

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095036.D
 Acq On : 9 May 2017 22:48
 Operator : SJ/MA
 Sample : I3022-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:17:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	94560	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	380912	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	180251	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	335265	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	262186	20.00	ng	-0.02
86) Perylene-d12	20.29	264	185721	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	734004	129.41	ng	0.00
7) Phenol-d6	7.27	99	892713	131.18	ng	0.00
23) Nitrobenzene-d5	8.62	82	558732	92.50	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	218208	147.82	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1089352	86.99	ng	-0.02
78) Terphenyl-d14	17.29	244	1013357	85.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	97055	34.89	ng	92
3) Pyridine	2.88	79	161583	25.06	ng	98
4) n-Nitrosodimethylamine	2.77	42	107044	39.83	ng	85
6) Aniline	7.23	93	105528	12.28	ng	96
8) 2-Chlorophenol	7.41	128	310780	48.14	ng	95
9) Benzaldehyde	7.05	77	32258	7.76	ng	92
10) Phenol	7.29	94	313940	43.78	ng	88
11) bis(2-Chloroethyl)ether	7.35	93	277899	46.94	ng	97
12) 1,3-Dichlorobenzene	7.62	146	298170	40.72	ng	99
13) 1,4-Dichlorobenzene	7.74	146	294936	39.71	ng	96
14) 1,2-Dichlorobenzene	7.98	146	290038	41.84	ng	96
15) Benzyl Alcohol	8.01	79	236335	53.99	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.21	45	353392	42.18	ng	82
17) 2-Methylphenol	8.22	107	243932	46.17	ng	97
18) Hexachloroethane	8.50	117	94723	37.65	ng	# 86
19) n-Nitroso-di-n-propylamine	8.43	70	209869	45.60	ng	93
20) 3+4-Methylphenols	8.48	107	310746	43.29	ng	# 60
22) Acetophenone	8.39	105	437048	47.82	ng	# 84
24) Nitrobenzene	8.65	77	294254	46.47	ng	92
25) Isophorone	9.05	82	554888	51.44	ng	96
26) 2-Nitrophenol	9.15	139	163180	47.76	ng	97
27) 2,4-Dimethylphenol	9.30	122	277212	50.19	ng	96
28) bis(2-Chloroethoxy)methane	9.42	93	359219	48.14	ng	99
29) 2,4-Dichlorophenol	9.58	162	256626	49.20	ng	99
30) 1,2,4-Trichlorobenzene	9.66	180	244449	43.75	ng	99
31) Naphthalene	9.78	128	2652587	138.56	ng	99
32) Benzoic acid	9.63	122	166639	46.16	ng	95
33) 4-Chloroaniline	9.95	127	31905	4.47	ng	# 89
34) Hexachlorobutadiene	9.98	225	121858	41.33	ng	97
35) Caprolactam	10.56	113	31906	20.37	ng	96
36) 4-Chloro-3-methylphenol	10.77	107	276948	49.66	ng	93
37) 2-Methylnaphthalene	10.89	142	720977	57.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	237483	42.84	ng	100
40) Hexachlorocyclopentadiene	11.15	237	190148	81.48	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095036.D
 Acq On : 9 May 2017 22:48
 Operator : SJ/MA
 Sample : I3022-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:17:17 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

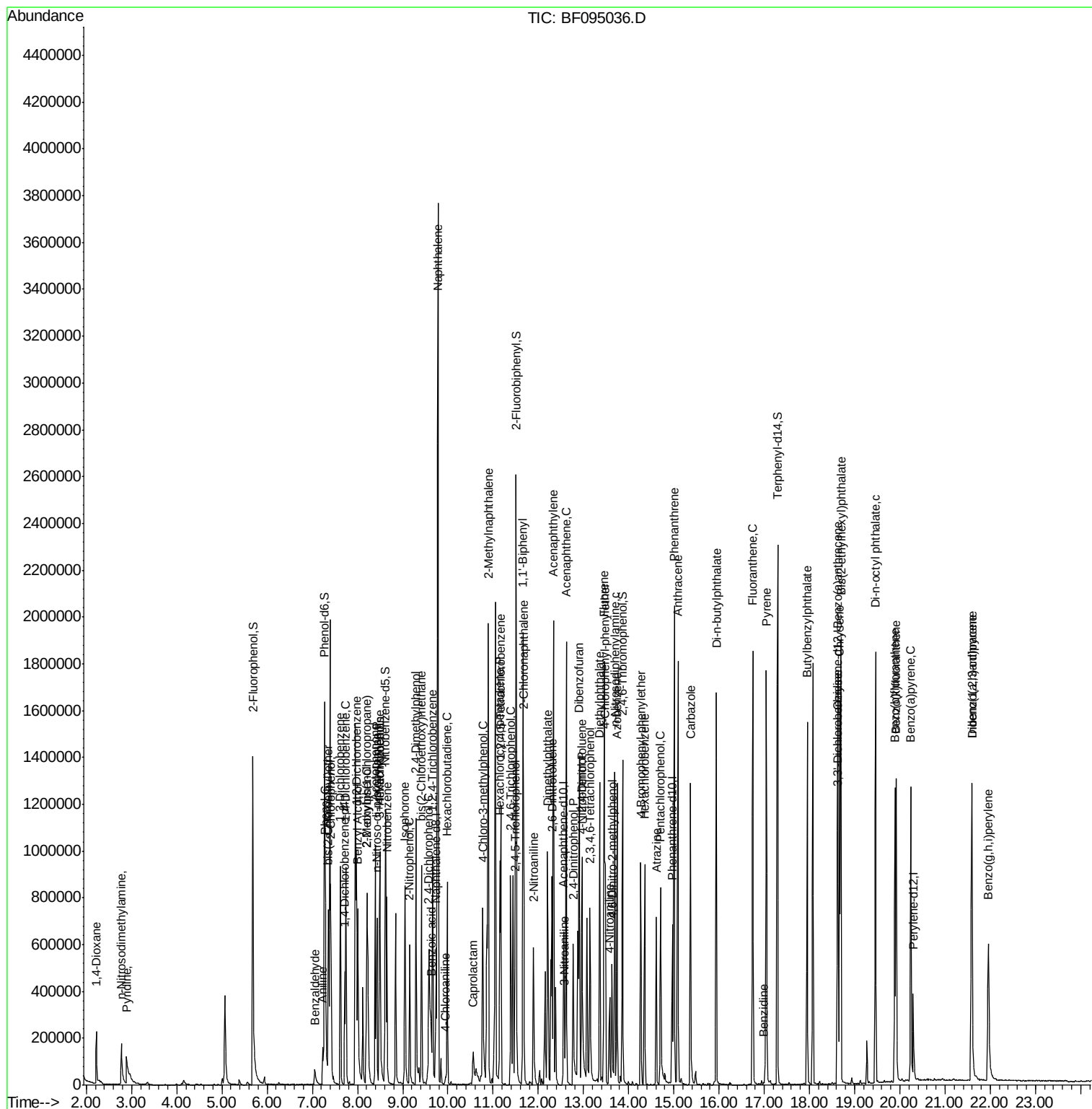
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	179233	48.43	nq	100
43) 2,4,5-Trichlorophenol	11.48	196	183977	46.25	nq	# 93
45) 1,1'-Biphenyl	11.66	154	682032	44.94	nq	98
46) 2-Chloronaphthalene	11.68	162	508391	41.49	nq	96
47) 2-Nitroaniline	11.89	65	152075	45.34	nq	# 84
48) Acenaphthylene	12.34	152	1177846	61.37	nq	99
49) Dimethylphthalate	12.21	163	672997	45.48	nq	98
50) 2,6-Dinitrotoluene	12.30	165	149443	49.50	nq	95
51) Acenaphthene	12.62	154	550017	47.98	nq	99
52) 3-Nitroaniline	12.58	138	42118	13.00	nq	89
53) 2,4-Dinitrophenol	12.77	184	161326	95.69	nq	# 68
54) Dibenzofuran	12.91	168	783475	49.39	nq	98
55) 4-Nitrophenol	12.95	139	185630	95.38	nq	# 71
56) 2,4-Dinitrotoluene	12.97	165	202902	52.31	nq	# 89
57) Fluorene	13.46	166	711800	51.60	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	147852	59.06	nq	92
59) Diethylphthalate	13.36	149	649975	45.83	nq	98
60) 4-Chlorophenyl-phenylether	13.48	204	286571	47.27	nq	91
61) 4-Nitroaniline	13.58	138	111884	37.61	nq	95
62) Azobenzene	13.74	77	599339	52.59	nq	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	104916	46.68	nq	# 71
65) n-Nitrosodiphenylamine	13.69	169	467039	38.38	nq	100
66) 4-Bromophenyl-phenylether	14.27	248	160970	45.45	nq	98
67) Hexachlorobenzene	14.35	284	163852	45.14	nq	# 88
68) Atrazine	14.61	200	114937	33.45	nq	98
69) Pentachlorophenol	14.71	266	153016	92.26	nq	99
70) Phenanthrene	15.01	178	1037005	53.83	nq	99
71) Anthracene	15.09	178	981791	49.90	nq	98
72) Carbazole	15.37	167	777654	43.44	nq	98
73) Di-n-butylphthalate	15.94	149	1075359	48.16	nq	99
74) Fluoranthene	16.74	202	961681	48.67	nq	99
76) Benzidine	16.99	184	14615	8.37	nq	# 91
77) Pyrene	17.05	202	901086	45.95	nq	99
79) Butylbenzylphthalate	17.95	149	439465	48.18	nq	# 87
80) Benzo(a)anthracene	18.62	228	748967	49.08	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	32612	6.19	nq	# 97
82) Chrysene	18.66	228	721526	48.90	nq	98
83) Bis(2-ethylhexyl)phthalate	18.69	149	652916	50.24	nq	# 100
84) Di-n-octyl phthalate	19.46	149	1040502	48.84	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	572757	47.80	nq	100
87) Benzo(b)fluoranthene	19.89	252	602249	52.48	nq	99
88) Benzo(k)fluoranthene	19.92	252	594458	53.70	nq	# 95
89) Benzo(a)pyrene	20.24	252	552147	52.14	nq	99
90) Dibenzo(a,h)anthracene	21.59	278	483353	55.27	nq	98
91) Benzo(g,h,i)perylene	21.96	276	489762	57.07	nq	97

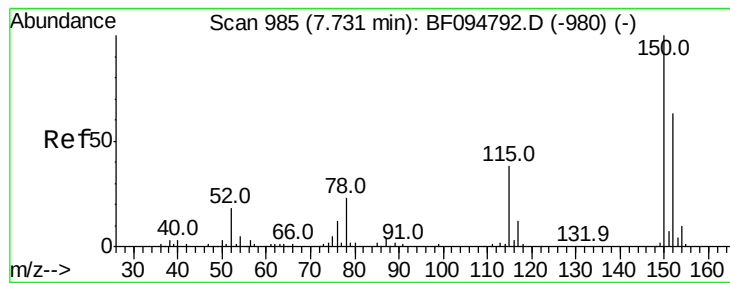
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095036.D
Acq On : 9 May 2017 22:48
Operator : SJ/MA
Sample : I3022-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: May 10 01:17:17 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

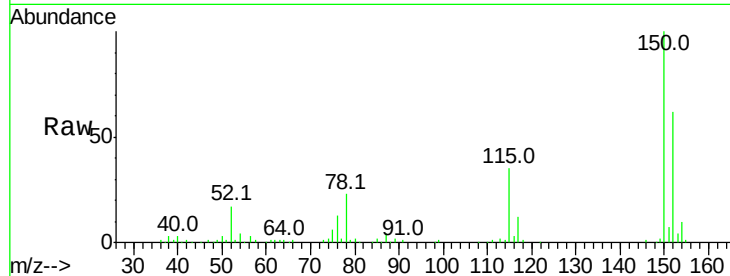
Tot Ion:152 Resp: 94560

Ion Ratio Lower Upper

152 100

150 161.3 126.2 189.2

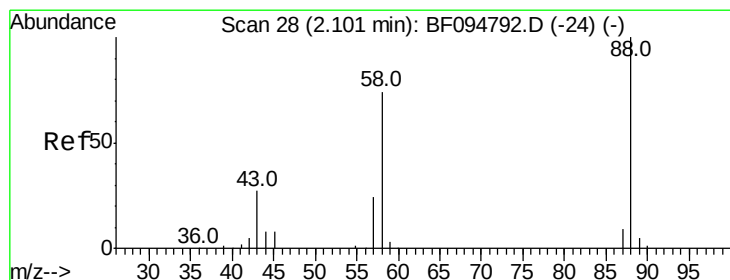
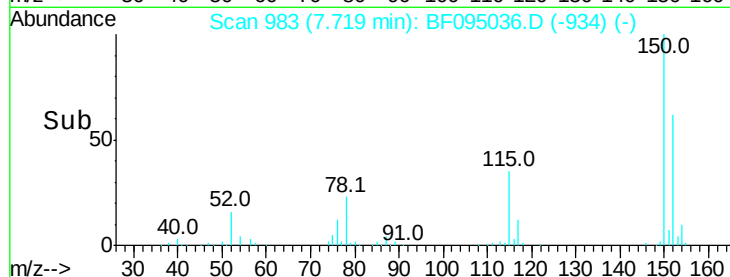
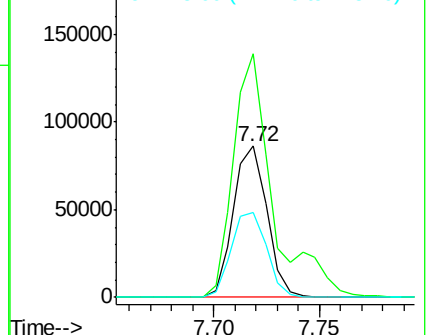
115 56.5 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.89 ng

RT: 2.22 min Scan# 48

Delta R.T. 0.12 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

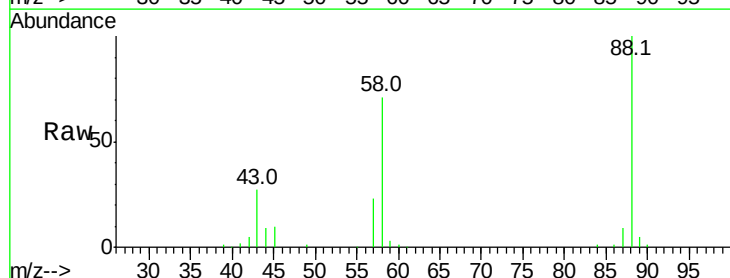
Tgt Ion: 88 Resp: 97055

Ion Ratio Lower Upper

88 100

58 70.4 61.4 92.0

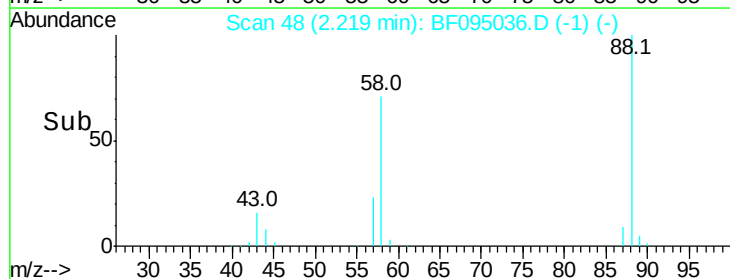
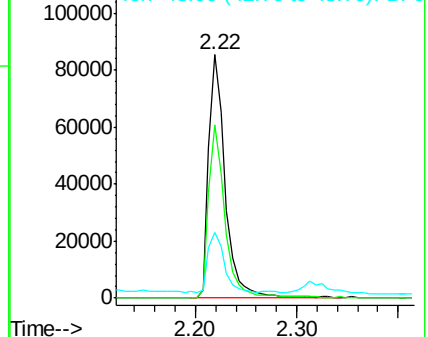
43 24.5 23.4 35.0

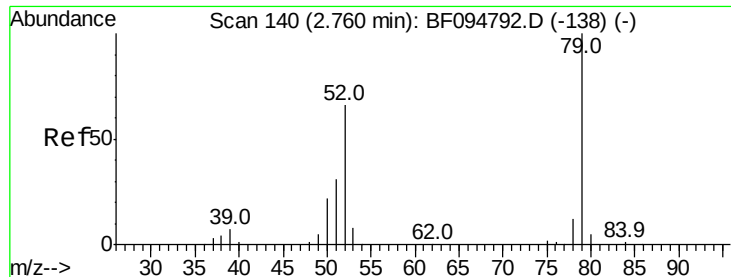


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 25.06 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.12 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

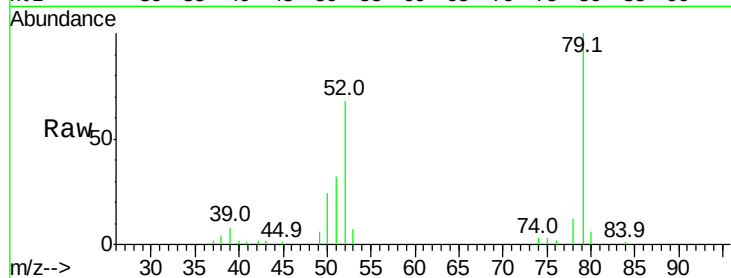
Tot Ion: 79 Resp: 161583

Ion Ratio Lower Upper

79 100

52 67.6 54.8 82.2

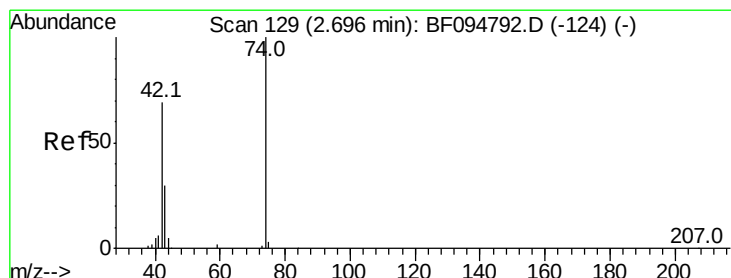
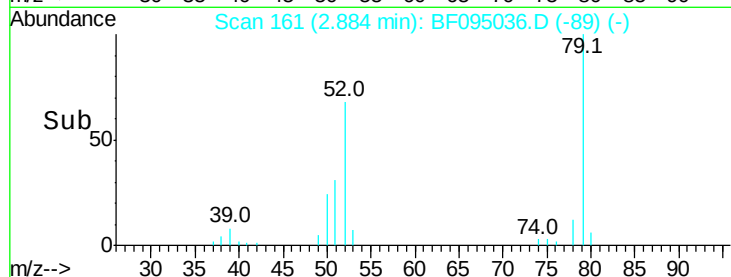
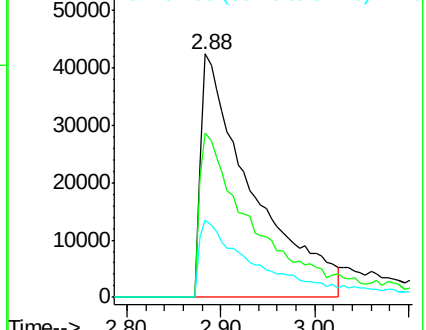
51 31.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.83 ng

RT: 2.77 min Scan# 142

Delta R.T. 0.08 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

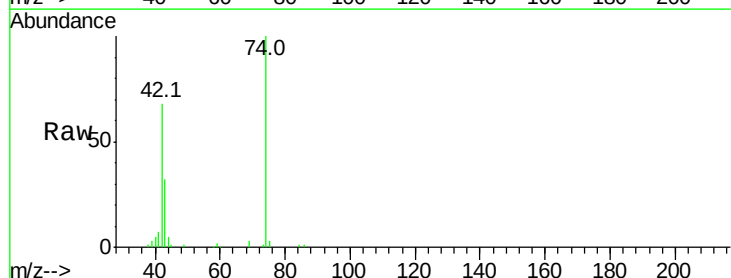
Tgt Ion: 42 Resp: 107044

Ion Ratio Lower Upper

42 100

74 147.8 103.9 155.9

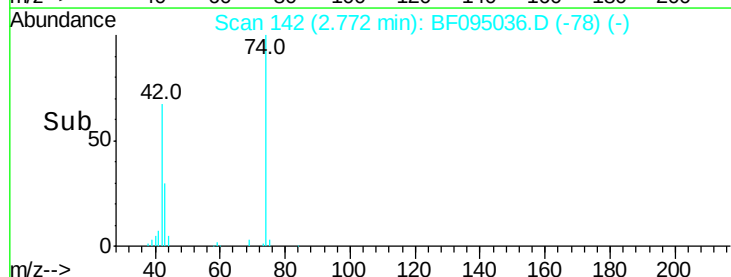
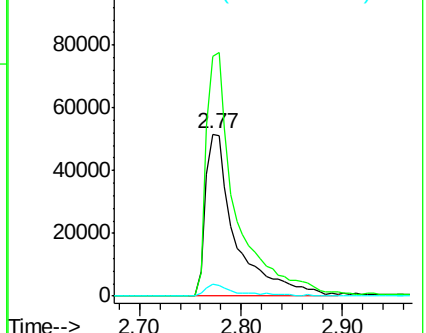
44 7.1 5.7 8.5

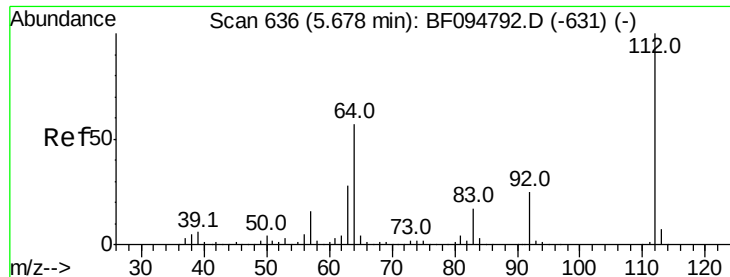


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 129.41 ng

RT: 5.68 min Scan# 637

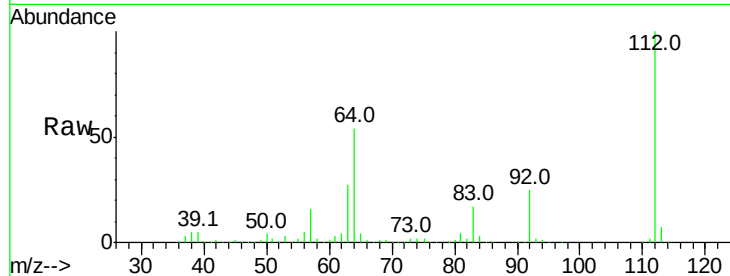
Delta R.T. 0.01 min

Lab File: BF095036.D

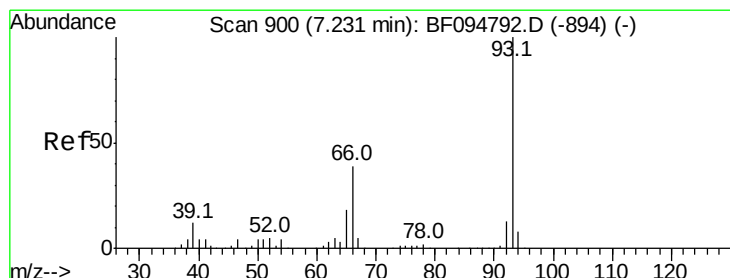
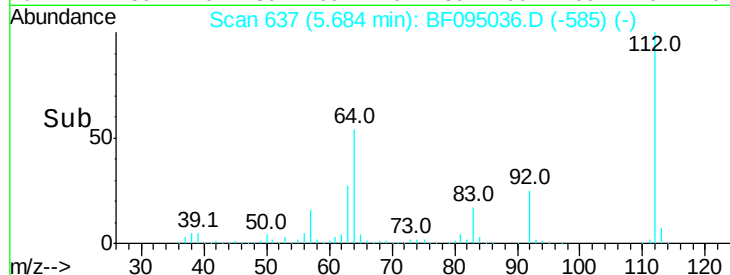
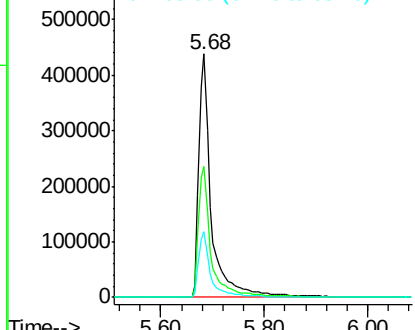
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	734004
Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	26.8	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 12.28 ng

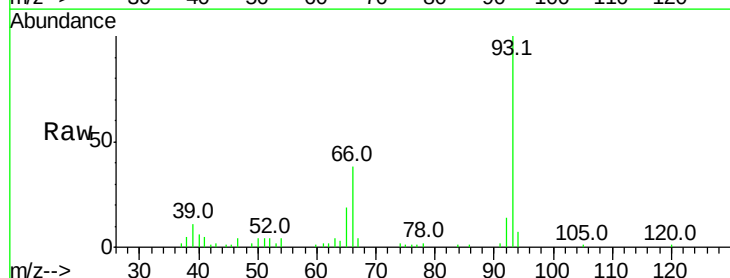
RT: 7.23 min Scan# 900

Delta R.T. -0.00 min

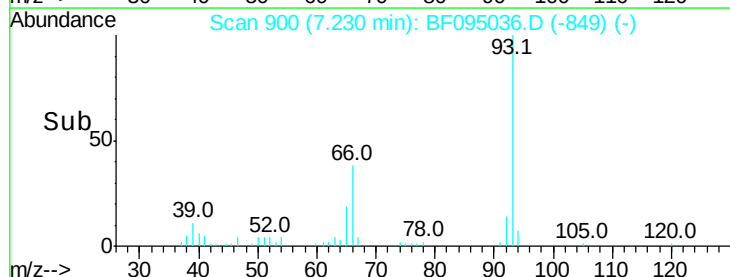
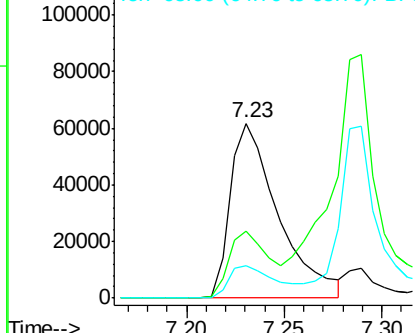
Lab File: BF095036.D

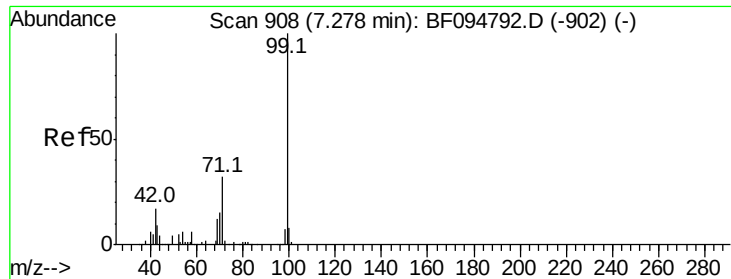
Acq: 9 May 2017 22:48

Tgt Ion:	93	Resp:	105528
Ion	Ratio	Lower	Upper
93	100		
66	38.2	32.9	49.3
65	18.9	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 131.18 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

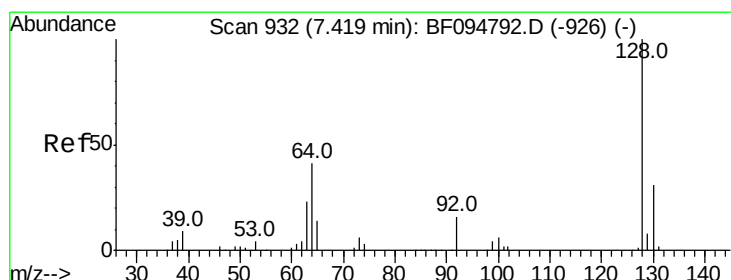
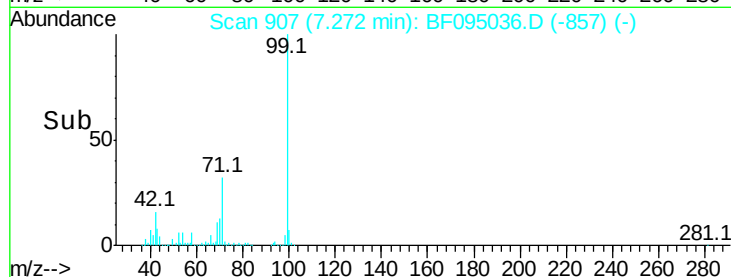
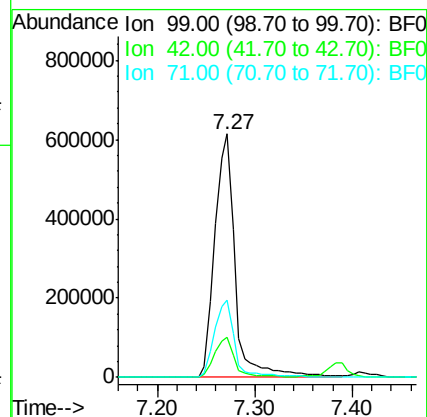
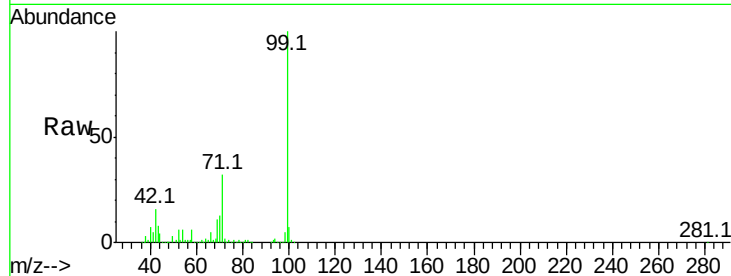
Tot Ion: 99 Resp: 892713

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

71 32.0 24.5 36.7



#8

2-Chlorophenol

Concen: 48.14 ng

RT: 7.41 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

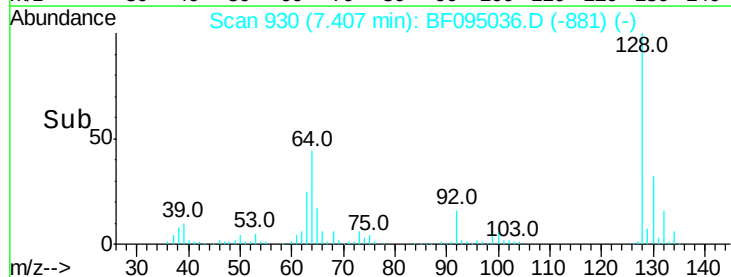
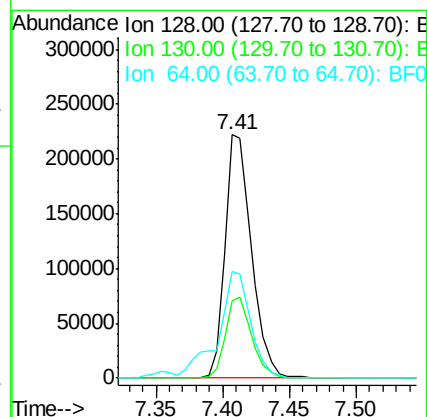
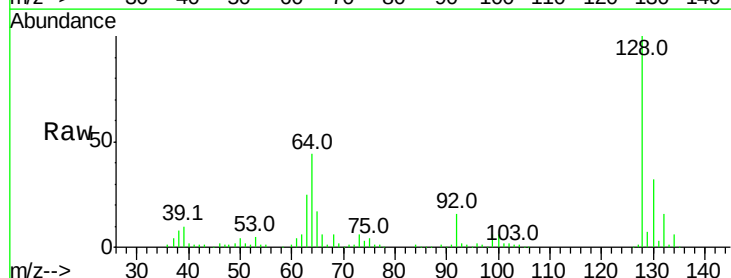
Tgt Ion: 128 Resp: 310780

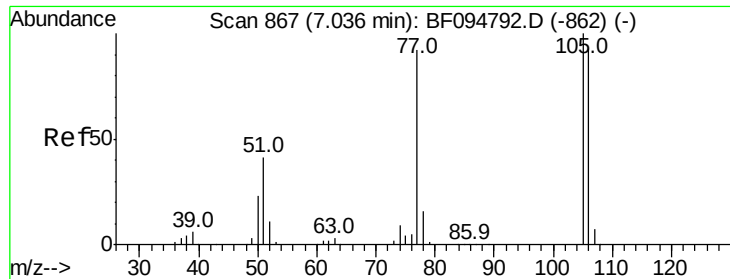
Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

64 43.7 28.4 68.4





#9

Benzaldehyde

Concen: 7.76 ng

RT: 7.05 min Scan# 870

Delta R.T. 0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

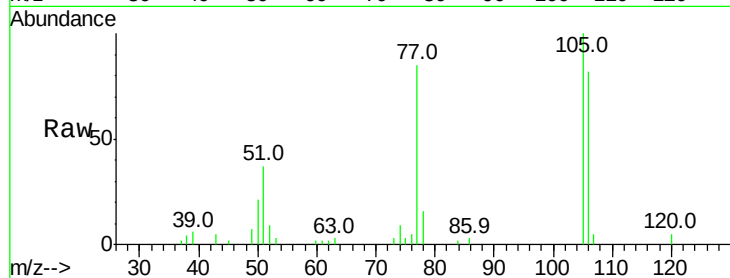
Tot Ion: 77 Resp: 32258

Ion Ratio Lower Upper

77 100

105 117.7 83.8 123.8

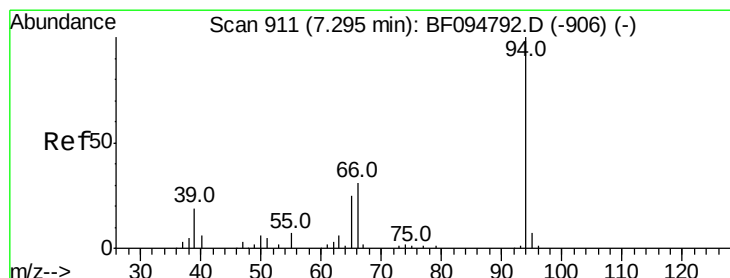
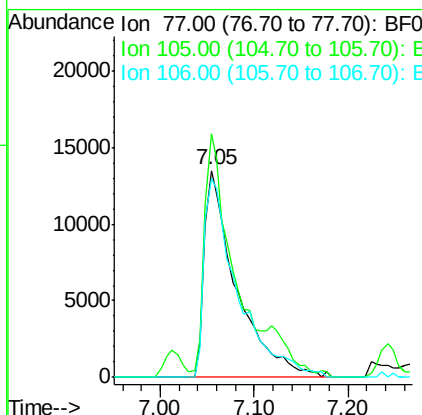
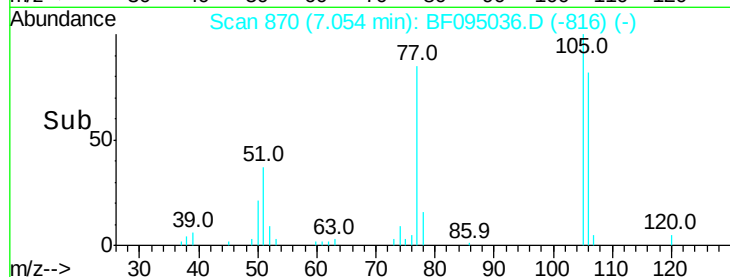
106 96.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.78 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

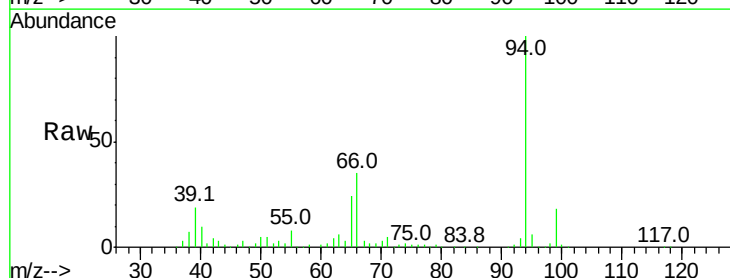
Tgt Ion: 94 Resp: 313940

Ion Ratio Lower Upper

94 100

65 24.5 9.9 49.9

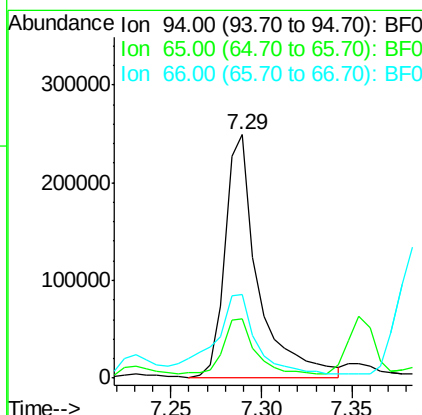
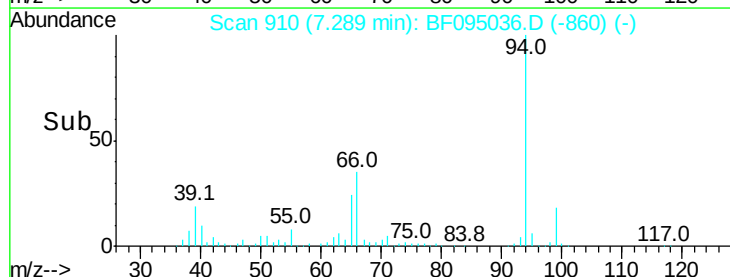
66 34.5 23.1 63.1

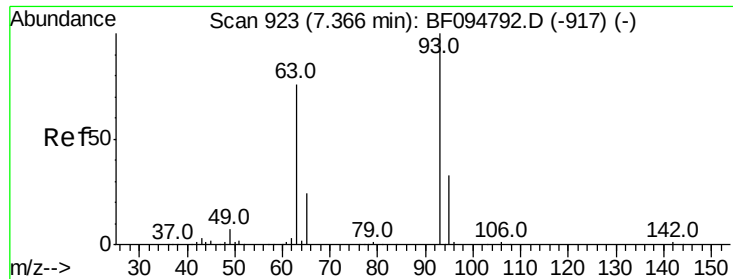


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



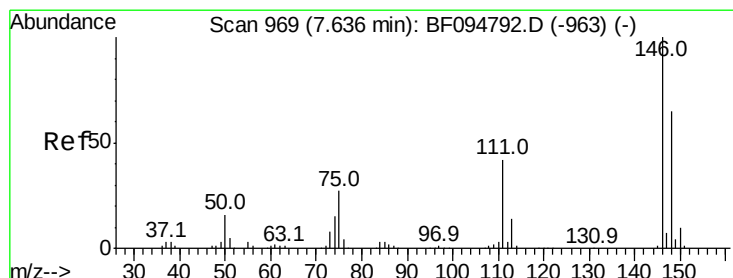
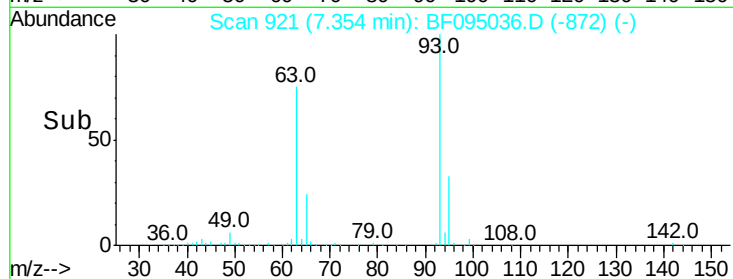
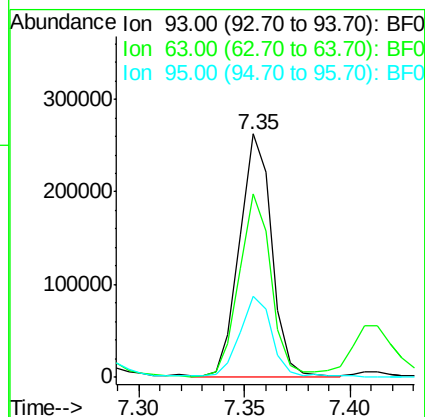
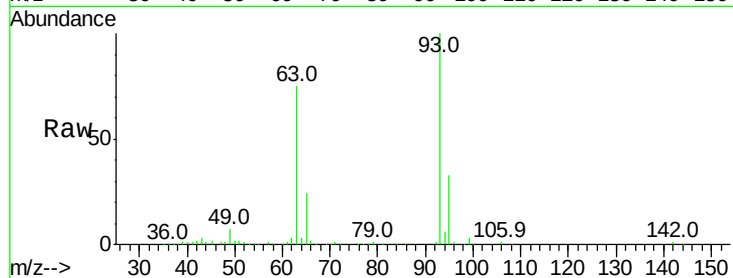


#11
 bis(2-Chloroethyl)ether
 Concen: 46.94 ng
 RT: 7.35 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 277899

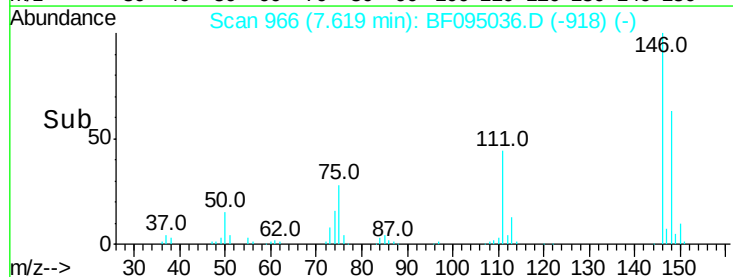
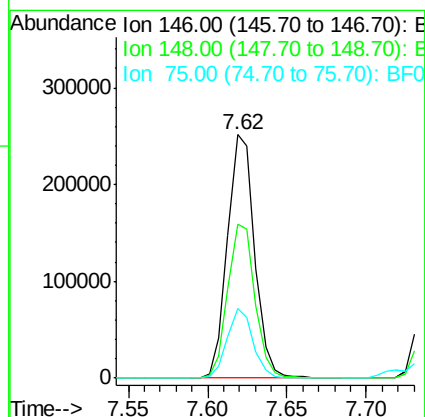
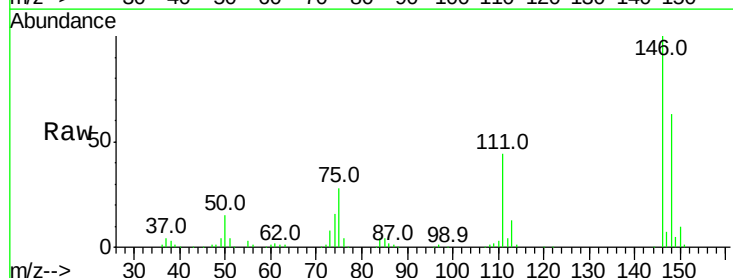
Ion	Ratio	Lower	Upper
93	100		
63	75.3	59.2	99.2
95	33.2	12.8	52.8

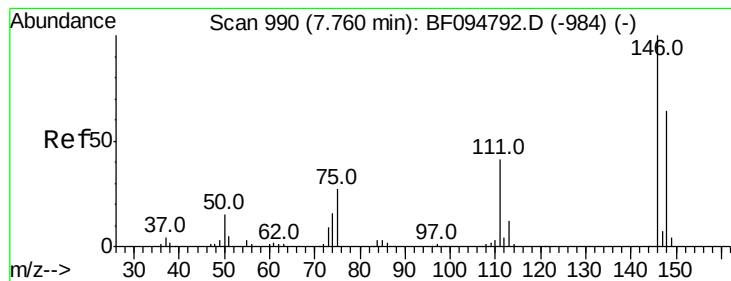


#12
 1,3-Dichlorobenzene
 Concen: 40.72 ng
 RT: 7.62 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion: 146 Resp: 298170

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
75	28.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.71 ng

RT: 7.74 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

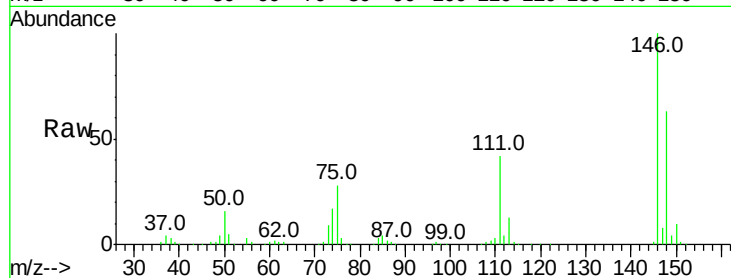
Tot Ion:146 Resp: 294936

Ion Ratio Lower Upper

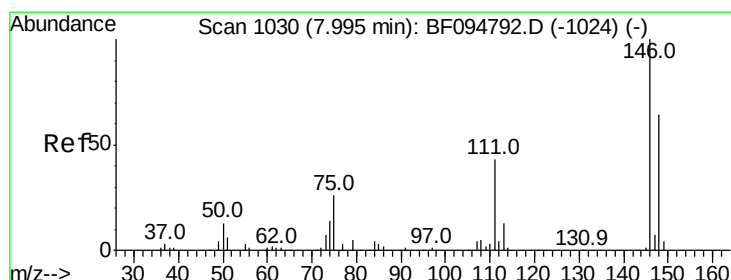
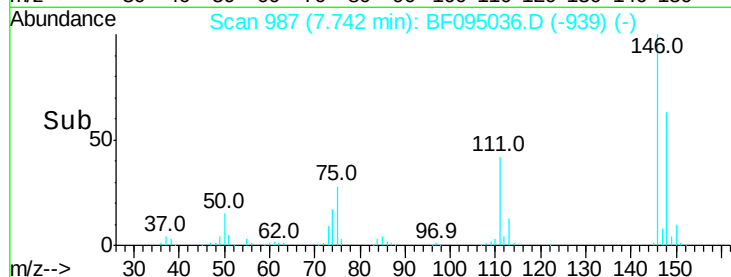
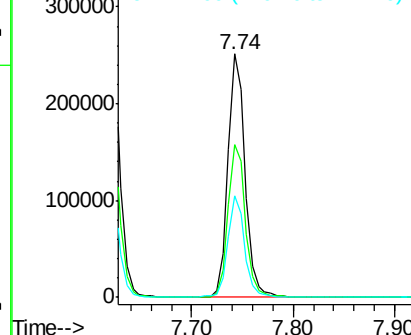
146 100

148 62.5 52.2 78.2

111 41.6 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: 41.84 ng

RT: 7.98 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

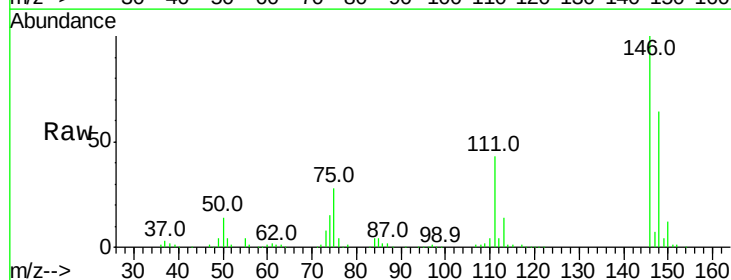
Tgt Ion:146 Resp: 290038

Ion Ratio Lower Upper

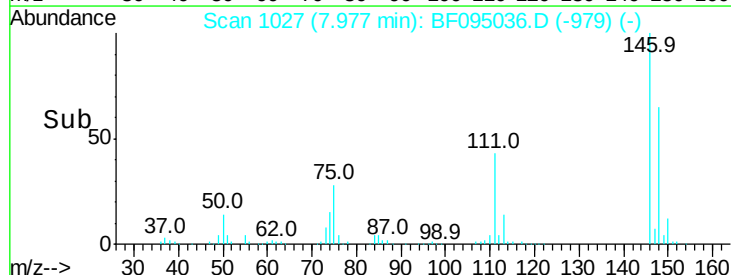
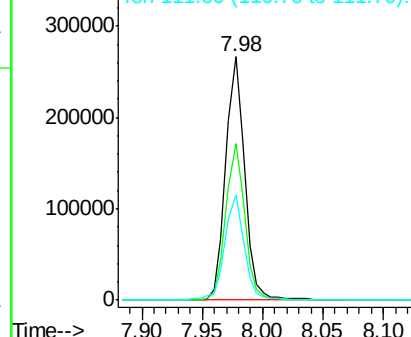
146 100

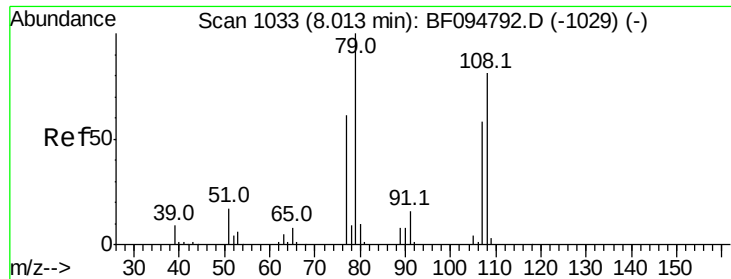
148 64.4 50.4 75.6

111 43.1 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

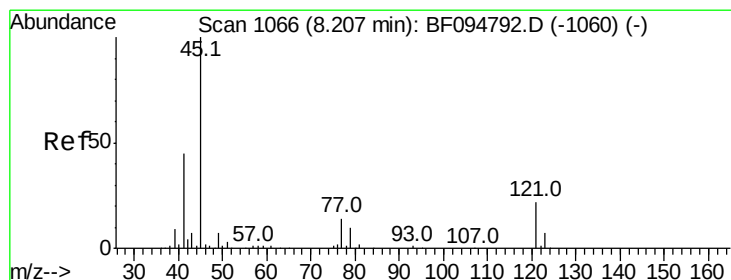
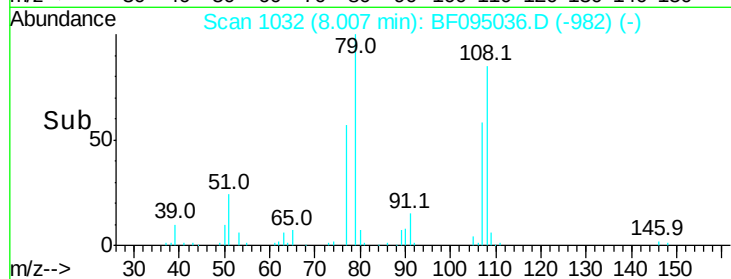
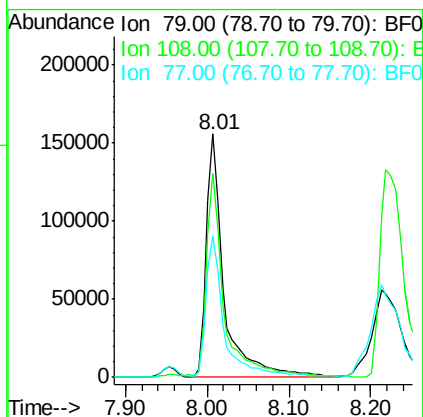
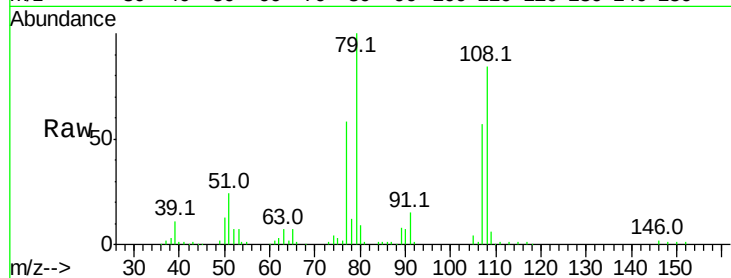




#15
Benzyl Alcohol
Concen: 53.99 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

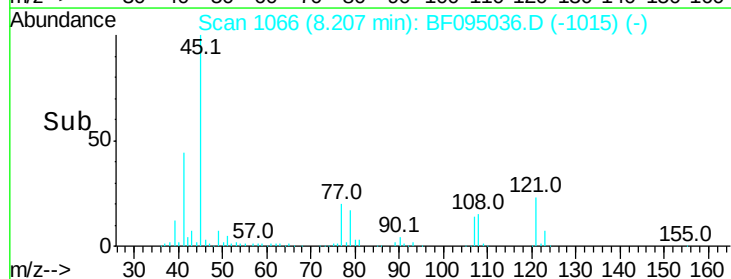
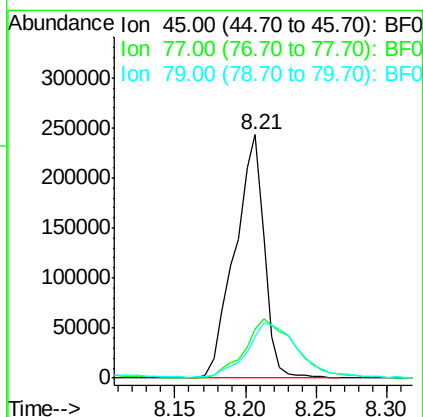
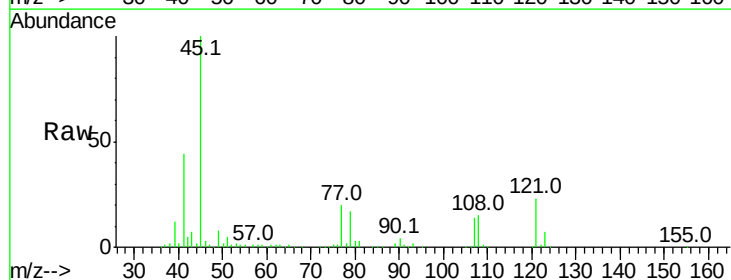
Instrument :
BNA_F
ClientSampleId :

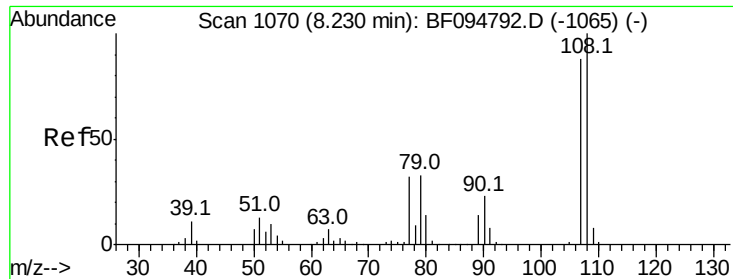
Tot Ion: 79 Resp: 236335
Ion Ratio Lower Upper
79 100
108 83.7 63.4 95.0
77 58.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.18 ng
RT: 8.21 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion: 45 Resp: 353392
Ion Ratio Lower Upper
45 100
77 20.3 0.0 33.2
79 17.0 0.0 30.0

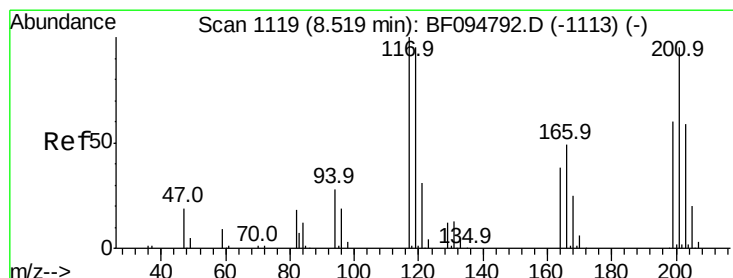
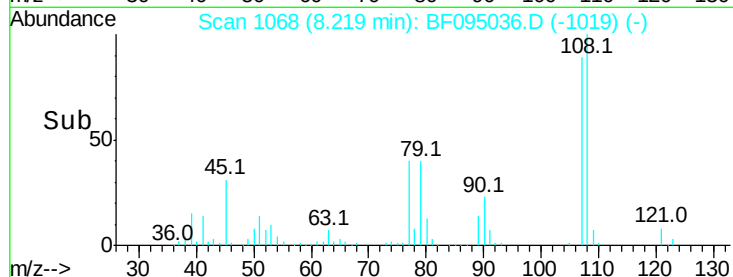
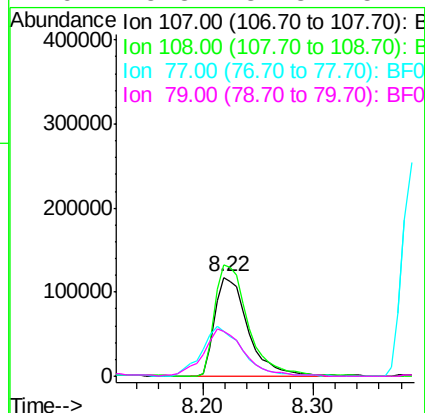
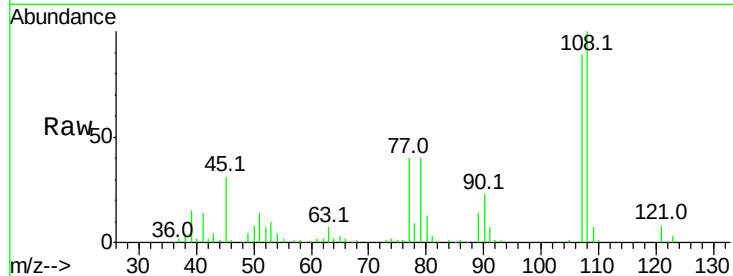




#17
 2-Methylphenol
 Concen: 46.17 ng
 RT: 8.22 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

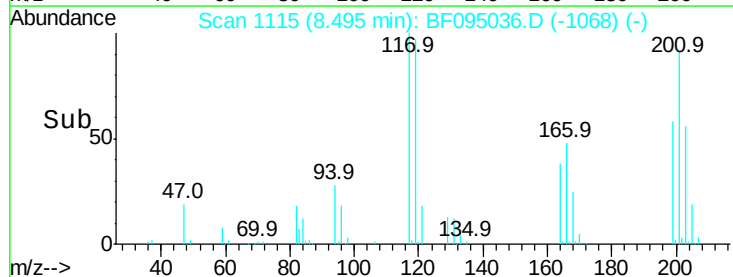
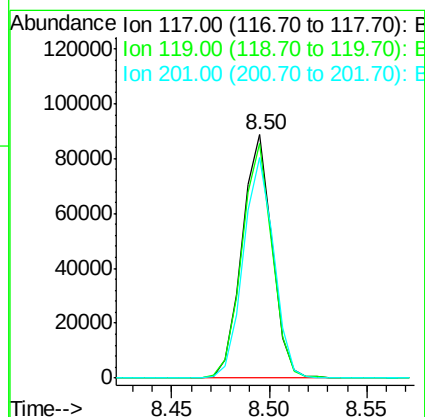
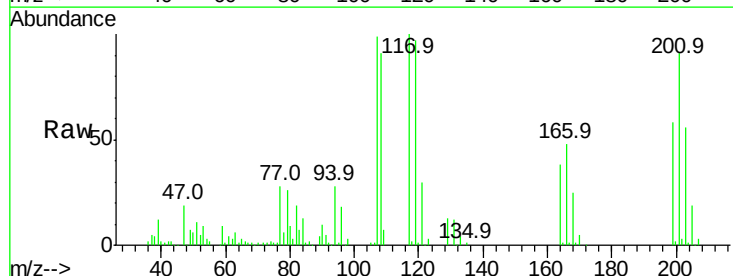
Instrument :
 BNA_F
 ClientSampleId :

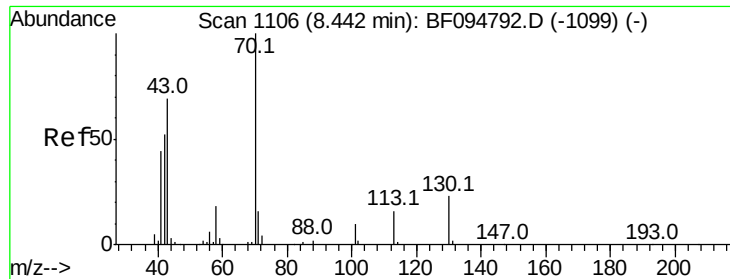
Tot Ion:	107	Resp:	243932
Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.4	140.0
77	44.9	35.8	53.6
79	45.3	34.8	52.2



#18
 Hexachloroethane
 Concen: 37.65 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion:	117	Resp:	94723
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	90.7	94.6	141.8#

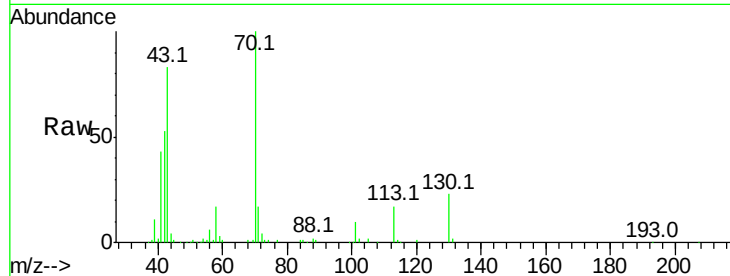




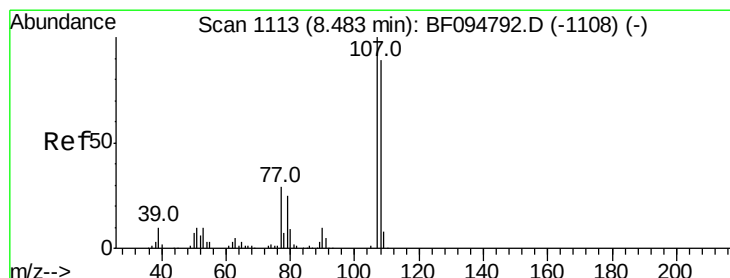
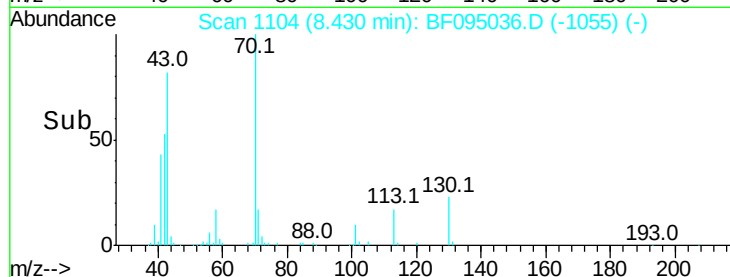
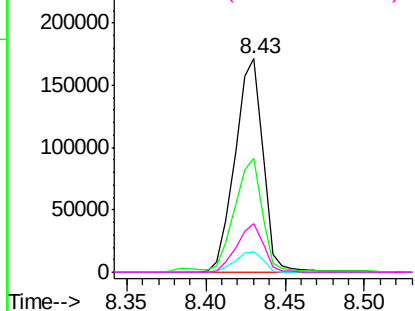
#19
n-Nitroso-di-n-propylamine
Concen: 45.60 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 209869
Ion Ratio Lower Upper
70 100
42 53.2 47.2 70.8
101 9.8 7.2 10.8
130 23.0 15.9 23.9

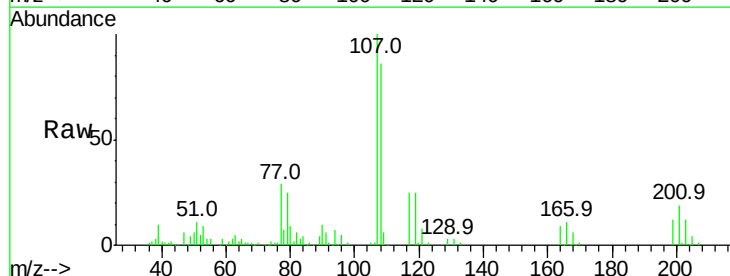


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

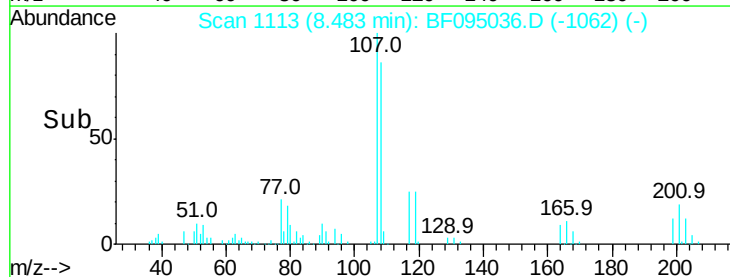
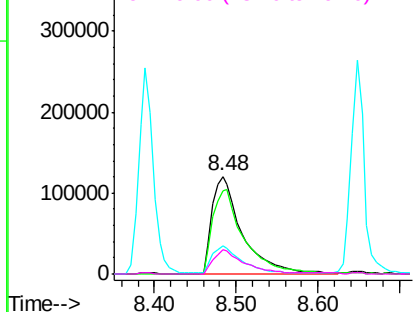


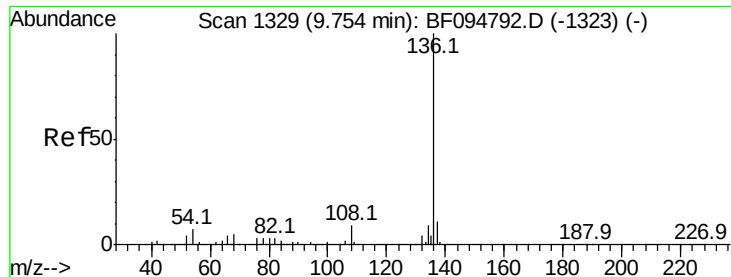
#20
3+4-Methylphenols
Concen: 43.29 ng
RT: 8.48 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion:107 Resp: 310746
Ion Ratio Lower Upper
107 100
108 85.7 71.0 111.0
77 28.7 90.5 130.5#
79 24.5 8.4 48.4



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

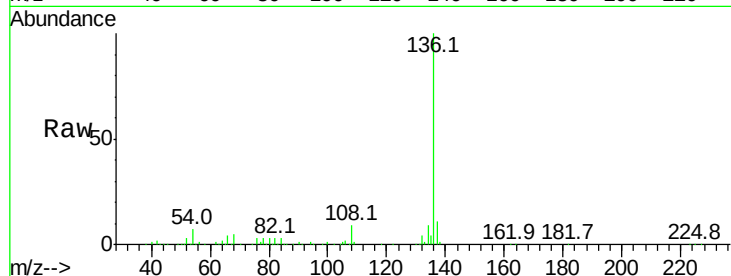




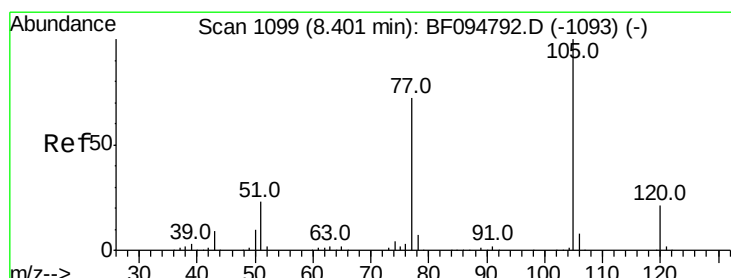
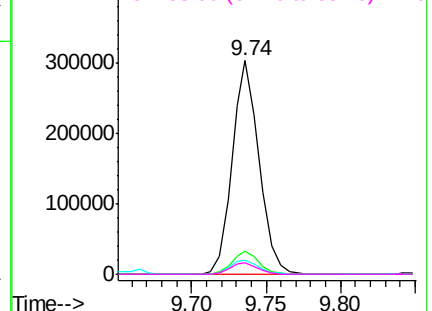
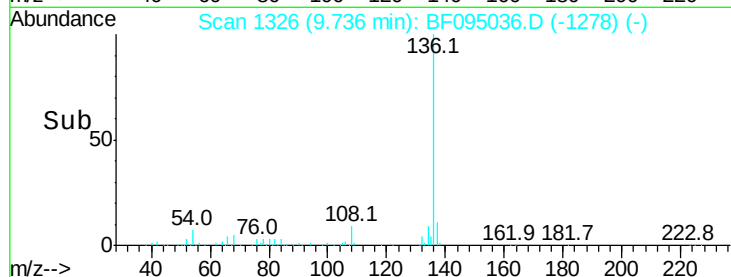
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	380912
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	6.7	4.9 7.3
68	5.1	4.1 6.1

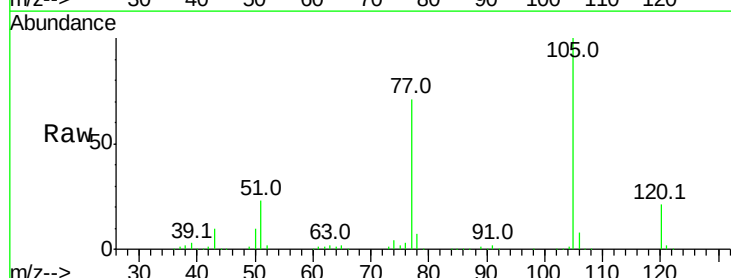


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

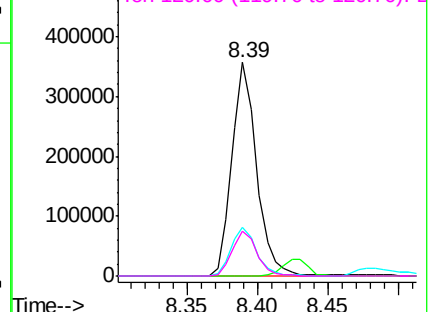
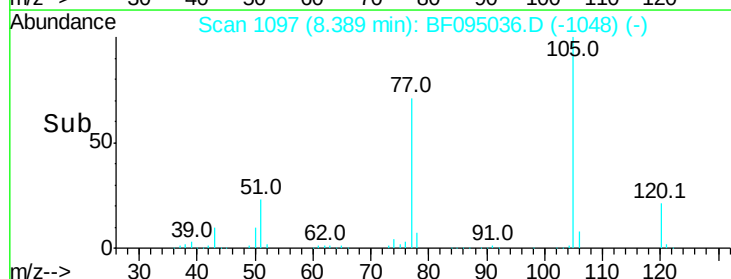


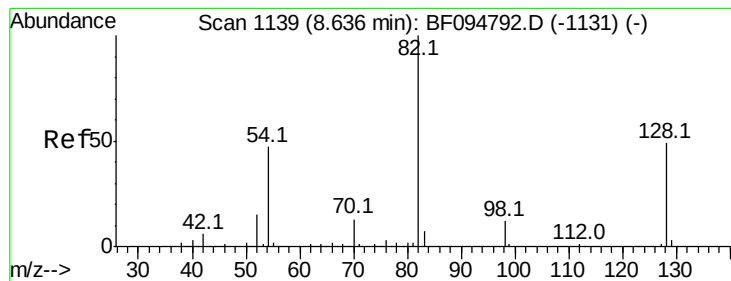
#22
Acetophenone
Concen: 47.82 ng
RT: 8.39 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion:105	Resp:	437048
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	23.0	30.7 46.1#
120	21.2	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: 92.50 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

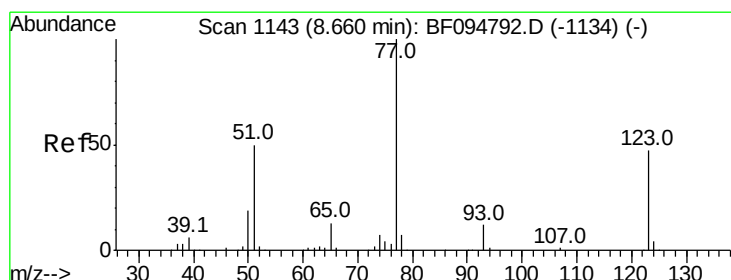
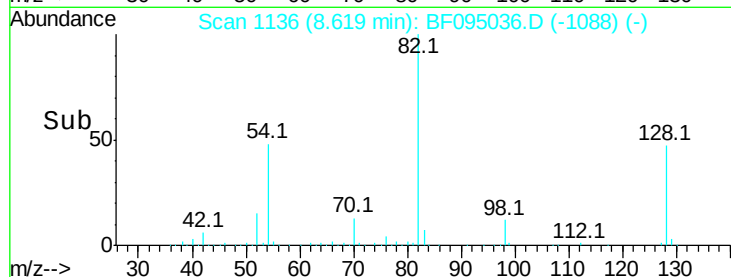
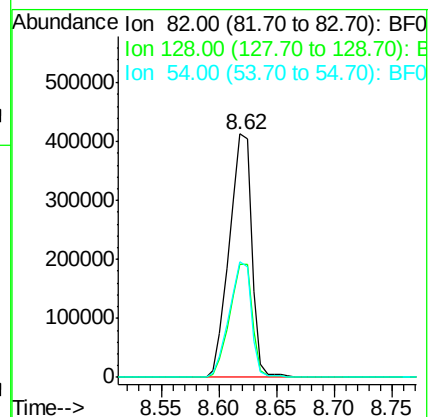
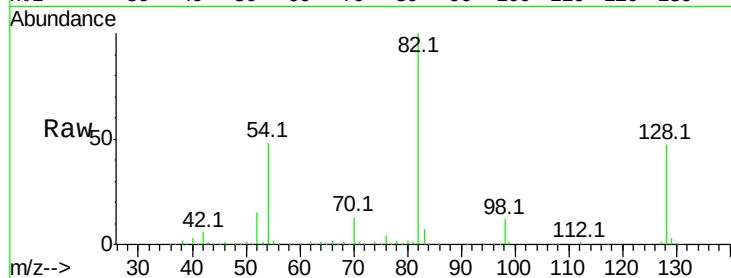
Tot Ion: 82 Resp: 558732

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

54 47.6 42.2 63.2



#24

Nitrobenzene

Concen: 46.47 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

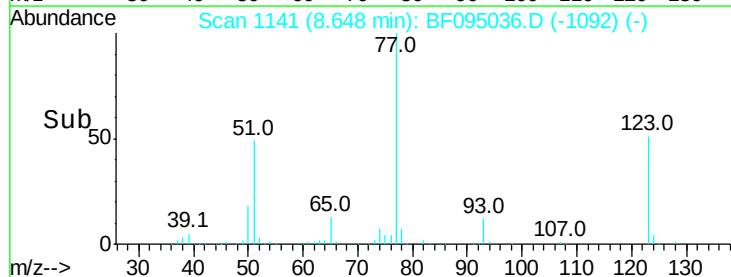
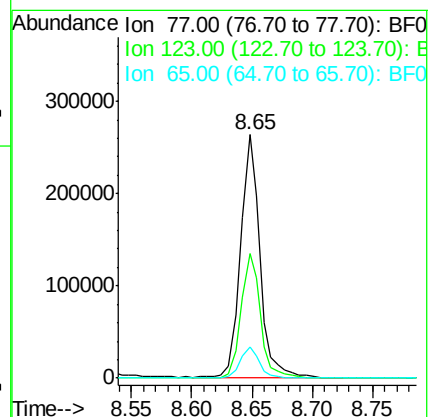
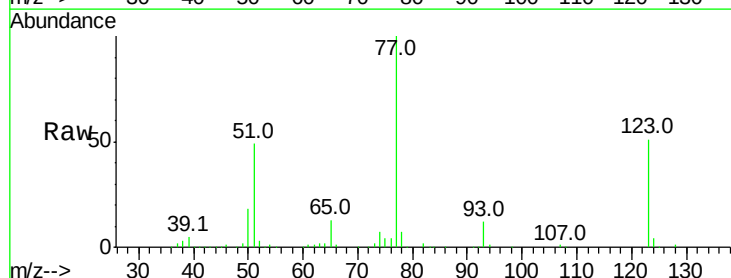
Tgt Ion: 77 Resp: 294254

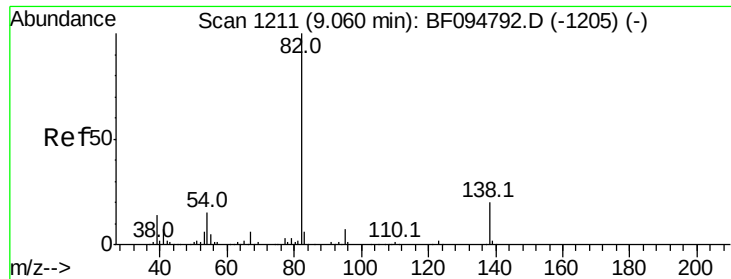
Ion Ratio Lower Upper

77 100

123 51.2 35.8 53.8

65 12.7 10.6 15.8

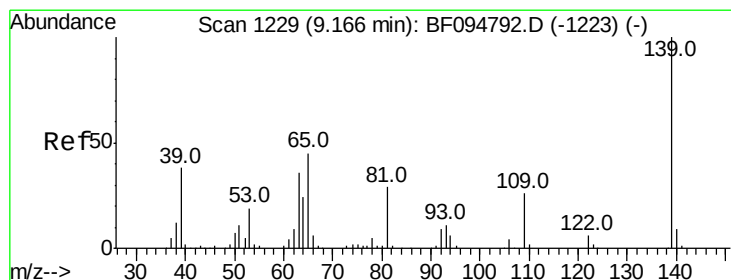
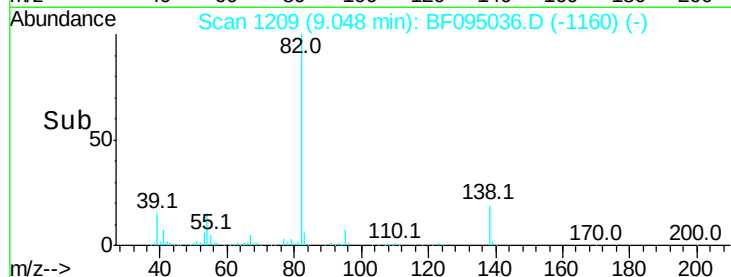
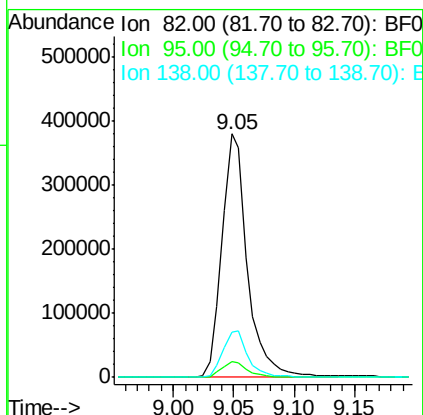
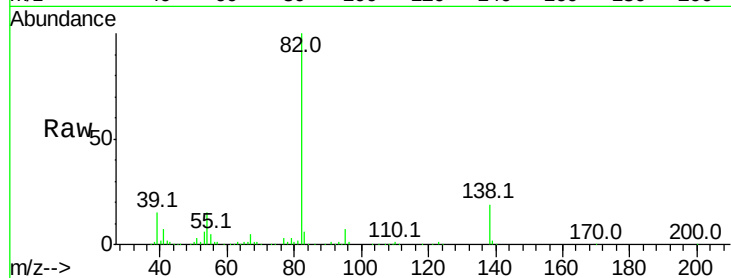




#25
Isophorone
Concen: 51.44 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

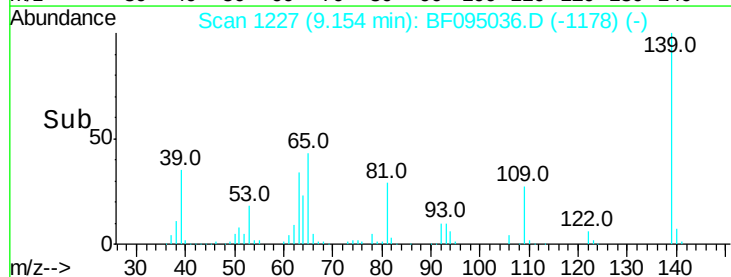
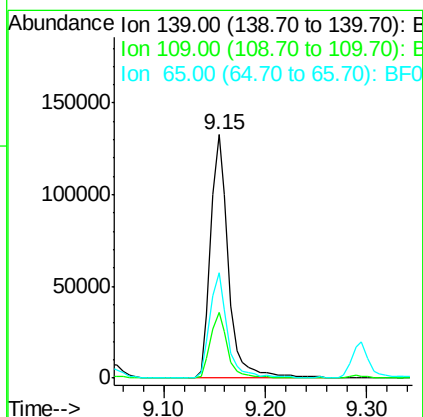
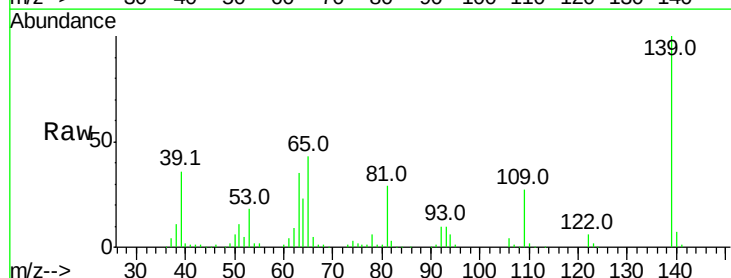
Instrument :
BNA_F
ClientSampled :

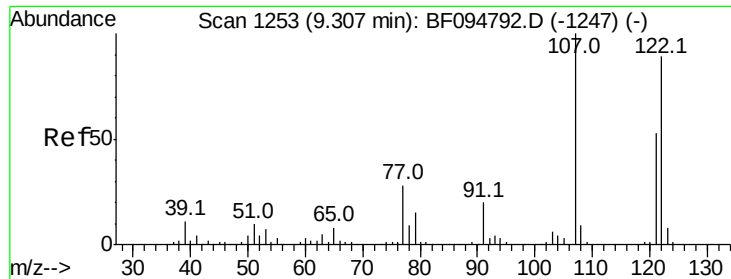
Tot Ion: 82 Resp: 554888
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 18.8 13.1 19.7



#26
2-Nitrophenol
Concen: 47.76 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion:139 Resp: 163180
Ion Ratio Lower Upper
139 100
109 27.1 21.0 31.6
65 43.4 33.0 49.6

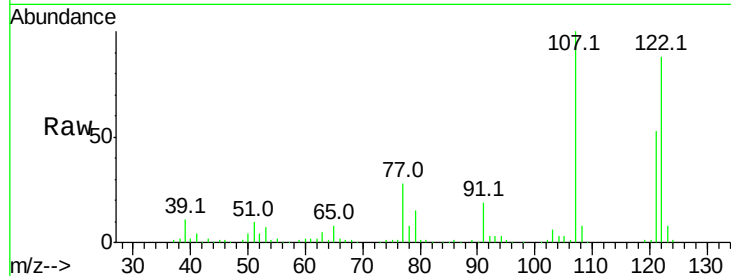




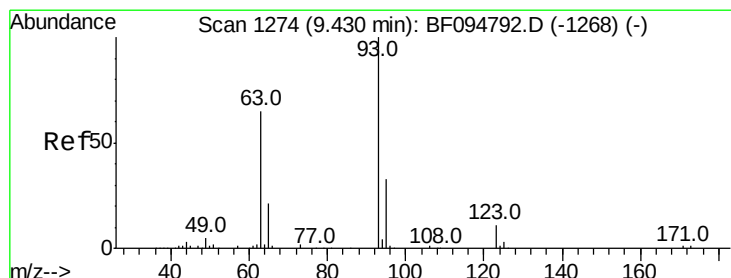
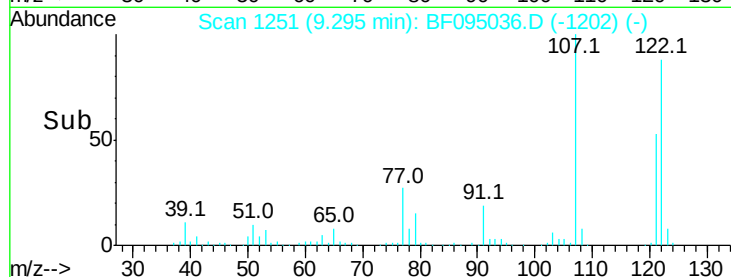
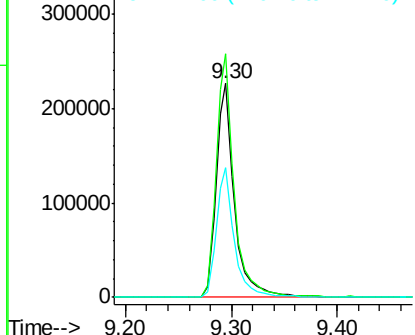
#27
 2,4-Dimethylphenol
 Concen: 50.19 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 277212
 Ion Ratio Lower Upper
 122 100
 107 114.0 89.2 133.8
 121 60.9 45.2 67.8

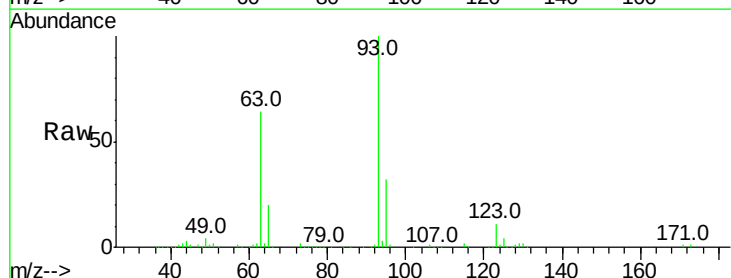


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

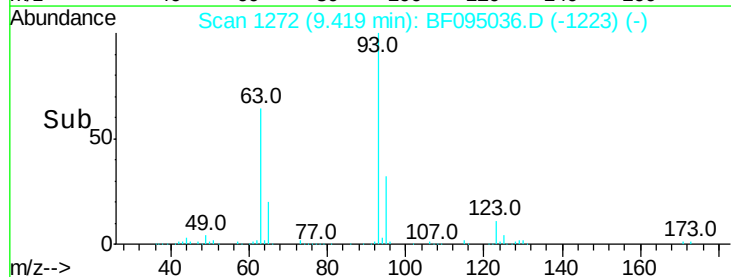
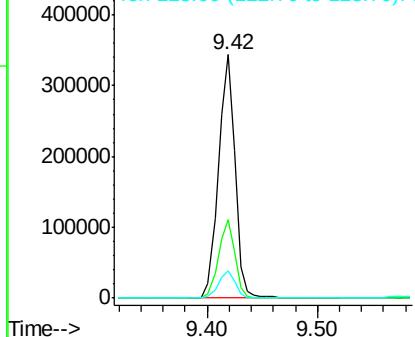


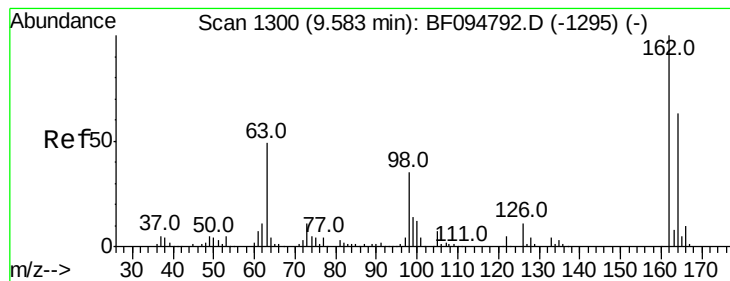
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.14 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion: 93 Resp: 359219
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 11.0 9.0 13.4



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





#29

2,4-Dichlorophenol

Concen: 49.20 ng

RT: 9.58 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampled :

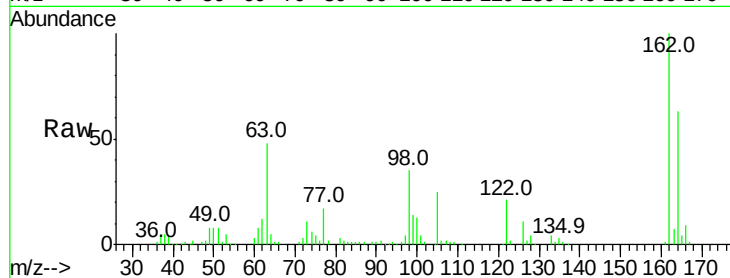
Tot Ion:162 Resp: 256626

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

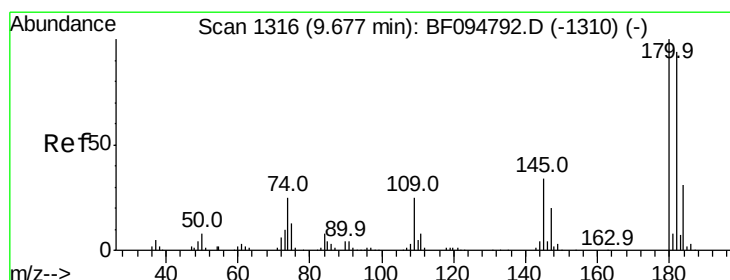
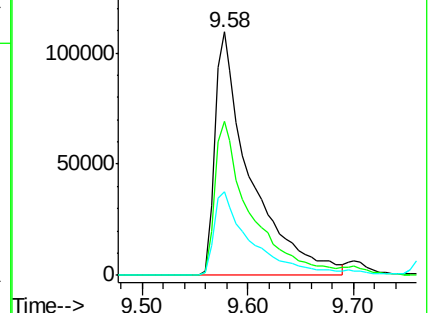
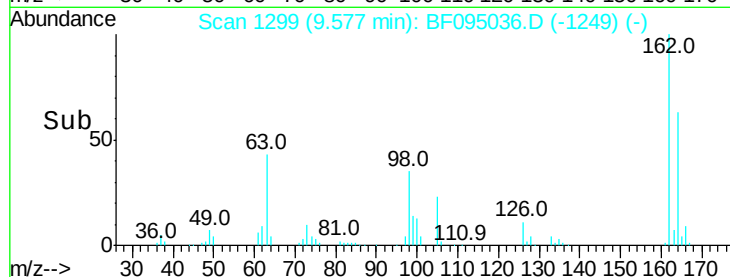
98 34.6 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 43.75 ng

RT: 9.66 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

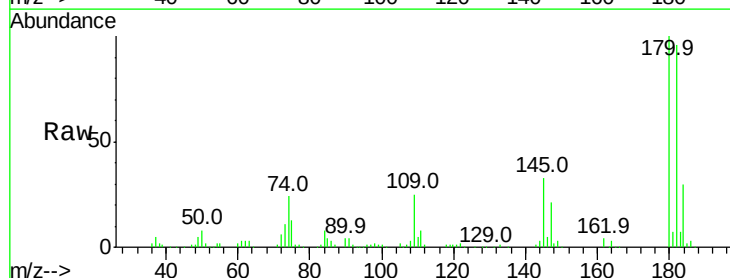
Tgt Ion:180 Resp: 244449

Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.6

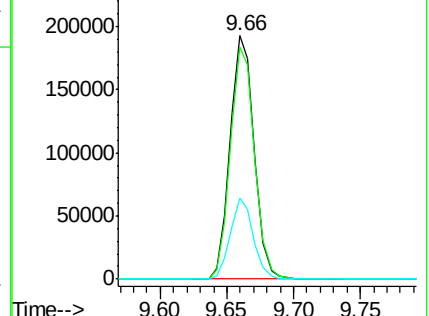
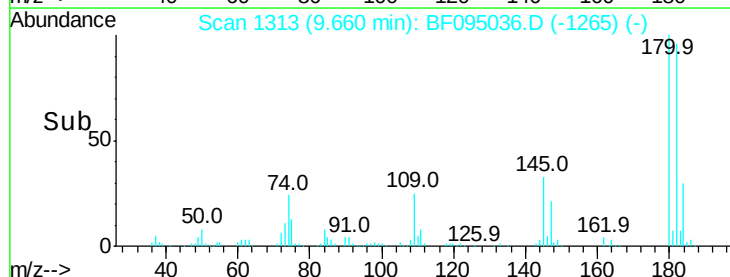
145 33.2 25.3 37.9

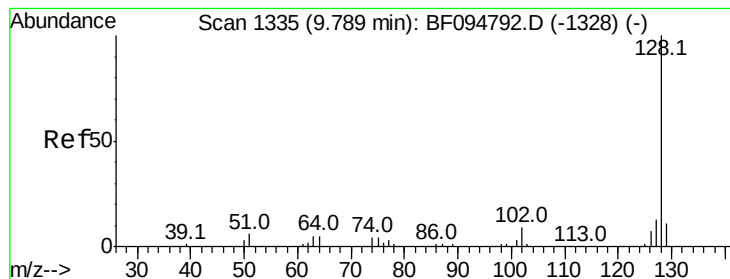


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 138.56 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

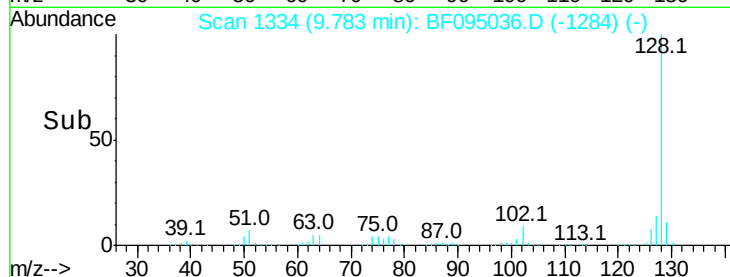
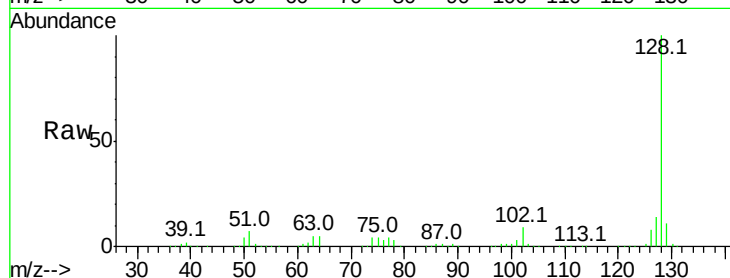
Instrument :

BNA_F

ClientSampled :

Tot Ion:128 Resp: 2652587

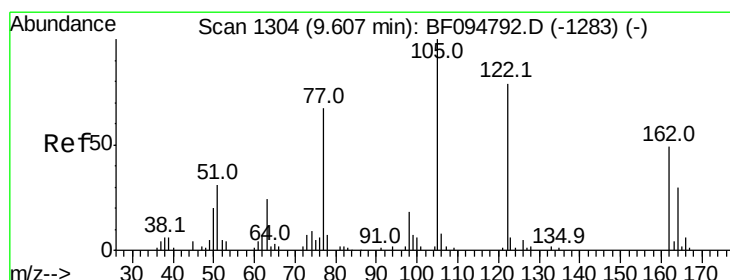
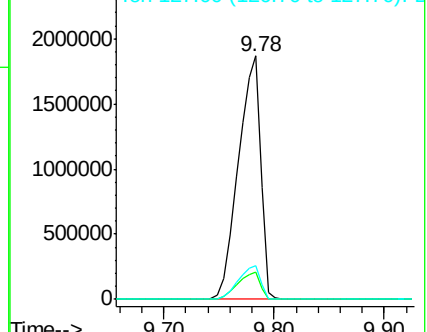
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	14.1	10.8	16.2



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: 46.16 ng

RT: 9.63 min Scan# 1308

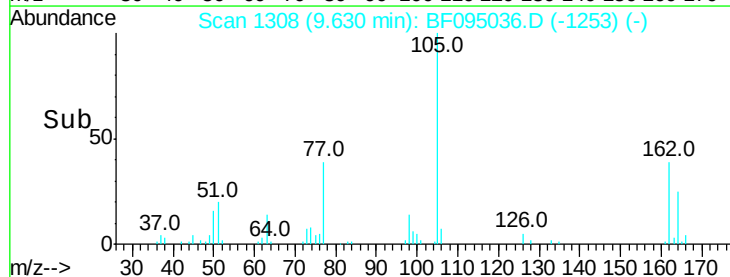
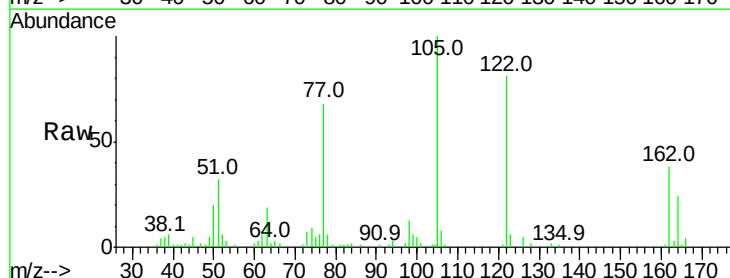
Delta R.T. 0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion:122 Resp: 166639

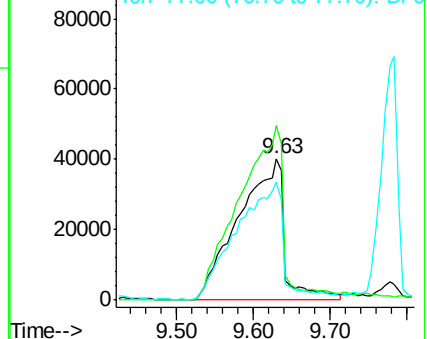
Ion	Ratio	Lower	Upper
122	100		
105	122.8	103.3	143.3
77	83.7	73.7	113.7

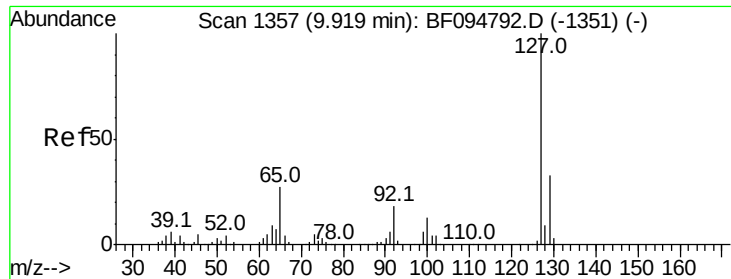


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

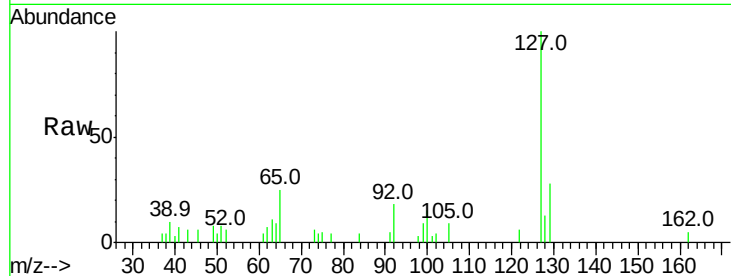




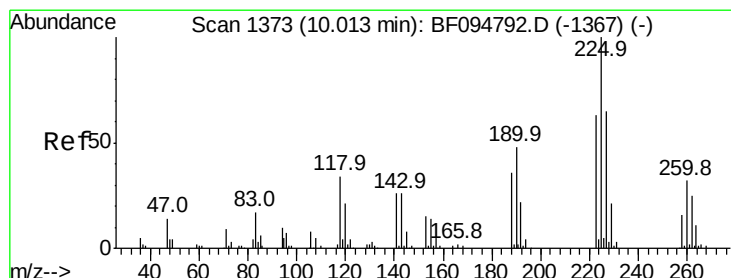
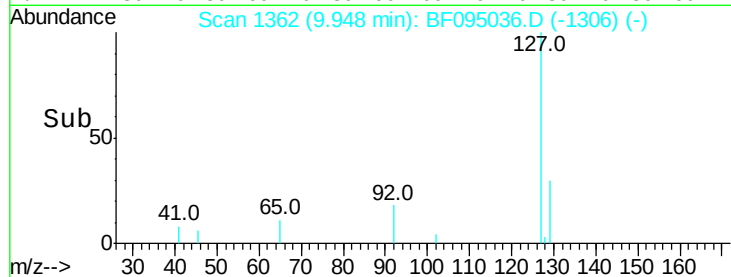
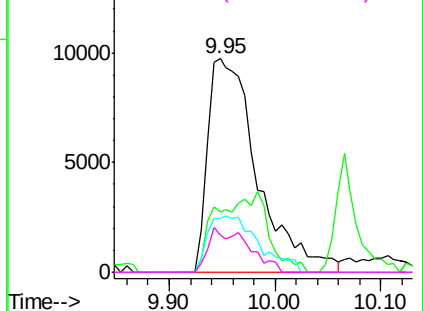
#33
4-Chloroaniline
Concen: 4.47 ng
RT: 9.95 min Scan# 1362
Delta R.T. 0.03 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	31905
Ion	Ratio	Lower	Upper
127	100		
129	28.5	26.2	39.2
65	25.2	27.8	41.8#
92	17.6	16.8	25.2

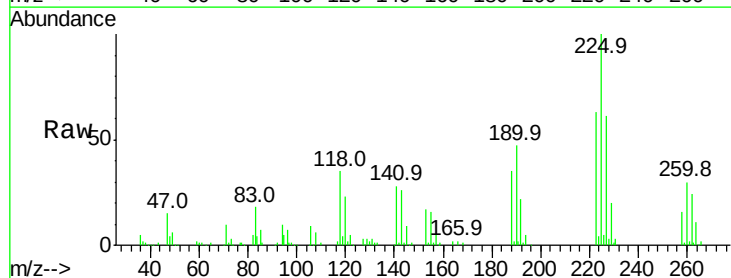


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

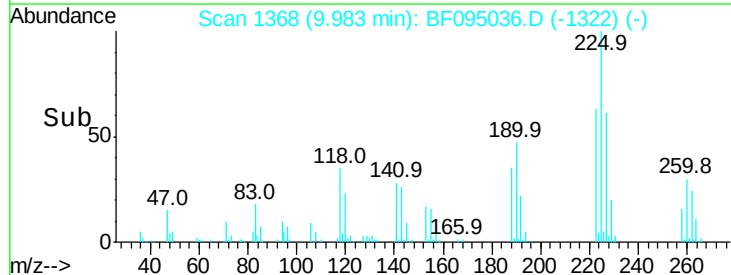
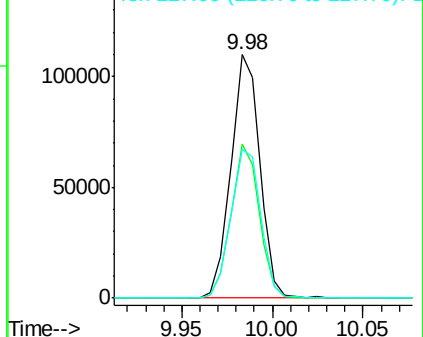


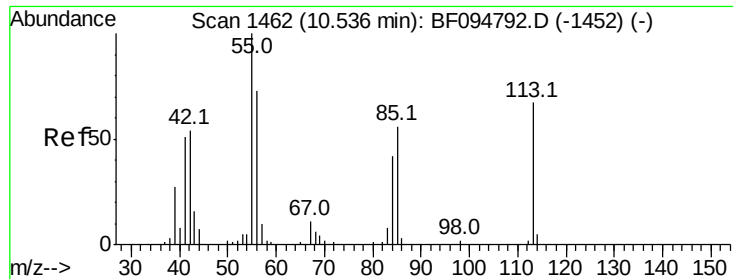
#34
Hexachlorobutadiene
Concen: 41.33 ng
RT: 9.98 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion:	225	Resp:	121858
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	61.1	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: 20.37 ng

RT: 10.56 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampled :

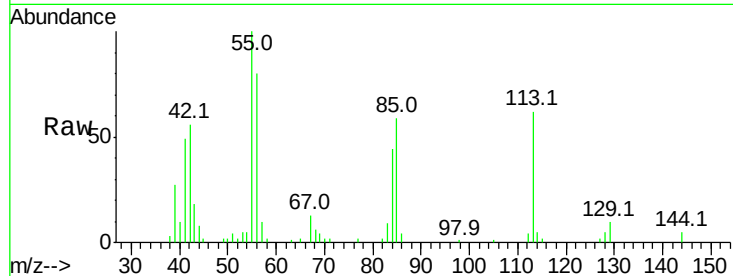
Tot Ion:113 Resp: 31906

Ion Ratio Lower Upper

113 100

55 160.5 150.2 190.2

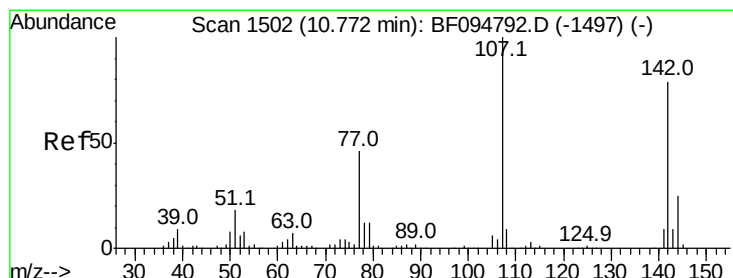
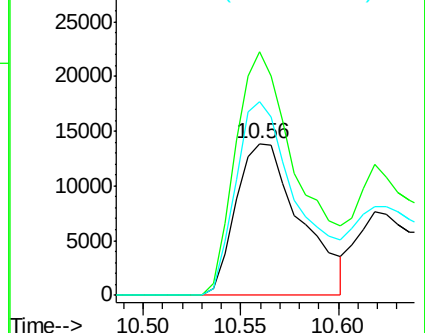
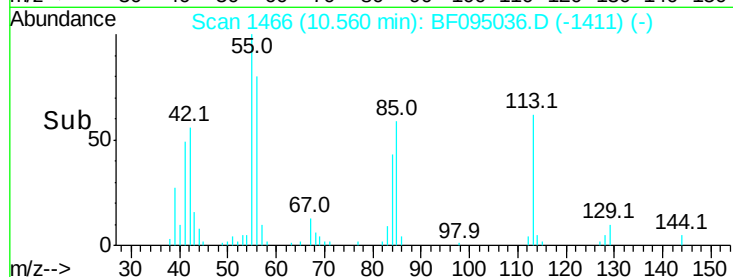
56 127.8 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.66 ng

RT: 10.77 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

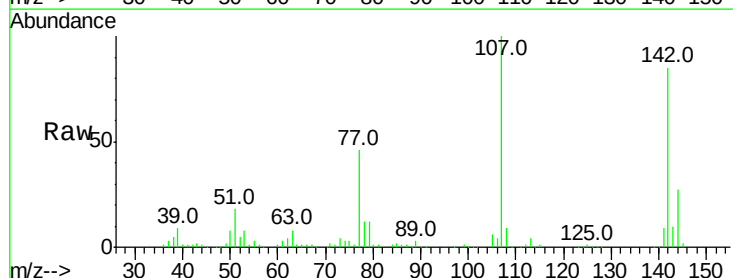
Tgt Ion:107 Resp: 276948

Ion Ratio Lower Upper

107 100

144 27.2 24.2 36.4

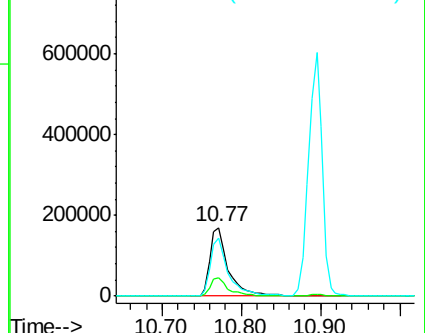
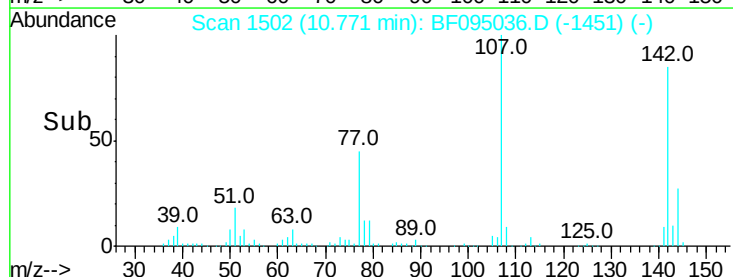
142 84.6 73.4 110.0

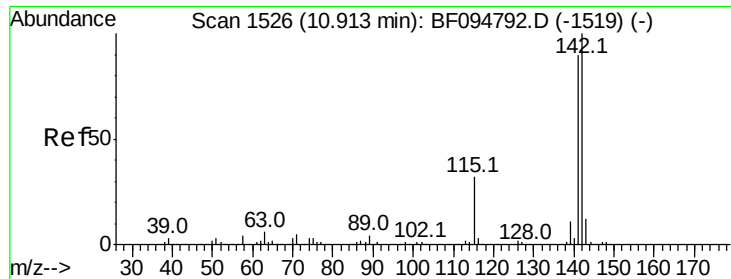


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

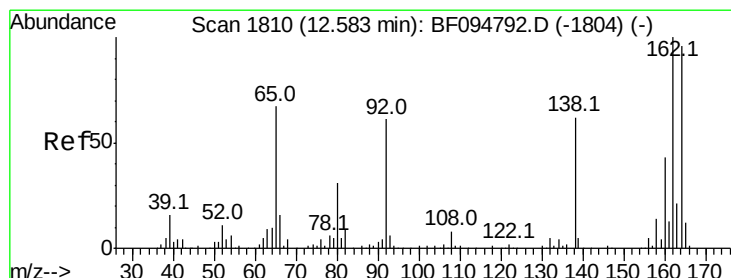
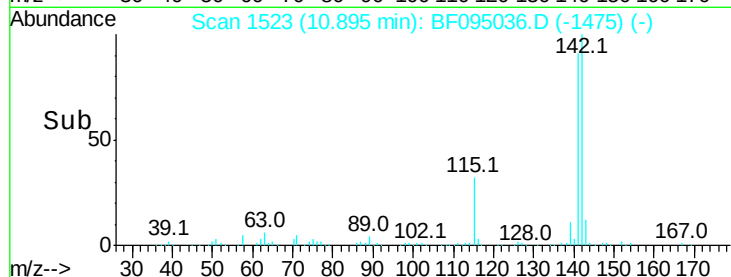
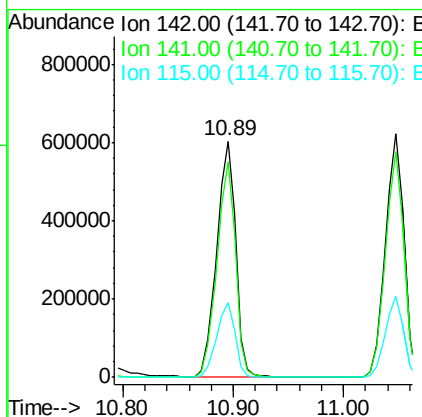
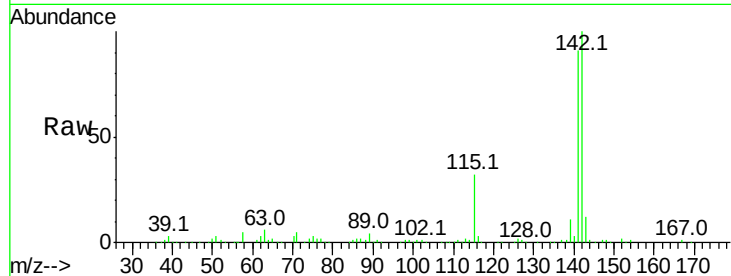




#37
2-Methylnaphthalene
Concen: 57.38 ng
RT: 10.89 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

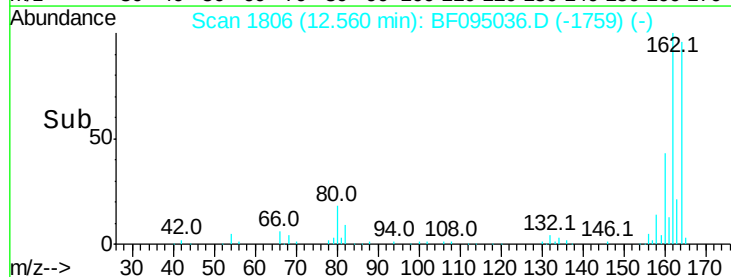
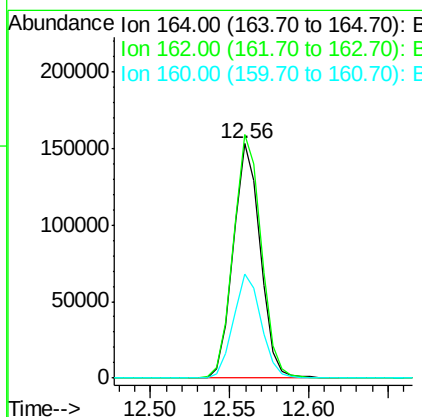
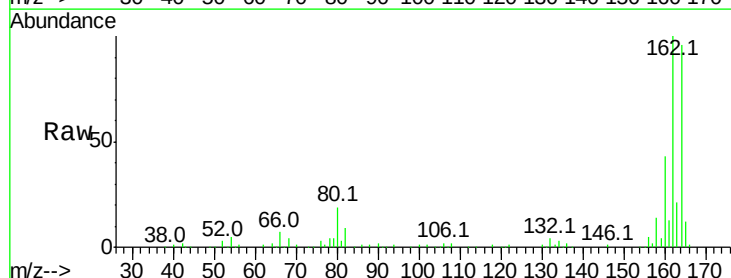
Instrument :
BNA_F
ClientSampleId :

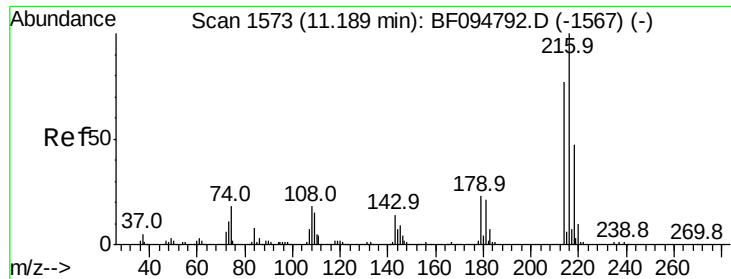
Tot Ion:142 Resp: 720977
Ion Ratio Lower Upper
142 100
141 91.1 71.3 106.9
115 31.8 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion:164 Resp: 180251
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 44.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.84 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 237483

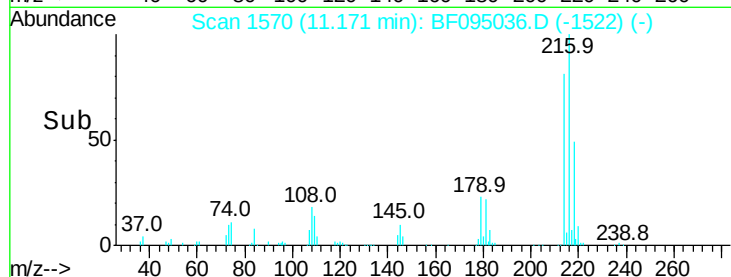
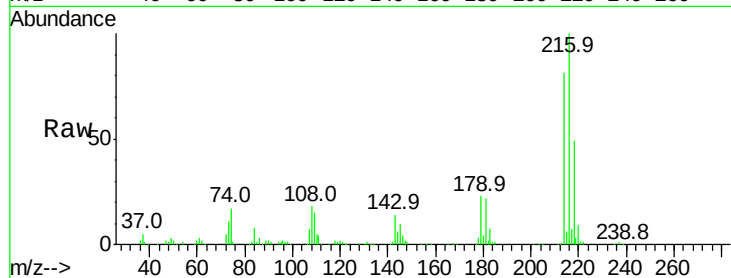
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 22.4 17.9 26.9

108 20.8 16.5 24.7

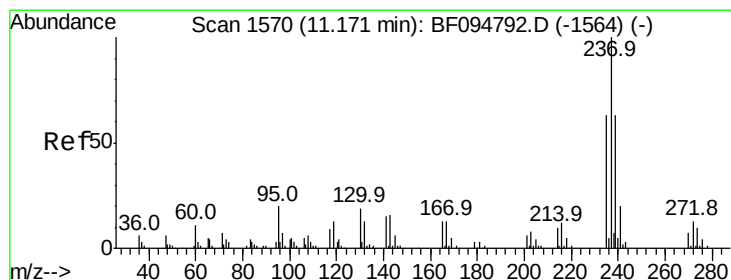
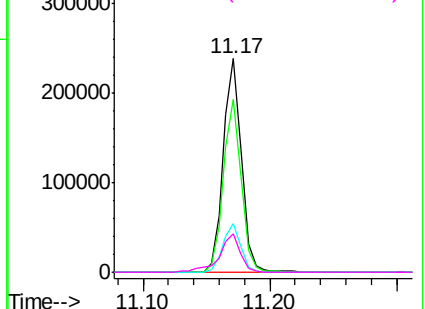


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.48 ng

RT: 11.15 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

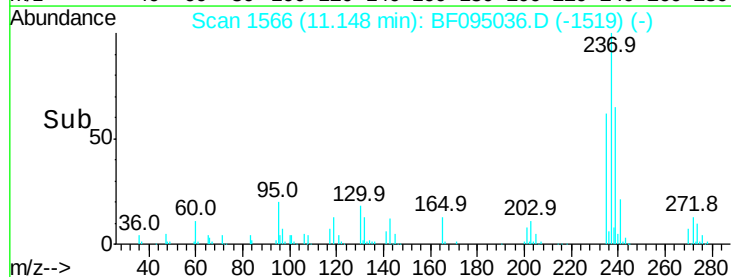
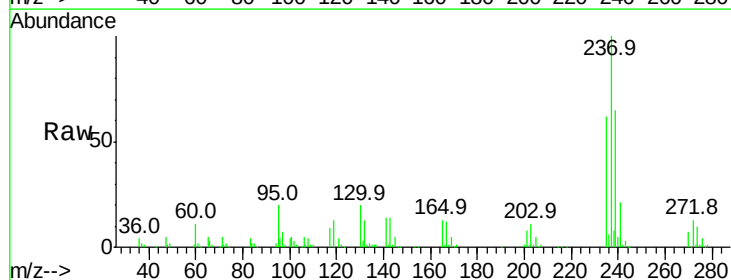
Tgt Ion:237 Resp: 190148

Ion Ratio Lower Upper

237 100

235 62.2 42.6 82.6

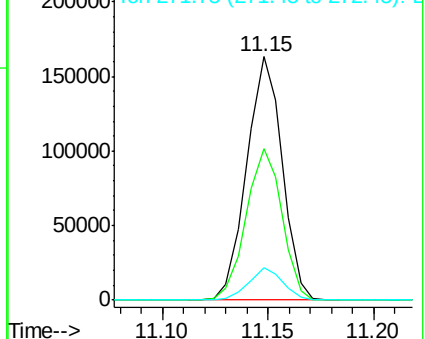
272 13.5 0.0 31.9

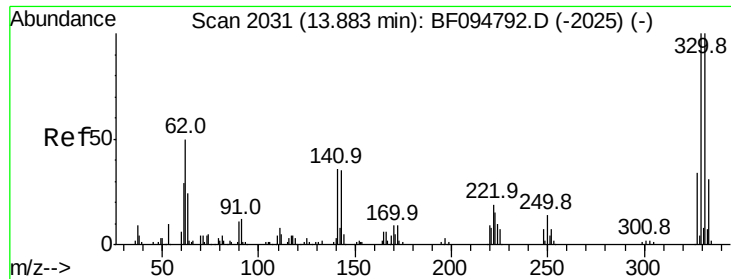


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

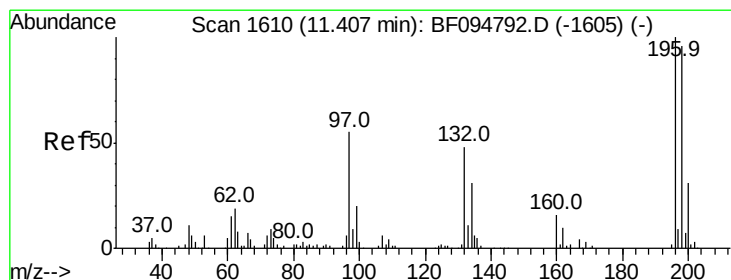
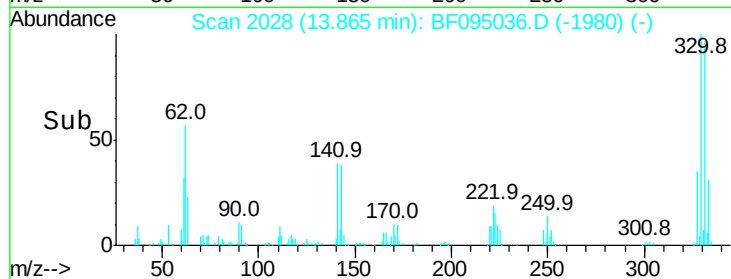
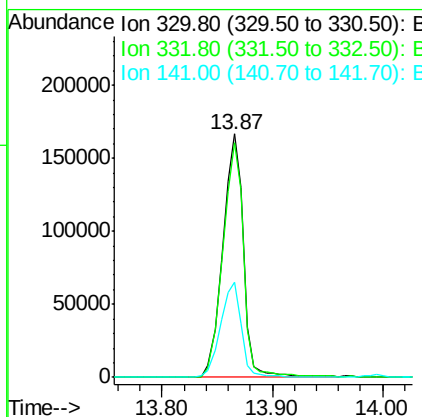
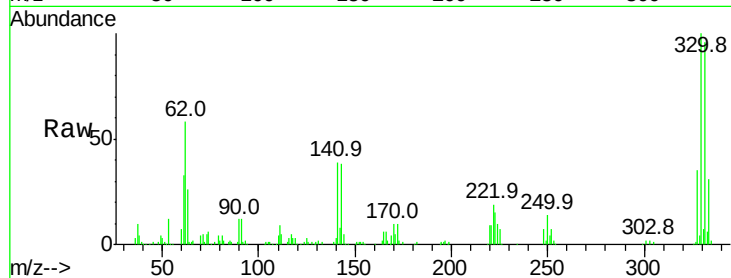




#41
 2,4,6-Tribromophenol
 Concen: 147.82 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

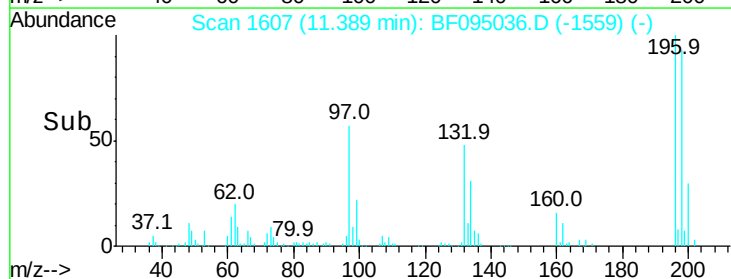
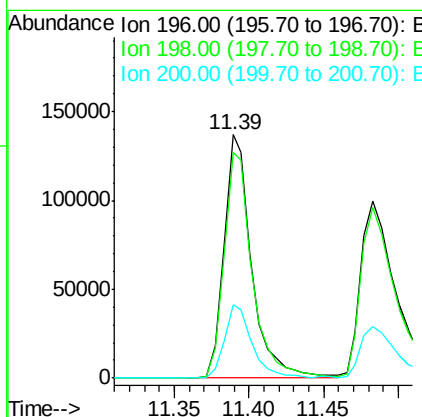
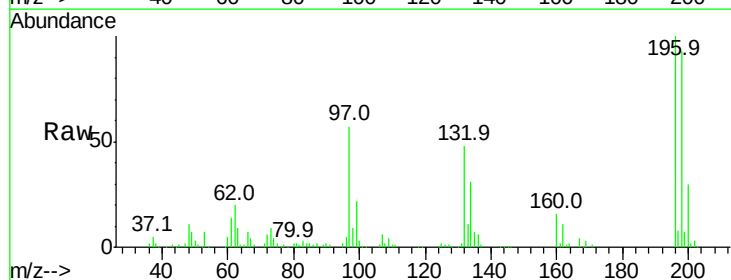
Instrument :
 BNA_F
 ClientSampled :

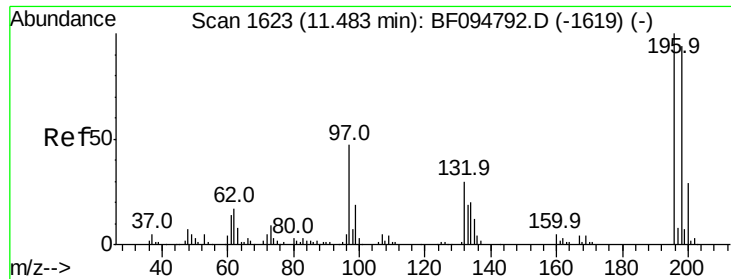
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	39.8	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 48.43 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	74.2	111.4
200	30.2	24.0	36.0

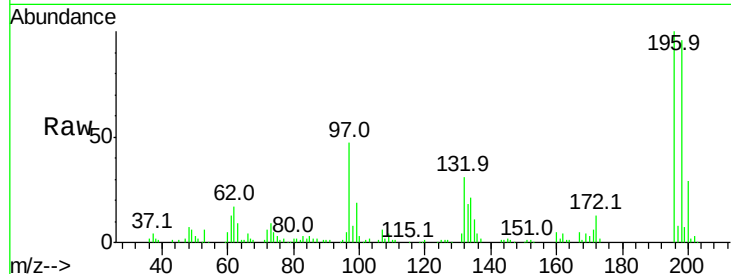




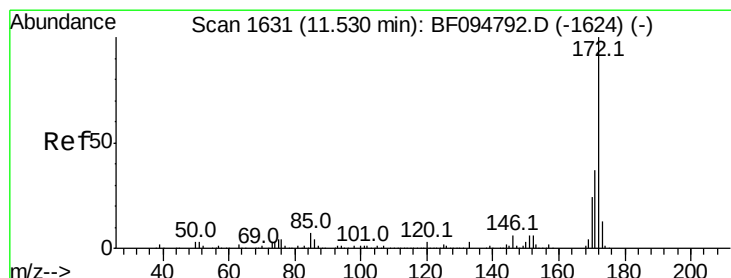
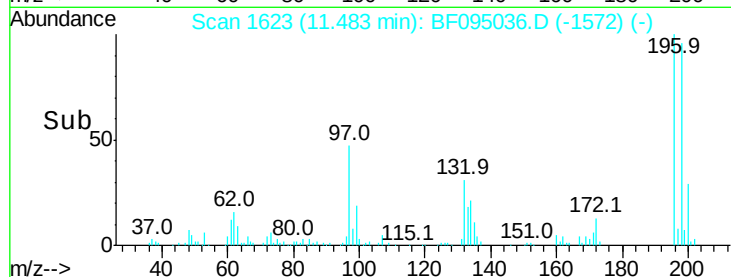
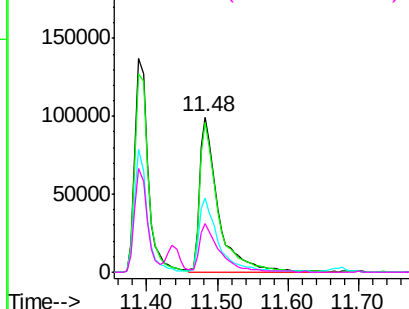
#43
 2,4,5-Trichlorophenol
 Concen: 46.25 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 183977
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 97 47.3 47.7 71.5#
 132 31.1 28.0 42.0

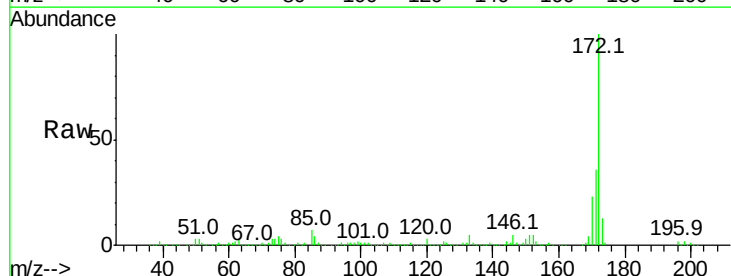


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

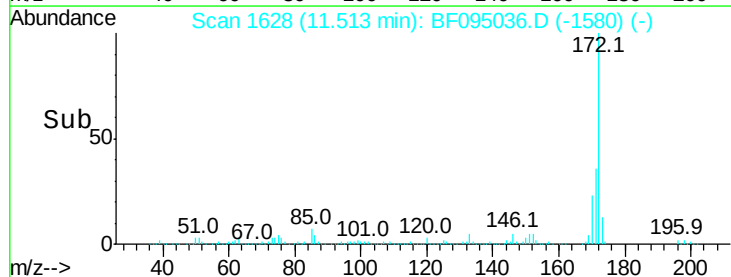
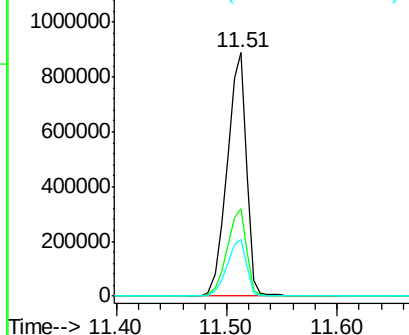


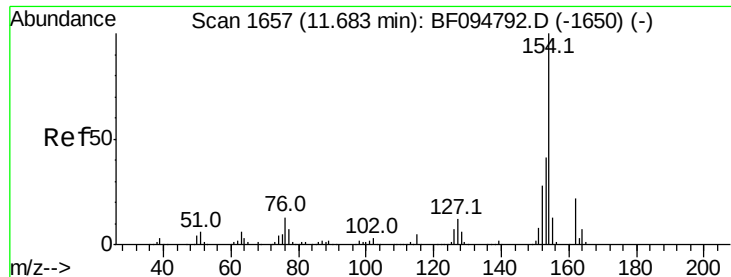
#44
 2-Fluorobiphenyl
 Concen: 86.99 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion:172 Resp: 1089352
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.5 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

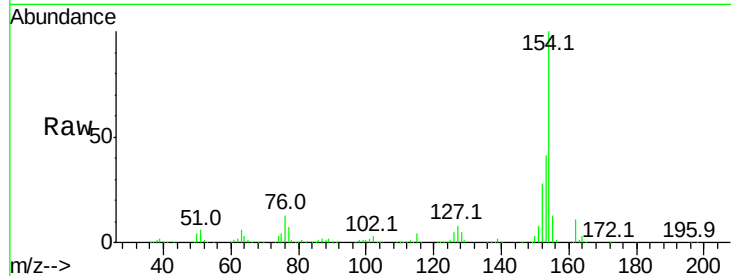




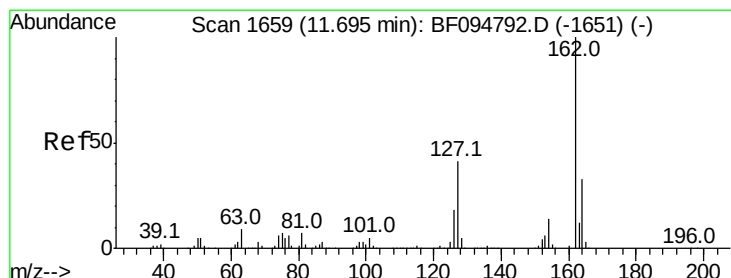
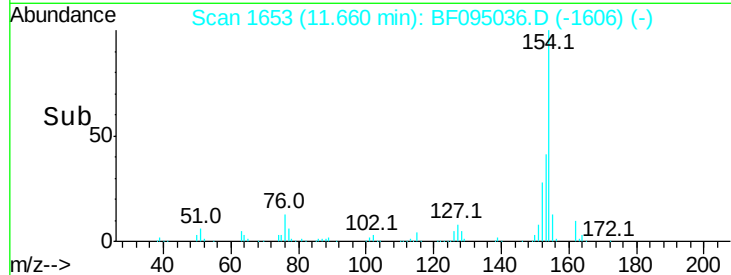
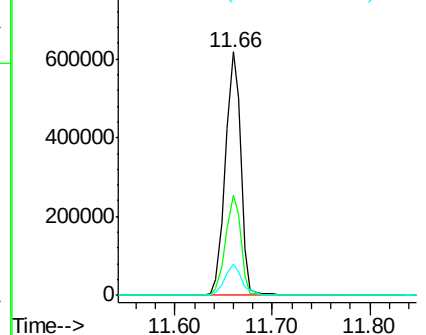
#45
 1,1'-Biphenyl
 Concen: 44.94 ng
 RT: 11.66 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	13.0	0.0	29.9

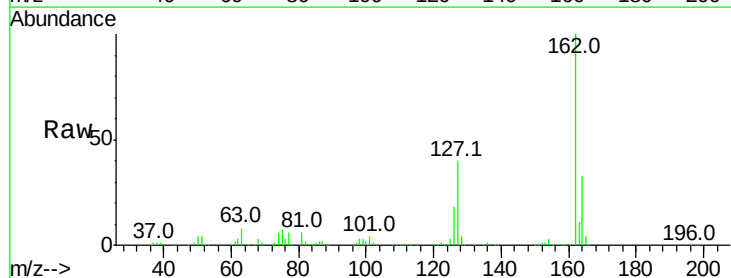


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

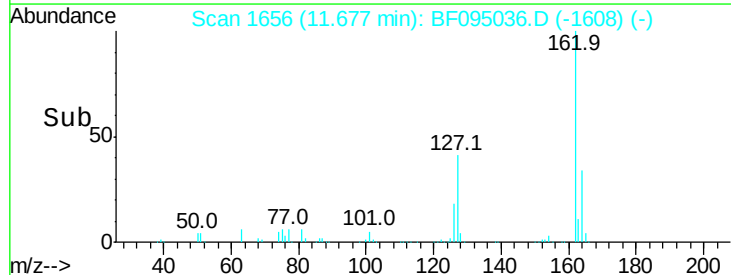
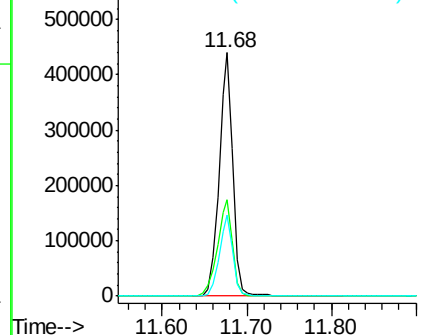


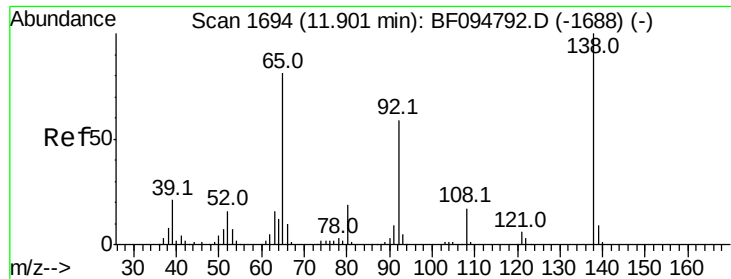
#46
 2-Chloronaphthalene
 Concen: 41.49 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	28.3	42.5
164	33.1	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: 45.34 ng

RT: 11.89 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

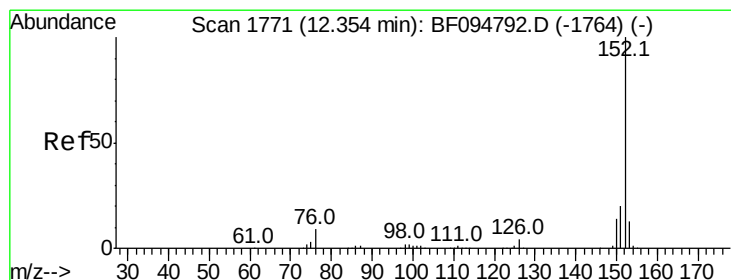
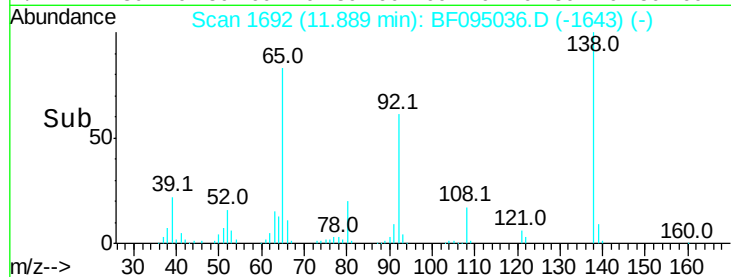
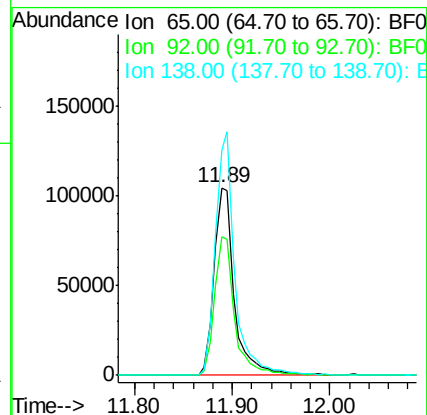
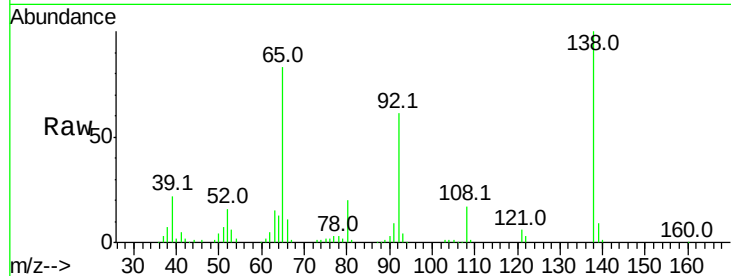
Tot Ion: 65 Resp: 152075

Ion Ratio Lower Upper

65 100

92 73.9 53.9 80.9

138 120.4 78.8 118.2#



#48

Acenaphthylene

Concen: 61.37 ng

RT: 12.34 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

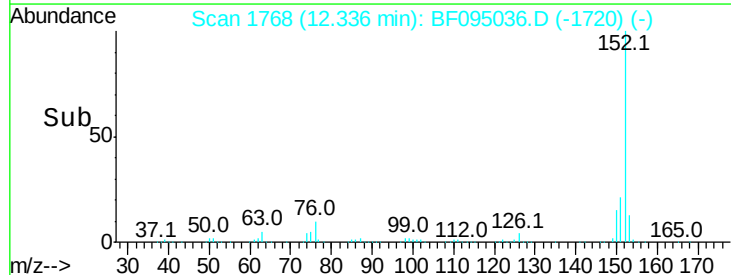
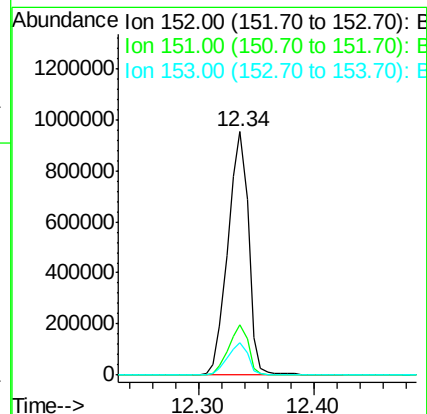
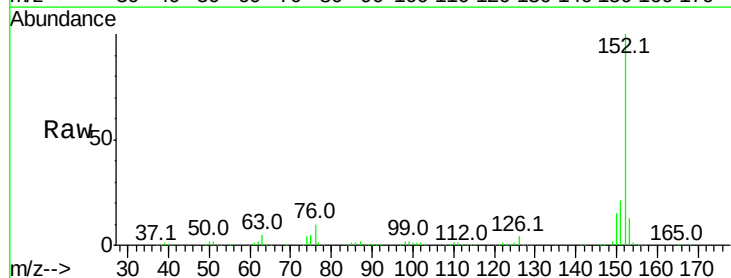
Tgt Ion: 152 Resp: 1177846

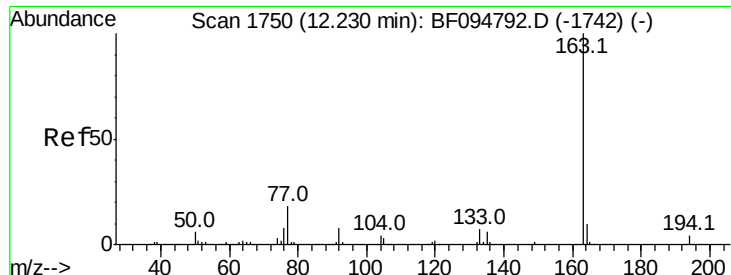
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 45.48 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

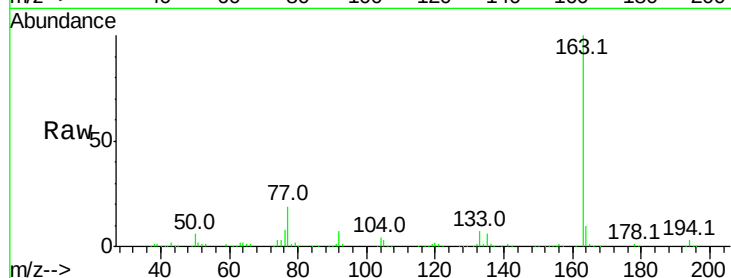
Tot Ion:163 Resp: 672997

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

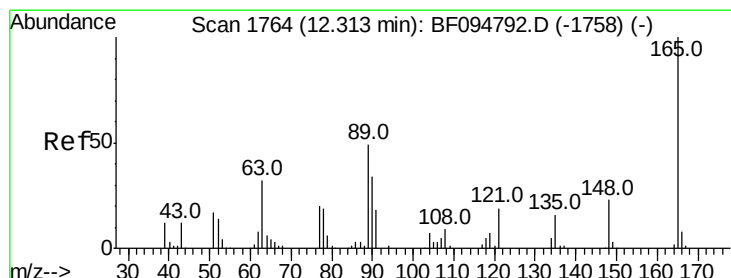
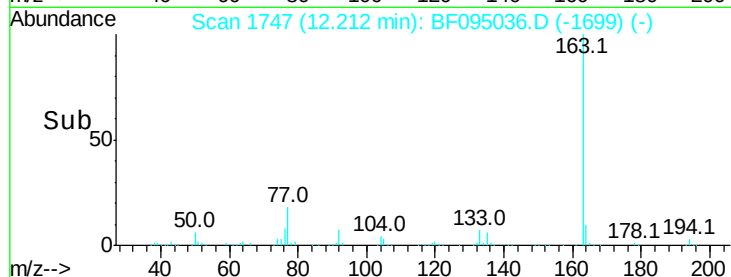
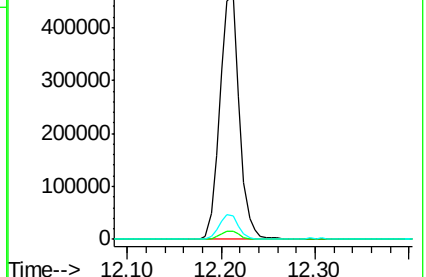
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.50 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

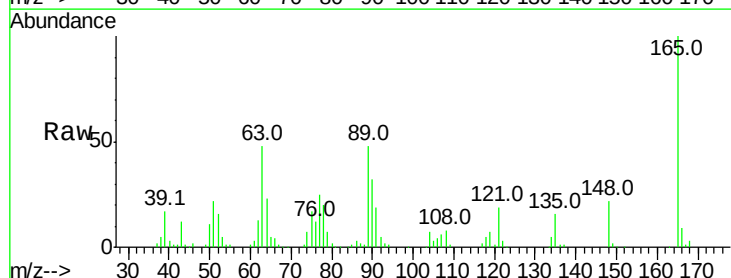
Tgt Ion:165 Resp: 149443

Ion Ratio Lower Upper

165 100

63 48.2 34.3 51.5

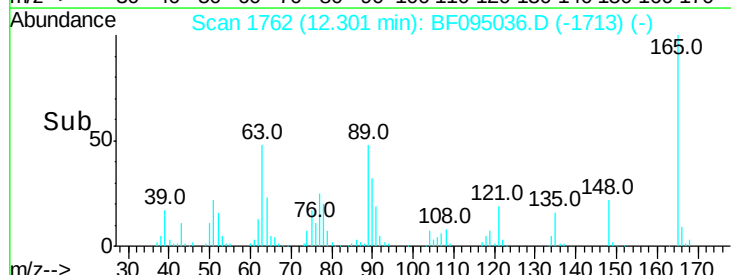
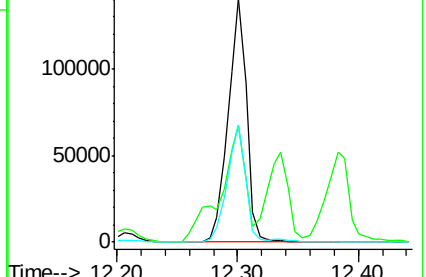
89 47.9 37.1 55.7

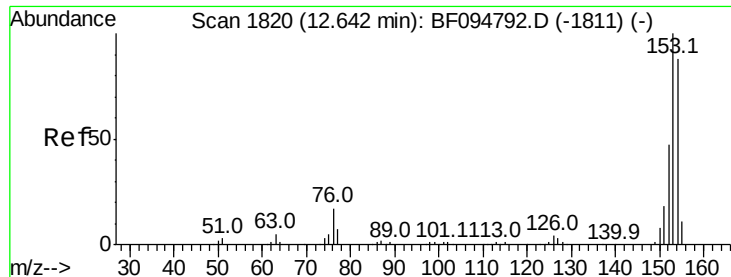


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.98 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

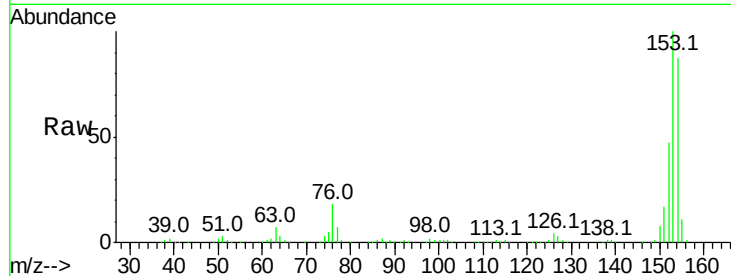
Tot Ion:154 Resp: 550017

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

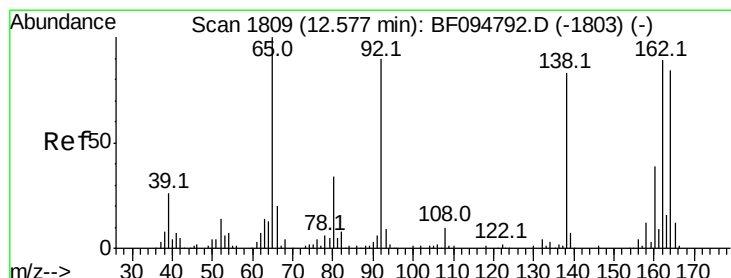
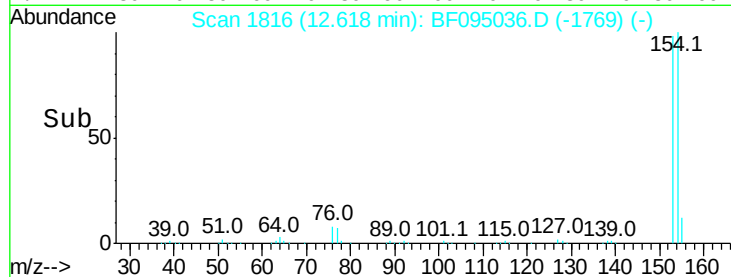
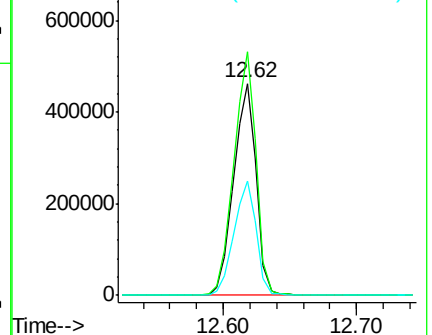
152 53.8 43.6 65.4



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: 13.00 ng

RT: 12.58 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

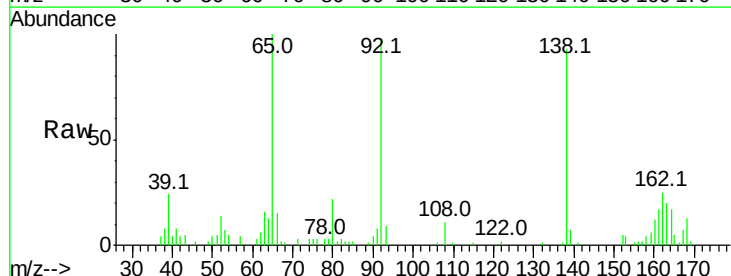
Tgt Ion:138 Resp: 42118

Ion Ratio Lower Upper

138 100

108 12.4 9.1 13.7

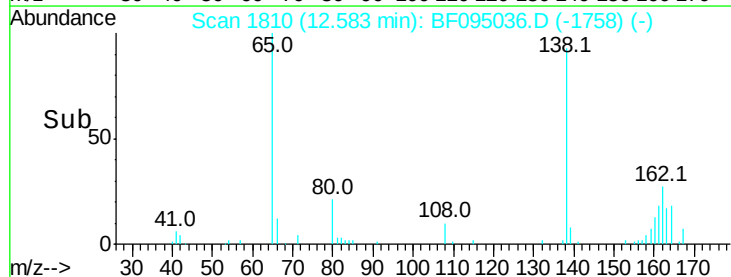
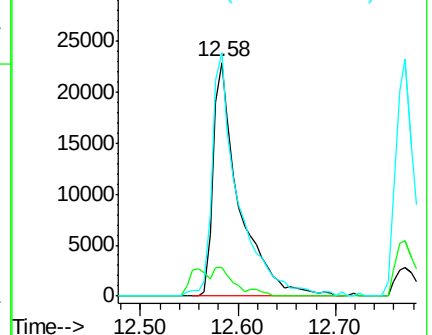
92 104.3 93.8 140.6

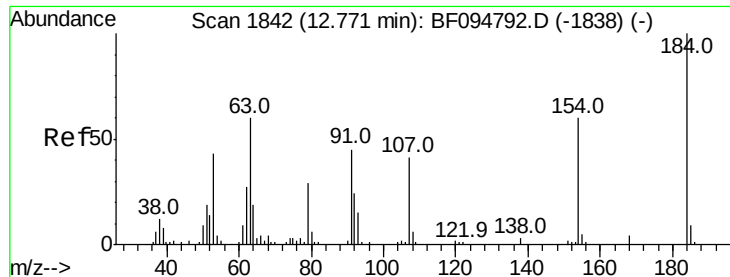


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

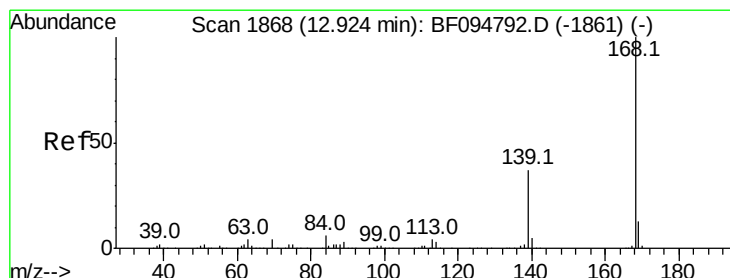
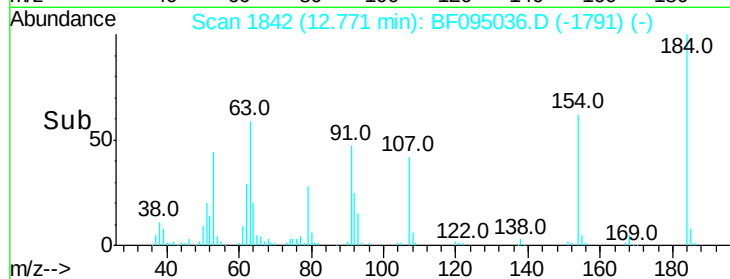
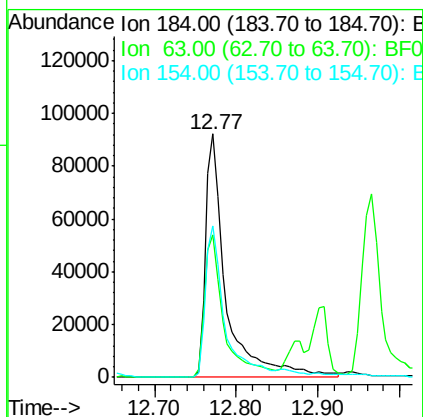
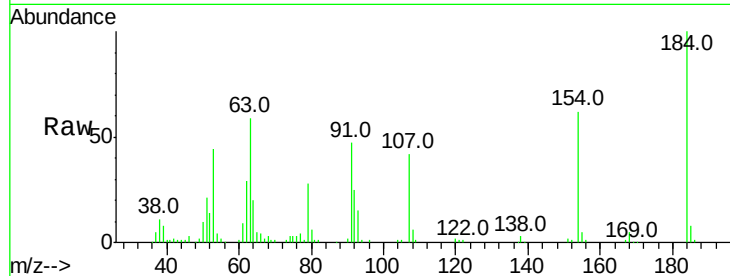




#53
 2,4-Dinitrophenol
 Concen: 95.69 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

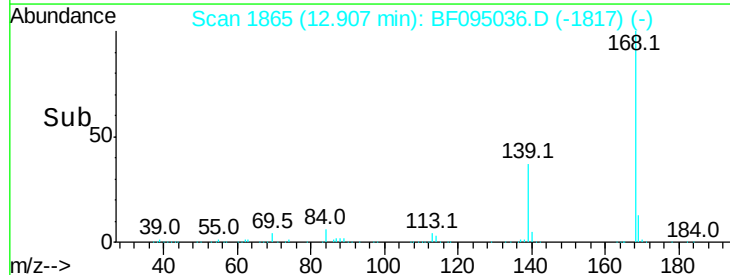
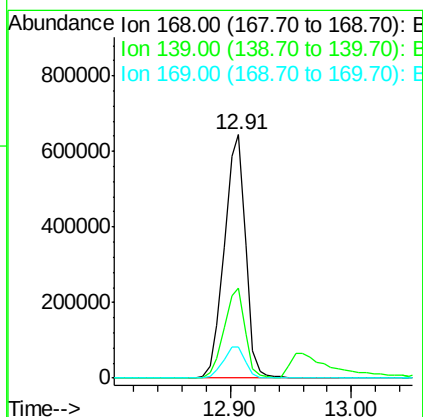
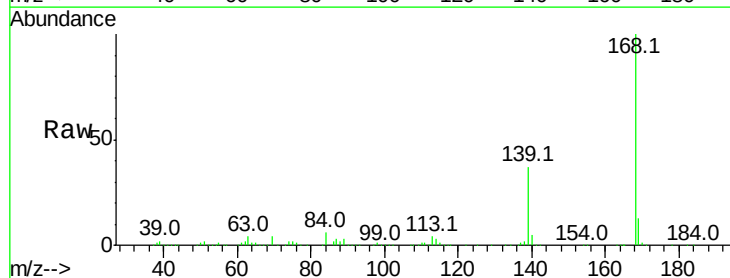
Instrument :
 BNA_F
 ClientSampled :

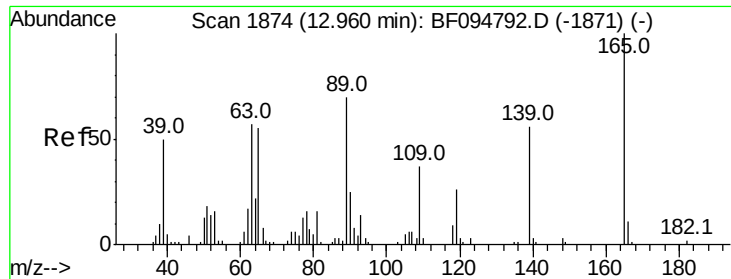
Tot Ion:184 Resp: 161326
 Ion Ratio Lower Upper
 184 100
 63 58.5 62.7 94.1#
 154 62.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.39 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion:168 Resp: 783475
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.6 45.8
 169 13.0 10.8 16.2

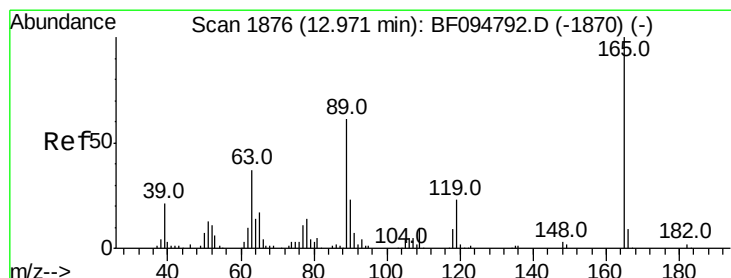
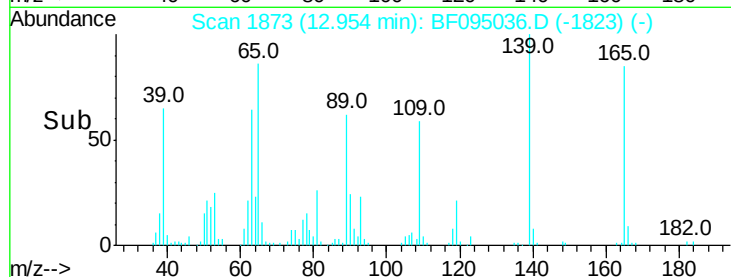
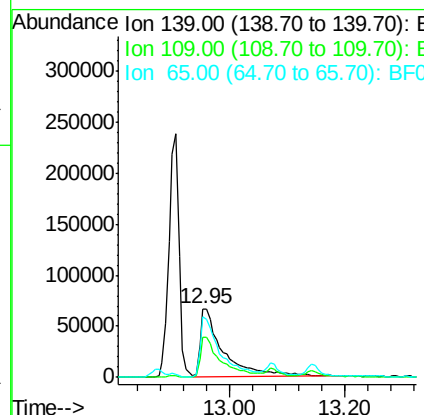
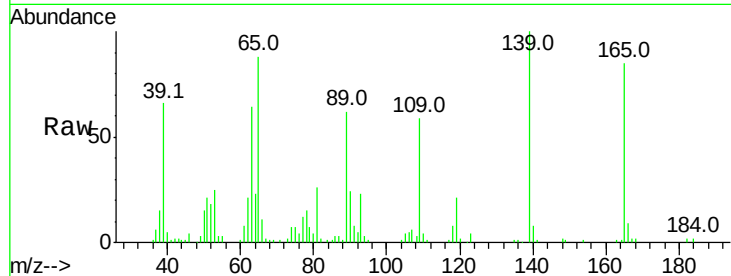




#55
4-Nitrophenol
Concen: 95.38 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

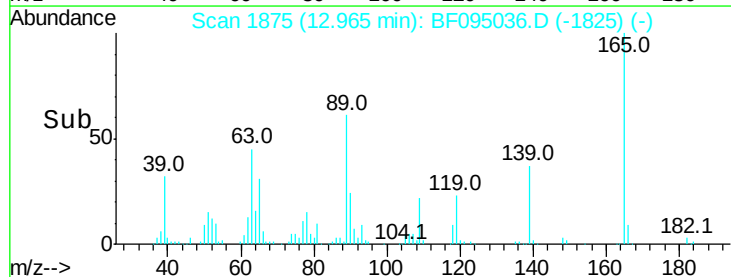
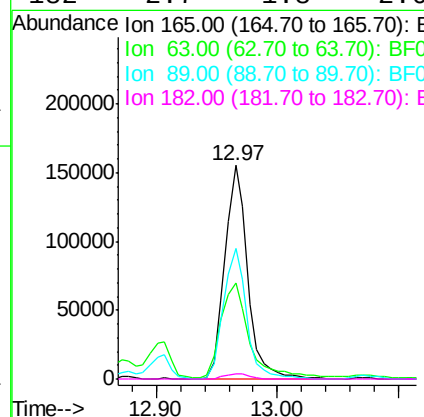
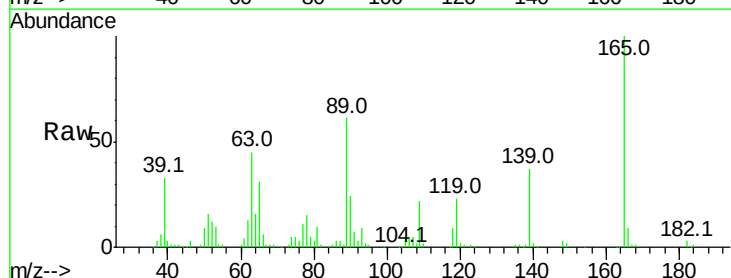
Instrument :
BNA_F
ClientSampled :

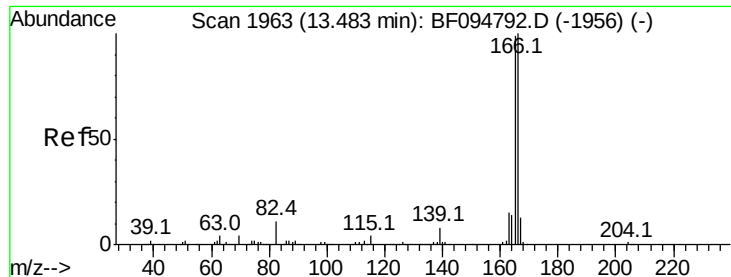
Tot Ion:139 Resp: 185630
Ion Ratio Lower Upper
139 100
109 58.7 34.1 74.1
65 88.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 52.31 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion:165 Resp: 202902
Ion Ratio Lower Upper
165 100
63 44.7 25.4 38.0#
89 60.9 46.4 69.6
182 2.7 1.8 2.6#

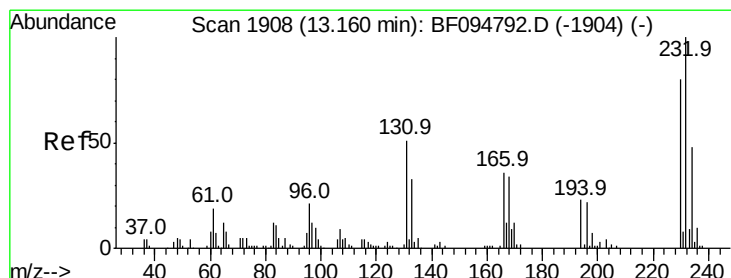
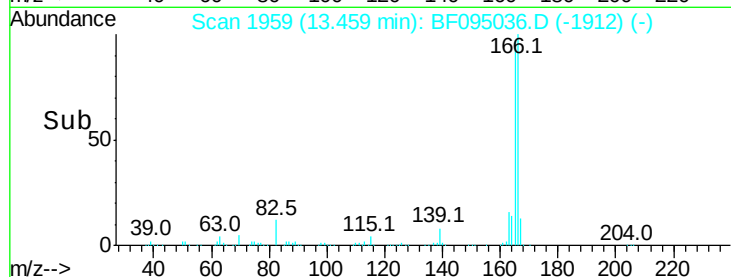
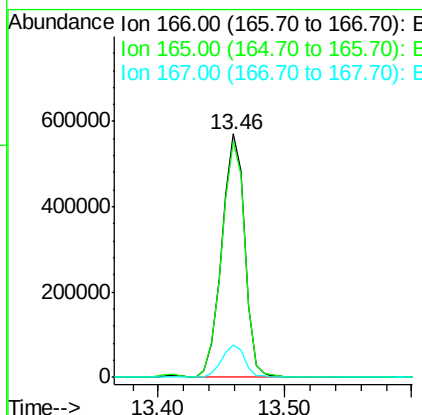
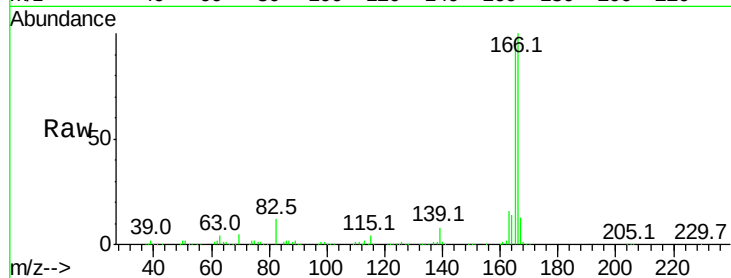




#57
 Fluorene
 Concen: 51.60 ng
 RT: 13.46 min Scan# 1959
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

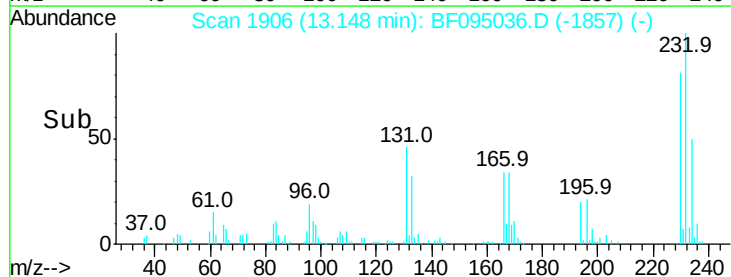
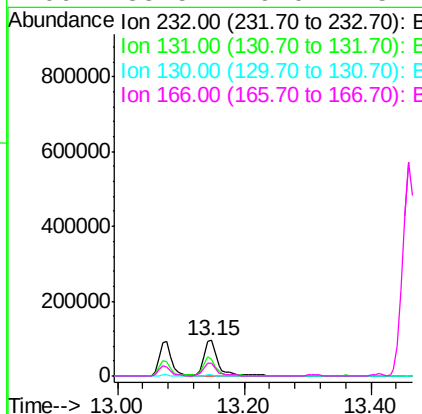
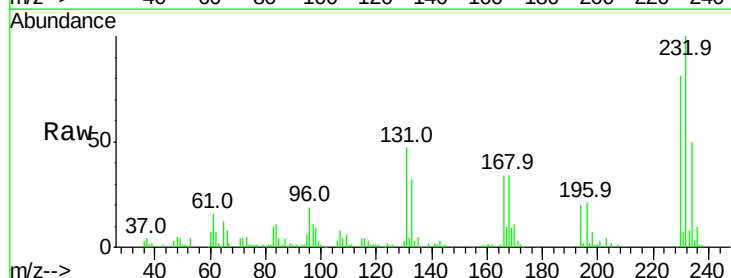
Instrument :
 BNA_F
 ClientSampleId :

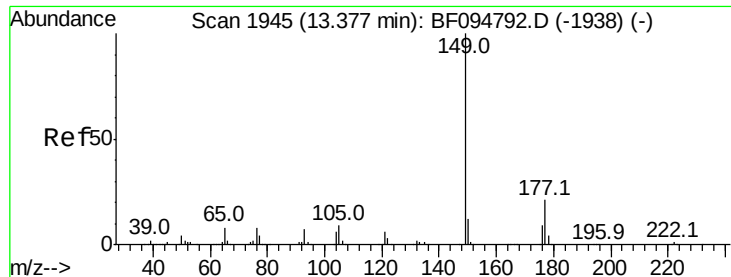
Tot Ion:166 Resp: 711800
 Ion Ratio Lower Upper
 166 100
 165 96.7 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.06 ng
 RT: 13.15 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion:232 Resp: 147852
 Ion Ratio Lower Upper
 232 100
 131 46.6 44.8 67.2
 130 2.3 2.3 3.5
 166 35.5 29.0 43.4

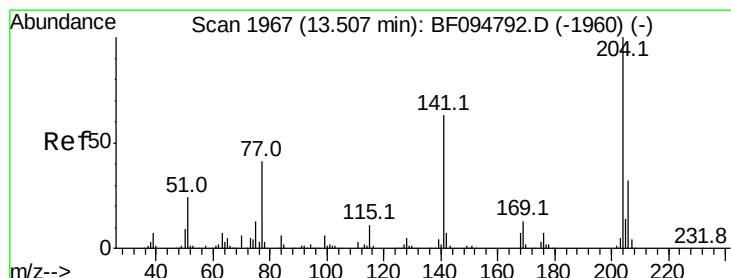
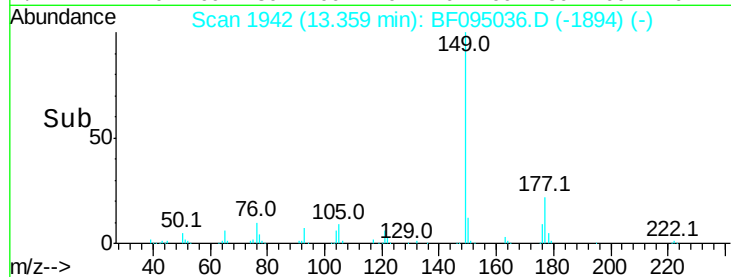
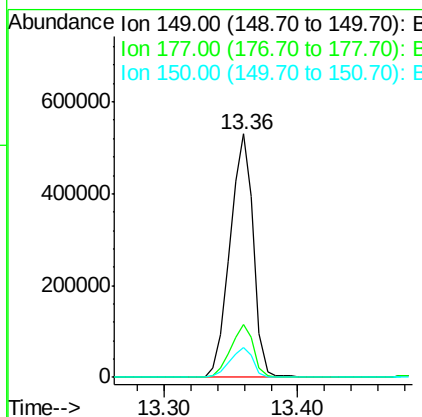
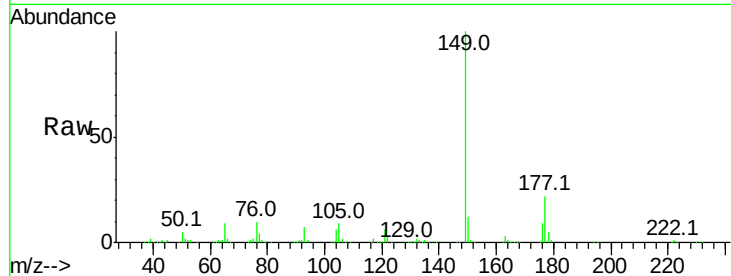




#59
Diethylphthalate
Concen: 45.83 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

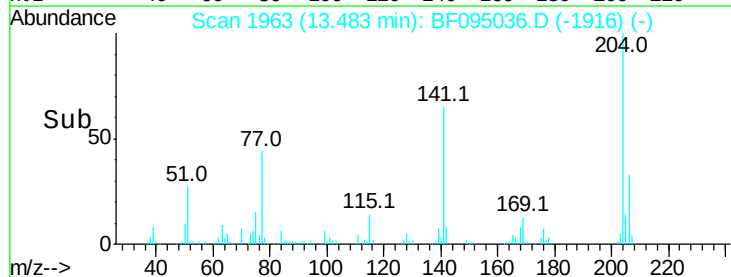
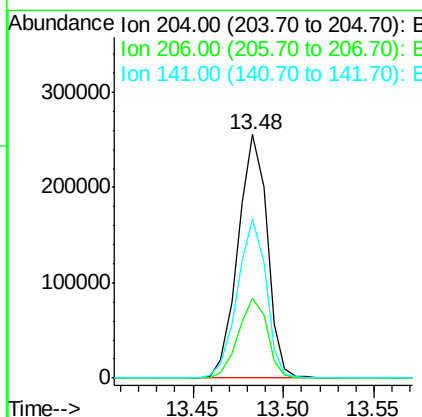
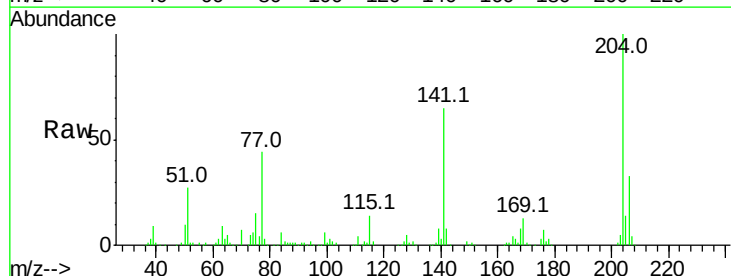
Instrument :
BNA_F
ClientSampleId :

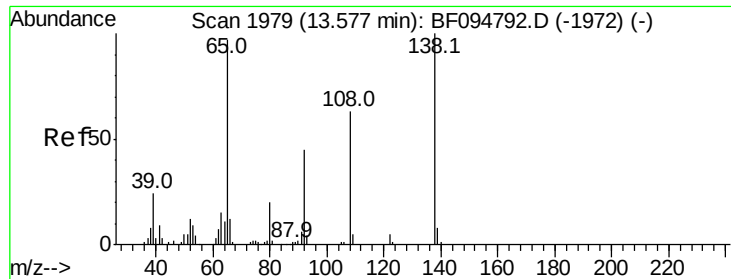
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.3	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.27 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	65.5	60.8	91.2

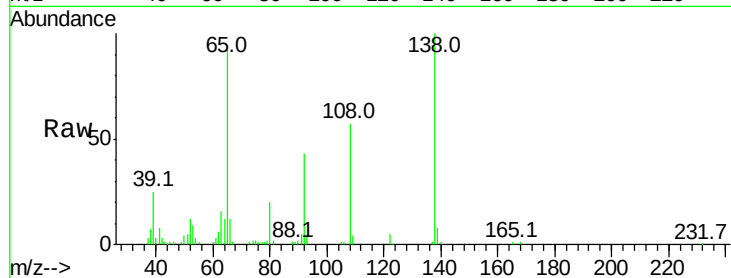




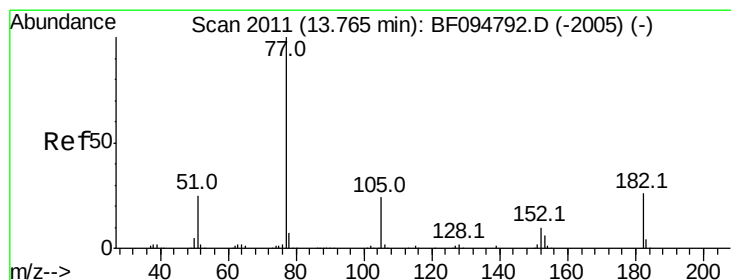
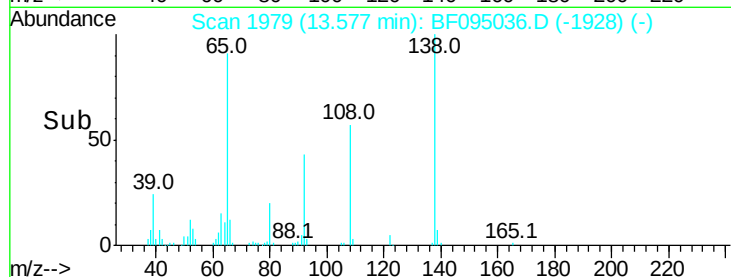
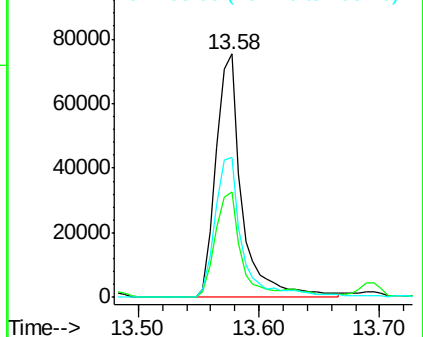
#61
4-Nitroaniline
Concen: 37.61 ng
RT: 13.58 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 111884
Ion Ratio Lower Upper
138 100
92 43.2 21.8 61.8
108 57.3 42.3 82.3

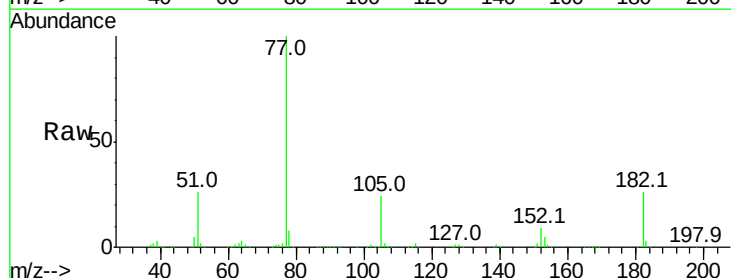


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

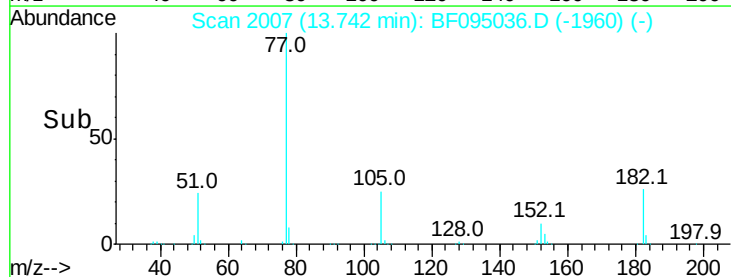
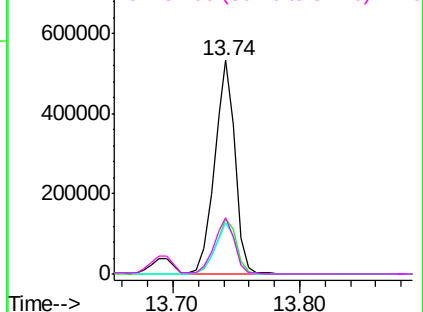


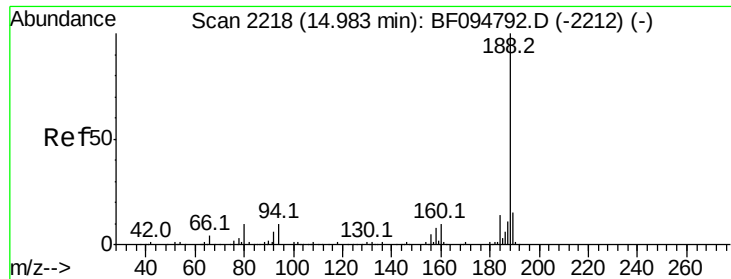
#62
Azobenzene
Concen: 52.59 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion: 77 Resp: 599339
Ion Ratio Lower Upper
77 100
182 25.6 0.1 40.1
105 24.2 3.6 43.6
51 26.3 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: 14.97 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

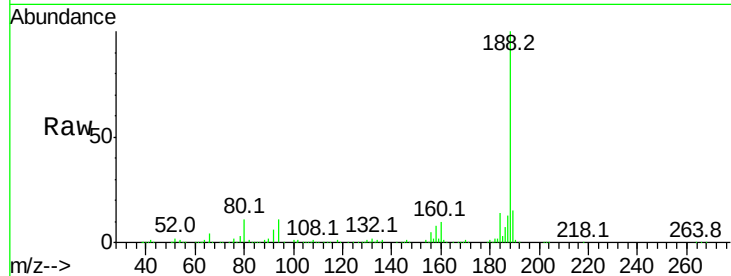
Tot Ion:188 Resp: 335265

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

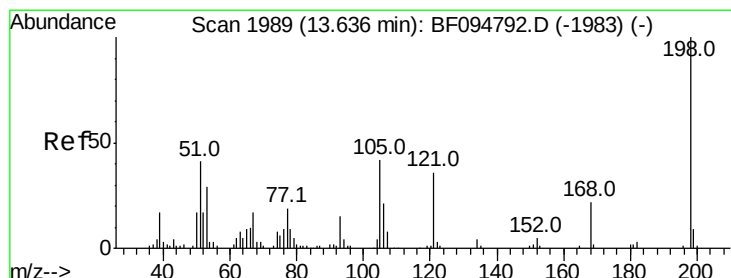
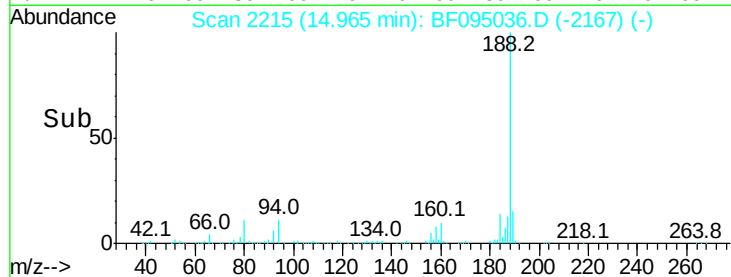
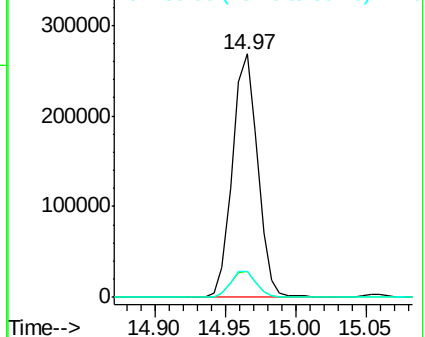
80 10.9 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.68 ng

RT: 13.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

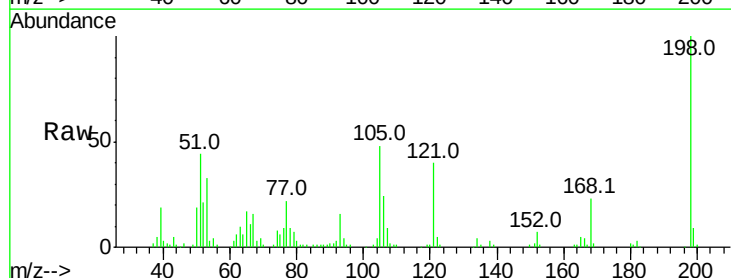
Tgt Ion:198 Resp: 104916

Ion Ratio Lower Upper

198 100

51 43.9 53.2 93.2#

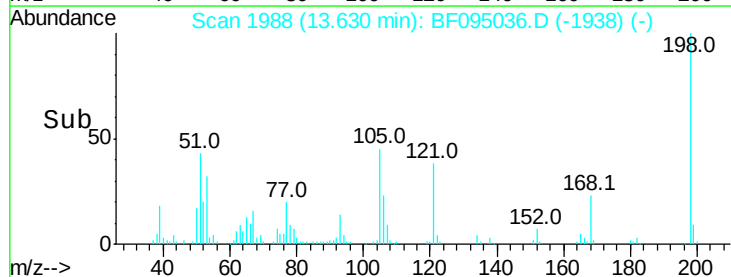
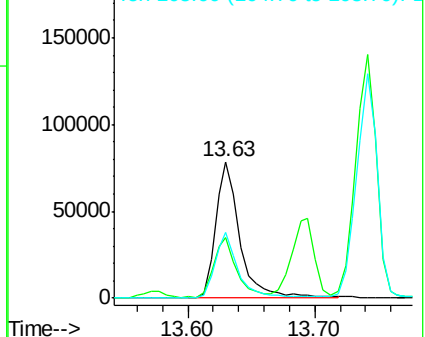
105 47.7 45.8 85.8

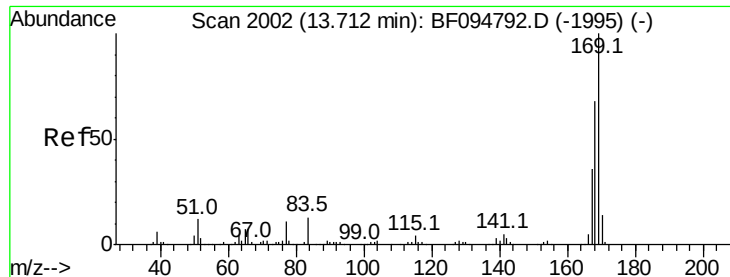


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.38 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampled :

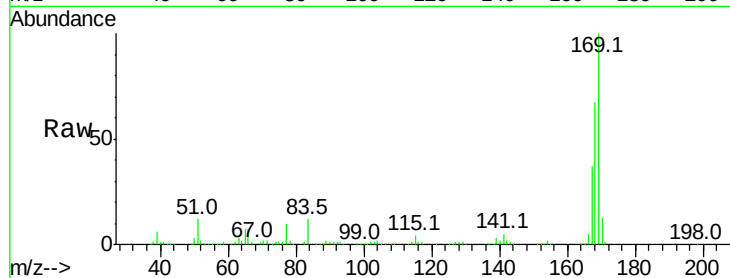
Tot Ion:169 Resp: 467039

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

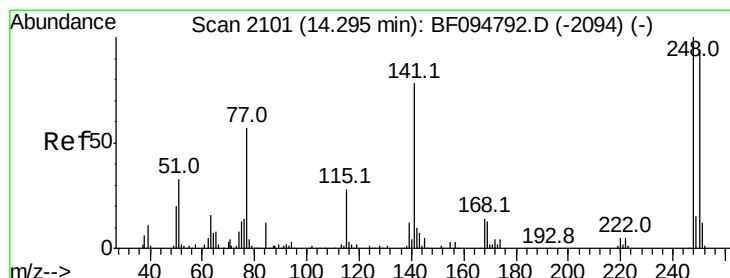
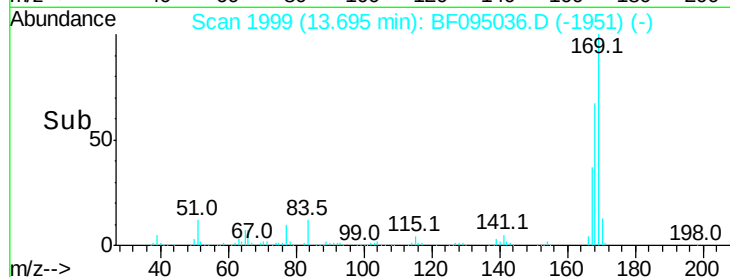
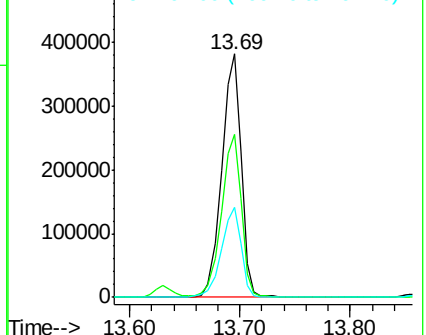
167 36.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.45 ng

RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

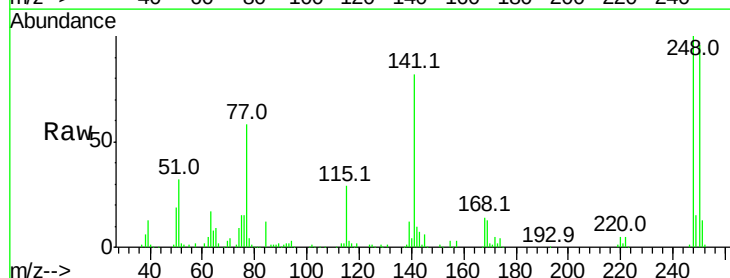
Tgt Ion:248 Resp: 160970

Ion Ratio Lower Upper

248 100

250 95.5 76.8 115.2

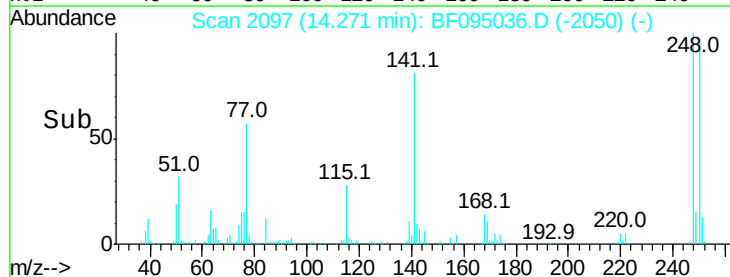
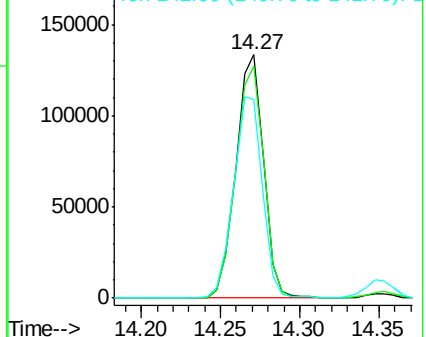
141 81.8 68.6 103.0

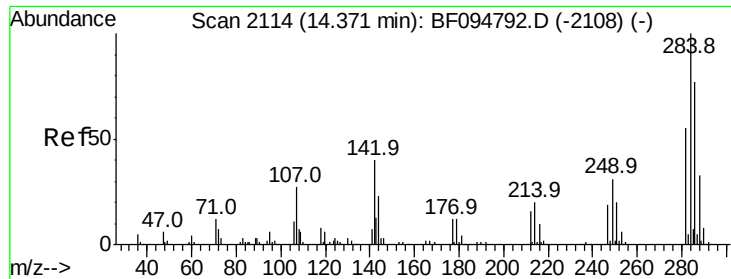


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

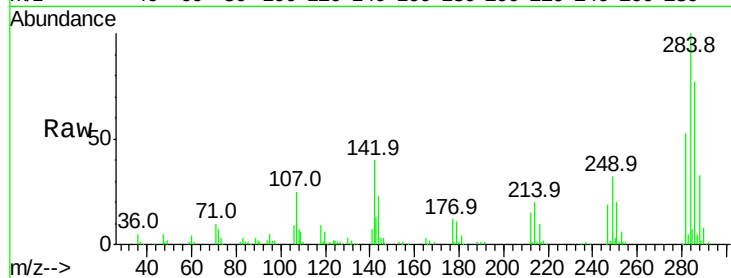




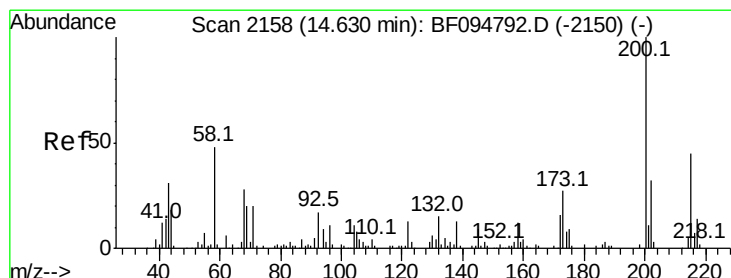
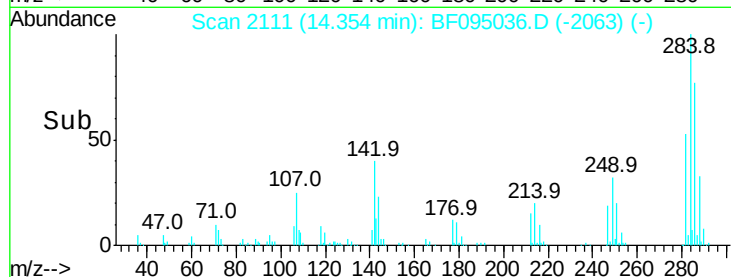
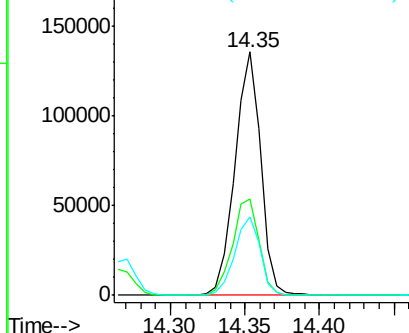
#67
Hexachlorobenzene
Concen: 45.14 ng
RT: 14.35 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 163852
Ion Ratio Lower Upper
284 100
142 39.7 22.8 34.2#
249 32.0 24.0 36.0

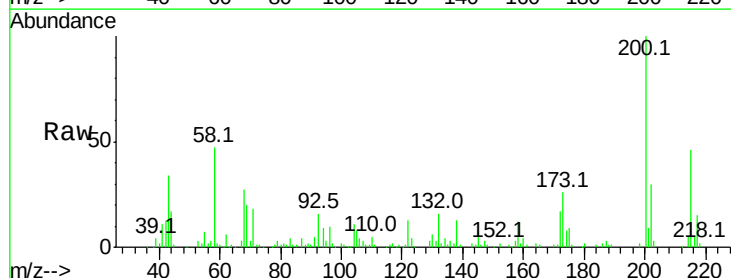


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

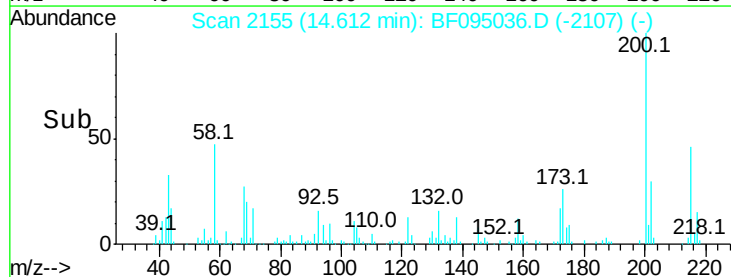
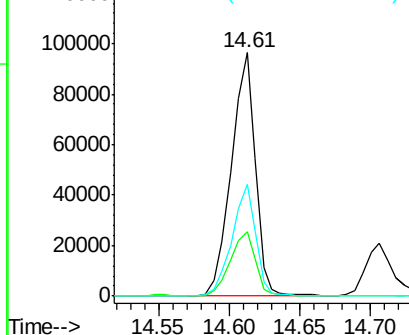


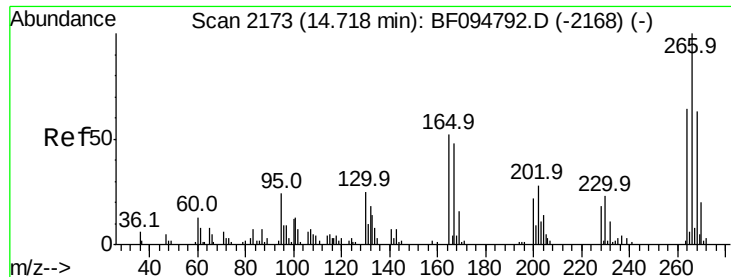
#68
Atrazine
Concen: 33.45 ng
RT: 14.61 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion:200 Resp: 114937
Ion Ratio Lower Upper
200 100
173 26.5 6.3 46.3
215 45.7 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

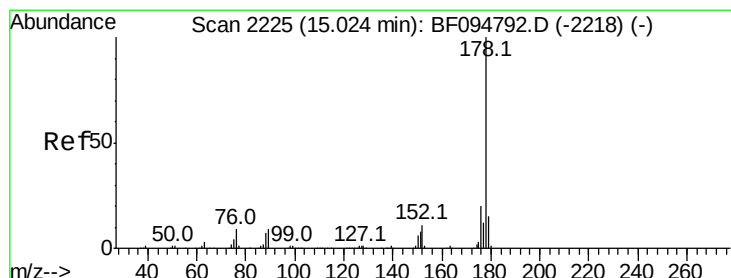
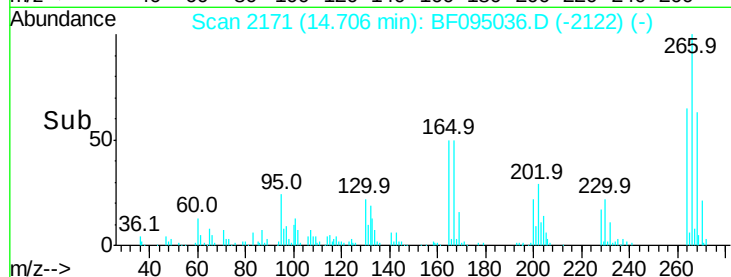
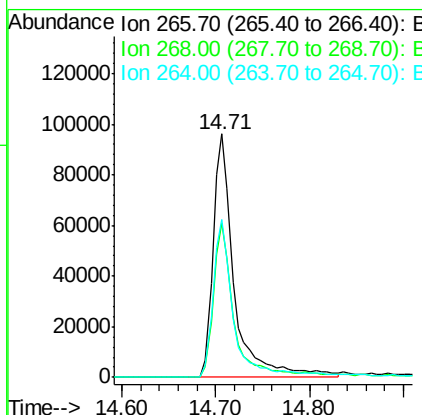
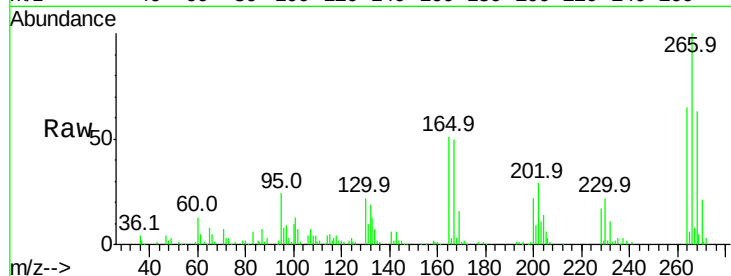




#69
 Pentachlorophenol
 Concen: 92.26 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

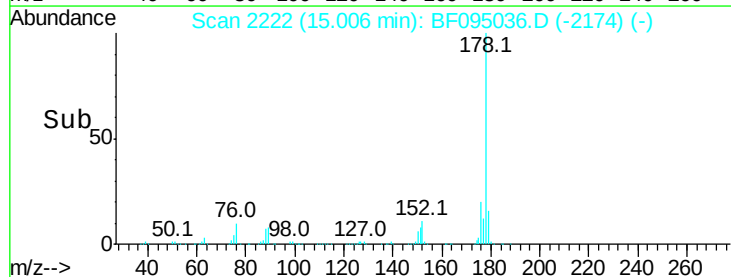
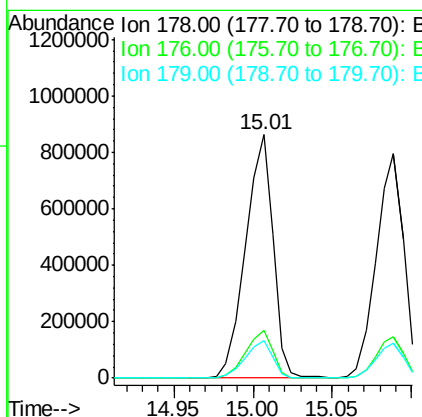
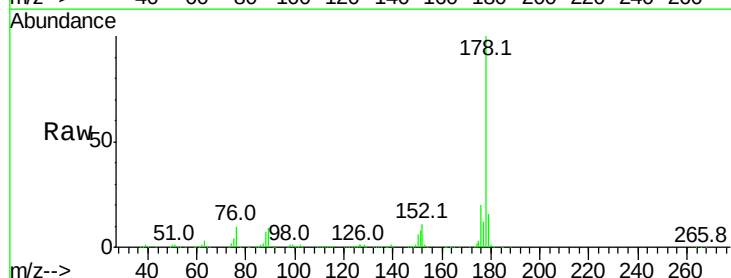
Instrument :
 BNA_F
 ClientSampleId :

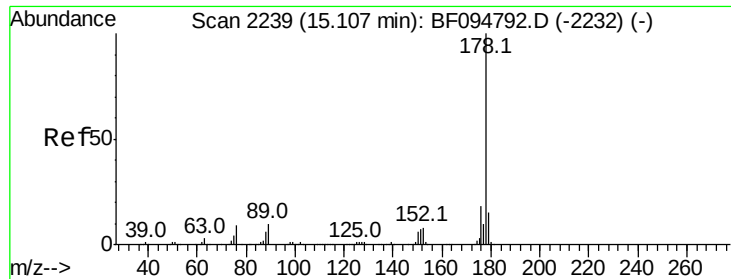
Tot Ion:266 Resp: 153016
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 64.6 51.7 77.5



#70
 Phenanthrene
 Concen: 53.83 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion:178 Resp: 1037005
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.6 12.6 19.0

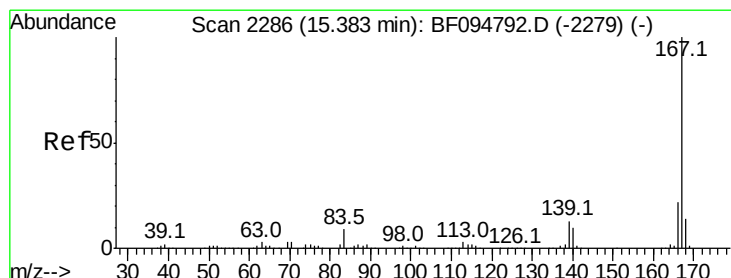
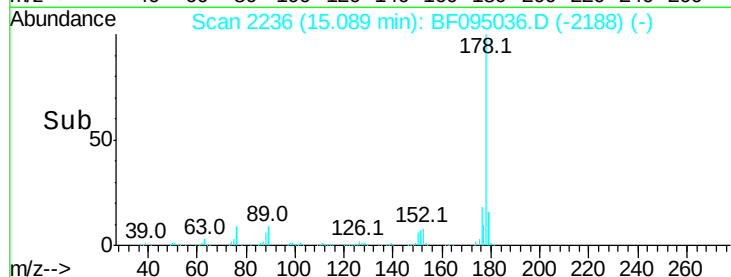
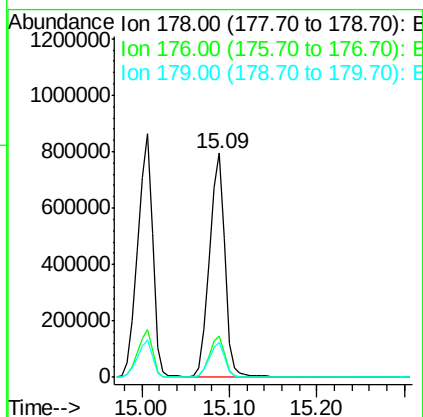
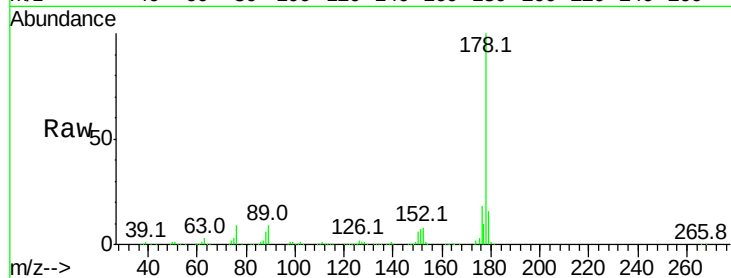




#71
 Anthracene
 Concen: 49.90 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

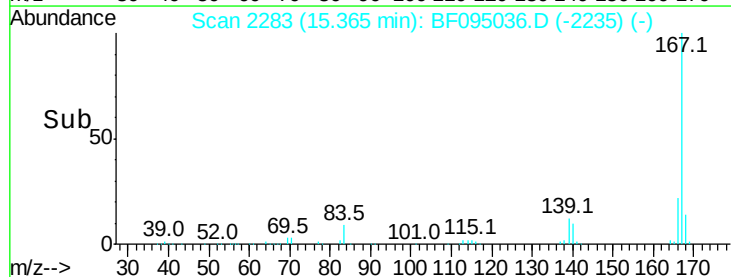
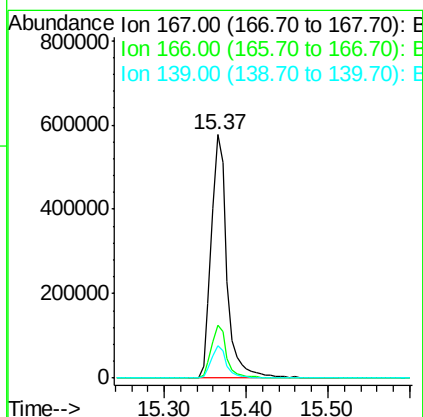
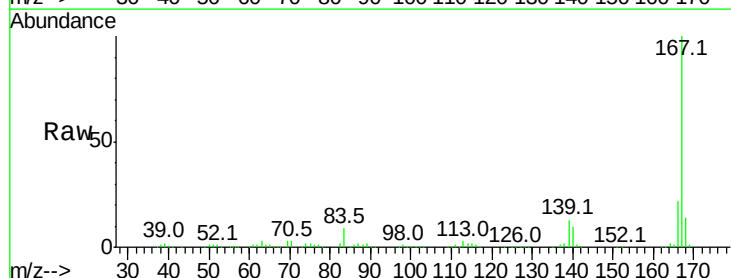
Instrument :
 BNA_F
 ClientSampled :

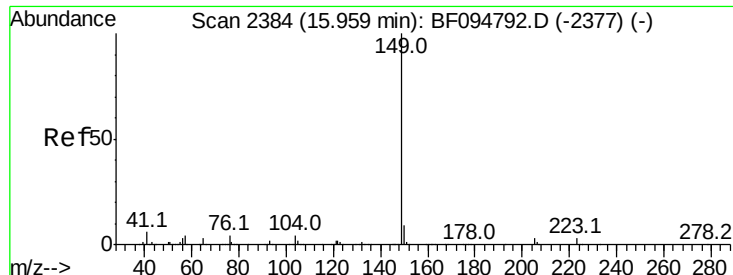
Tot Ion:178 Resp: 981791
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 43.44 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion:167 Resp: 777654
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.4 11.7 17.5

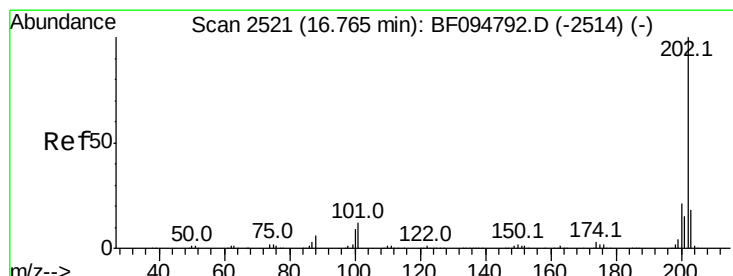
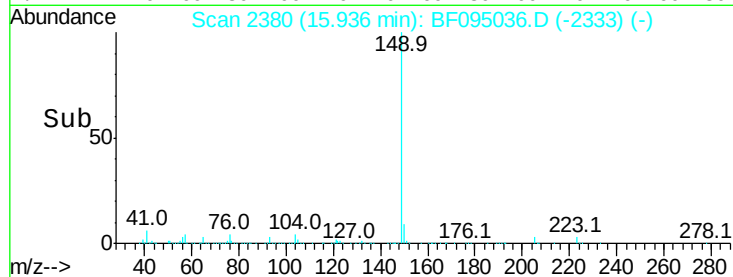
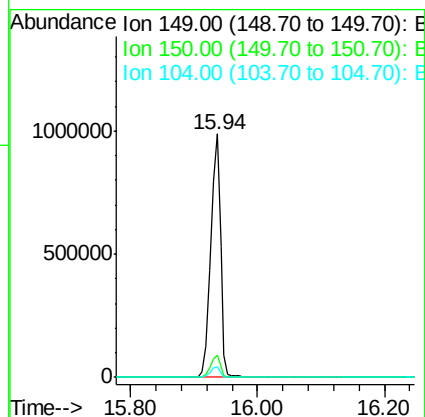
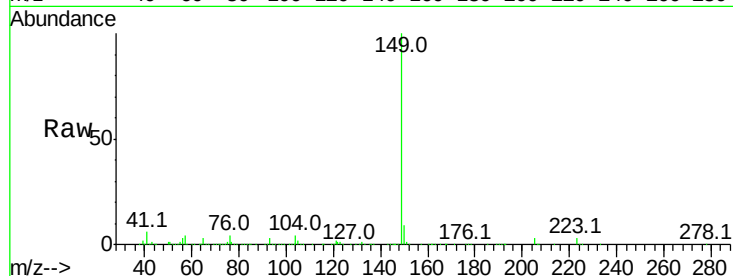




#73
Di-n-butylphthalate
Concen: 48.16 ng
RT: 15.94 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

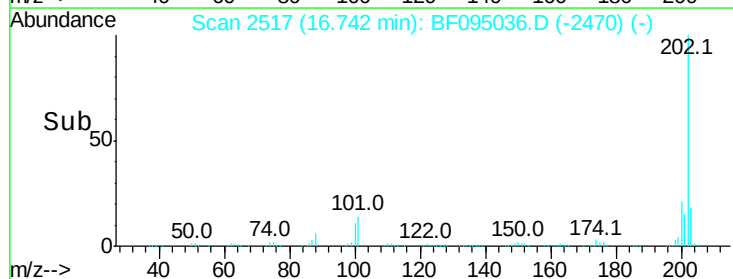
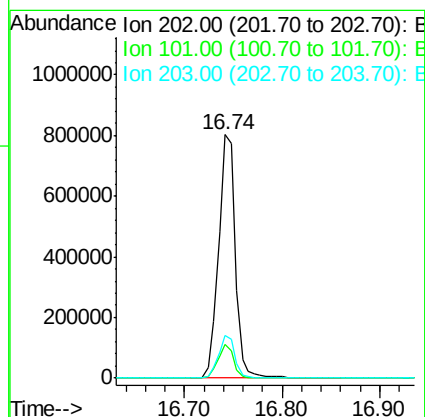
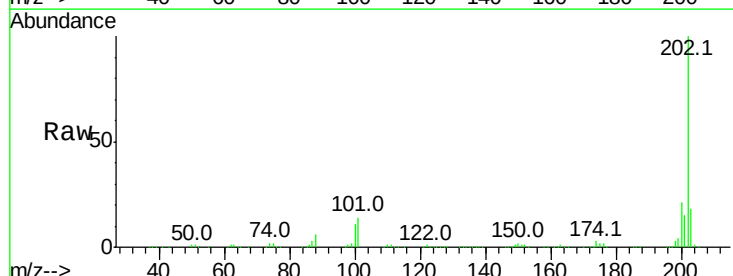
Instrument :
BNA_F
ClientSampled :

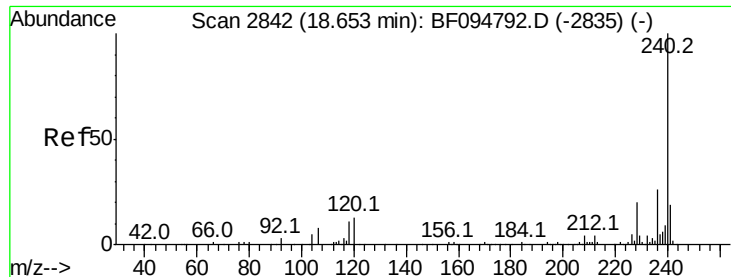
Tot Ion:149 Resp: 1075359
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 48.67 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion:202 Resp: 961681
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

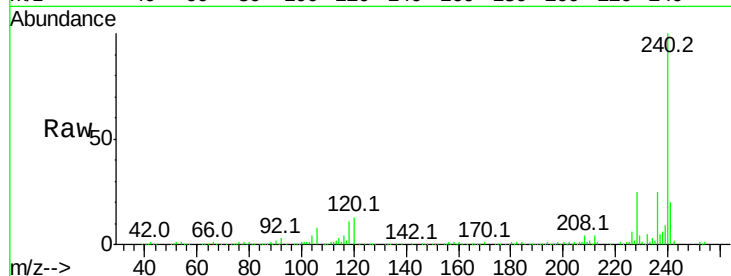
Tot Ion:240 Resp: 262186

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

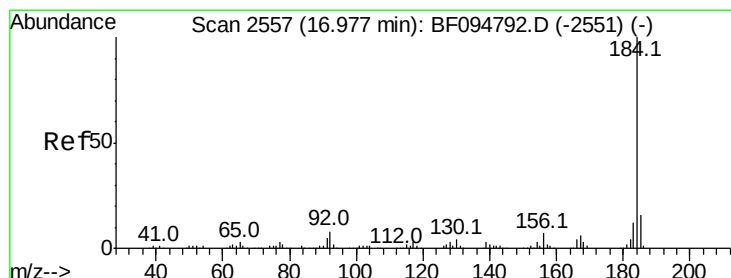
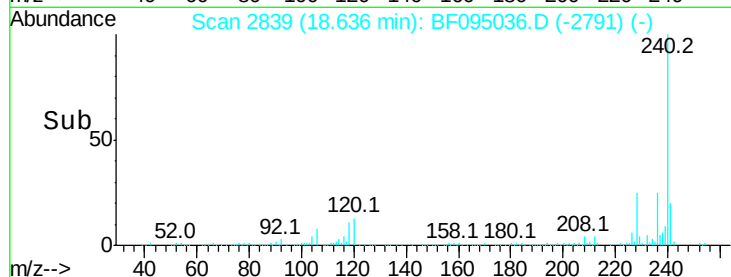
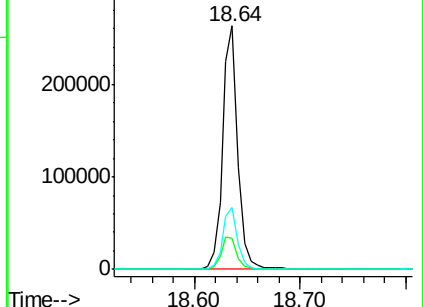
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.37 ng

RT: 16.99 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

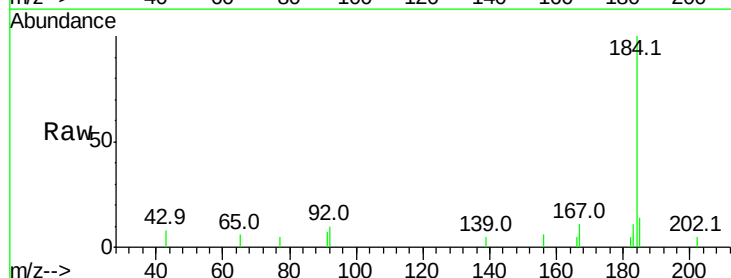
Tgt Ion:184 Resp: 14615

Ion Ratio Lower Upper

184 100

185 13.8 15.5 23.3#

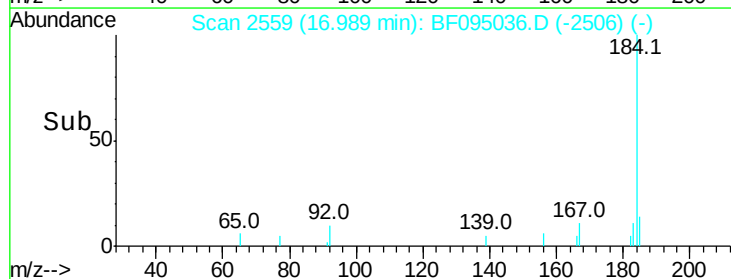
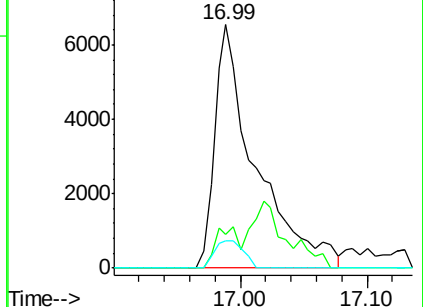
183 11.0 9.8 14.6

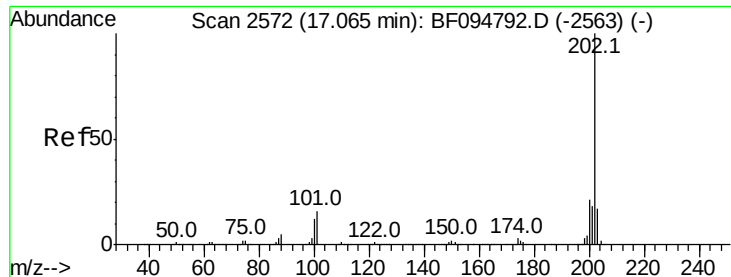


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.95 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

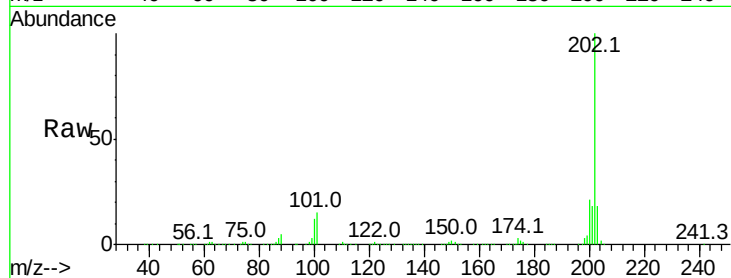
Tot Ion:202 Resp: 901086

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

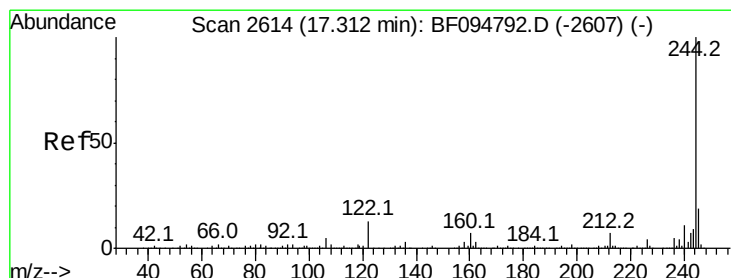
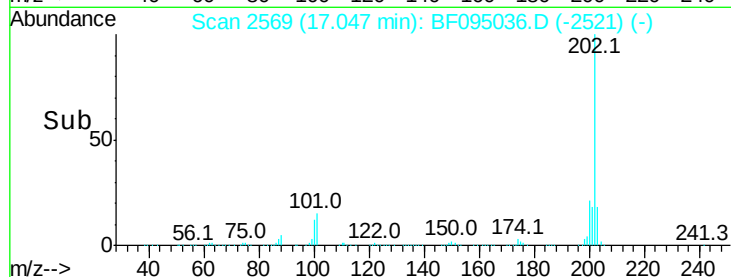
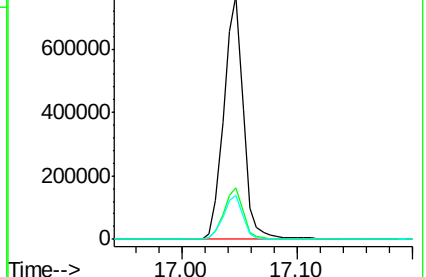
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.13 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

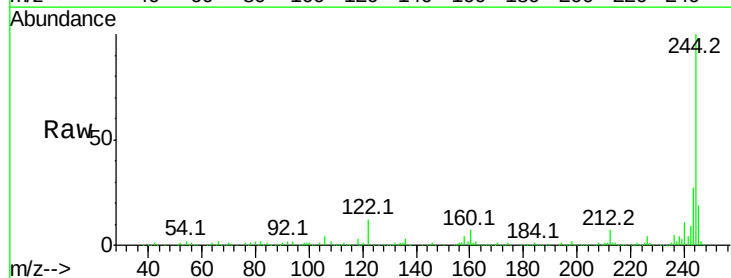
Tgt Ion:244 Resp: 1013357

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

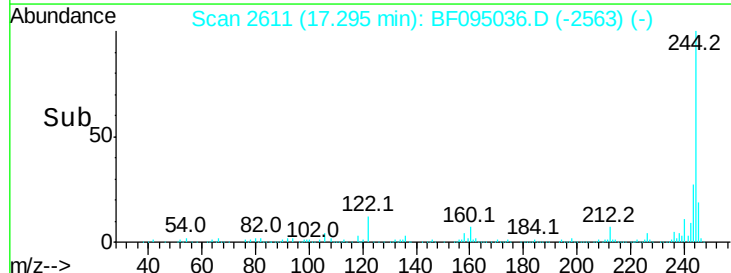
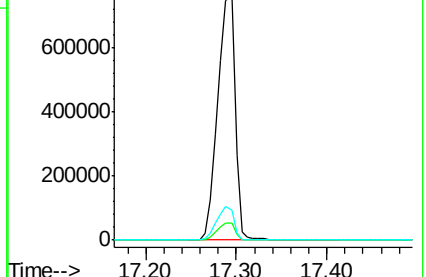
122 12.5 10.3 15.5

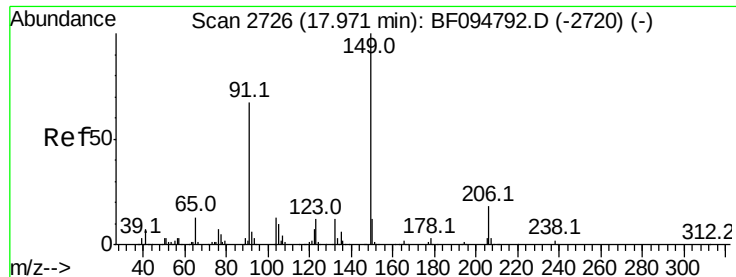


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.18 ng

RT: 17.95 min Scan# 2722

Delta R.T. -0.02 min

Lab File: BF095036.D

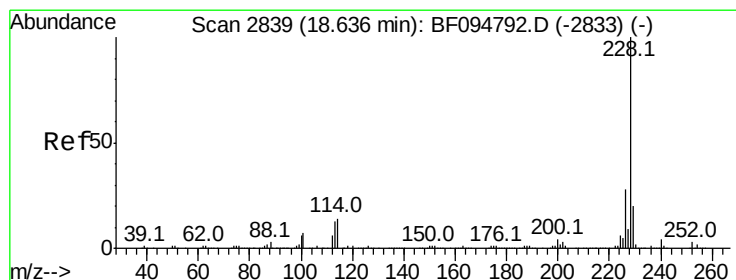
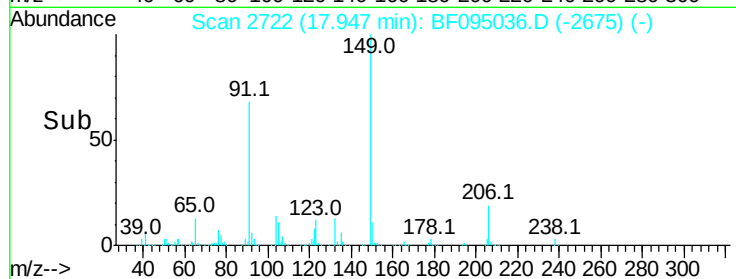
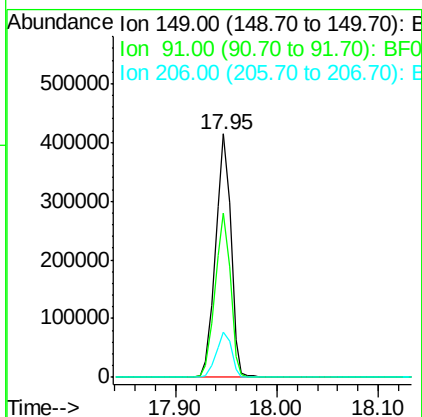
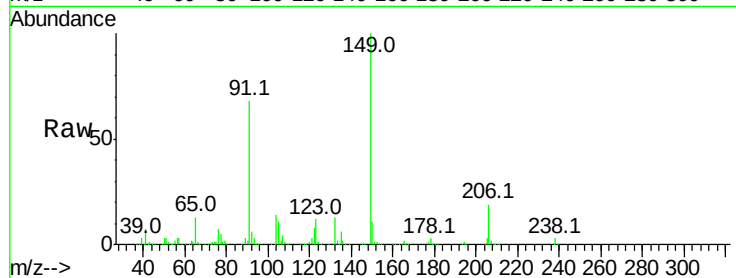
Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:	149	Resp:	439465
Ion Ratio	Lower	Upper	
149	100		
91	67.5	45.0	67.4#
206	18.5	17.0	25.6



#80

Benzo(a)anthracene

Concen: 49.08 ng

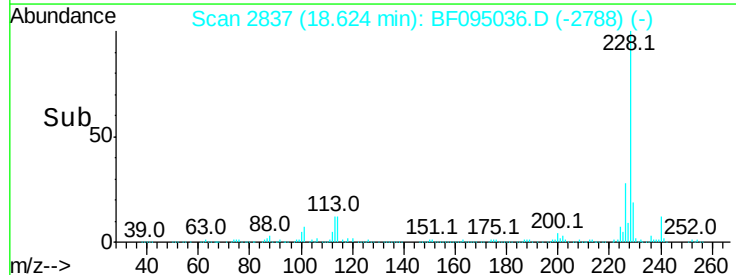
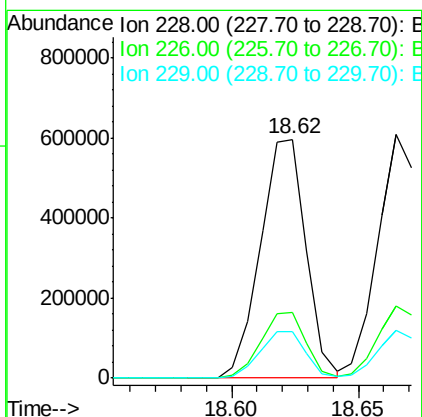
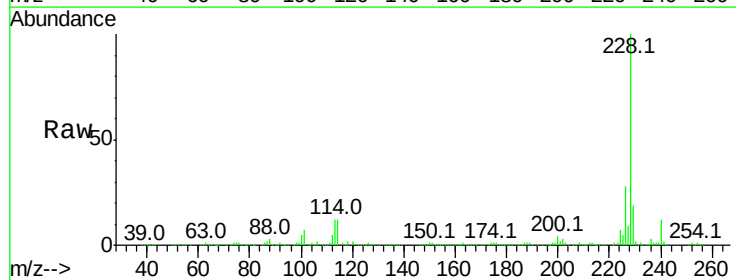
RT: 18.62 min Scan# 2837

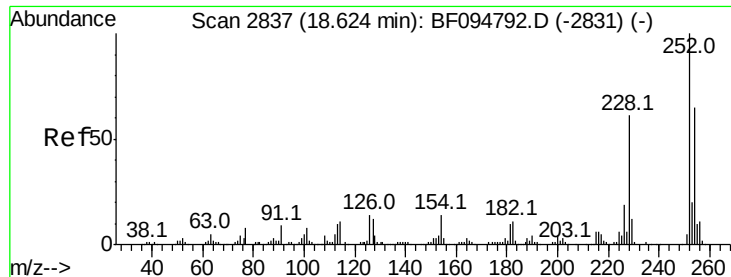
Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion:	228	Resp:	748967
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	19.3	16.3	24.5

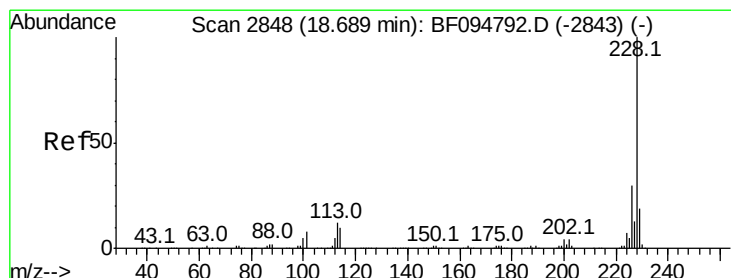
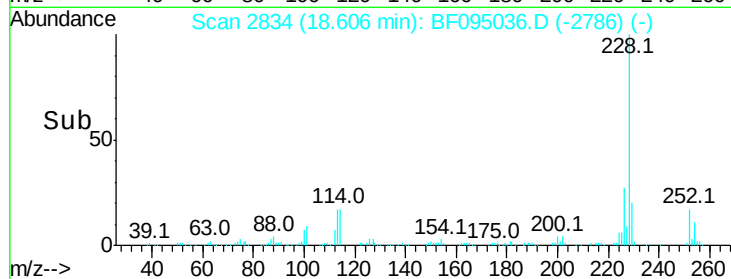
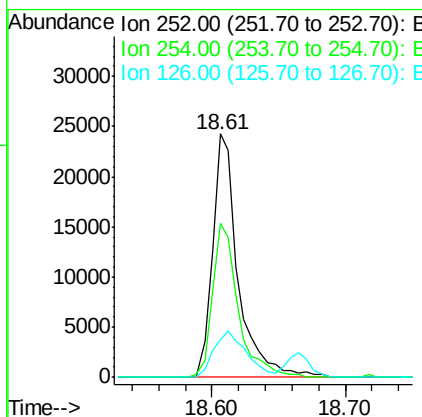
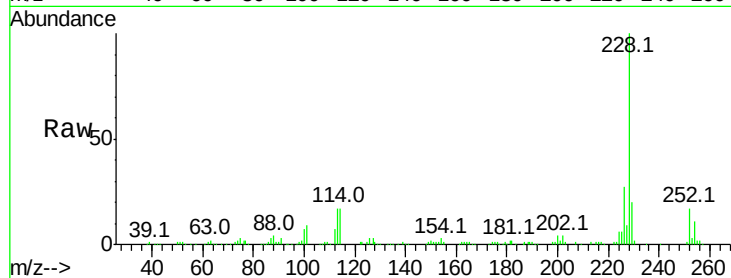




#81
 3,3'-Dichlorobenzidine
 Concen: 6.19 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

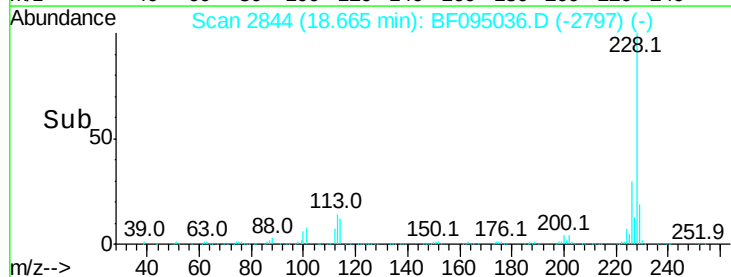
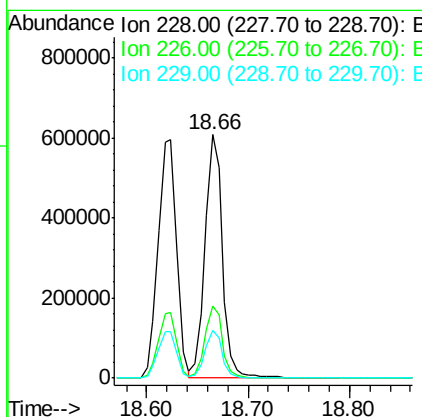
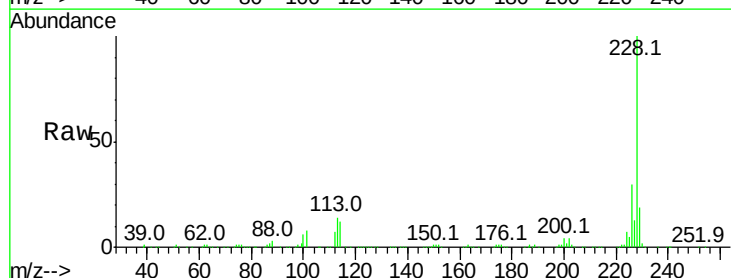
Instrument :
 BNA_F
 ClientSampleId :

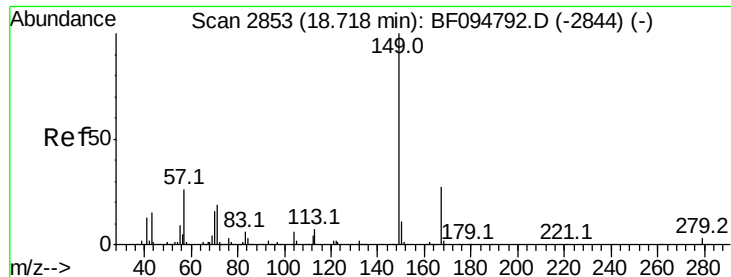
Tot Ion:252 Resp: 32612
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.5 77.3
 126 15.6 15.8 23.8#



#82
 Chrysene
 Concen: 48.90 ng
 RT: 18.66 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion:228 Resp: 721526
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.9 37.3
 229 19.4 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.24 ng

RT: 18.69 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

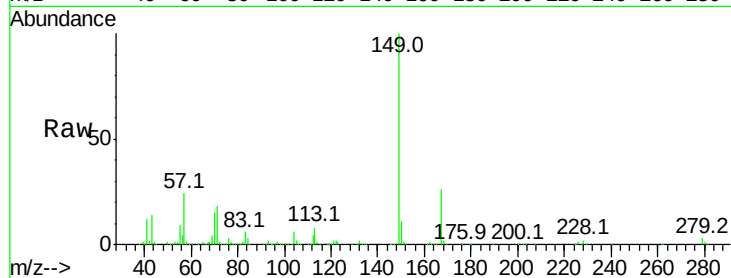
Tot Ion:149 Resp: 652916

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

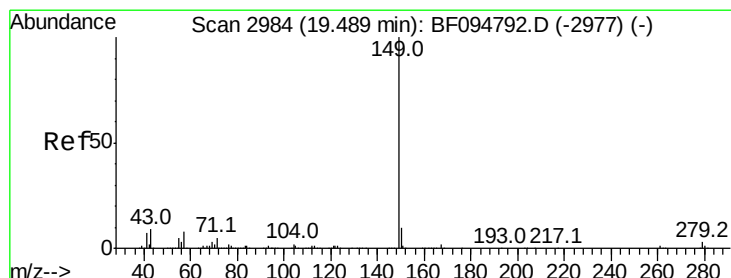
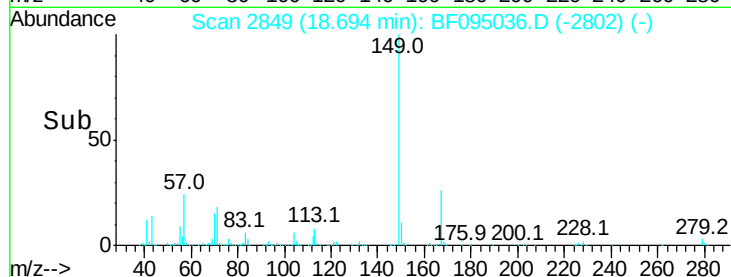
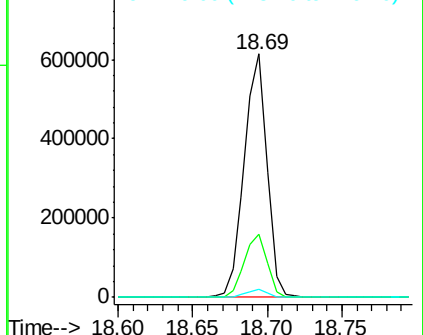
279 3.2 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.84 ng

RT: 19.46 min Scan# 2979

Delta R.T. -0.03 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

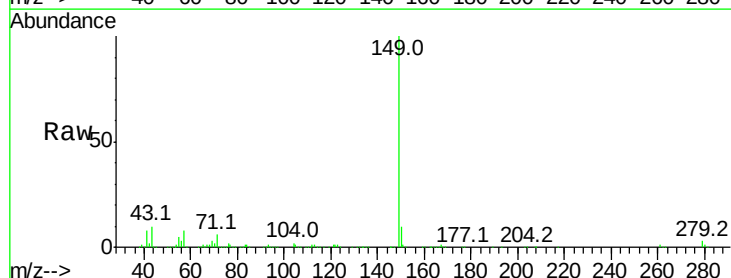
Tgt Ion:149 Resp: 1040502

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

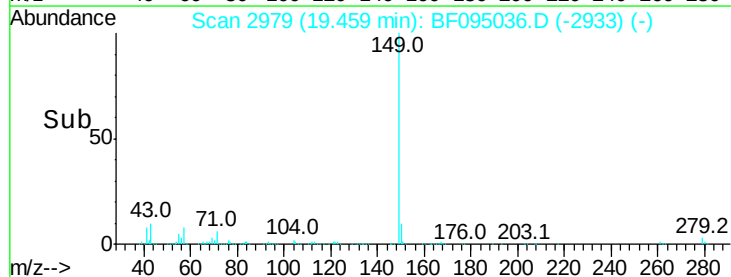
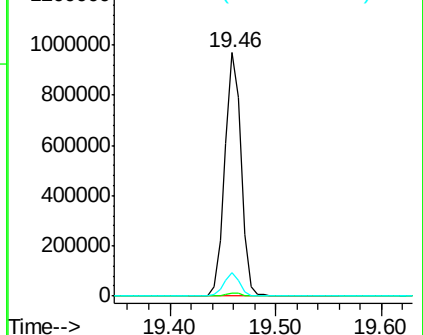
43 9.0 8.5 12.7

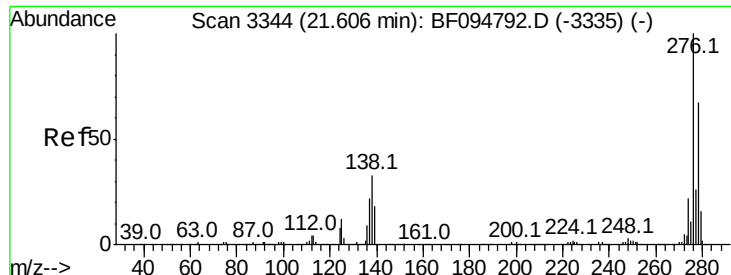


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.80 ng

RT: 21.59 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

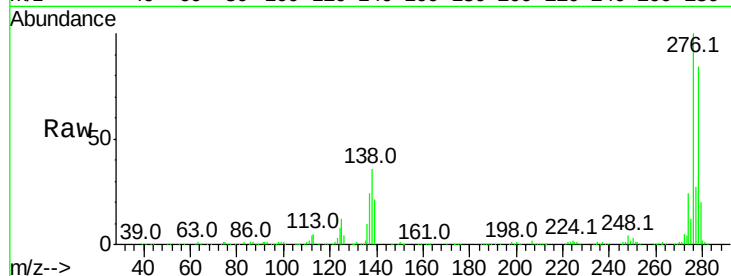
Tot Ion:276 Resp: 572757

Ion Ratio Lower Upper

276 100

138 34.8 27.8 41.6

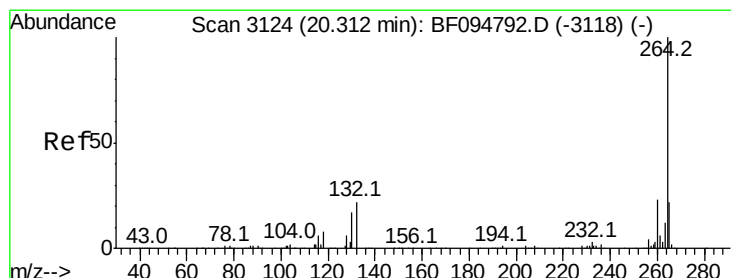
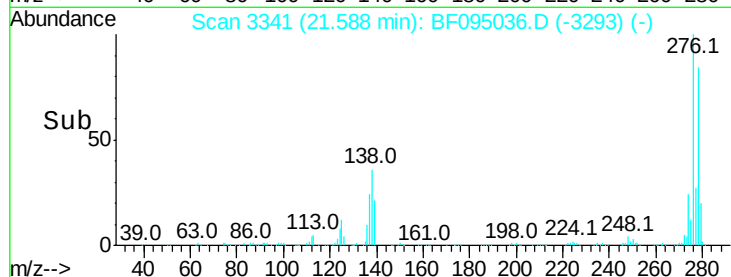
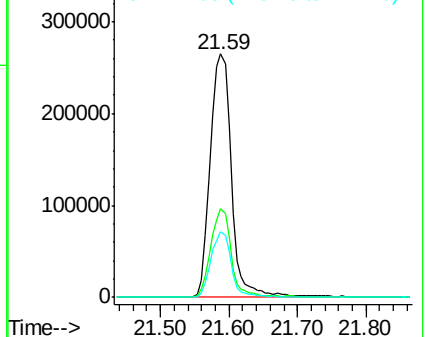
277 25.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.29 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

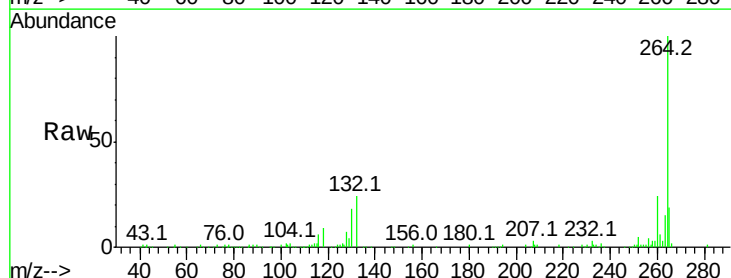
Tgt Ion:264 Resp: 185721

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

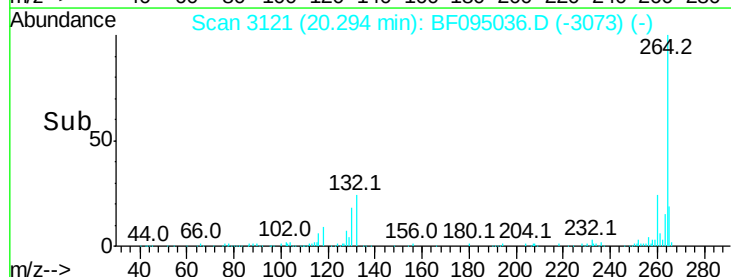
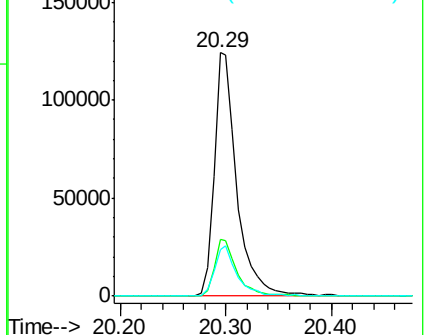
265 19.2 17.2 25.8

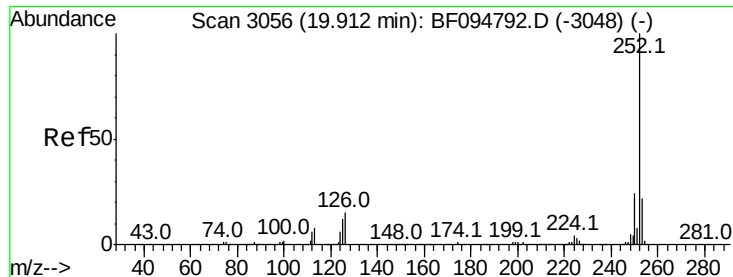


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

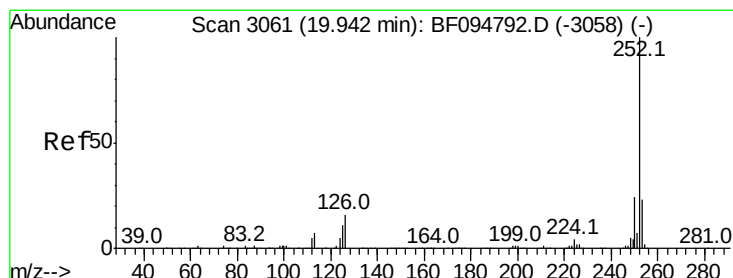
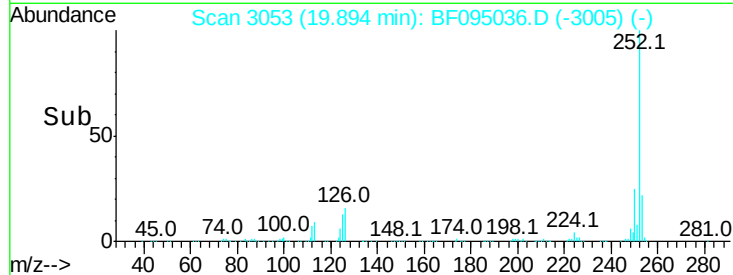
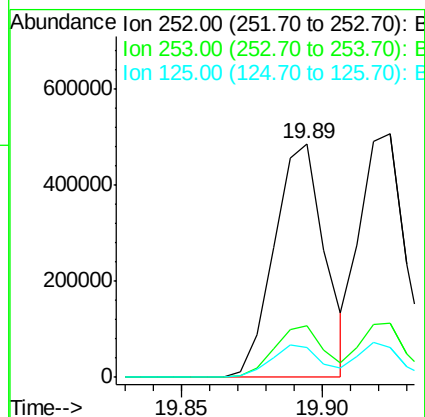
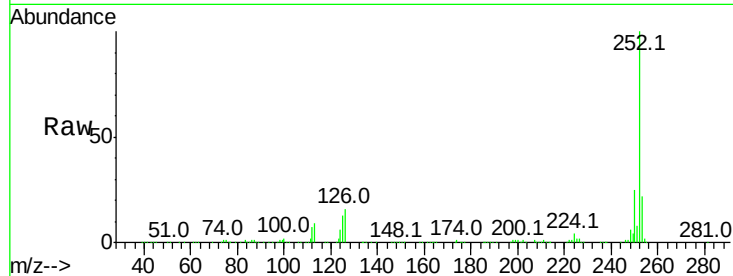




#87
Benzo(b)fluoranthene
Concen: 52.48 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

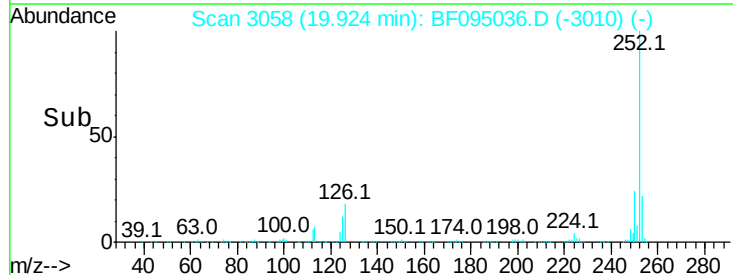
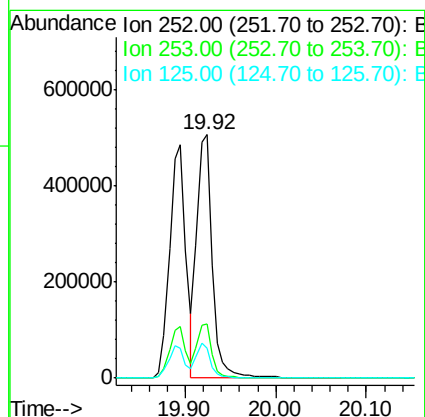
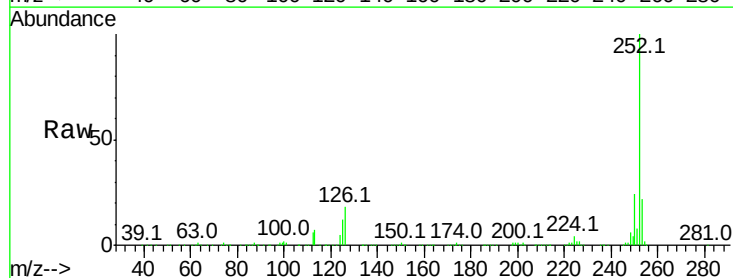
Instrument :
BNA_F
ClientSampleId :

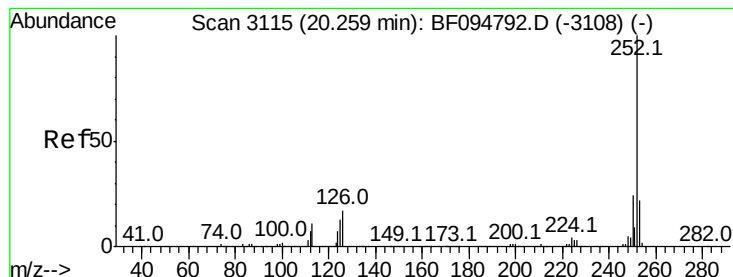
Tot Ion:252 Resp: 602249
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 53.70 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion:252 Resp: 594458
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 12.4 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 52.14 ng

RT: 20.24 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

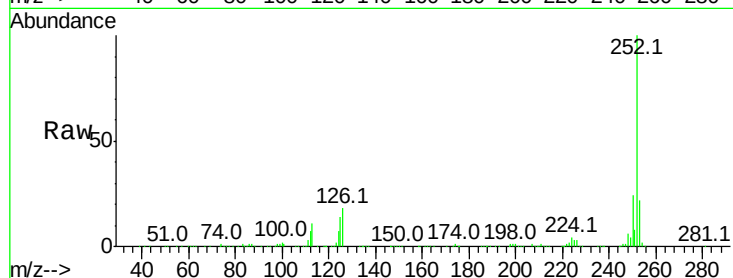
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 552147

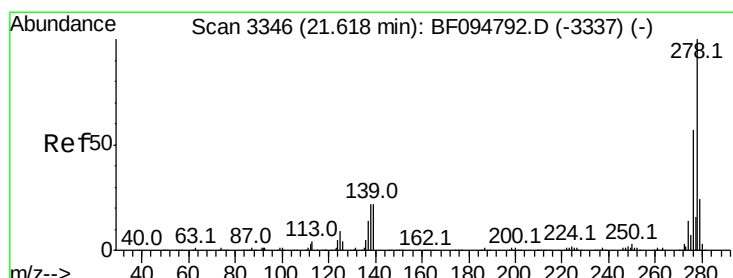
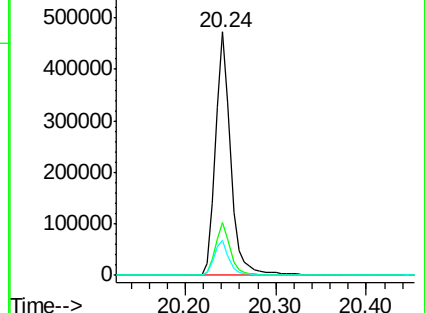
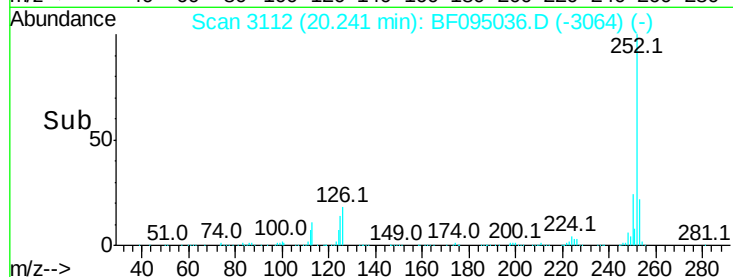
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.1	11.0	16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 55.27 ng

RT: 21.59 min Scan# 3342

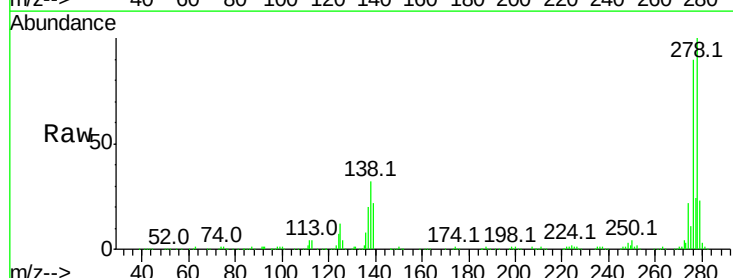
Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion:278 Resp: 483353

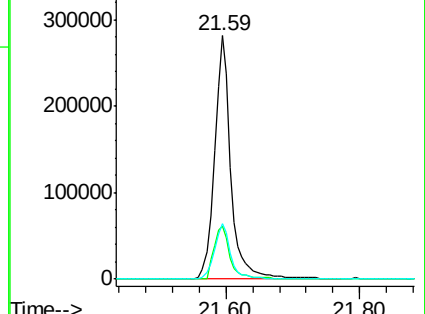
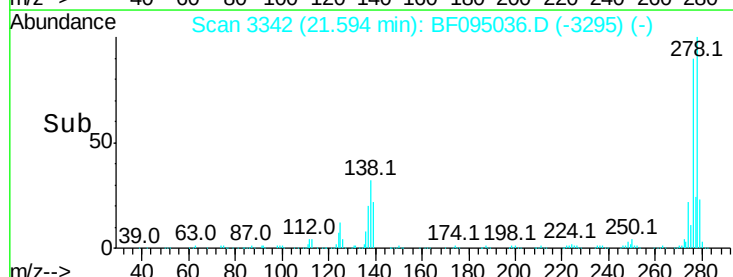
Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.0	19.3	28.9

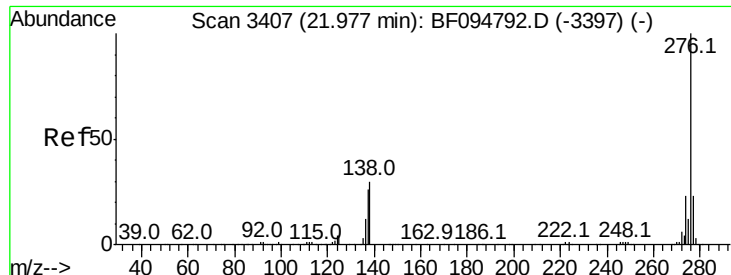


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 57.07 ng

RT: 21.96 min Scan# 3404

Delta R.T. -0.02 min

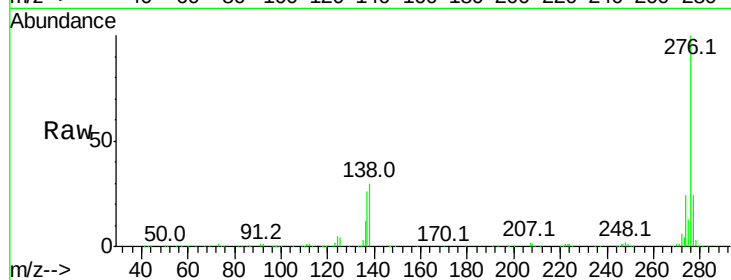
Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :



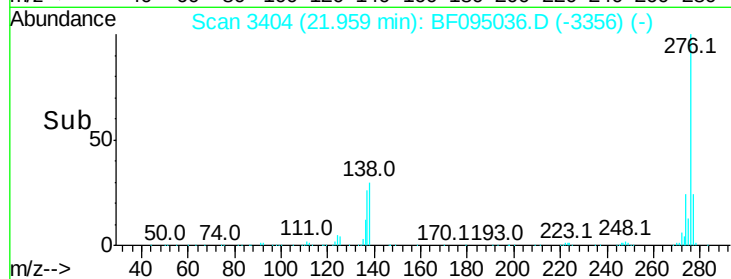
Tot Ion: 276 Resp: 489762

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 29.7 25.4 38.0



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

