

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095056.D
 Acq On : 10 May 2017 14:52
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 16:41:14 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	7.71	152	90320	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	378198	20.00	ng	-0.02
38) Acenaphthene-d10	12.55	164	177823	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	306512	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	256430	20.00	ng	-0.02
86) Perylene-d12	20.30	264	205989	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	438356	80.92	ng	-0.03
7) Phenol-d6	7.25	99	532027	81.85	ng	-0.03
23) Nitrobenzene-d5	8.61	82	477521	79.62	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	118015	81.04	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	947538	76.70	ng	-0.02
78) Terphenyl-d14	17.29	244	905068	77.74	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.06	88	110805	41.70	ng	94
3) Pyridine	2.73	79	235504	38.25	ng	94
4) n-Nitrosodimethylamine	2.66	42	97740	38.08	ng	80
6) Aniline	7.21	93	328283	40.01	ng	97
8) 2-Chlorophenol	7.40	128	252760	40.99	ng	96
9) Benzaldehyde	7.02	77	156814	39.51	ng	97
10) Phenol	7.27	94	265958	38.83	ng	89
11) bis(2-Chloroethyl)ether	7.34	93	225716	39.92	ng	94
12) 1,3-Dichlorobenzene	7.61	146	286712	40.99	ng	97
13) 1,4-Dichlorobenzene	7.73	146	287332	40.51	ng	96
14) 1,2-Dichlorobenzene	7.97	146	275071	41.54	ng	97
15) Benzyl Alcohol	8.00	79	185267	44.31	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	311807	38.96	ng	71
17) 2-Methylphenol	8.21	107	208669	41.35	ng	94
18) Hexachloroethane	8.48	117	95782	39.86	ng	# 84
19) n-Nitroso-di-n-propylamine	8.42	70	175309	39.88	ng	94
20) 3+4-Methylphenols	8.46	107	276188	40.28	ng	# 58
22) Acetophenone	8.38	105	354953	39.12	ng	# 83
24) Nitrobenzene	8.64	77	247574	39.38	ng	93
25) Isophorone	9.04	82	421431	39.35	ng	96
26) 2-Nitrophenol	9.15	139	139366	41.08	ng	97
27) 2,4-Dimethylphenol	9.28	122	217436	39.65	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	292380	39.47	ng	100
29) 2,4-Dichlorophenol	9.57	162	201354	38.88	ng	99
30) 1,2,4-Trichlorobenzene	9.65	180	223745	40.33	ng	99
31) Naphthalene	9.77	128	766053	40.30	ng	99
32) Benzoic acid	9.61	122	123752	35.81	ng	94
33) 4-Chloroaniline	9.90	127	305840	43.18	ng	94
34) Hexachlorobutadiene	9.98	225	115581	39.48	ng	97
35) Caprolactam	10.52	113	46913	30.17	ng	93
36) 4-Chloro-3-methylphenol	10.75	107	246026	44.44	ng	87
37) 2-Methylnaphthalene	10.89	142	531286	42.59	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	216881	39.66	ng	99
40) Hexachlorocyclopentadiene	11.14	237	65265	32.30	ng	98

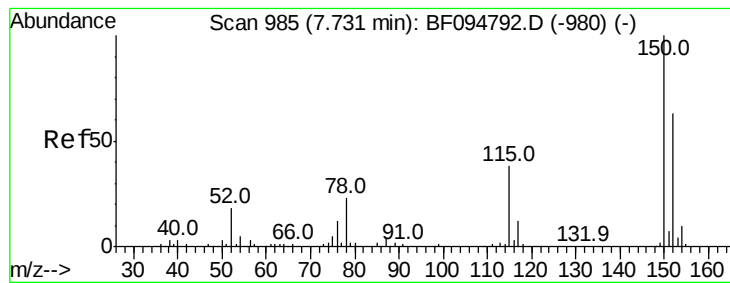
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095056.D
 Acq On : 10 May 2017 14:52
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Quant Time: May 10 16:41:14 2017
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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	11.39	196	147619	40.43	nq	98
43) 2,4,5-Trichlorophenol	11.48	196	145911	37.18	nq	# 93
45) 1,1'-Biphenyl	11.65	154	614849	41.07	nq	98
46) 2-Chloronaphthalene	11.67	162	489777	40.51	nq	96
47) 2-Nitroaniline	11.88	65	138887	41.98	nq	# 85
48) Acenaphthylene	12.33	152	757446	40.00	nq	98
49) Dimethylphthalate	12.20	163	570444	39.08	nq	100
50) 2,6-Dinitrotoluene	12.29	165	121752	40.88	nq	96
51) Acenaphthene	12.61	154	447385	39.56	nq	98
52) 3-Nitroaniline	12.57	138	136118	42.58	nq	89
53) 2,4-Dinitrophenol	12.77	184	54884	37.09	nq	# 69
54) Dibenzofuran	12.90	168	629140	40.20	nq	98
55) 4-Nitrophenol	12.89	139	231371	120.51	nq	# 27
56) 2,4-Dinitrotoluene	12.96	165	159287	41.62	nq	# 93
57) Fluorene	13.45	166	534697	39.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	97479	39.47	nq	98
59) Diethylphthalate	13.35	149	547692	39.14	nq	100
60) 4-Chlorophenyl-phenylether	13.48	204	228568	38.22	nq	92
61) 4-Nitroaniline	13.57	138	123986	42.25	nq	97
62) Azobenzene	13.74	77	447231	39.78	nq	95
64) 4,6-Dinitro-2-methylphenol	13.62	198	83655	40.71	nq	# 67
65) n-Nitrosodiphenylamine	13.69	169	453766	40.79	nq	99
66) 4-Bromophenyl-phenylether	14.27	248	129321	39.94	nq	98
67) Hexachlorobenzene	14.35	284	131715	39.69	nq	# 87
68) Atrazine	14.61	200	130237	41.46	nq	95
69) Pentachlorophenol	14.71	266	47735	35.34	nq	97
70) Phenanthrene	15.00	178	718029	40.77	nq	99
71) Anthracene	15.08	178	748349	41.60	nq	98
72) Carbazole	15.37	167	675381	41.26	nq	97
73) Di-n-butylphthalate	15.93	149	836138	40.96	nq	99
74) Fluoranthene	16.74	202	764097	42.30	nq	100
76) Benzidine	16.97	184	128110	22.53	nq	# 94
77) Pyrene	17.04	202	787365	41.06	nq	100
79) Butylbenzylphthalate	17.95	149	346265	38.82	nq	91
80) Benzo(a)anthracene	18.62	228	581314	38.95	nq	99
81) 3,3'-Dichlorobenzidine	18.60	252	207793	40.31	nq	# 98
82) Chrysene	18.67	228	597405	41.40	nq	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	505999	39.81	nq	# 100
84) Di-n-octyl phthalate	19.46	149	793747	38.09	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	420780	35.91	nq	100
87) Benzo(b)fluoranthene	19.89	252	514042	40.39	nq	98
88) Benzo(k)fluoranthene	19.89	252	514042	41.87	nq	96
89) Benzo(a)pyrene	20.24	252	459417	39.12	nq	99
90) Dibenzo(a,h)anthracene	21.59	278	372733	38.43	nq	98
91) Benzo(g,h,i)perylene	21.96	276	377521	39.66	nq	99

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

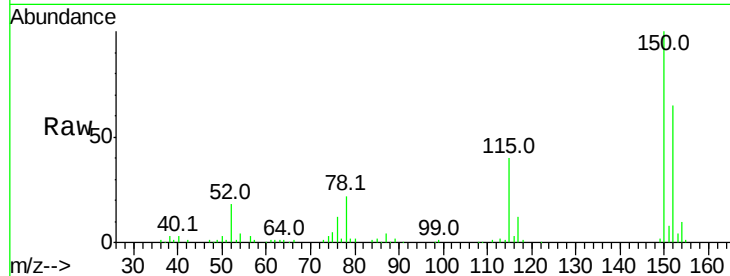


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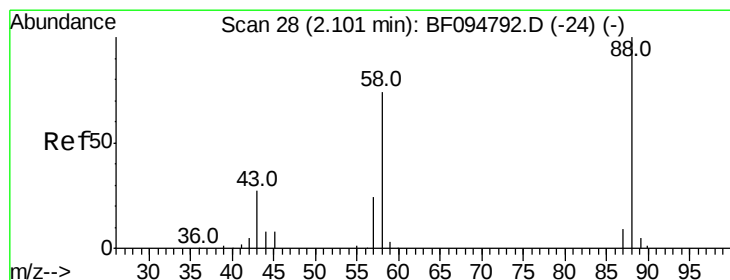
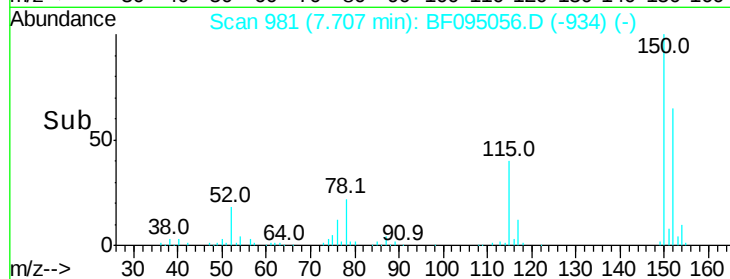
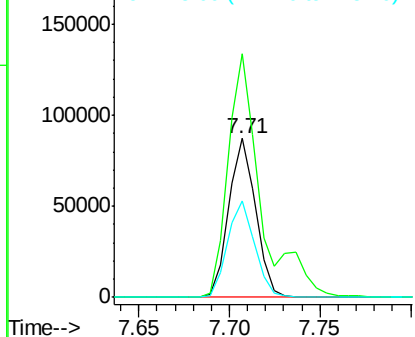
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90320
Ion Ratio Lower Upper
152 100
150 153.2 126.2 189.2
115 60.6 52.2 78.2



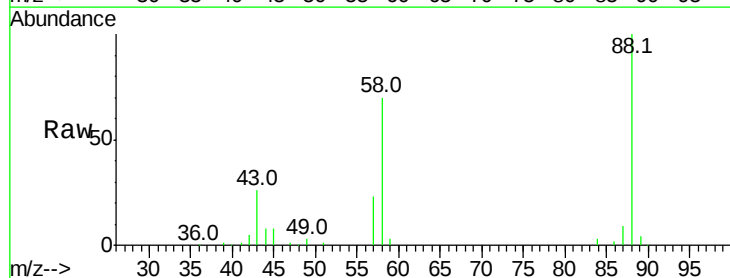
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



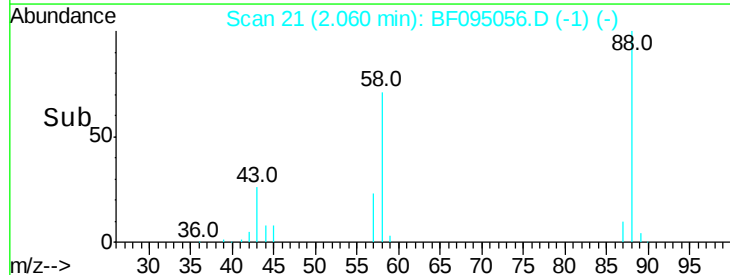
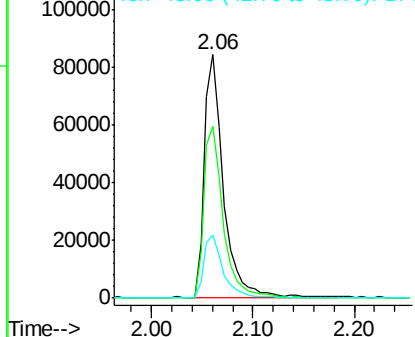
#2

1,4-Dioxane
Concen: 41.70 ng
RT: 2.06 min Scan# 21
Delta R.T. -0.04 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion: 88 Resp: 110805
Ion Ratio Lower Upper
88 100
58 71.3 61.4 92.0
43 26.1 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

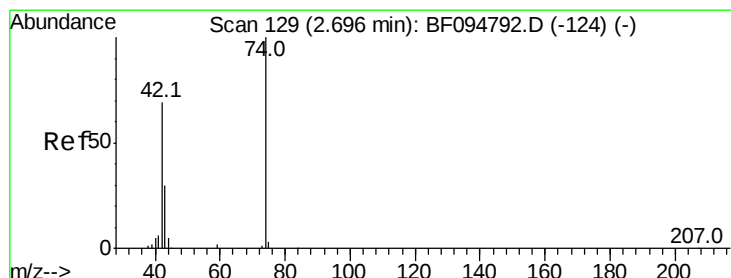
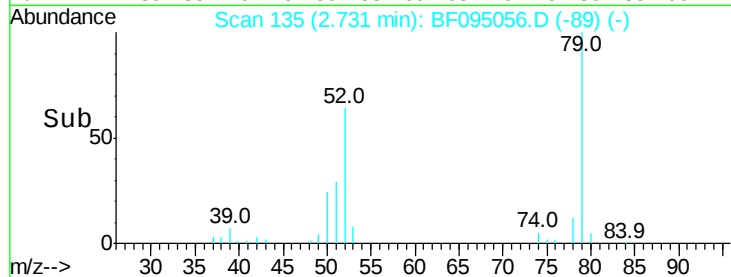
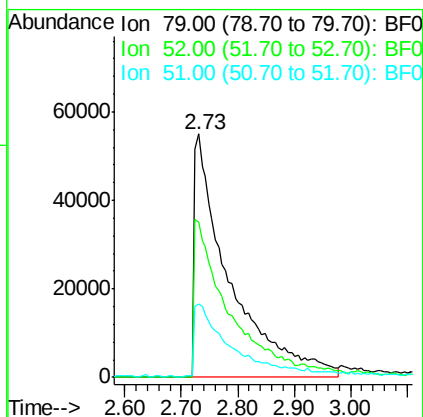
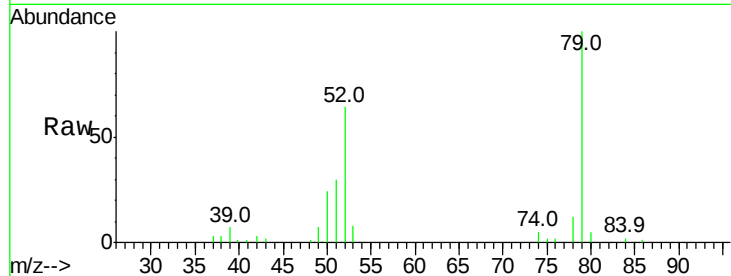




#3
 Pvridine
 Concen: 38.25 ng
 RT: 2.73 min Scan# 135
 Delta R.T. -0.03 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

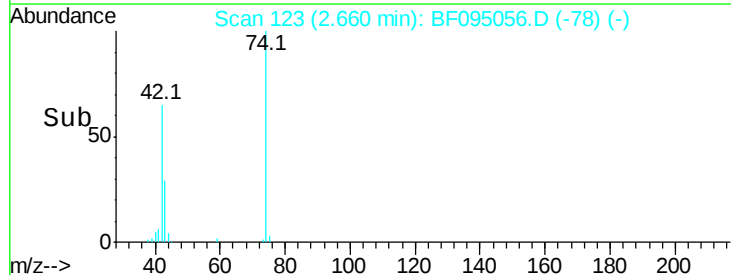
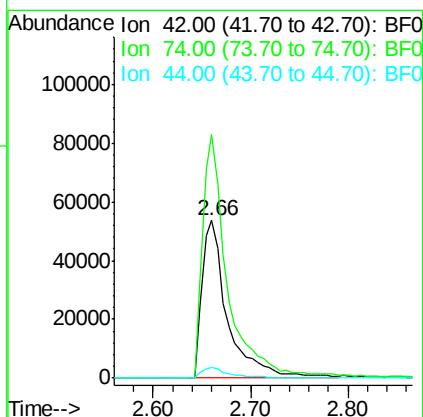
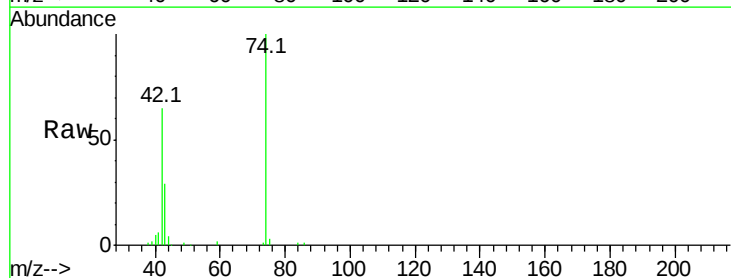
Instrument :
 BNA_F
 ClientSampleId :

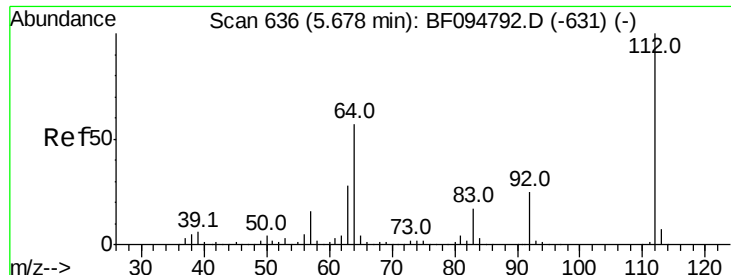
Tot Ion: 79 Resp: 235504
 Ion Ratio Lower Upper
 79 100
 52 63.9 54.8 82.2
 51 30.0 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 38.08 ng
 RT: 2.66 min Scan# 123
 Delta R.T. -0.04 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion: 42 Resp: 97740
 Ion Ratio Lower Upper
 42 100
 74 154.5 103.9 155.9
 44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 80.92 ng

RT: 5.65 min Scan# 631

Delta R.T. -0.03 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampleId :

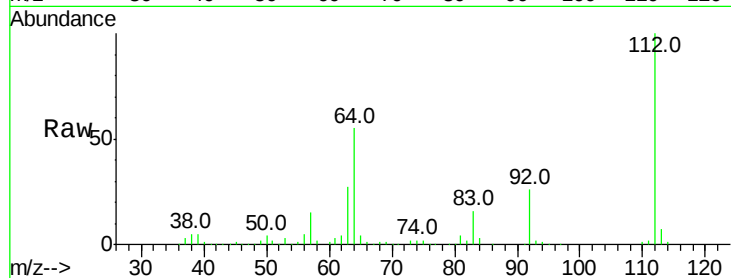
Tot Ion:112 Resp: 438356

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

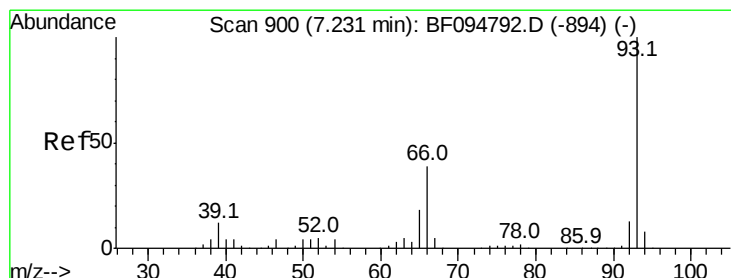
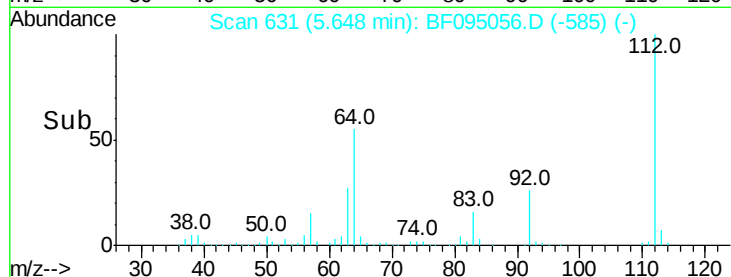
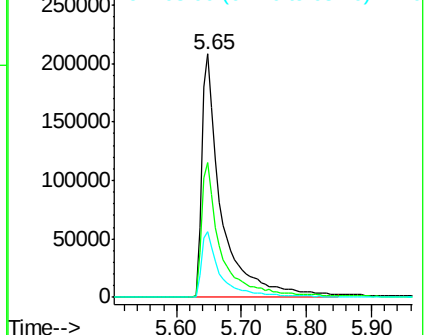
63 27.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.01 ng

RT: 7.21 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

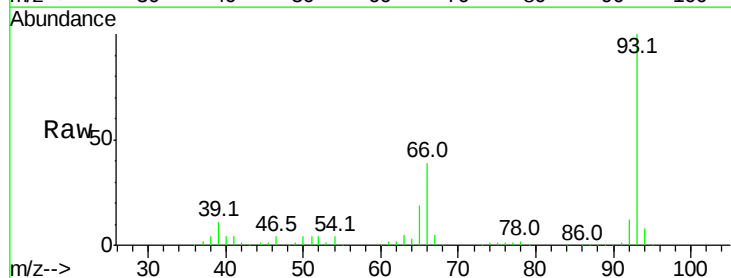
Tgt Ion: 93 Resp: 328283

Ion Ratio Lower Upper

93 100

66 39.3 32.9 49.3

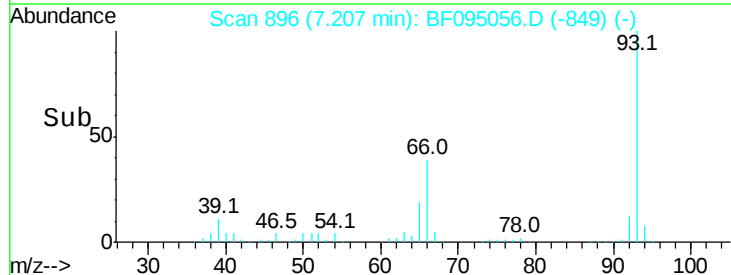
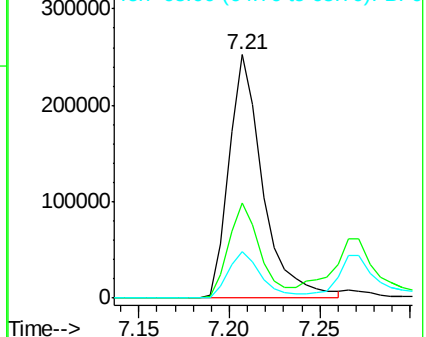
65 18.9 16.0 24.0

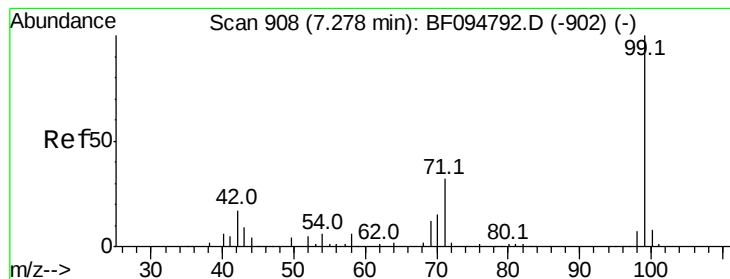


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.85 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampled :

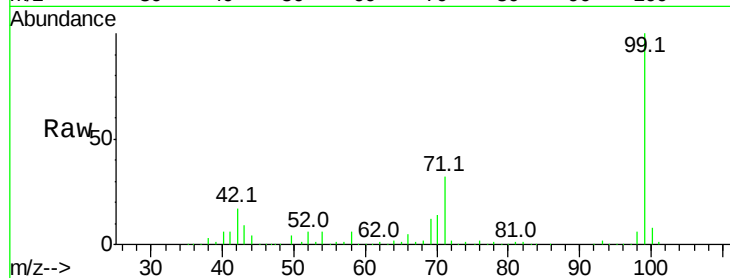
Tot Ion: 99 Resp: 532027

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

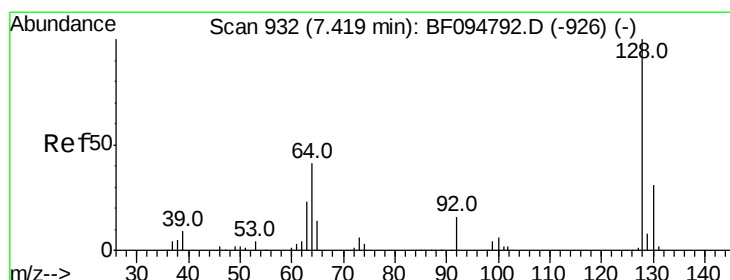
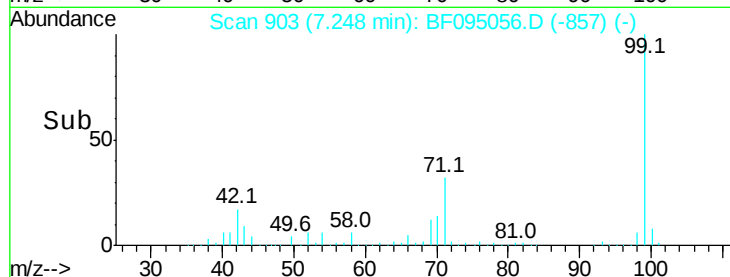
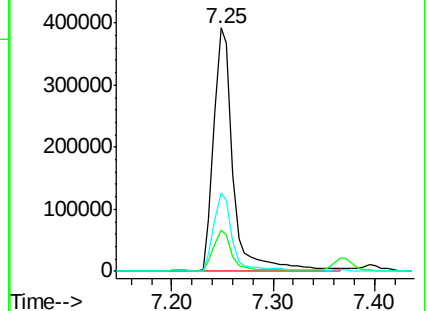
71 32.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.99 ng

RT: 7.40 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

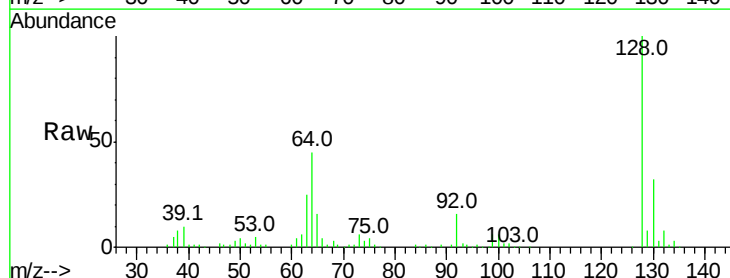
Tgt Ion:128 Resp: 252760

Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

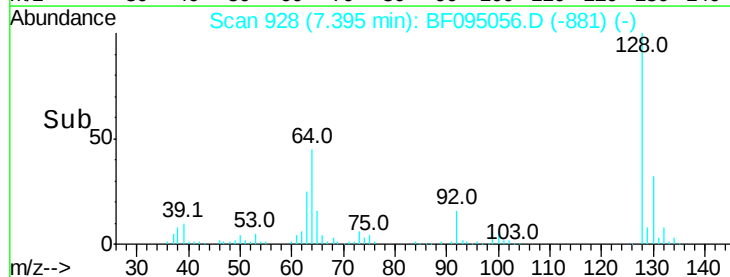
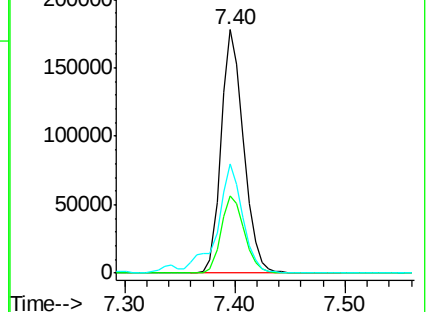
64 44.8 28.4 68.4

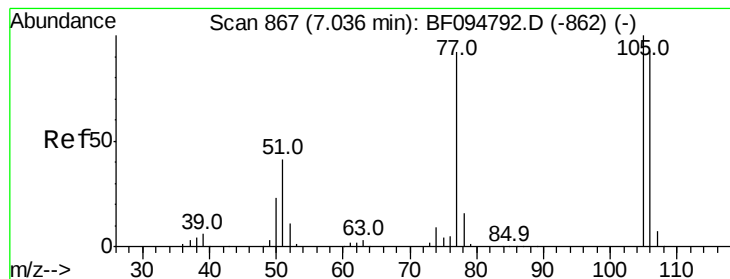


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.51 ng

RT: 7.02 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampled :

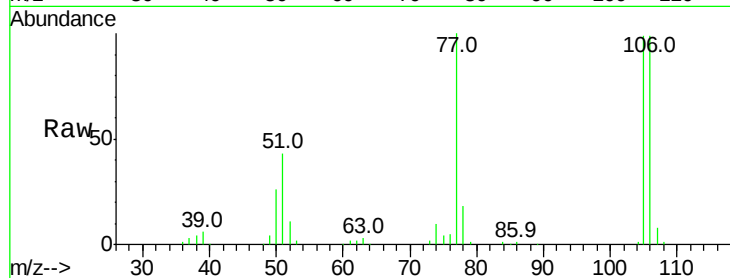
Tot Ion: 77 Resp: 156814

Ion Ratio Lower Upper

77 100

105 98.8 83.8 123.8

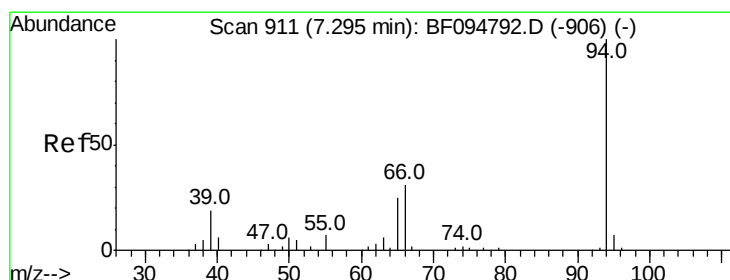
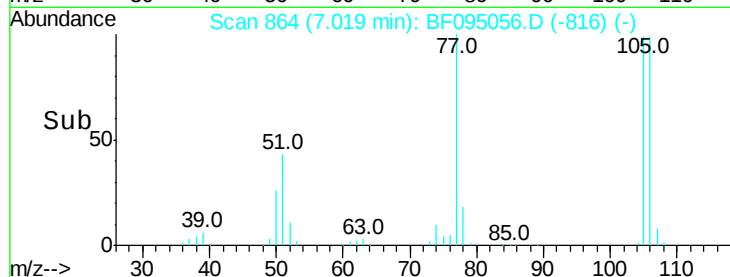
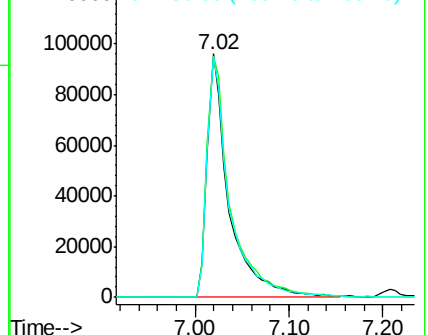
106 99.0 79.1 119.1



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: 38.83 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

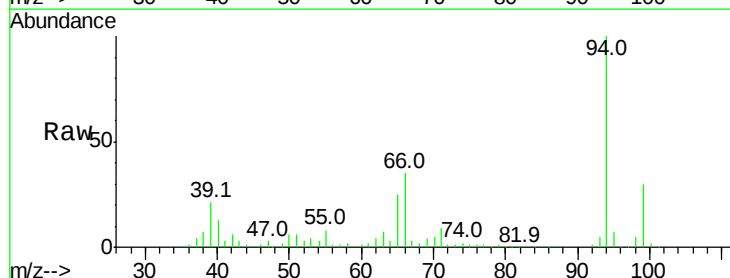
Tgt Ion: 94 Resp: 265958

Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

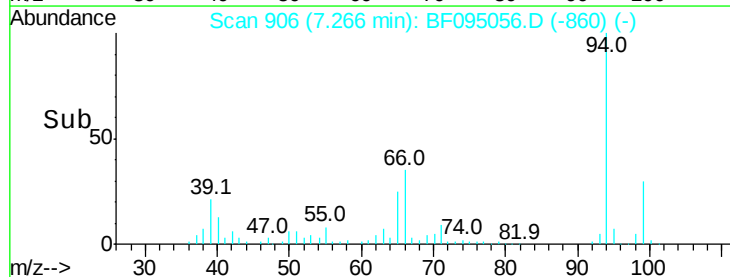
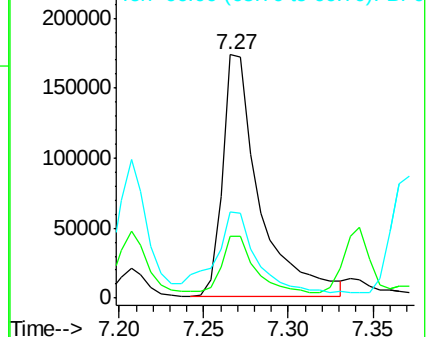
66 35.5 23.1 63.1



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

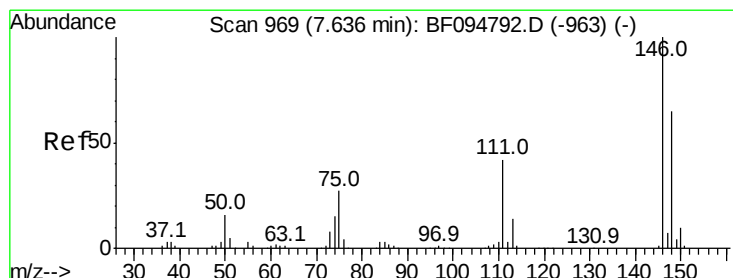
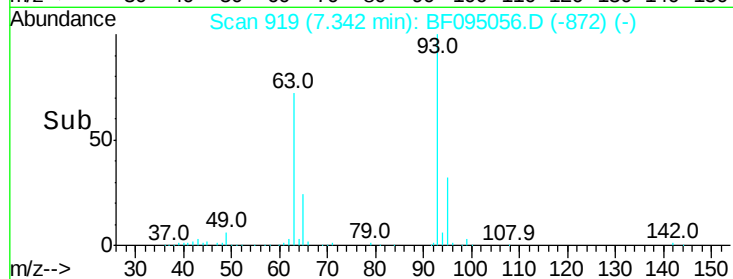
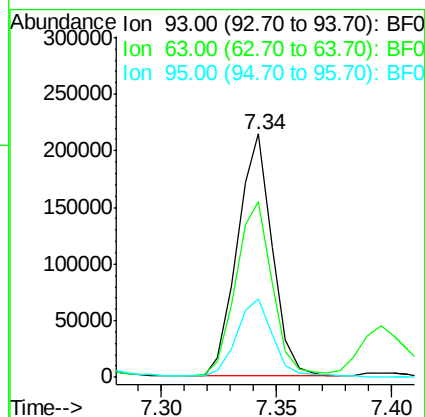
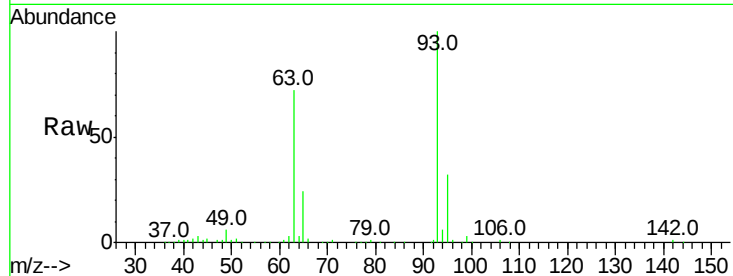




#11
bis(2-Chloroethyl)ether
Concen: 39.92 ng
RT: 7.34 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

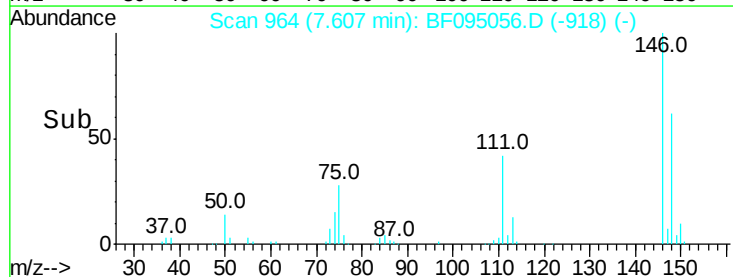
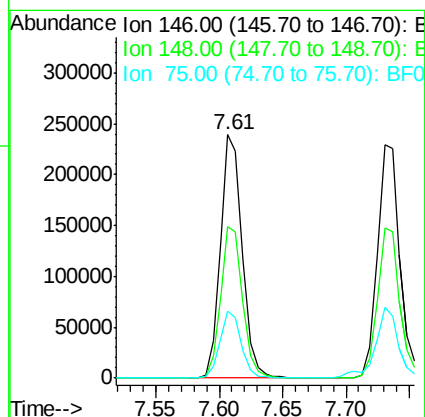
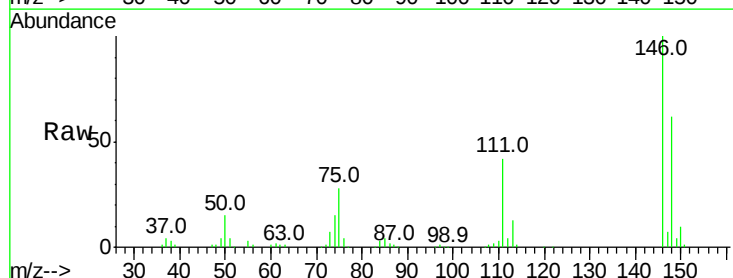
Instrument :
BNA_F
ClientSampled :

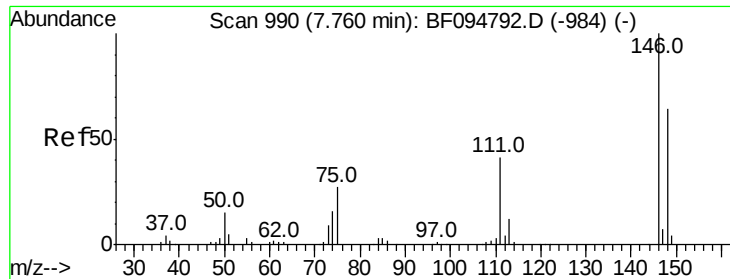
Tot Ion: 93 Resp: 225716
Ion Ratio Lower Upper
93 100
63 72.1 59.2 99.2
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.99 ng
RT: 7.61 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion: 146 Resp: 286712
Ion Ratio Lower Upper
146 100
148 62.2 51.8 77.6
75 27.6 23.1 34.7

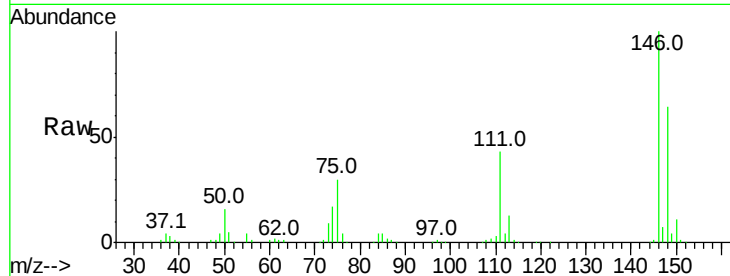




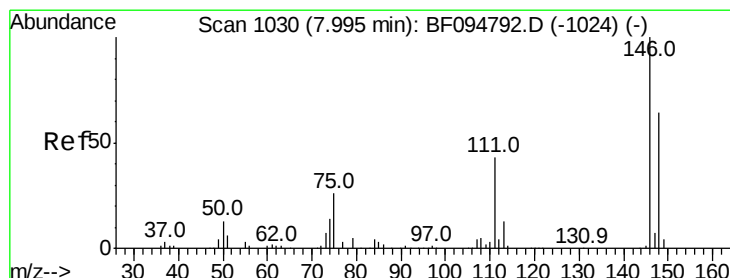
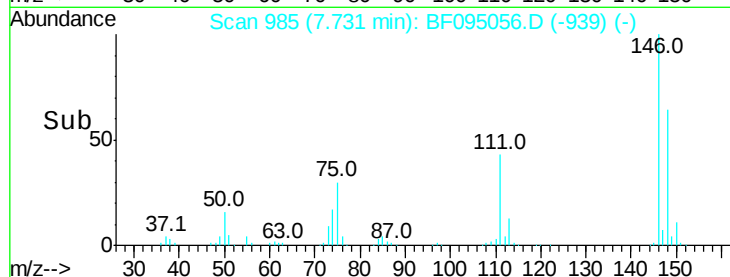
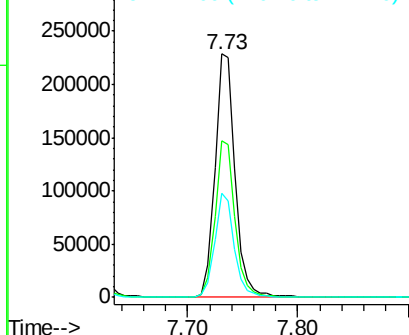
#13
 1,4-Dichlorobenzene
 Concen: 40.51 ng
 RT: 7.73 min Scan# 985
 Delta R.T. -0.03 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 287332
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 43.0 30.3 45.5

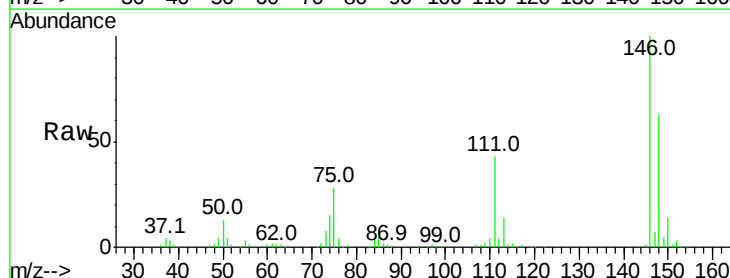


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

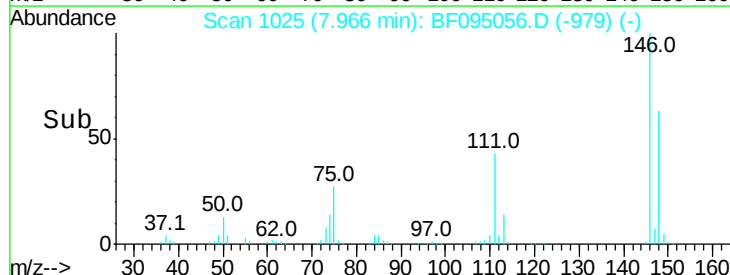
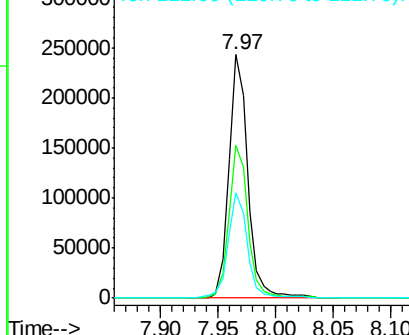


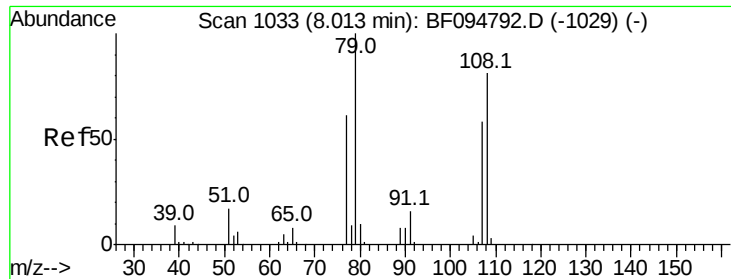
#14
 1,2-Dichlorobenzene
 Concen: 41.54 ng
 RT: 7.97 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion:146 Resp: 275071
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 43.3 38.2 57.4



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

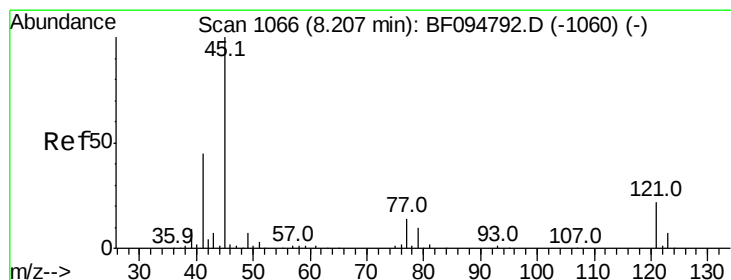
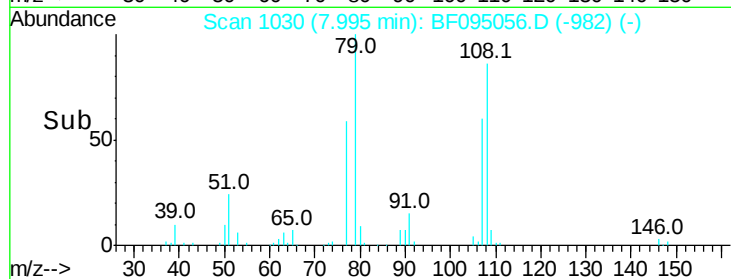
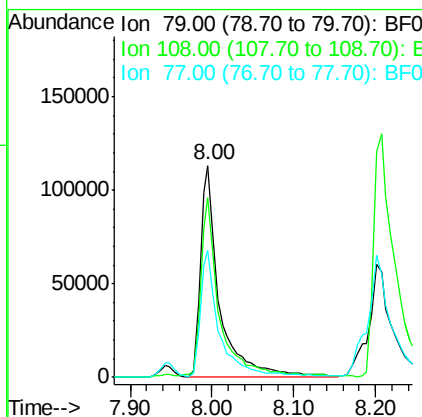
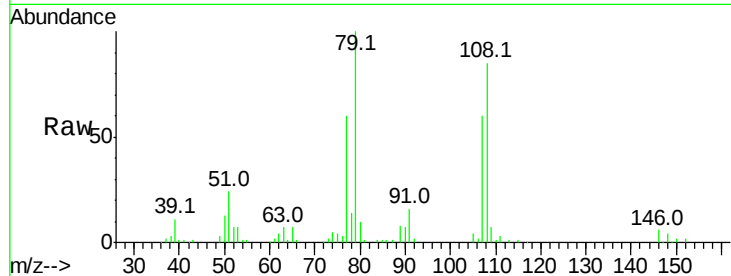




#15
Benzyl Alcohol
Concen: 44.31 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

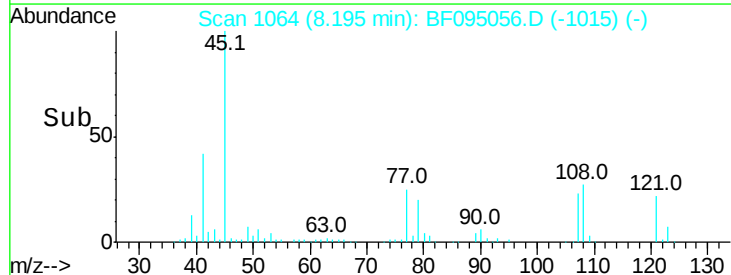
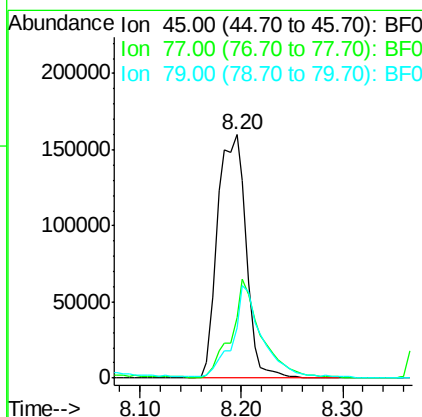
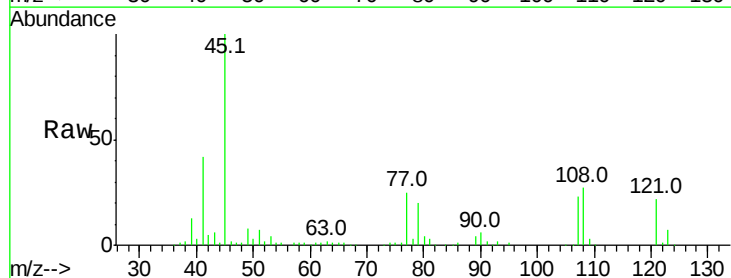
Instrument :
BNA_F
ClientSampleId :

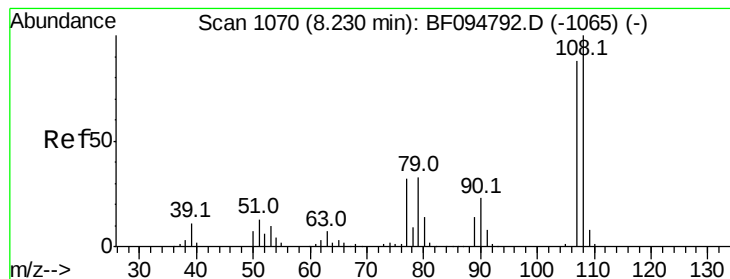
Tot Ion: 79 Resp: 185267
Ion Ratio Lower Upper
79 100
108 85.0 63.4 95.0
77 59.7 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.96 ng
RT: 8.20 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion: 45 Resp: 311807
Ion Ratio Lower Upper
45 100
77 24.7 0.0 33.2
79 20.5 0.0 30.0





#17

2-Methylphenol

Concen: 41.35 ng

RT: 8.21 min Scan# 1066

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 208669

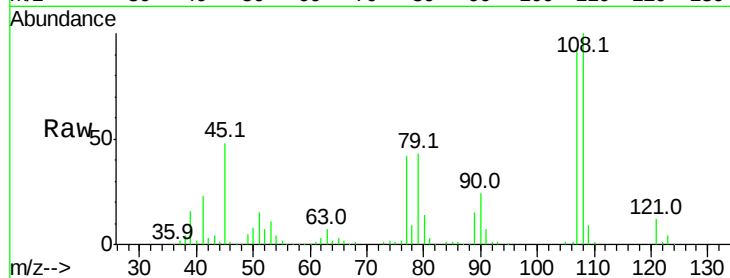
Ion Ratio Lower Upper

107 100

108 108.5 93.4 140.0

77 45.8 35.8 53.6

79 47.1 34.8 52.2

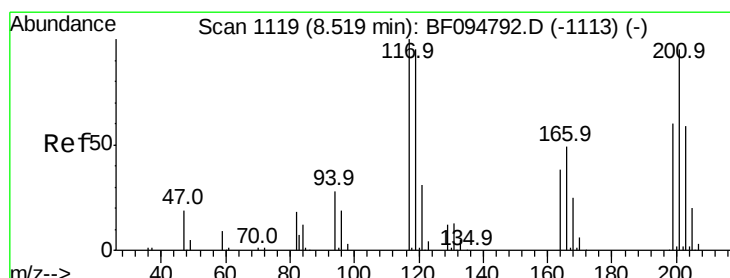
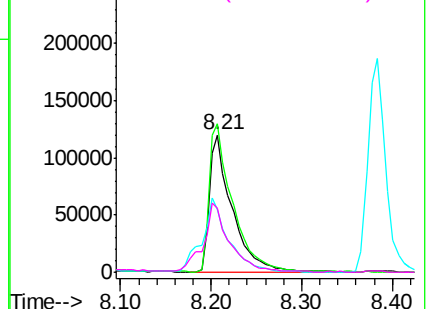
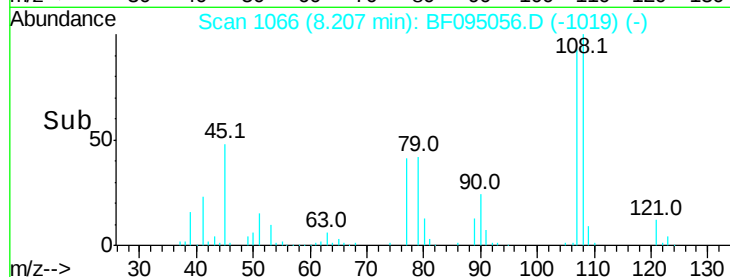


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.86 ng

RT: 8.48 min Scan# 1113

Delta R.T. -0.04 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

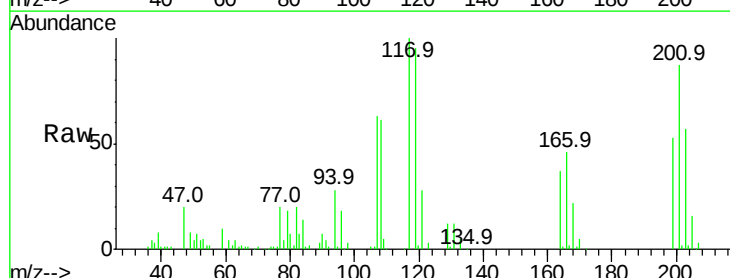
Tgt Ion:117 Resp: 95782

Ion Ratio Lower Upper

117 100

119 95.4 77.4 116.0

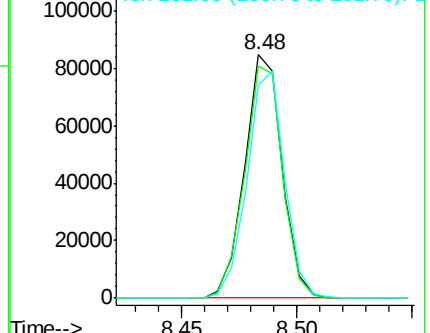
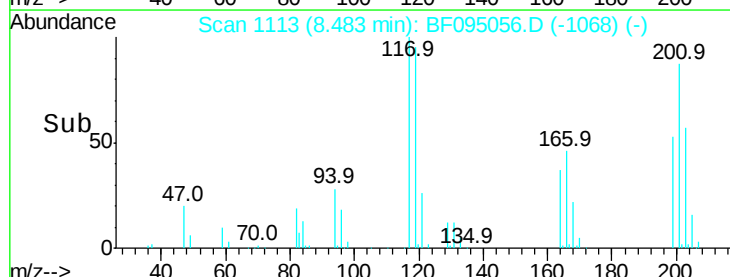
201 87.5 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

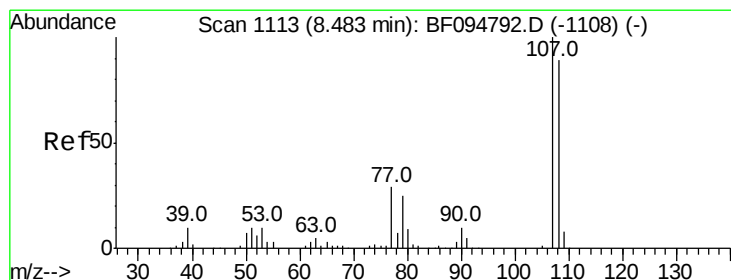
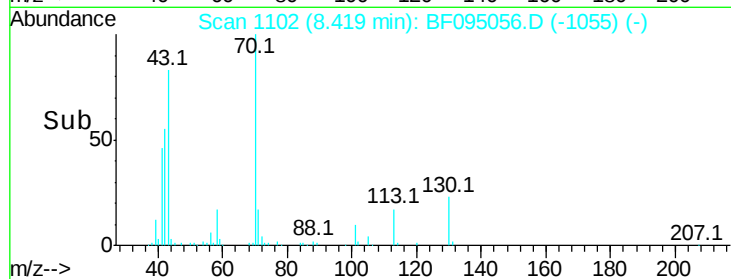
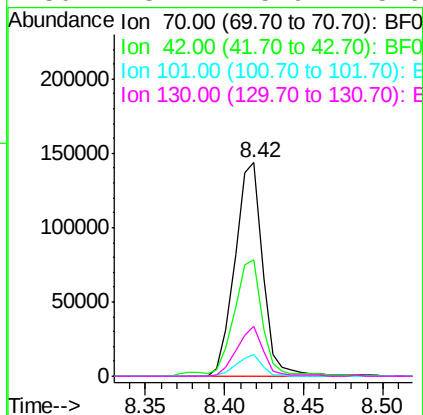
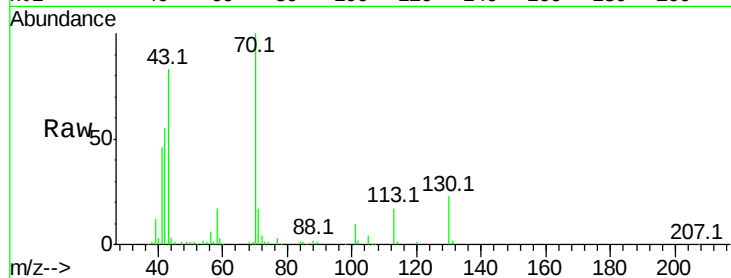




#19
n-Nitroso-di-n-propylamine
Concen: 39.88 ng
RT: 8.42 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

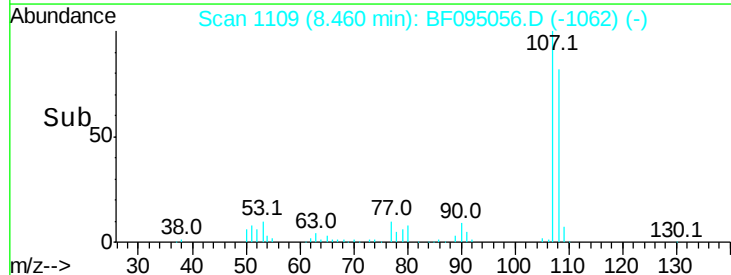
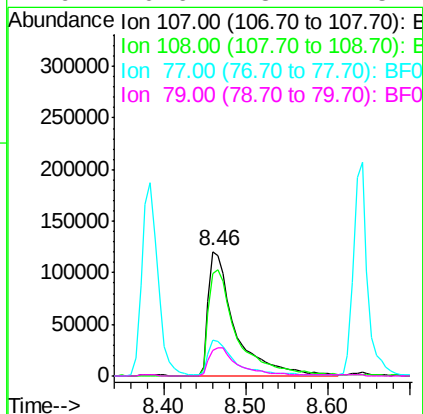
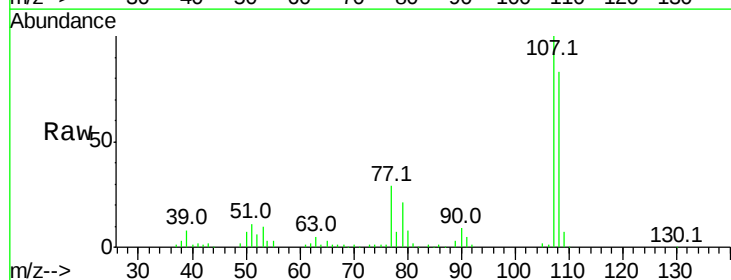
Instrument :
BNA_F
ClientSampleId :

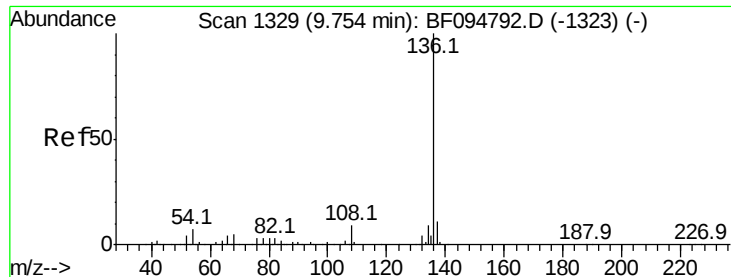
Tot Ion: 70 Resp: 175309
Ion Ratio Lower Upper
70 100
42 54.8 47.2 70.8
101 10.1 7.2 10.8
130 23.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 40.28 ng
RT: 8.46 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion:107 Resp: 276188
Ion Ratio Lower Upper
107 100
108 82.6 71.0 111.0
77 28.9 90.5 130.5#
79 20.6 8.4 48.4

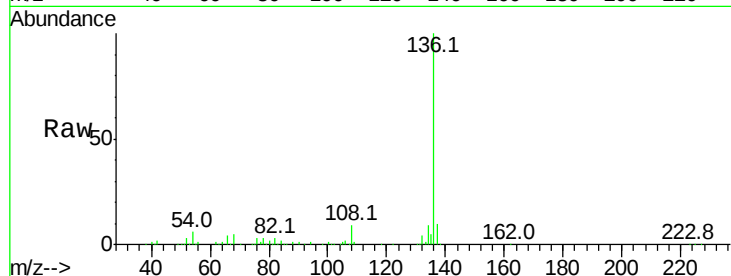




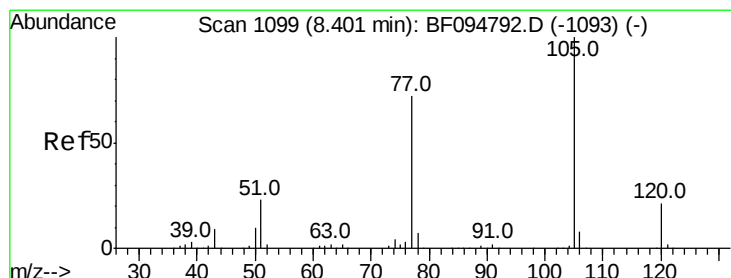
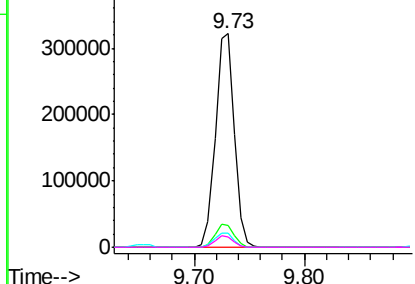
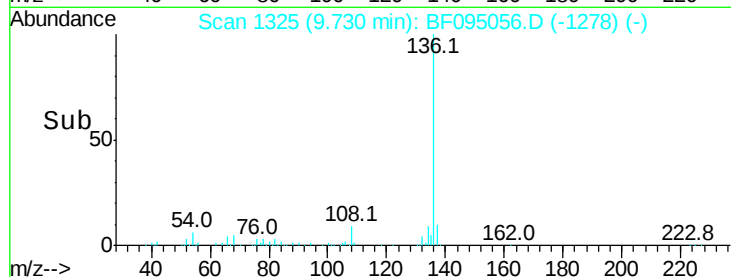
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	378198
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	6.4	4.9 7.3
68	4.6	4.1 6.1

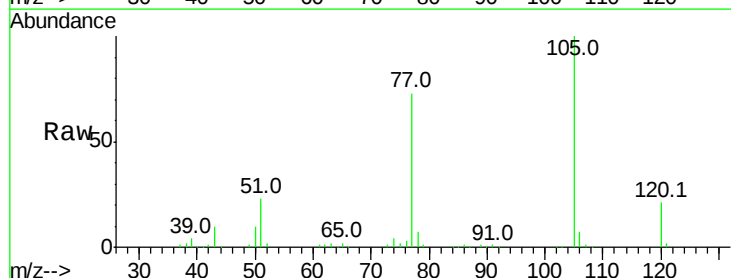


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

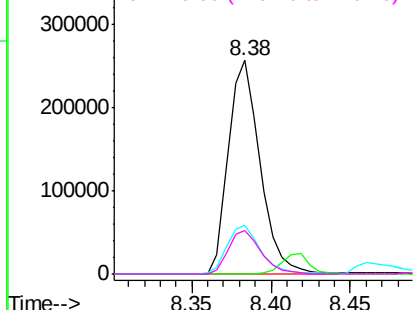
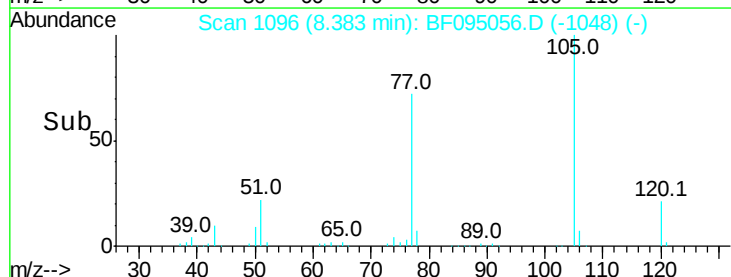


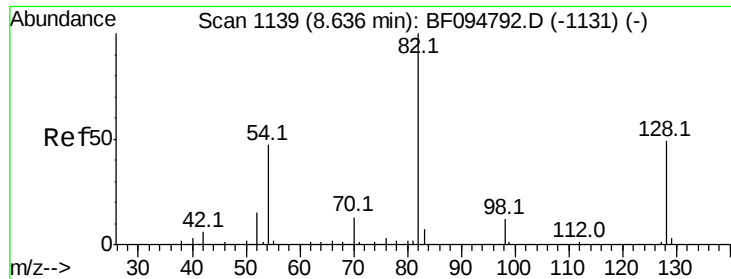
#22
Acetophenone
Concen: 39.12 ng
RT: 8.38 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion:105	Resp:	354953
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	22.6	30.7 46.1#
120	20.6	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

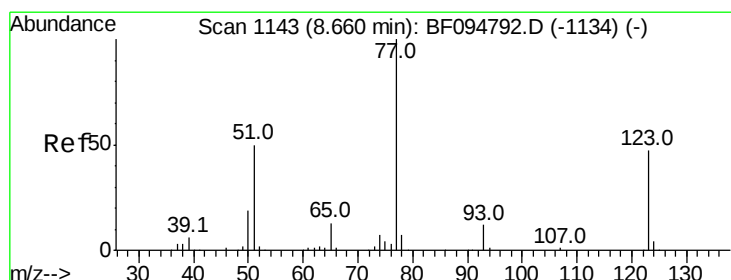
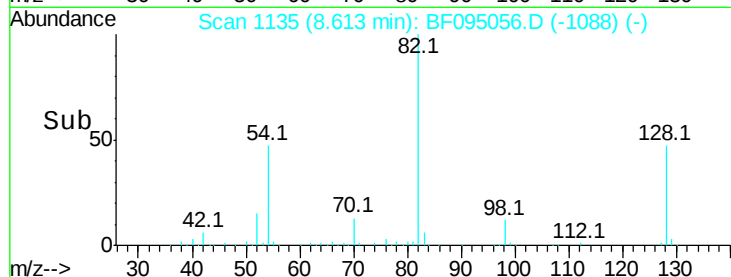
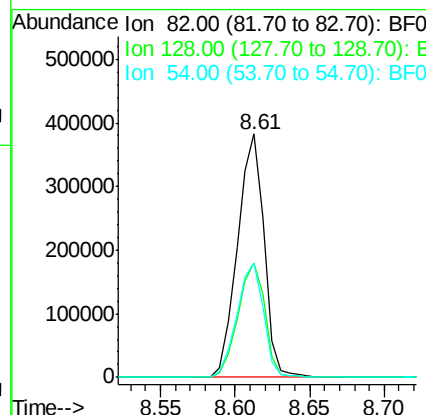
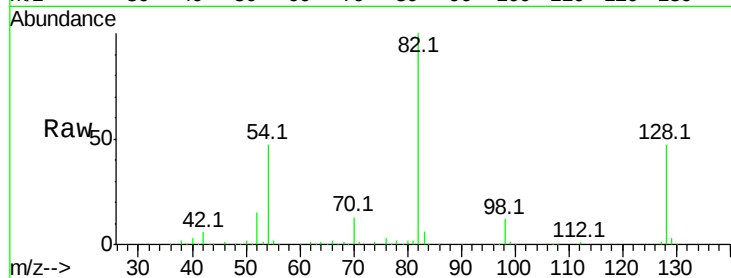




#23
 Nitrobenzene-d5
 Concen: 79.62 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

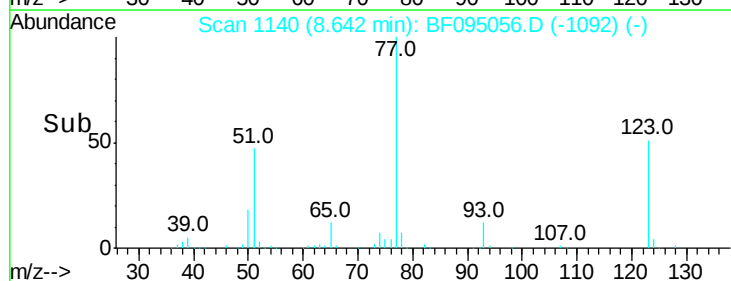
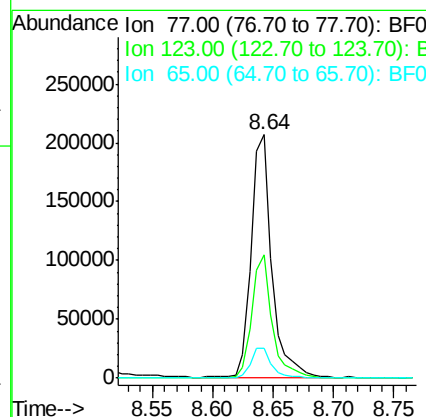
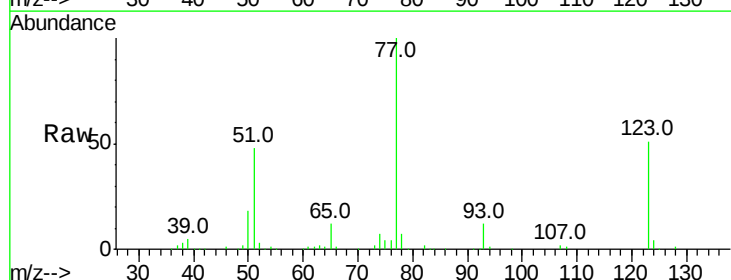
Instrument :
 BNA_F
 ClientSampleId :

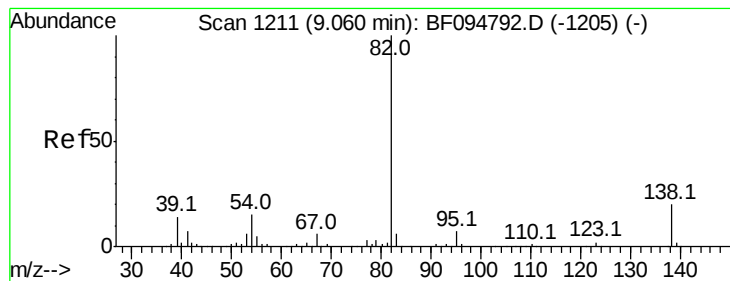
Tot Ion: 82 Resp: 477521
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 46.7 42.2 63.2



#24
 Nitrobenzene
 Concen: 39.38 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion: 77 Resp: 247574
 Ion Ratio Lower Upper
 77 100
 123 50.6 35.8 53.8
 65 12.3 10.6 15.8





#25

Isophorone

Concen: 39.35 ng

RT: 9.04 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampleId :

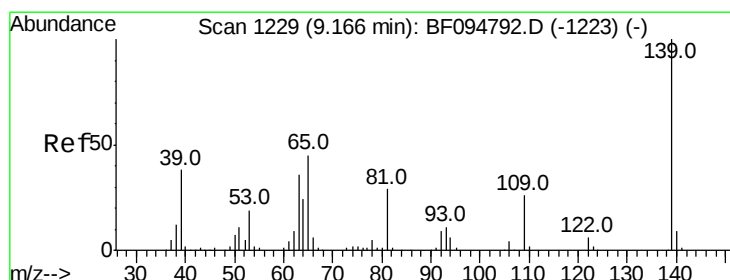
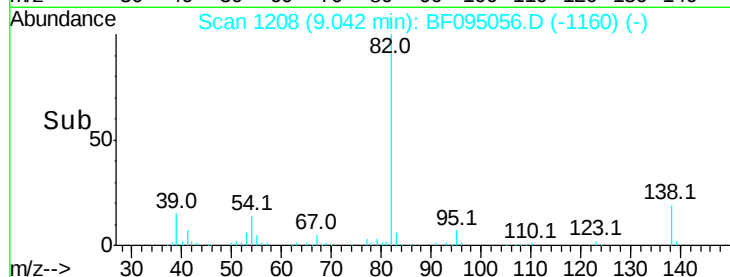
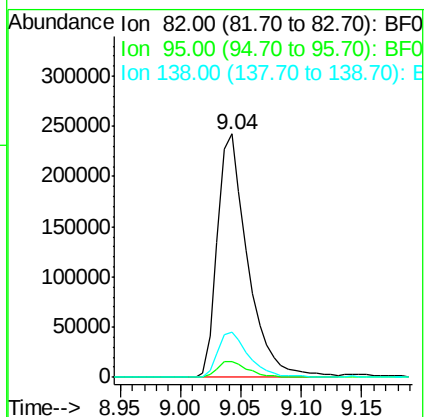
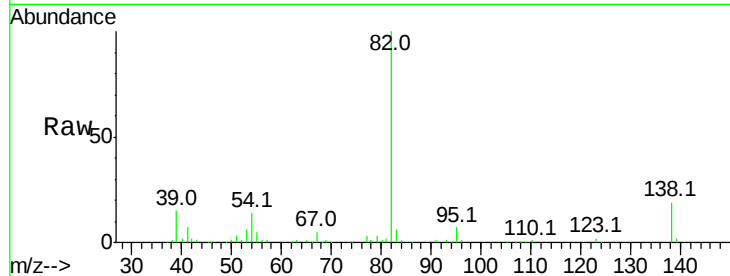
Tot Ion: 82 Resp: 421431

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 41.08 ng

RT: 9.15 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

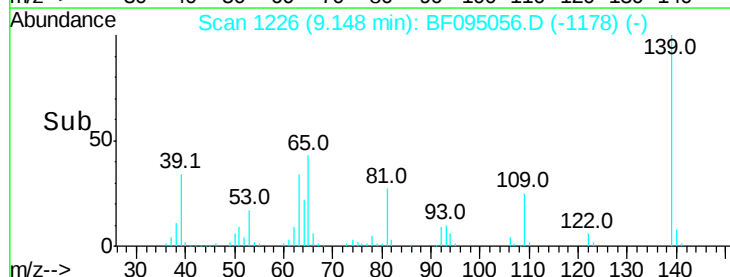
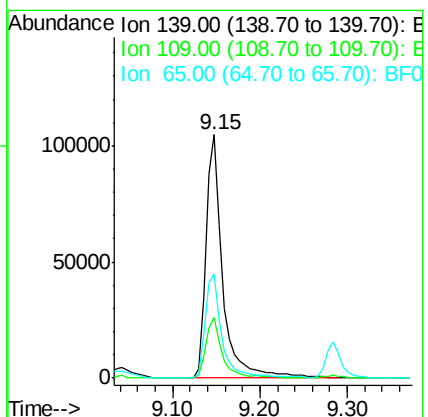
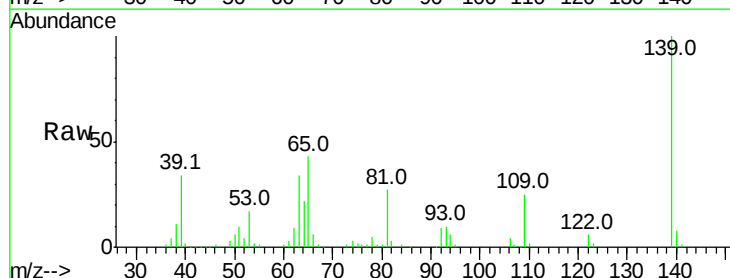
Tgt Ion: 139 Resp: 139366

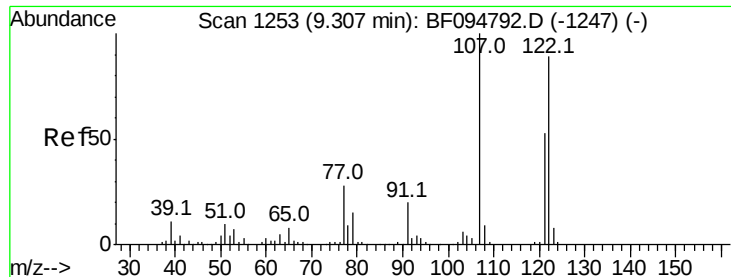
Ion Ratio Lower Upper

139 100

109 24.6 21.0 31.6

65 42.8 33.0 49.6

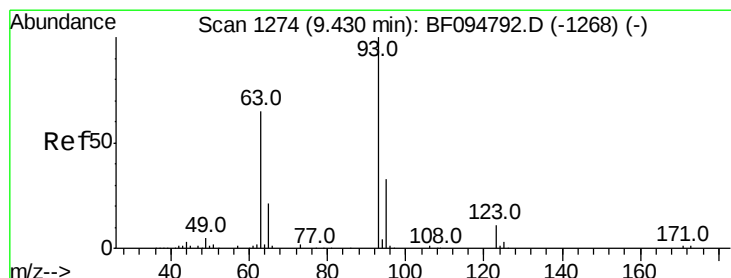
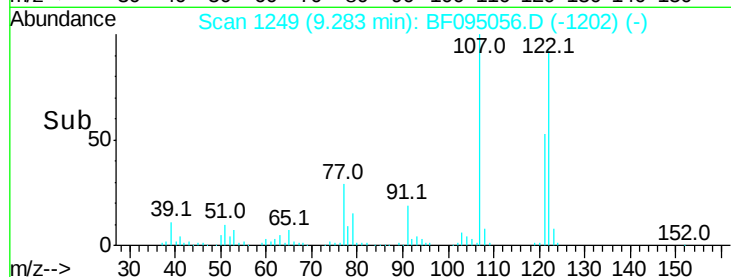
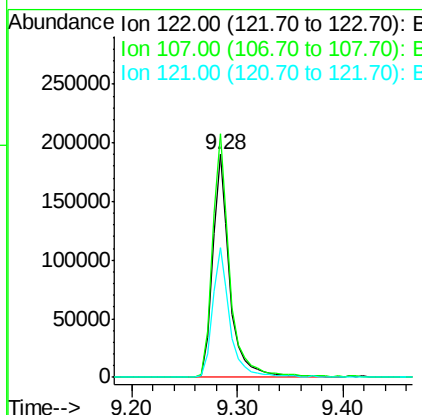
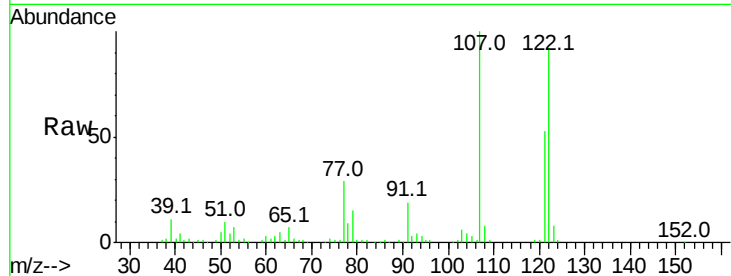




#27
 2,4-Dimethylphenol
 Concen: 39.65 ng
 RT: 9.28 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

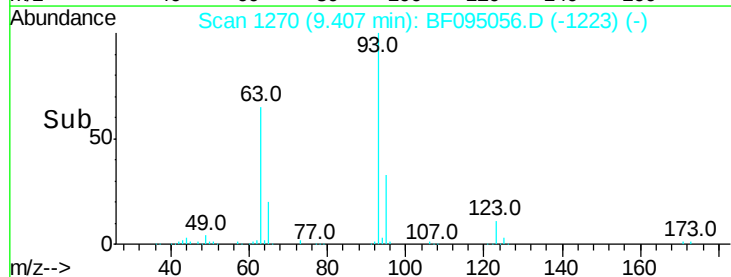
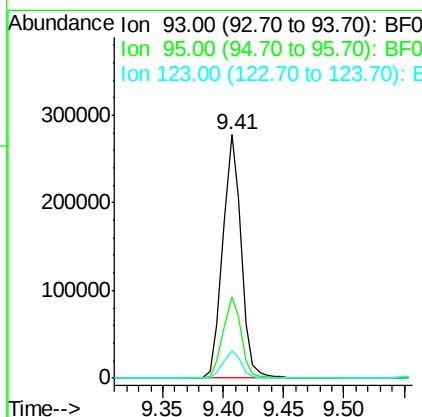
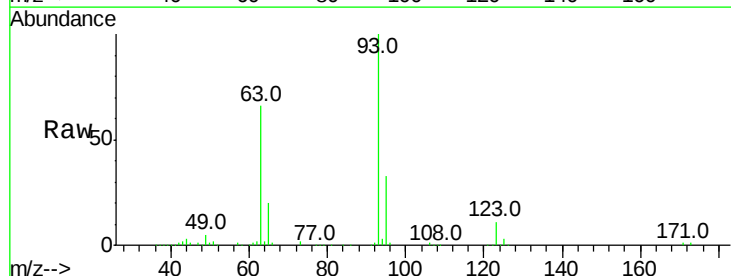
Instrument :
 BNA_F
 ClientSampled :

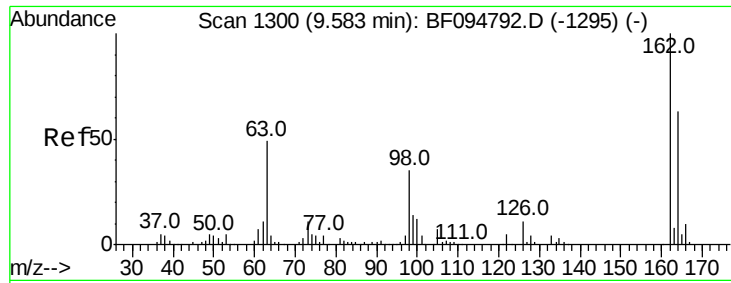
Tot Ion:122 Resp: 217436
 Ion Ratio Lower Upper
 122 100
 107 109.2 89.2 133.8
 121 58.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.47 ng
 RT: 9.41 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion: 93 Resp: 292380
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.3 9.0 13.4

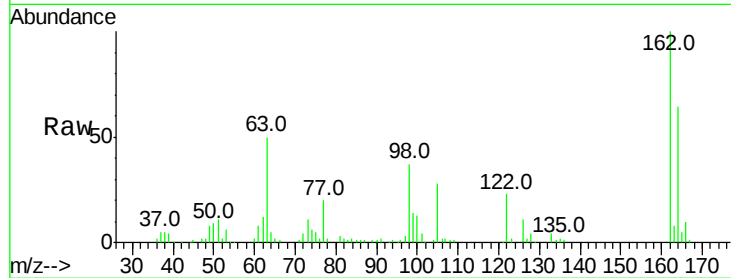




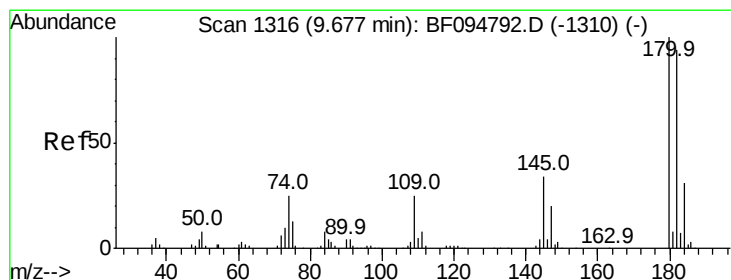
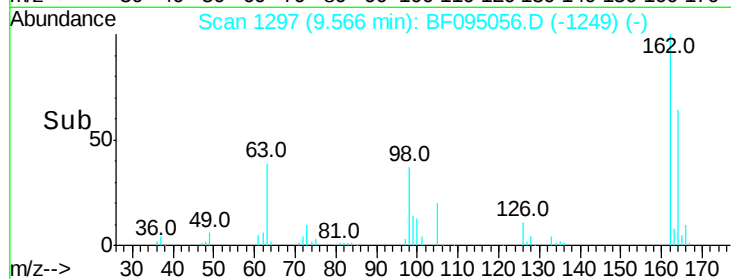
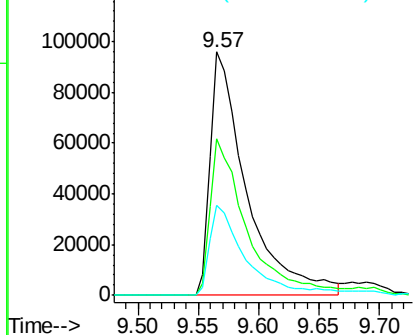
#29
 2,4-Dichlorophenol
 Concen: 38.88 ng
 RT: 9.57 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	36.8	14.8	54.8

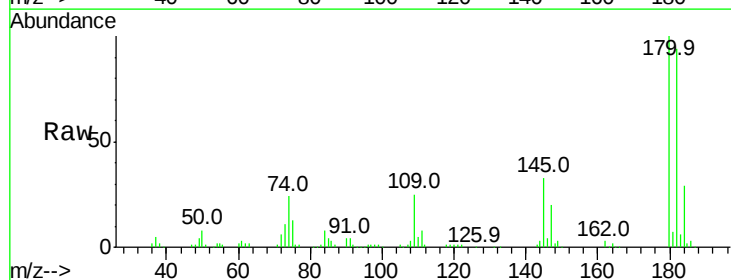


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

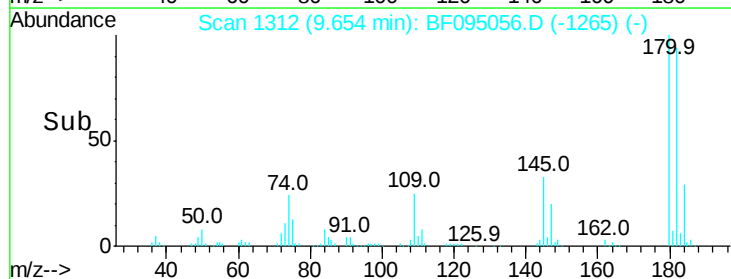
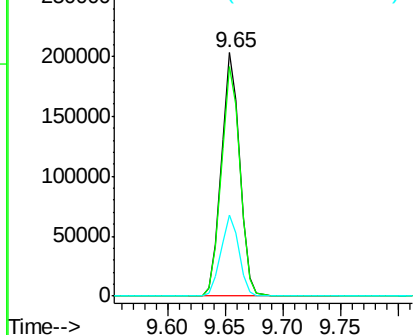


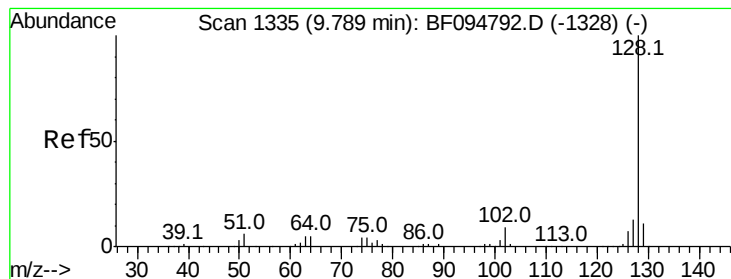
#30
 1,2,4-Trichlorobenzene
 Concen: 40.33 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	33.1	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: 40.30 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampleId :

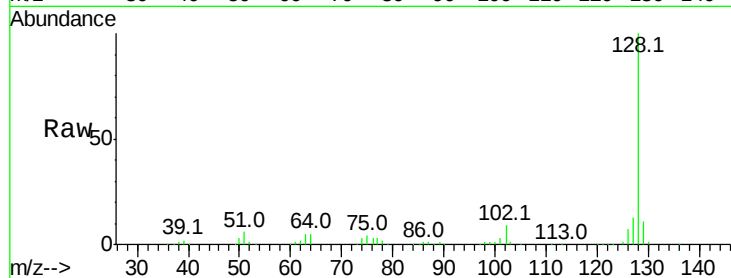
Tot Ion:128 Resp: 766053

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

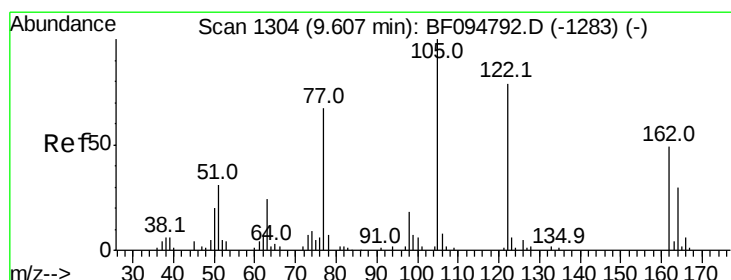
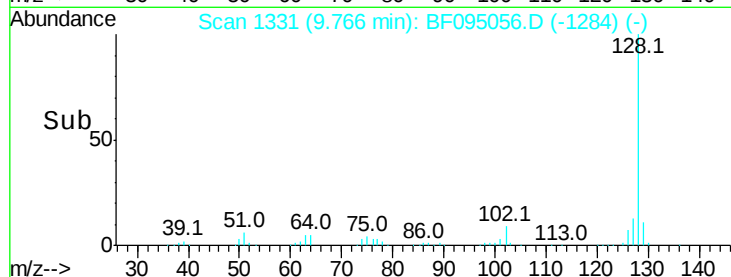
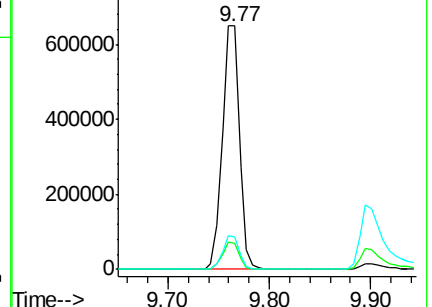
127 13.5 10.8 16.2



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: 35.81 ng

RT: 9.61 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

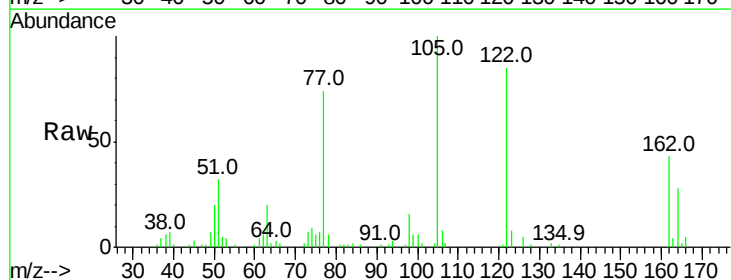
Tgt Ion:122 Resp: 123752

Ion Ratio Lower Upper

122 100

105 117.4 103.3 143.3

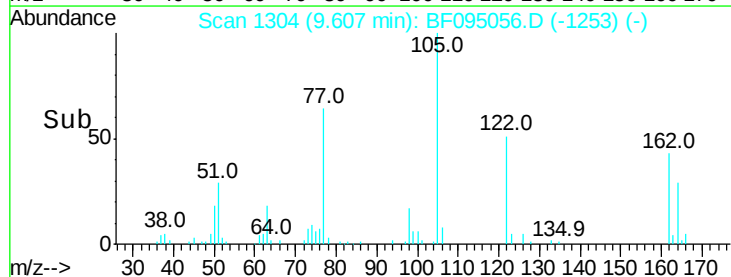
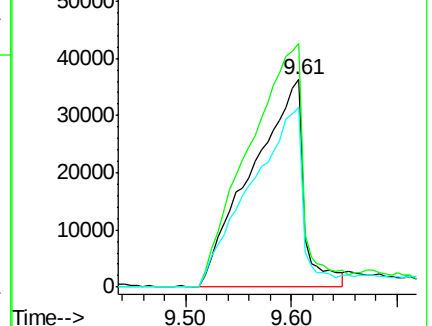
77 86.8 73.7 113.7

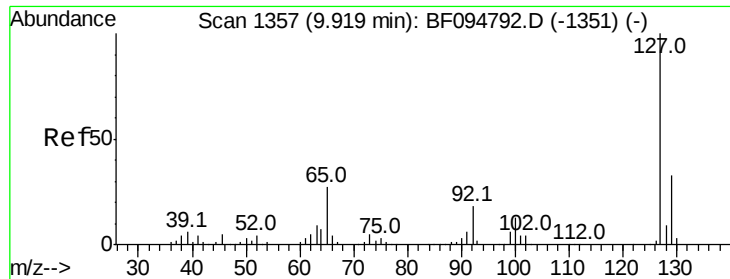


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

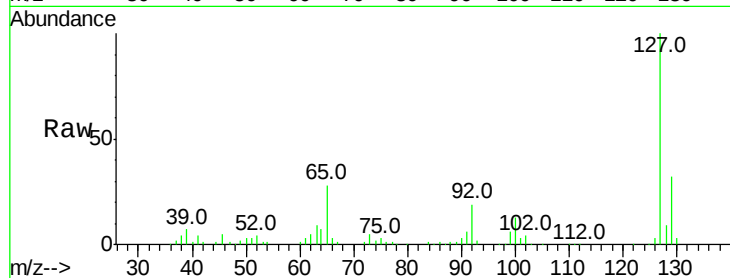




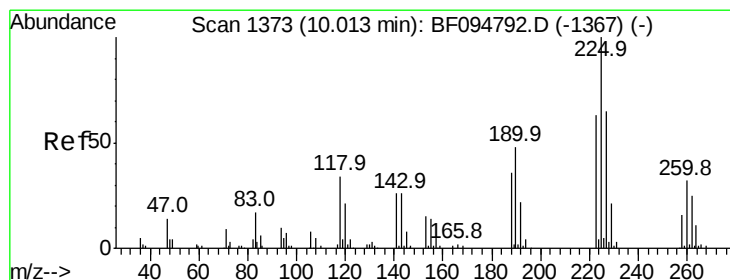
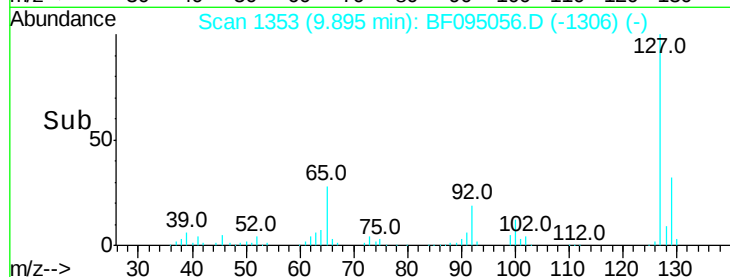
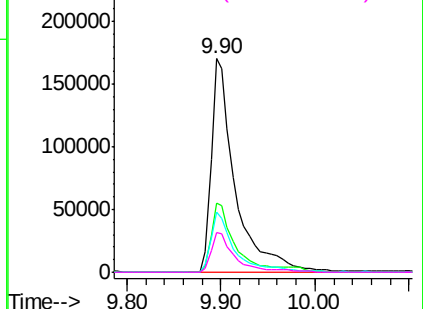
#33
4-Chloroaniline
Concen: 43.18 ng
RT: 9.90 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	305840
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	27.9	27.8	41.8
92	18.6	16.8	25.2

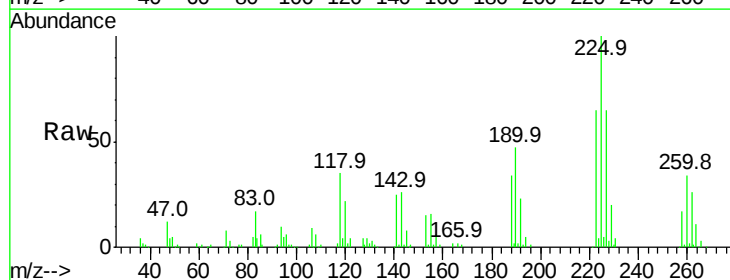


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

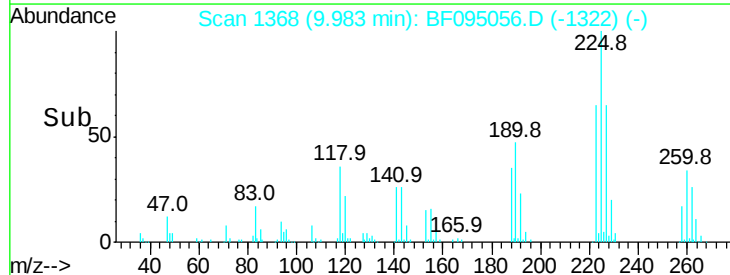
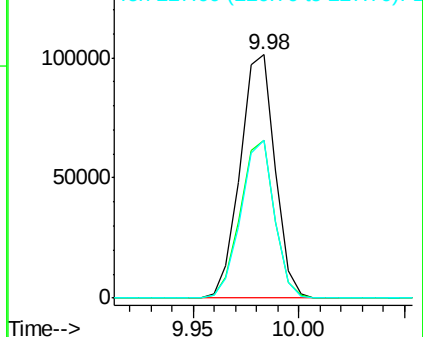


#34
Hexachlorobutadiene
Concen: 39.48 ng
RT: 9.98 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion:	225	Resp:	115581
Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.8	73.2
227	65.0	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

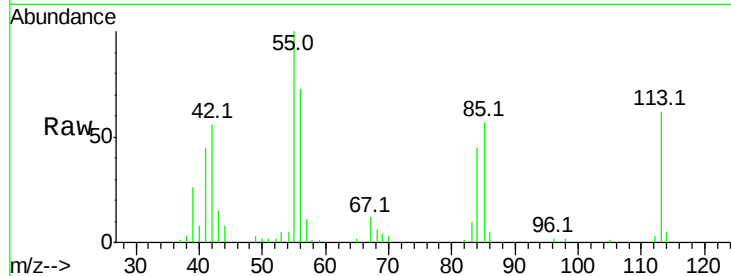




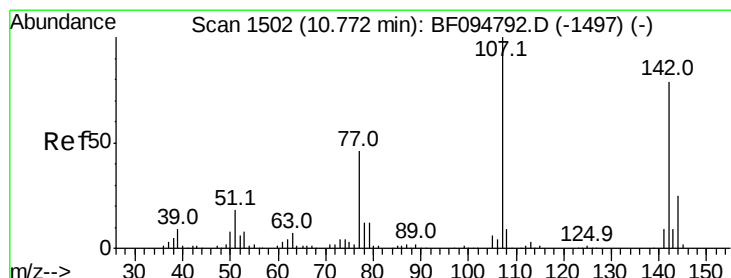
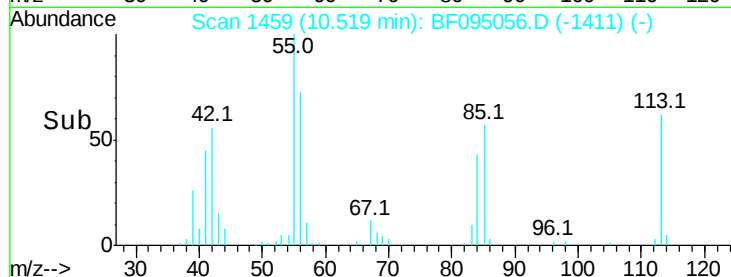
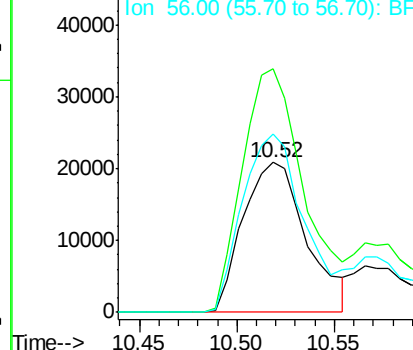
#35
Caprolactam
Concen: 30.17 ng
RT: 10.52 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 46913
Ion Ratio Lower Upper
113 100
55 162.2 150.2 190.2
56 118.8 107.8 147.8

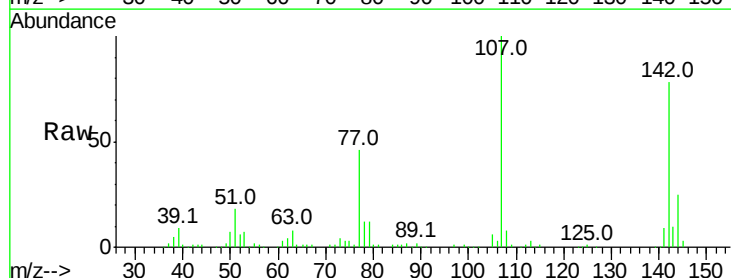


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

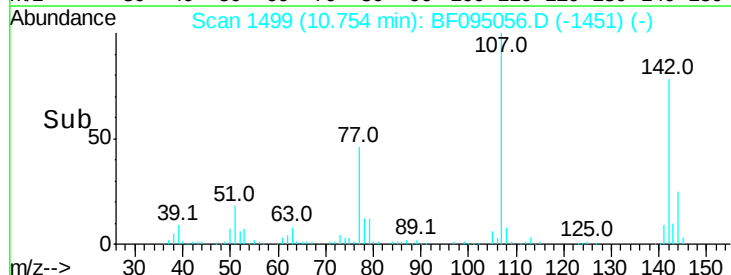
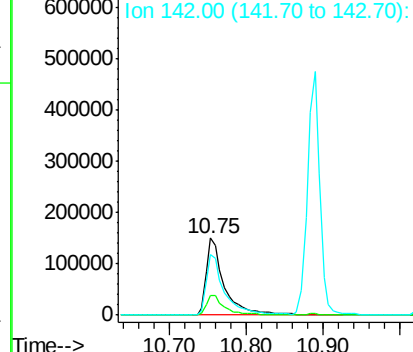


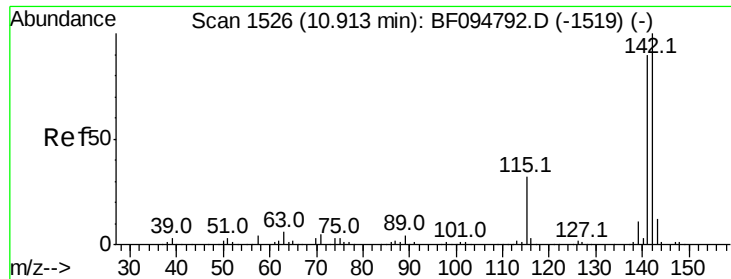
#36
4-Chloro-3-methylphenol
Concen: 44.44 ng
RT: 10.75 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion:107 Resp: 246026
Ion Ratio Lower Upper
107 100
144 25.0 24.2 36.4
142 78.2 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

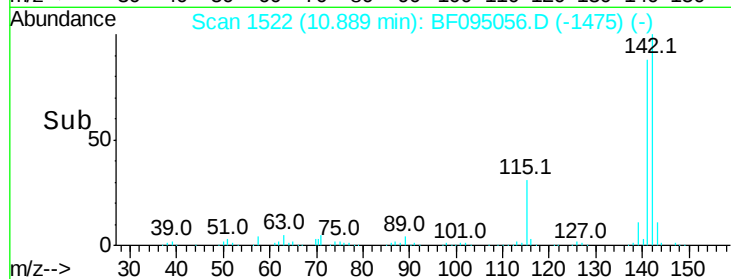
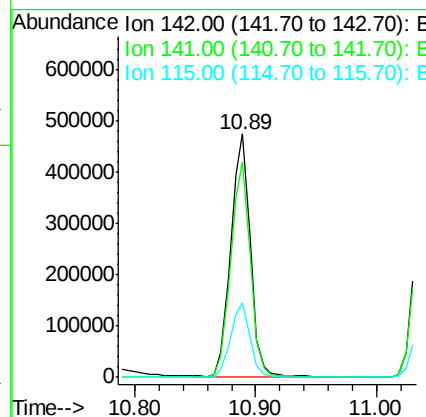
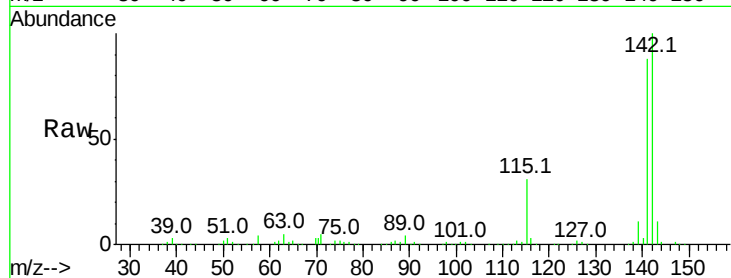




#37
2-Methylnaphthalene
Concen: 42.59 ng
RT: 10.89 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

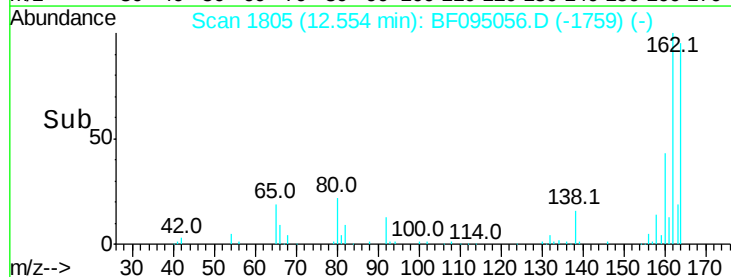
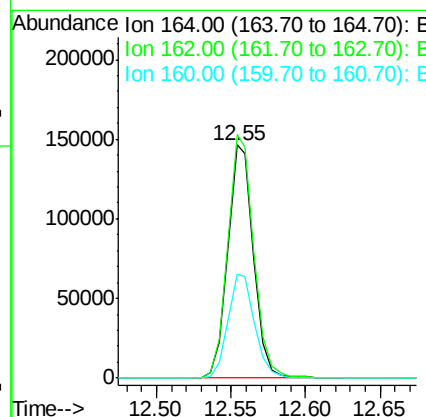
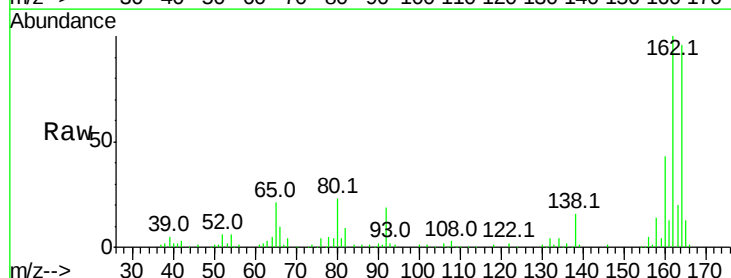
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	30.5	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1805
Delta R.T. -0.03 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	44.9	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.66 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 216881

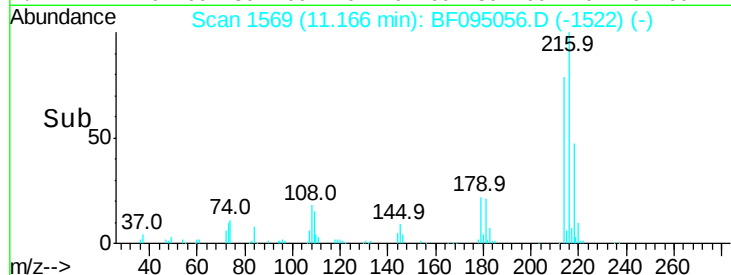
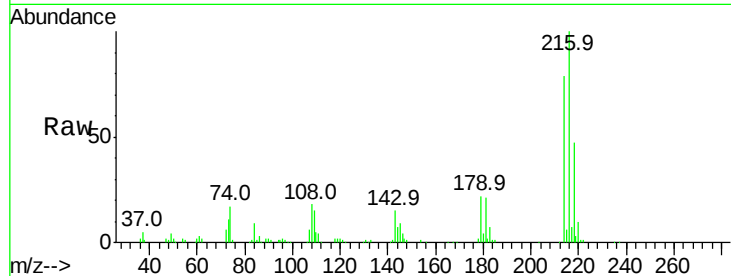
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 22.0 17.9 26.9

108 18.8 16.5 24.7

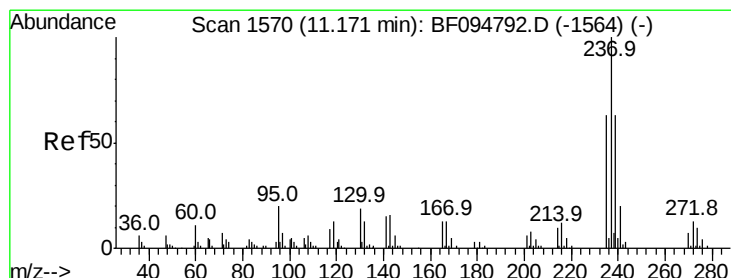
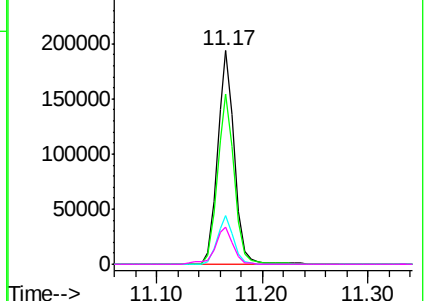


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.30 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.03 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

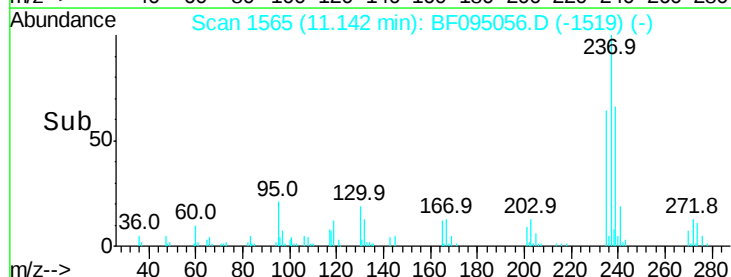
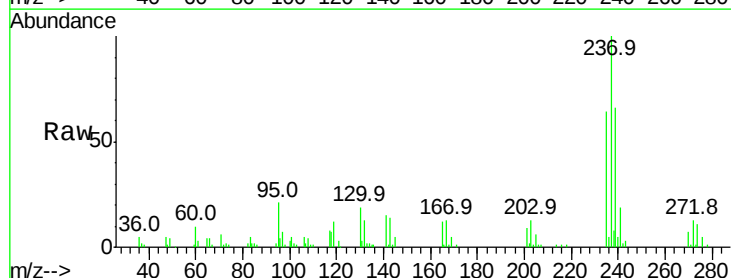
Tgt Ion:237 Resp: 65265

Ion Ratio Lower Upper

237 100

235 64.2 42.6 82.6

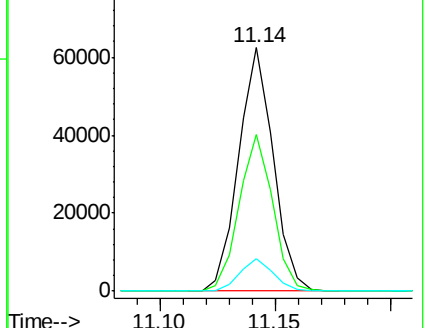
272 13.3 0.0 31.9

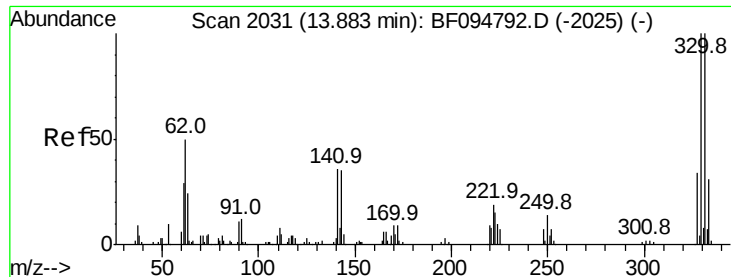


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

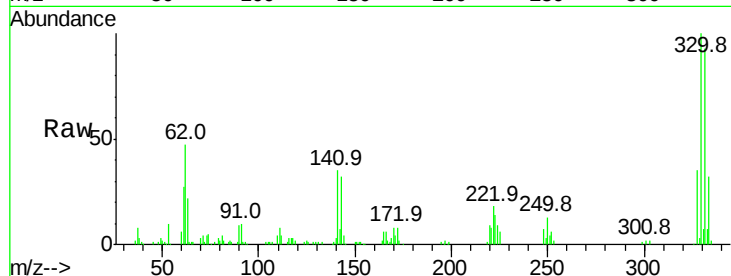




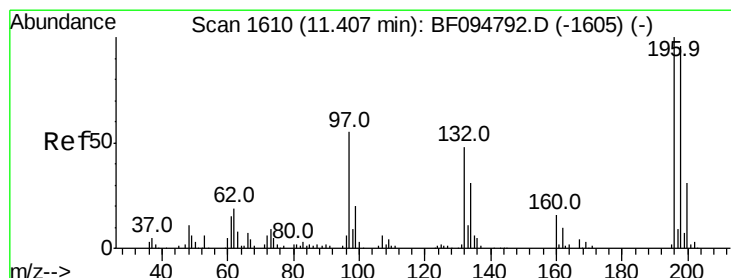
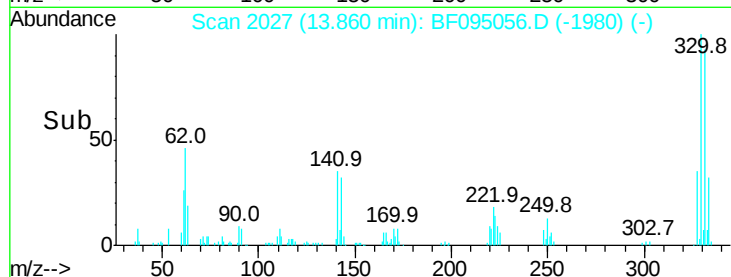
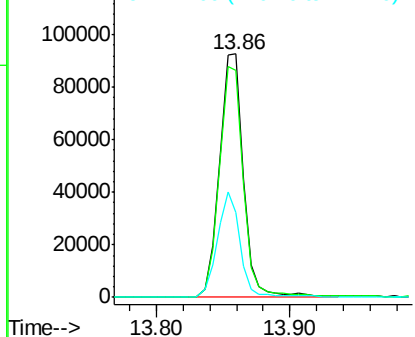
#41
 2,4,6-Tribromophenol
 Concen: 81.04 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	40.8	31.4	47.2

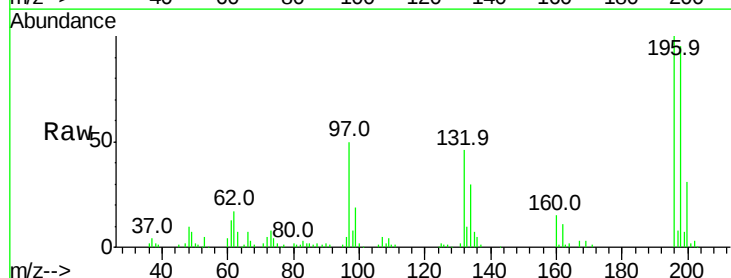


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

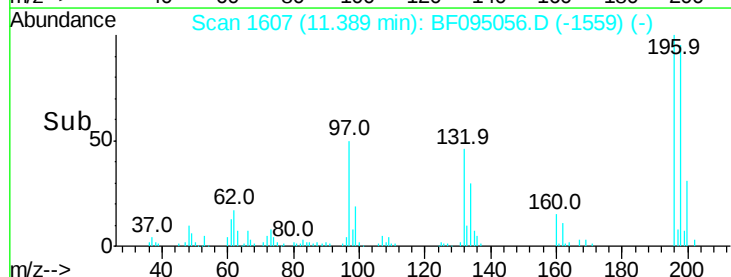
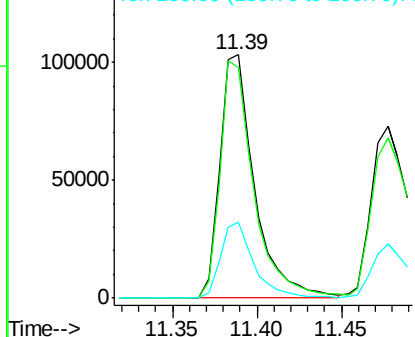


#42
 2,4,6-Trichlorophenol
 Concen: 40.43 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.2	111.4
200	31.1	24.0	36.0



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

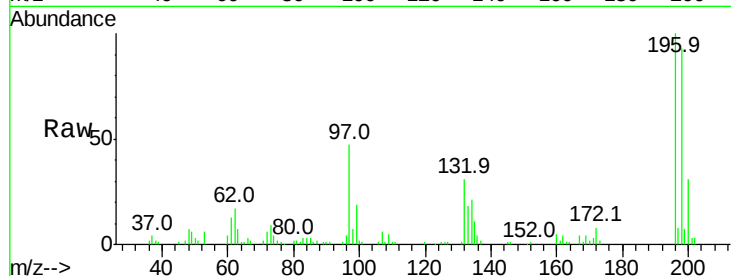




#43
 2,4,5-Trichlorophenol
 Concen: 37.18 ng
 RT: 11.48 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	75.7	113.5
97	46.7	47.7	71.5#
132	30.5	28.0	42.0



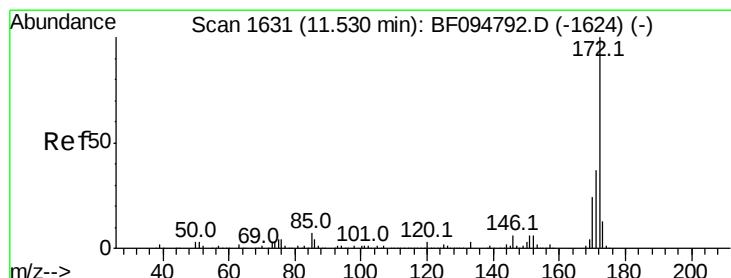
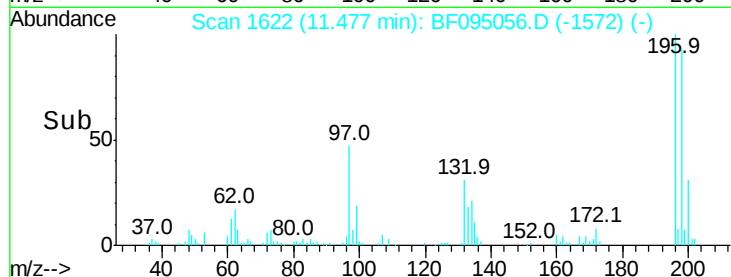
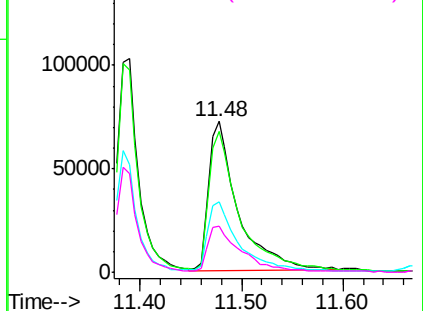
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

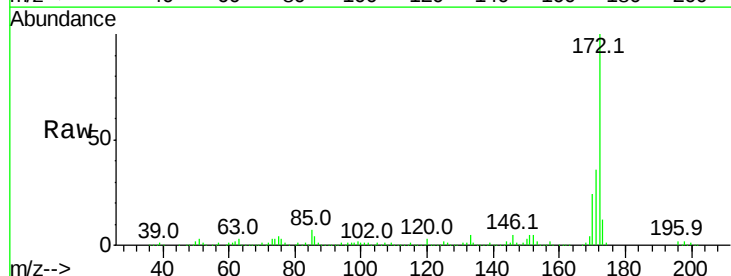
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.70 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.6	19.8	29.8

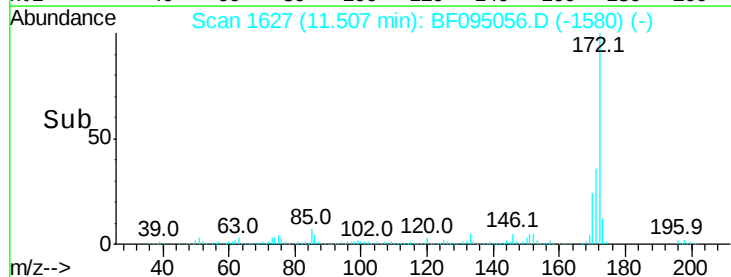
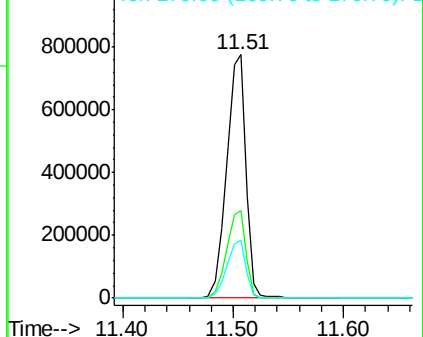


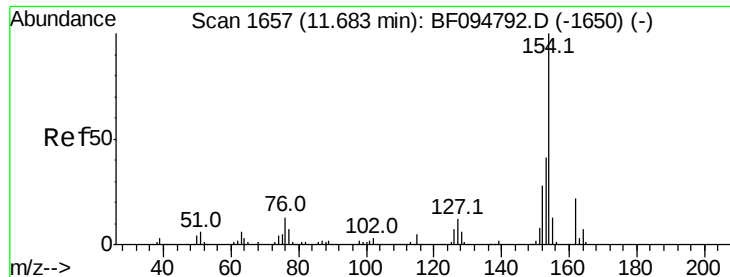
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

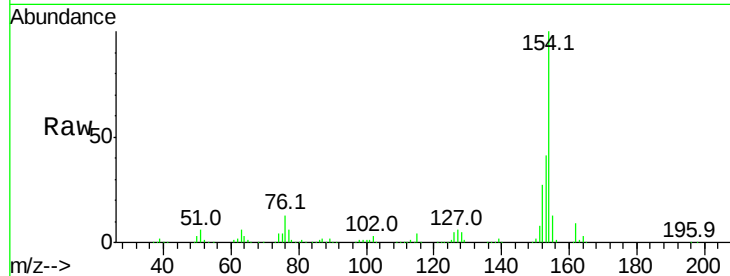




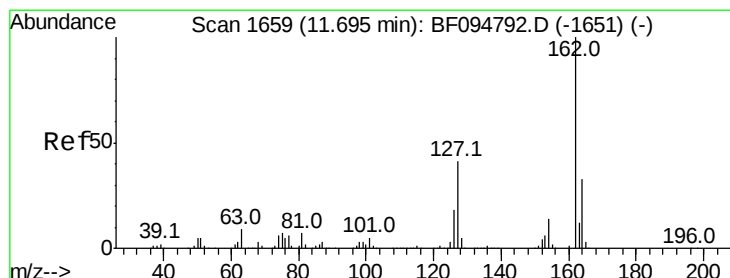
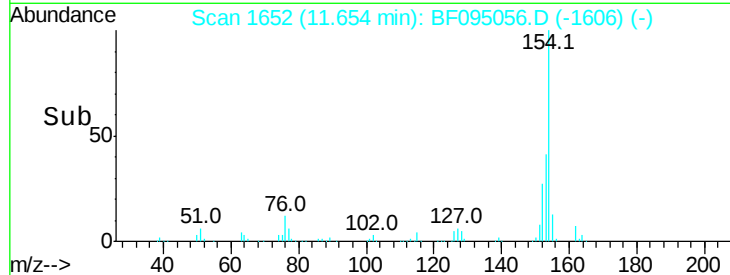
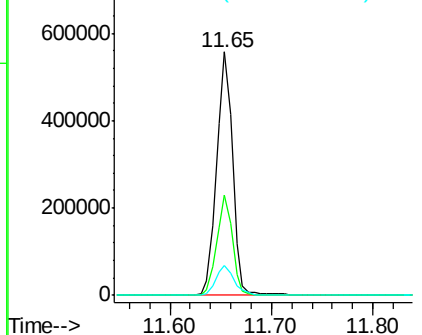
#45
 1,1'-Biphenyl
 Concen: 41.07 ng
 RT: 11.65 min Scan# 1652
 Delta R.T. -0.03 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	12.5	0.0	29.9

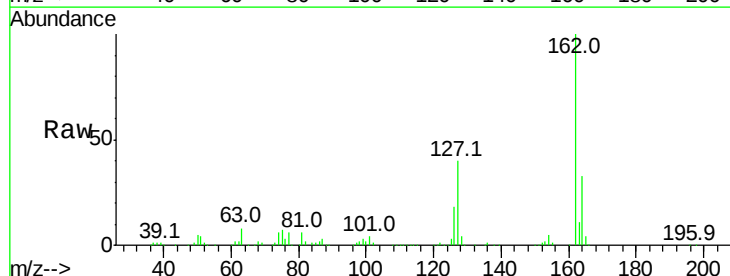


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

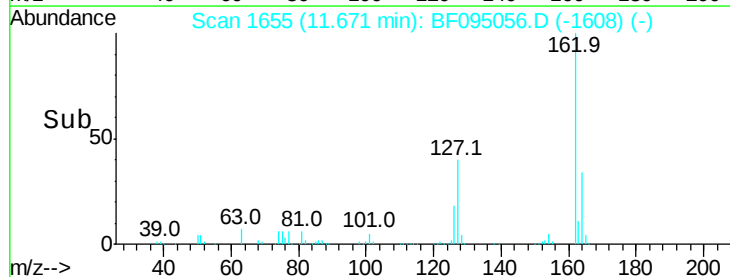
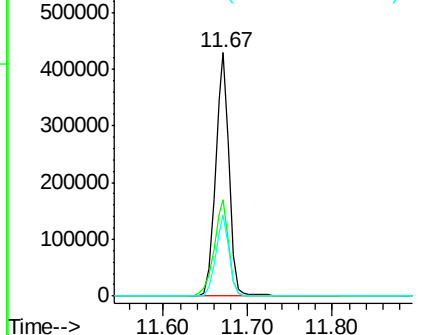


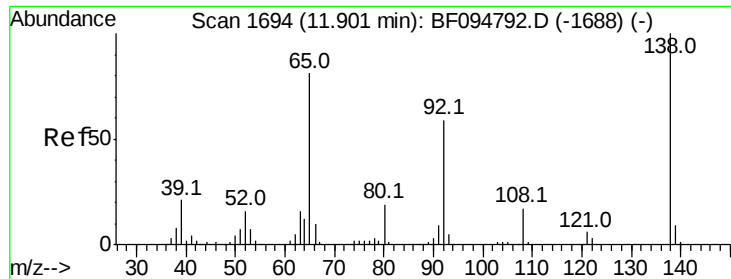
#46
 2-Chloronaphthalene
 Concen: 40.51 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	28.3	42.5
164	33.3	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

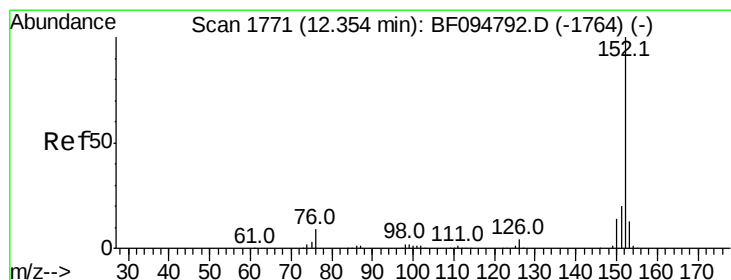
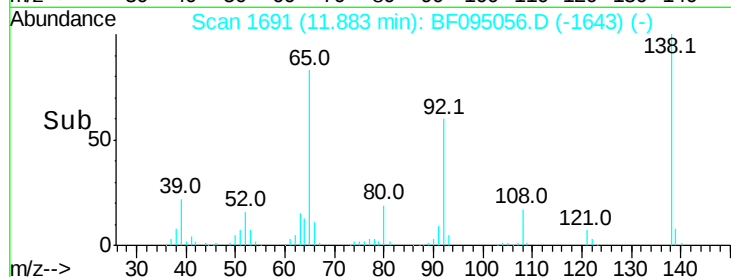
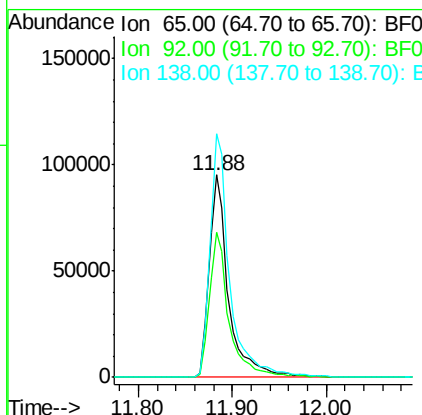
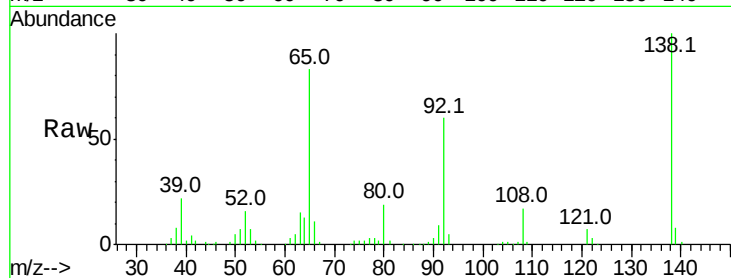




#47
2-Nitroaniline
Concen: 41.98 ng
RT: 11.88 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

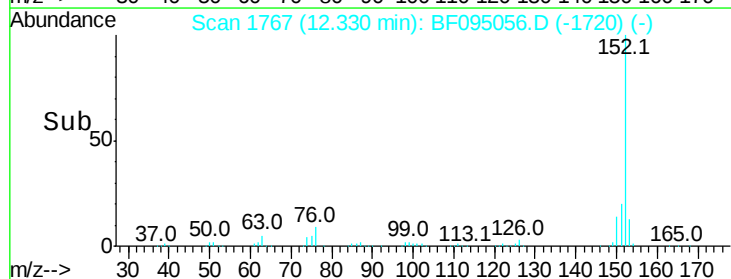
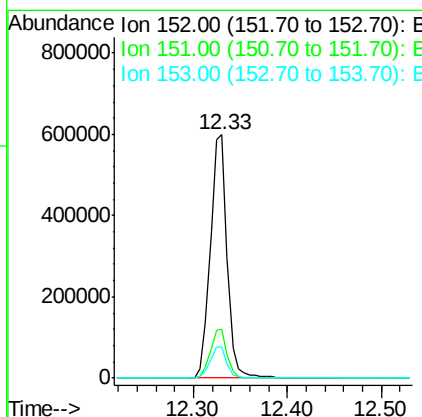
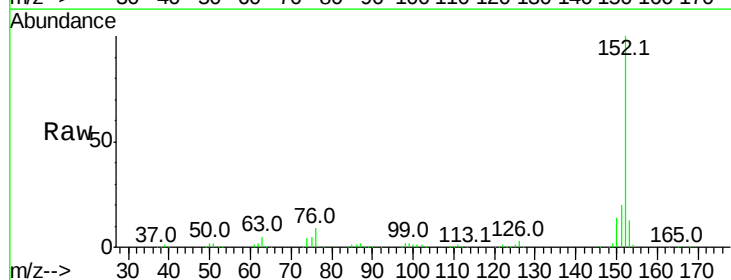
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 138887
Ion Ratio Lower Upper
65 100
92 71.9 53.9 80.9
138 120.3 78.8 118.2#



#48
Acenaphthylene
Concen: 40.00 ng
RT: 12.33 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion:152 Resp: 757446
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 12.8 10.8 16.2





#49

Dimethylphthalate

Concen: 39.08 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampleId :

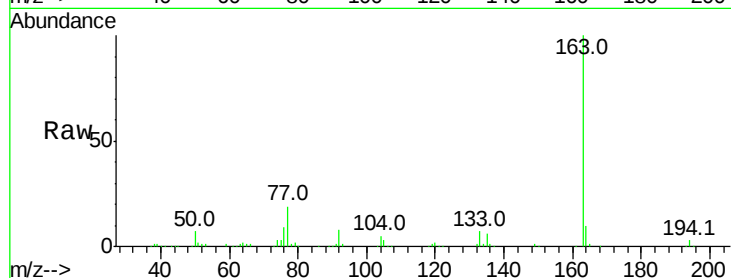
Tot Ion:163 Resp: 570444

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 10.4 8.4 12.6

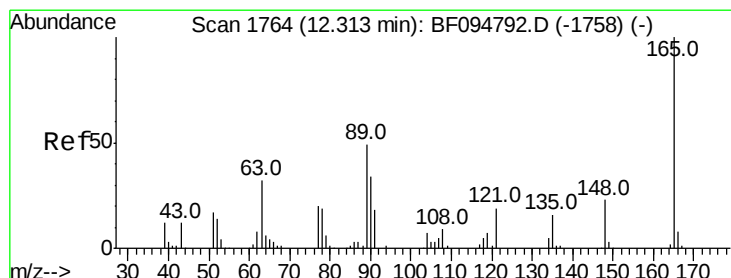
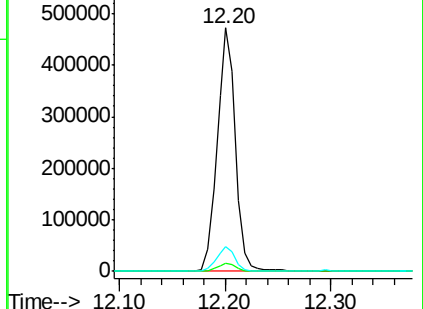
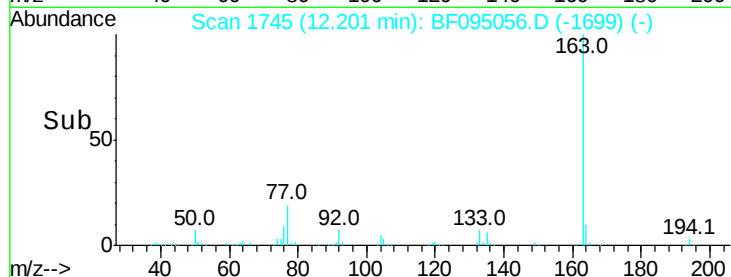


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 12.10 12.20 12.30



#50

2,6-Dinitrotoluene

Concen: 40.88 ng

RT: 12.29 min Scan# 1761

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

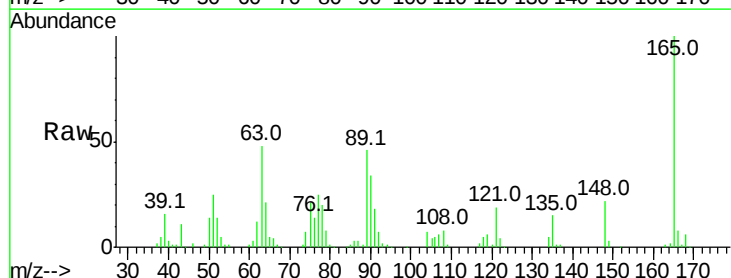
Tgt Ion:165 Resp: 121752

Ion Ratio Lower Upper

165 100

63 48.3 34.3 51.5

89 46.5 37.1 55.7

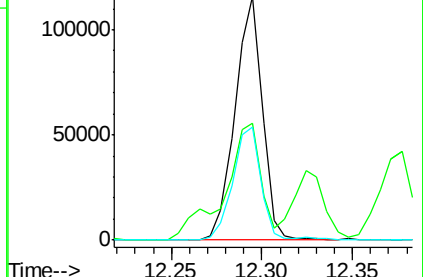
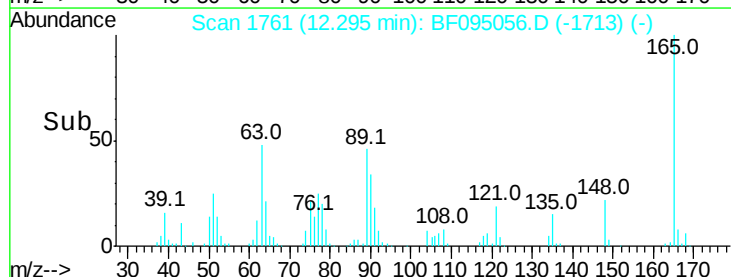


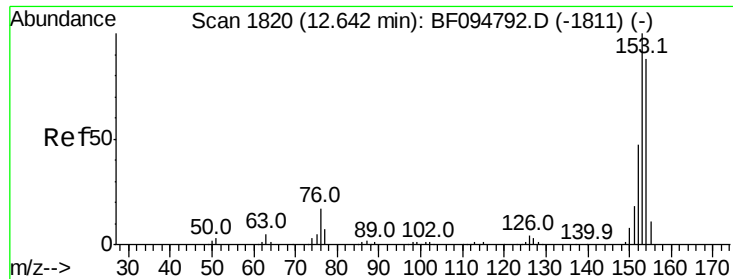
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time--> 12.25 12.30 12.35





#51

Acenaphthene

Concen: 39.56 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampleId :

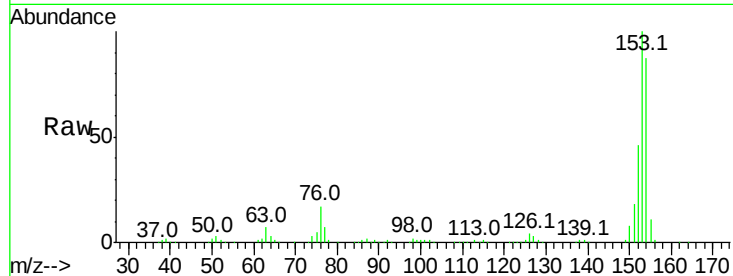
Tot Ion:154 Resp: 447385

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

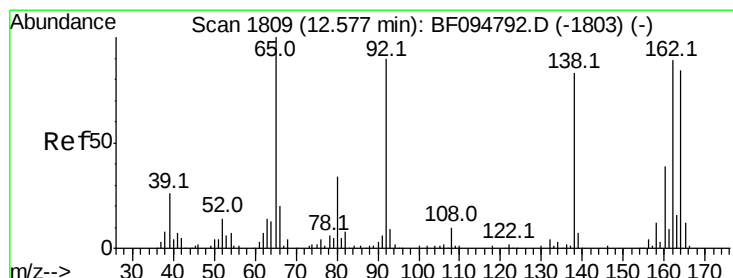
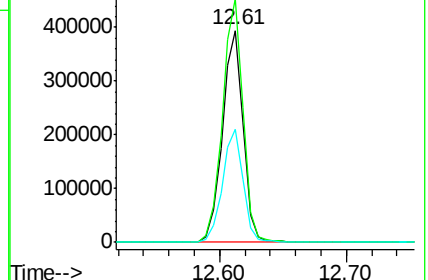
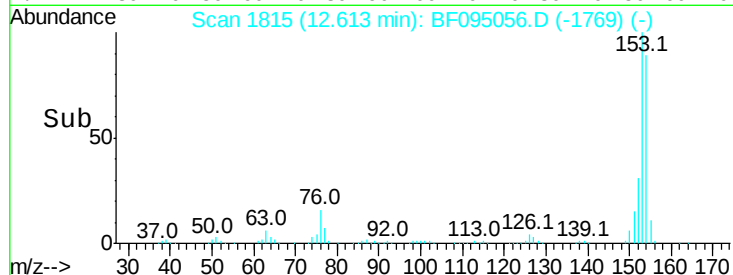
152 53.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.58 ng

RT: 12.57 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

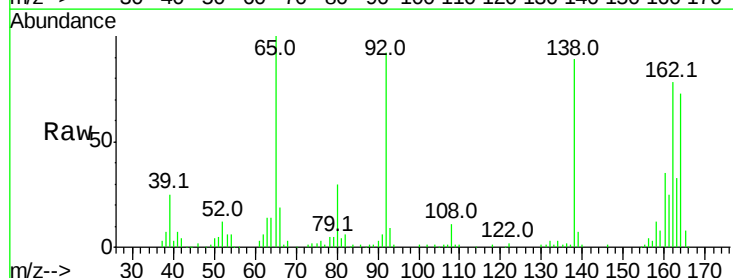
Tgt Ion:138 Resp: 136118

Ion Ratio Lower Upper

138 100

108 12.1 9.1 13.7

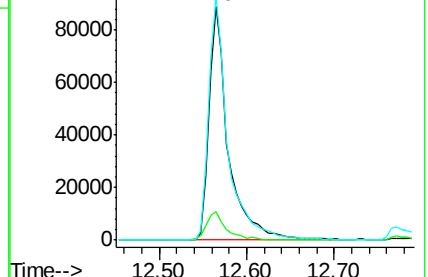
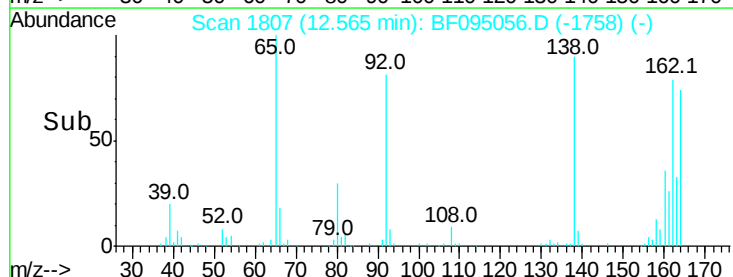
92 104.3 93.8 140.6

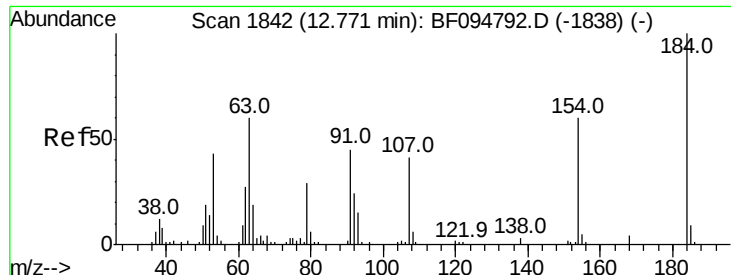


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

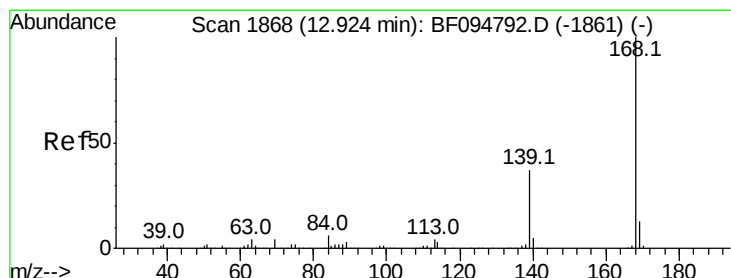
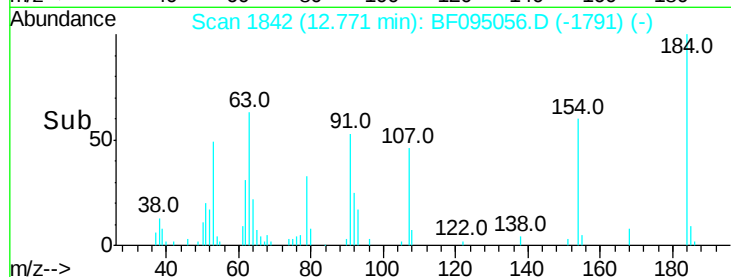
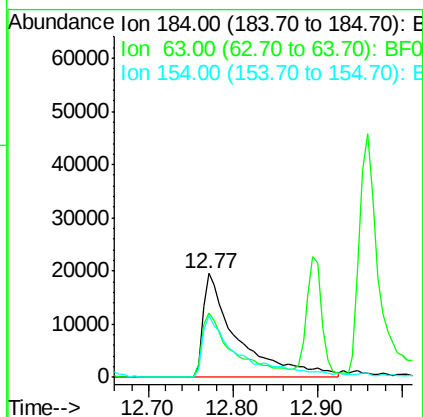
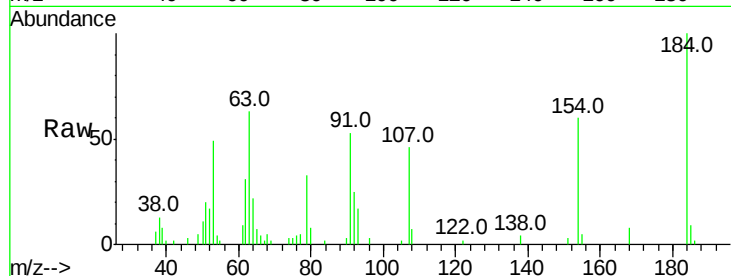




#53
 2,4-Dinitrophenol
 Concen: 37.09 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

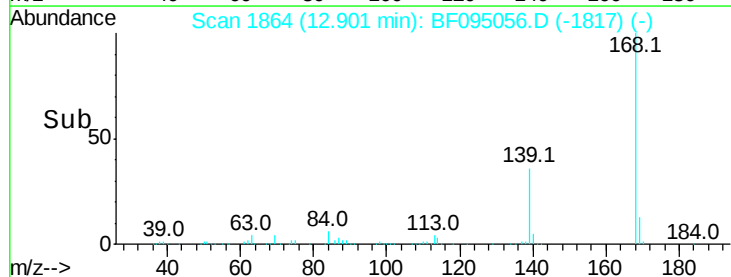
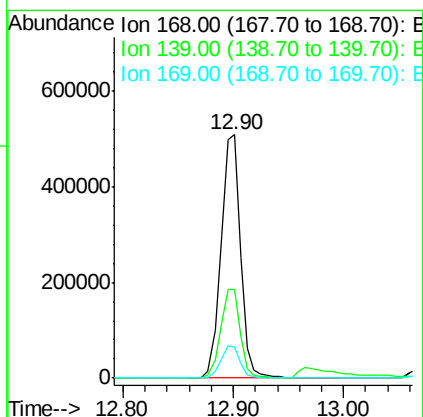
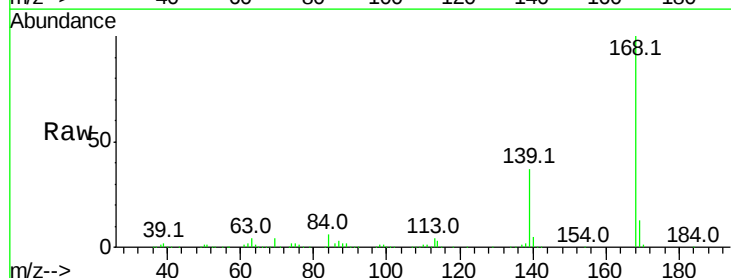
Instrument :
 BNA_F
 ClientSampled :

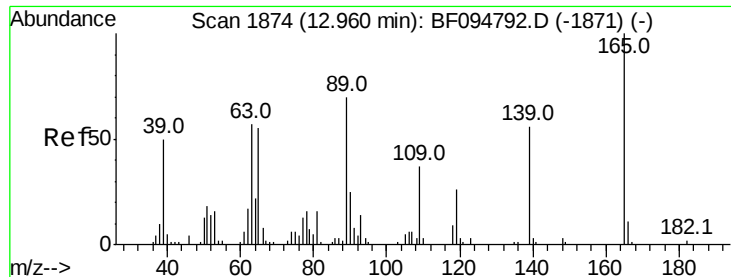
Tot Ion:184 Resp: 54884
 Ion Ratio Lower Upper
 184 100
 63 62.8 62.7 94.1
 154 59.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.20 ng
 RT: 12.90 min Scan# 1864
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion:168 Resp: 629140
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.6 45.8
 169 13.0 10.8 16.2

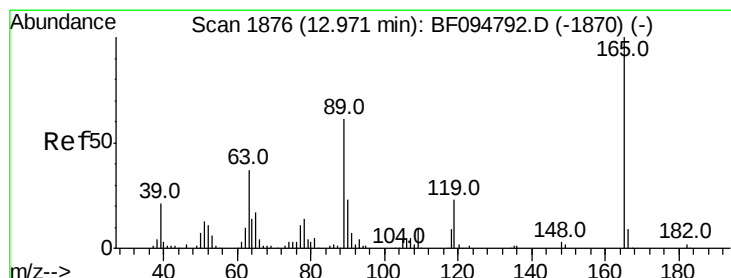
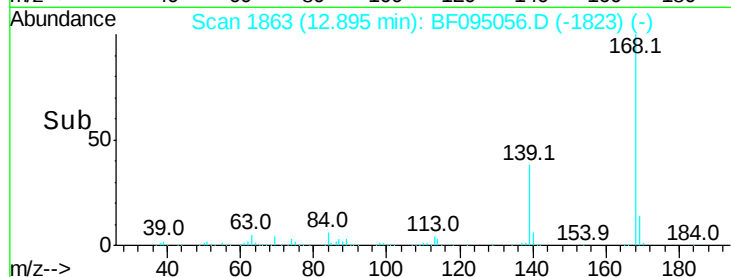
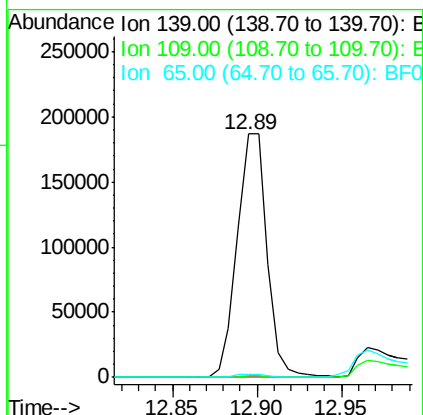
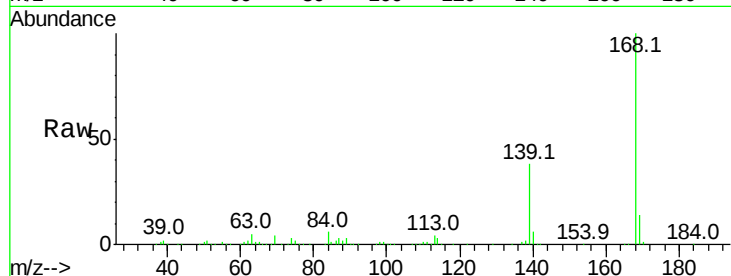




#55
4-Nitrophenol
Concen: 120.51 ng
RT: 12.89 min Scan# 1863
Delta R.T. -0.06 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

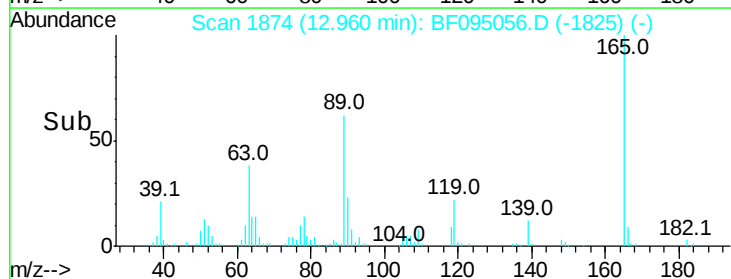
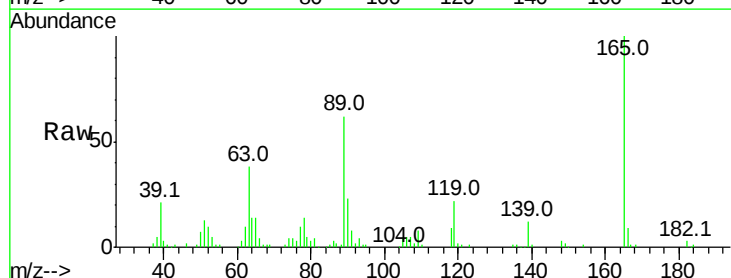
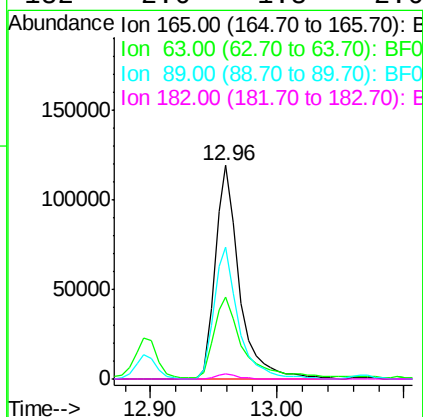
Instrument :
BNA_F
ClientSampleId :

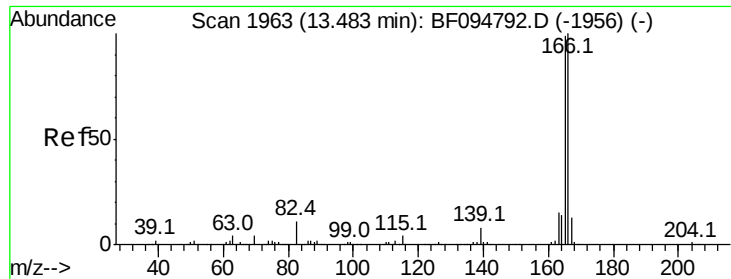
Tot Ion	Ratio	Resp	Lower	Upper
139	100	231371		
109	0.8	34.1	74.1#	
65	1.4	31.4	71.4#	



#56
2,4-Dinitrotoluene
Concen: 41.62 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159287		
63	38.4	25.4	38.0#	
89	61.6	46.4	69.6	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 39.29 ng

RT: 13.45 min Scan# 1958

Delta R.T. -0.03 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampleId :

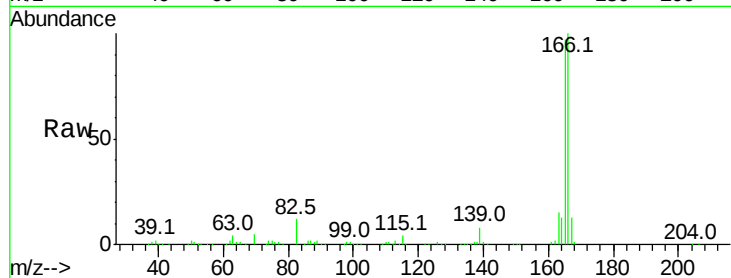
Tot Ion:166 Resp: 534697

Ion Ratio Lower Upper

166 100

165 97.3 78.8 118.2

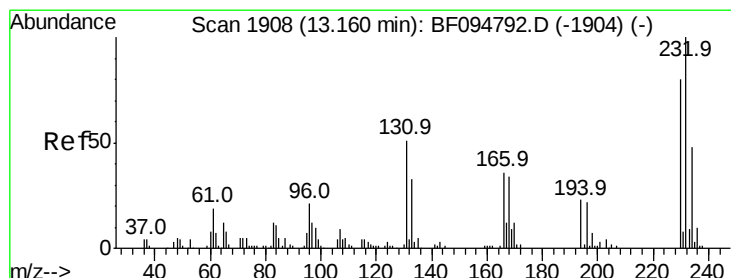
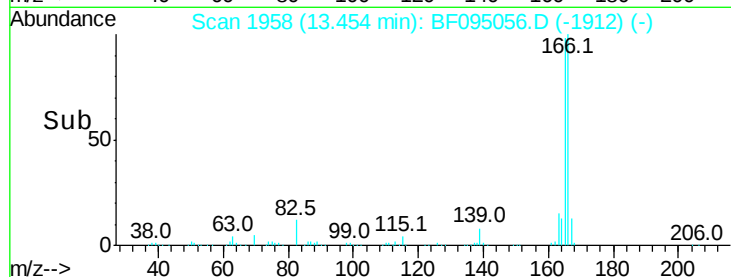
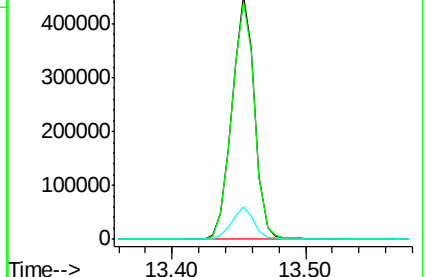
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.47 ng

RT: 13.14 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Tgt Ion:232 Resp: 97479

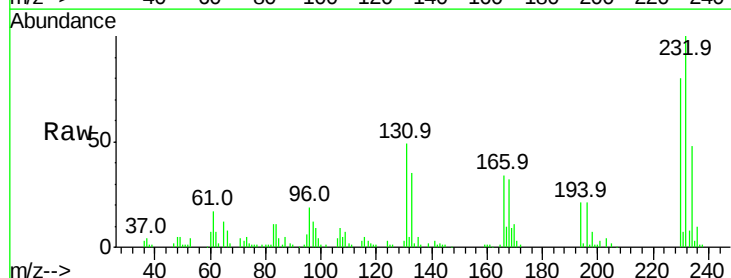
Ion Ratio Lower Upper

232 100

131 54.7 44.8 67.2

130 2.4 2.3 3.5

166 37.1 29.0 43.4

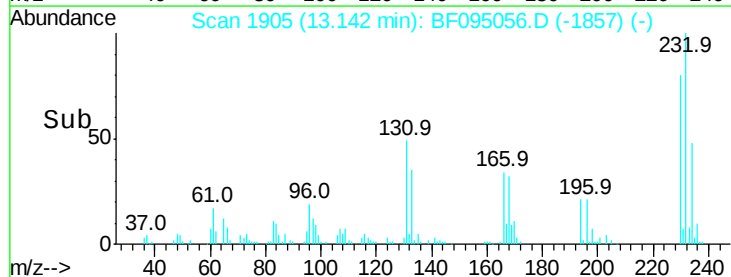
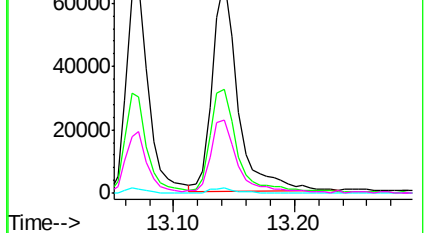


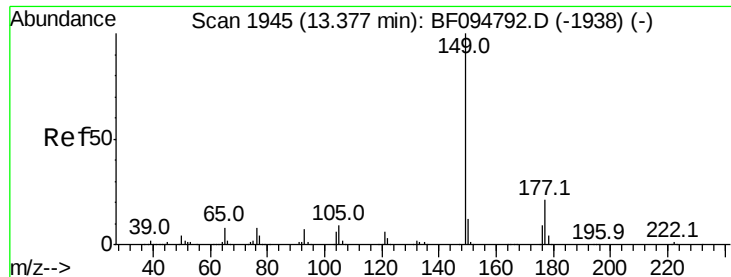
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

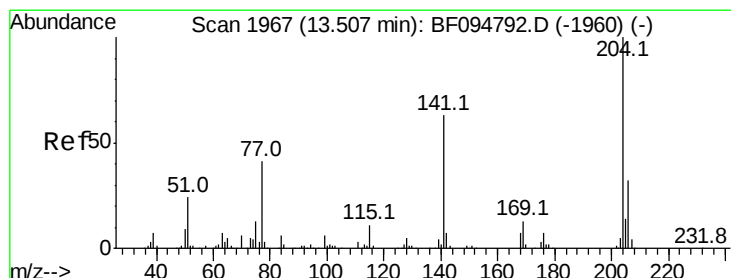
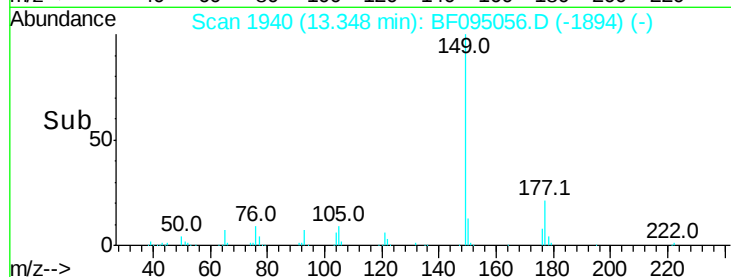
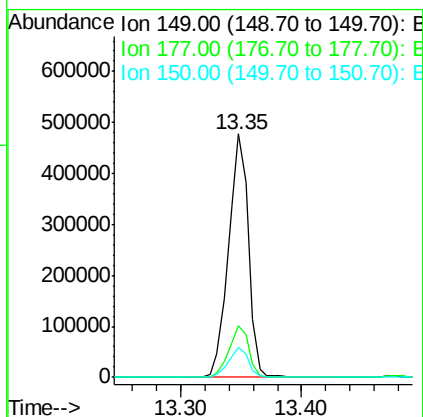
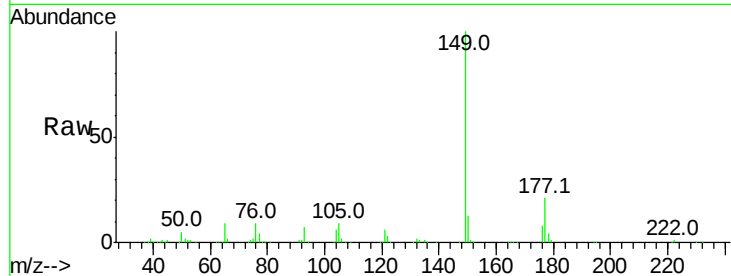




#59
Diethylphthalate
Concen: 39.14 ng
RT: 13.35 min Scan# 1940
Delta R.T. -0.03 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

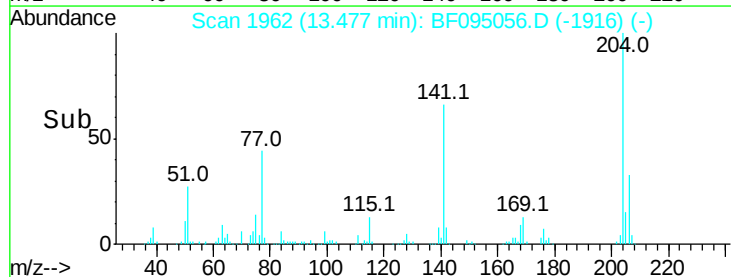
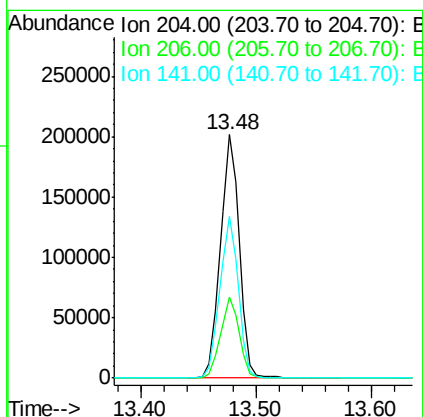
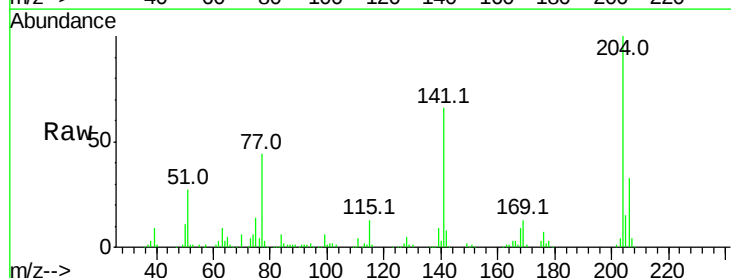
Instrument :
BNA_F
ClientSampleId :

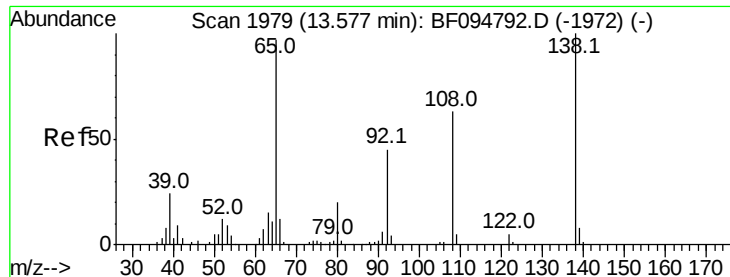
Tot Ion:149 Resp: 547692
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.22 ng
RT: 13.48 min Scan# 1962
Delta R.T. -0.03 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion:204 Resp: 228568
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 66.3 60.8 91.2

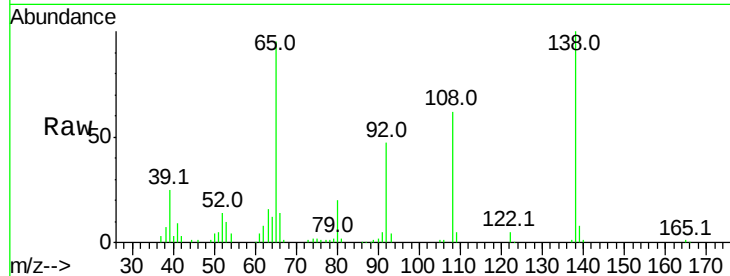




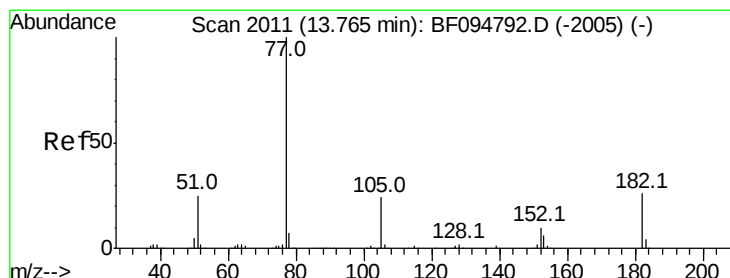
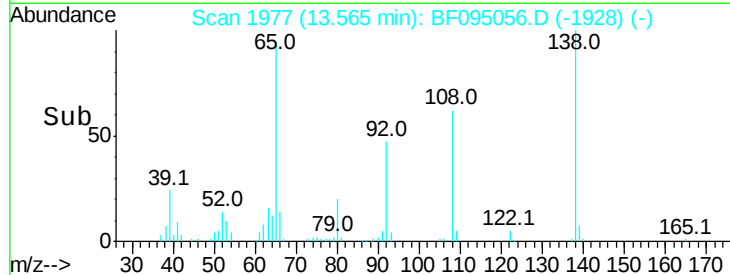
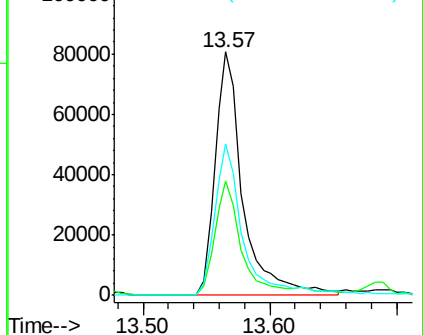
#61
4-Nitroaniline
Concen: 42.25 ng
RT: 13.57 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 123986
Ion Ratio Lower Upper
138 100
92 46.9 21.8 61.8
108 62.4 42.3 82.3

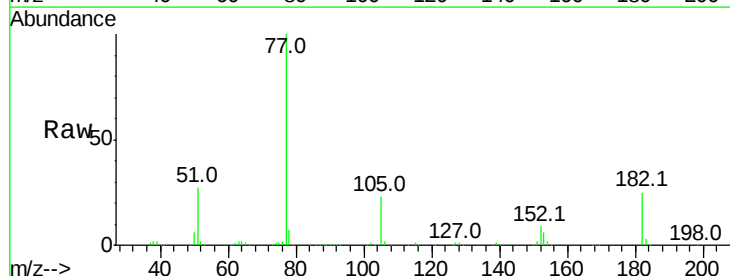


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

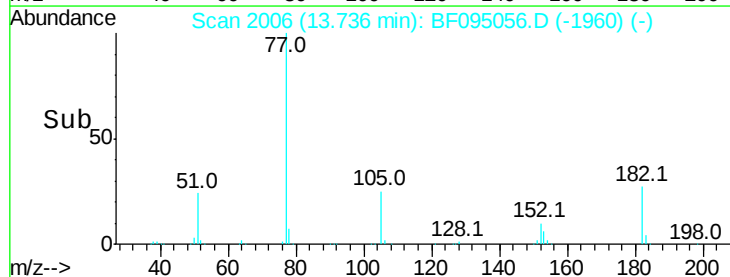
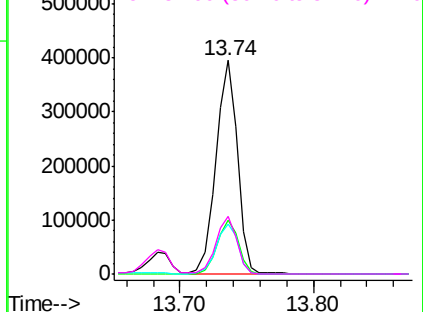


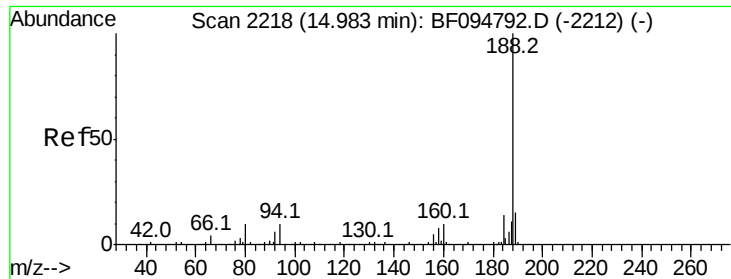
#62
Azobenzene
Concen: 39.78 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion: 77 Resp: 447231
Ion Ratio Lower Upper
77 100
182 25.0 0.1 40.1
105 23.2 3.6 43.6
51 26.8 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

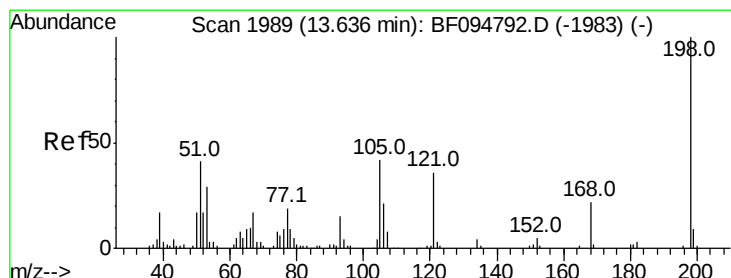
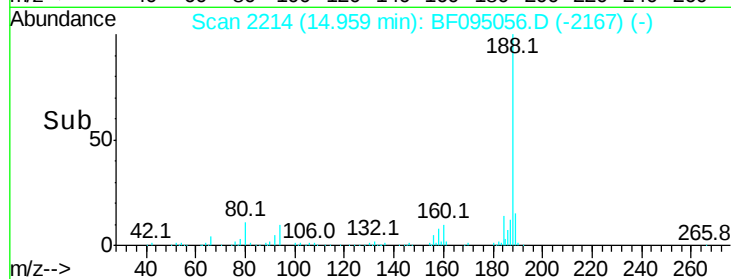
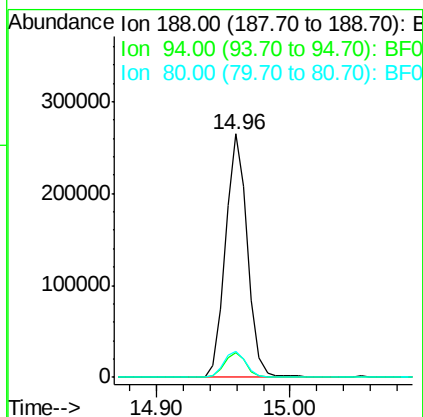
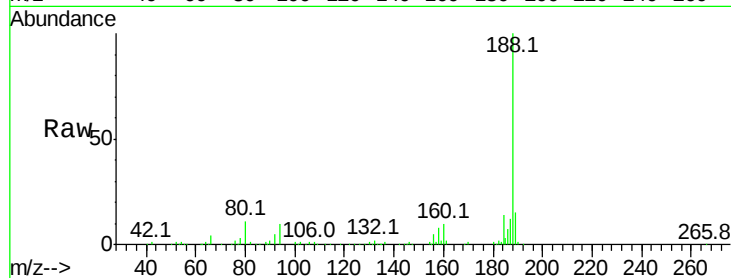




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

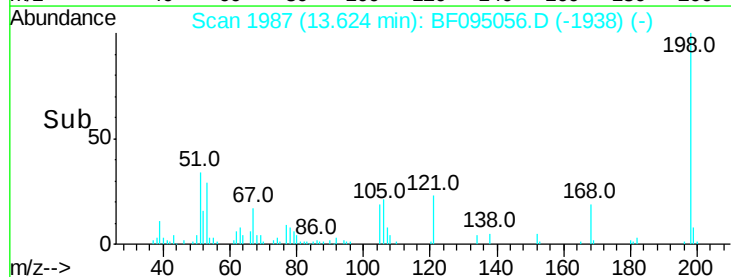
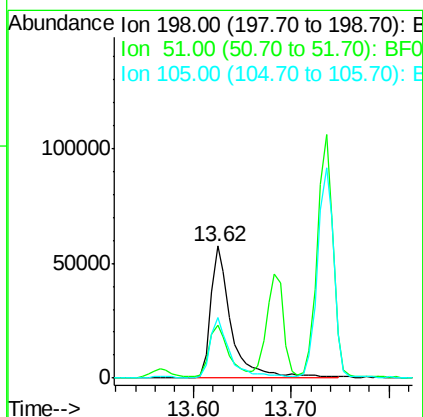
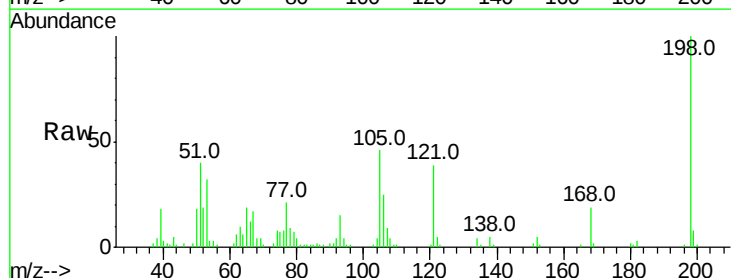
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 306512
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 40.71 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion:198 Resp: 83655
Ion Ratio Lower Upper
198 100
51 40.2 53.2 93.2#
105 45.6 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 40.79 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampled :

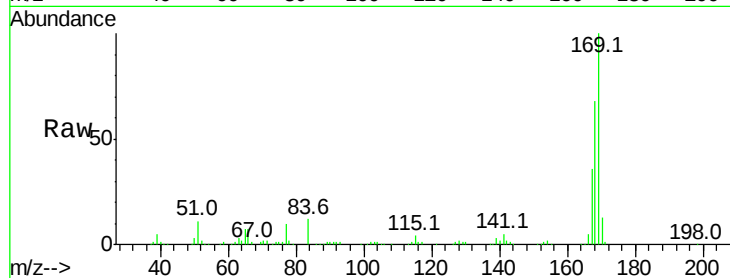
Tot Ion:169 Resp: 453766

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

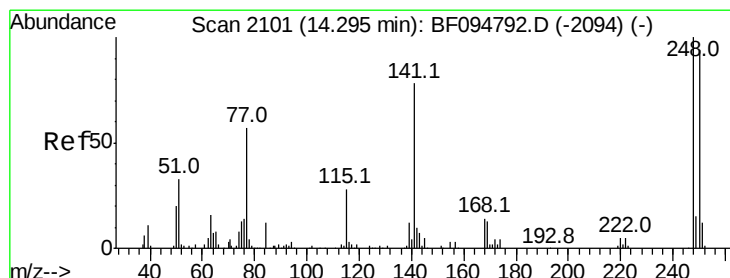
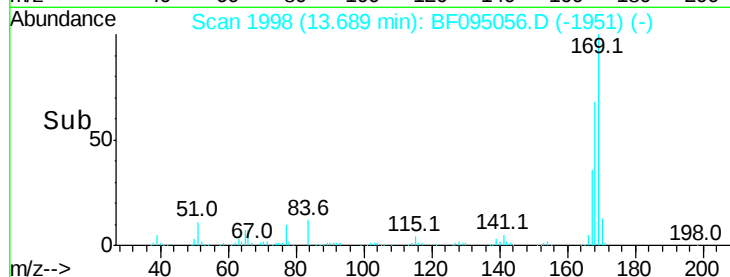
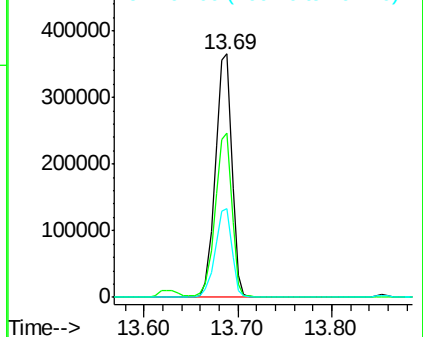
167 36.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.94 ng

RT: 14.27 min Scan# 2096

Delta R.T. -0.03 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

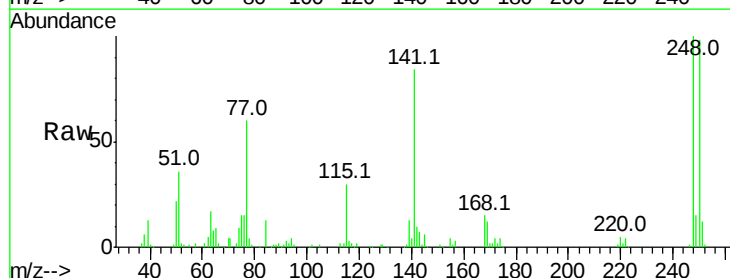
Tgt Ion:248 Resp: 129321

Ion Ratio Lower Upper

248 100

250 97.7 76.8 115.2

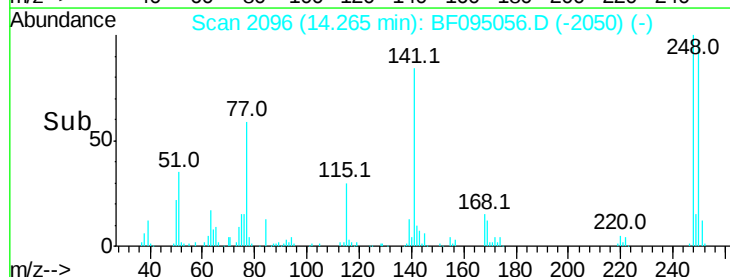
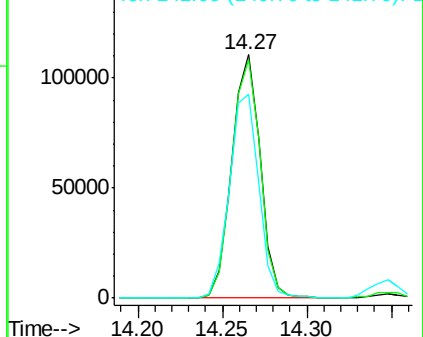
141 84.0 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.69 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF095056.D

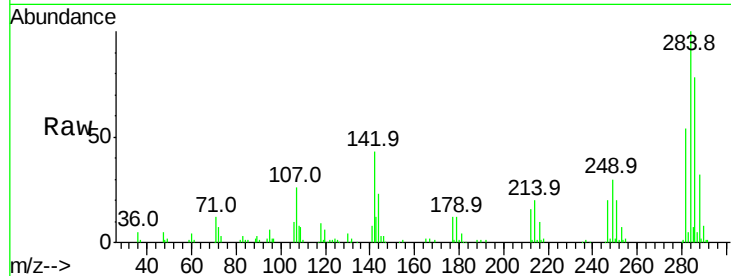
Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampled :

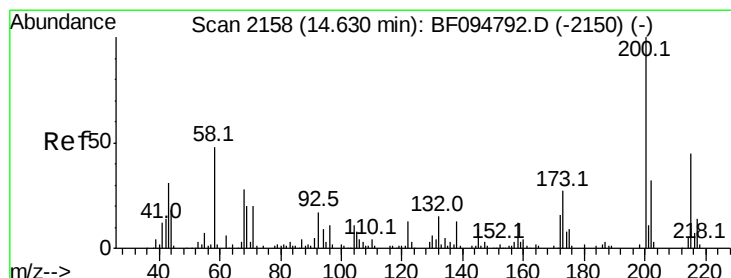
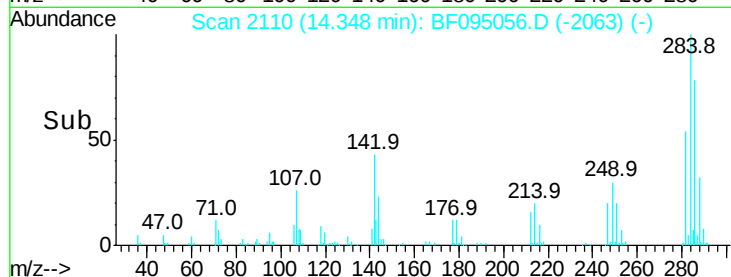
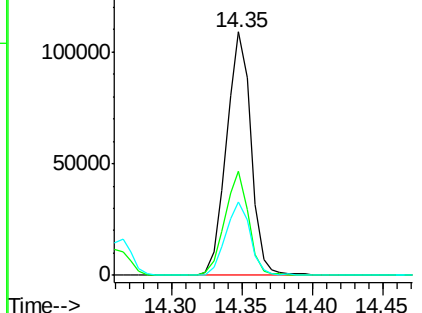
Tot Ion:	284	Resp:	131715
Ion	Ratio	Lower	Upper
284	100		
142	42.9	22.8	34.2#
249	30.2	24.0	36.0



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: 41.46 ng

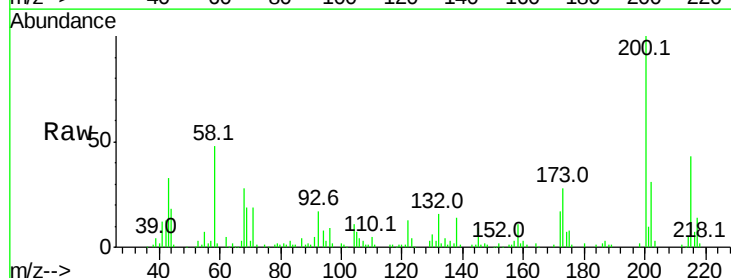
RT: 14.61 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

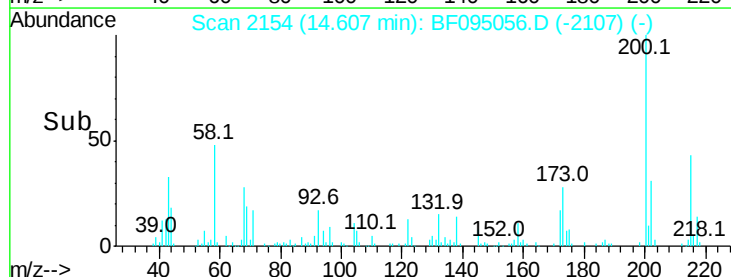
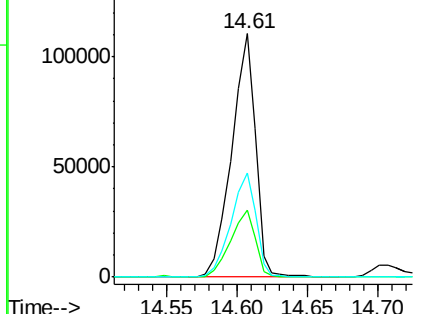
Tgt Ion:	200	Resp:	130237
Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.3	46.3
215	43.0	27.2	67.2

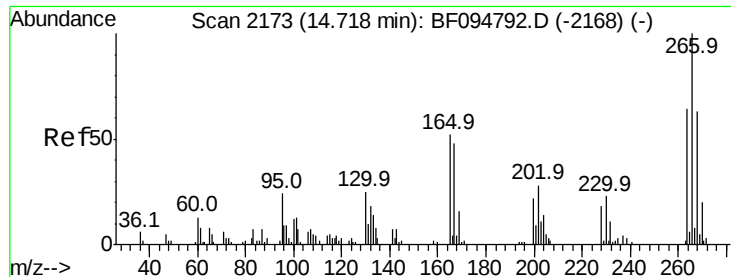


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

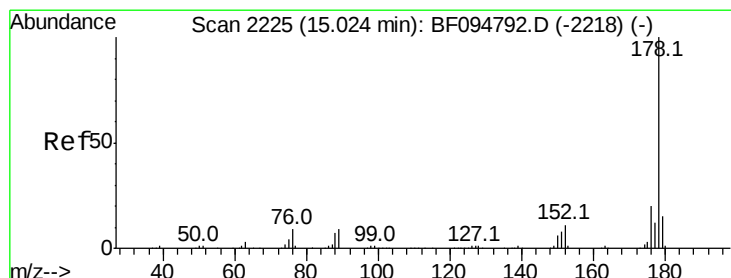
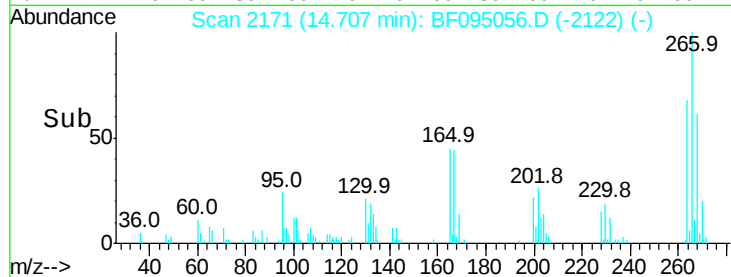
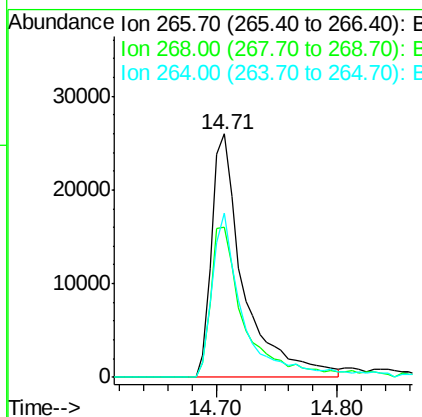
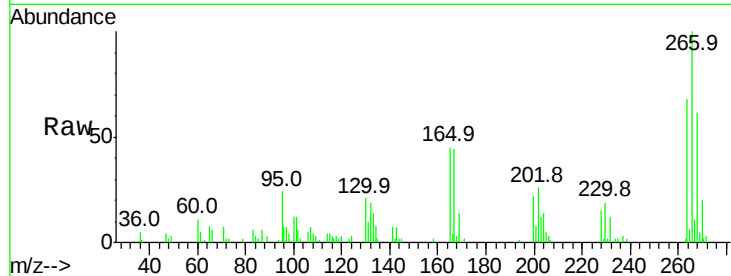




#69
 Pentachlorophenol
 Concen: 35.34 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

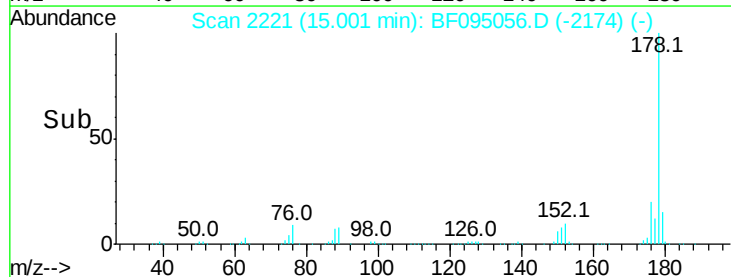
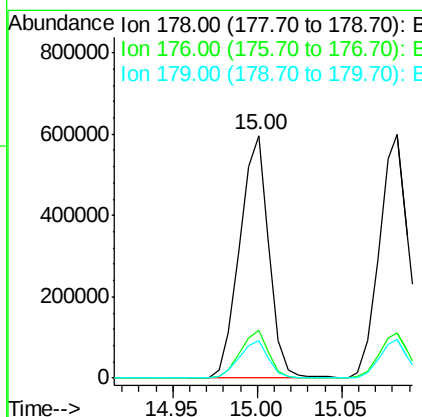
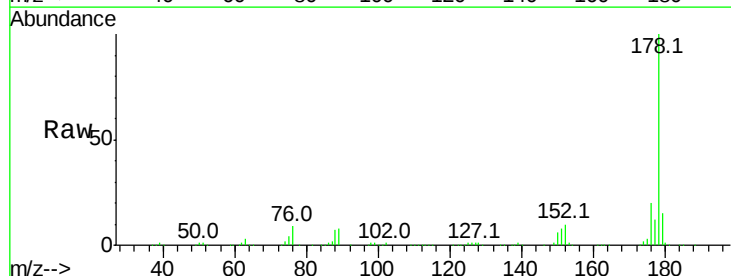
Instrument :
 BNA_F
 ClientSampleId :

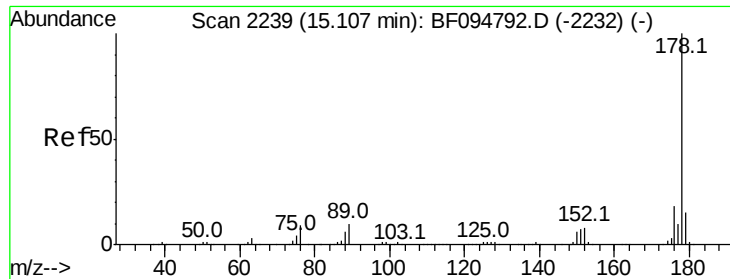
Tot Ion:266 Resp: 47735
 Ion Ratio Lower Upper
 266 100
 268 61.5 51.1 76.7
 264 67.6 51.7 77.5



#70
 Phenanthrene
 Concen: 40.77 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion:178 Resp: 718029
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.3 12.6 19.0

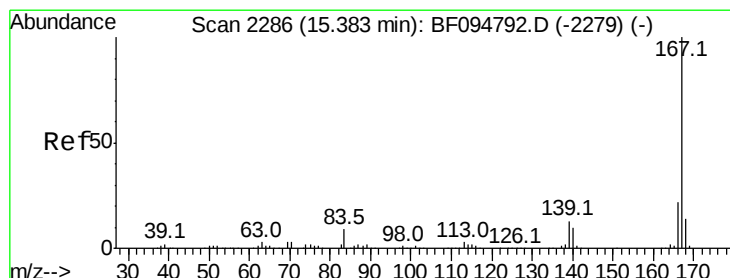
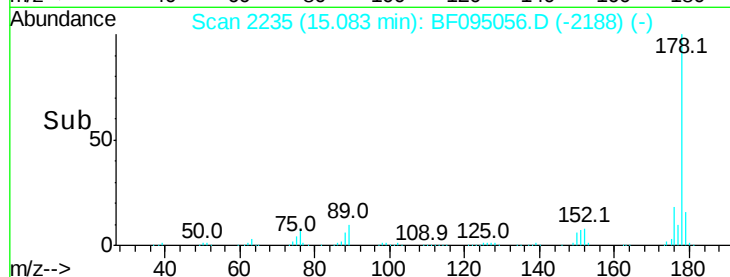
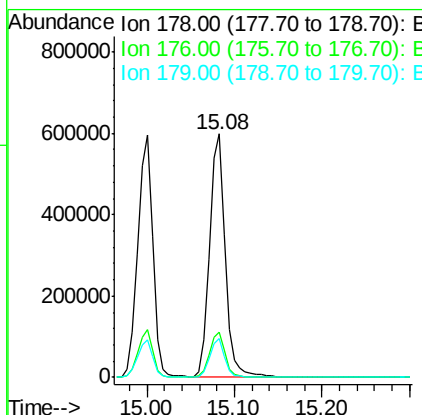
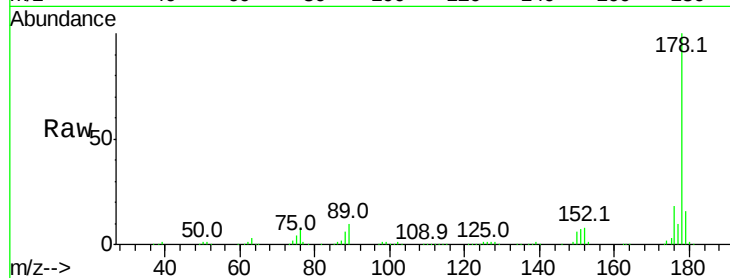




#71
 Anthracene
 Concen: 41.60 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

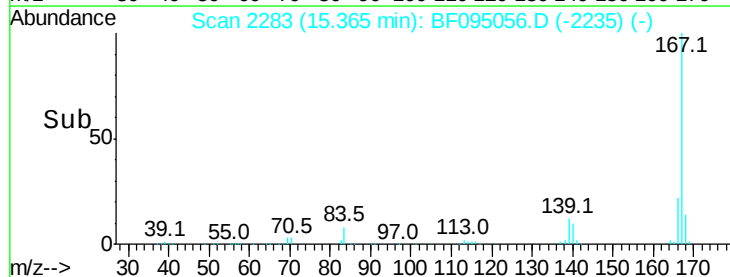
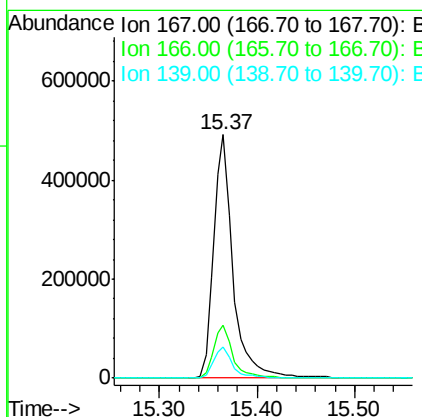
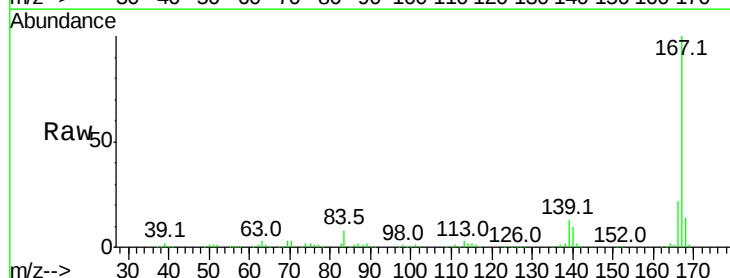
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 748349
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 41.26 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion:167 Resp: 675381
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 13.0 11.7 17.5

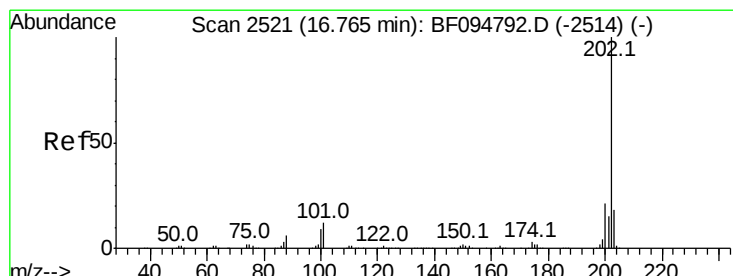
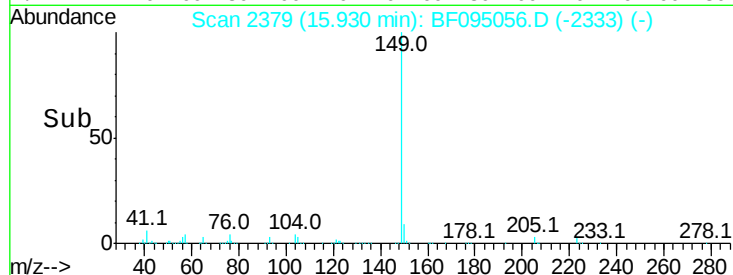
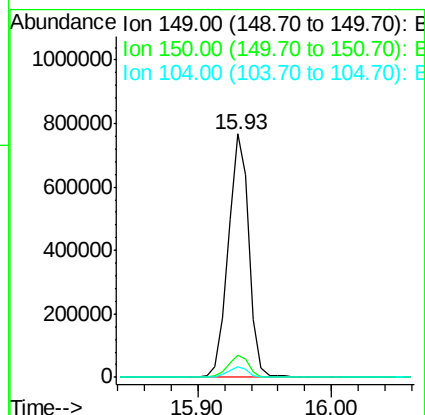
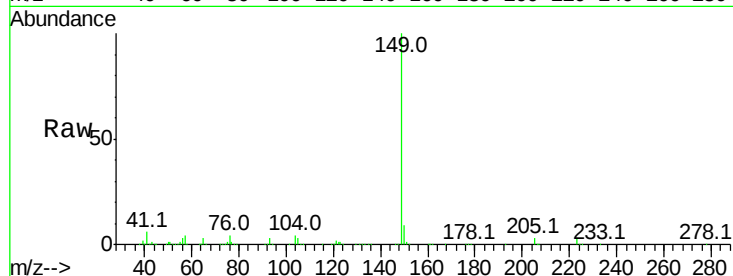




#73
Di-n-butylphthalate
Concen: 40.96 ng
RT: 15.93 min Scan# 2379
Delta R.T. -0.03 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

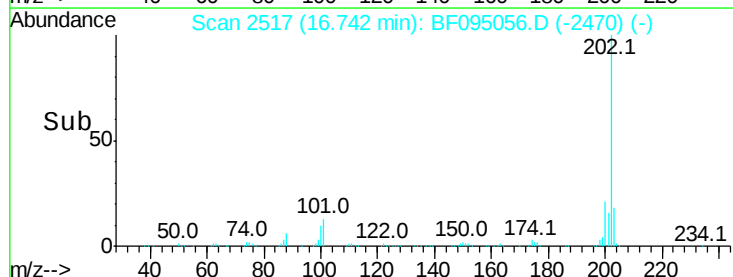
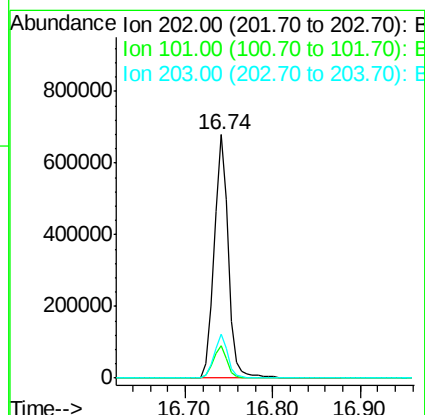
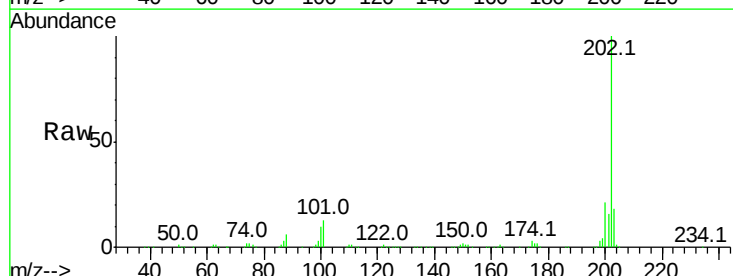
Instrument :
BNA_F
ClientSampleId :

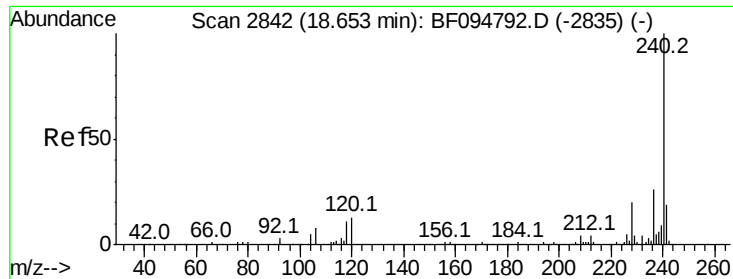
Tot Ion:149 Resp: 836138
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 42.30 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion:202 Resp: 764097
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.2
203 17.9 0.0 38.1

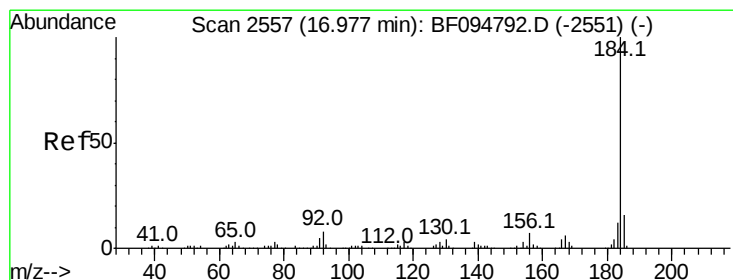
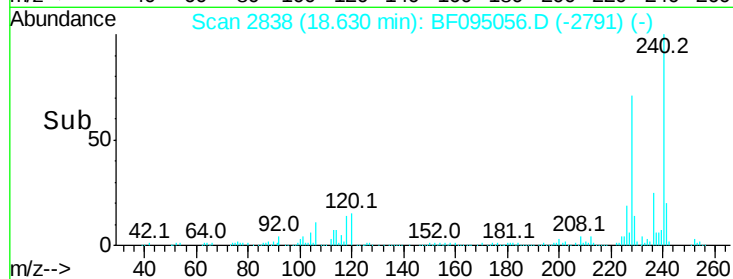
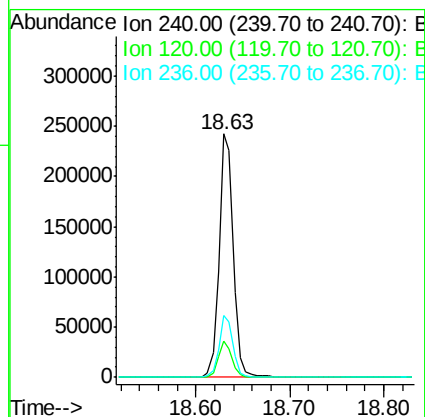
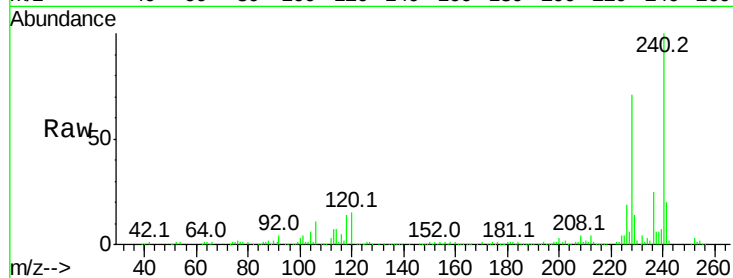




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

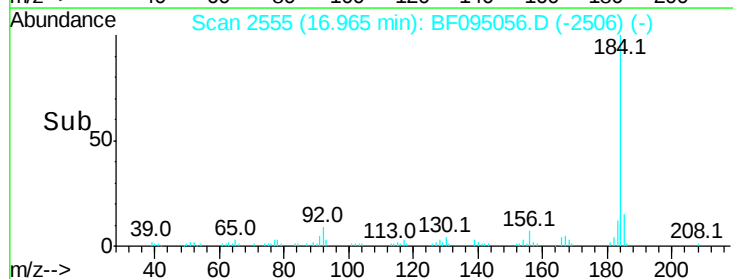
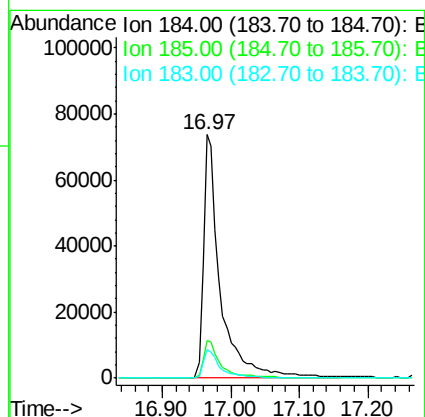
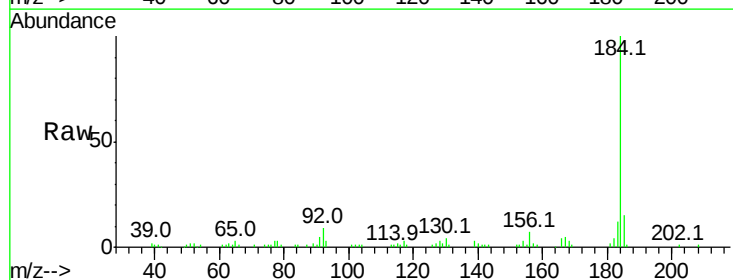
Instrument :
 BNA_F
 ClientSampleId :

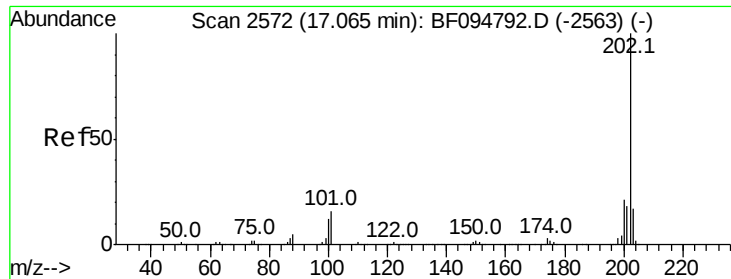
Tot Ion:240 Resp: 256430
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 25.3 20.5 30.7



#76
 Benzidine
 Concen: 22.53 ng
 RT: 16.97 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion:184 Resp: 128110
 Ion Ratio Lower Upper
 184 100
 185 15.5 15.5 23.3#
 183 11.6 9.8 14.6





#77

Pvrene

Concen: 41.06 ng

RT: 17.04 min Scan# 2568

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

Instrument :

BNA_F

ClientSampleId :

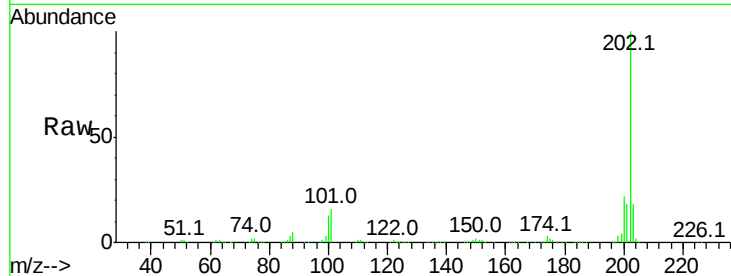
Tot Ion:202 Resp: 787365

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

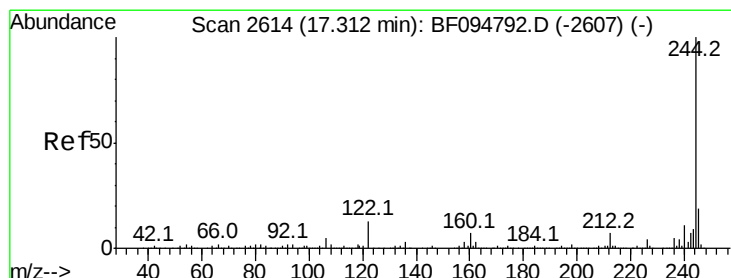
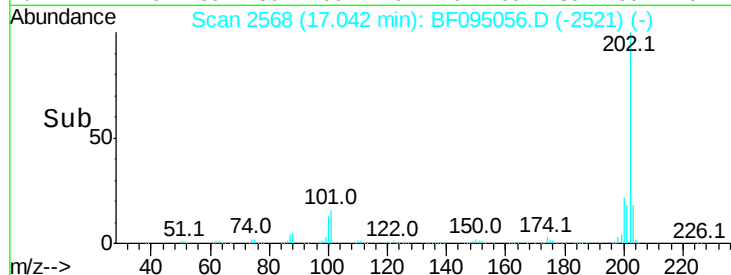
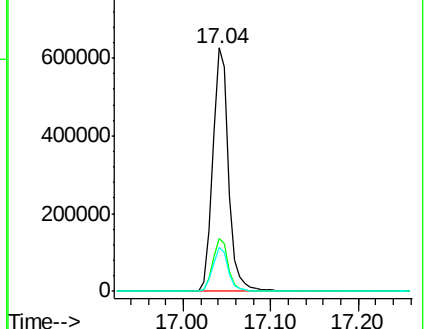
203 18.1 14.4 21.6



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: 77.74 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095056.D

Acq: 10 May 2017 14:52

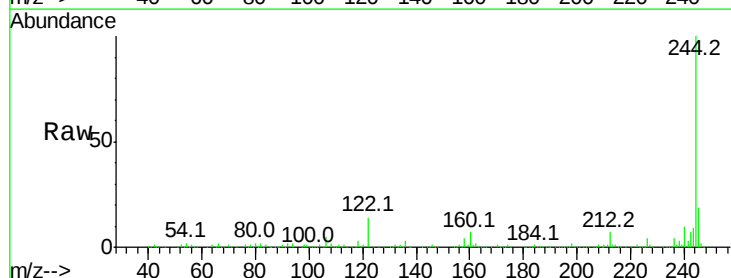
Tgt Ion:244 Resp: 905068

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

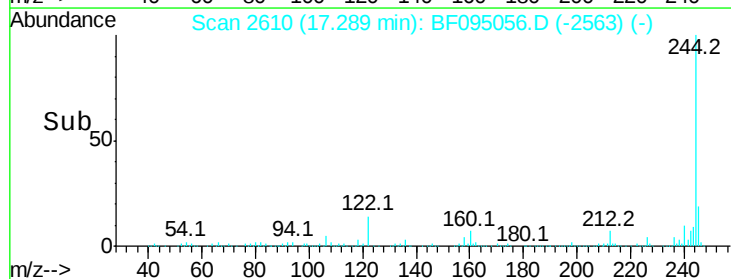
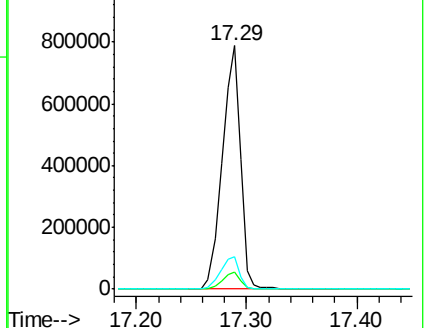
122 13.5 10.3 15.5



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

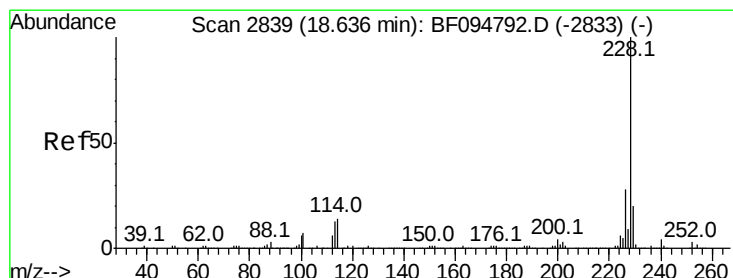
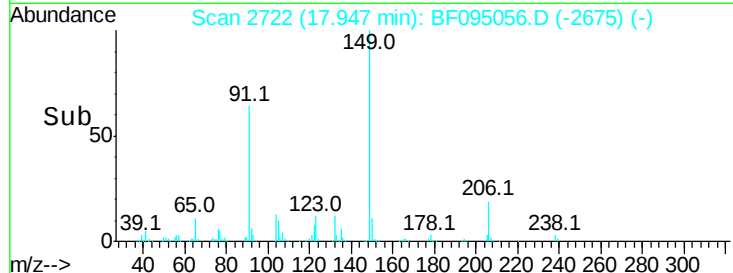
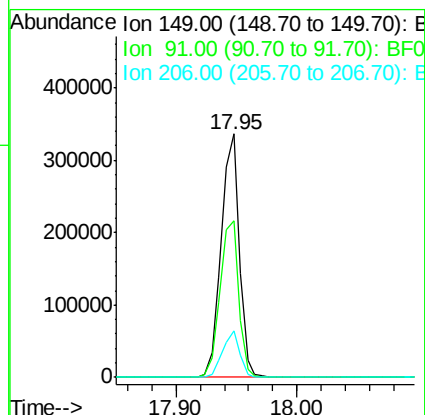
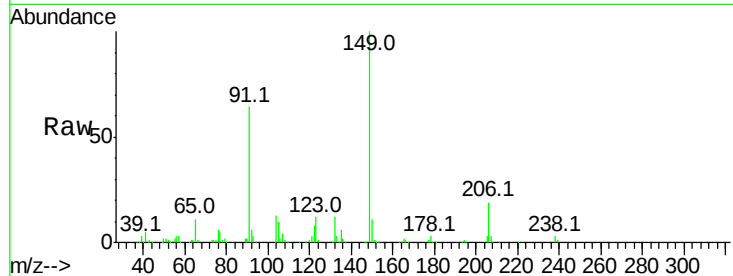




#79
Butylbenzylphthalate
Concen: 38.82 ng
RT: 17.95 min Scan# 2722
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

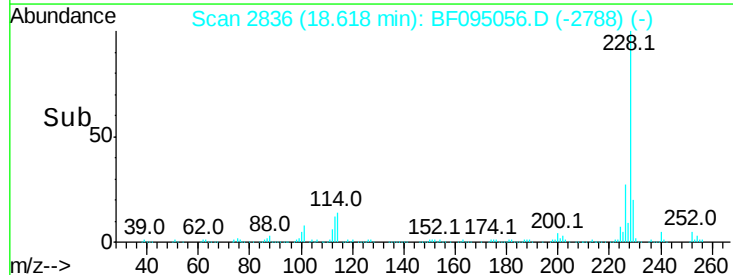
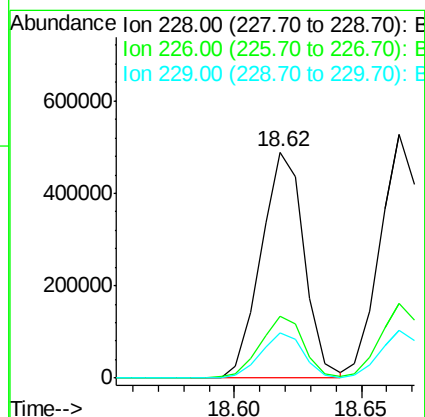
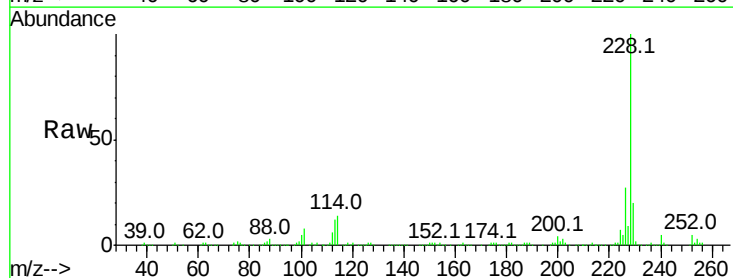
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.2	45.0	67.4
206	19.0	17.0	25.6



#80
Benzo(a)anthracene
Concen: 38.95 ng
RT: 18.62 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.2	16.3	24.5

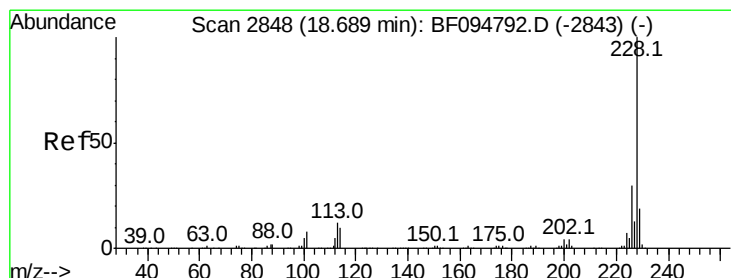
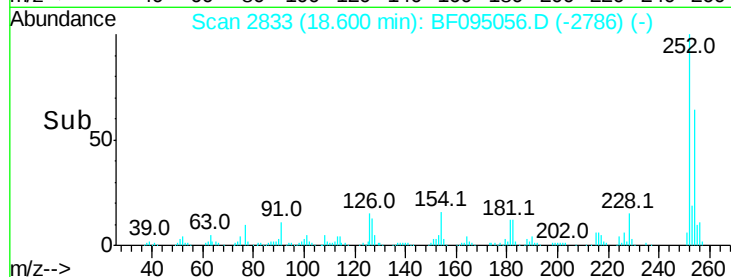
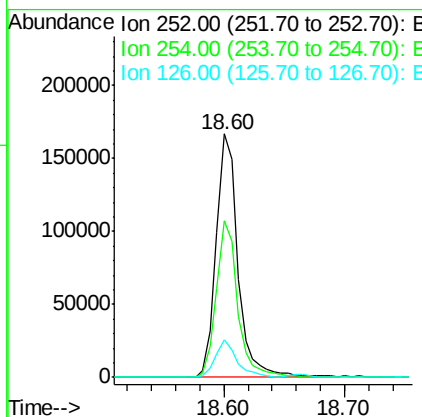
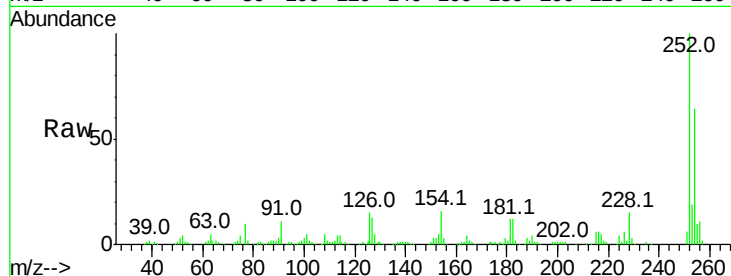




#81
 3,3'-Dichlorobenzidine
 Concen: 40.31 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

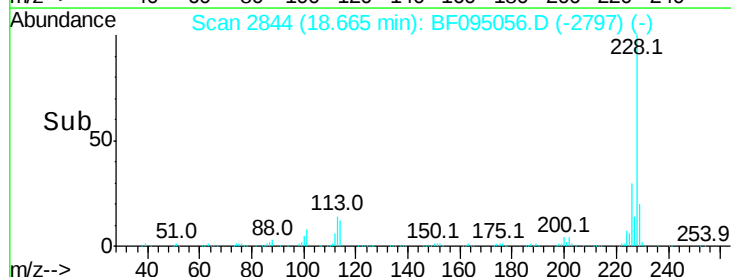
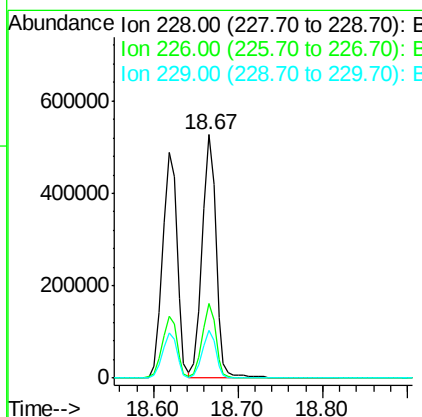
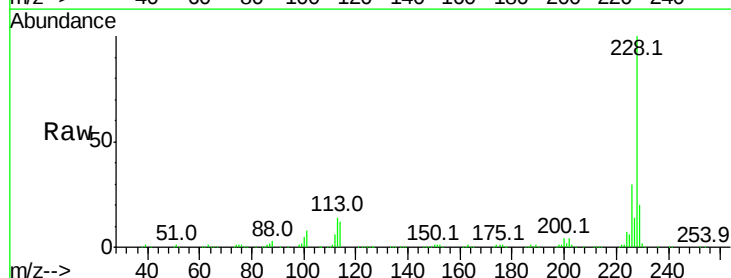
Instrument :
 BNA_F
 ClientSampleId :

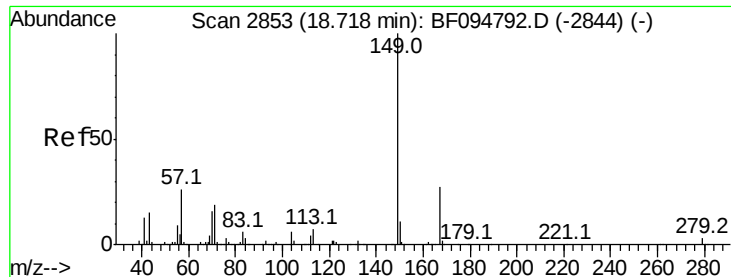
Tot Ion:252 Resp: 207793
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 15.3 15.8 23.8#



#82
 Chrysene
 Concen: 41.40 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion:228 Resp: 597405
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.8 15.8 23.6

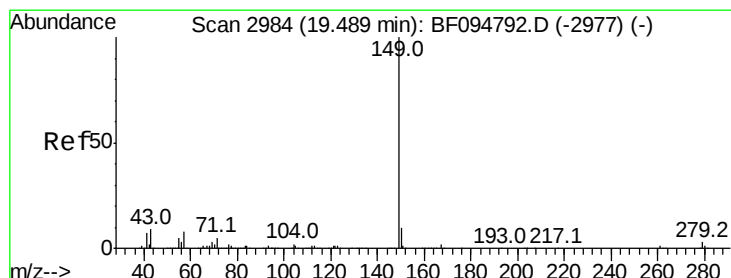
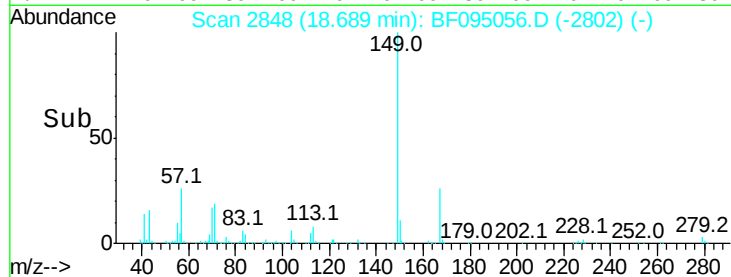
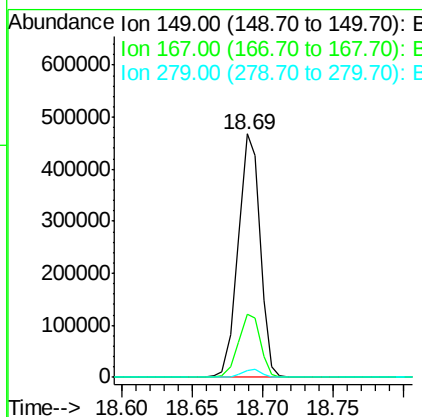
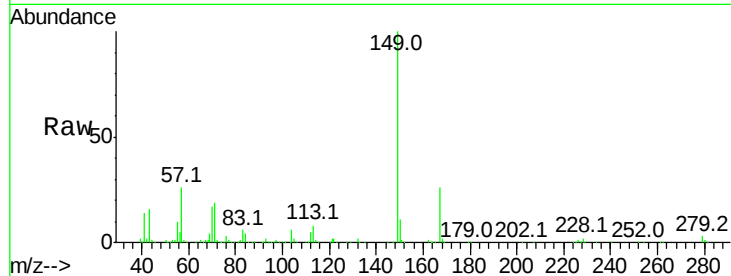




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.81 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.03 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

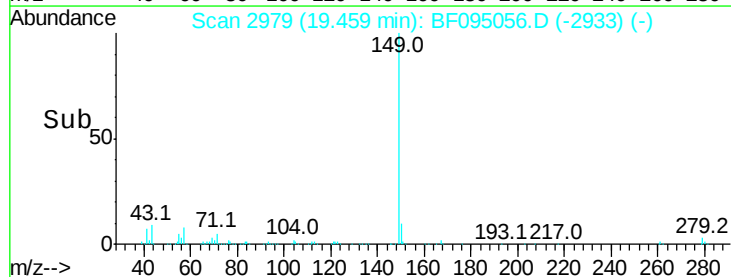
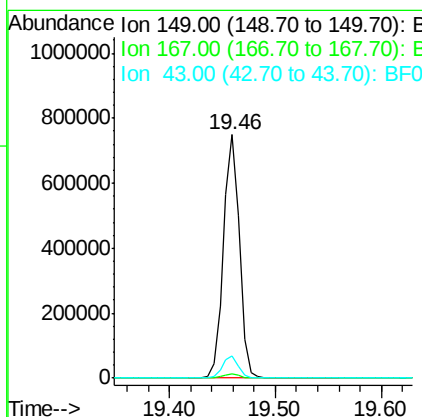
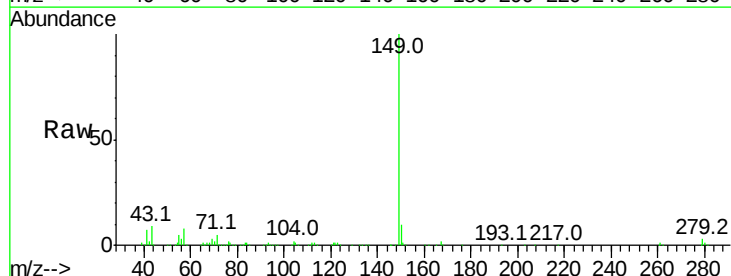
Instrument :
 BNA_F
 ClientSampleId :

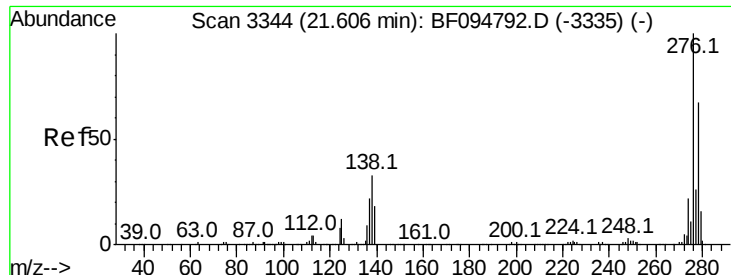
Tot Ion:149 Resp: 505999
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 38.09 ng
 RT: 19.46 min Scan# 2979
 Delta R.T. -0.03 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion:149 Resp: 793747
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 8.5 12.7

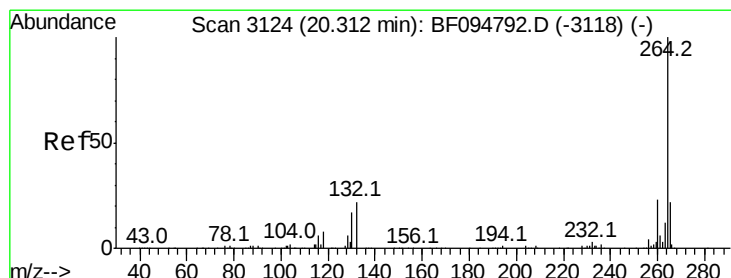
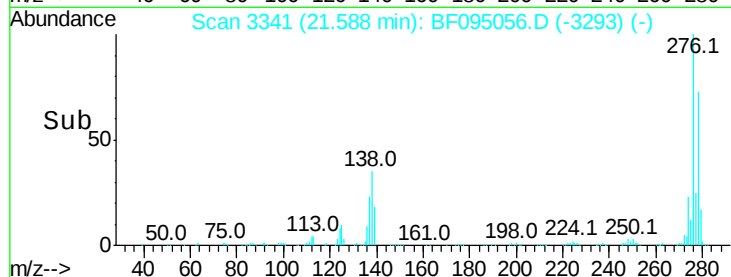
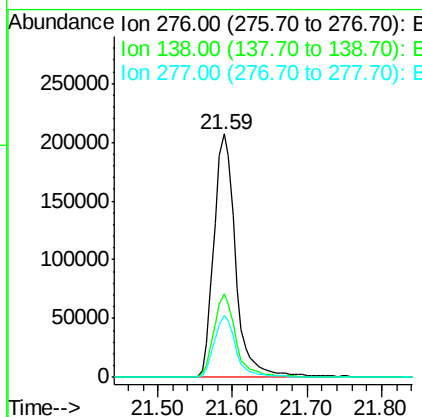
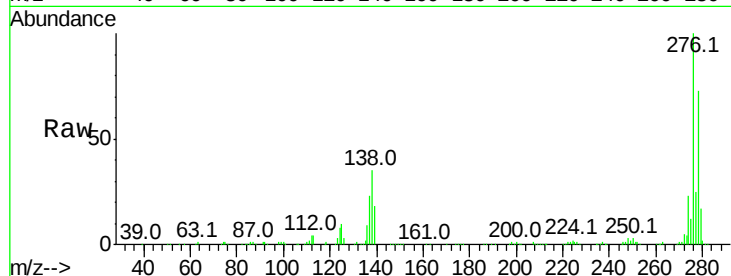




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.91 ng
 RT: 21.59 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

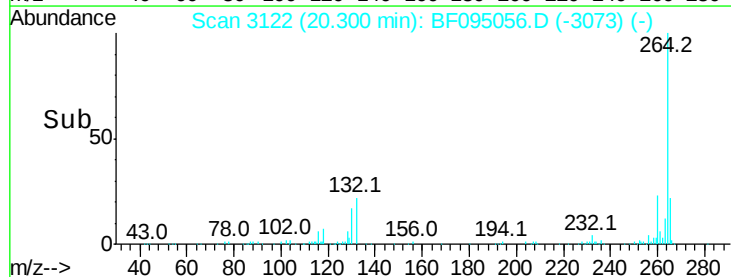
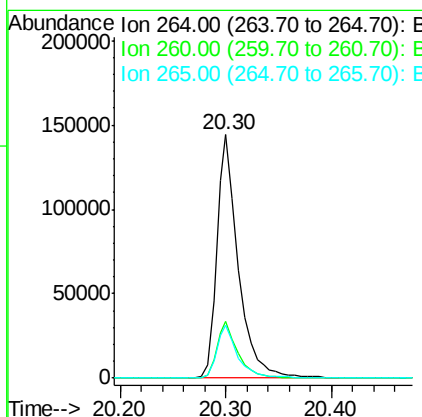
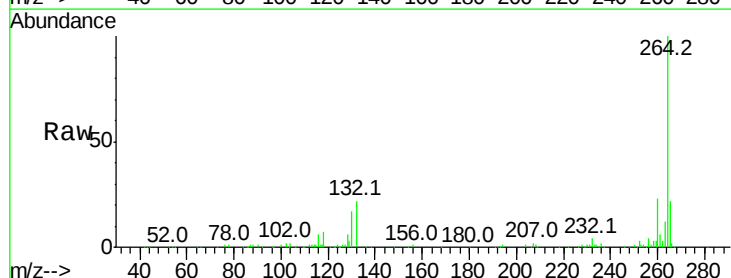
Instrument :
 BNA_F
 ClientSampleId :

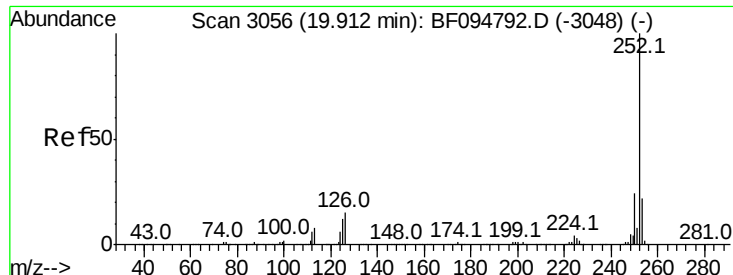
Tot Ion:276 Resp: 420780
 Ion Ratio Lower Upper
 276 100
 138 35.0 27.8 41.6
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Tgt Ion:264 Resp: 205989
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.6 17.2 25.8

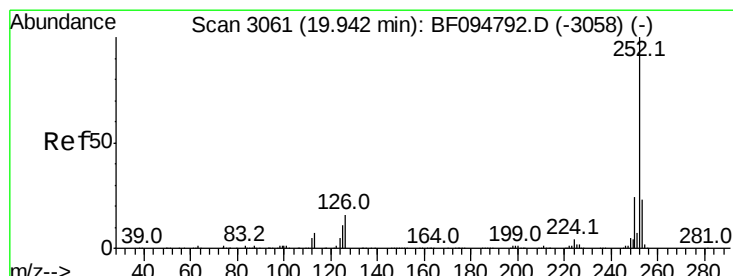
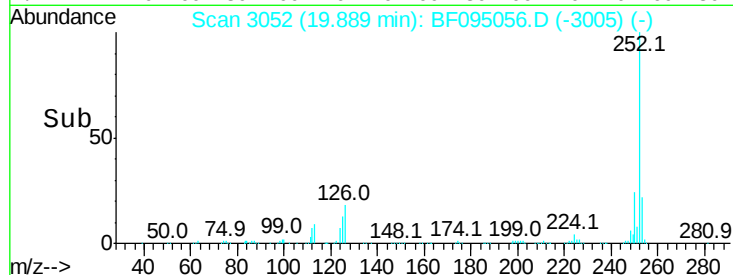
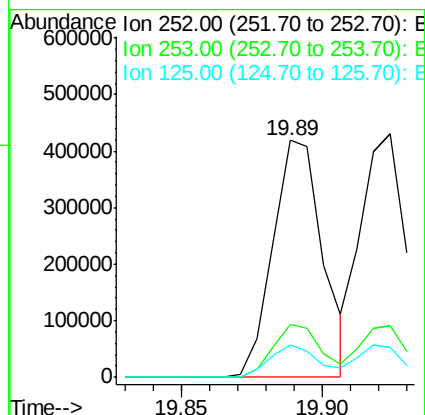
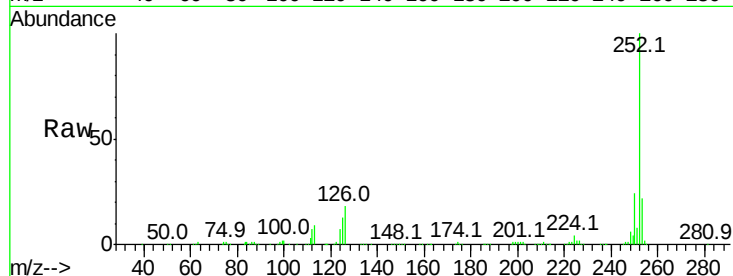




#87
Benzo(b)fluoranthene
Concen: 40.39 ng
RT: 19.89 min Scan# 3052
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

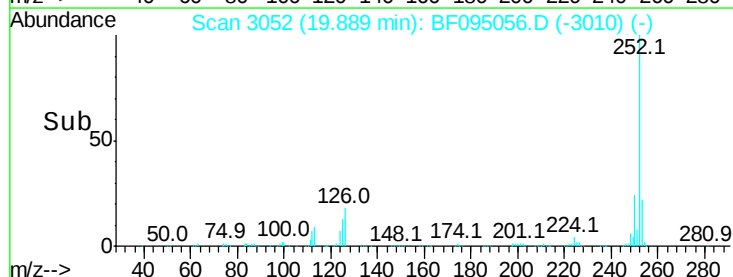
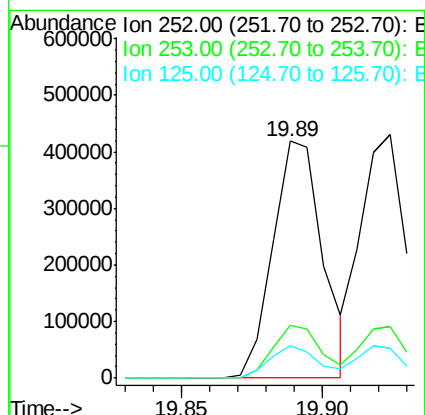
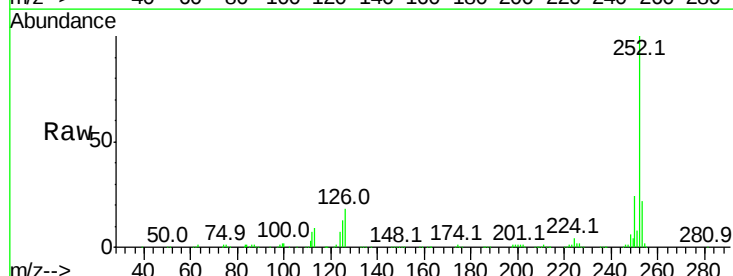
Instrument :
BNA_F
ClientSampled :

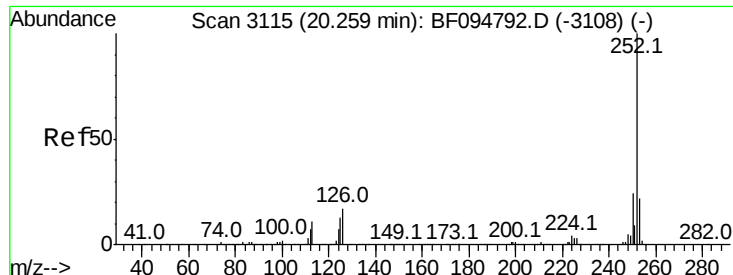
Tot Ion:252 Resp: 514042
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 13.4 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 41.87 ng
RT: 19.89 min Scan# 3052
Delta R.T. -0.05 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion:252 Resp: 514042
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 13.4 13.1 19.7

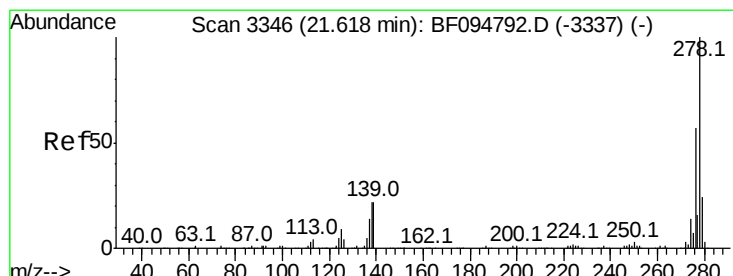
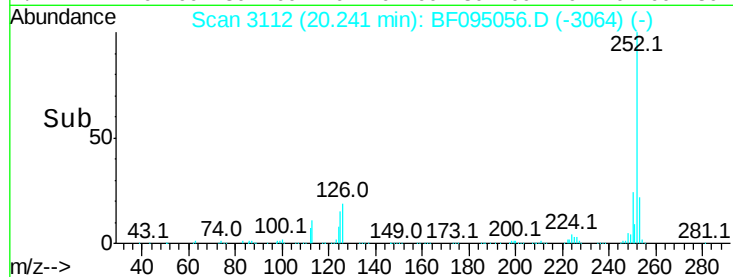
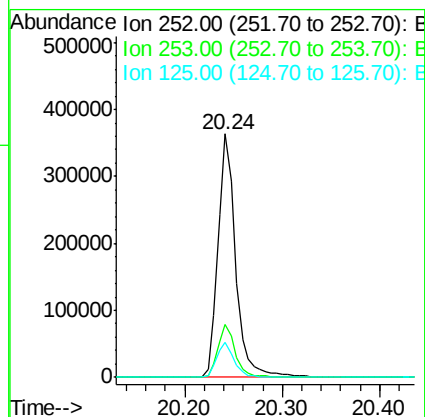
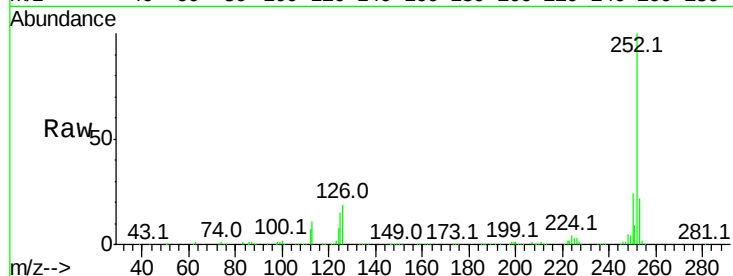




#89
Benzo(a)pyrene
Concen: 39.12 ng
RT: 20.24 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

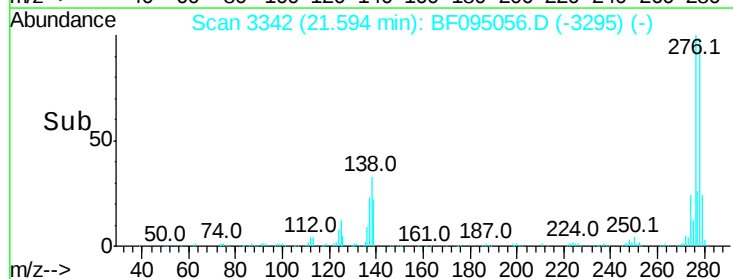
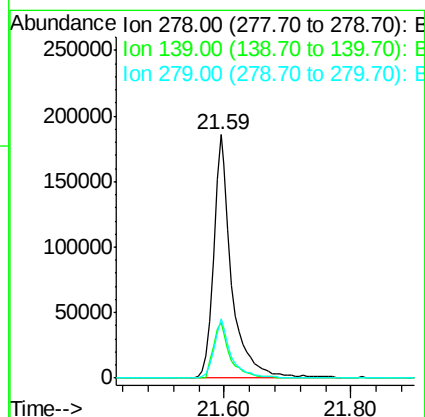
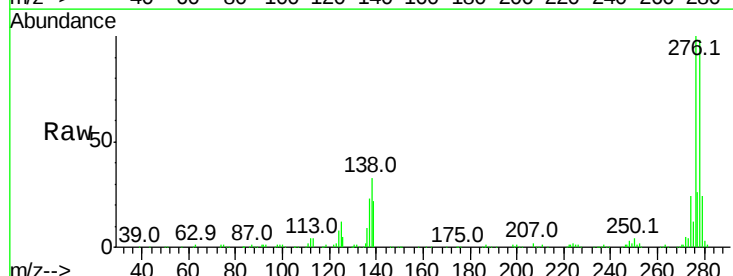
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.6	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.43 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BF095056.D
Acq: 10 May 2017 14:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 39.66 ng
 RT: 21.96 min Scan# 3404
 Delta R.T. -0.02 min
 Lab File: BF095056.D
 Acq: 10 May 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	31.5	25.4	38.0

