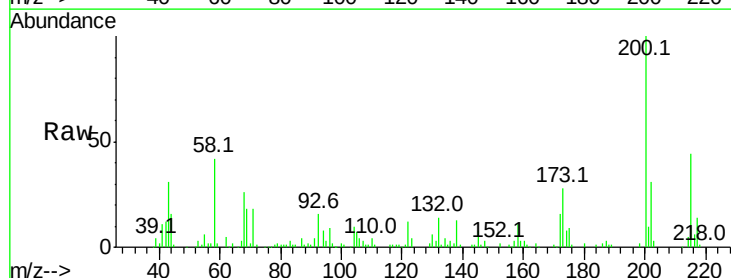


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

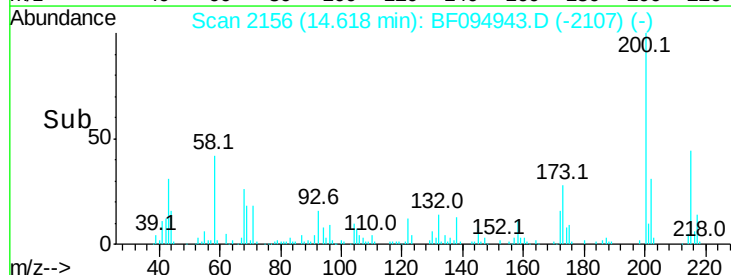
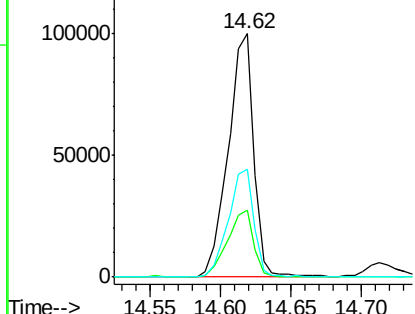


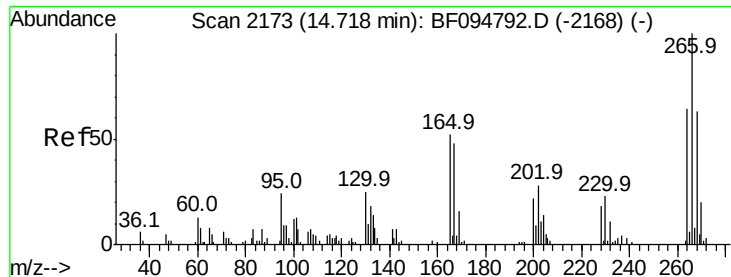
#68
Atrazine
Concen: 40.27 ng
RT: 14.62 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.3	46.3
215	44.2	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

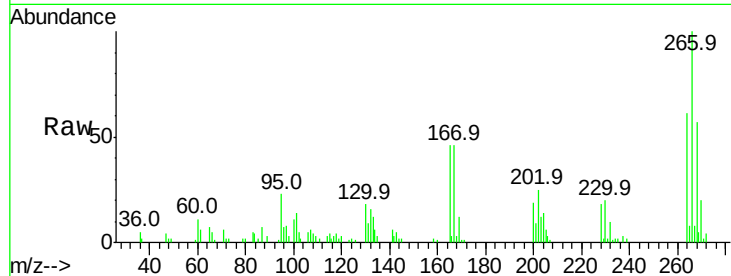




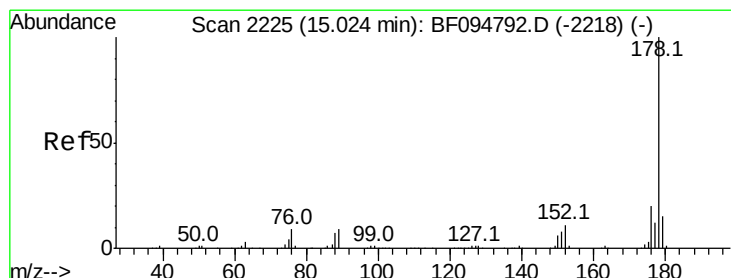
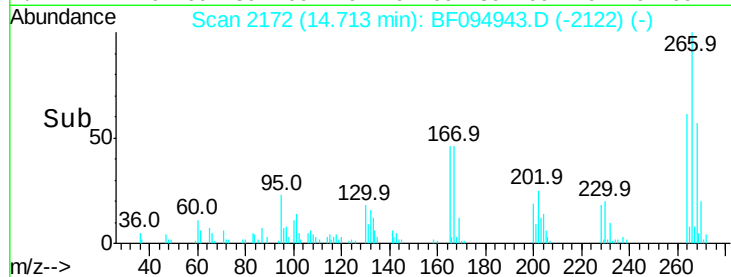
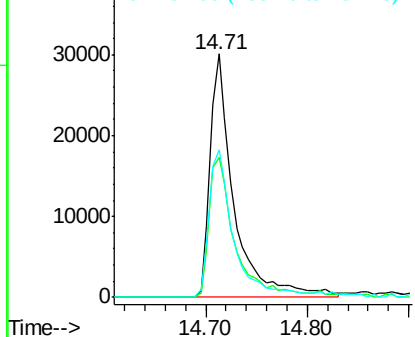
#69
 Pentachlorophenol
 Concen: 36.58 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 49408
 Ion Ratio Lower Upper
 266 100
 268 57.3 51.1 76.7
 264 60.7 51.7 77.5

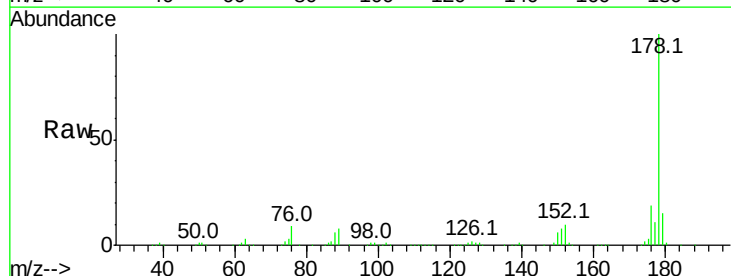


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

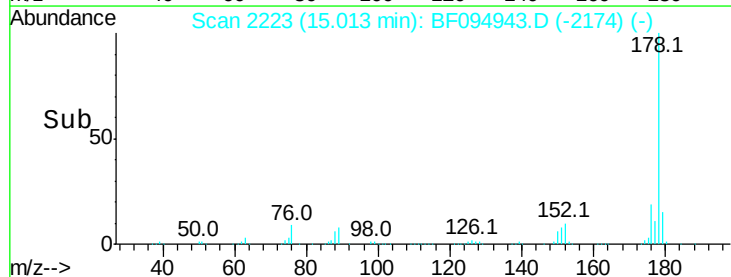
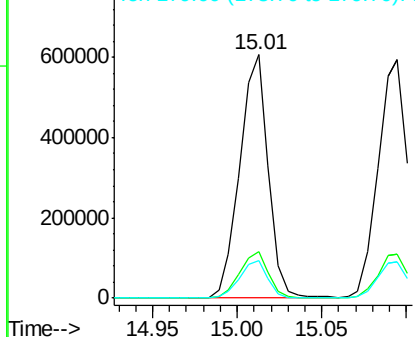


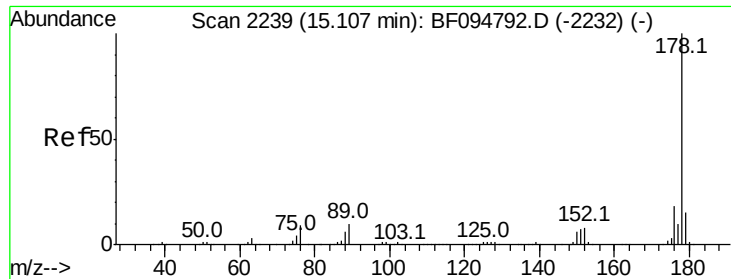
#70
 Phenanthrene
 Concen: 40.69 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion:178 Resp: 711806
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 15.4 12.6 19.0



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

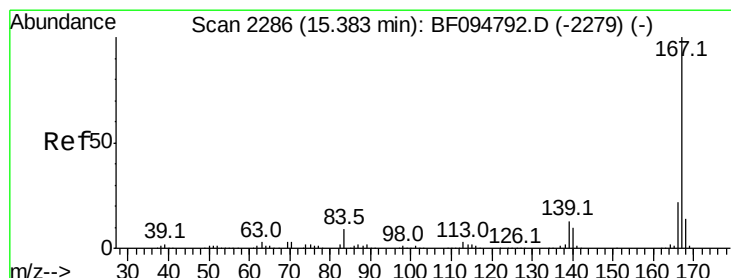
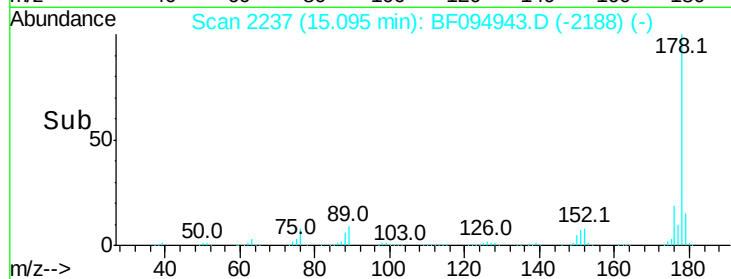
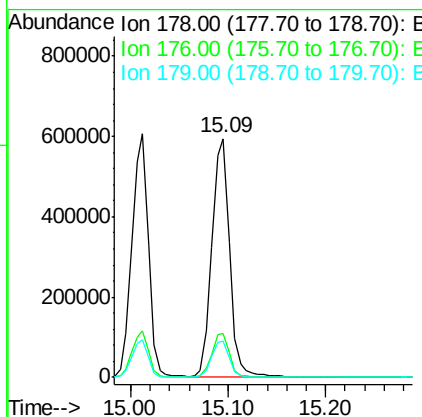
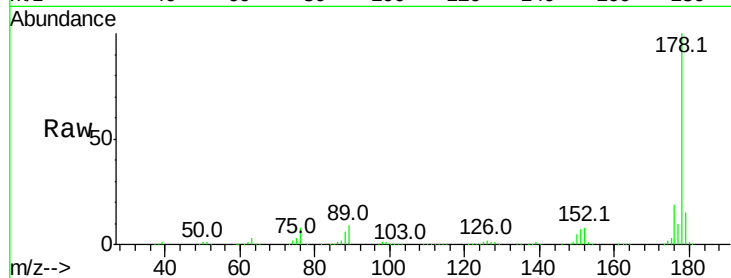




#71
 Anthracene
 Concen: 42.03 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

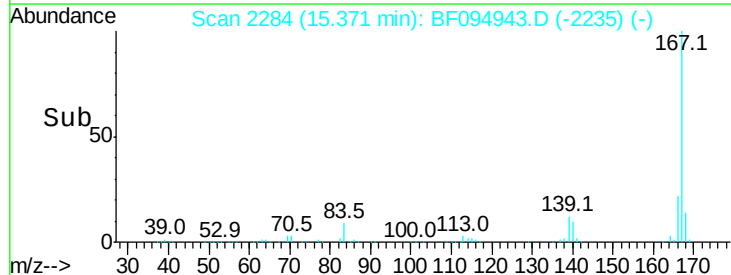
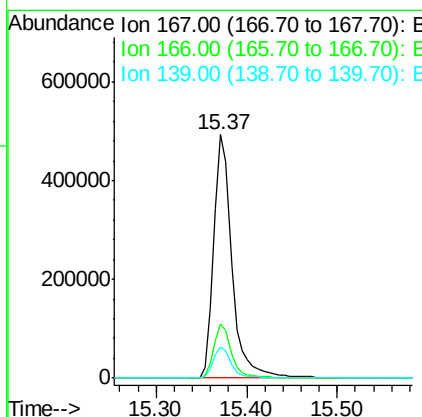
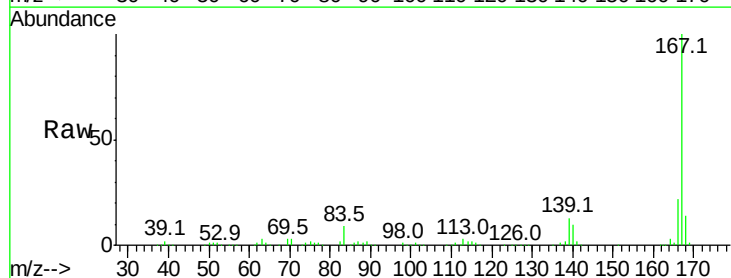
Instrument :
 BNA_F
 ClientSampleId :

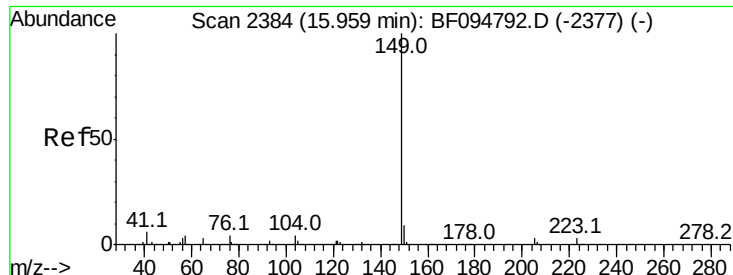
Tot Ion:178 Resp: 750939
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 42.58 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion:167 Resp: 692309
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 12.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.62 ng

RT: 15.94 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

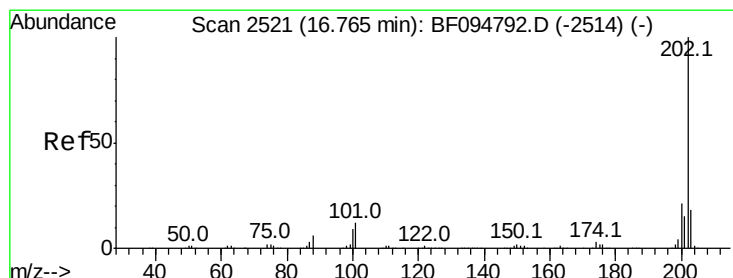
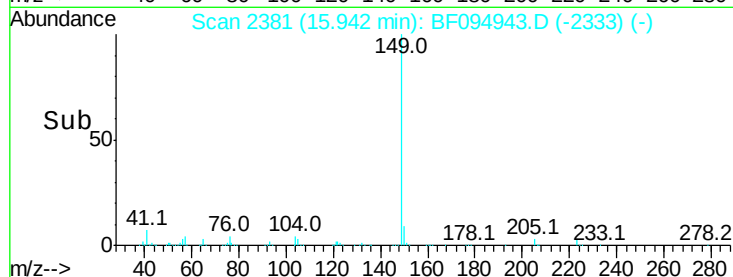
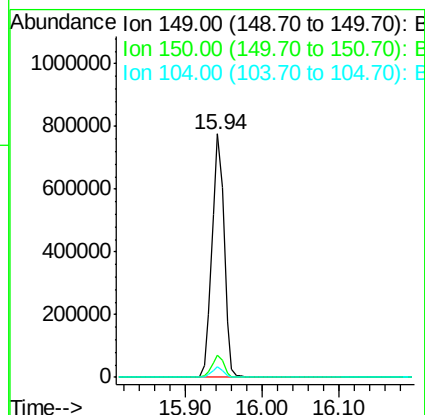
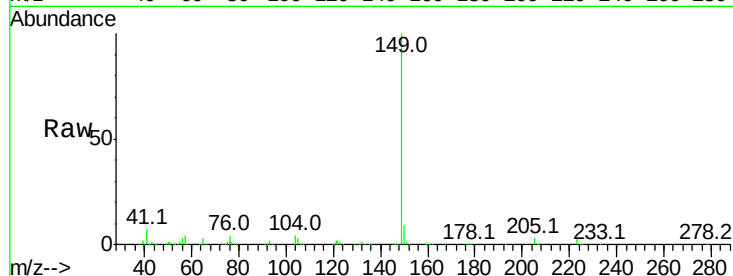
Tot Ion:149 Resp: 843896

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

104 4.3 4.0 6.0



#74

Fluoranthene

Concen: 39.85 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

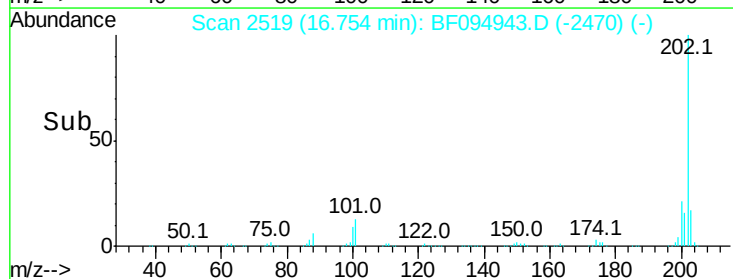
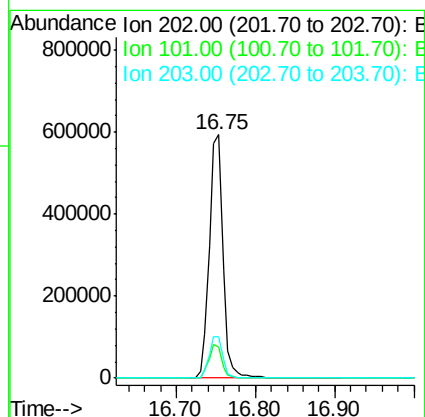
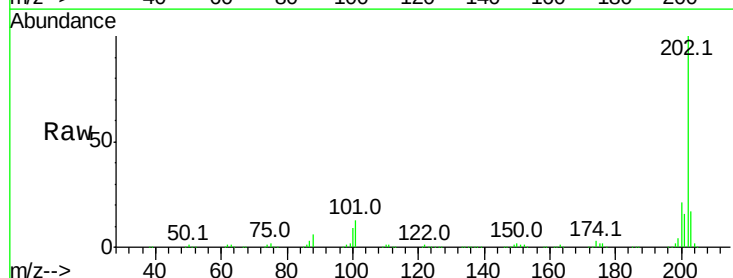
Tgt Ion:202 Resp: 715061

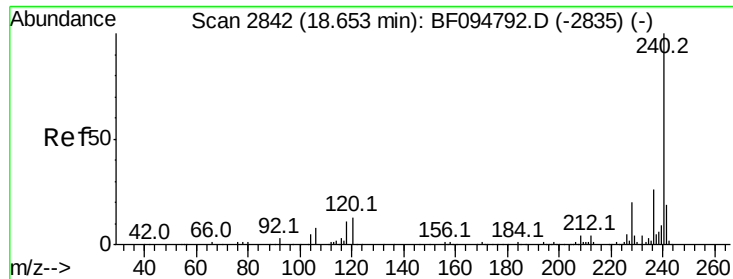
Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.2

203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

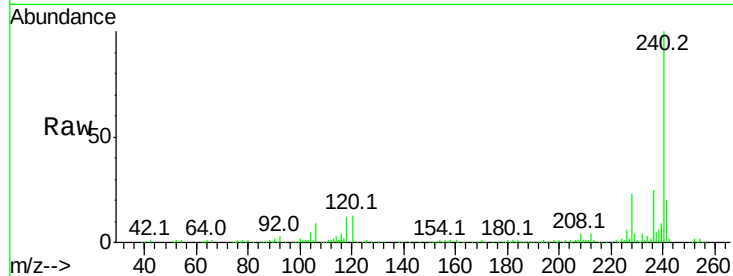
Tot Ion:240 Resp: 234975

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

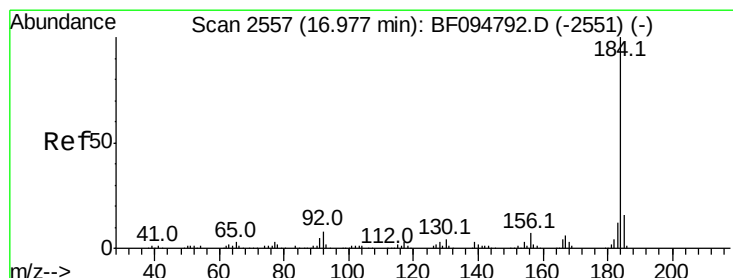
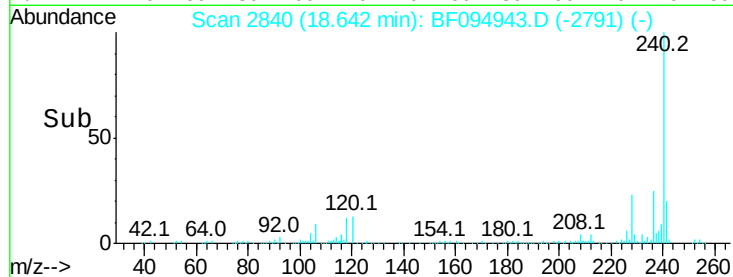
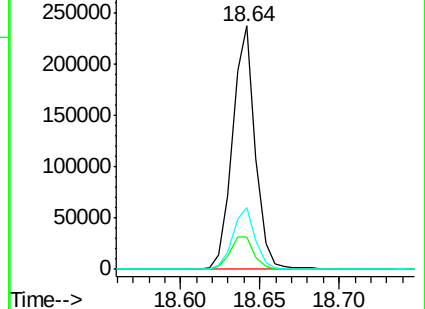
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.90 ng

RT: 16.97 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

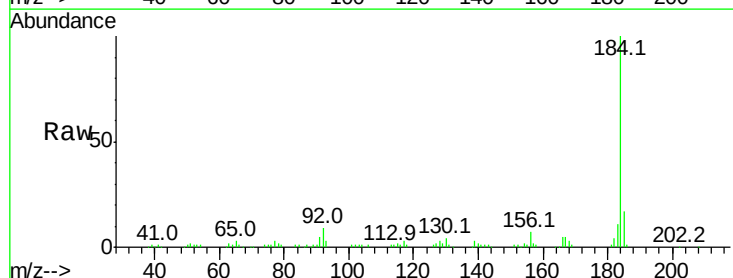
Tgt Ion:184 Resp: 156992

Ion Ratio Lower Upper

184 100

185 16.9 15.5 23.3

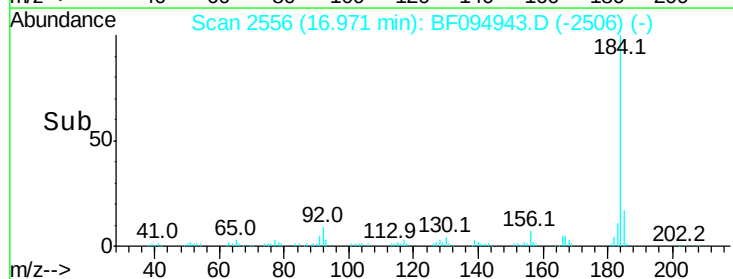
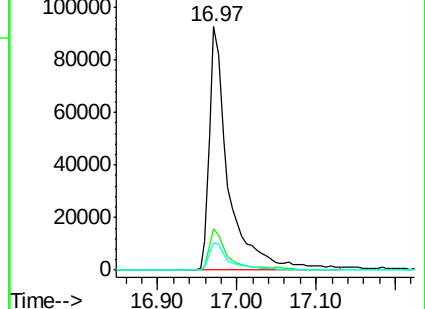
183 11.4 9.8 14.6

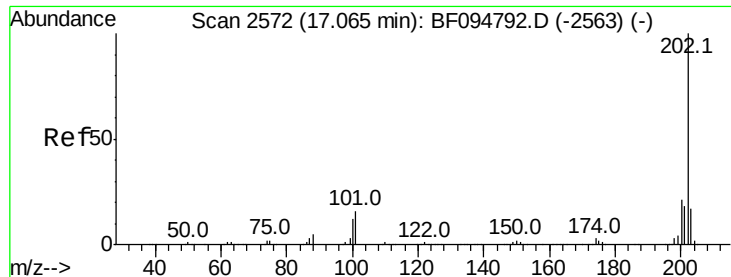


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.66 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

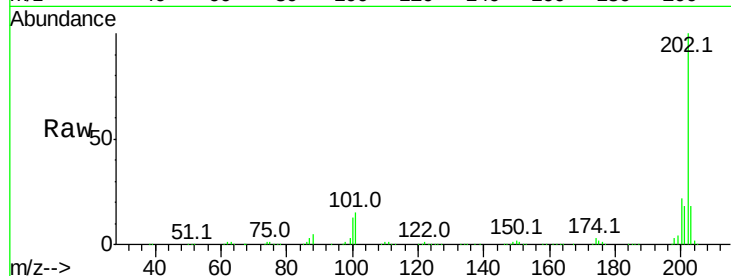
Tot Ion:202 Resp: 732112

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

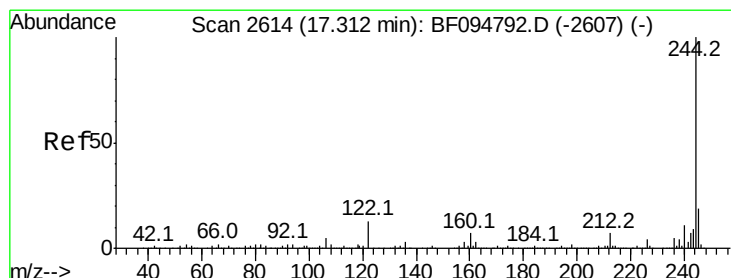
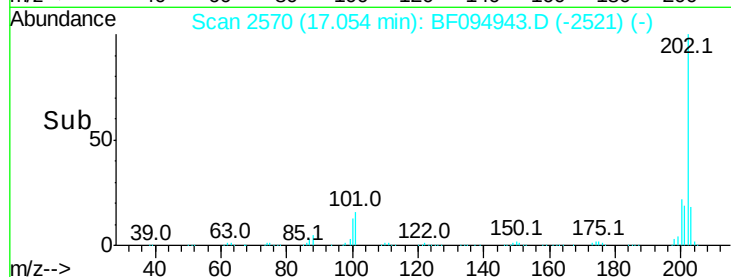
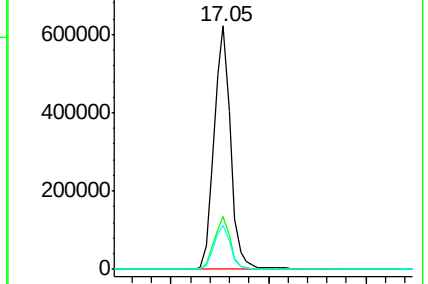
203 18.1 14.4 21.6



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: 77.27 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

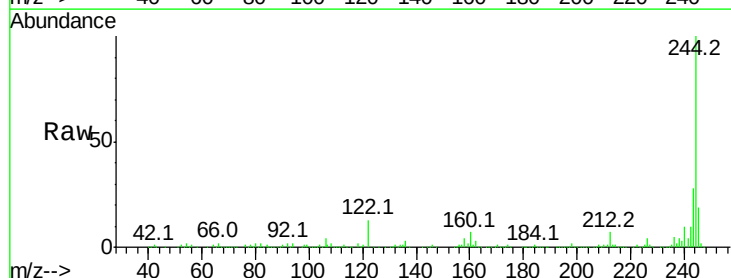
Tgt Ion:244 Resp: 824335

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

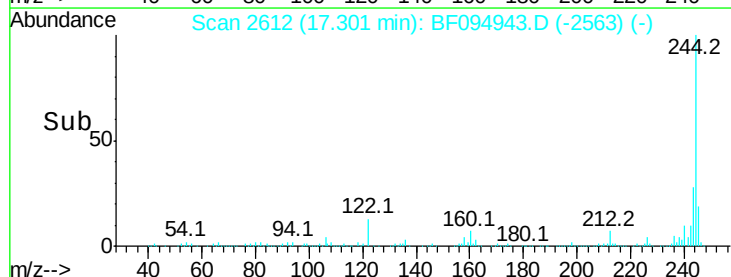
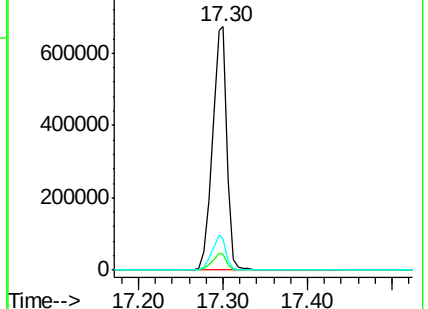
122 12.6 10.3 15.5

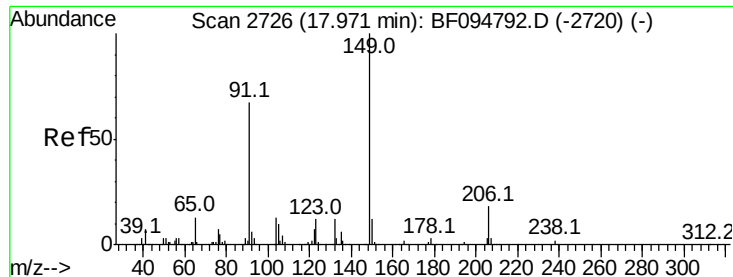


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.29 ng

RT: 17.96 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :

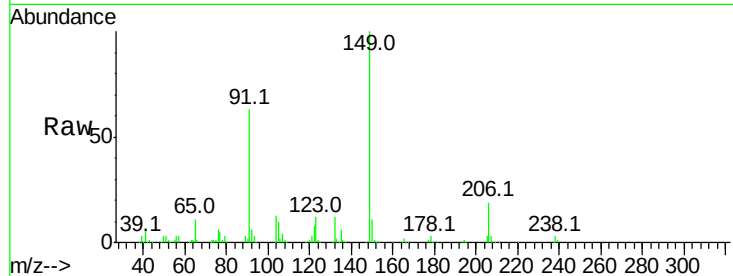
Tot Ion:149 Resp: 345679

Ion Ratio Lower Upper

149 100

91 63.3 45.0 67.4

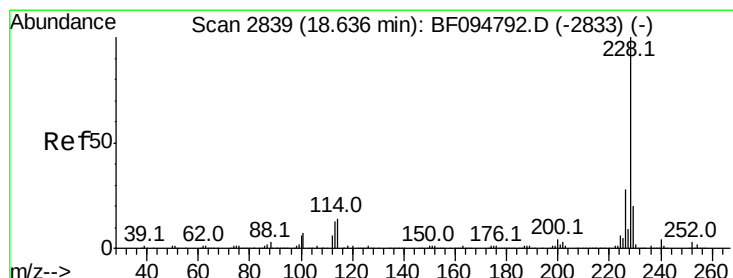
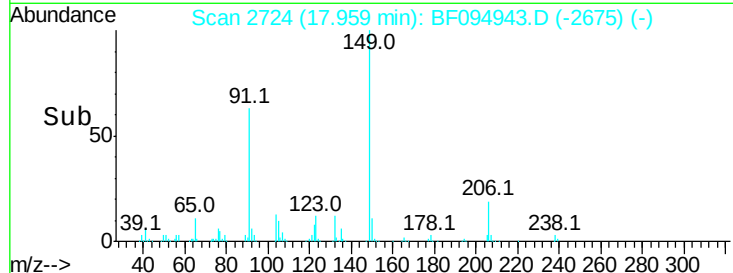
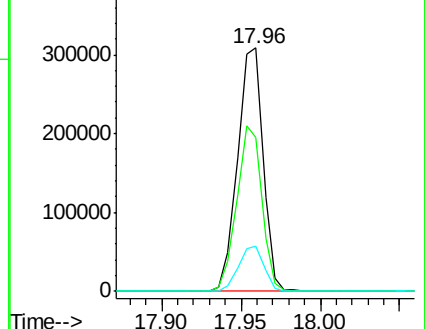
206 18.7 17.0 25.6



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: 40.86 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

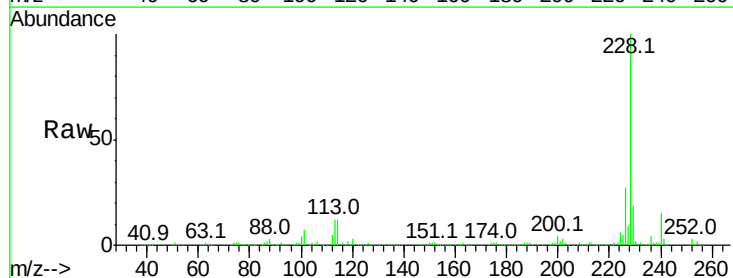
Tgt Ion:228 Resp: 558722

Ion Ratio Lower Upper

228 100

226 26.6 22.6 33.8

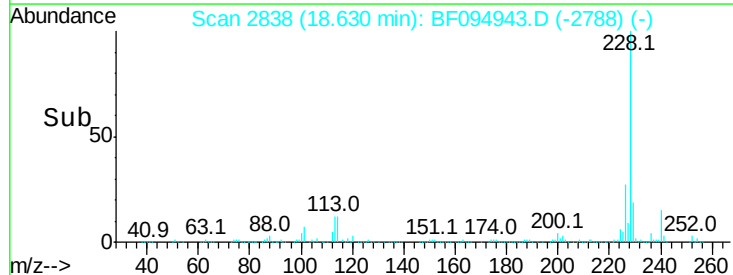
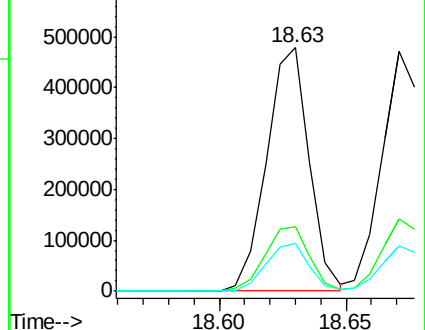
229 19.4 16.3 24.5

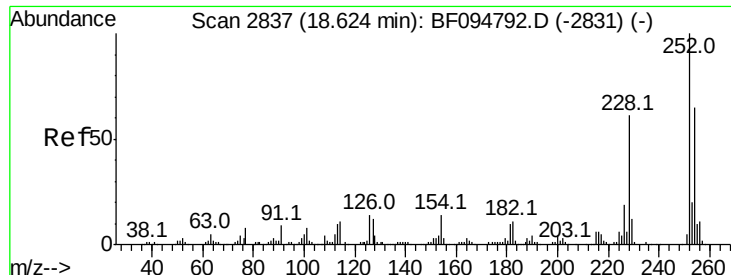


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

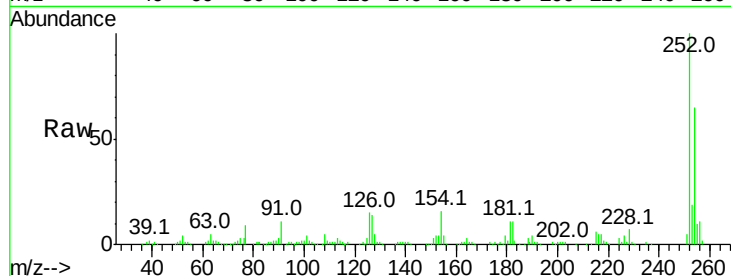




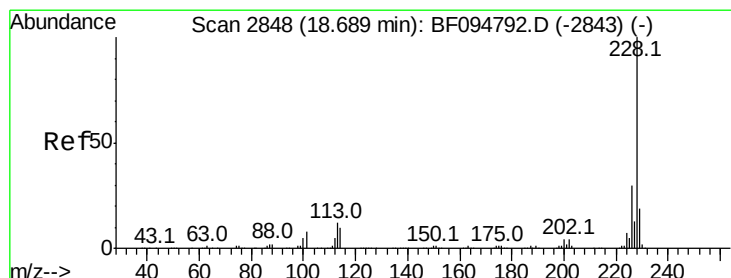
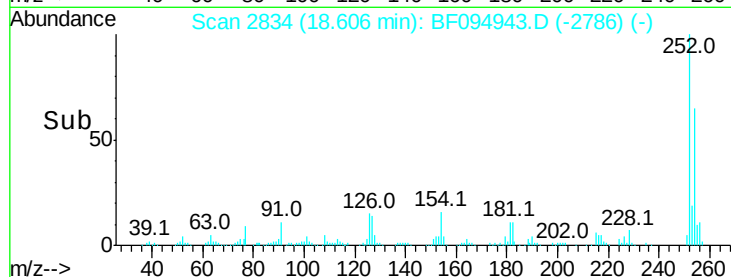
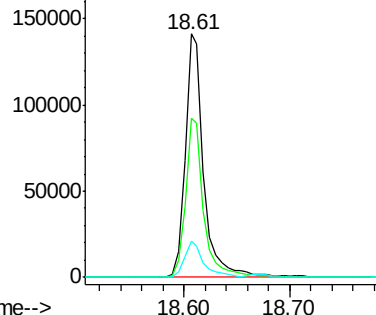
#81
 3,3'-Dichlorobenzidine
 Concen: 36.93 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 174431
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.5 77.3
 126 14.8 15.8 23.8#

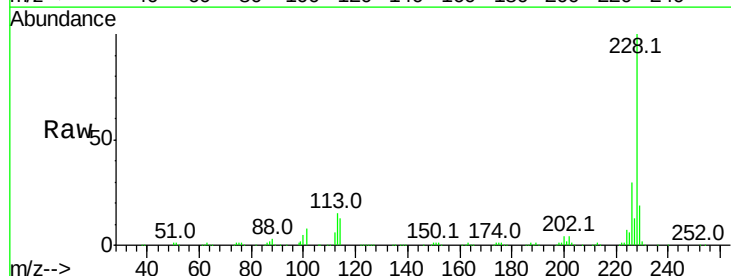


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

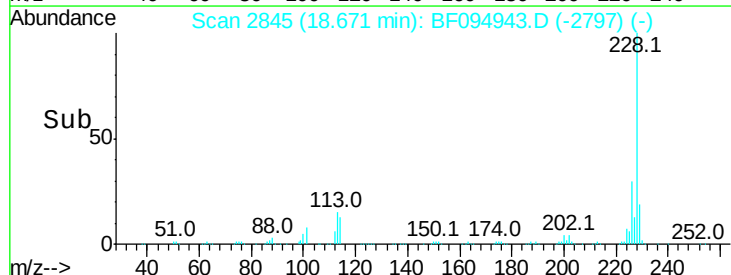
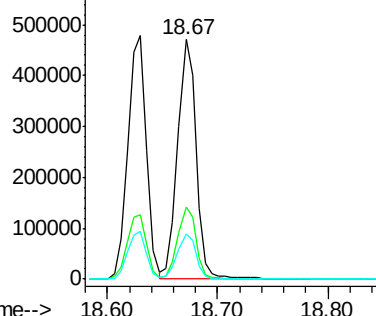


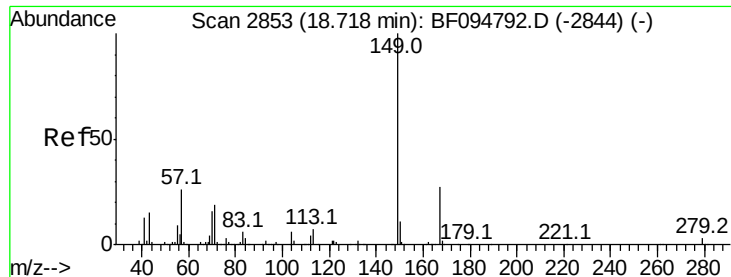
#82
 Chrysene
 Concen: 40.34 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion:228 Resp: 533416
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 18.9 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

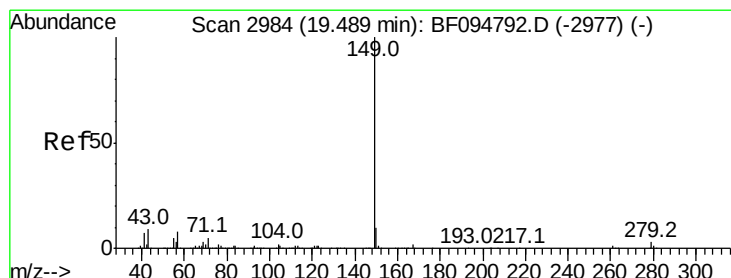
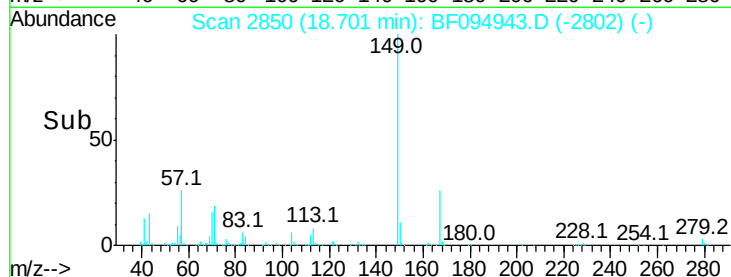
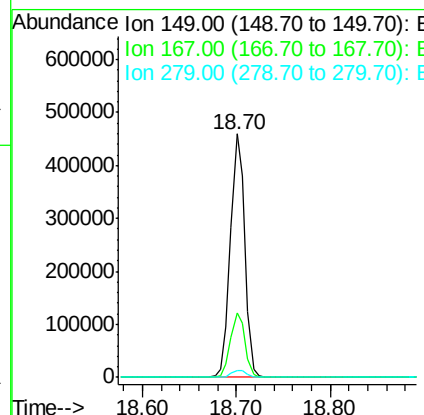
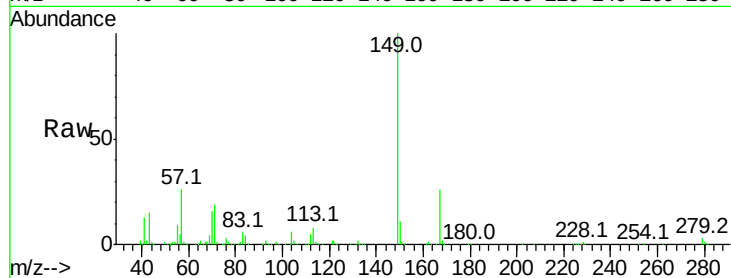




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.36 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

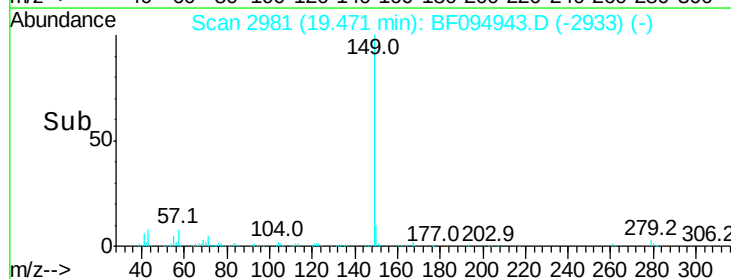
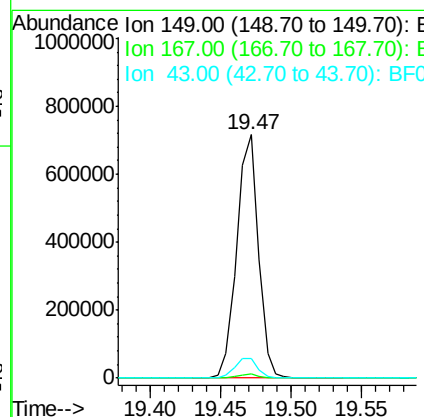
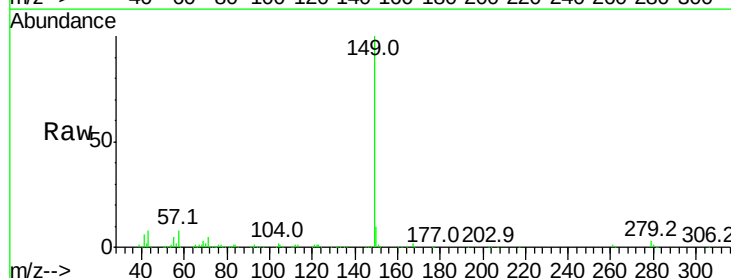
Instrument :
 BNA_F
 ClientSampleId :

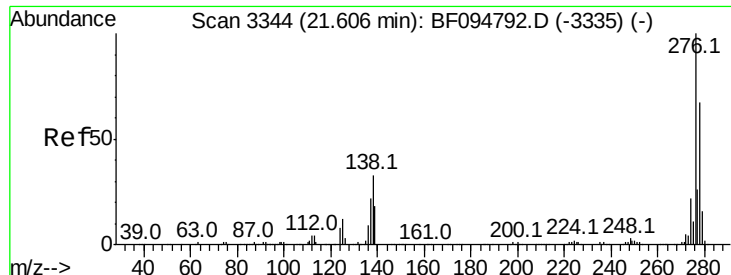
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	2.9	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 40.14 ng
 RT: 19.47 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	8.5	12.7

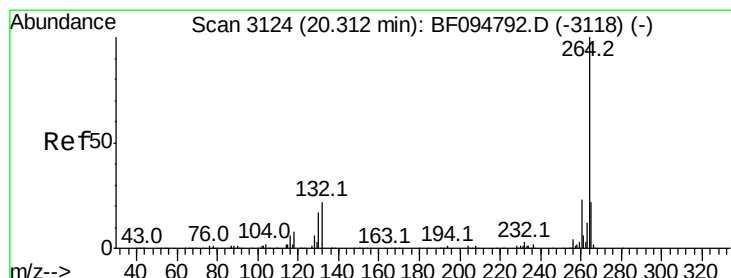
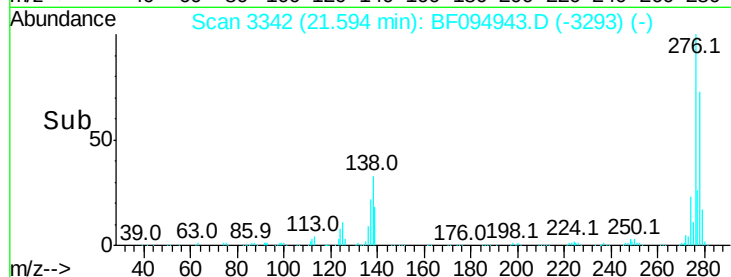
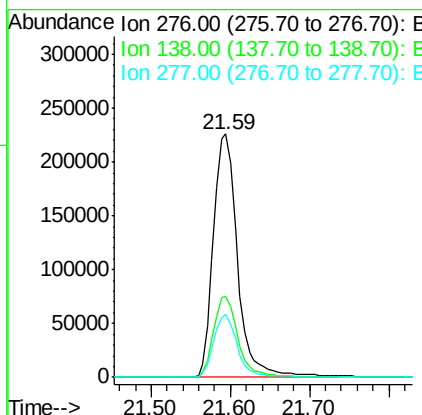
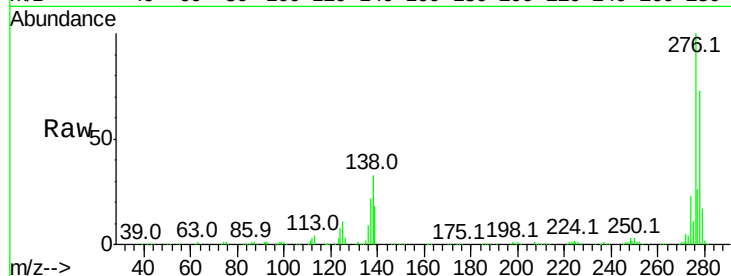




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.61 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

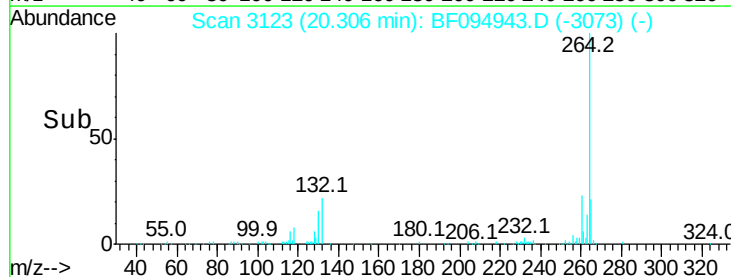
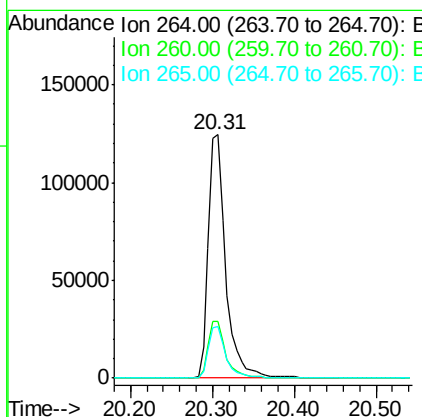
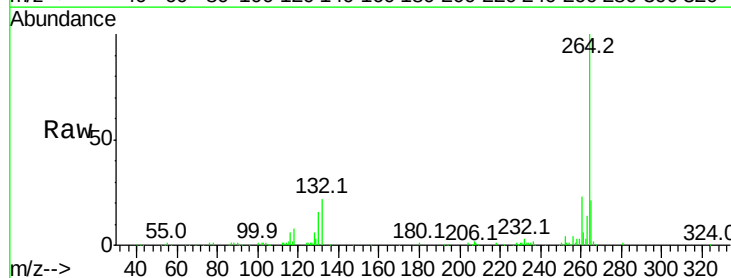
Instrument :
 BNA_F
 ClientSampleId :

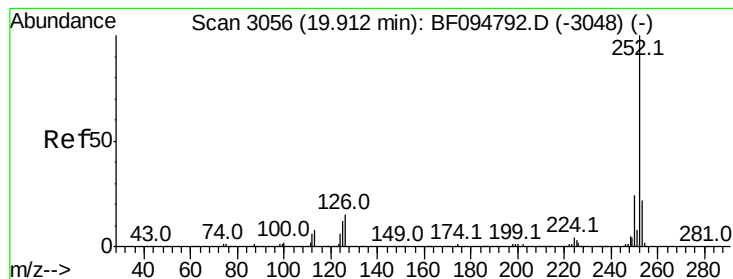
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.8	41.6
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094943.D
 Acq: 6 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.03 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampled :

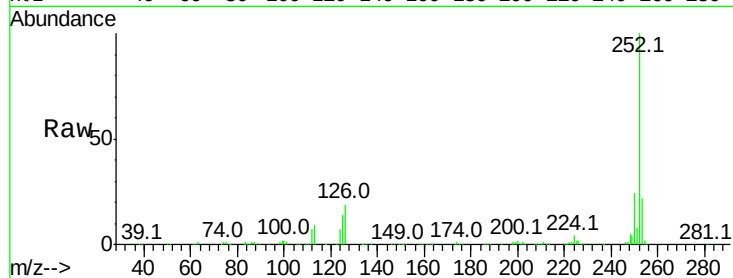
Tot Ion:252 Resp: 466305

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

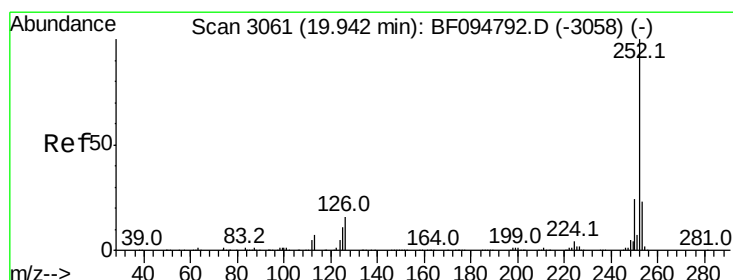
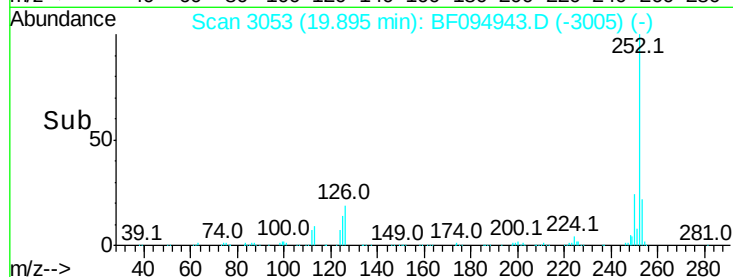
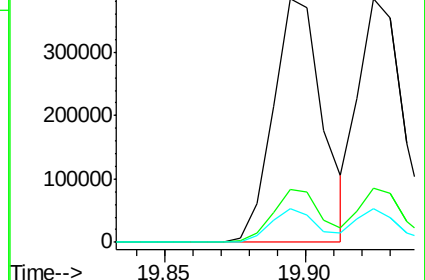
125 13.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.19 ng

RT: 19.92 min Scan# 3058

Delta R.T. -0.02 min

Lab File: BF094943.D

Acq: 6 May 2017 5:20

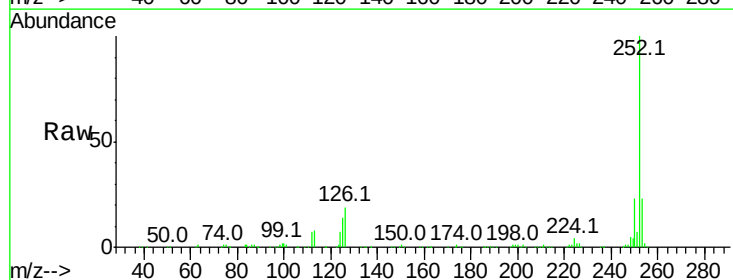
Tgt Ion:252 Resp: 440533

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

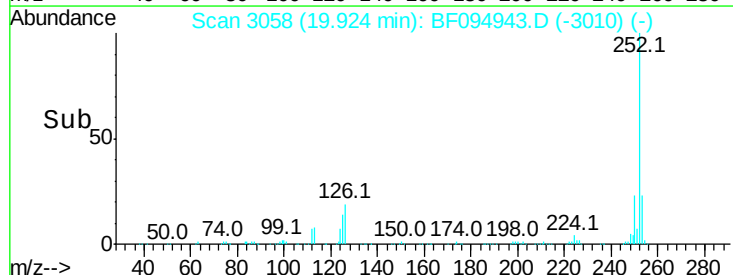
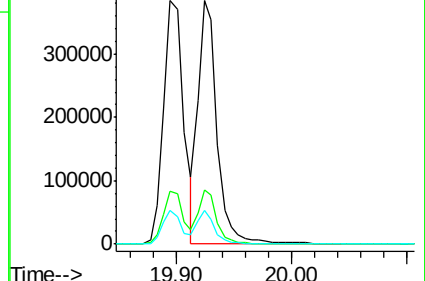
125 13.9 13.1 19.7

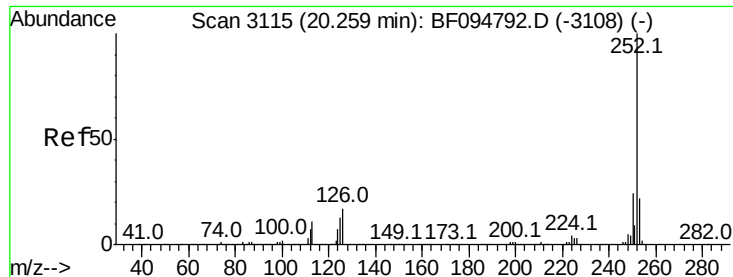


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

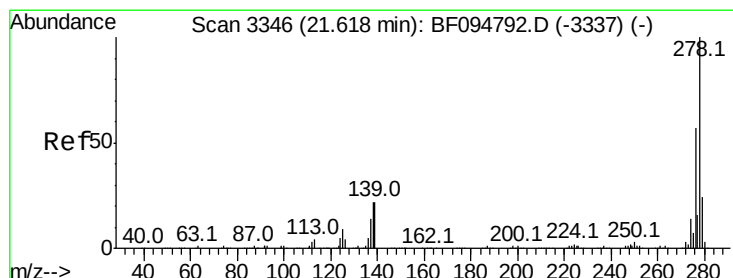
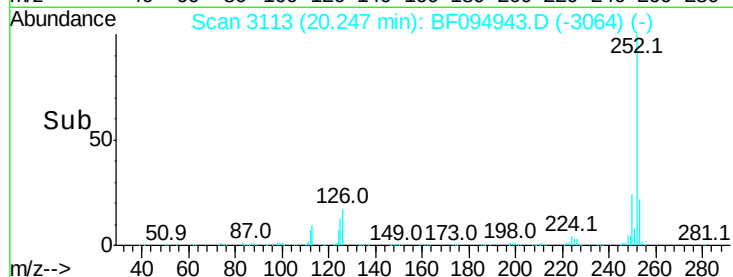
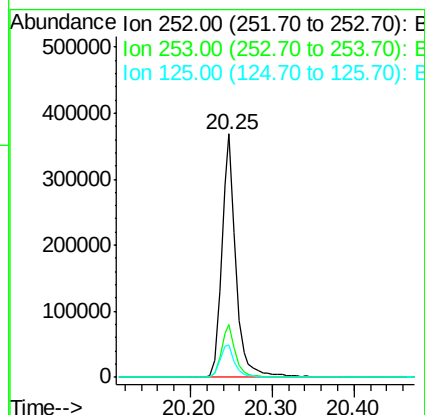
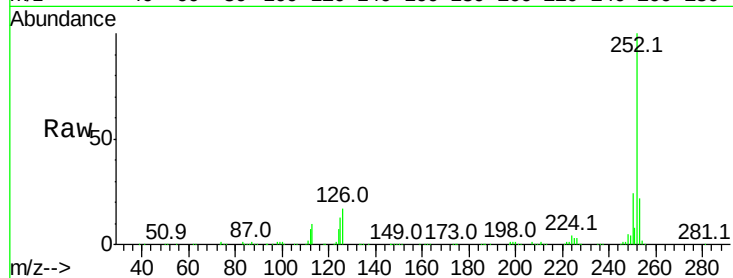




#89
Benzo(a)pyrene
Concen: 41.75 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

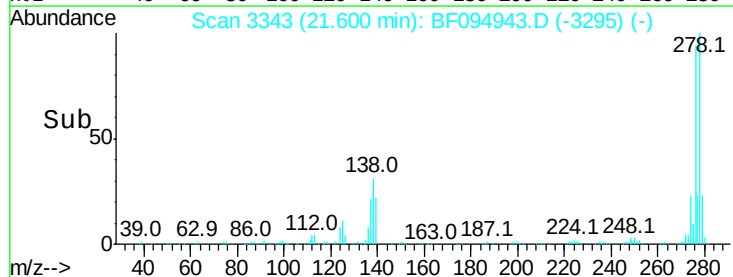
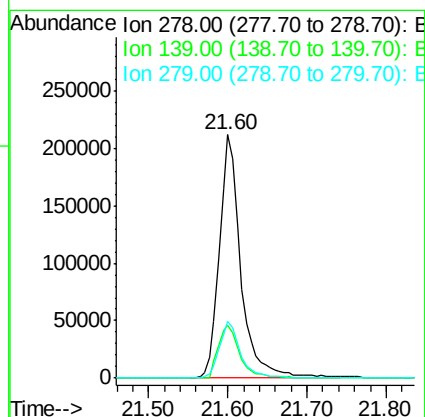
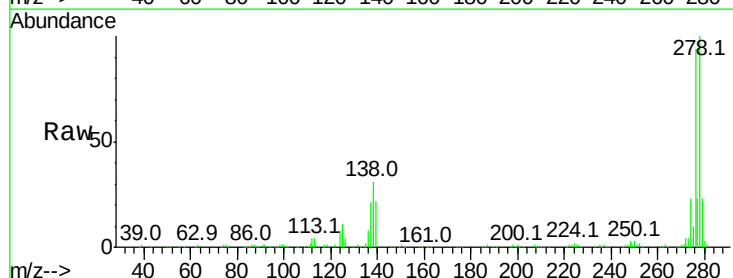
Instrument :
BNA_F
ClientSampleId :

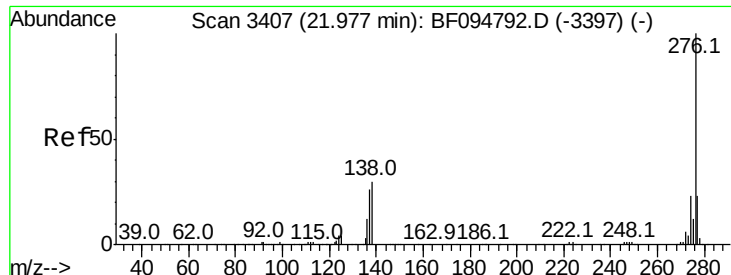
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	13.1	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 46.01 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094943.D
Acq: 6 May 2017 5:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	23.3	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 48.34 ng

RT: 21.97 min Scan# 3405

Delta R.T. -0.01 min

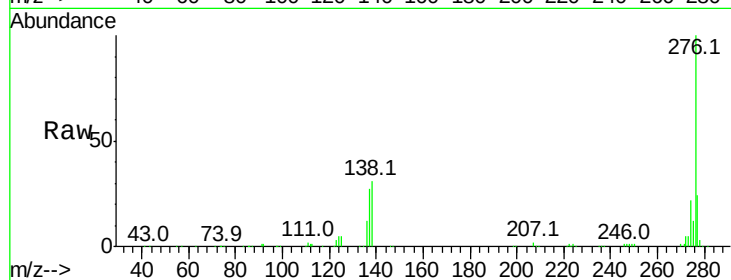
Lab File: BF094943.D

Acq: 6 May 2017 5:20

Instrument :

BNA_F

ClientSampleId :



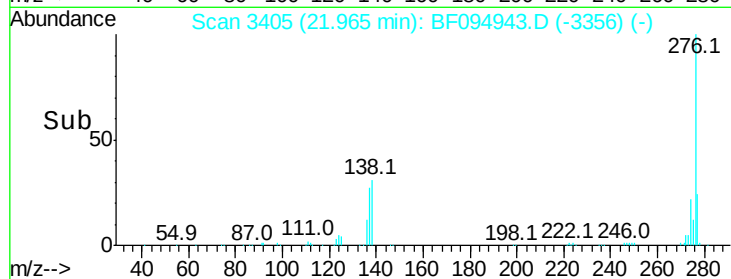
Tot Ion: 276 Resp: 410767

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 30.9 25.4 38.0



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

