

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095918.D
 Acq On : 14 Jun 2017 5:43
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 08:08:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	74258	20.00	ng	-0.05
21) Naphthalene-d8	9.39	136	281085	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	111260	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	174440	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	141872	20.00	ng	-0.04
86) Perylene-d12	19.99	264	103477	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	410542	88.10	ng	-0.05
7) Phenol-d6	6.92	99	468635	84.00	ng	-0.04
23) Nitrobenzene-d5	8.28	82	382981	84.62	ng	-0.04
41) 2,4,6-Tribromophenol	13.50	330	72898	74.05	ng	-0.05
44) 2-Fluorobiphenyl	11.17	172	689793	86.28	ng	-0.05
78) Terphenyl-d14	16.97	244	504614	88.27	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.65	88	88180	39.78	ng	94
3) Pyridine	2.19	79	221327	42.48	ng	99
4) n-Nitrosodimethylamine	2.17	42	83294	42.05	ng	79
6) Aniline	6.85	93	298034	40.83	ng	95
8) 2-Chlorophenol	7.04	128	207474	41.87	ng	94
9) Benzaldehyde	6.66	77	145085	38.55	ng	98
10) Phenol	6.94	94	241980	41.81	ng	92
11) bis(2-Chloroethyl)ether	7.00	93	196111	42.78	ng	97
12) 1,3-Dichlorobenzene	7.25	146	228308	40.71	ng	99
13) 1,4-Dichlorobenzene	7.38	146	238152	41.87	ng	97
14) 1,2-Dichlorobenzene	7.62	146	216397	41.27	ng	94
15) Benzyl Alcohol	7.66	79	153069	39.97	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.85	45	265388	41.20	ng	97
17) 2-Methylphenol	7.89	107	172246	41.42	ng	95
18) Hexachloroethane	8.13	117	60129	32.01	ng	# 85
19) n-Nitroso-di-n-propylamine	8.09	70	143996	40.73	ng	93
20) 3+4-Methylphenols	8.15	107	224846	42.60	ng	# 56
22) Acetophenone	8.05	105	283686	43.12	ng	# 84
24) Nitrobenzene	8.30	77	207960	43.01	ng	93
25) Isophorone	8.71	82	345815	40.92	ng	# 94
26) 2-Nitrophenol	8.82	139	86440	34.14	ng	99
27) 2,4-Dimethylphenol	8.97	122	168801	42.96	ng	96
28) bis(2-Chloroethoxy)methane	9.09	93	238584	42.83	ng	99
29) 2,4-Dichlorophenol	9.25	162	152756	40.37	ng	95
30) 1,2,4-Trichlorobenzene	9.32	180	163162	41.44	ng	99
31) Naphthalene	9.42	128	577469	40.94	ng	99
32) Benzoic acid	9.31	122	38605	19.16	ng	89
33) 4-Chloroaniline	9.57	127	226325	41.05	ng	# 93
34) Hexachlorobutadiene	9.64	225	87248	42.89	ng	97
35) Caprolactam	10.22	113	45132	40.08	ng	88
36) 4-Chloro-3-methylphenol	10.45	107	153086	38.65	ng	91
37) 2-Methylnaphthalene	10.55	142	372288	39.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.83	216	144904	43.52	ng	98
40) Hexachlorocyclopentadiene	10.80	237	118	11.34	ng	# 62

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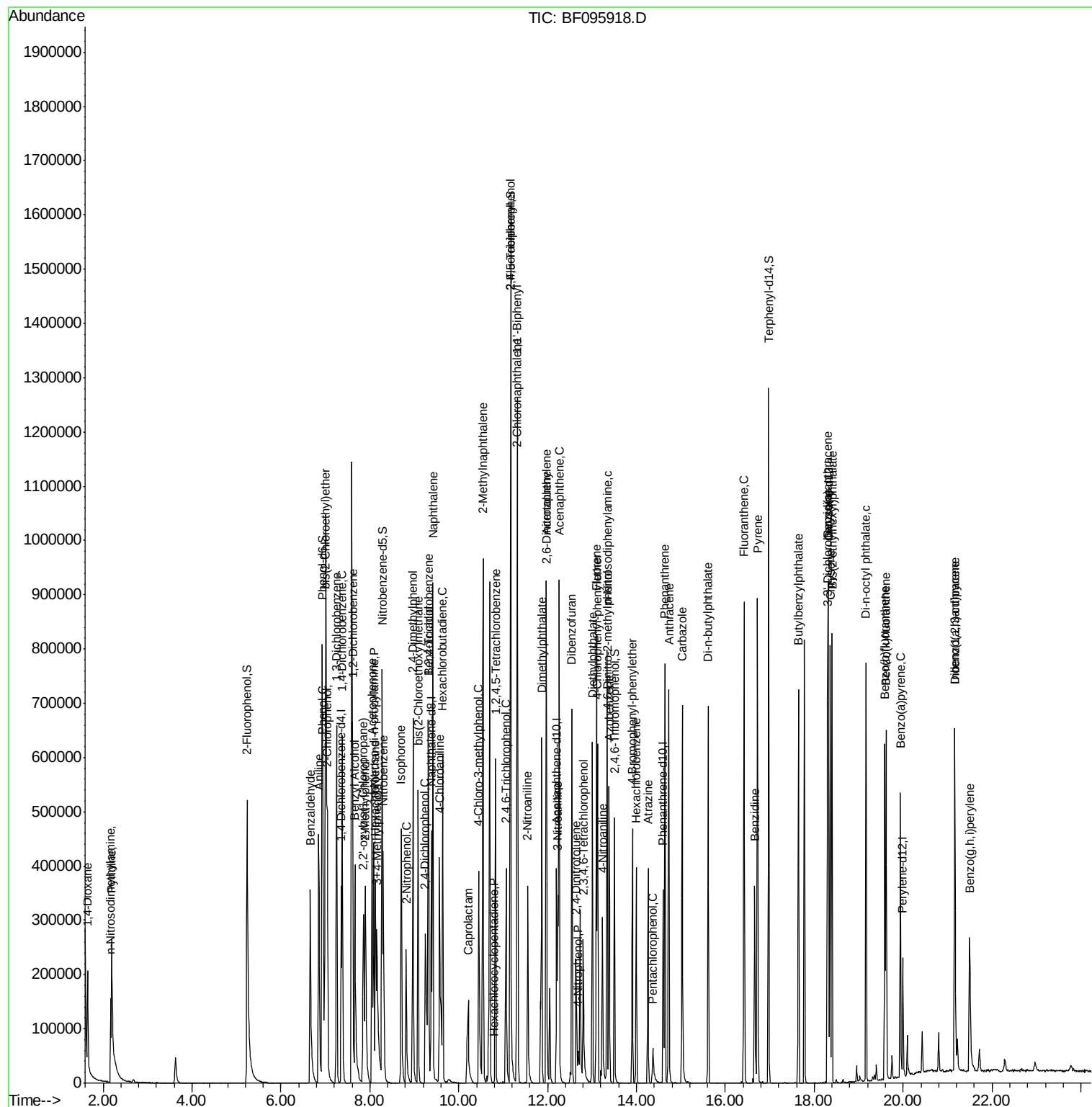
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	90432	42.24	nq	97
43) 2,4,5-Trichlorophenol	11.16	196	90053	39.55	nq	94
45) 1,1'-Biphenyl	11.32	154	397590	43.36	nq	98
46) 2-Chloronaphthalene	11.33	162	303456	42.35	nq	96
47) 2-Nitroaniline	11.55	65	92732	44.23	nq	# 82
48) Acenaphthylene	11.98	152	482921	39.42	nq	99
49) Dimethylphthalate	11.87	163	364156	43.11	nq	100
50) 2,6-Dinitrotoluene	11.96	165	67570	36.67	nq	# 78
51) Acenaphthene	12.26	154	276015	39.01	nq	98
52) 3-Nitroaniline	12.23	138	93242	43.43	nq	91
54) Dibenzofuran	12.55	168	389482	39.11	nq	98
55) 4-Nitrophenol	12.69	139	39831	34.57	nq	# 80
56) 2,4-Dinitrotoluene	12.64	165	84486	33.95	nq	# 88
57) Fluorene	13.10	166	328942	37.96	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.80	232	58711	37.68	nq	# 91
59) Diethylphthalate	13.01	149	337859	41.56	nq	99
60) 4-Chlorophenyl-phenylether	13.13	204	147185	39.05	nq	92
61) 4-Nitroaniline	13.23	138	88787	44.30	nq	96
62) Azobenzene	13.39	77	267784	36.34	nq	93
64) 4,6-Dinitro-2-methylphenol	13.35	198	2955	2.58	nq	# 1
65) n-Nitrosodiphenylamine	13.34	169	270665	43.18	nq	99
66) 4-Bromophenyl-phenylether	13.91	248	76747	42.33	nq	96
67) Hexachlorobenzene	14.00	284	74184	41.53	nq	# 92
68) Atrazine	14.26	200	67631	38.77	nq	97
69) Pentachlorophenol	14.37	266	18136	31.17	nq	93
70) Phenanthrene	14.64	178	419365	41.67	nq	97
71) Anthracene	14.73	178	437304	41.62	nq	97
72) Carbazole	15.03	167	443060	43.27	nq	97
73) Di-n-butylphthalate	15.62	149	486993	44.70	nq	# 98
74) Fluoranthene	16.42	202	436381	43.80	nq	99
76) Benzidine	16.66	184	229276	42.08	nq	# 92
77) Pyrene	16.72	202	455467	43.03	nq	99
79) Butylbenzylphthalate	17.64	149	208722	45.15	nq	88
80) Benzo(a)anthracene	18.31	228	343191	41.61	nq	98
81) 3,3'-Dichlorobenzidine	18.30	252	134611	45.90	nq	# 94
82) Chrysene	18.36	228	338777	41.10	nq	97
83) Bis(2-ethylhexyl)phthalate	18.40	149	294773	45.20	nq	# 99
84) Di-n-octyl phthalate	19.16	149	479459	44.62	nq	96
85) Indeno(1,2,3-cd)pyrene	21.16	276	235527	33.39	nq	100
87) Benzo(b)fluoranthene	19.59	252	262454	40.51	nq	98
88) Benzo(k)fluoranthene	19.62	252	281289	45.42	nq	96
89) Benzo(a)pyrene	19.94	252	247173	41.50	nq	98
90) Dibenzo(a,h)anthracene	21.16	278	203247	40.23	nq	98
91) Benzo(g,h,i)perylene	21.49	276	200708	38.97	nq	99

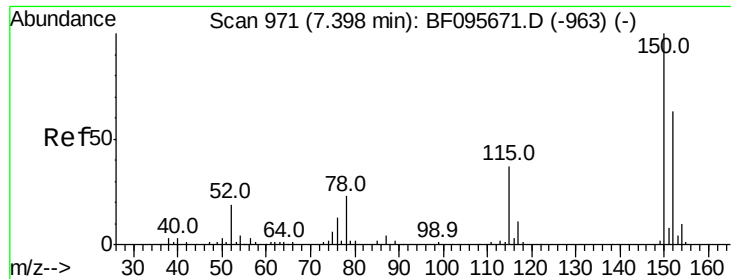
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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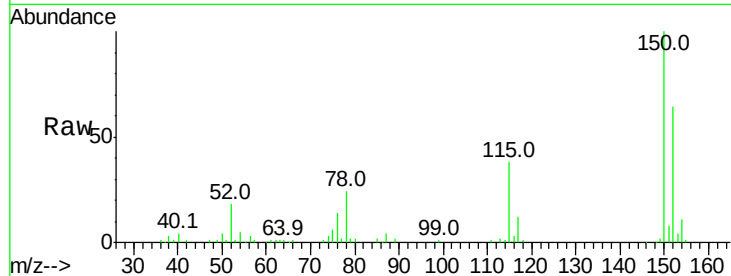


#1

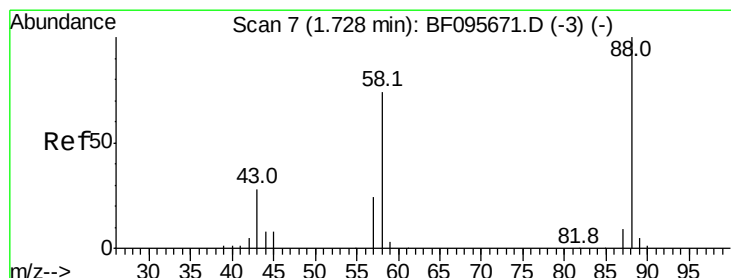
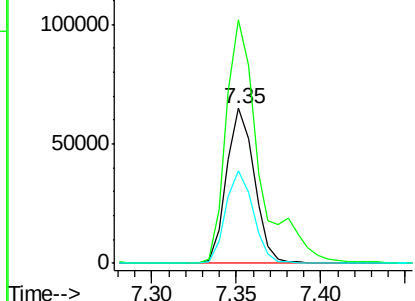
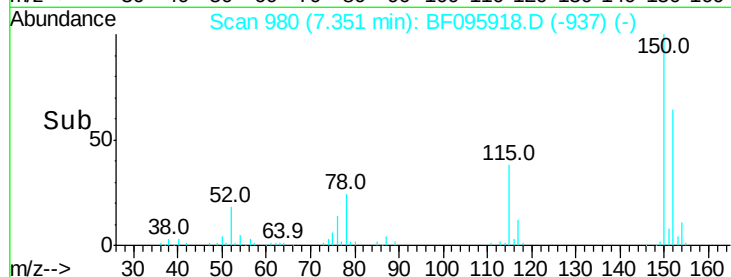
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74258
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 59.8 52.2 78.2



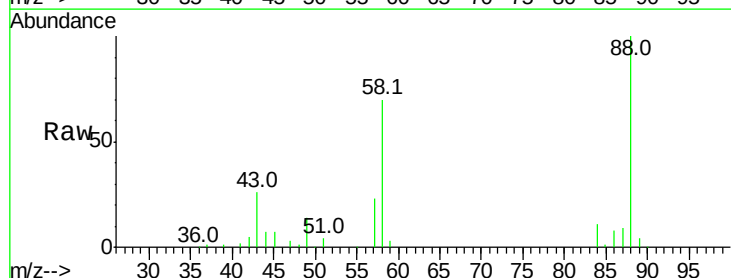
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



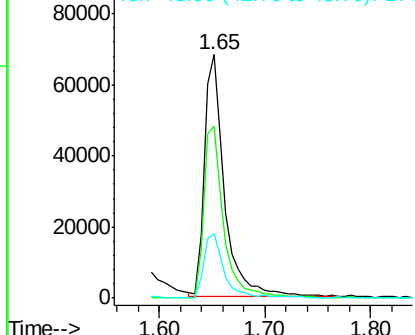
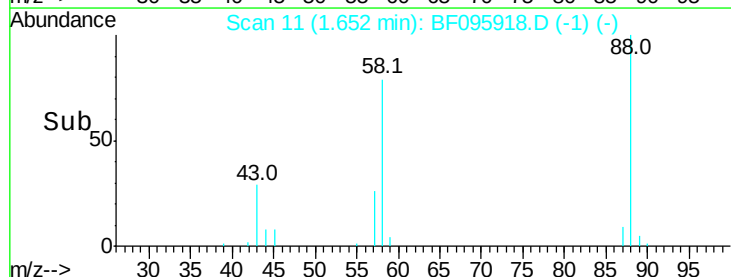
#2

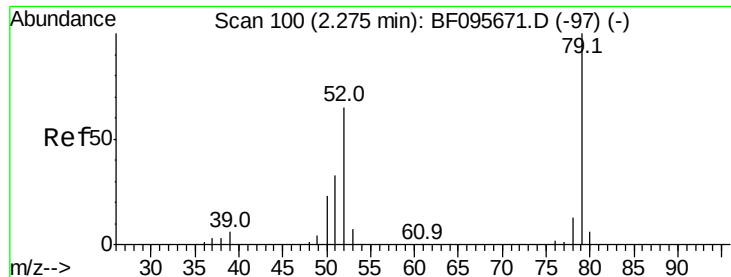
1,4-Dioxane
Concen: 39.78 ng
RT: 1.65 min Scan# 11
Delta R.T. -0.08 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion: 88 Resp: 88180
Ion Ratio Lower Upper
88 100
58 71.2 61.4 92.0
43 27.1 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.48 ng

RT: 2.19 min Scan# 103

Delta R.T. -0.08 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampled :

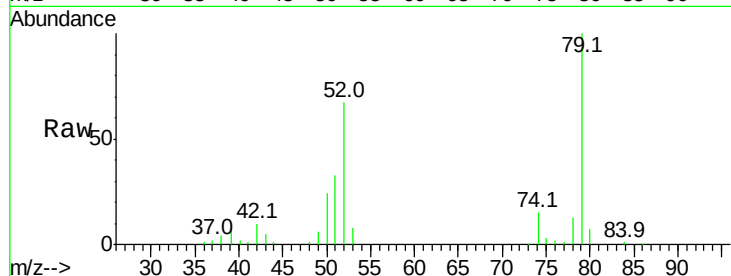
Tot Ion: 79 Resp: 221327

Ion Ratio Lower Upper

79 100

52 67.3 54.8 82.2

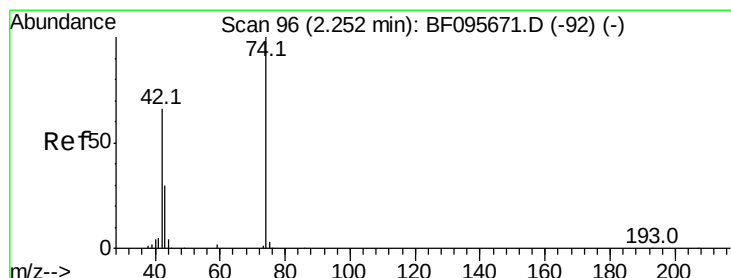
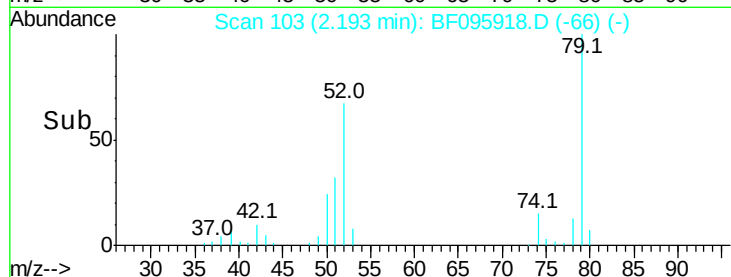
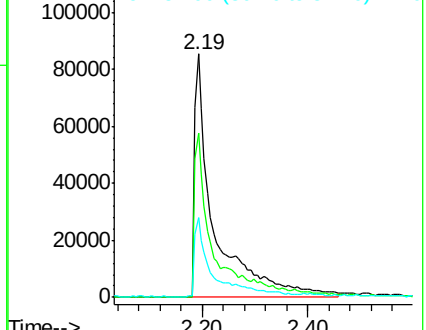
51 33.0 27.0 40.4



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: 42.05 ng

RT: 2.17 min Scan# 99

Delta R.T. -0.08 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

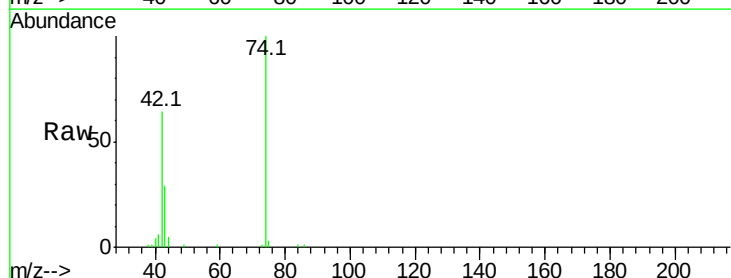
Tgt Ion: 42 Resp: 83294

Ion Ratio Lower Upper

42 100

74 155.1 103.9 155.9

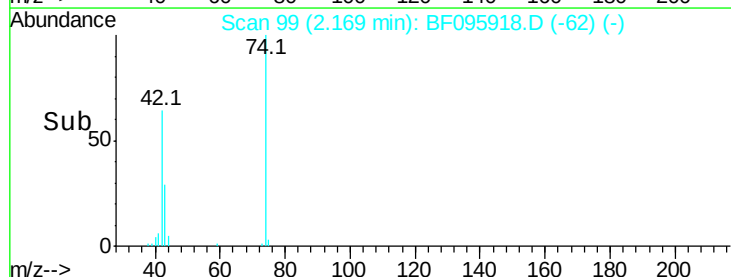
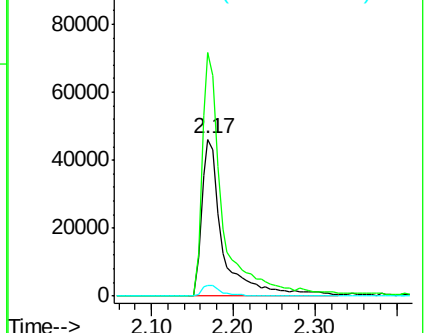
44 7.0 5.7 8.5

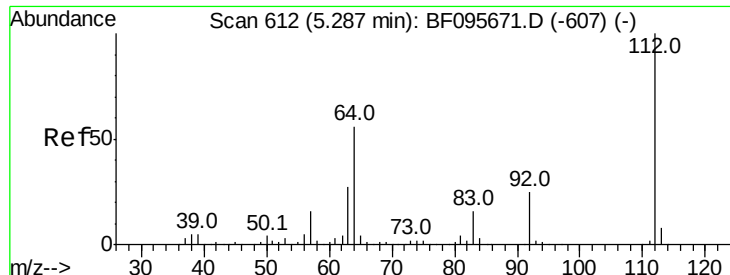


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 88.10 ng

RT: 5.23 min Scan# 620

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampled :

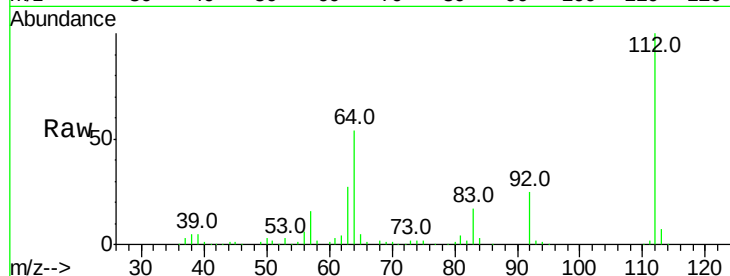
Tot Ion:112 Resp: 410542

Ion Ratio Lower Upper

112 100

64 54.3 46.0 69.0

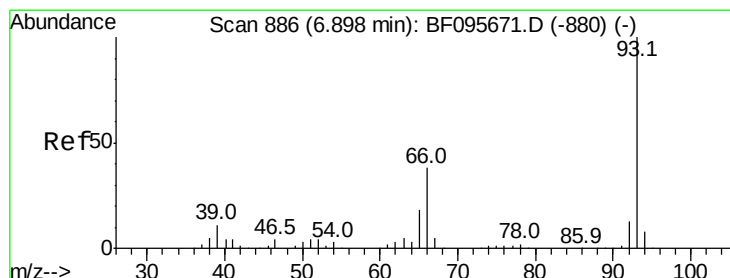
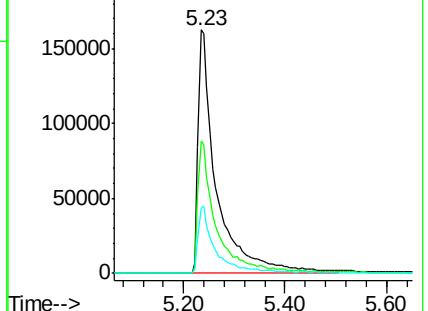
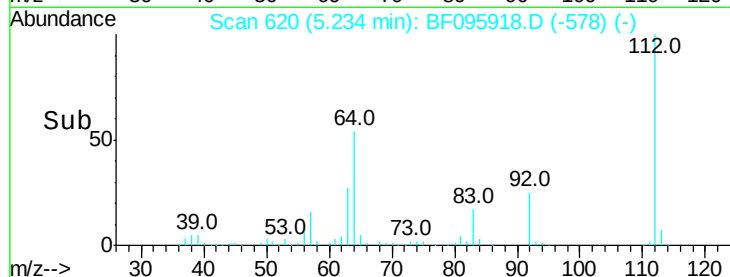
63 27.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.83 ng

RT: 6.85 min Scan# 895

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

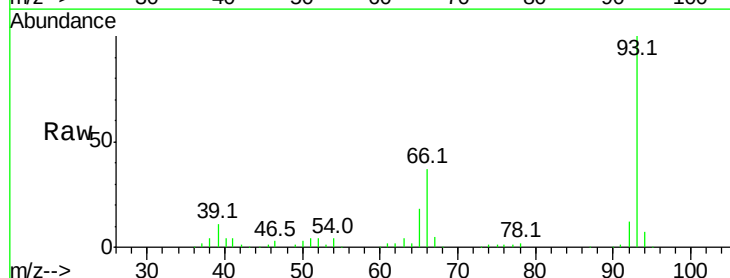
Tgt Ion: 93 Resp: 298034

Ion Ratio Lower Upper

93 100

66 37.3 32.9 49.3

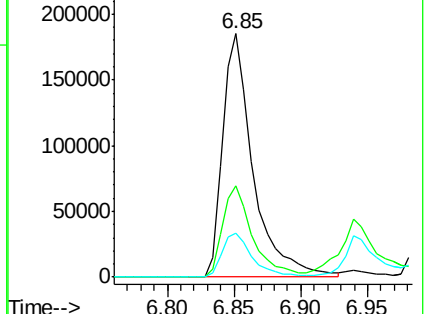
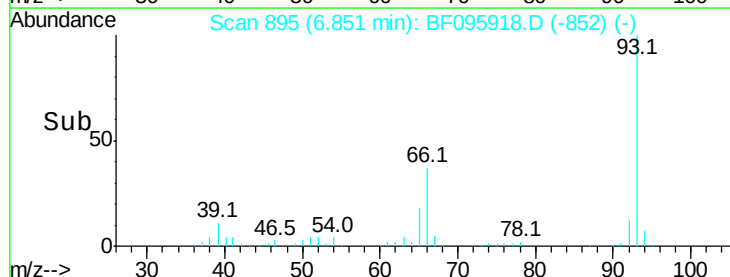
65 18.2 16.0 24.0

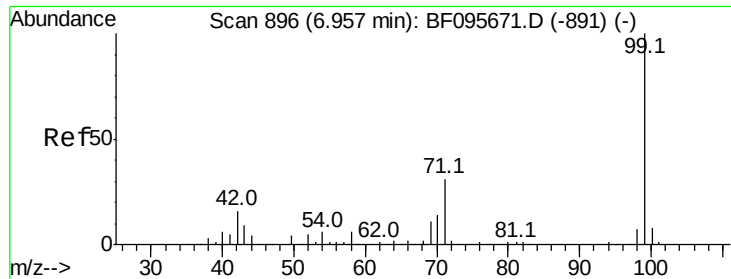


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.00 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

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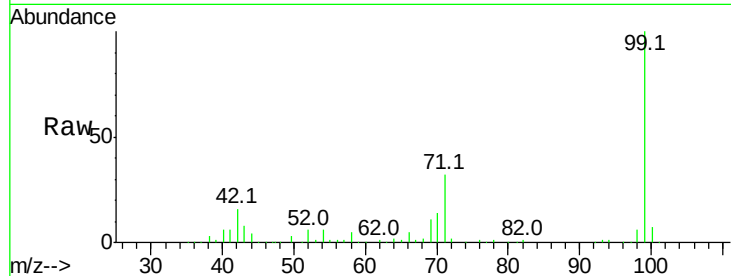
Tot Ion: 99 Resp: 468635

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

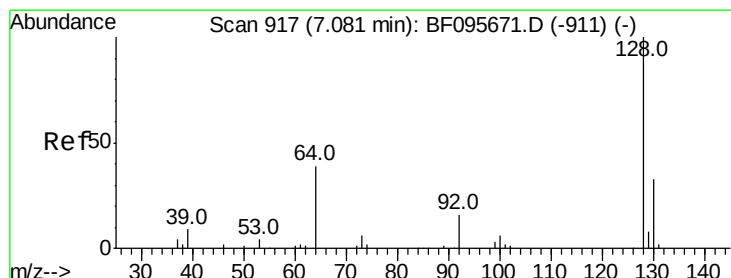
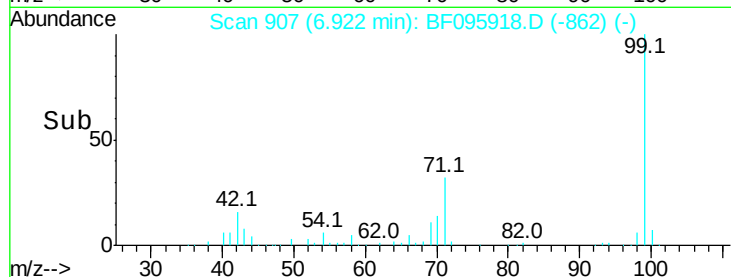
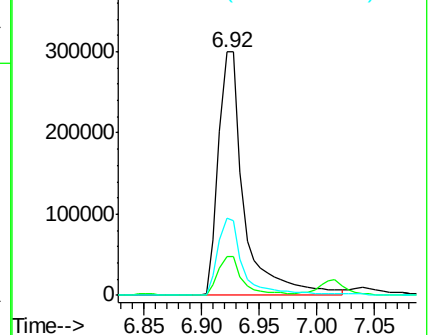
71 31.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.87 ng

RT: 7.04 min Scan# 927

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

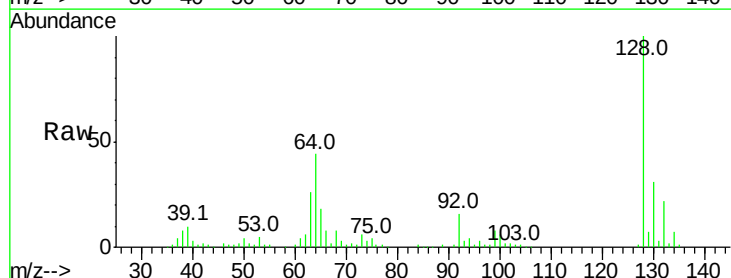
Tgt Ion: 128 Resp: 207474

Ion Ratio Lower Upper

128 100

130 30.6 12.9 52.9

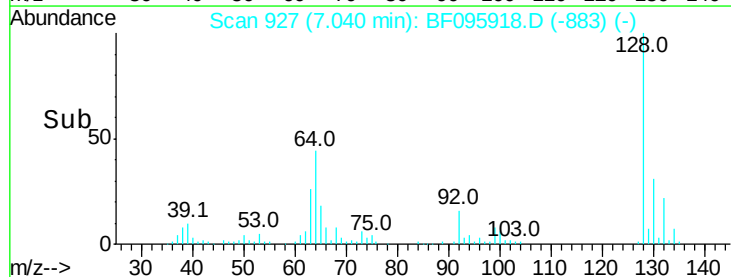
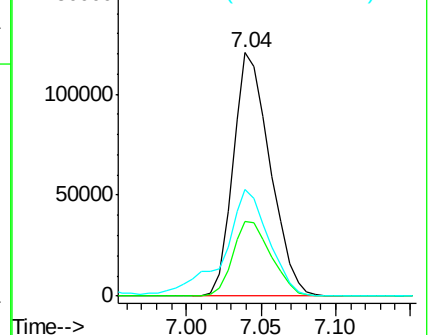
64 43.7 28.4 68.4

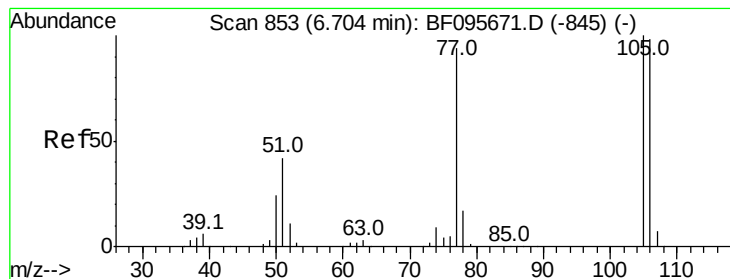


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.55 ng

RT: 6.66 min Scan# 862

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampled :

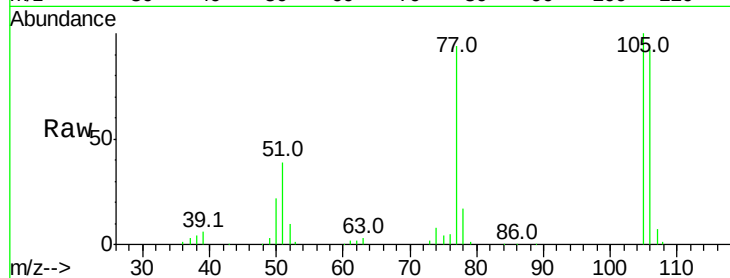
Tot Ion: 77 Resp: 145085

Ion Ratio Lower Upper

77 100

105 106.0 83.8 123.8

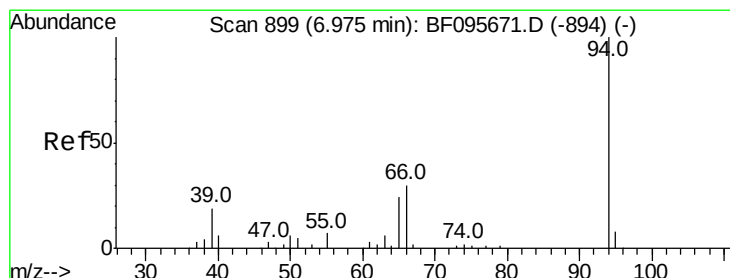
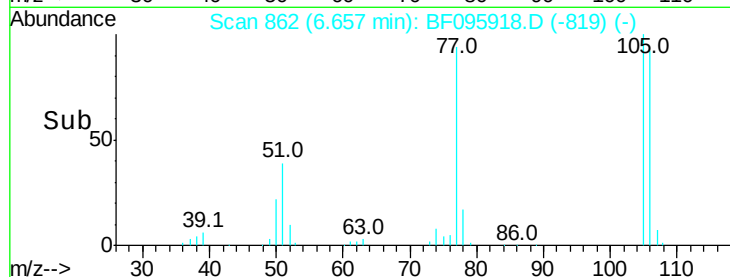
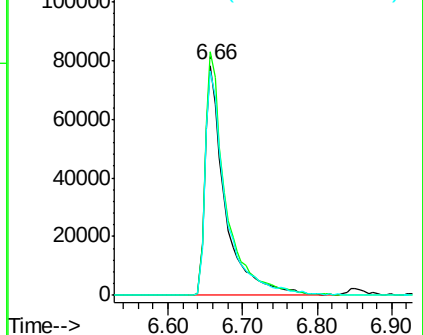
106 97.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.81 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

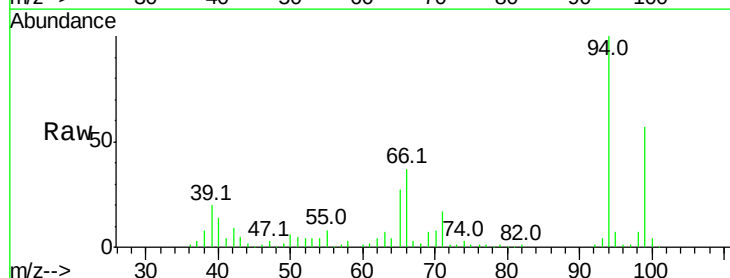
Tgt Ion: 94 Resp: 241980

Ion Ratio Lower Upper

94 100

65 26.8 9.9 49.9

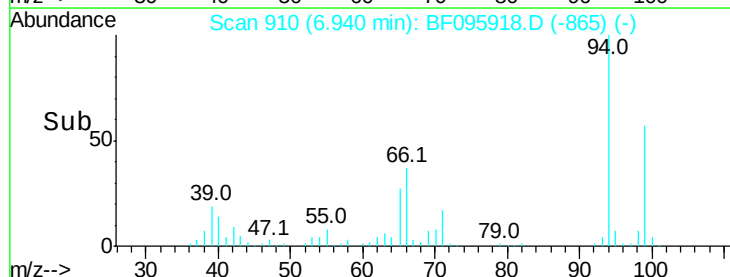
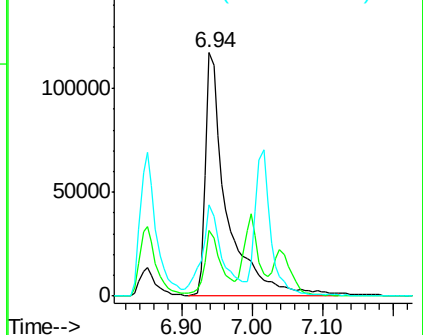
66 37.4 23.1 63.1

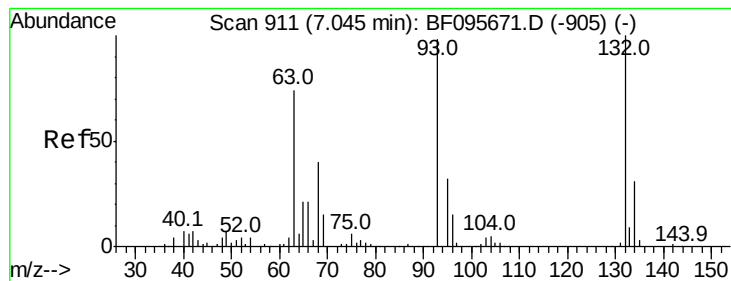


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

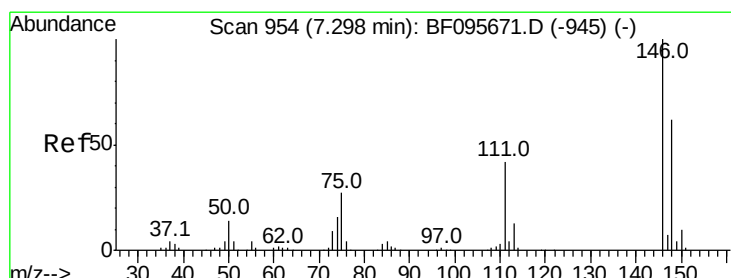
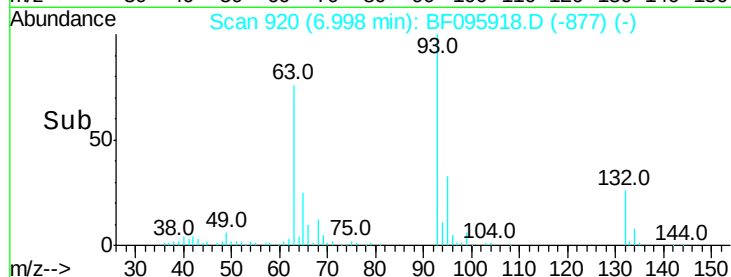
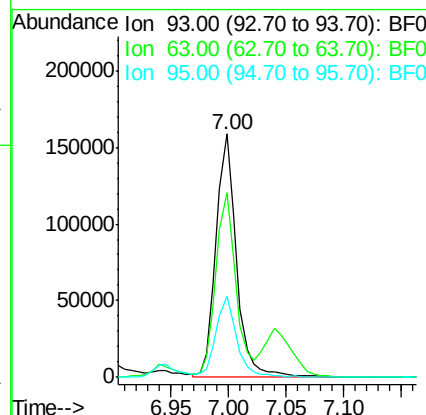
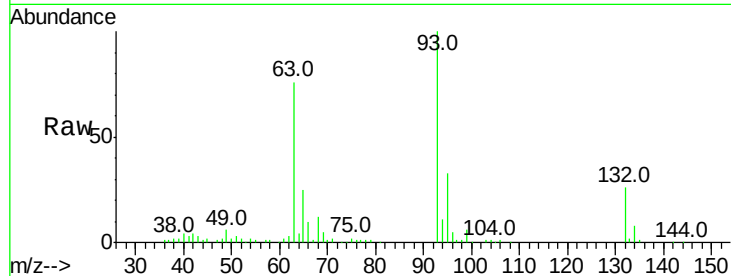




#11
bis(2-Chloroethyl)ether
Concen: 42.78 ng
RT: 7.00 min Scan# 920
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

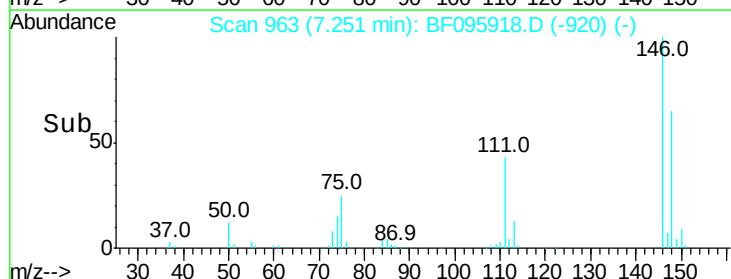
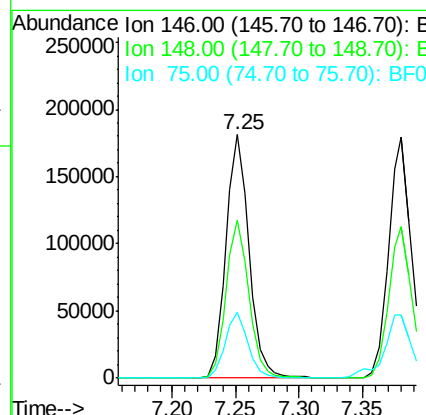
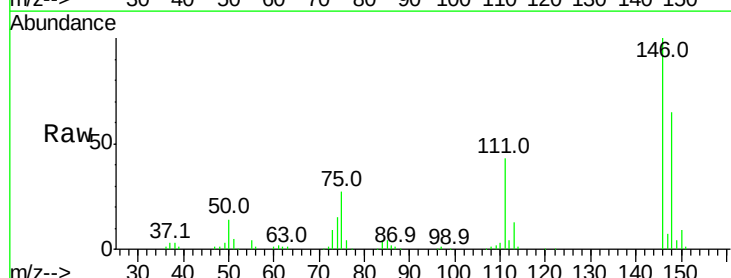
Instrument :
BNA_F
ClientSampleId :

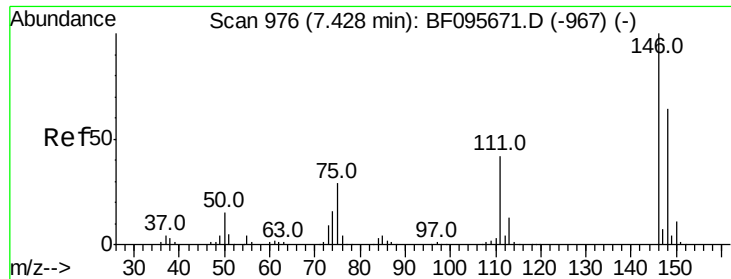
Tot Ion: 93 Resp: 196111
Ion Ratio Lower Upper
93 100
63 75.8 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 7.25 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion: 146 Resp: 228308
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.6
75 27.2 23.1 34.7

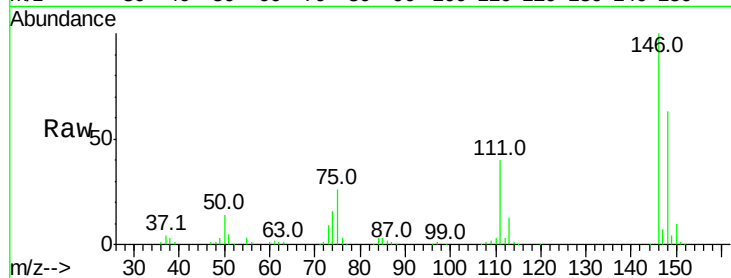




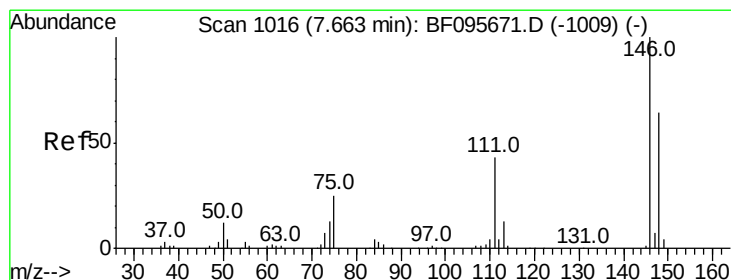
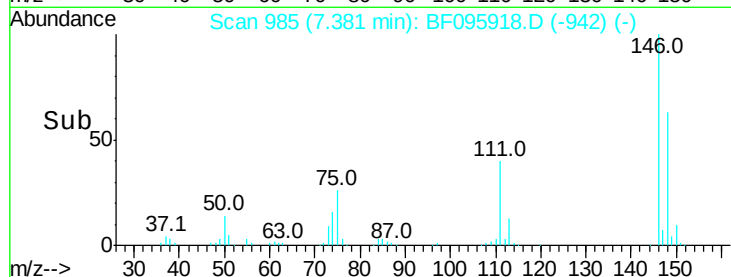
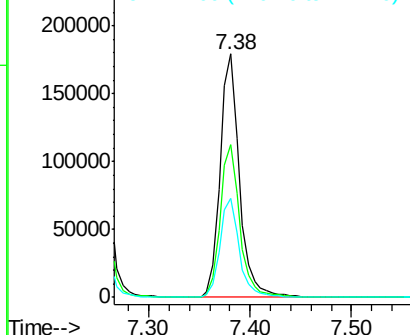
#13
 1,4-Dichlorobenzene
 Concen: 41.87 ng
 RT: 7.38 min Scan# 985
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 238152
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.2
 111 40.5 30.3 45.5

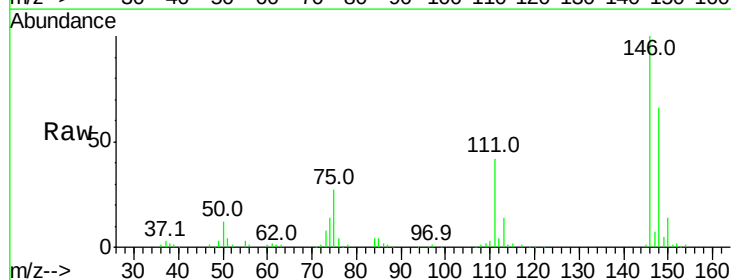


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

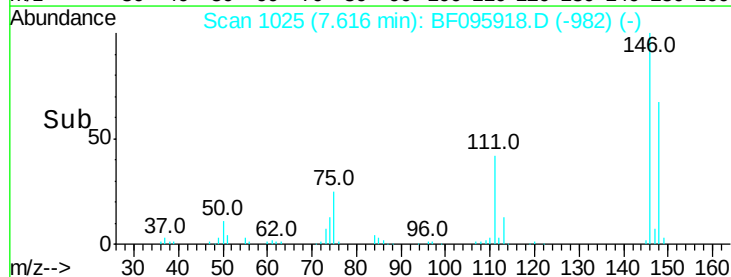
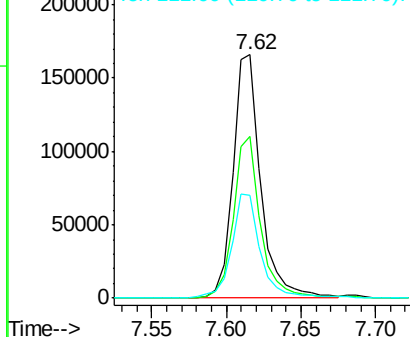


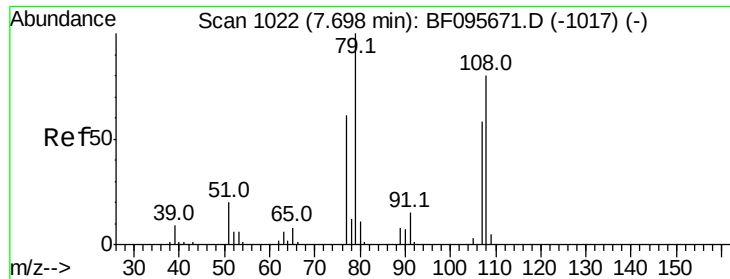
#14
 1,2-Dichlorobenzene
 Concen: 41.27 ng
 RT: 7.62 min Scan# 1025
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion:146 Resp: 216397
 Ion Ratio Lower Upper
 146 100
 148 66.4 50.4 75.6
 111 42.0 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

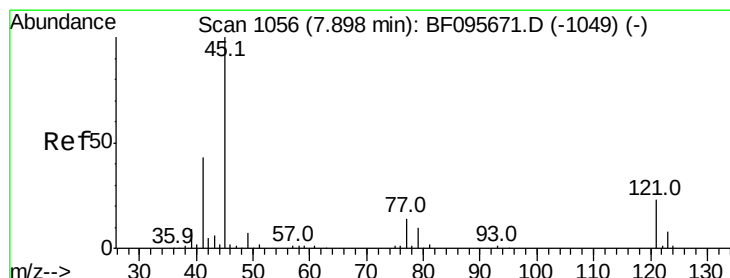
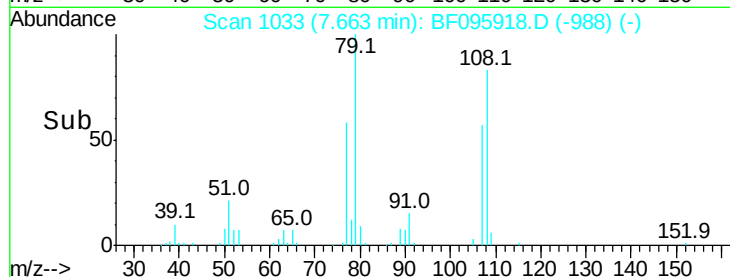
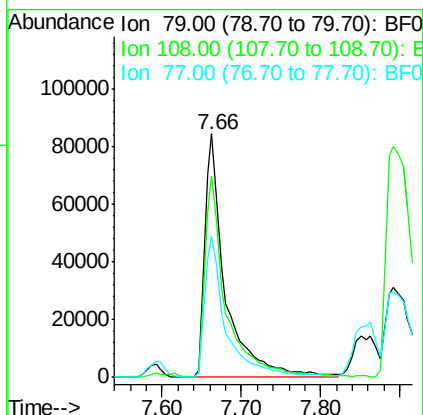
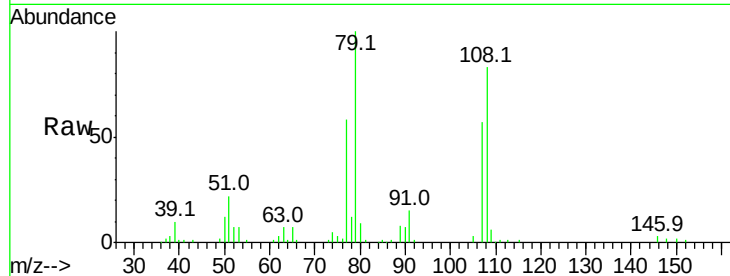




#15
Benzyl Alcohol
Concen: 39.97 ng
RT: 7.66 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

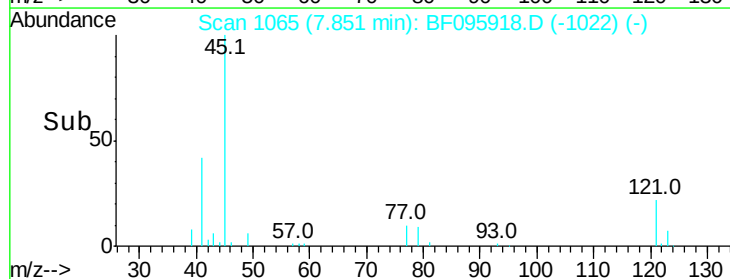
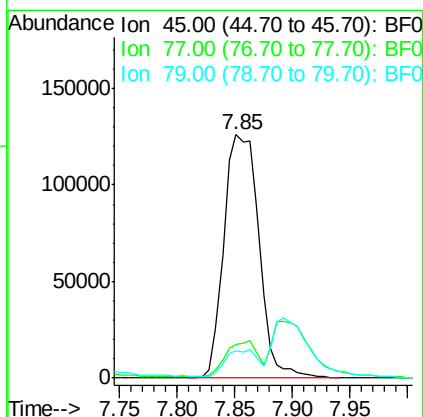
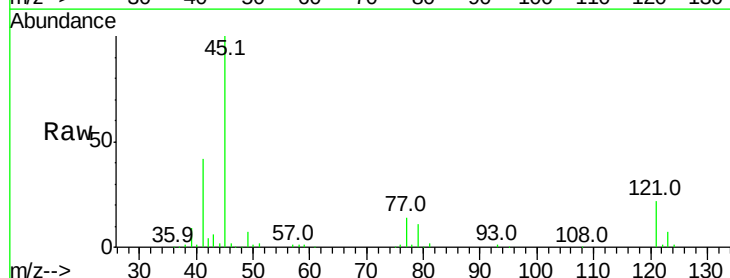
Instrument :
BNA_F
ClientSampleId :

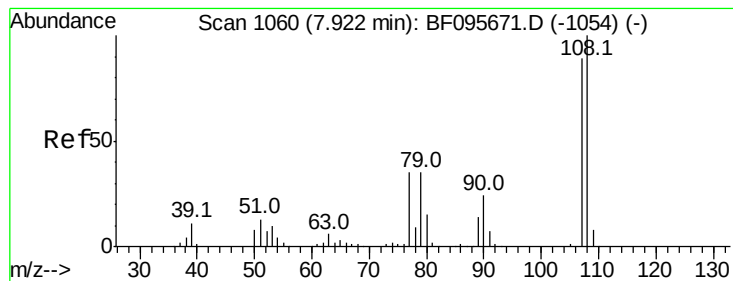
Tot Ion: 79 Resp: 153069
Ion Ratio Lower Upper
79 100
108 82.6 63.4 95.0
77 58.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.20 ng
RT: 7.85 min Scan# 1065
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion: 45 Resp: 265388
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.2
79 11.5 0.0 30.0

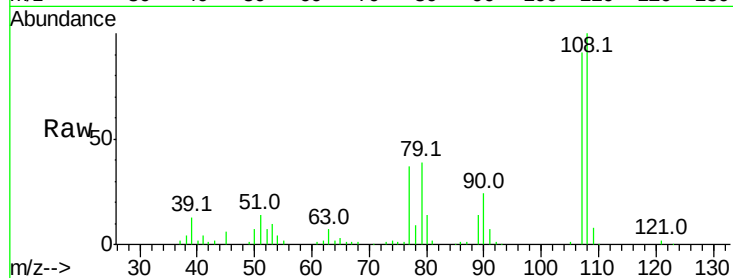




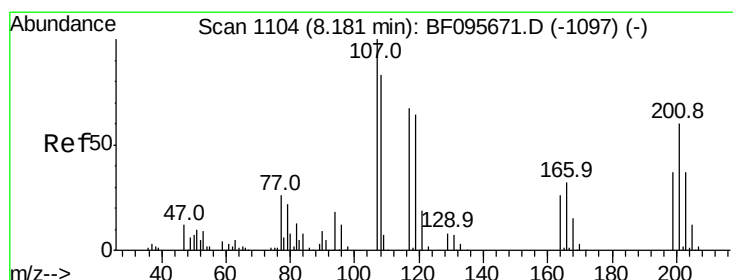
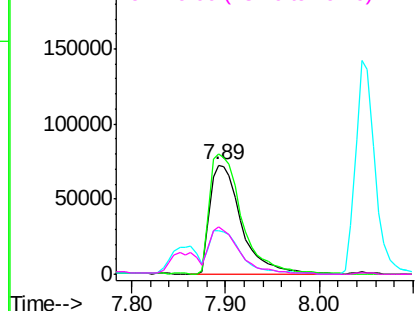
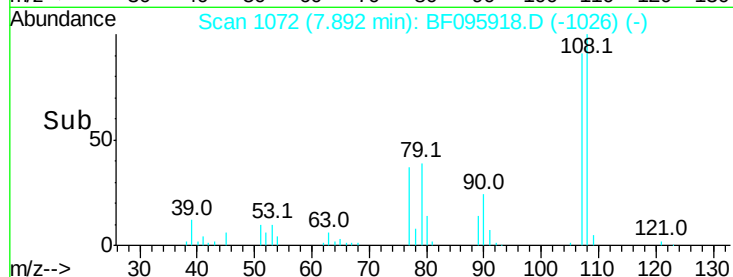
#17
2-Methylphenol
Concen: 41.42 ng
RT: 7.89 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 172246
Ion Ratio Lower Upper
107 100
108 110.4 93.4 140.0
77 40.5 35.8 53.6
79 43.1 34.8 52.2

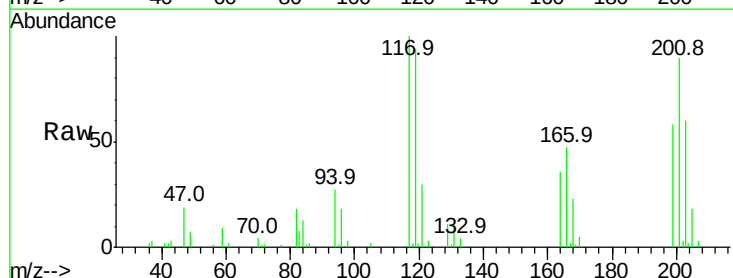


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

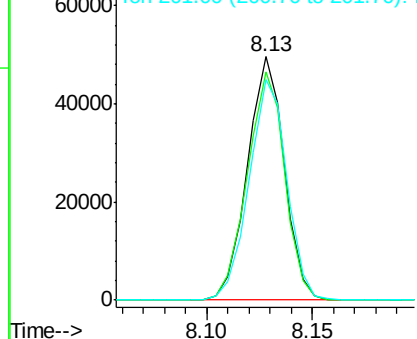
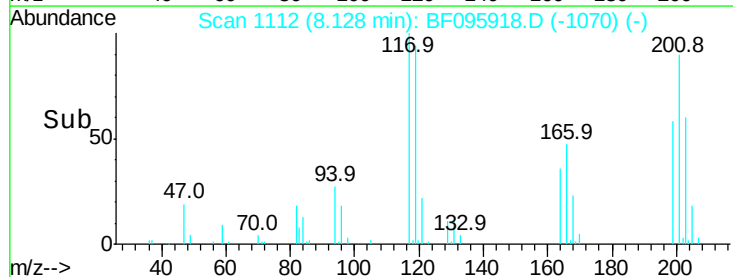


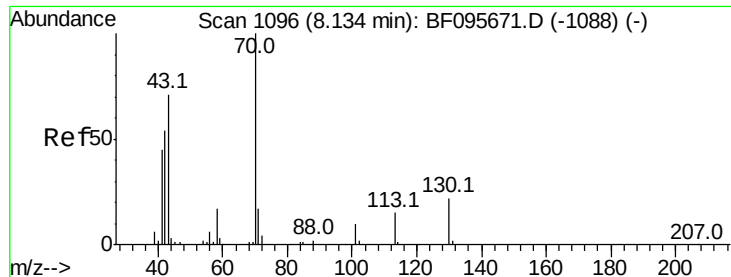
#18
Hexachloroethane
Concen: 32.01 ng
RT: 8.13 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:117 Resp: 60129
Ion Ratio Lower Upper
117 100
119 93.8 77.4 116.0
201 90.4 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

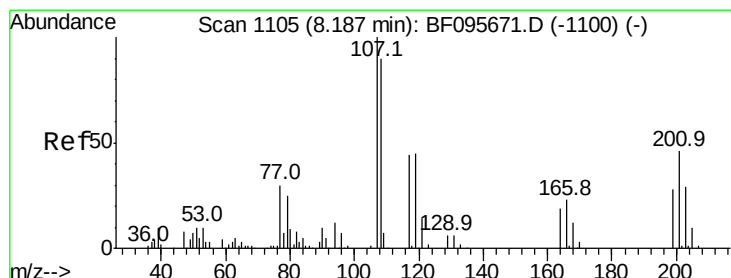
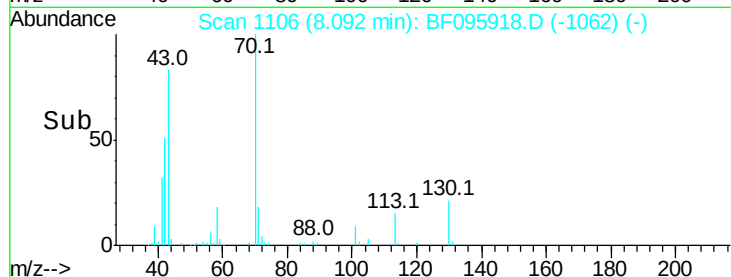
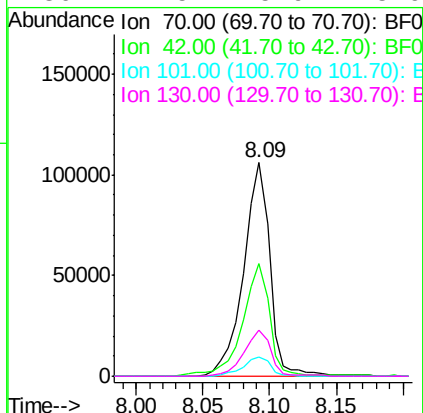
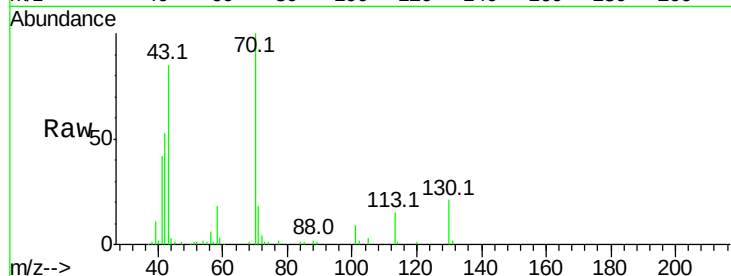




#19
n-Nitroso-di-n-propylamine
Concen: 40.73 ng
RT: 8.09 min Scan# 1106
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

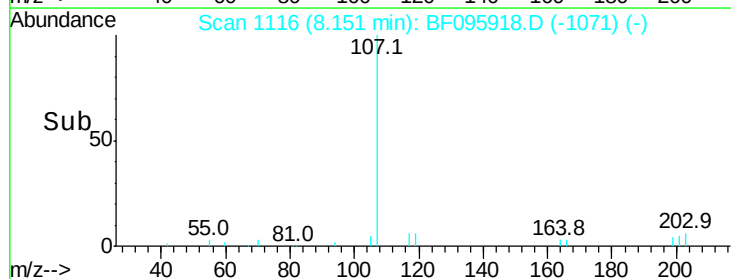
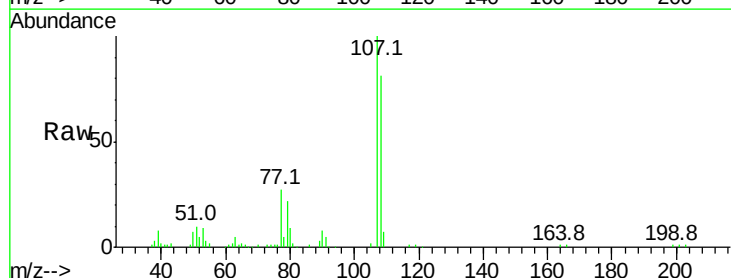
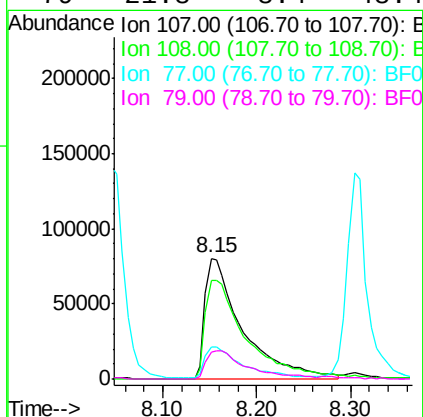
Instrument :
BNA_F
ClientSampleId :

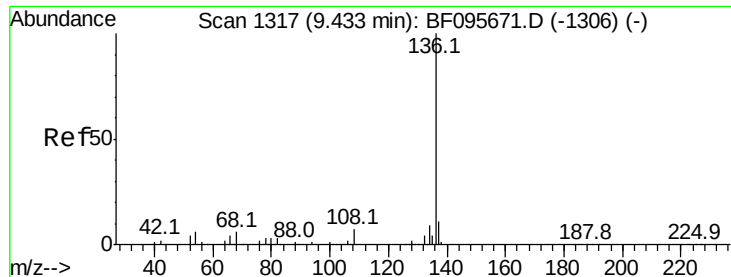
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.2	70.8
101	9.3	7.2	10.8
130	21.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.60 ng
RT: 8.15 min Scan# 1116
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.0	71.0	111.0
77	26.6	90.5	130.5#
79	21.8	8.4	48.4

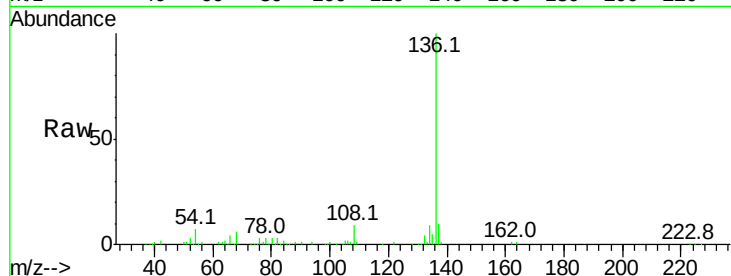




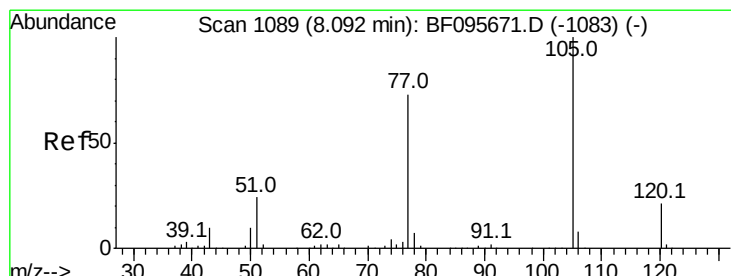
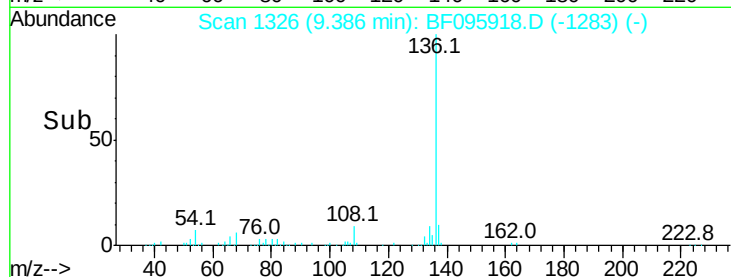
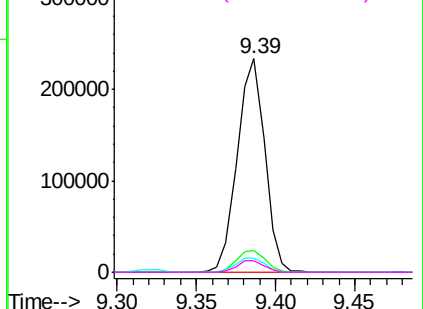
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	281085
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.5 12.7
54	6.6	4.9 7.3
68	5.5	4.1 6.1

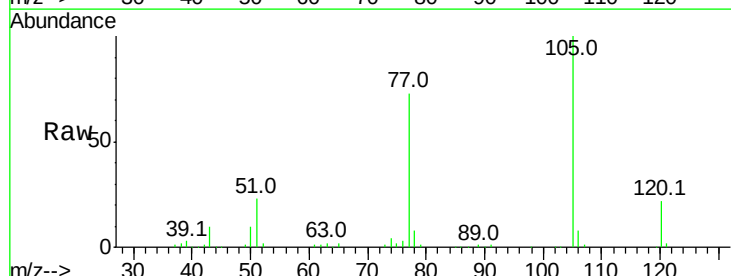


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

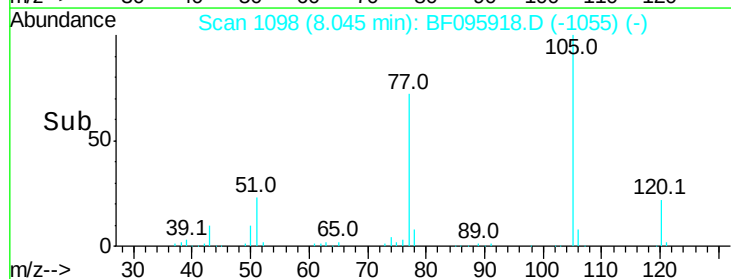
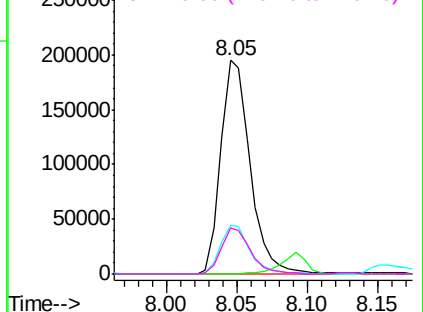


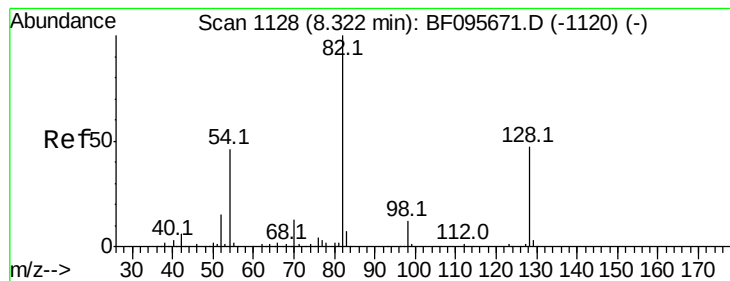
#22
Acetophenone
Concen: 43.12 ng
RT: 8.05 min Scan# 1098
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:105	Resp:	283686
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	22.8	30.7 46.1#
120	21.8	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: 84.62 ng

RT: 8.28 min Scan# 1138

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

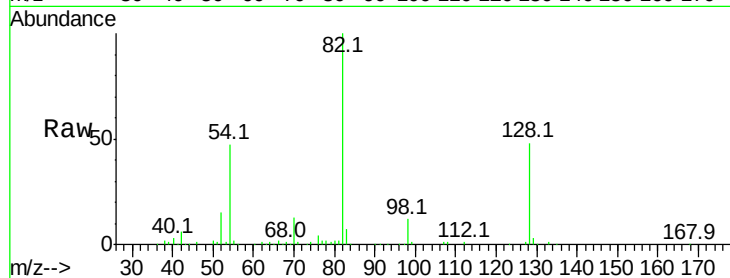
Tot Ion: 82 Resp: 382981

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

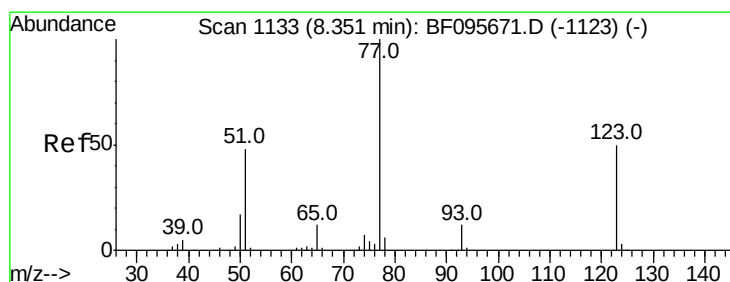
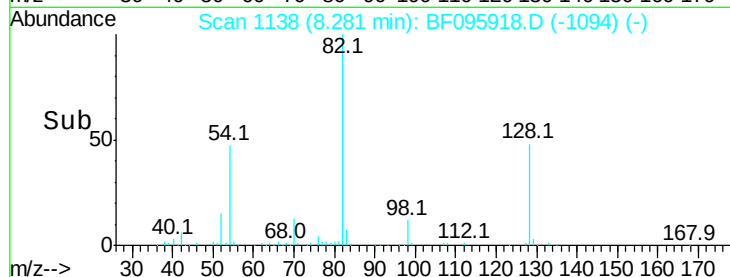
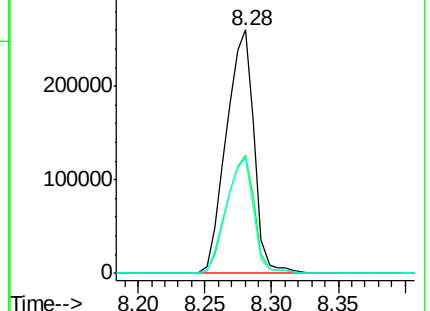
54 47.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.01 ng

RT: 8.30 min Scan# 1142

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

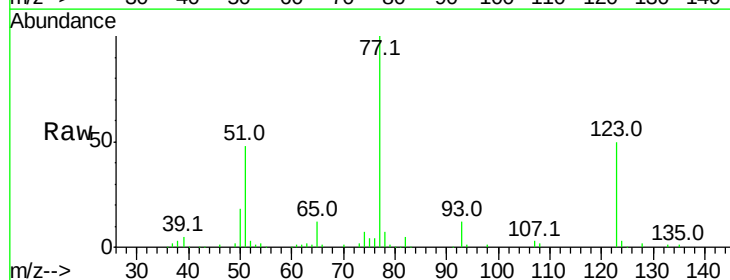
Tgt Ion: 77 Resp: 207960

Ion Ratio Lower Upper

77 100

123 49.9 35.8 53.8

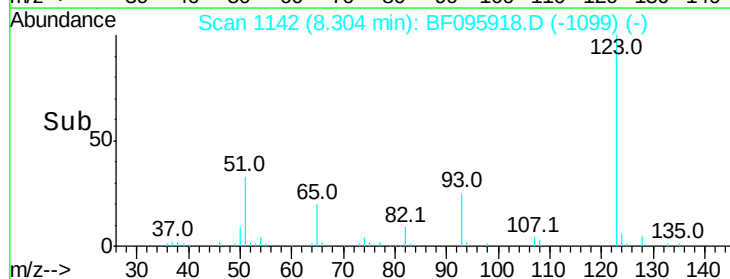
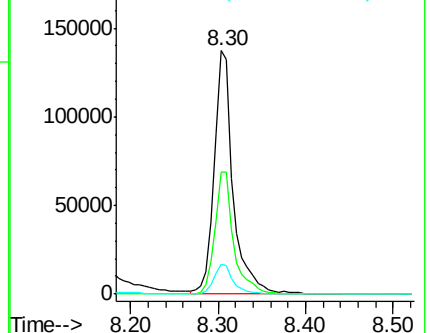
65 12.4 10.6 15.8

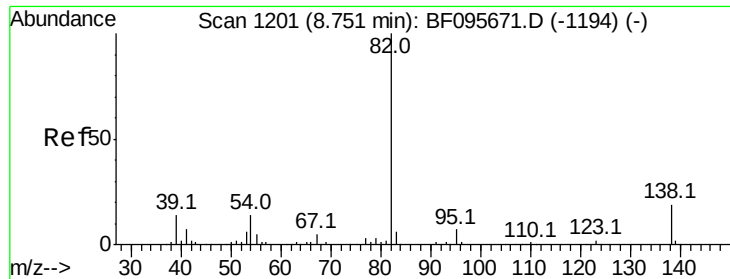


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.92 ng

RT: 8.71 min Scan# 1211

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

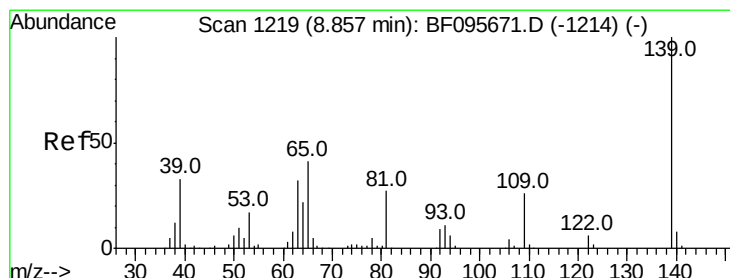
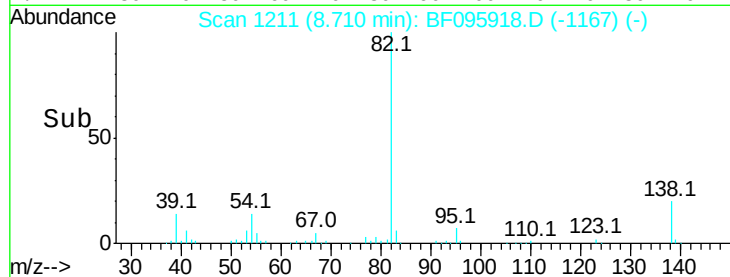
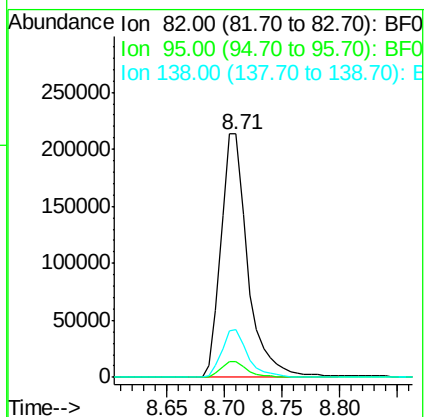
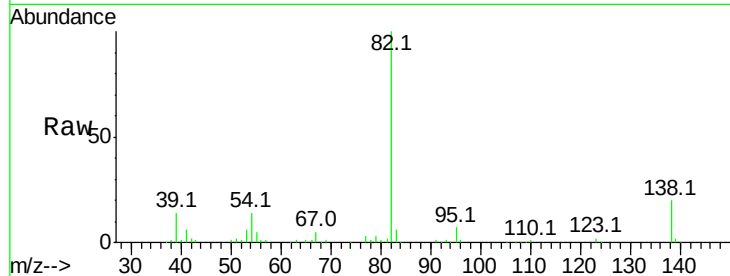
Tot Ion: 82 Resp: 345815

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 34.14 ng

RT: 8.82 min Scan# 1229

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

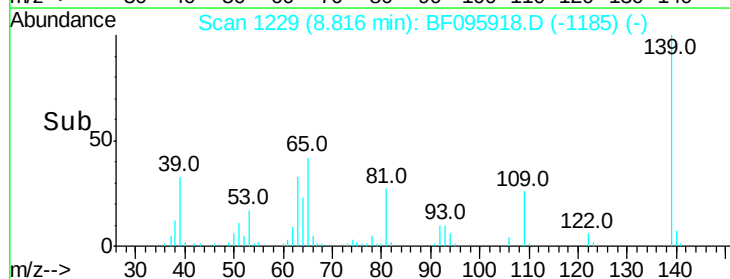
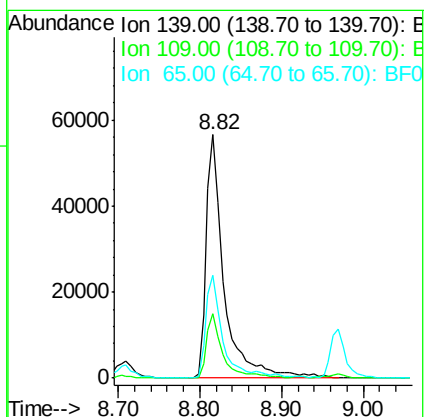
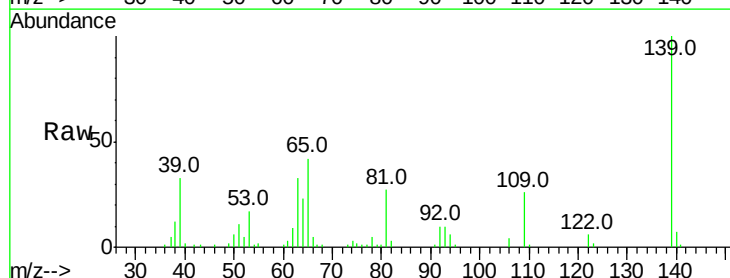
Tgt Ion: 139 Resp: 86440

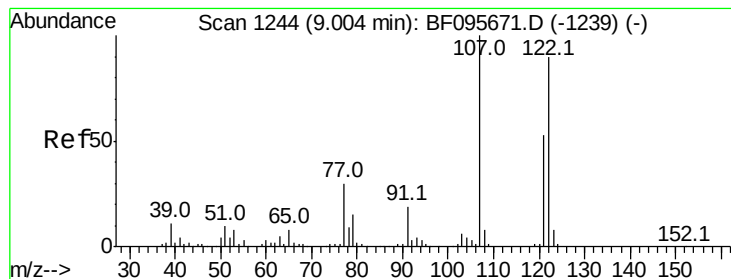
Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.6

65 42.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 42.96 ng

RT: 8.97 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

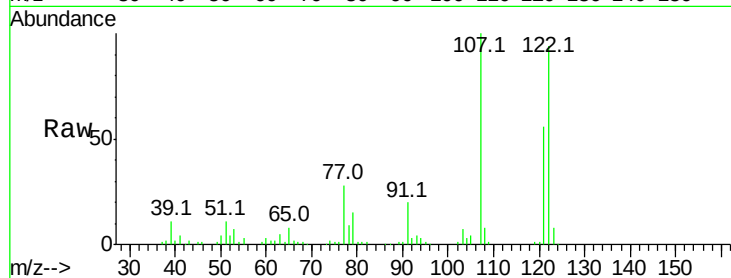
Tot Ion:122 Resp: 168801

Ion Ratio Lower Upper

122 100

107 106.3 89.2 133.8

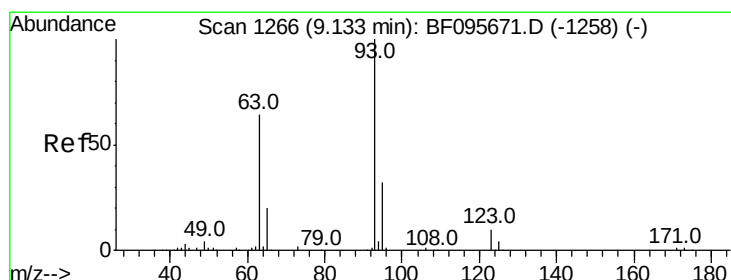
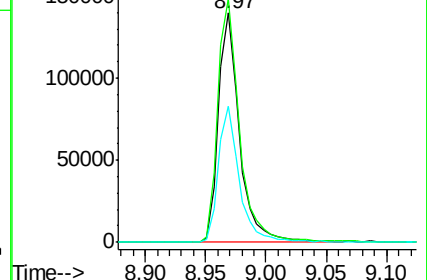
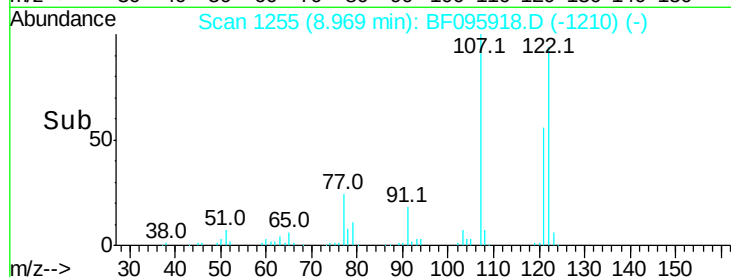
121 59.2 45.2 67.8



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: 42.83 ng

RT: 9.09 min Scan# 1275

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

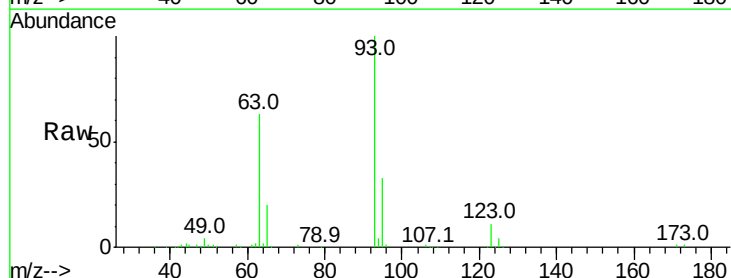
Tgt Ion: 93 Resp: 238584

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

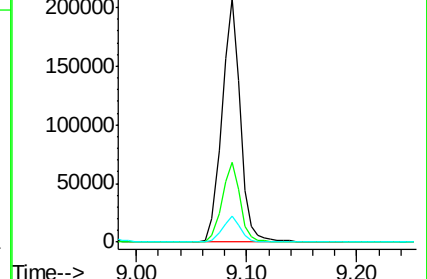
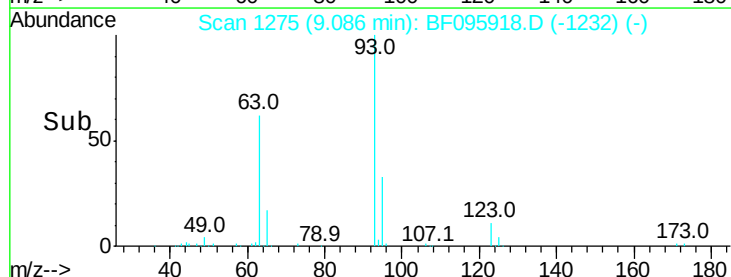
123 10.6 9.0 13.4

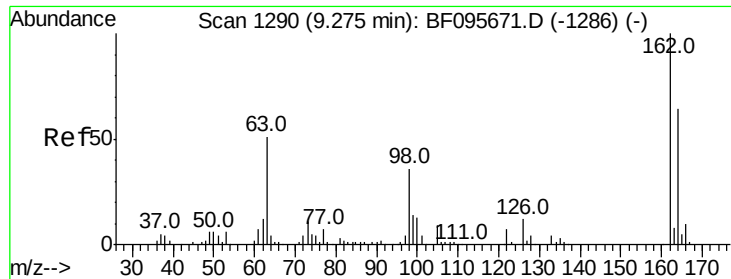


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

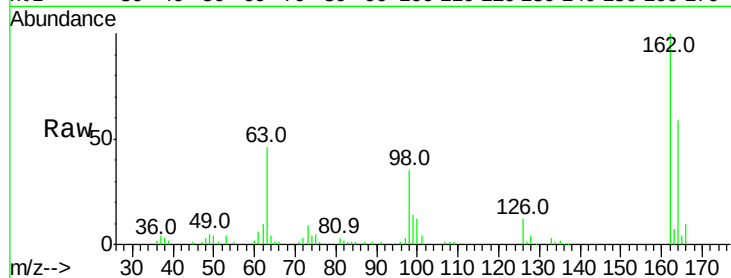




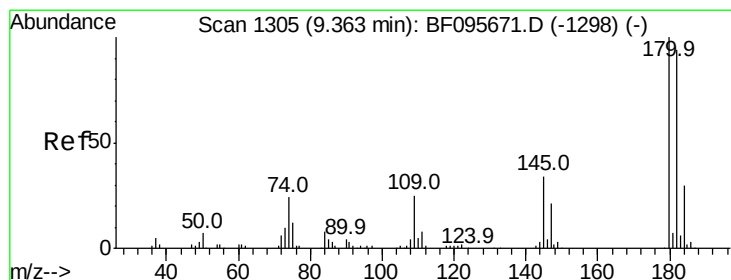
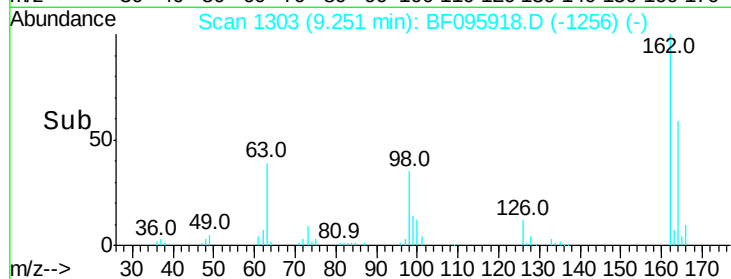
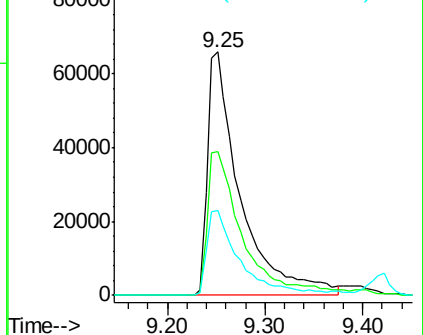
#29
 2,4-Dichlorophenol
 Concen: 40.37 ng
 RT: 9.25 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.1	44.6	84.6
98	34.7	14.8	54.8

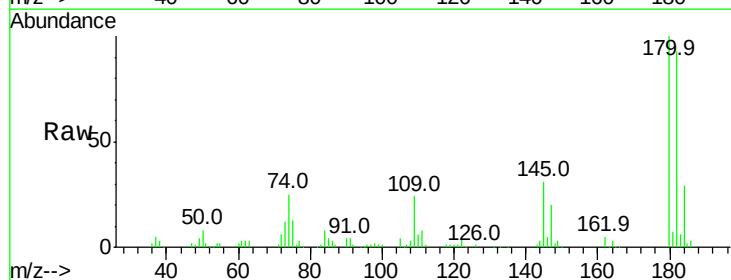


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

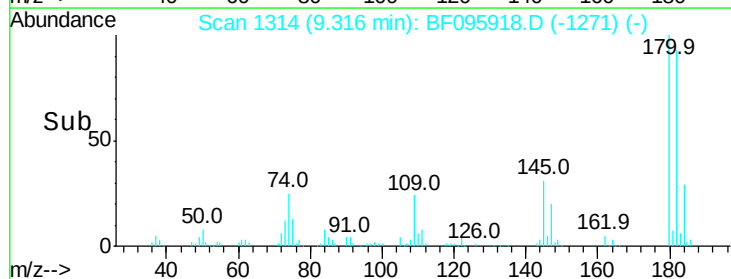
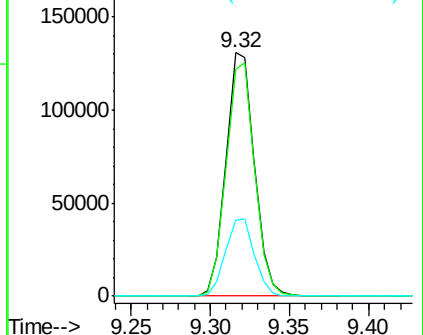


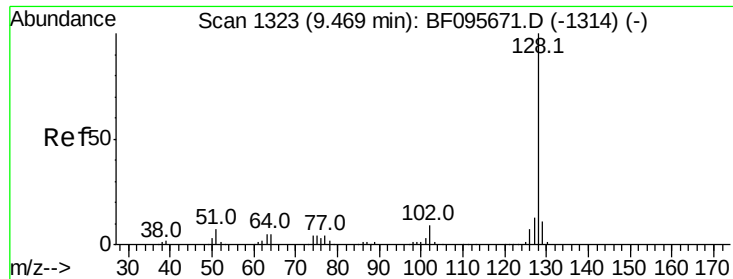
#30
 1,2,4-Trichlorobenzene
 Concen: 41.44 ng
 RT: 9.32 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.6
145	31.2	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

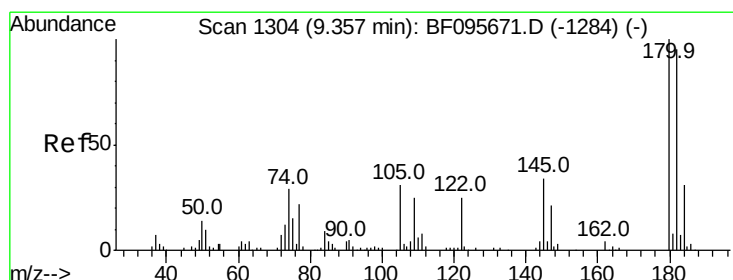
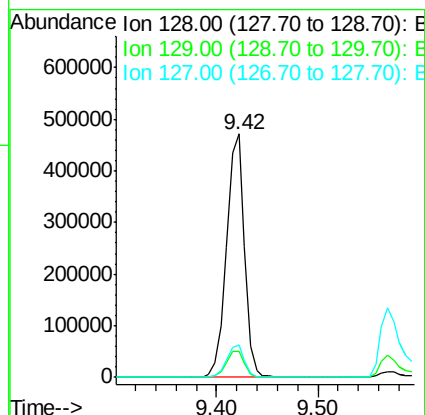
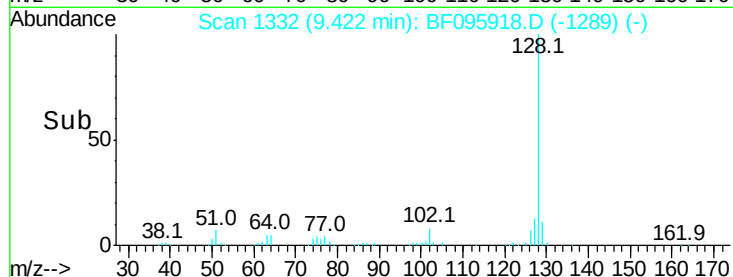
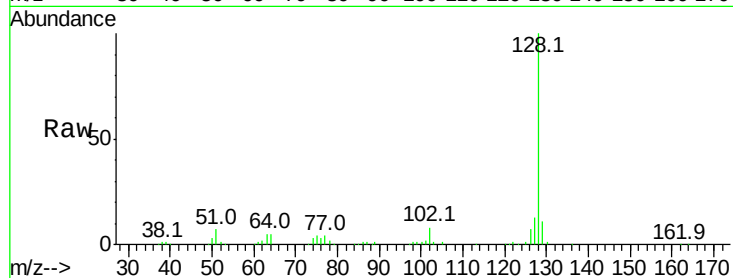




#31
Naphthalene
Concen: 40.94 ng
RT: 9.42 min Scan# 1332
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

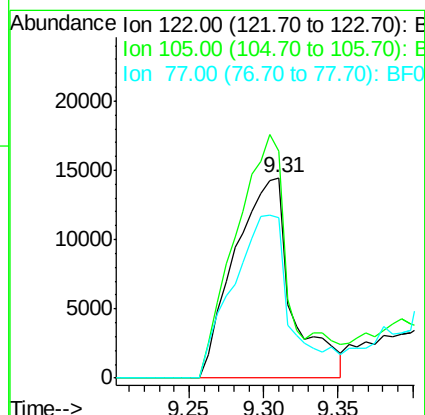
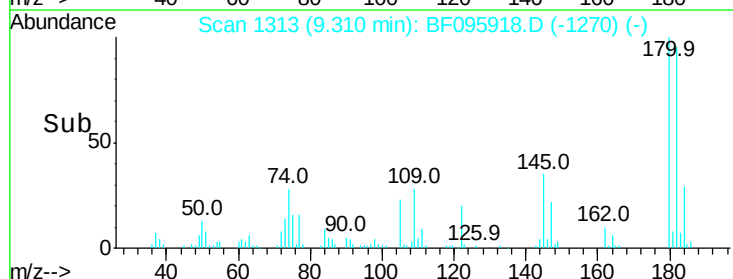
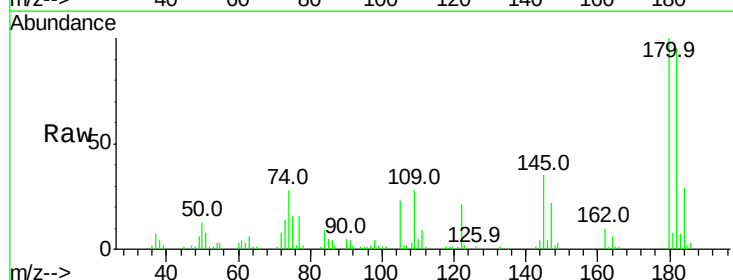
Instrument :
BNA_F
ClientSampleId :

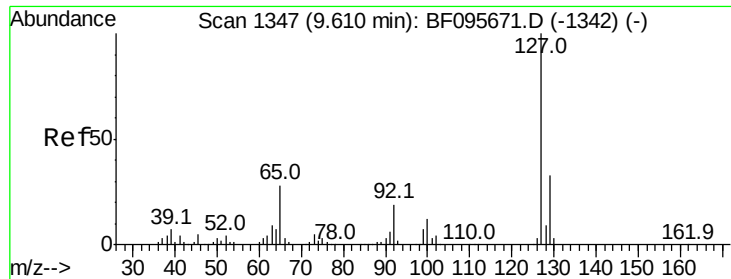
Tot Ion:128 Resp: 577469
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 19.16 ng
RT: 9.31 min Scan# 1313
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:122 Resp: 38605
Ion Ratio Lower Upper
122 100
105 113.3 103.3 143.3
77 80.3 73.7 113.7

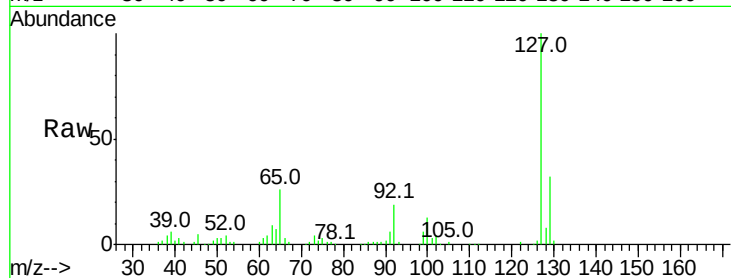




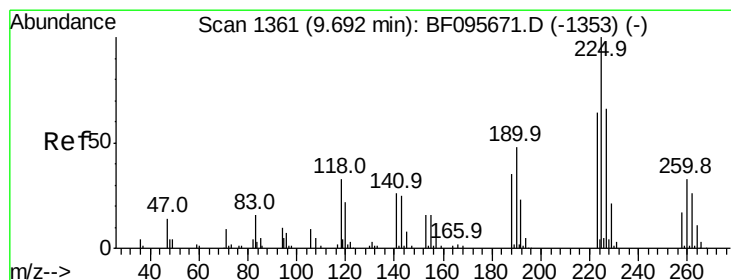
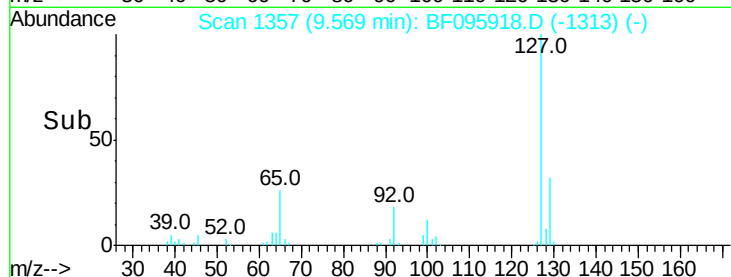
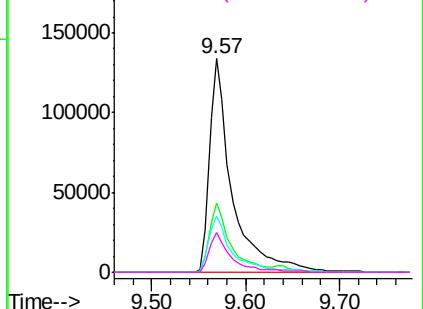
#33
4-Chloroaniline
Concen: 41.05 ng
RT: 9.57 min Scan# 1357
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	226325
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	26.1	27.8	41.8#
92	18.8	16.8	25.2

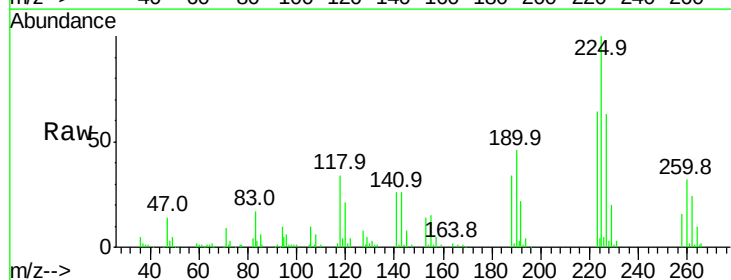


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

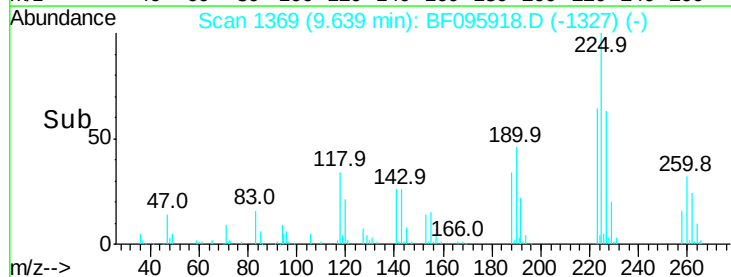
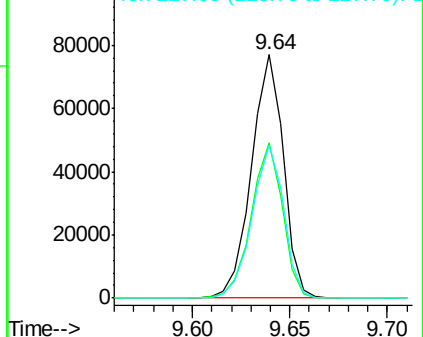


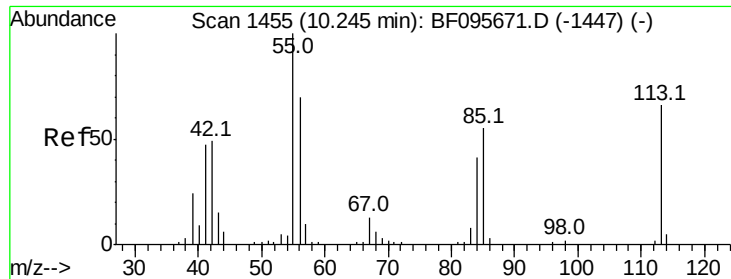
#34
Hexachlorobutadiene
Concen: 42.89 ng
RT: 9.64 min Scan# 1369
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:	225	Resp:	87248
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.8	73.2
227	62.8	51.1	76.7



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





#35

Caprolactam

Concen: 40.08 ng

RT: 10.22 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

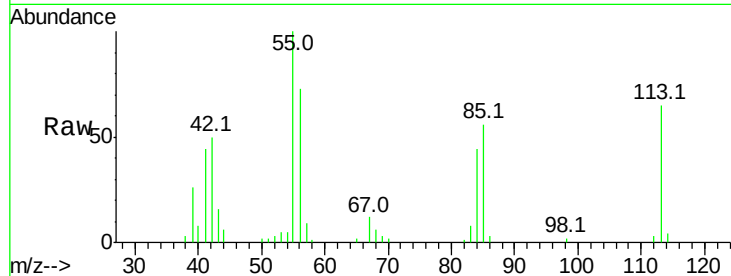
Tot Ion:113 Resp: 45132

Ion Ratio Lower Upper

113 100

55 154.4 150.2 190.2

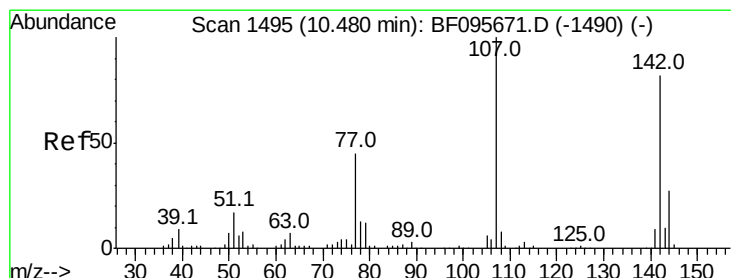
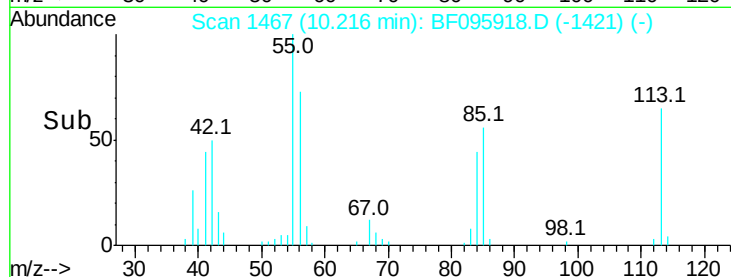
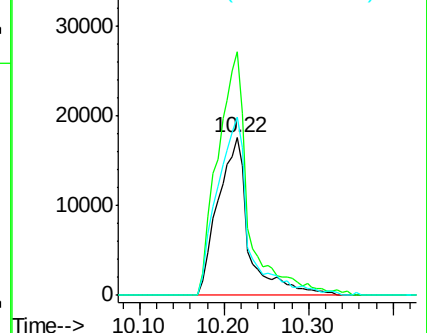
56 113.0 107.8 147.8



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: 38.65 ng

RT: 10.45 min Scan# 1507

Delta R.T. -0.03 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

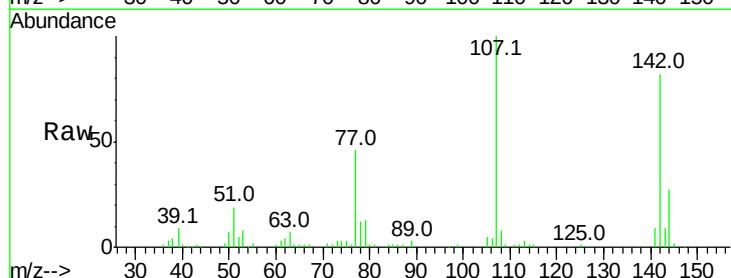
Tgt Ion:107 Resp: 153086

Ion Ratio Lower Upper

107 100

144 27.3 24.2 36.4

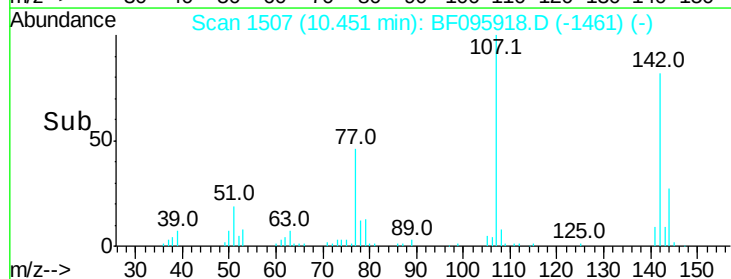
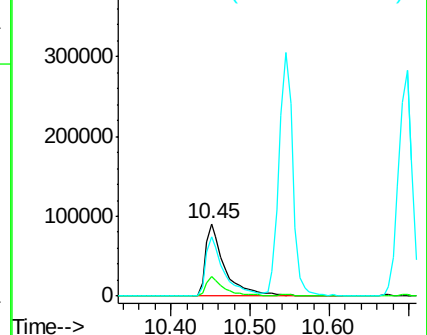
142 82.4 73.4 110.0

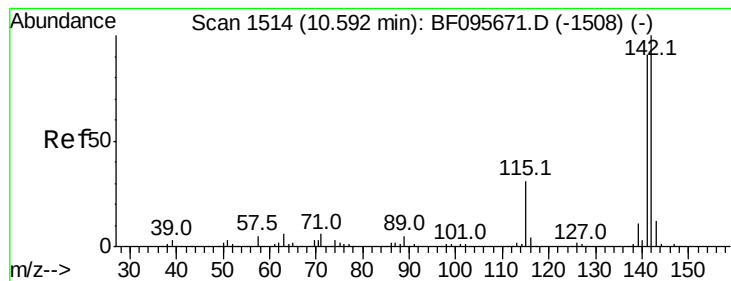


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.06 ng

RT: 10.55 min Scan# 1523

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

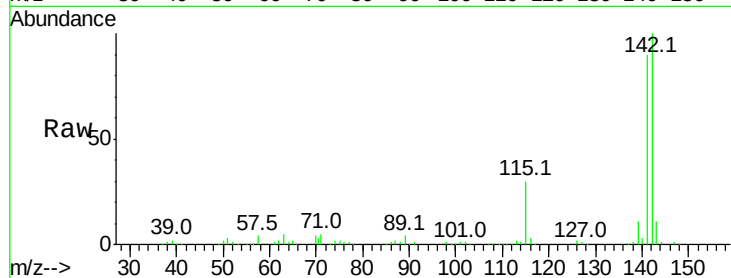
Tot Ion:142 Resp: 372288

Ion Ratio Lower Upper

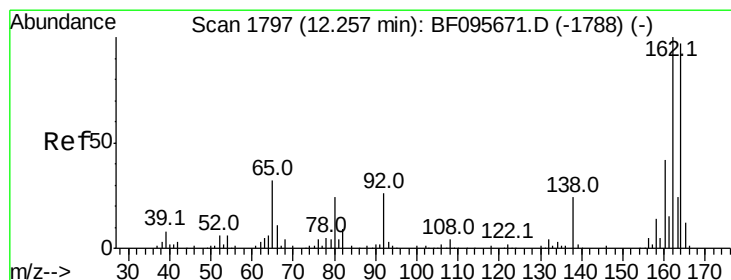
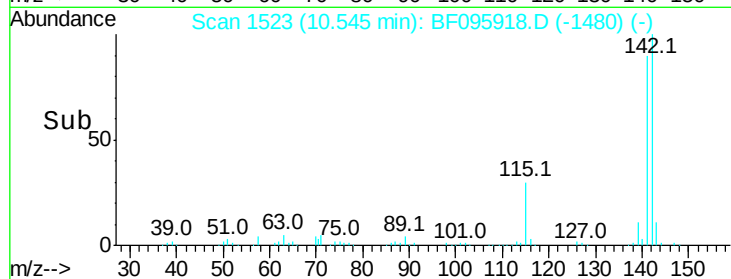
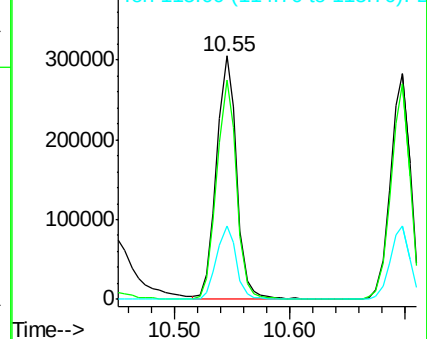
142 100

141 89.8 71.3 106.9

115 30.4 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.20 min Scan# 1805

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

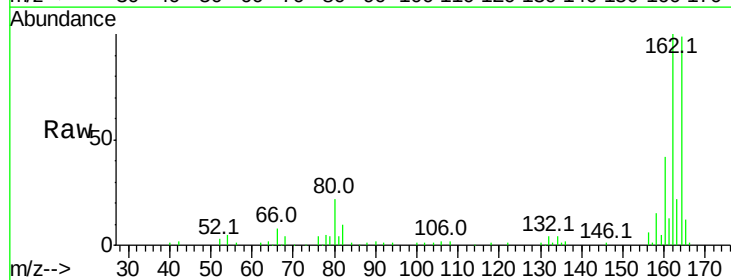
Tgt Ion:164 Resp: 111260

Ion Ratio Lower Upper

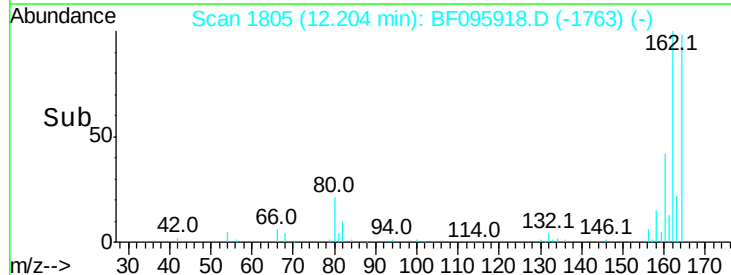
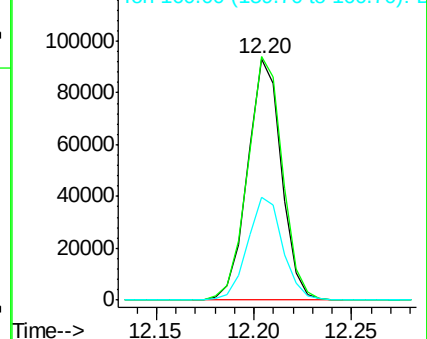
164 100

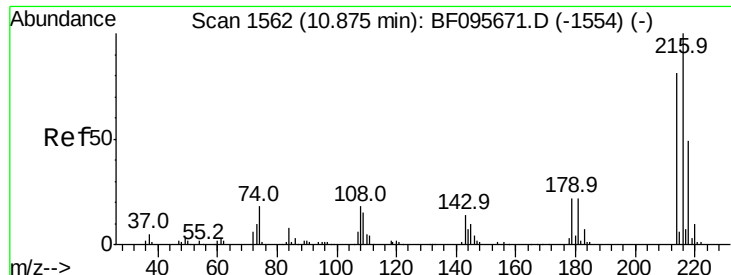
162 100.9 82.6 123.8

160 42.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.52 ng

RT: 10.83 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 144904

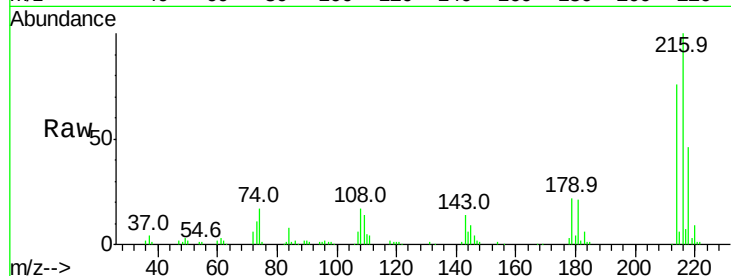
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 21.8 17.9 26.9

108 18.1 16.5 24.7

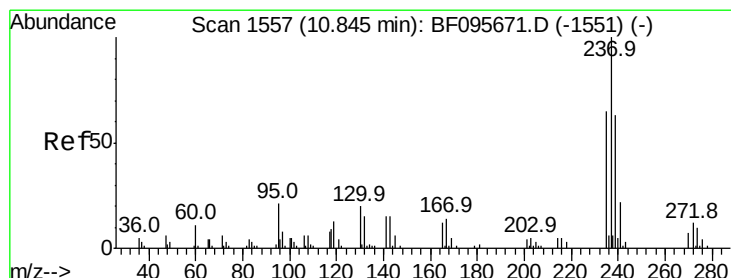
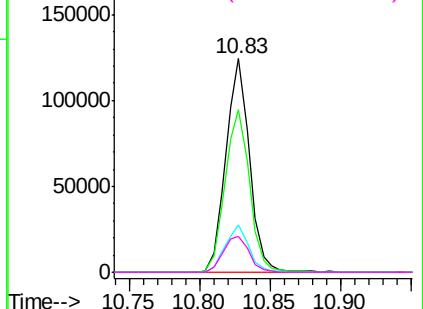
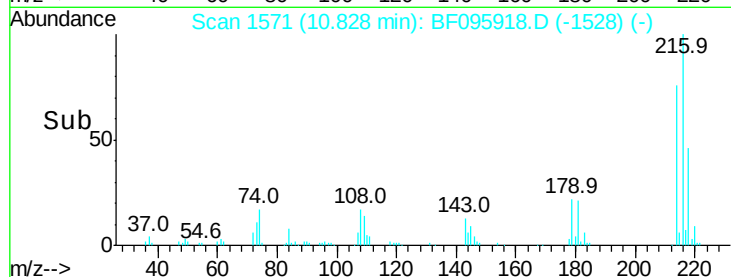


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.34 ng

RT: 10.80 min Scan# 1566

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

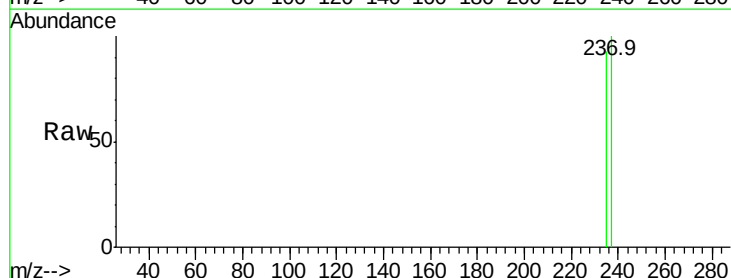
Tgt Ion:237 Resp: 118

Ion Ratio Lower Upper

237 100

235 93.1 42.6 82.6#

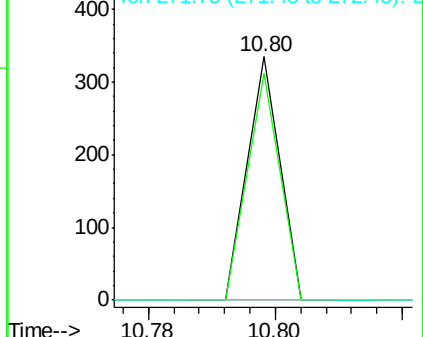
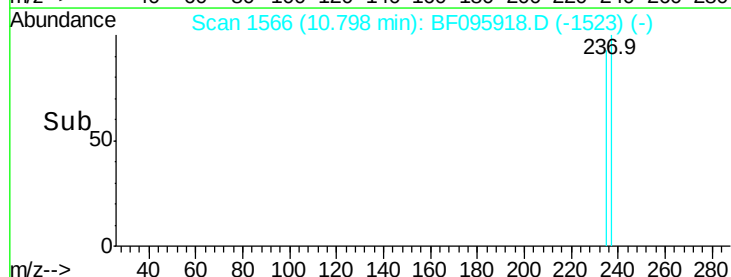
272 0.0 0.0 31.9

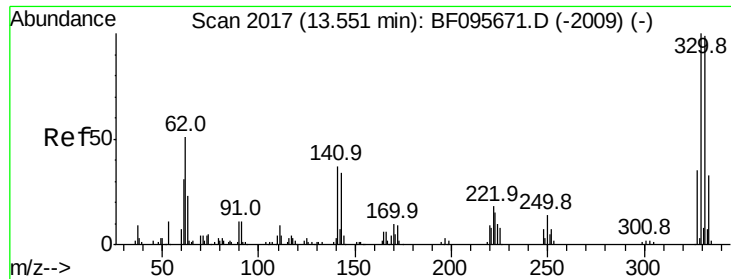


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

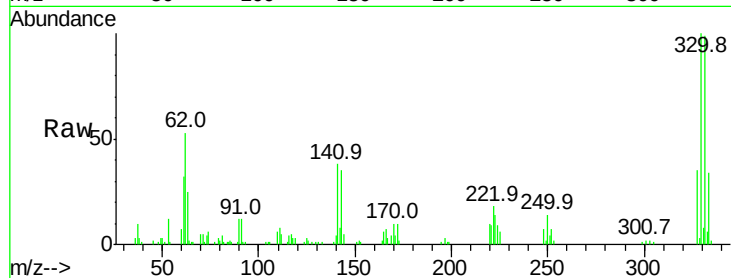




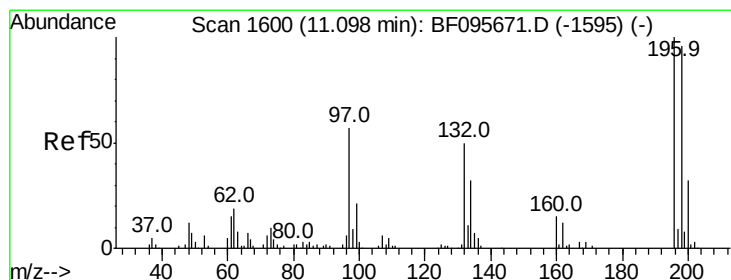
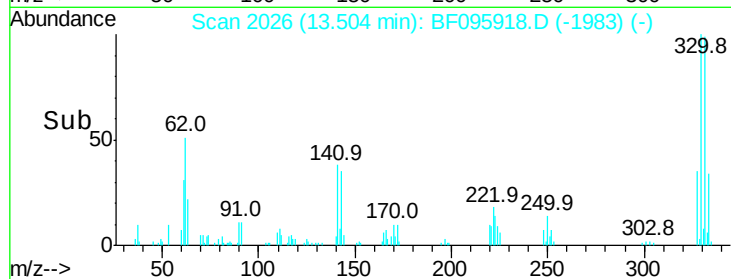
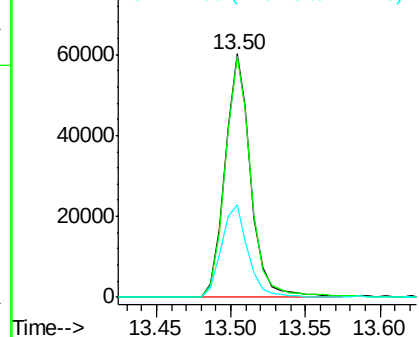
#41
 2,4,6-Tribromophenol
 Concen: 74.05 ng
 RT: 13.50 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 72898
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.6 115.0
 141 39.0 31.4 47.2

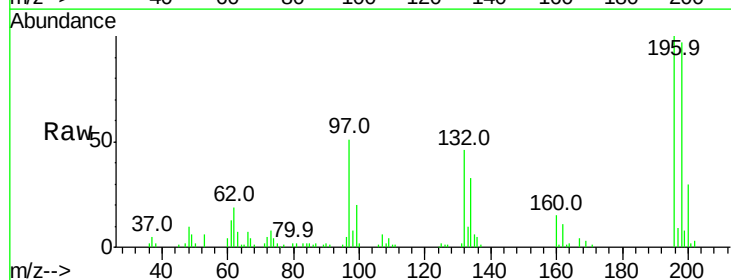


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

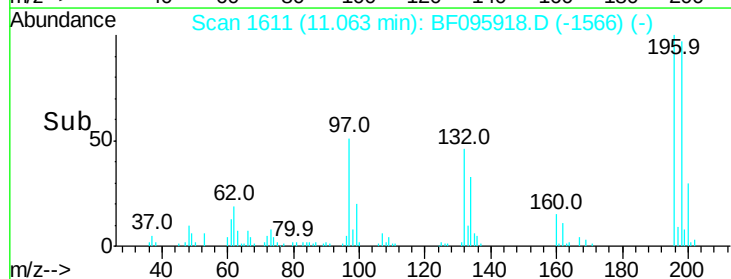
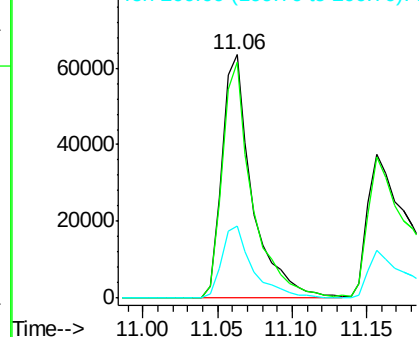


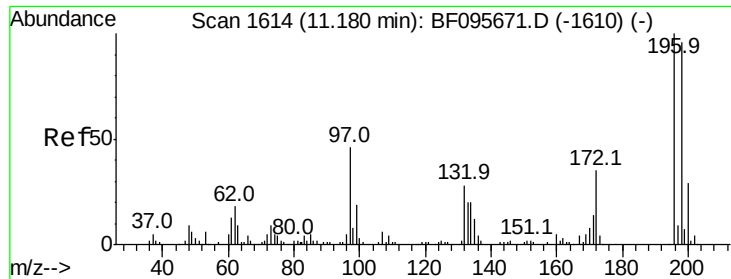
#42
 2,4,6-Trichlorophenol
 Concen: 42.24 ng
 RT: 11.06 min Scan# 1611
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion:196 Resp: 90432
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.2 111.4
 200 29.8 24.0 36.0



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

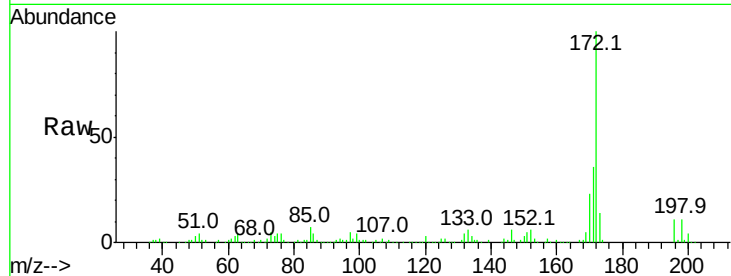




#43
 2,4,5-Trichlorophenol
 Concen: 39.55 ng
 RT: 11.16 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	90053
Ion Ratio	Lower	Upper	
196	100		
198	97.8	75.7	113.5
97	49.8	47.7	71.5
132	34.2	28.0	42.0



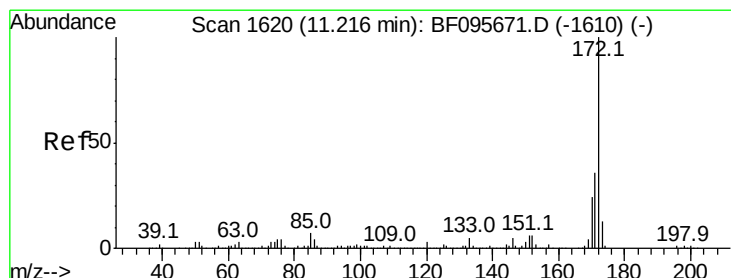
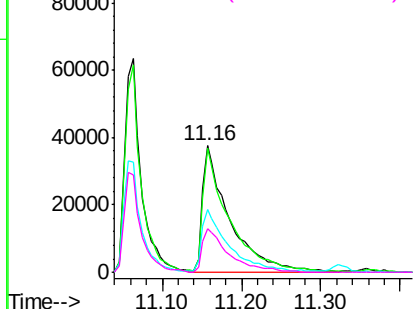
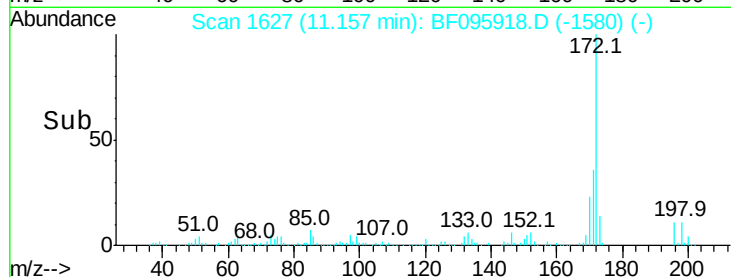
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

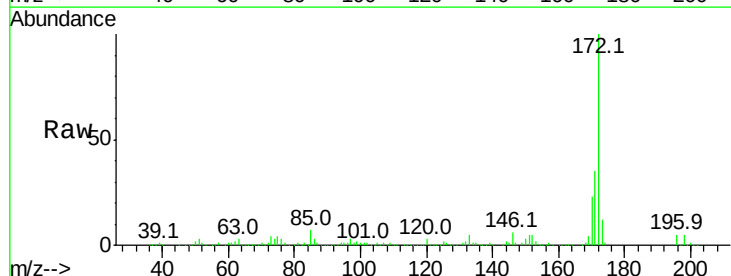
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.28 ng
 RT: 11.17 min Scan# 1629
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion	172	Resp	689793
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.6	44.4
170	23.3	19.8	29.8

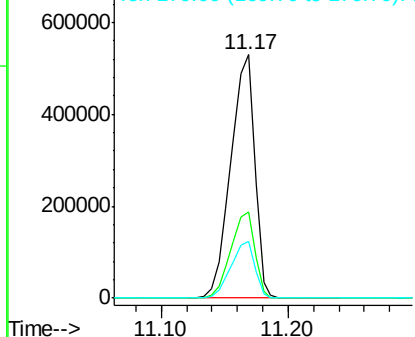
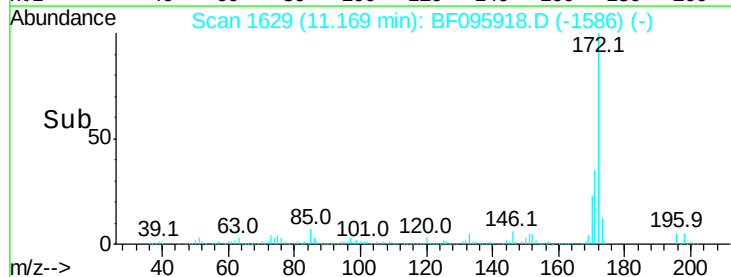


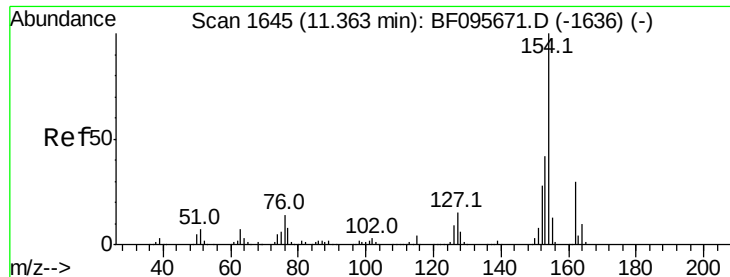
Abundance

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: 43.36 ng

RT: 11.32 min Scan# 1654

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

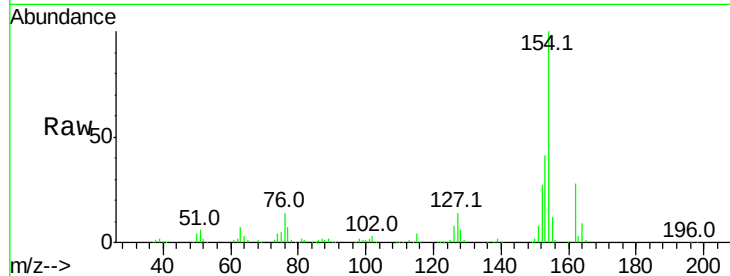
Tot Ion:154 Resp: 397590

Ion Ratio Lower Upper

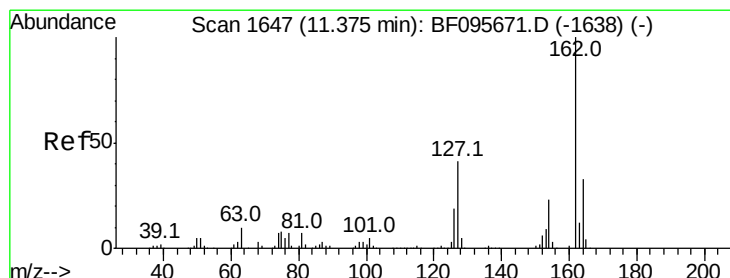
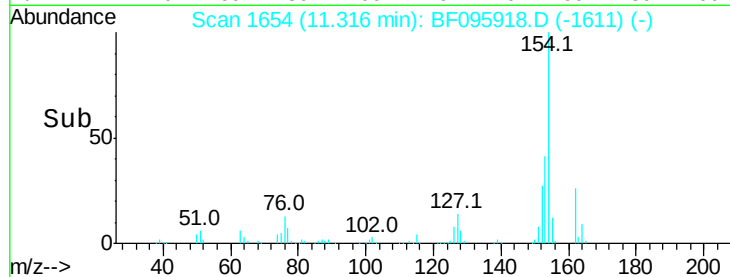
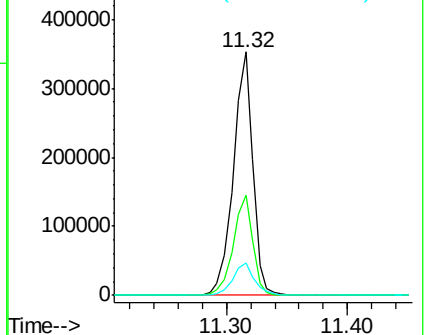
154 100

153 41.0 21.2 61.2

76 13.5 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 42.35 ng

RT: 11.33 min Scan# 1656

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

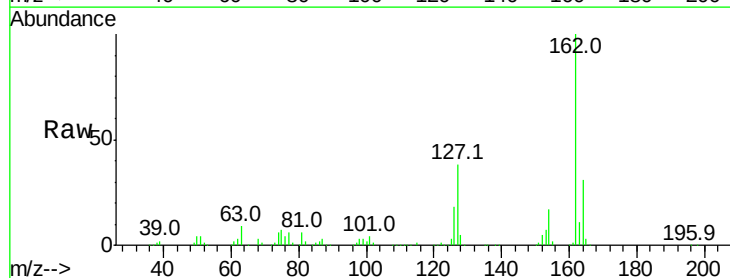
Tgt Ion:162 Resp: 303456

Ion Ratio Lower Upper

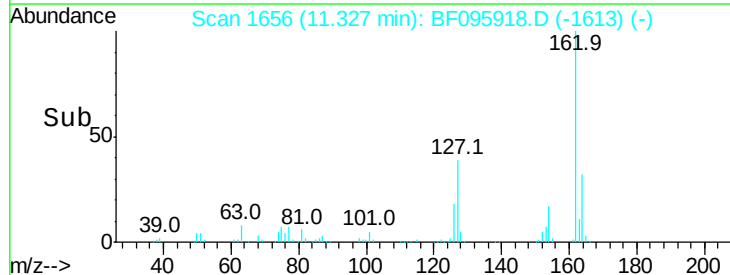
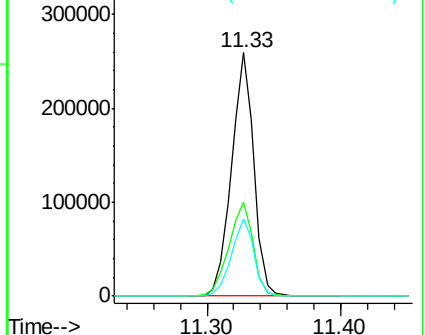
162 100

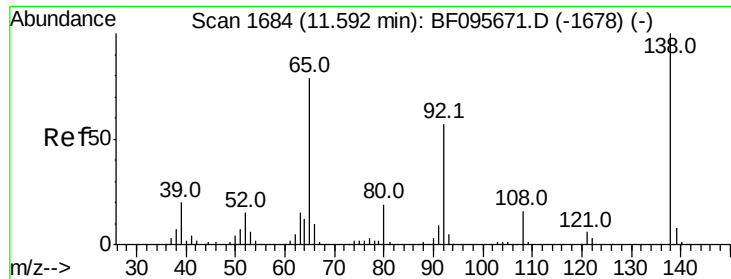
127 38.3 28.3 42.5

164 31.5 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

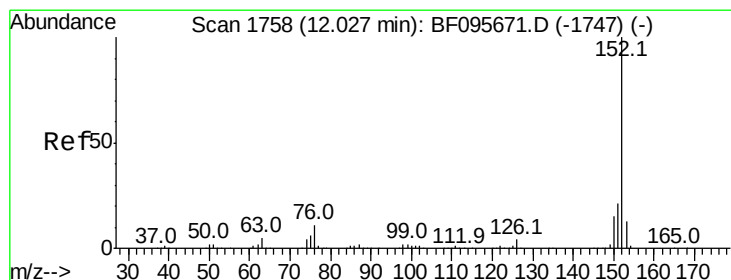
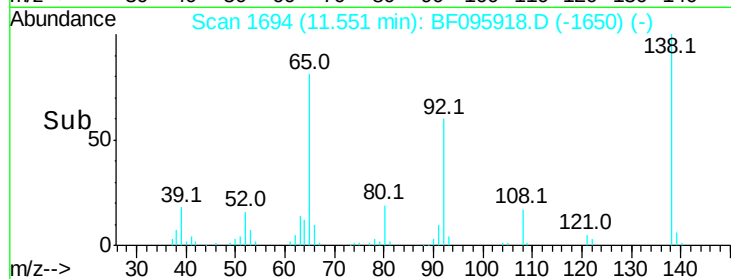
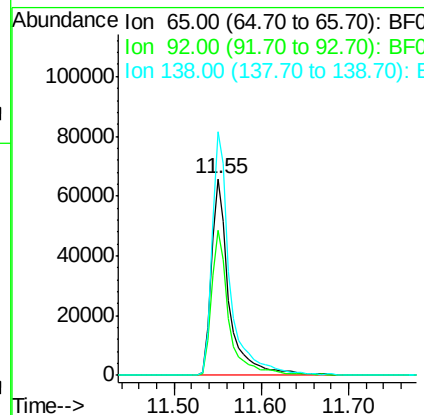
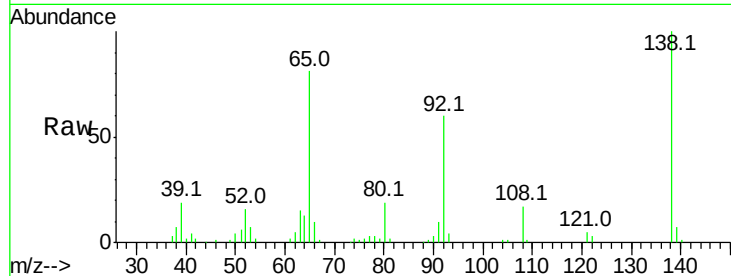




#47
2-Nitroaniline
Concen: 44.23 ng
RT: 11.55 min Scan# 1694
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

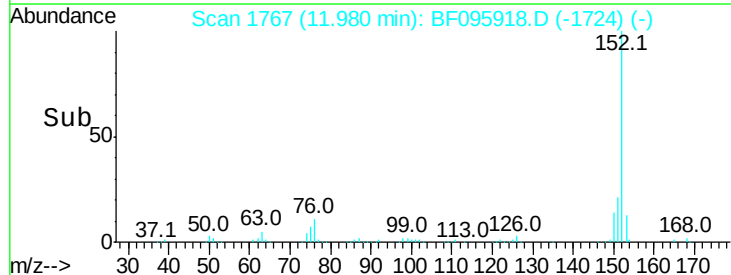
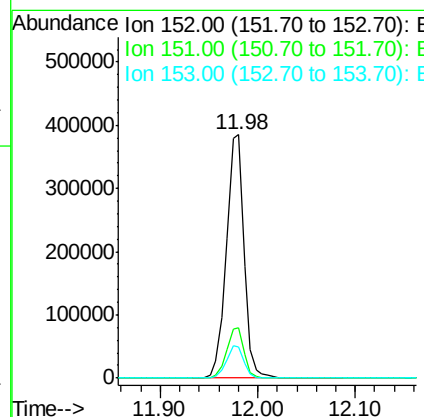
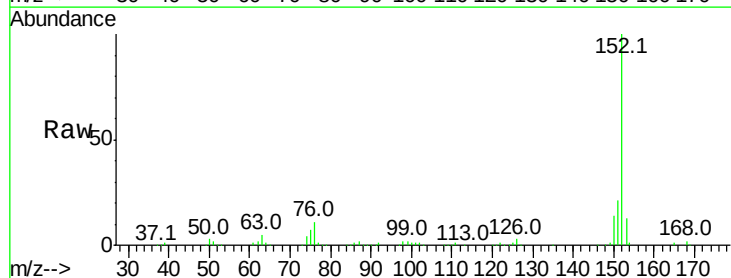
Instrument :
BNA_F
ClientSampleId :

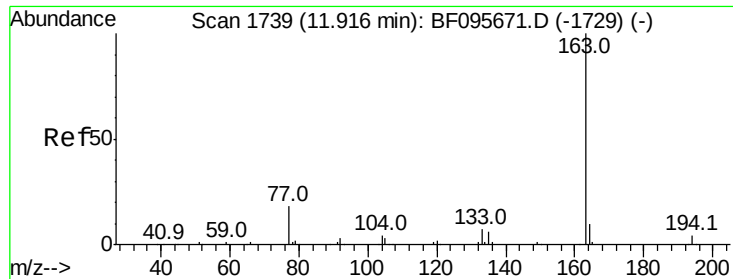
Tot Ion: 65 Resp: 92732
Ion Ratio Lower Upper
65 100
92 73.8 53.9 80.9
138 123.7 78.8 118.2#



#48
Acenaphthylene
Concen: 39.42 ng
RT: 11.98 min Scan# 1767
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:152 Resp: 482921
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 43.11 ng

RT: 11.87 min Scan# 1748

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

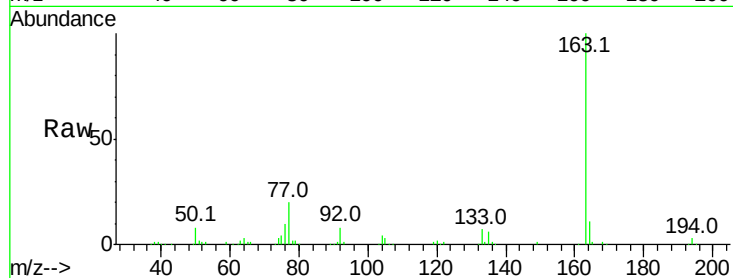
Tot Ion:163 Resp: 364156

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

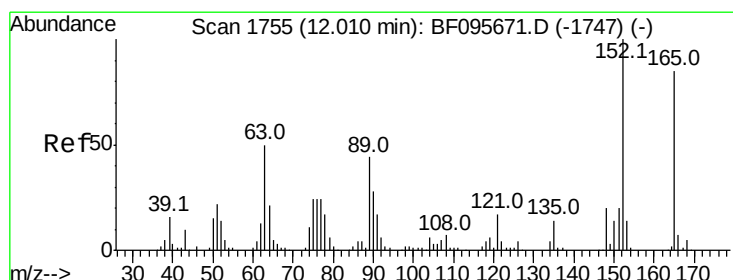
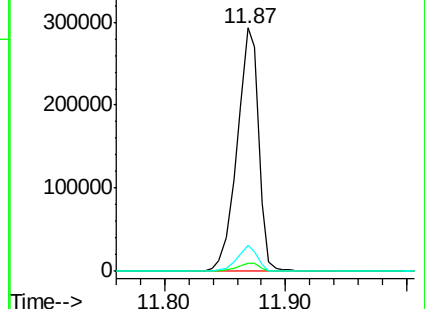
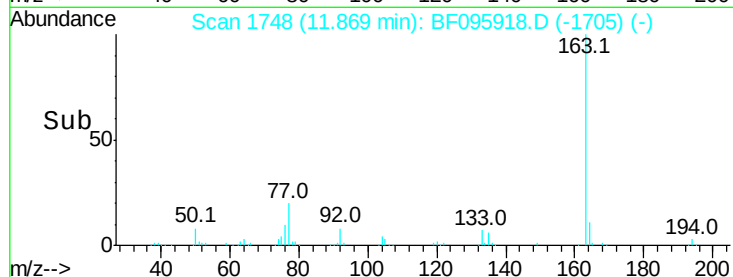
164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.67 ng

RT: 11.96 min Scan# 1764

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

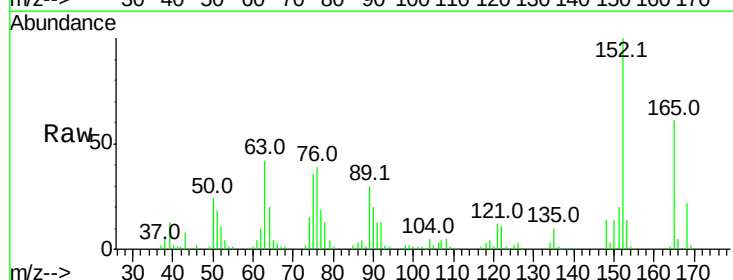
Tgt Ion:165 Resp: 67570

Ion Ratio Lower Upper

165 100

63 69.3 34.3 51.5#

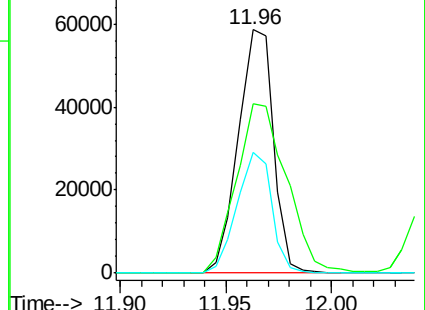
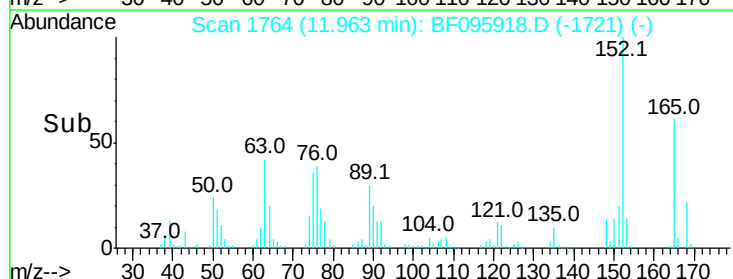
89 49.5 37.1 55.7

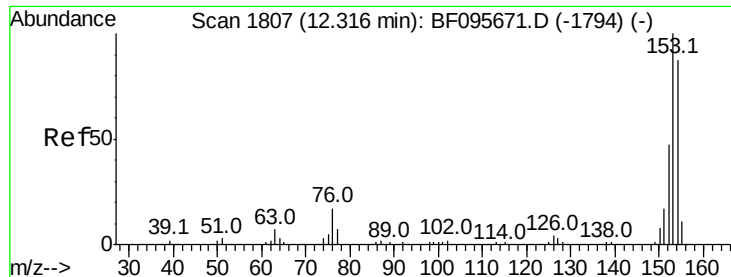


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.01 ng

RT: 12.26 min Scan# 1815

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

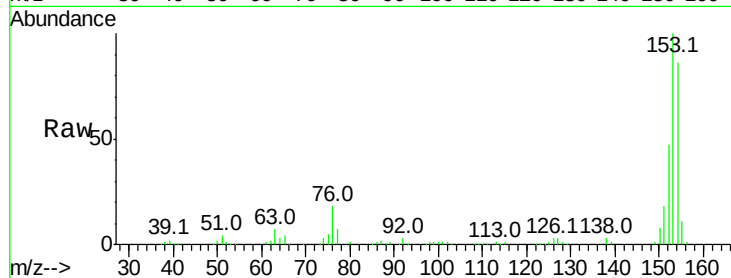
Tot Ion:154 Resp: 276015

Ion Ratio Lower Upper

154 100

153 116.1 90.5 135.7

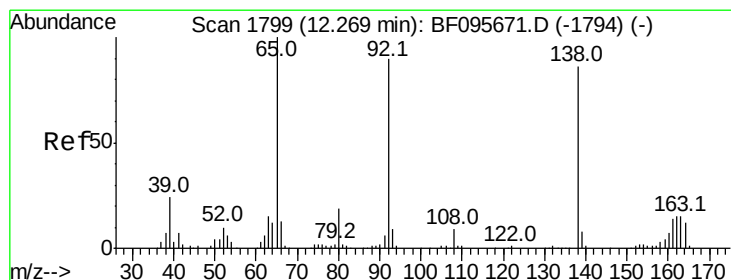
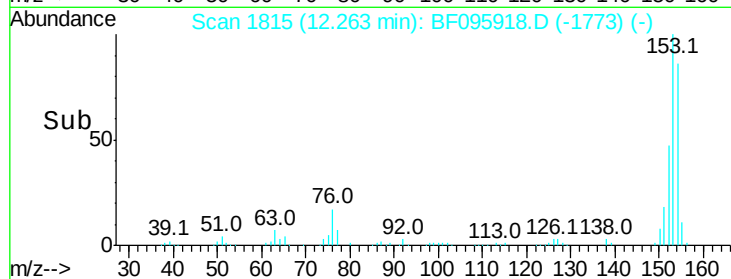
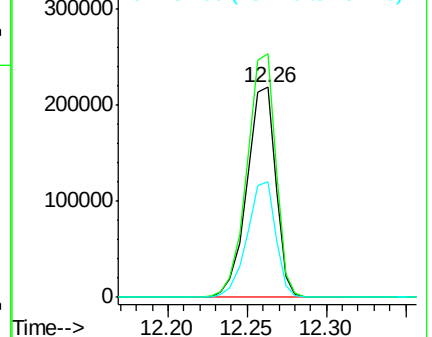
152 55.0 43.6 65.4



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: 43.43 ng

RT: 12.23 min Scan# 1810

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

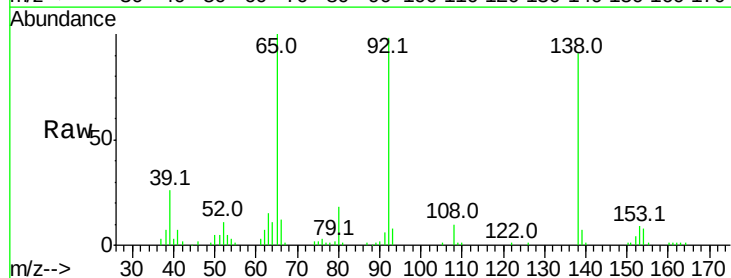
Tgt Ion:138 Resp: 93242

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

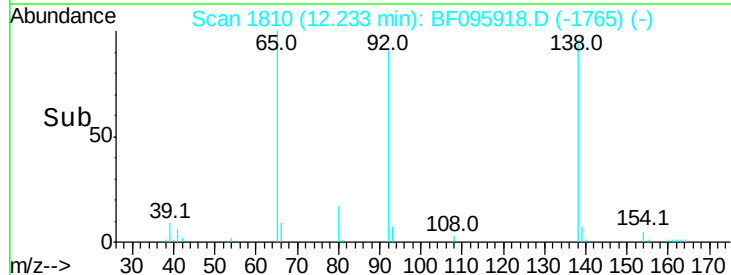
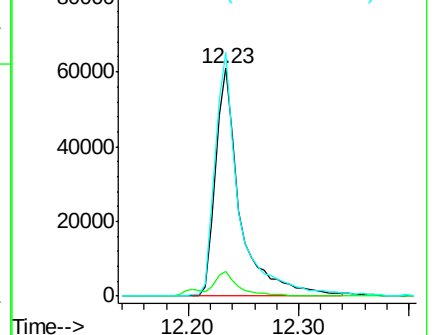
92 106.9 93.8 140.6

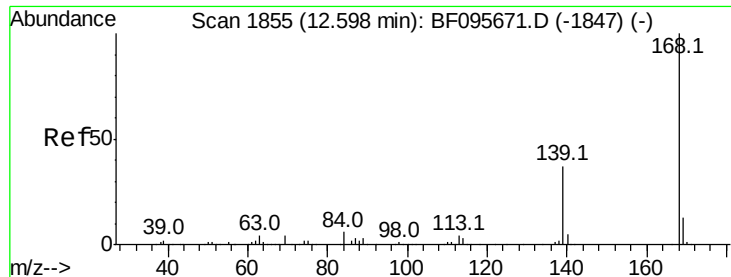


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 39.11 ng

RT: 12.55 min Scan# 1863

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

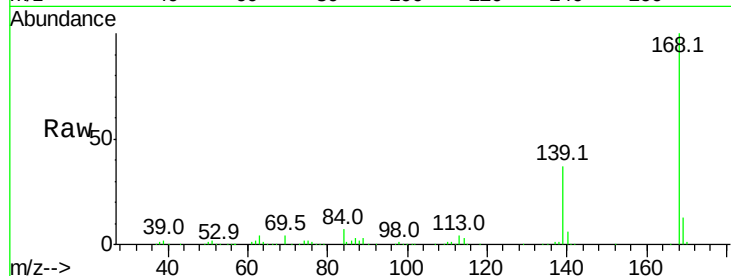
Tot Ion:168 Resp: 389482

Ion Ratio Lower Upper

168 100

139 36.9 30.6 45.8

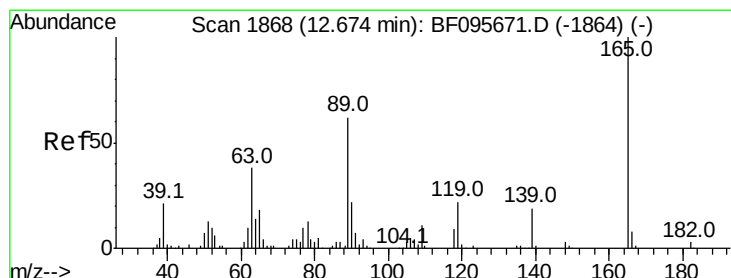
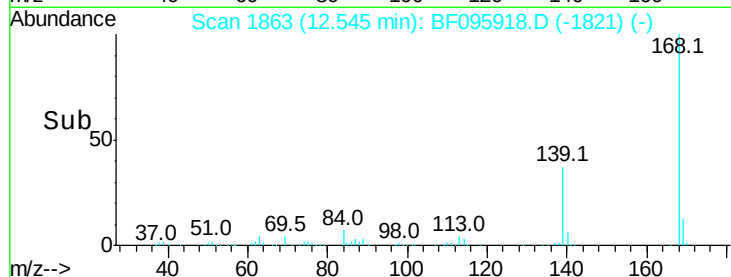
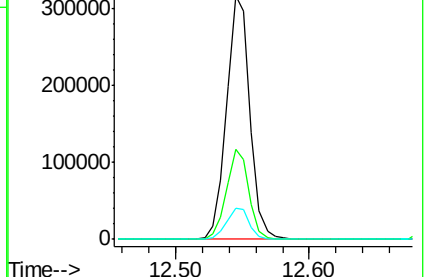
169 13.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 34.57 ng

RT: 12.69 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

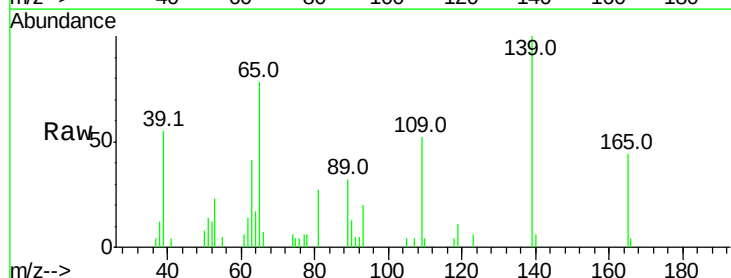
Tgt Ion:139 Resp: 39831

Ion Ratio Lower Upper

139 100

109 52.0 34.1 74.1

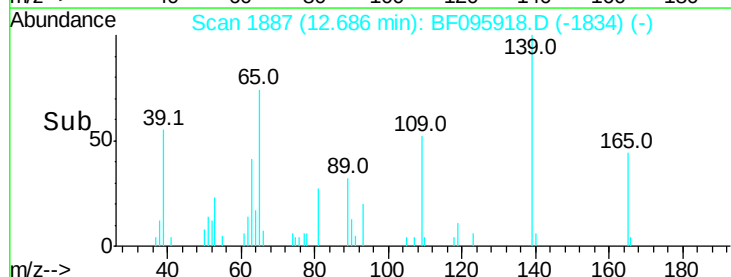
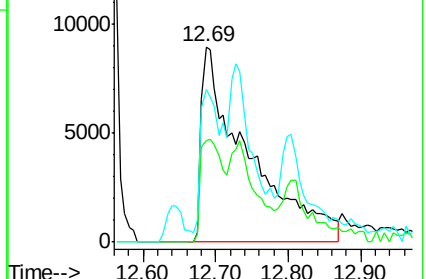
65 78.3 31.4 71.4#

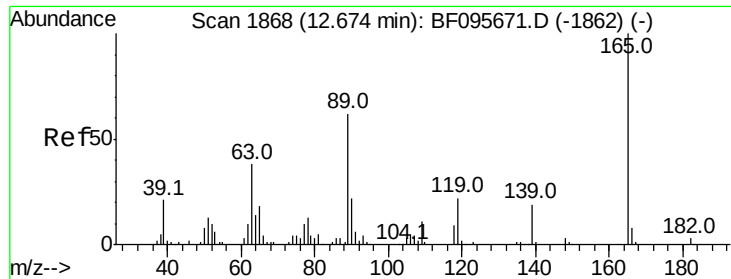


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

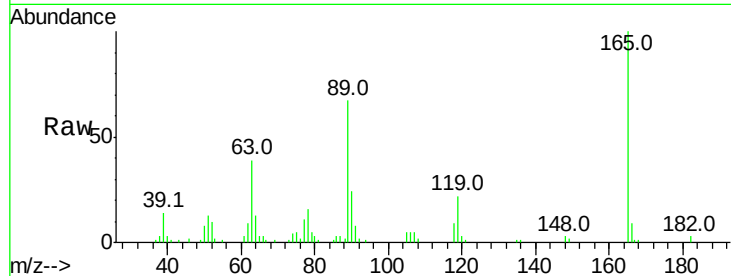




#56
2,4-Dinitrotoluene
Concen: 33.95 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.0	25.4	38.0#
89	67.1	46.4	69.6
182	2.7	1.8	2.6#

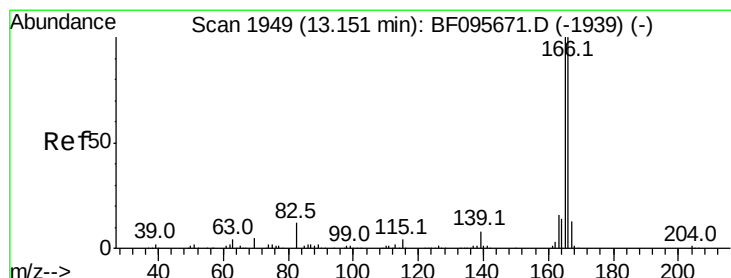
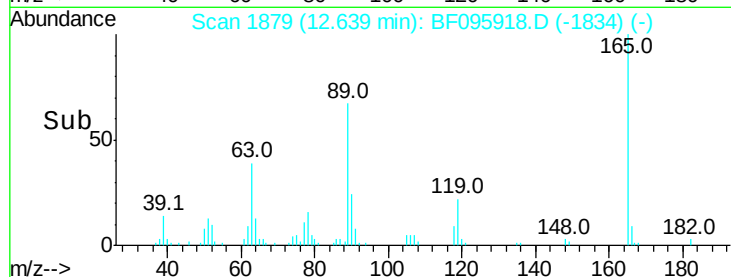
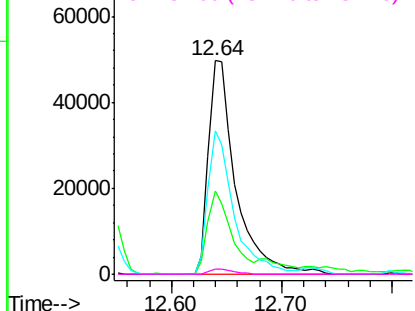


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

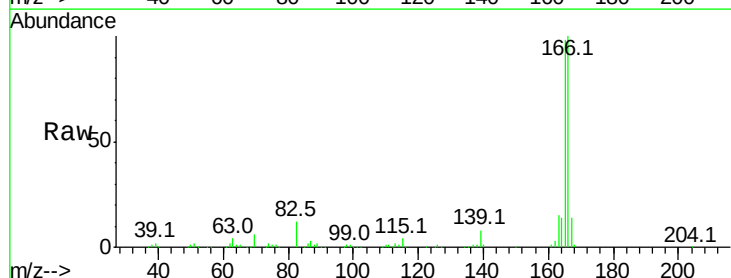
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 37.96 ng
RT: 13.10 min Scan# 1957
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

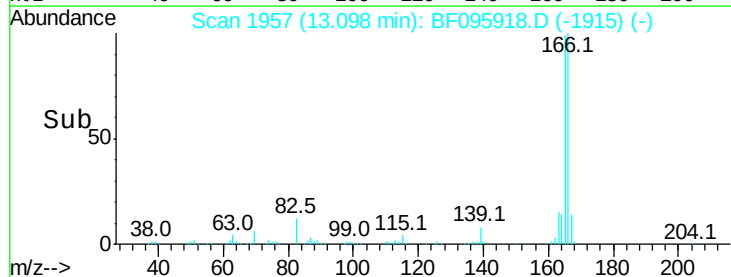
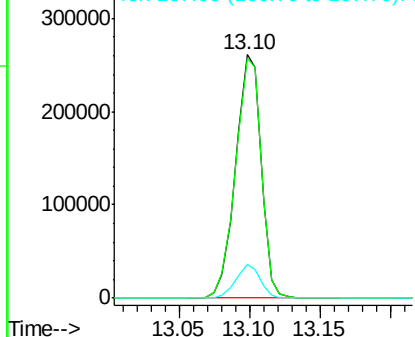
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.8	118.2
167	13.9	10.6	16.0

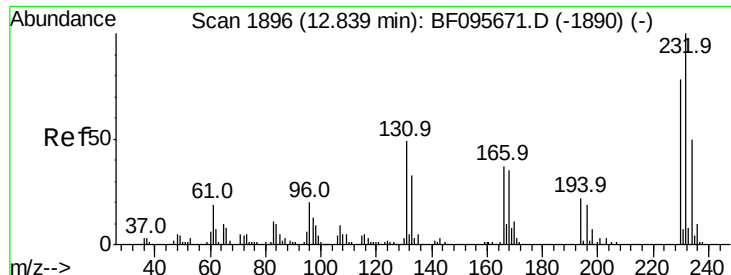


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

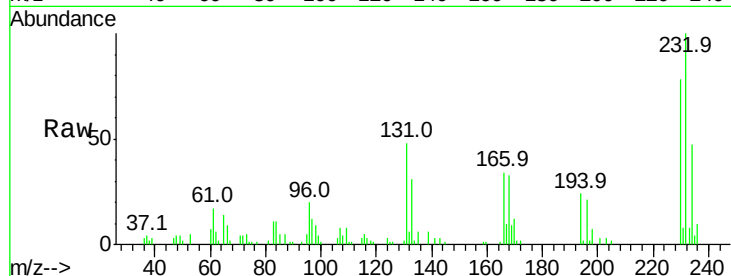




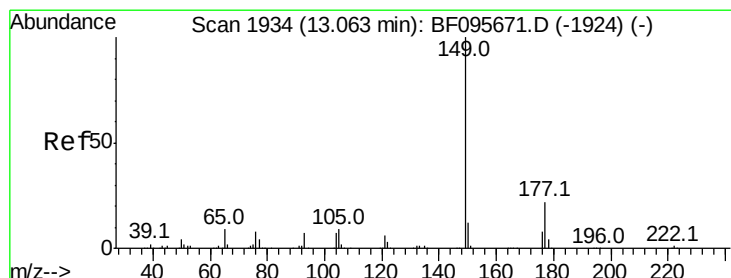
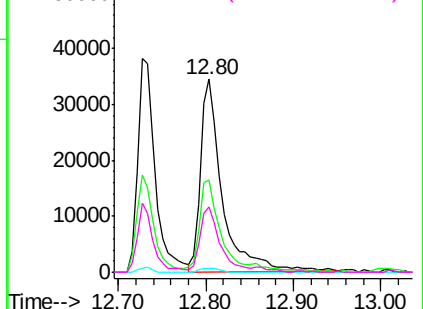
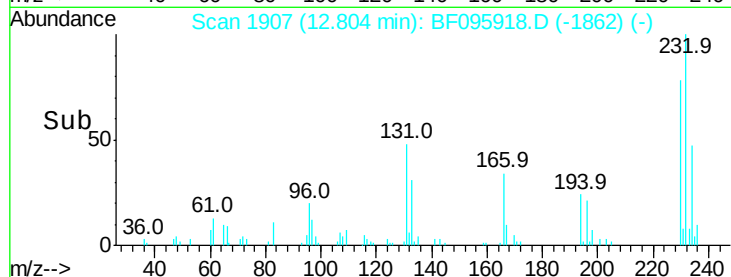
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.68 ng
 RT: 12.80 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 58711
 Ion Ratio Lower Upper
 232 100
 131 46.9 44.8 67.2
 130 2.1 2.3 3.5#
 166 33.8 29.0 43.4

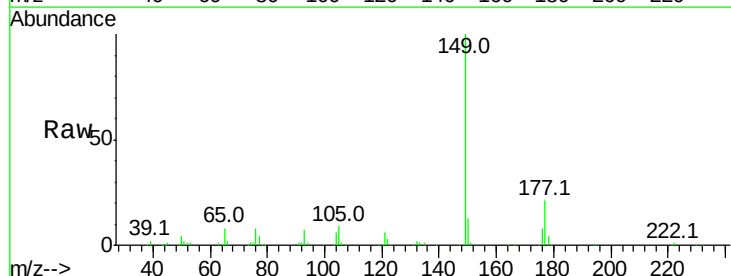


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

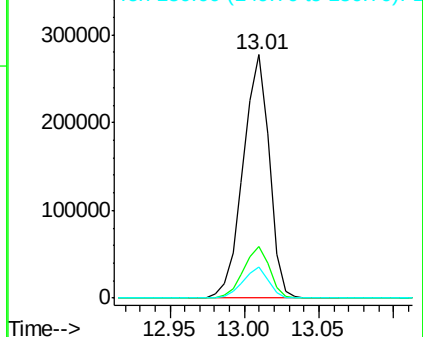
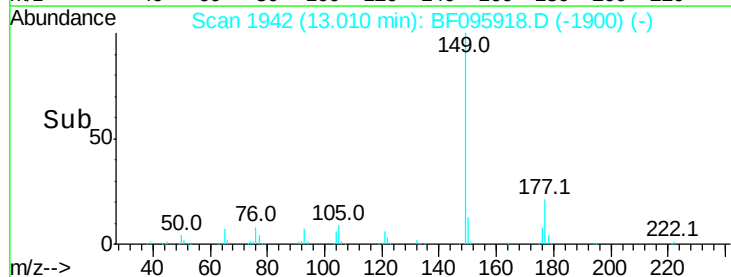


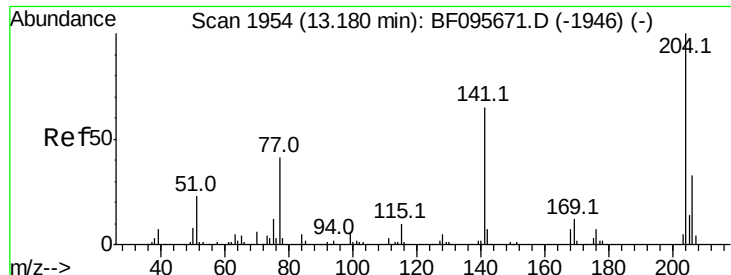
#59
 Diethylphthalate
 Concen: 41.56 ng
 RT: 13.01 min Scan# 1942
 Delta R.T. -0.05 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion:149 Resp: 337859
 Ion Ratio Lower Upper
 149 100
 177 21.4 16.7 25.1
 150 12.7 10.2 15.2



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

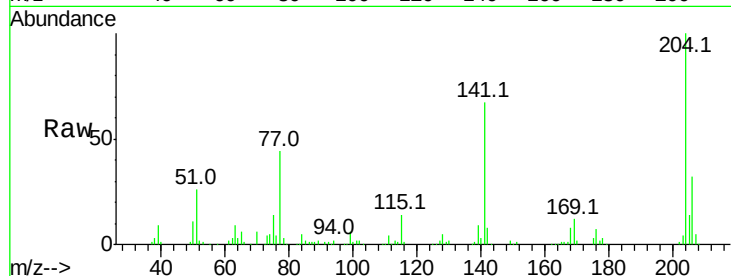




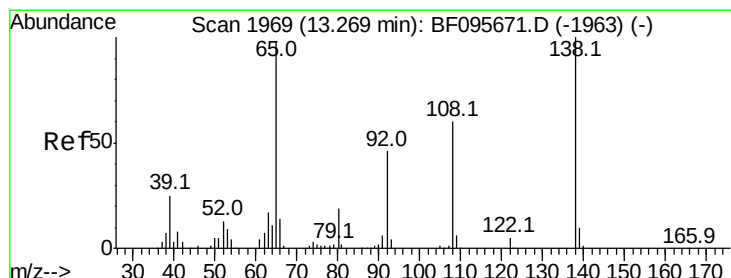
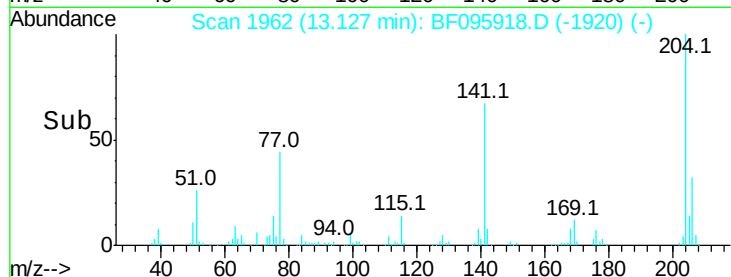
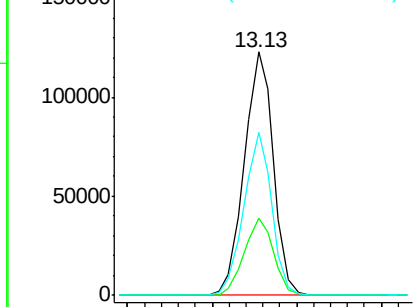
#60
4-Chlorophenyl-phenylether
Concen: 39.05 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 147185
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.2
141 67.1 60.8 91.2

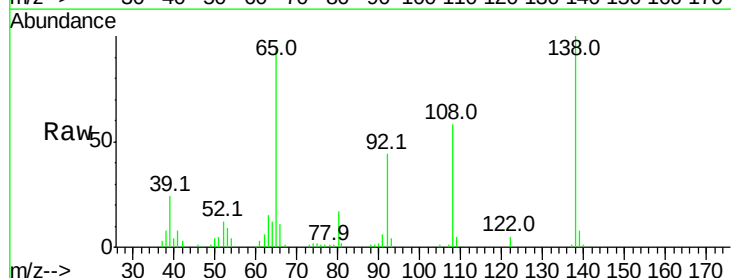


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

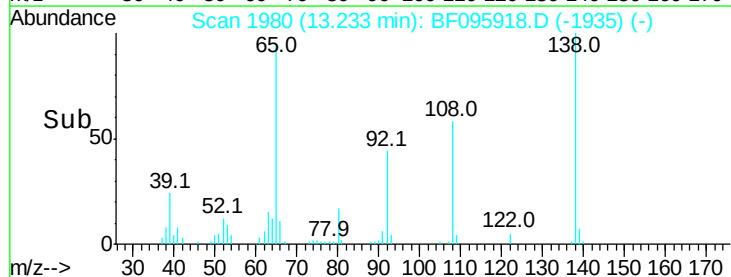
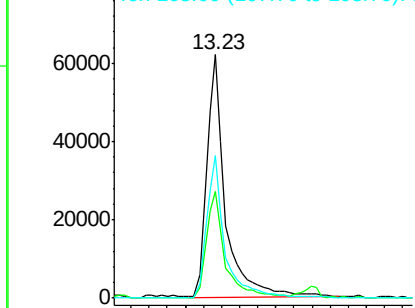


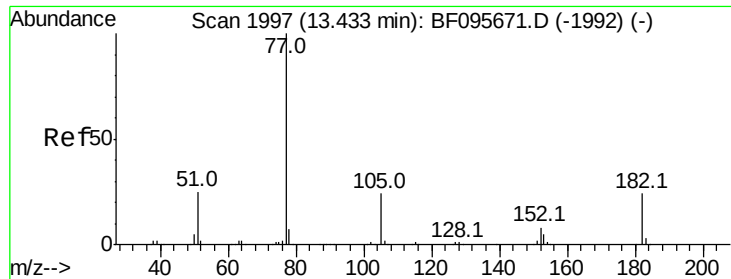
#61
4-Nitroaniline
Concen: 44.30 ng
RT: 13.23 min Scan# 1980
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:138 Resp: 88787
Ion Ratio Lower Upper
138 100
92 43.7 21.8 61.8
108 58.4 42.3 82.3



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





#62

Azobenzene

Concen: 36.34 ng

RT: 13.39 min Scan# 2006

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 267784

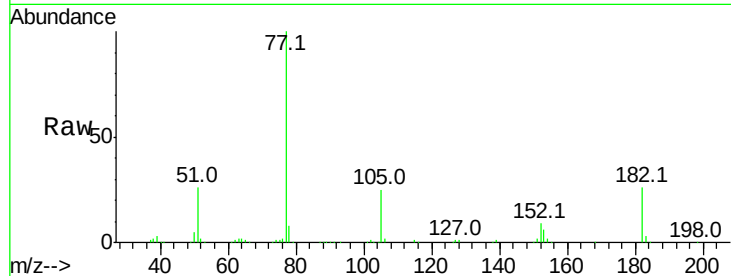
Ion Ratio Lower Upper

77 100

182 26.5 0.1 40.1

105 24.6 3.6 43.6

51 25.7 9.4 49.4

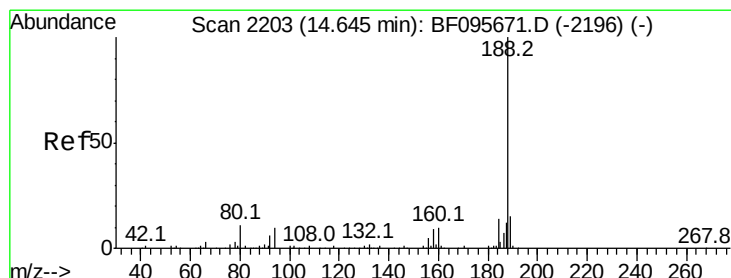
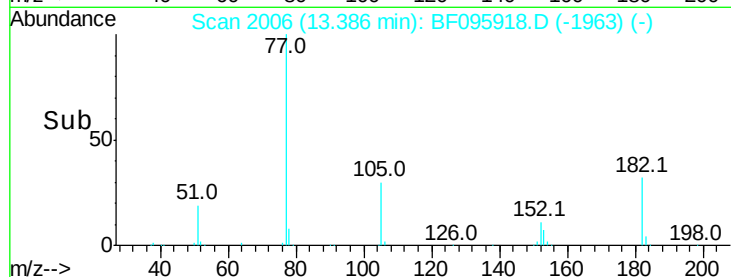
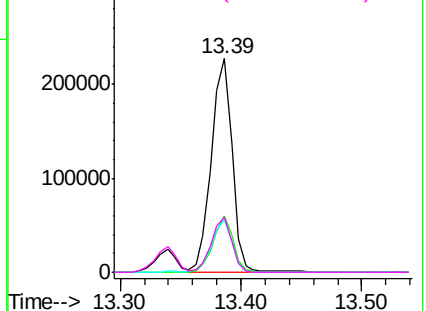


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 14.60 min Scan# 2212

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

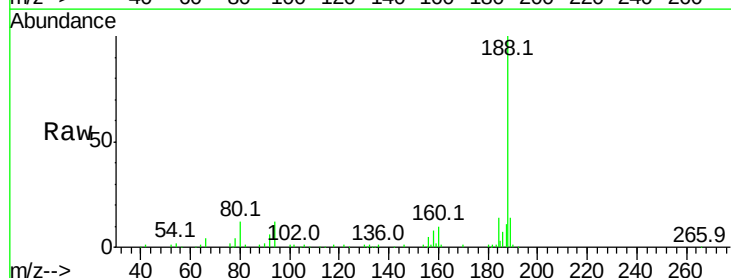
Tgt Ion: 188 Resp: 174440

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

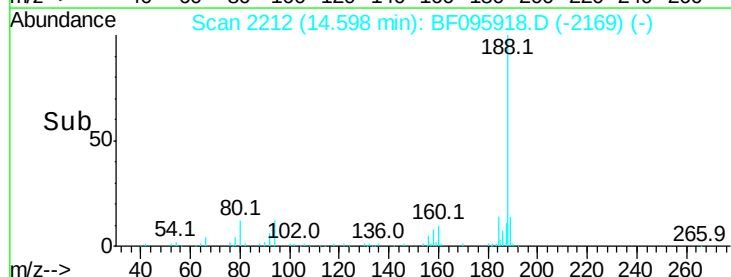
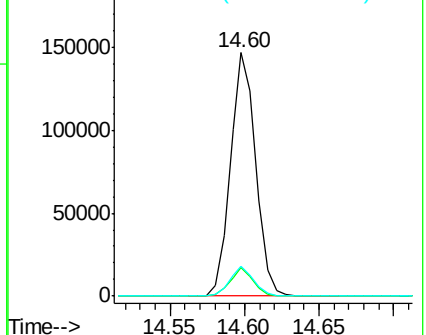
80 12.1 10.2 15.2

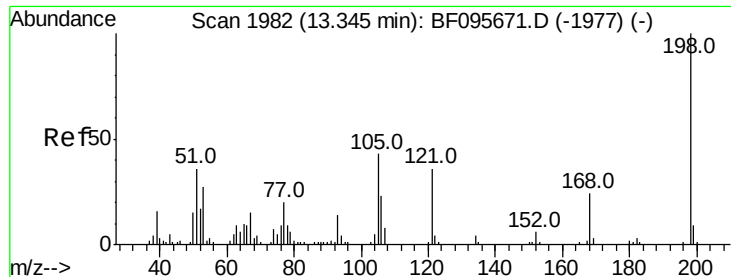


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.58 ng

RT: 13.35 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

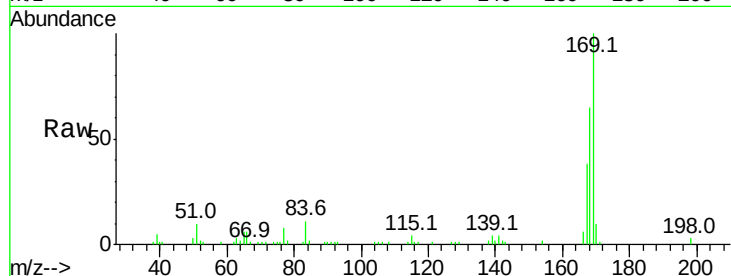
Tot Ion:198 Resp: 2955

Ion Ratio Lower Upper

198 100

51 391.5 53.2 93.2#

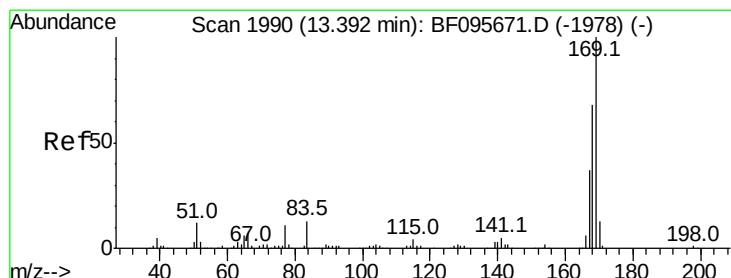
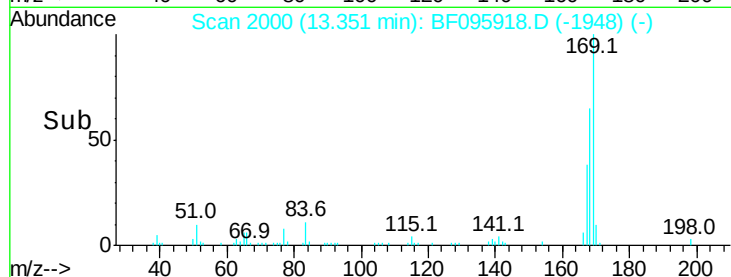
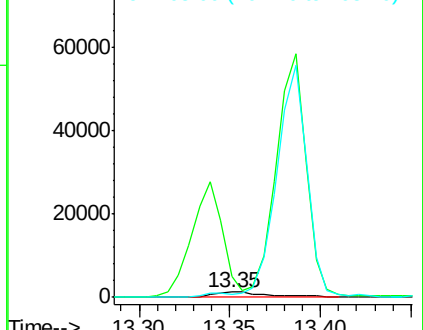
105 50.1 45.8 85.8



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: 43.18 ng

RT: 13.34 min Scan# 1998

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

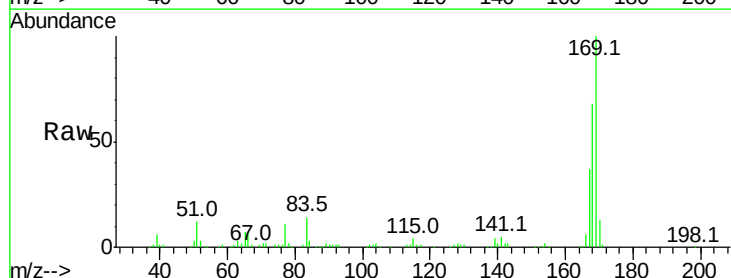
Tgt Ion:169 Resp: 270665

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

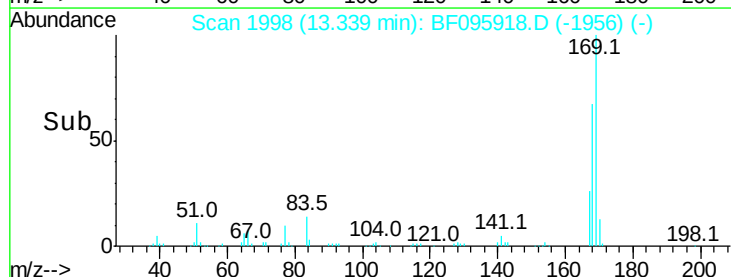
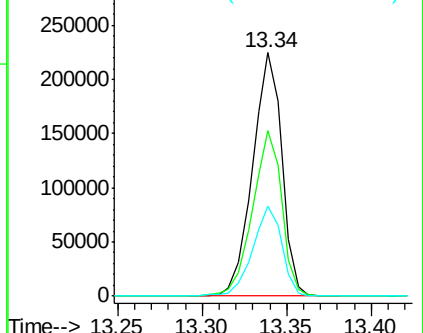
167 36.8 29.5 44.3

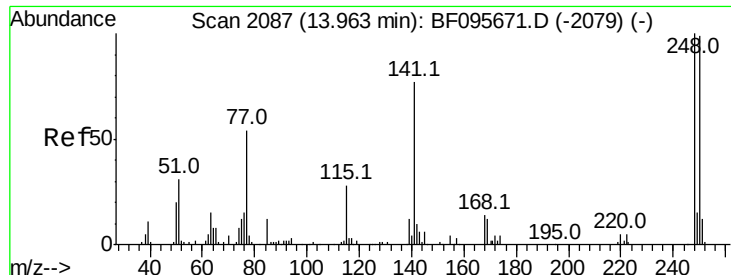


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

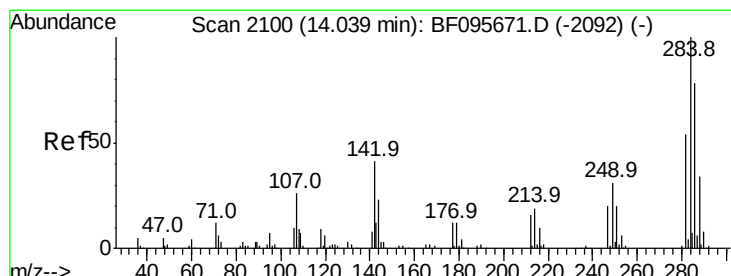
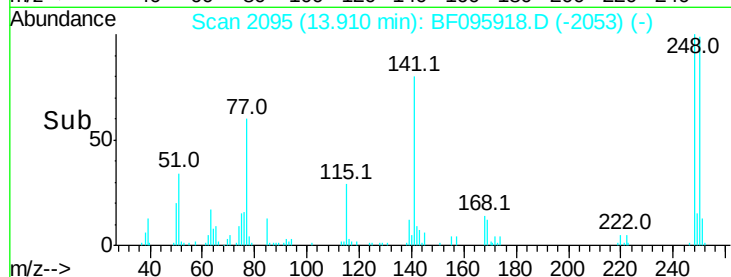
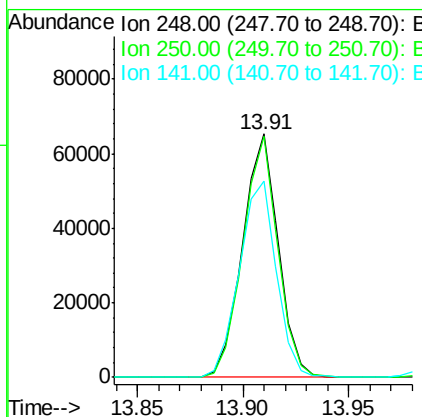
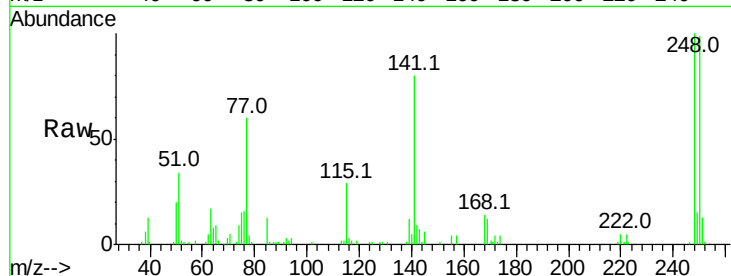




#66
4-Bromophenyl-phenylether
Concen: 42.33 ng
RT: 13.91 min Scan# 2095
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

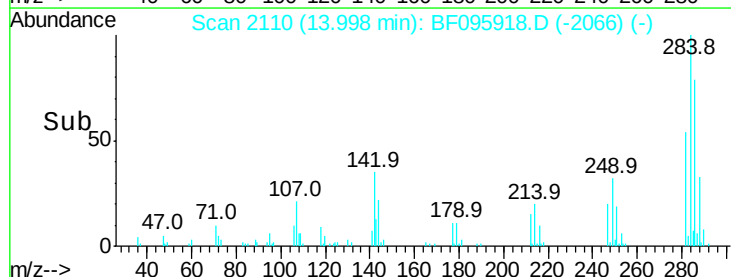
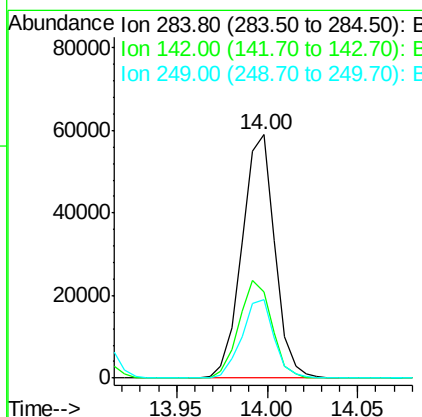
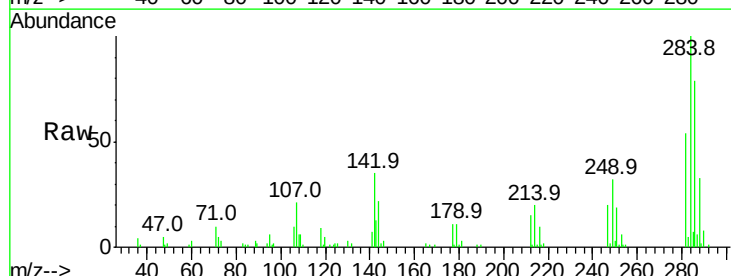
Instrument :
BNA_F
ClientSampleId :

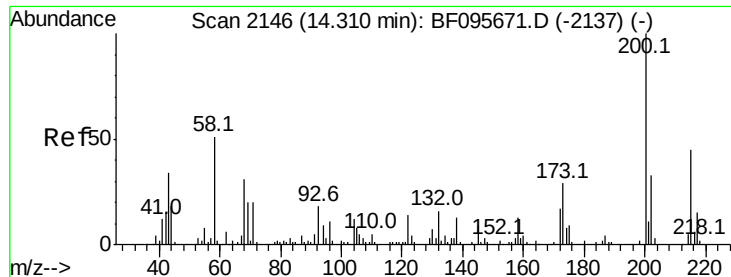
Tot Ion:248 Resp: 76747
Ion Ratio Lower Upper
248 100
250 99.0 76.8 115.2
141 80.4 68.6 103.0



#67
Hexachlorobenzene
Concen: 41.53 ng
RT: 14.00 min Scan# 2110
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:284 Resp: 74184
Ion Ratio Lower Upper
284 100
142 35.2 22.8 34.2#
249 32.0 24.0 36.0

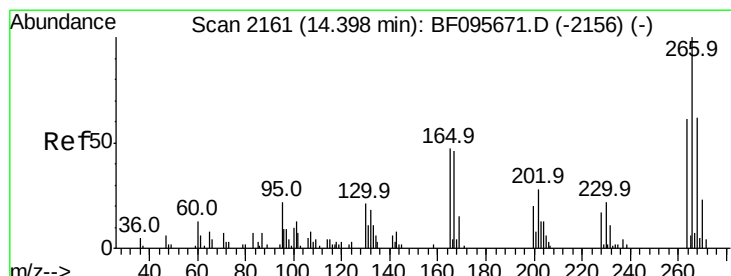
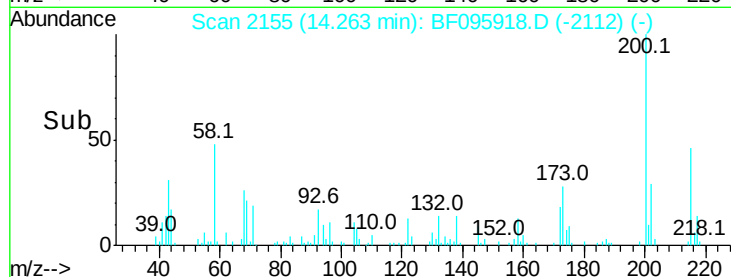
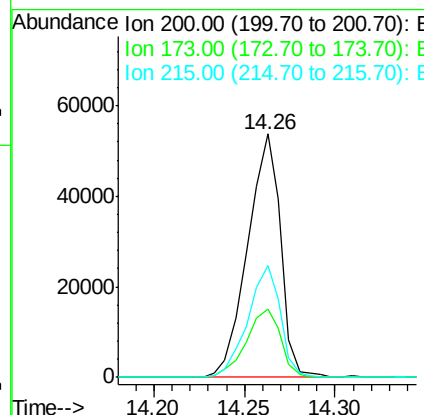
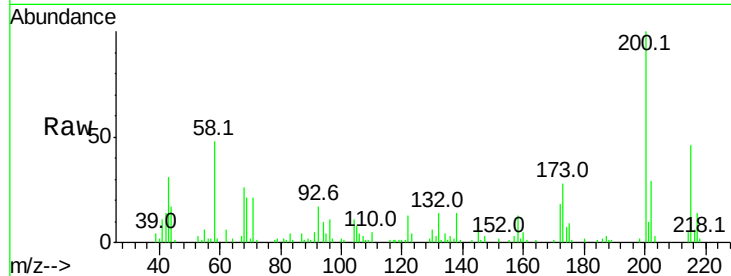




#68
Atrazine
Concen: 38.77 ng
RT: 14.26 min Scan# 2155
Delta R.T. -0.05 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

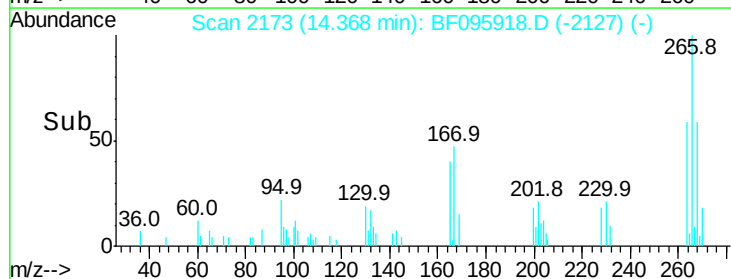
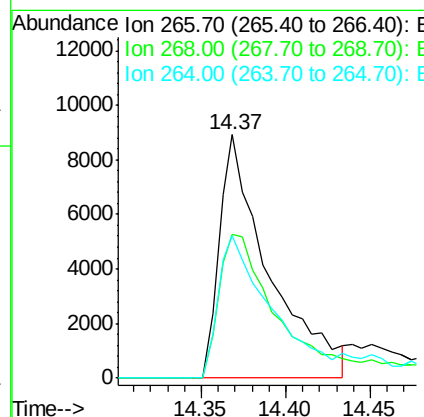
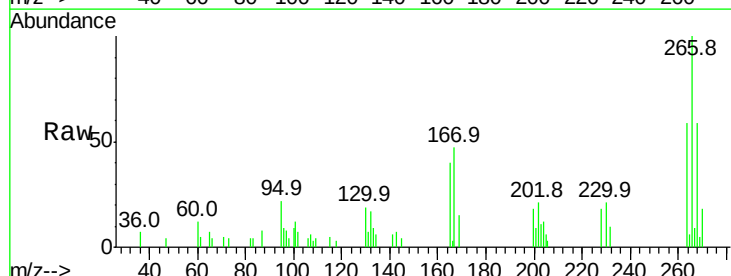
Instrument :
BNA_F
ClientSampled :

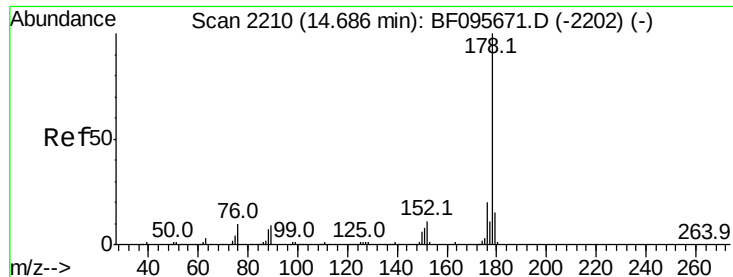
Tot Ion:200 Resp: 67631
Ion Ratio Lower Upper
200 100
173 27.9 6.3 46.3
215 45.7 27.2 67.2



#69
Pentachlorophenol
Concen: 31.17 ng
RT: 14.37 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:266 Resp: 18136
Ion Ratio Lower Upper
266 100
268 58.9 51.1 76.7
264 58.7 51.7 77.5





#70

Phenanthrene

Concen: 41.67 ng

RT: 14.64 min Scan# 2219

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

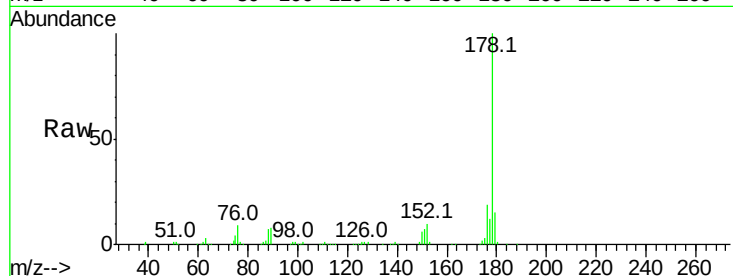
Tot Ion:178 Resp: 419365

Ion Ratio Lower Upper

178 100

176 18.9 16.2 24.4

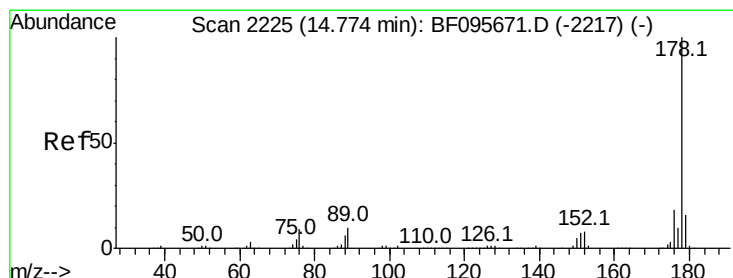
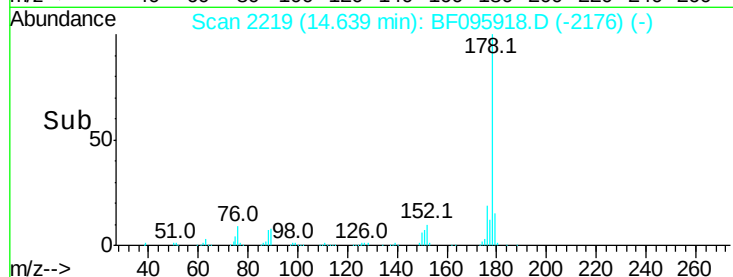
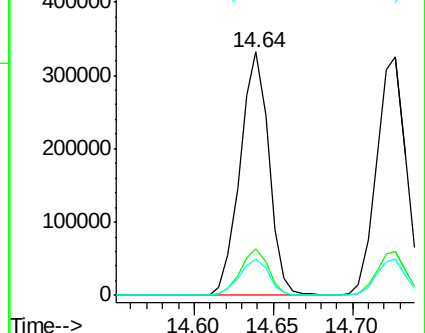
179 15.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 41.62 ng

RT: 14.73 min Scan# 2234

Delta R.T. -0.05 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

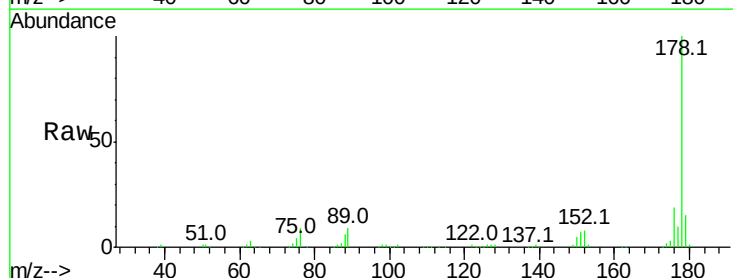
Tgt Ion:178 Resp: 437304

Ion Ratio Lower Upper

178 100

176 18.5 15.8 23.8

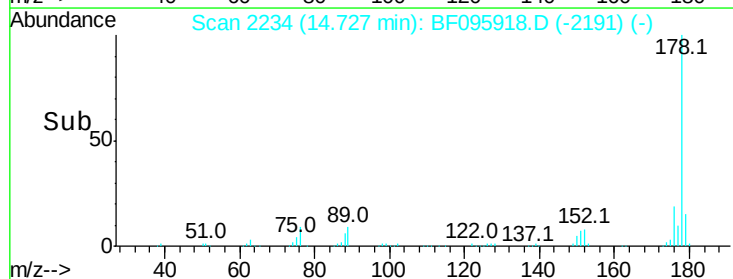
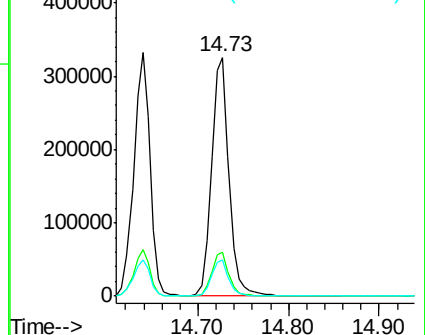
179 15.0 12.7 19.1

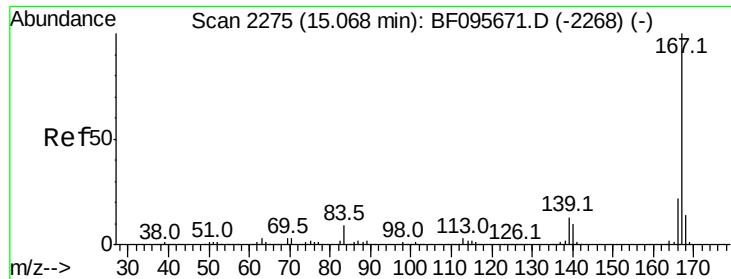


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

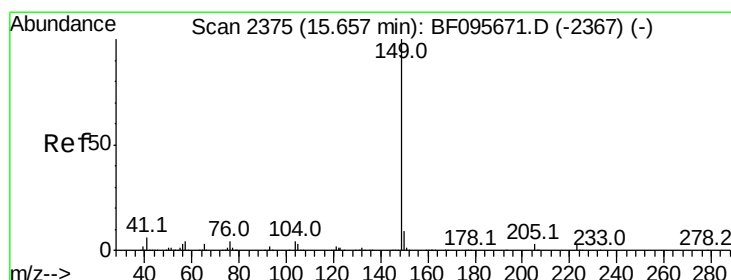
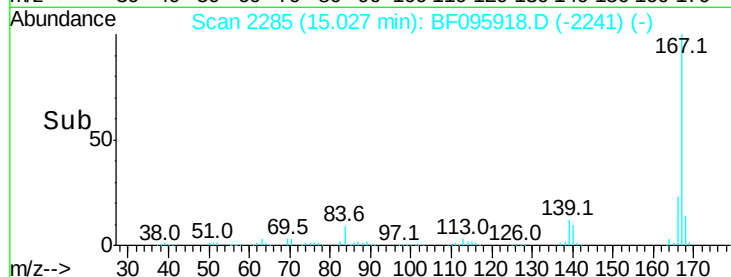
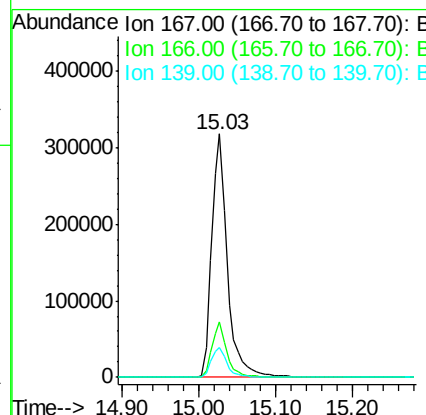
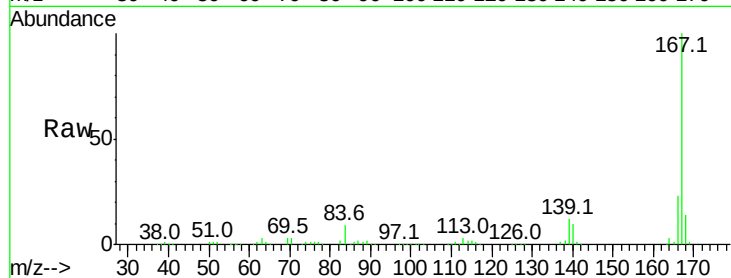




#72
 Carbazole
 Concen: 43.27 ng
 RT: 15.03 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

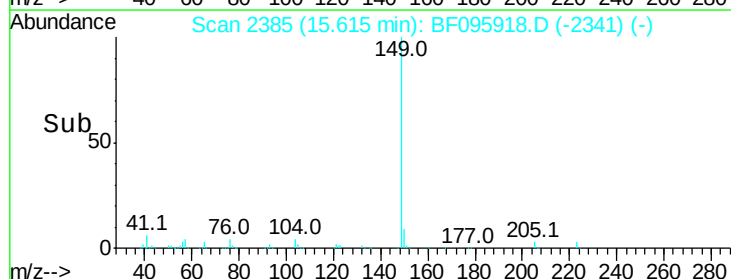
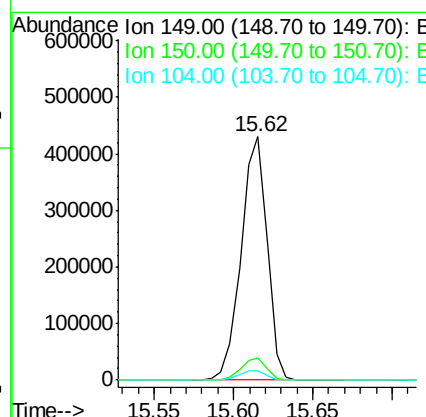
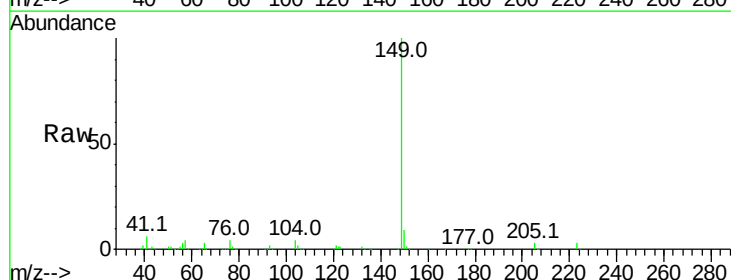
Instrument :
 BNA_F
 ClientSampleId :

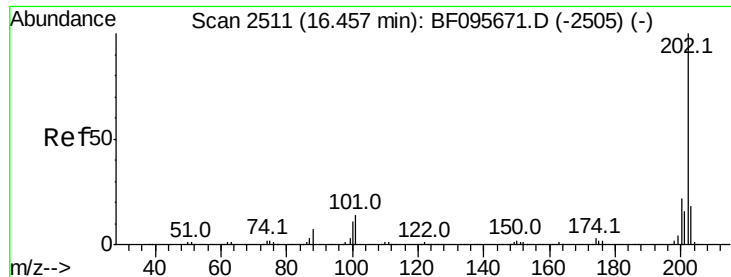
Tot Ion:167 Resp: 443060
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 12.1 11.7 17.5



#73
 Di-n-butylphthalate
 Concen: 44.70 ng
 RT: 15.62 min Scan# 2385
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion:149 Resp: 486993
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 3.9 4.0 6.0#

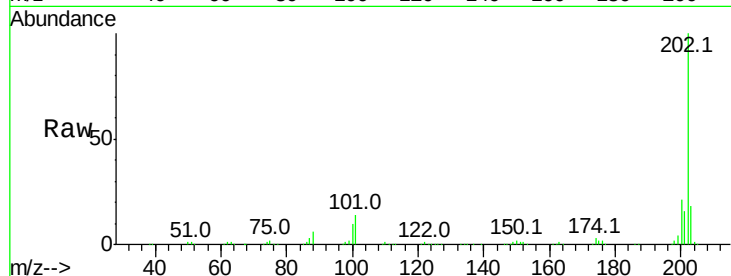




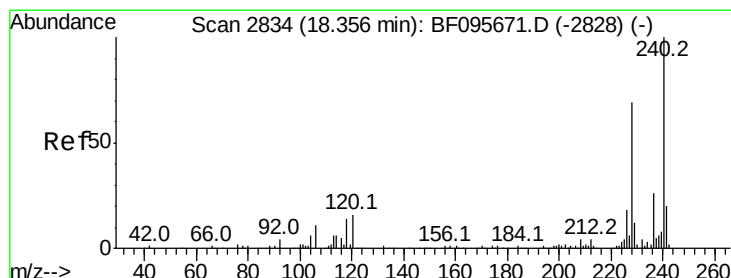
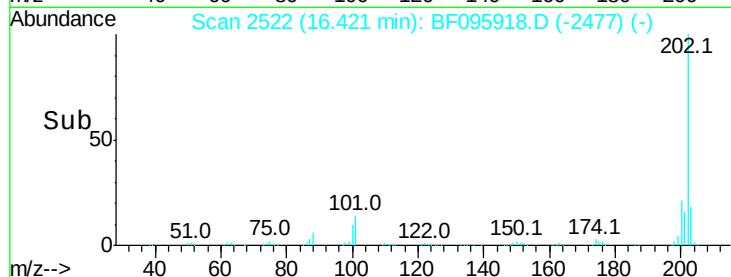
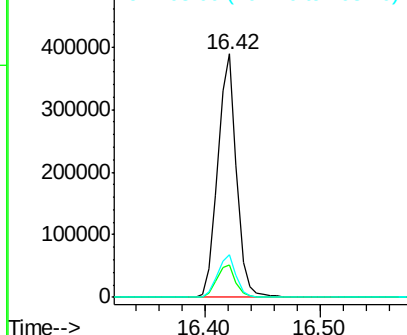
#74
 Fluoranthene
 Concen: 43.80 ng
 RT: 16.42 min Scan# 2522
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 436381
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 33.2
 203 17.6 0.0 38.1

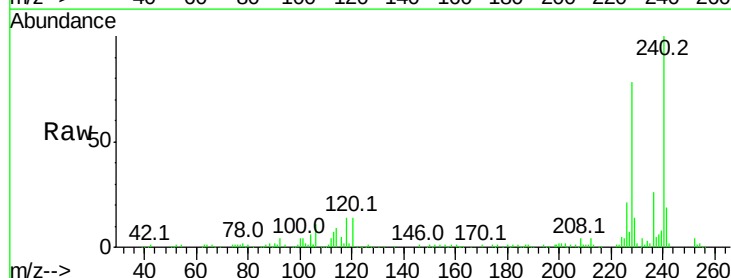


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

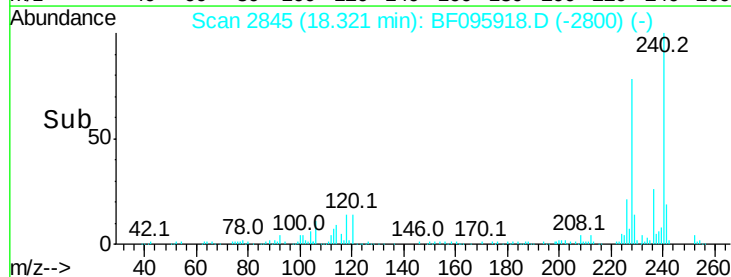
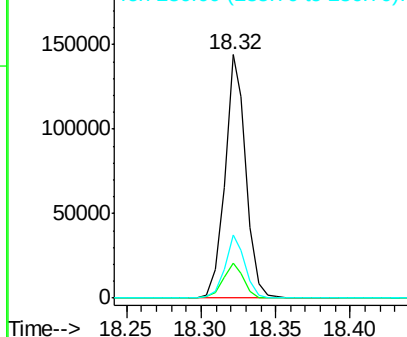


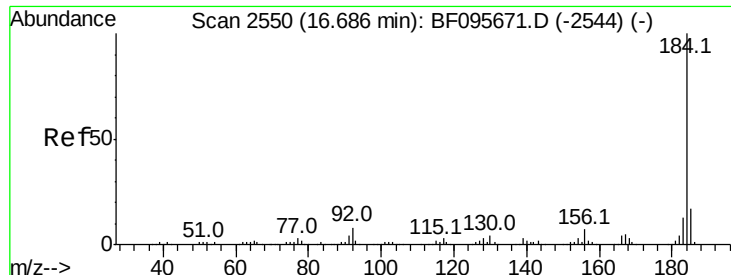
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.04 min
 Lab File: BF095918.D
 Acq: 14 Jun 2017 5:43

Tgt Ion:240 Resp: 141872
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 25.8 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

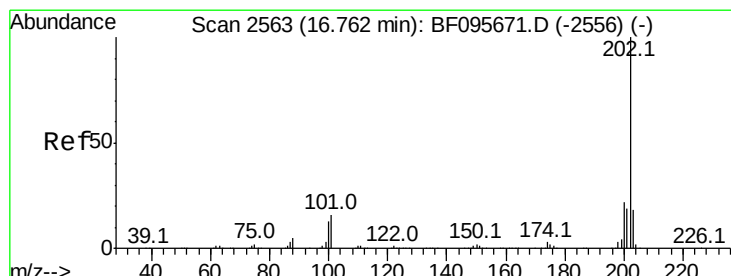
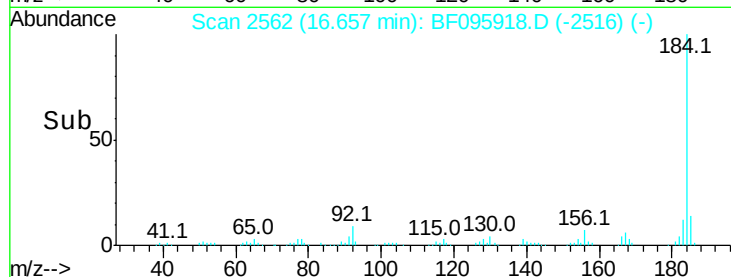
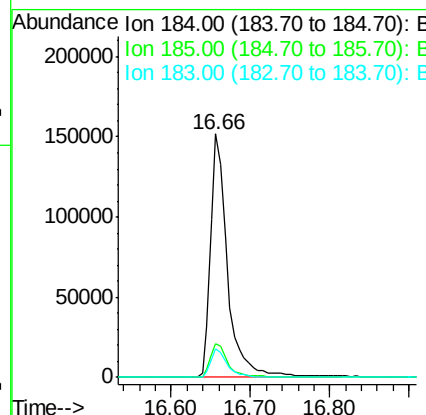
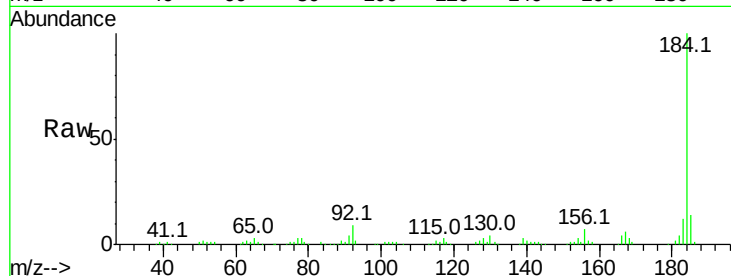




#76
Benzidine
Concen: 42.08 ng
RT: 16.66 min Scan# 2562
Delta R.T. -0.03 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

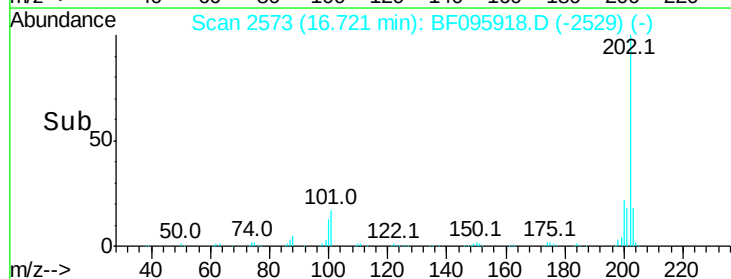
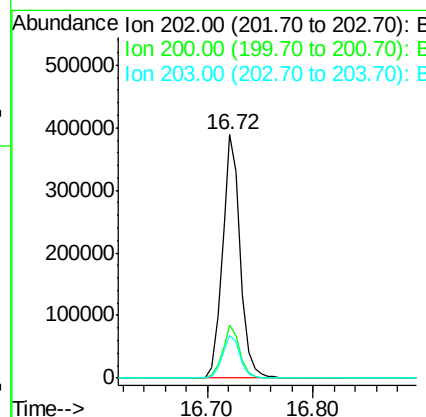
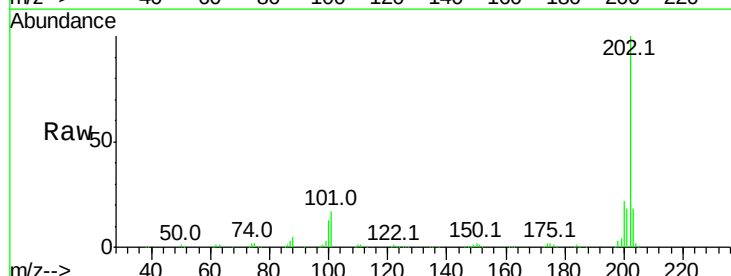
Instrument :
BNA_F
ClientSampleId :

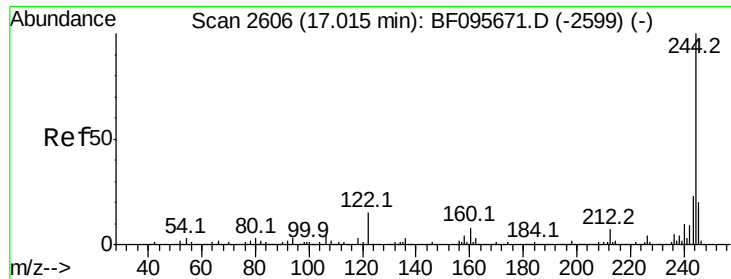
Tot Ion:184 Resp: 229276
Ion Ratio Lower Upper
184 100
185 13.6 15.5 23.3#
183 11.6 9.8 14.6



#77
Pyrene
Concen: 43.03 ng
RT: 16.72 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:202 Resp: 455467
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.7 14.4 21.6





#78

Terphenyl-d14

Concen: 88.27 ng

RT: 16.97 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampled :

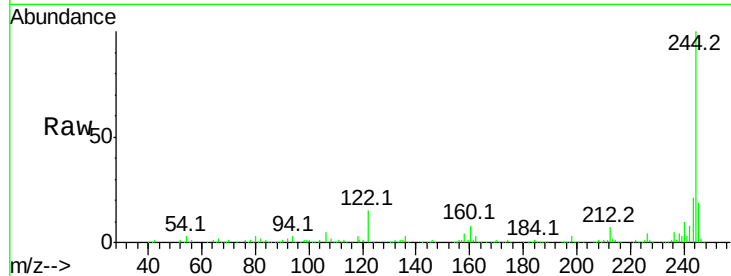
Tot Ion:244 Resp: 504614

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

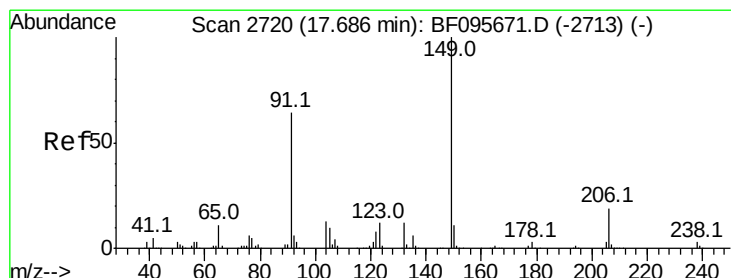
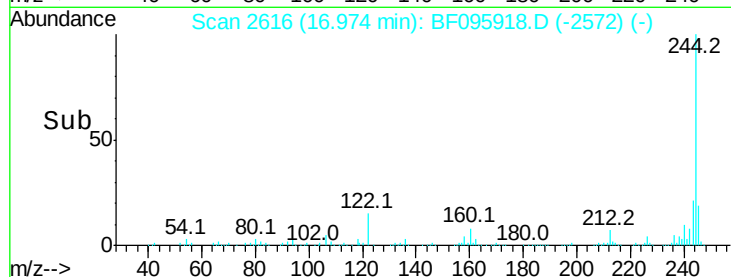
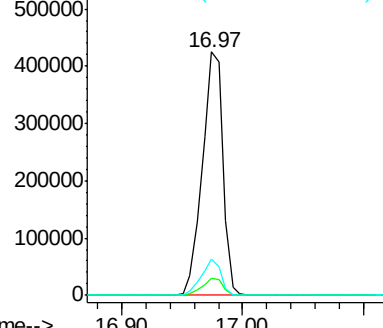
122 14.9 10.3 15.5



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: 45.15 ng

RT: 17.64 min Scan# 2730

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

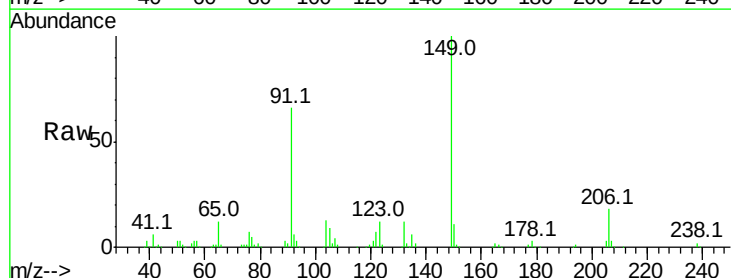
Tgt Ion:149 Resp: 208722

Ion Ratio Lower Upper

149 100

91 66.1 45.0 67.4

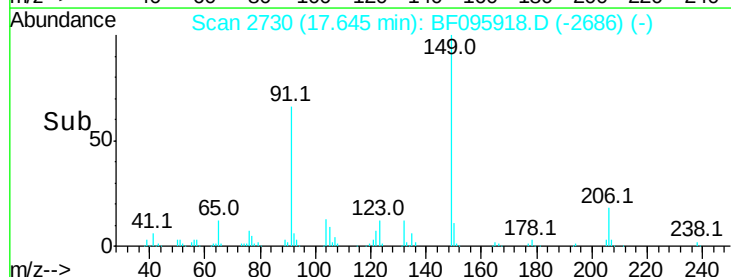
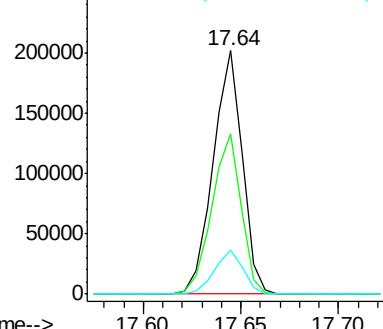
206 17.8 17.0 25.6

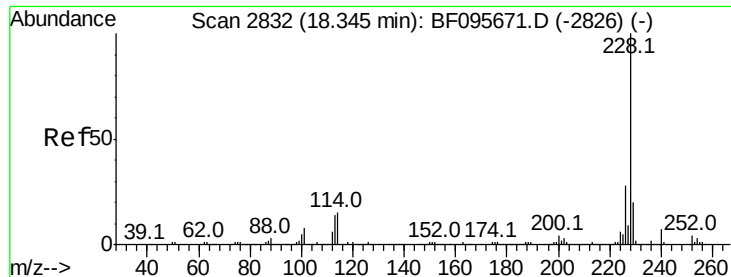


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

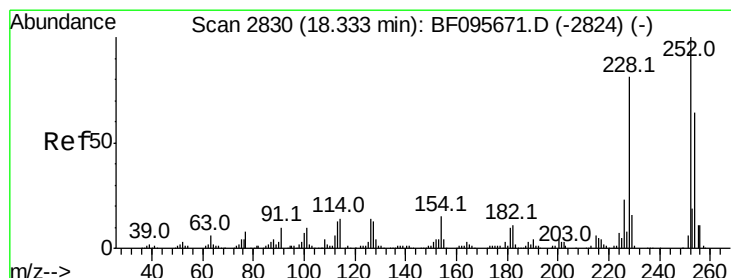
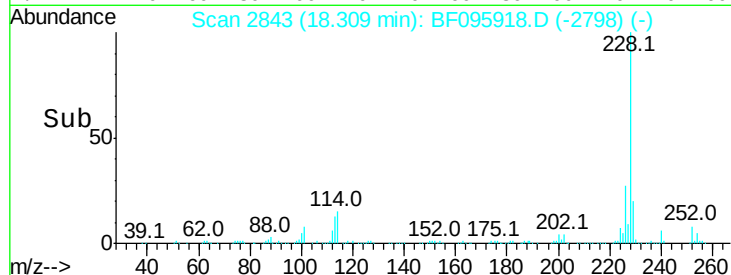
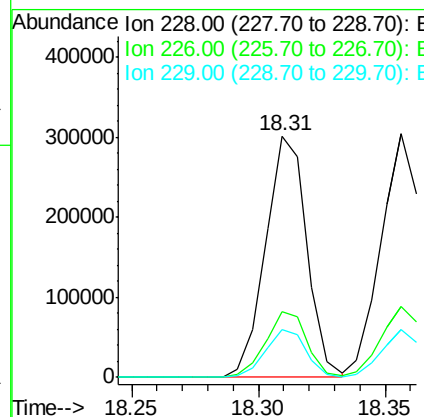
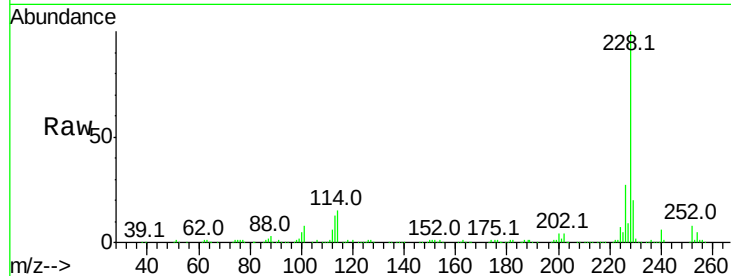




#80
Benzo(a)anthracene
Concen: 41.61 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

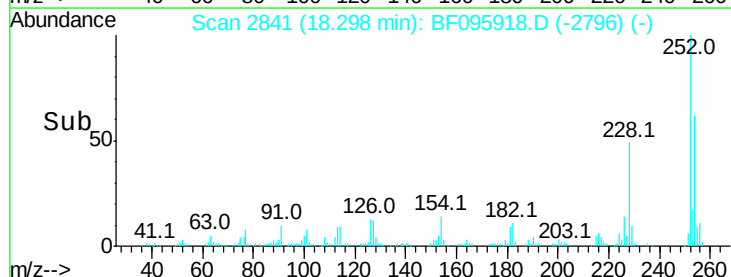
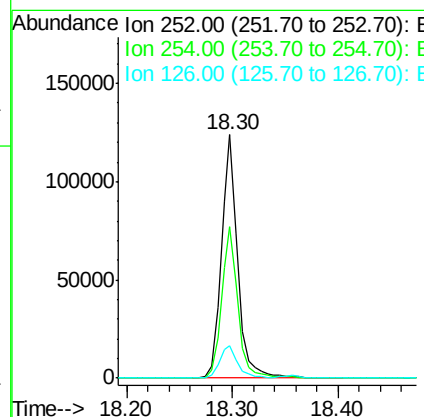
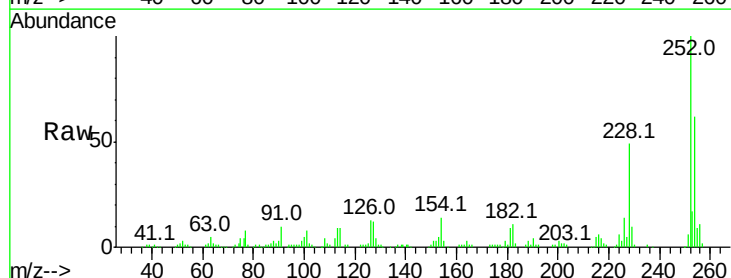
Instrument :
BNA_F
ClientSampleId :

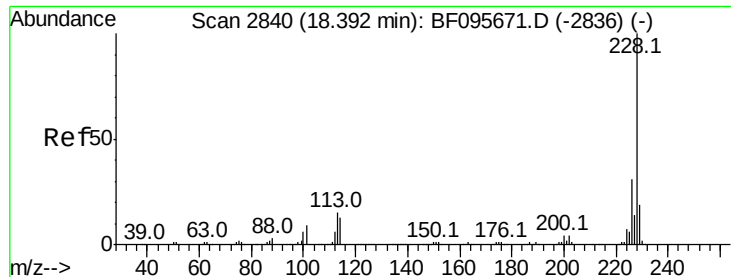
Tot Ion:228 Resp: 343191
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.8 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 45.90 ng
RT: 18.30 min Scan# 2841
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:252 Resp: 134611
Ion Ratio Lower Upper
252 100
254 62.0 51.5 77.3
126 13.1 15.8 23.8#





#82

Chrysene

Concen: 41.10 ng

RT: 18.36 min Scan# 2851

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

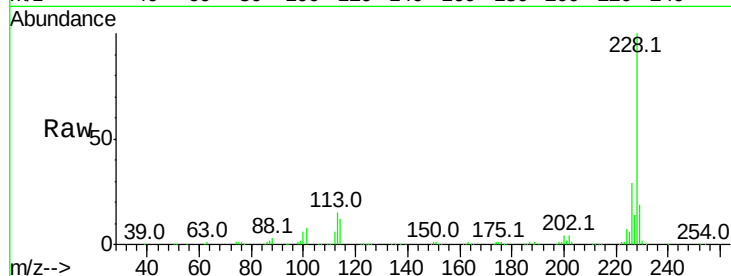
Tot Ion:228 Resp: 338777

Ion Ratio Lower Upper

228 100

226 29.0 24.9 37.3

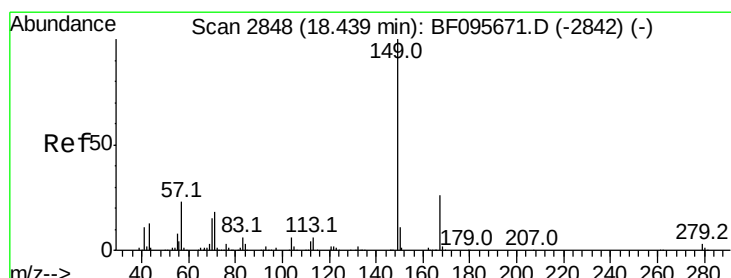
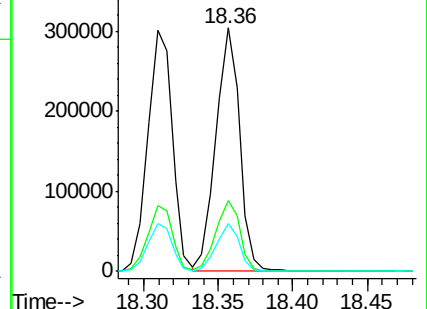
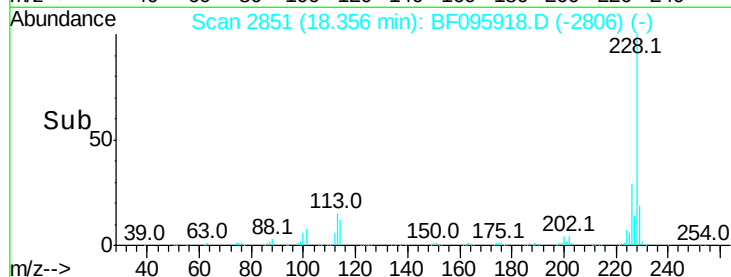
229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.20 ng

RT: 18.40 min Scan# 2858

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

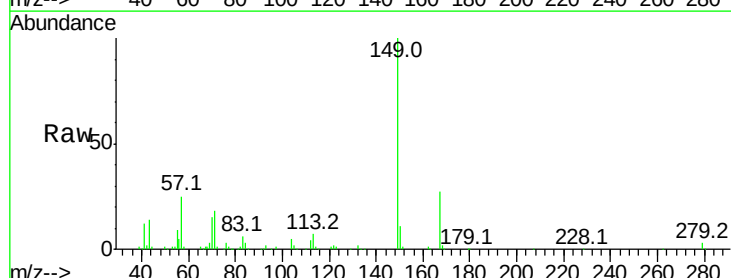
Tgt Ion:149 Resp: 294773

Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

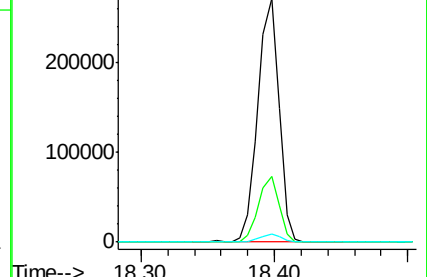
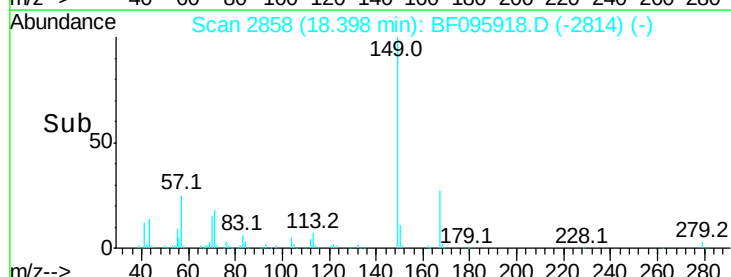
279 3.4 1.9 2.9#

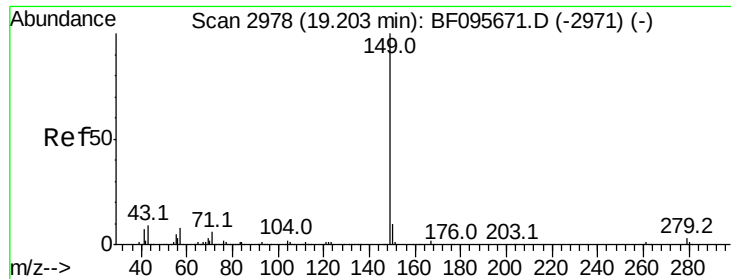


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

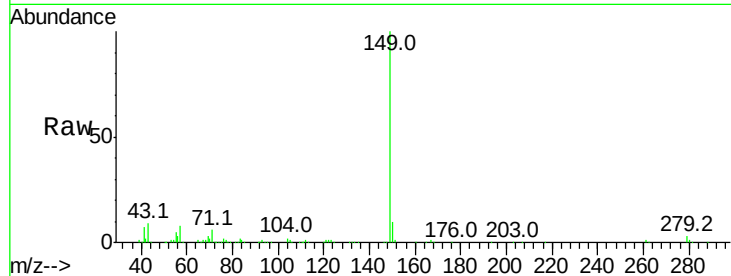




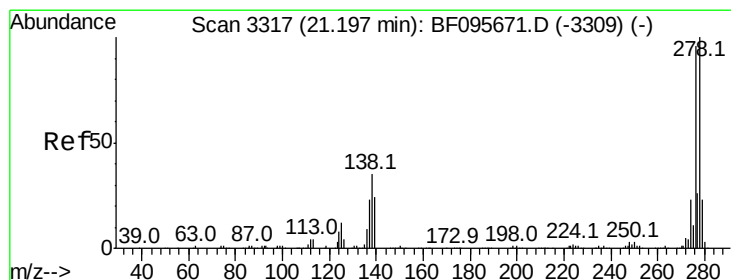
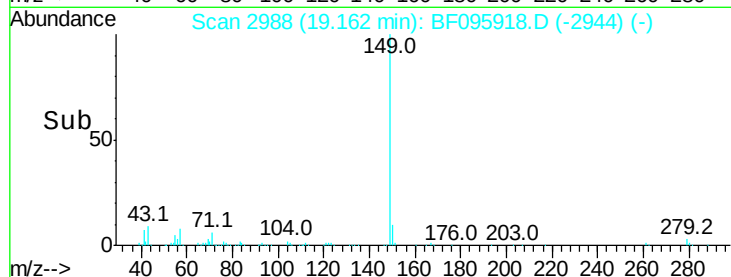
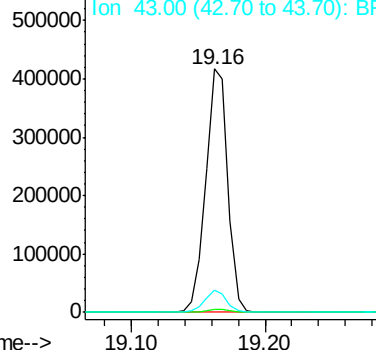
#84
Di-n-octyl phthalate
Concen: 44.62 ng
RT: 19.16 min Scan# 2988
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 479459
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.8 8.5 12.7

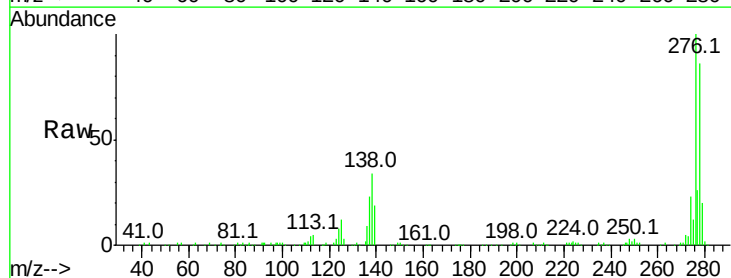


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

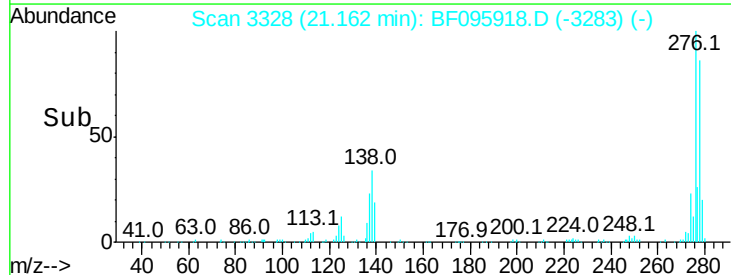
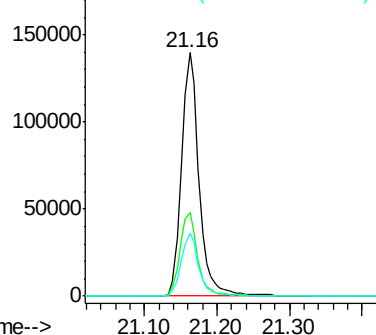


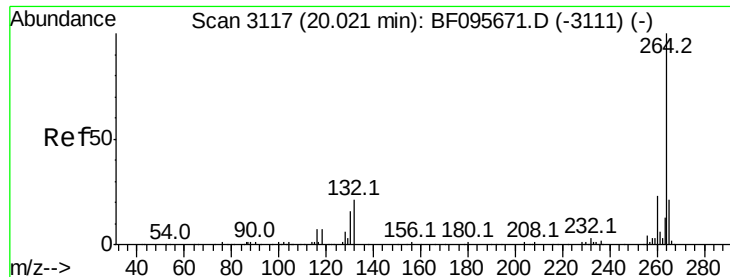
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.39 ng
RT: 21.16 min Scan# 3328
Delta R.T. -0.04 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:276 Resp: 235527
Ion Ratio Lower Upper
276 100
138 34.9 27.8 41.6
277 25.7 20.2 30.4



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

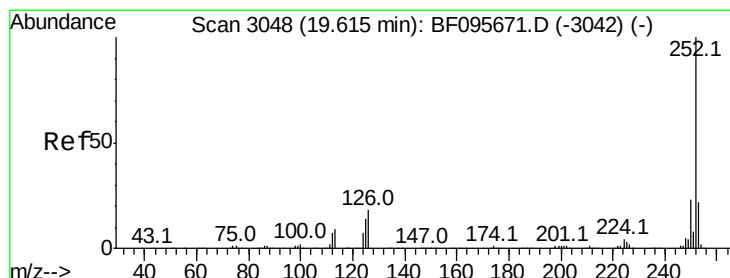
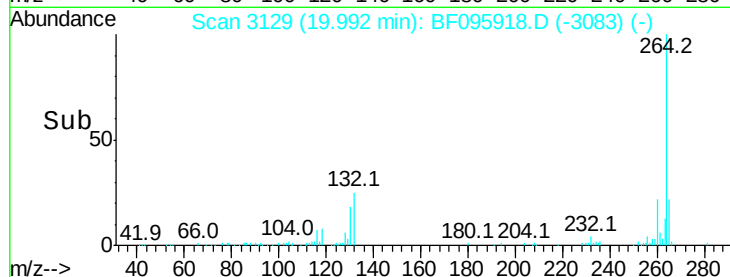
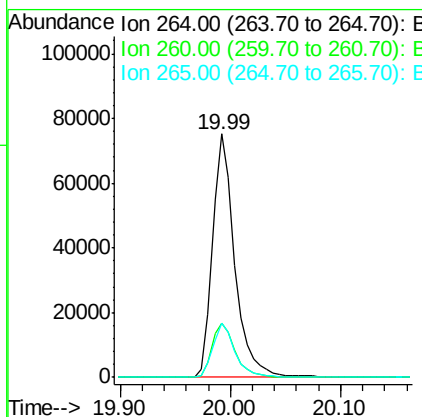
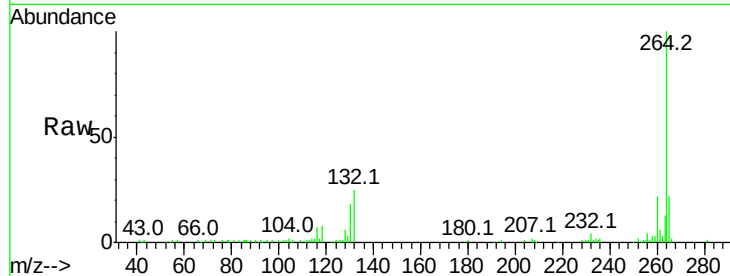




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

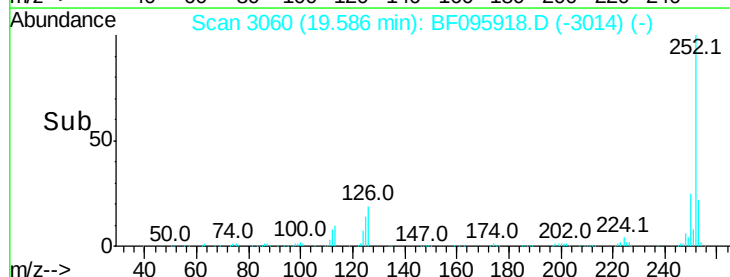
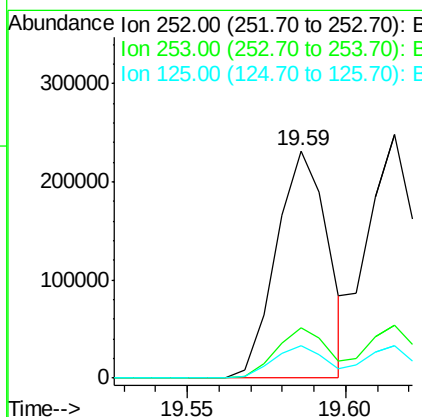
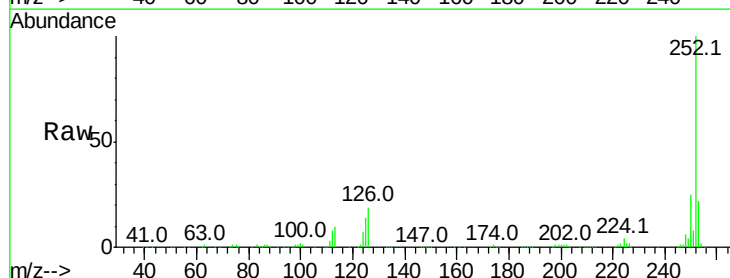
Instrument :
BNA_F
ClientSampleId :

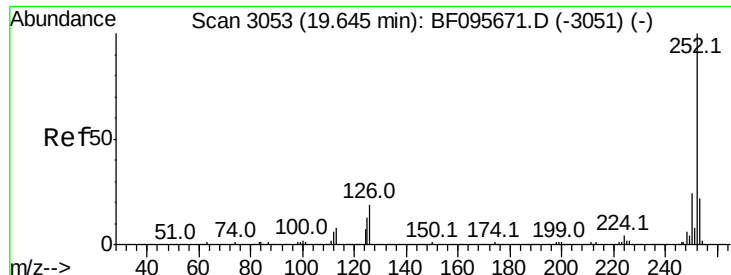
Tot Ion:264 Resp: 103477
Ion Ratio Lower Upper
264 100
260 22.4 19.5 29.3
265 22.3 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 40.51 ng
RT: 19.59 min Scan# 3060
Delta R.T. -0.03 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion:252 Resp: 262454
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 14.2 9.8 14.8

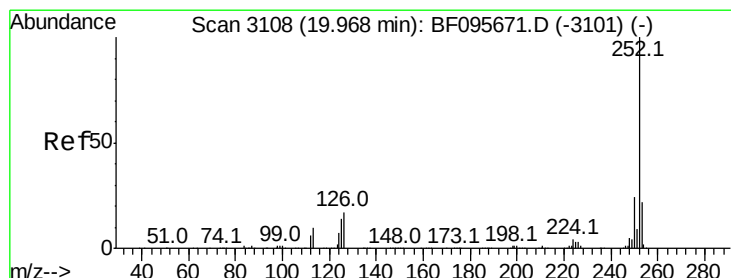
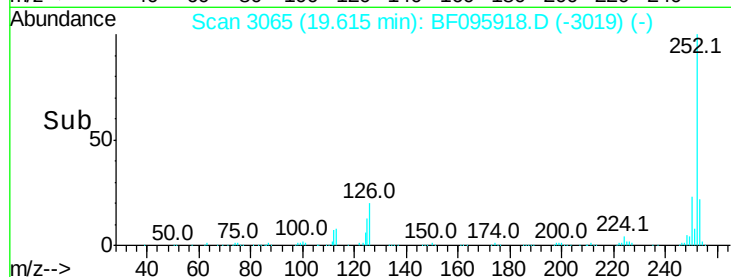
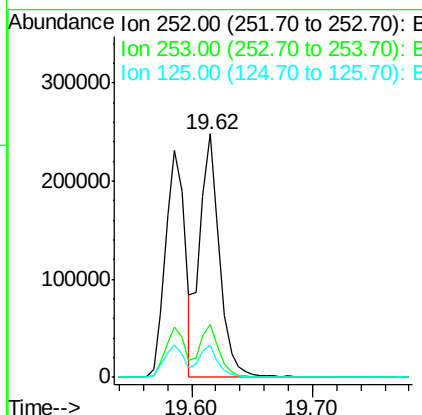
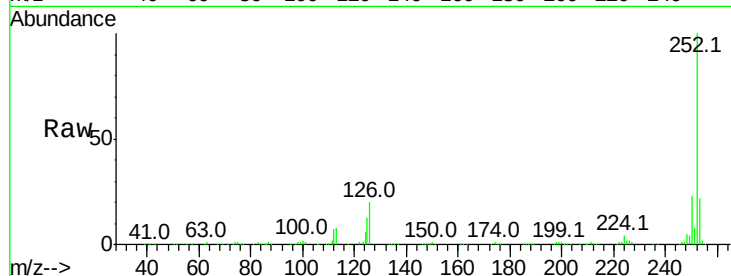




#88
Benzo(k)fluoranthene
Concen: 45.42 ng
RT: 19.62 min Scan# 3065
Delta R.T. -0.03 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

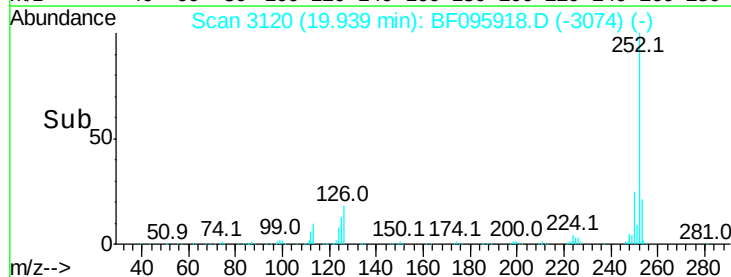
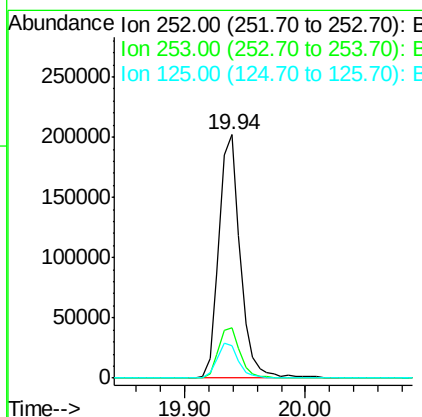
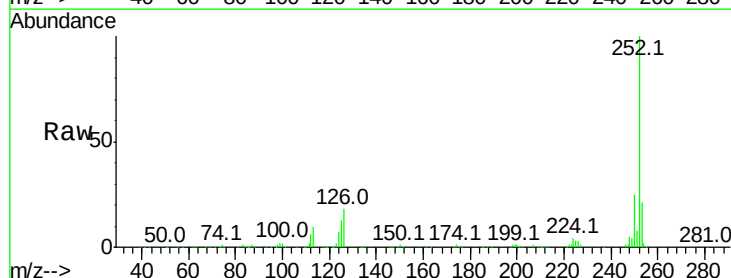
Instrument :
BNA_F
ClientSampleId :

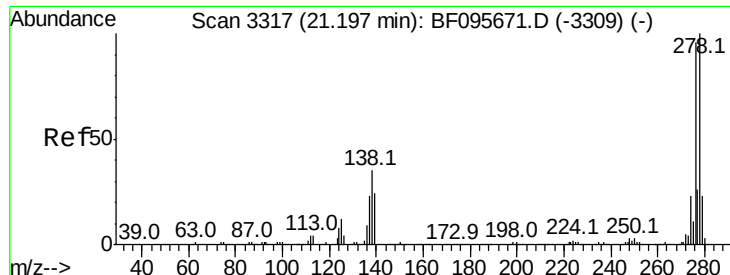
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.3	13.1	19.7



#89
Benzo(a)pyrene
Concen: 41.50 ng
RT: 19.94 min Scan# 3120
Delta R.T. -0.03 min
Lab File: BF095918.D
Acq: 14 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	13.3	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 40.23 ng

RT: 21.16 min Scan# 3328

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

Instrument :

BNA_F

ClientSampleId :

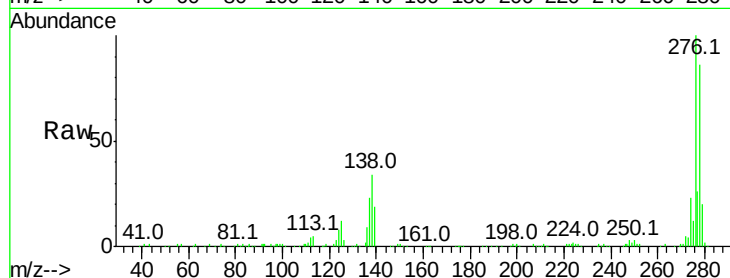
Tot Ion:278 Resp: 203247

Ion Ratio Lower Upper

278 100

139 21.6 16.6 24.8

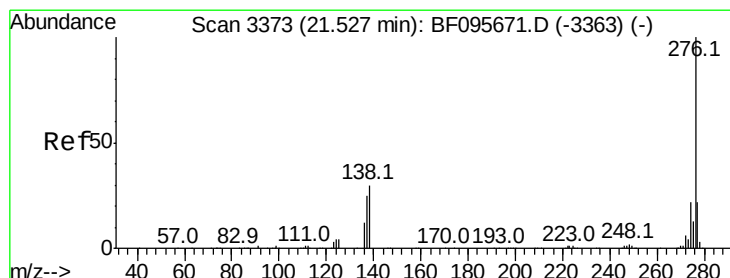
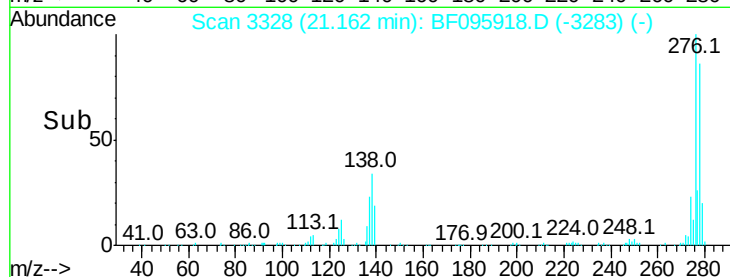
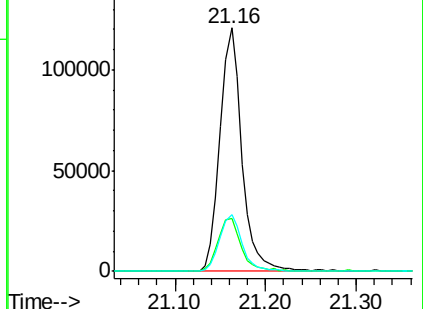
279 23.4 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 38.97 ng

RT: 21.49 min Scan# 3384

Delta R.T. -0.04 min

Lab File: BF095918.D

Acq: 14 Jun 2017 5:43

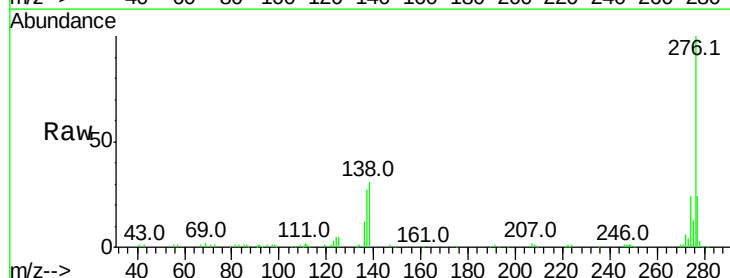
Tgt Ion:276 Resp: 200708

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 30.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

