

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095848.D
 Acq On : 10 Jun 2017 15:21
 Operator : SJ/MA
 Sample : PB99662BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 03:48:15 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	7.37	152	56331	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	234847	20.00	ng	-0.04
38) Acenaphthene-d10	12.23	164	108754	20.00	ng	-0.03
63) Phenanthrene-d10	14.62	188	209181	20.00	ng	-0.03
75) Chrysene-d12	18.34	240	160769	20.00	ng	-0.02
86) Perylene-d12	20.00	264	117140	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	507364	143.52	ng	-0.02
7) Phenol-d6	6.93	99	588880	139.14	ng	-0.02
23) Nitrobenzene-d5	8.29	82	343955	90.96	ng	-0.04
41) 2,4,6-Tribromophenol	13.53	330	129075	134.14	ng	-0.02
44) 2-Fluorobiphenyl	11.18	172	684384	87.57	ng	-0.04
78) Terphenyl-d14	17.00	244	659945	101.87	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	1.75	88	60632	36.05	ng	97
3) Pyridine	2.30	79	149354	37.79	ng	94
4) n-Nitrosodimethylamine	2.26	42	65828	43.81	ng	# 77
6) Aniline	6.87	93	149381	26.98	ng	95
8) 2-Chlorophenol	7.05	128	182866	48.65	ng	97
9) Benzaldehyde	6.67	77	65005	22.77	ng	98
10) Phenol	6.95	94	226010	51.48	ng	90
11) bis(2-Chloroethyl)ether	7.01	93	162394	46.69	ng	98
12) 1,3-Dichlorobenzene	7.27	146	192392	45.22	ng	98
13) 1,4-Dichlorobenzene	7.39	146	195080	45.21	ng	96
14) 1,2-Dichlorobenzene	7.63	146	184382	46.36	ng	96
15) Benzyl Alcohol	7.67	79	145294	50.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.87	45	221322	45.29	ng	96
17) 2-Methylphenol	7.90	107	151777	48.12	ng	97
18) Hexachloroethane	8.15	117	66284	46.52	ng	88
19) n-Nitroso-di-n-propylamine	8.10	70	124857	46.55	ng	94
20) 3+4-Methylphenols	8.17	107	198758	49.64	ng	# 59
22) Acetophenone	8.06	105	248438	45.20	ng	# 84
24) Nitrobenzene	8.32	77	176599	43.72	ng	91
25) Isophorone	8.72	82	315912	44.74	ng	# 94
26) 2-Nitrophenol	8.83	139	100922	47.71	ng	98
27) 2,4-Dimethylphenol	8.98	122	159200	48.50	ng	97
28) bis(2-Chloroethoxy)methane	9.10	93	205837	44.23	ng	97
29) 2,4-Dichlorophenol	9.26	162	151438	47.90	ng	98
30) 1,2,4-Trichlorobenzene	9.33	180	148280	45.08	ng	99
31) Naphthalene	9.43	128	520266	44.14	ng	99
32) Benzoic acid	9.30	122	5343	7.44	ng	# 71
33) 4-Chloroaniline	9.59	127	108155	23.48	ng	# 93
34) Hexachlorobutadiene	9.66	225	72828	42.85	ng	95
35) Caprolactam	10.22	113	29960	31.85	ng	93
36) 4-Chloro-3-methylphenol	10.46	107	161333	48.75	ng	90
37) 2-Methylnaphthalene	10.56	142	360283	45.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	140957	43.31	ng	98
40) Hexachlorocyclopentadiene	10.82	237	72957	72.70	ng	97

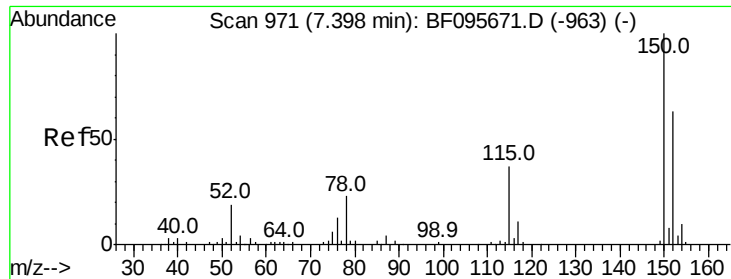
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095848.D
 Acq On : 10 Jun 2017 15:21
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	93706	44.78	nq	97
43) 2,4,5-Trichlorophenol	11.16	196	95017	42.69	nq	93
45) 1,1'-Biphenyl	11.33	154	406505	45.35	nq	96
46) 2-Chloronaphthalene	11.34	162	314315	44.88	nq	96
47) 2-Nitroaniline	11.56	65	96511	47.09	nq	# 81
48) Acenaphthylene	12.00	152	504971	42.17	nq	99
49) Dimethylphthalate	11.89	163	376705	45.62	nq	99
50) 2,6-Dinitrotoluene	11.98	165	83500	46.36	nq	# 84
51) Acenaphthene	12.28	154	300205	43.40	nq	99
52) 3-Nitroaniline	12.24	138	65103	31.02	nq	89
53) 2,4-Dinitrophenol	12.50	184	12982	18.17	nq	# 64
54) Dibenzofuran	12.56	168	463759	47.64	nq	97
55) 4-Nitrophenol	12.66	139	103587	84.28	nq	# 74
56) 2,4-Dinitrotoluene	12.65	165	118501	48.71	nq	# 87
57) Fluorene	13.12	166	370493	43.73	nq	97
58) 2,3,4,6-Tetrachlorophenol	12.82	232	73405	48.20	nq	# 95
59) Diethylphthalate	13.03	149	380767	47.92	nq	100
60) 4-Chlorophenyl-phenylether	13.14	204	164199	44.57	nq	91
61) 4-Nitroaniline	13.25	138	94095	48.03	nq	96
62) Azobenzene	13.40	77	350945	48.73	nq	94
64) 4,6-Dinitro-2-methylphenol	13.34	198	24826	18.06	nq	# 76
65) n-Nitrosodiphenylamine	13.36	169	323994	43.10	nq	97
66) 4-Bromophenyl-phenylether	13.93	248	93165	42.85	nq	99
67) Hexachlorobenzene	14.02	284	95154	44.42	nq	# 92
68) Atrazine	14.29	200	101653	48.59	nq	97
69) Pentachlorophenol	14.38	266	34741	45.84	nq	93
70) Phenanthrene	14.66	178	554057	45.91	nq	97
71) Anthracene	14.74	178	568556	45.12	nq	98
72) Carbazole	15.04	167	542409	44.17	nq	98
73) Di-n-butylphthalate	15.63	149	636314	48.71	nq	98
74) Fluoranthene	16.44	202	582378	48.75	nq	98
76) Benzidine	16.66	184	234435	37.97	nq	# 93
77) Pyrene	16.74	202	588518	49.06	nq	99
79) Butylbenzylphthalate	17.66	149	265549	50.69	nq	87
80) Benzo(a)anthracene	18.33	228	440416	47.12	nq	98
81) 3,3'-Dichlorobenzidine	18.31	252	75548	22.73	nq	# 96
82) Chrysene	18.37	228	413250	44.24	nq	99
83) Bis(2-ethylhexyl)phthalate	18.41	149	372462	50.40	nq	# 100
84) Di-n-octyl phthalate	19.18	149	543020	44.59	nq	96
85) Indeno(1,2,3-cd)pyrene	21.18	276	351376	43.96	nq	100
87) Benzo(b)fluoranthene	19.60	252	355688	48.49	nq	97
88) Benzo(k)fluoranthene	19.63	252	305388	43.56	nq	96
89) Benzo(a)pyrene	19.95	252	312398	46.34	nq	100
90) Dibenzo(a,h)anthracene	21.18	278	290685	50.83	nq	97
91) Benzo(g,h,i)perylene	21.51	276	313171	53.72	nq	98

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

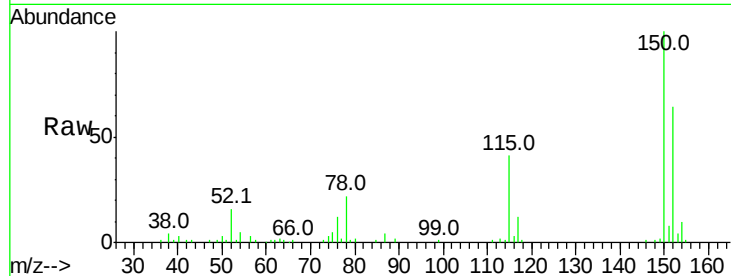


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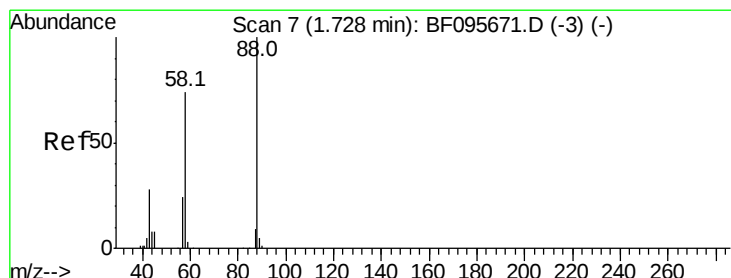
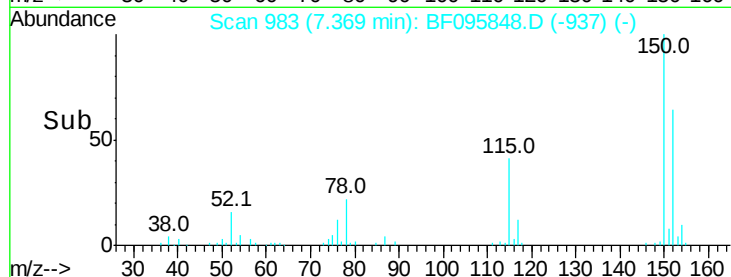
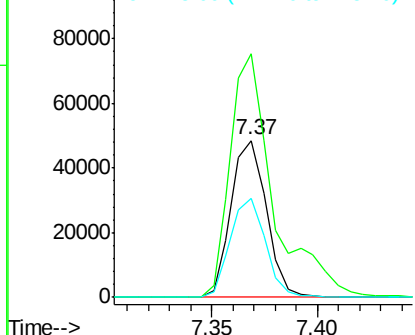
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56331
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 62.9 52.2 78.2



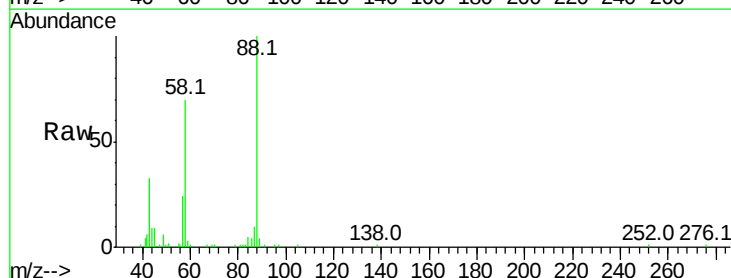
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



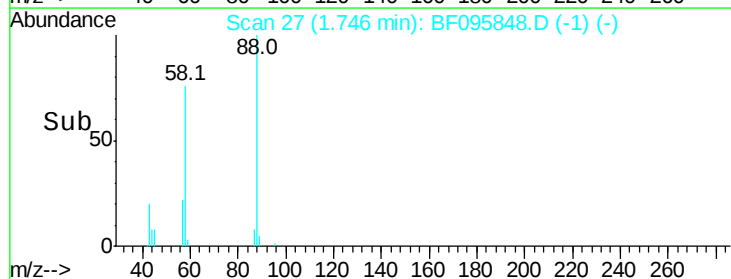
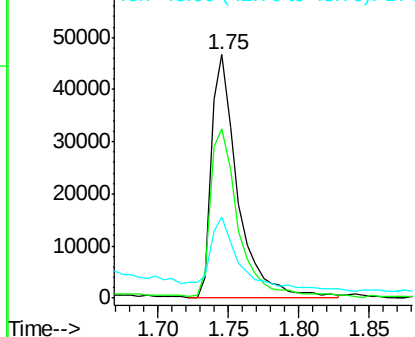
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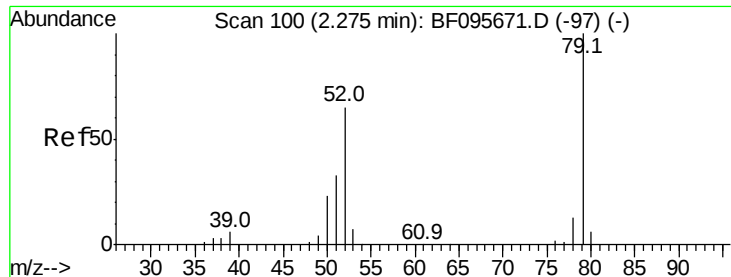
1,4-Dioxane
Concen: 36.05 ng
RT: 1.75 min Scan# 27
Delta R.T. 0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion: 88 Resp: 60632
Ion Ratio Lower Upper
88 100
58 76.1 61.4 92.0
43 34.7 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: 37.79 ng

RT: 2.30 min Scan# 122

Delta R.T. 0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampled :

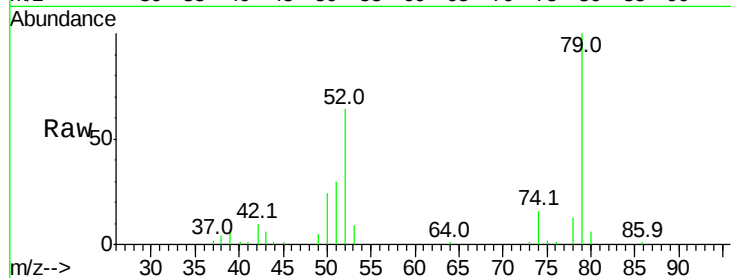
Tot Ion: 79 Resp: 149354

Ion Ratio Lower Upper

79 100

52 64.2 54.8 82.2

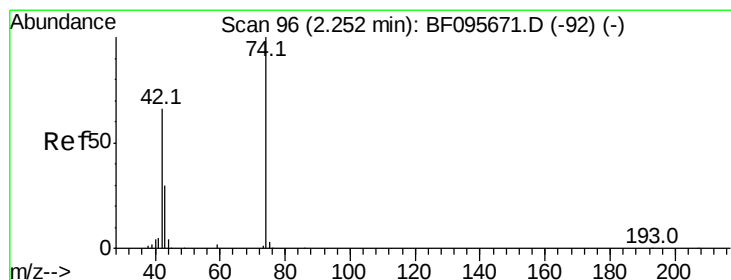
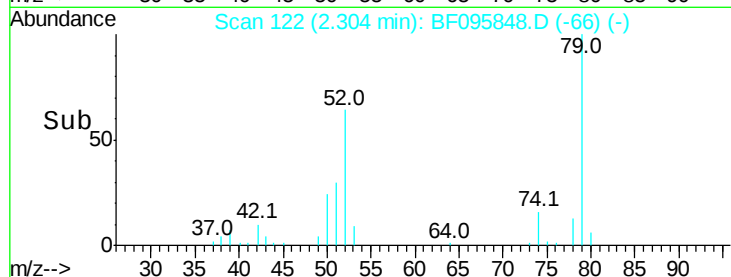
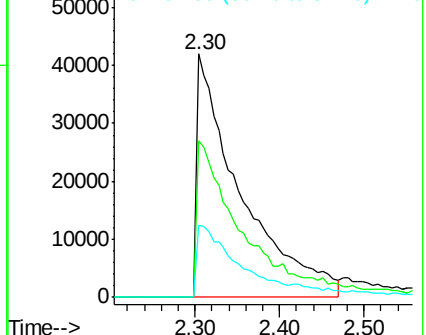
51 29.5 27.0 40.4



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: 43.81 ng

RT: 2.26 min Scan# 114

Delta R.T. 0.01 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

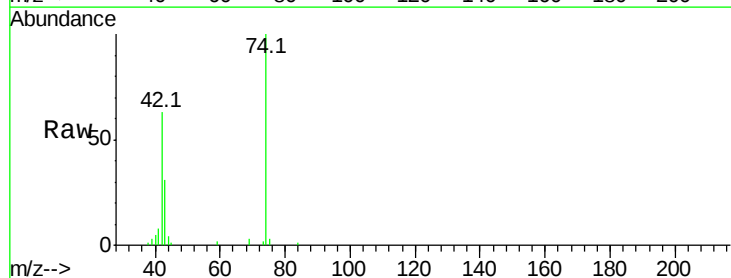
Tgt Ion: 42 Resp: 65828

Ion Ratio Lower Upper

42 100

74 158.6 103.9 155.9#

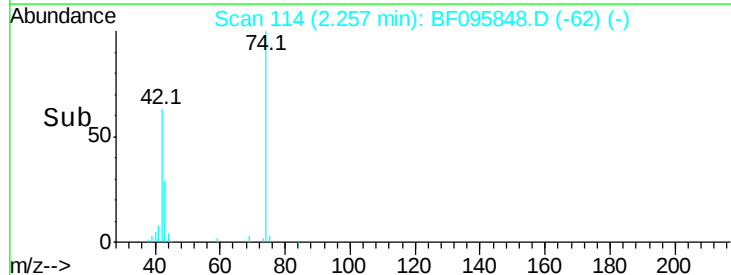
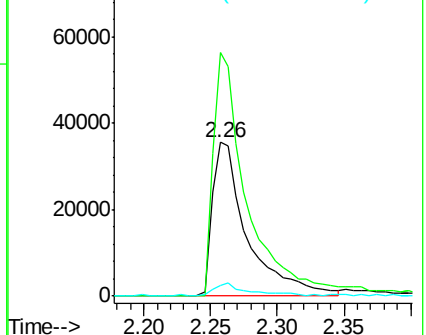
44 6.6 5.7 8.5

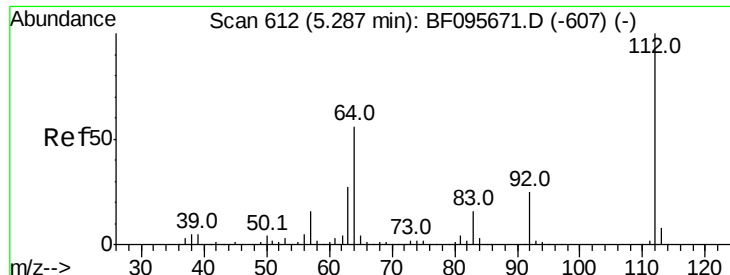


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 143.52 ng

RT: 5.27 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

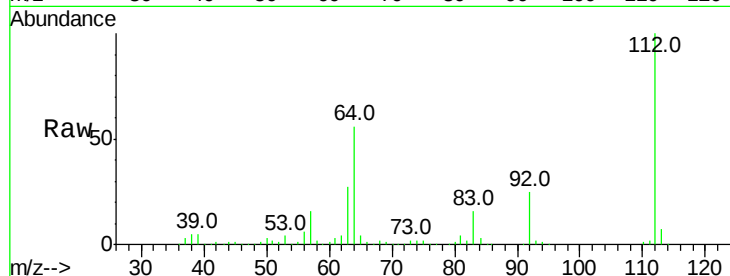
Tot Ion:112 Resp: 507364

Ion Ratio Lower Upper

112 100

64 55.7 46.0 69.0

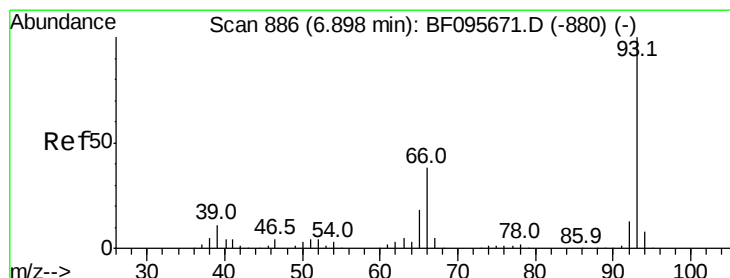
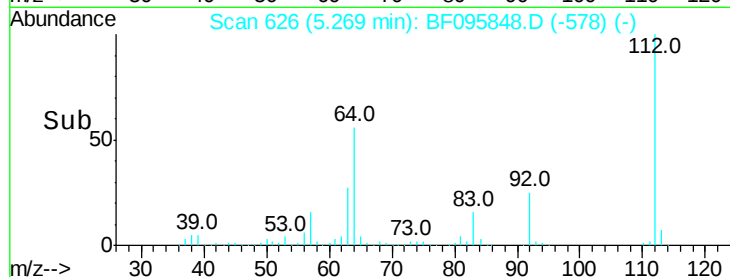
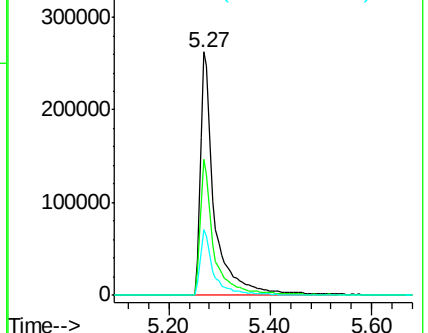
63 27.2 23.4 35.0



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: 26.98 ng

RT: 6.87 min Scan# 898

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

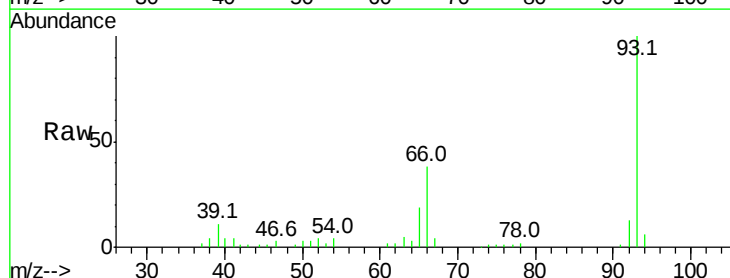
Tgt Ion: 93 Resp: 149381

Ion Ratio Lower Upper

93 100

66 37.5 32.9 49.3

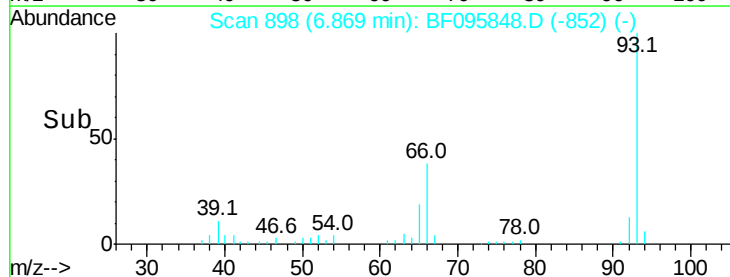
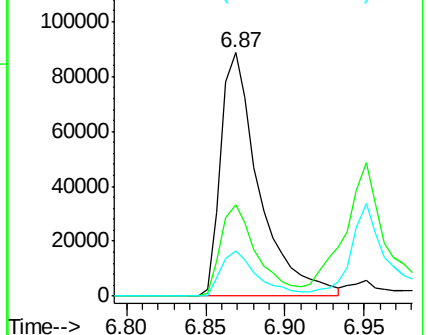
65 18.5 16.0 24.0



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: 139.14 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampled :

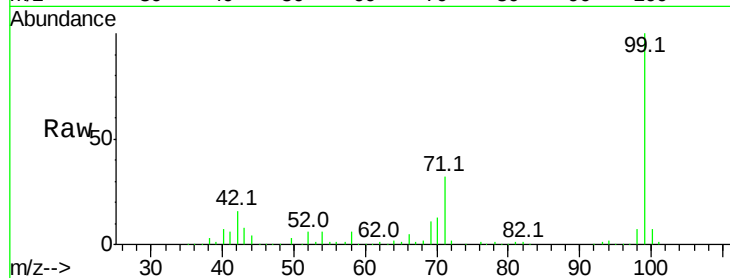
Tot Ion: 99 Resp: 588880

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

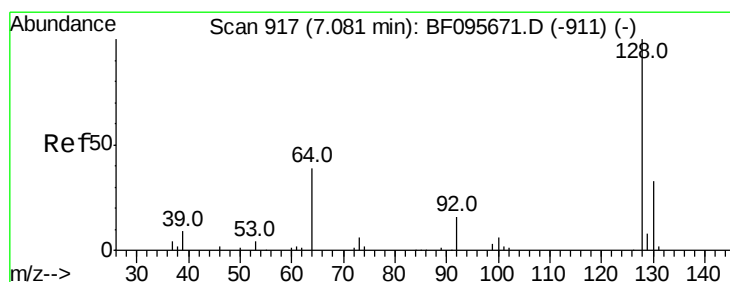
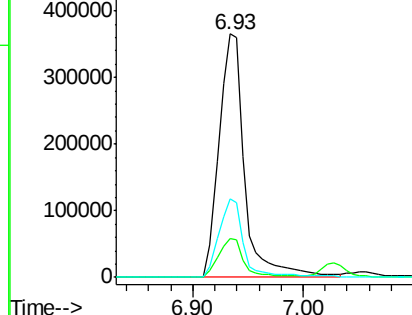
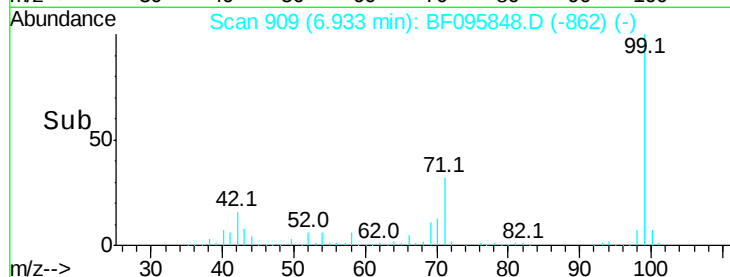
71 32.2 24.5 36.7



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: 48.65 ng

RT: 7.05 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

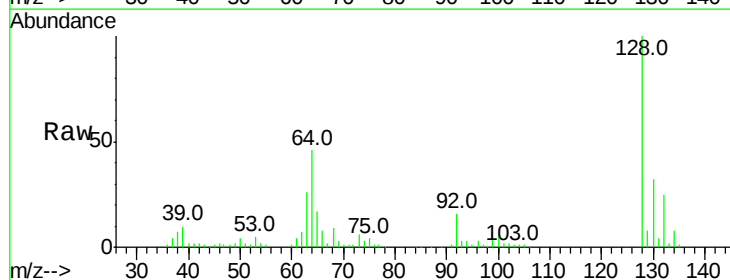
Tgt Ion:128 Resp: 182866

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

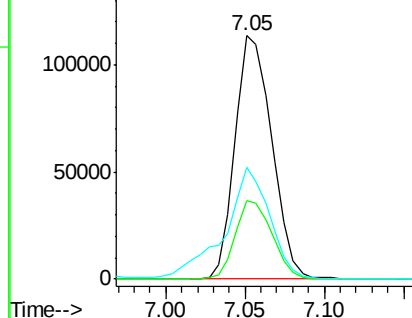
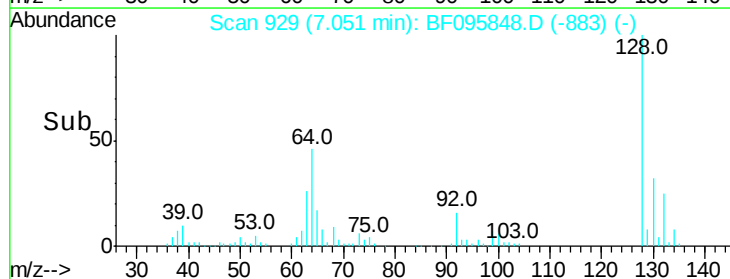
64 46.0 28.4 68.4

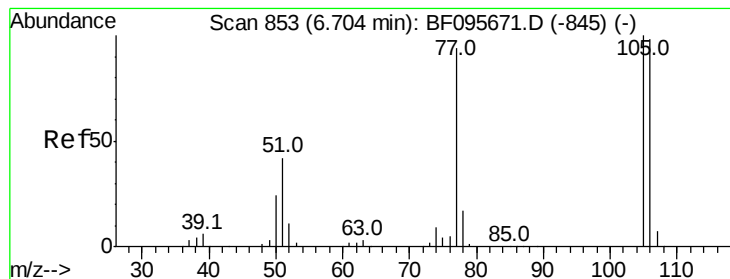


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.77 ng

RT: 6.67 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

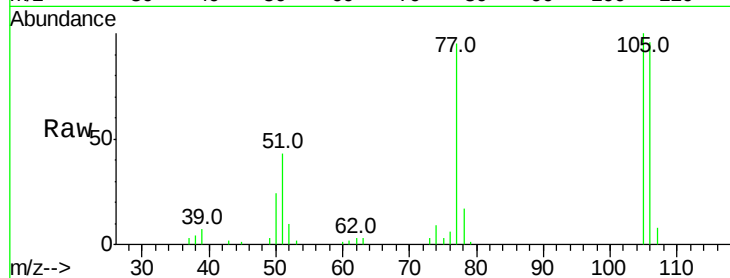
Tot Ion: 77 Resp: 65005

Ion Ratio Lower Upper

77 100

105 105.8 83.8 123.8

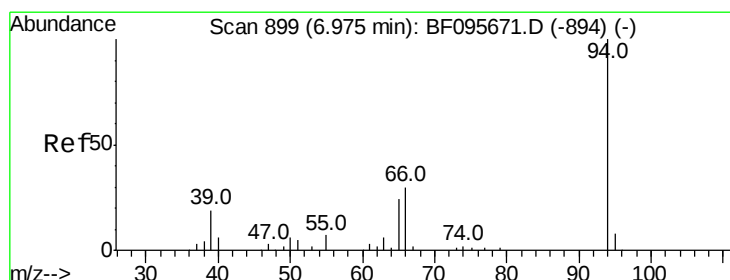
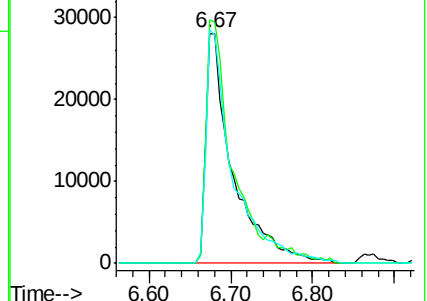
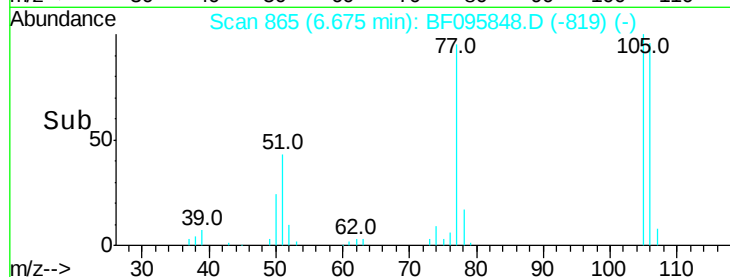
106 101.7 79.1 119.1



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: 51.48 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

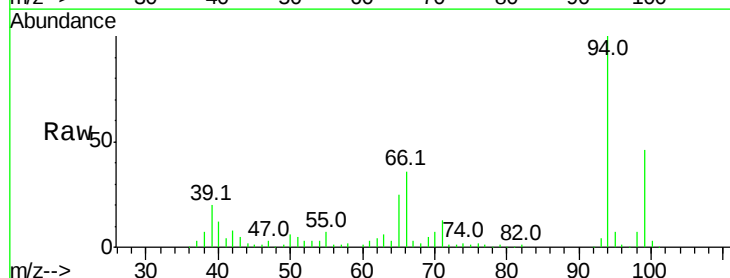
Tgt Ion: 94 Resp: 226010

Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

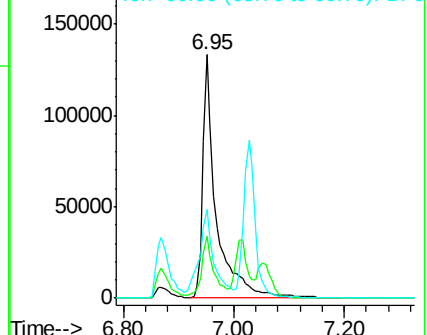
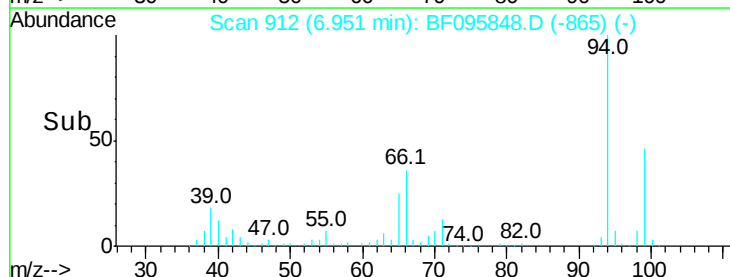
66 36.5 23.1 63.1

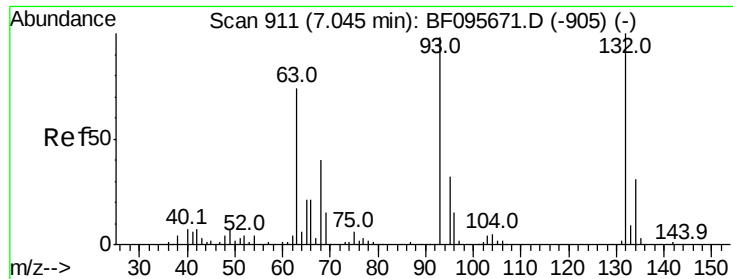


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

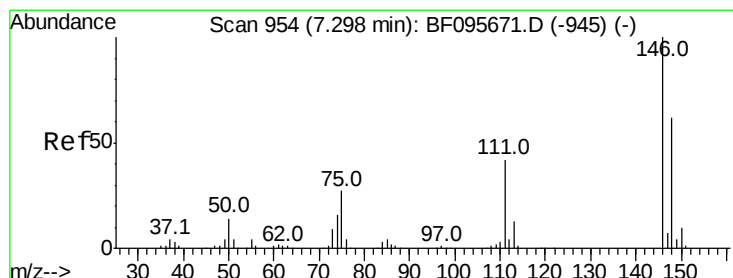
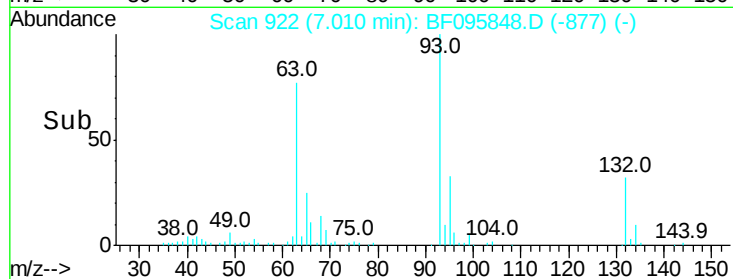
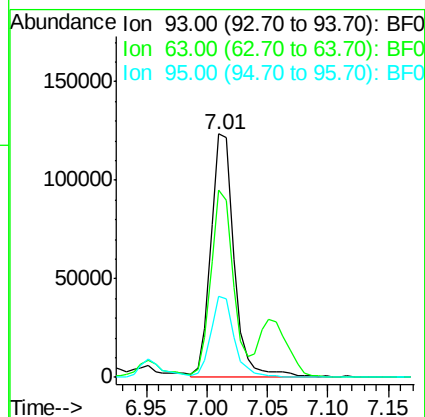
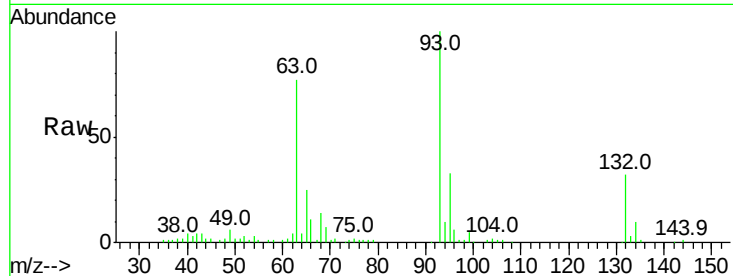




#11
bis(2-Chloroethyl)ether
Concen: 46.69 ng
RT: 7.01 min Scan# 922
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

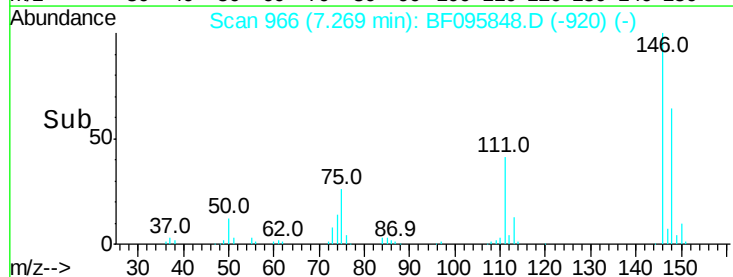
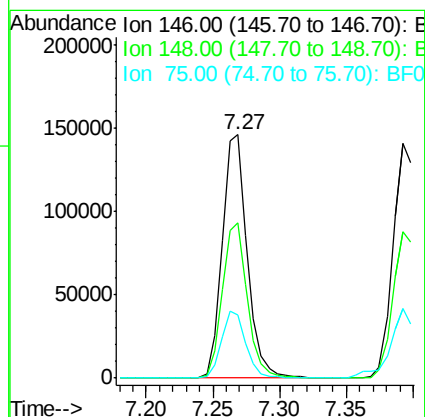
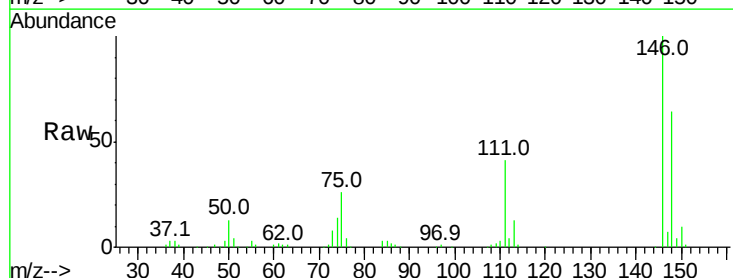
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 162394
Ion Ratio Lower Upper
93 100
63 76.7 59.2 99.2
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.22 ng
RT: 7.27 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion: 146 Resp: 192392
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
75 26.0 23.1 34.7

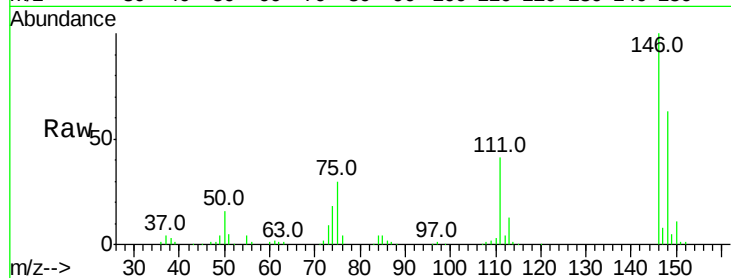




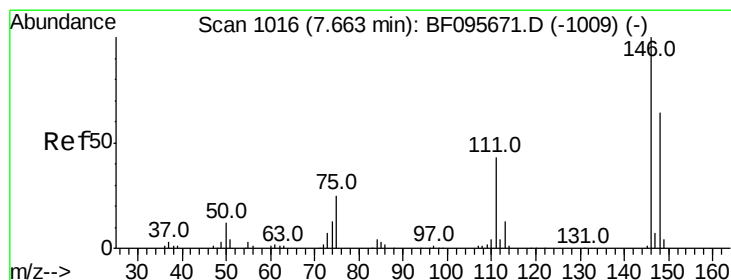
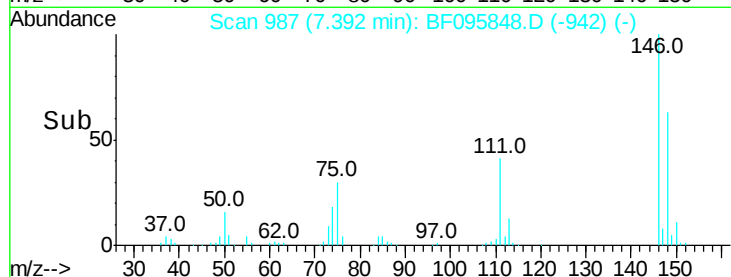
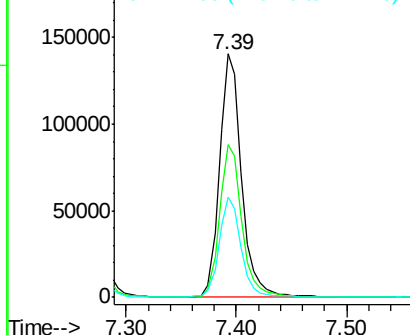
#13
 1,4-Dichlorobenzene
 Concen: 45.21 ng
 RT: 7.39 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 195080
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.2
 111 41.0 30.3 45.5

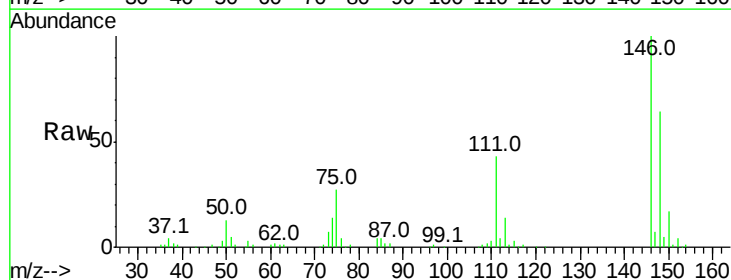


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

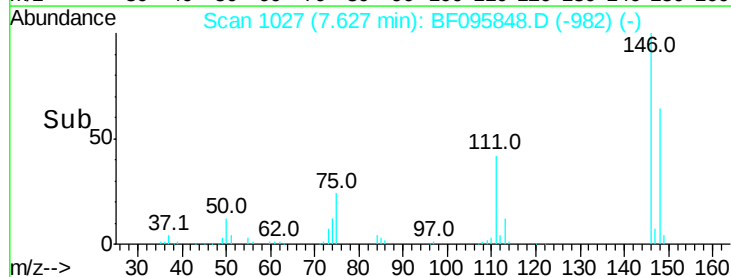
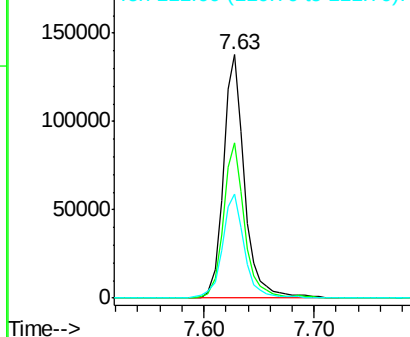


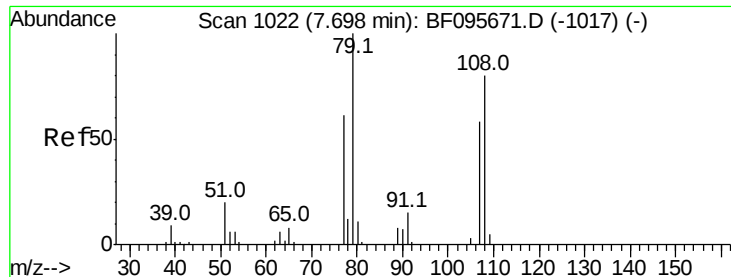
#14
 1,2-Dichlorobenzene
 Concen: 46.36 ng
 RT: 7.63 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion:146 Resp: 184382
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 42.6 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: 50.02 ng

RT: 7.67 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

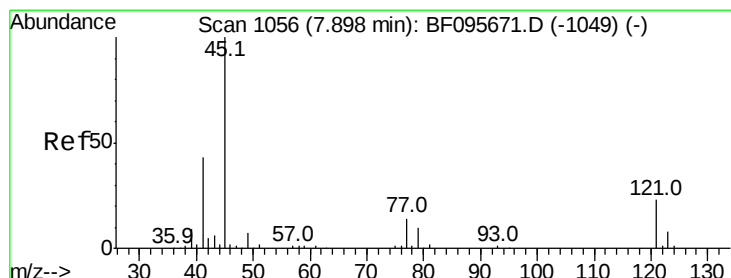
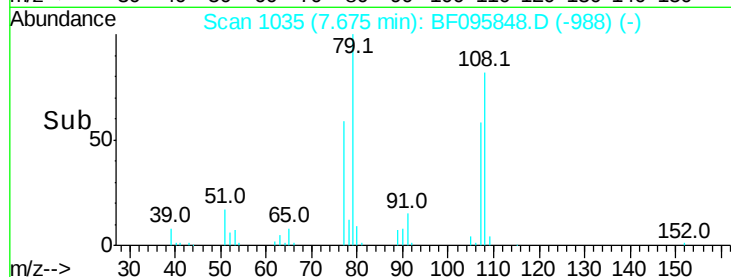
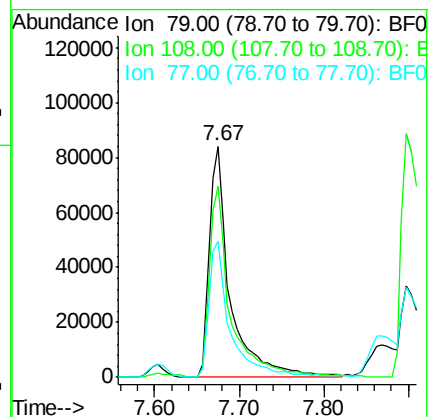
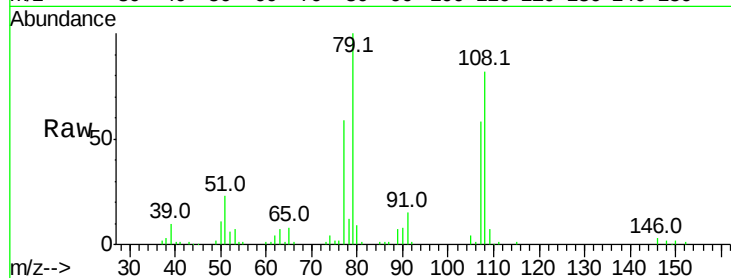
Tot Ion: 79 Resp: 145294

Ion Ratio Lower Upper

79 100

108 82.5 63.4 95.0

77 58.9 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.29 ng

RT: 7.87 min Scan# 1068

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

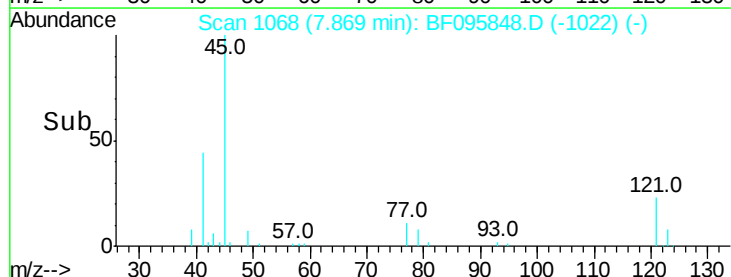
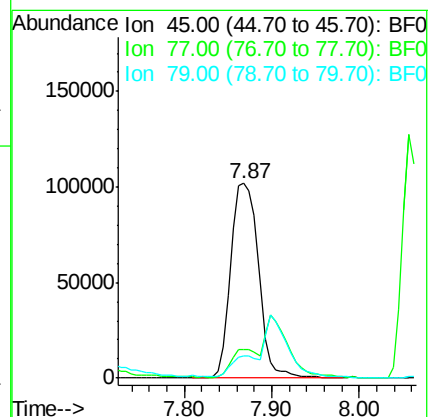
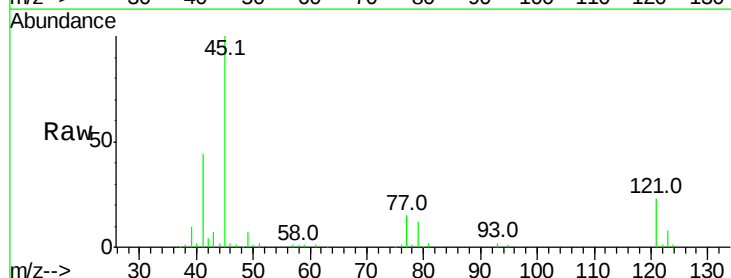
Tgt Ion: 45 Resp: 221322

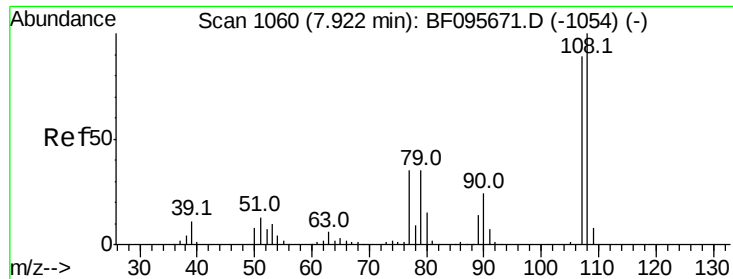
Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.2

79 11.6 0.0 30.0

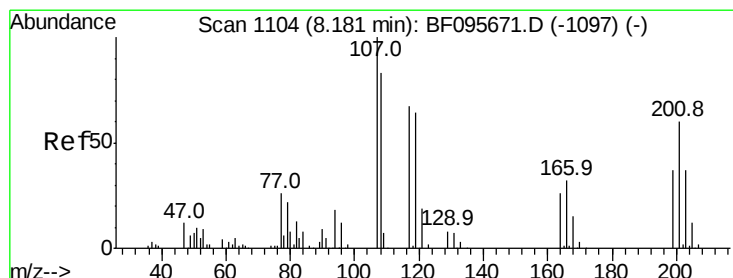
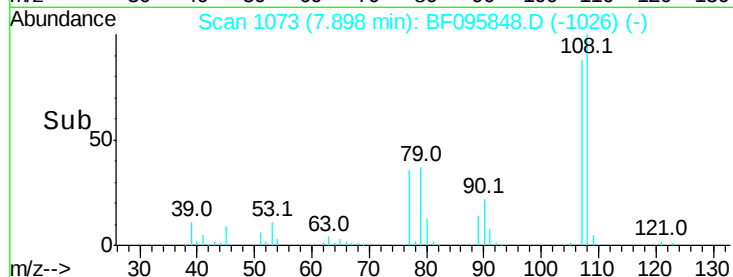
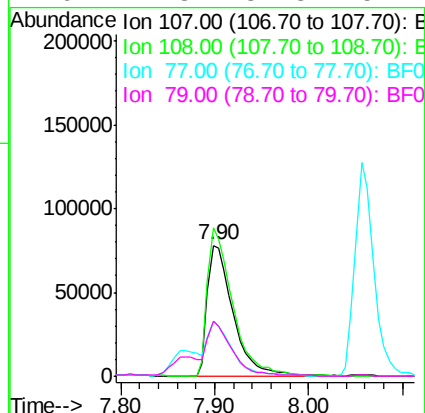
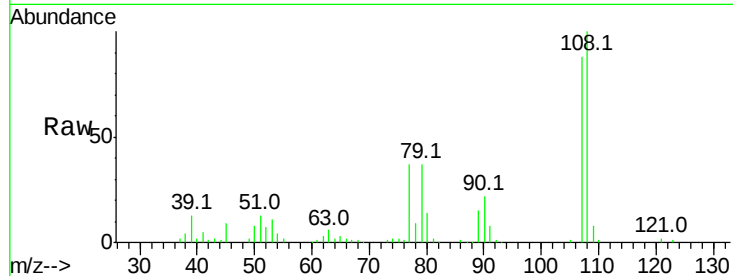




#17
2-Methylphenol
Concen: 48.12 ng
RT: 7.90 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

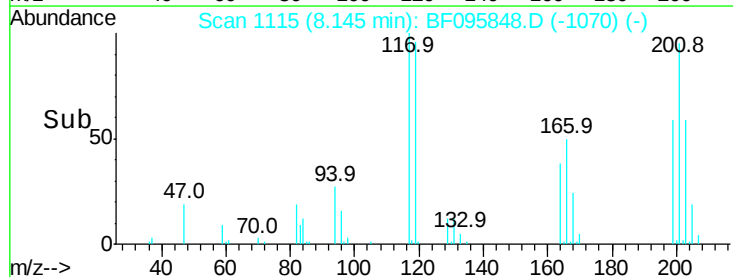
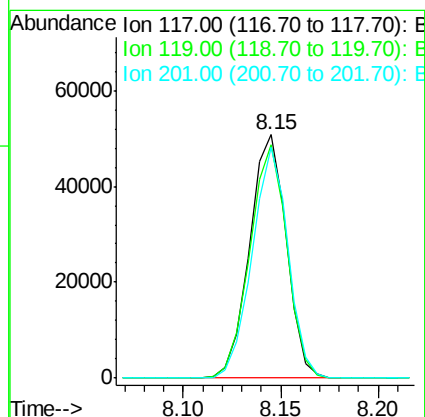
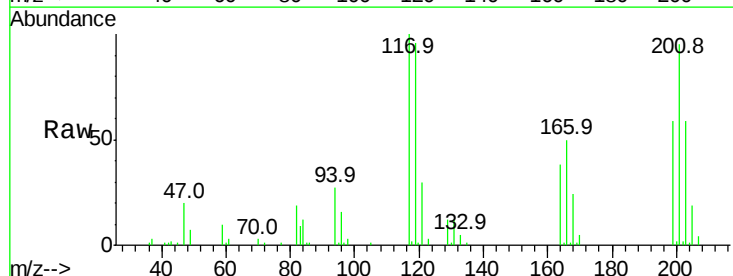
Instrument :
BNA_F
ClientSampleId :

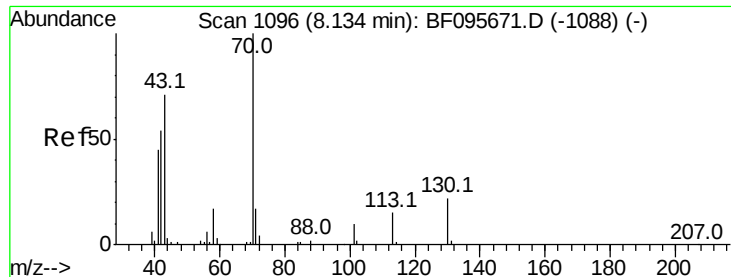
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	93.4	140.0
77	42.0	35.8	53.6
79	42.3	34.8	52.2



#18
Hexachloroethane
Concen: 46.52 ng
RT: 8.15 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
201	94.6	94.6	141.8

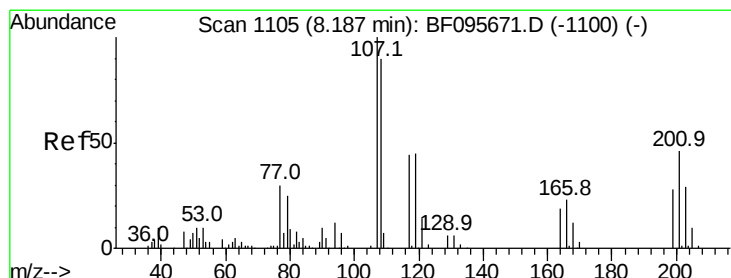
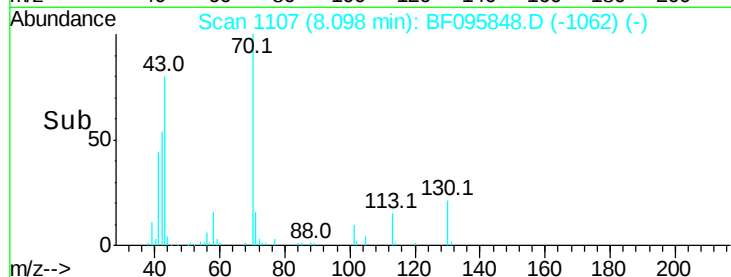
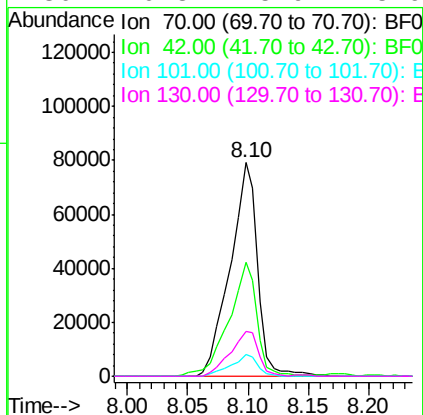
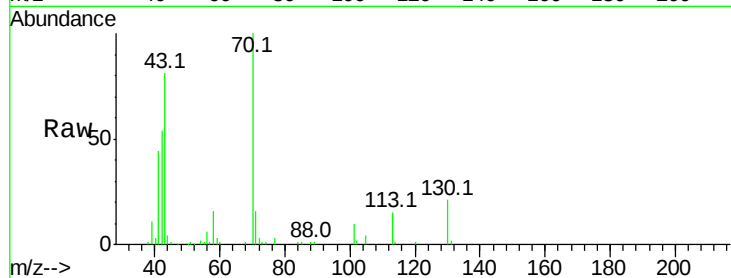




#19
n-Nitroso-di-n-propylamine
Concen: 46.55 ng
RT: 8.10 min Scan# 1107
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

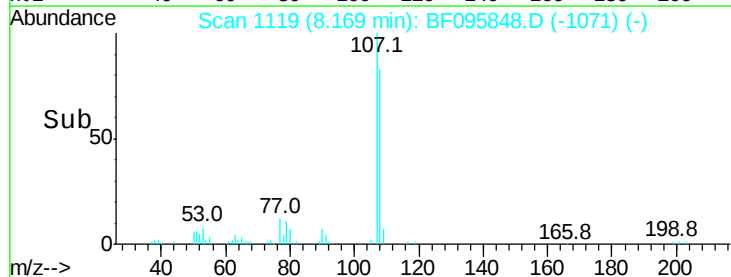
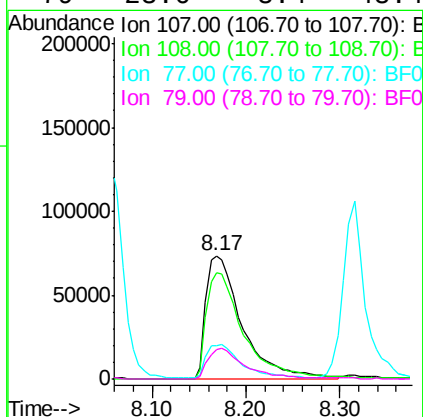
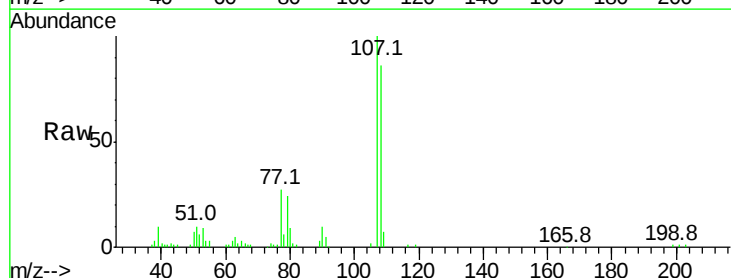
Instrument :
BNA_F
ClientSampleId :

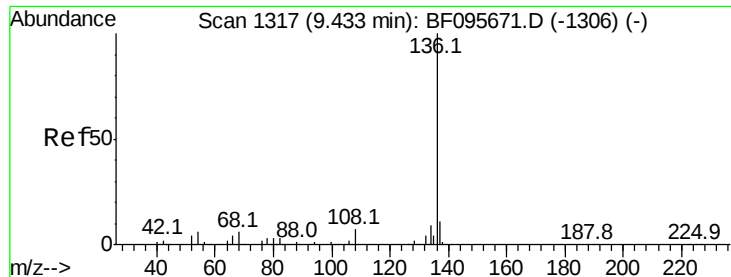
Tot Ion:	70	Resp:	124857
Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.2	70.8
101	10.4	7.2	10.8
130	20.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 49.64 ng
RT: 8.17 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion:	107	Resp:	198758
Ion	Ratio	Lower	Upper
107	100		
108	86.4	71.0	111.0
77	26.6	90.5	130.5#
79	23.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 234847

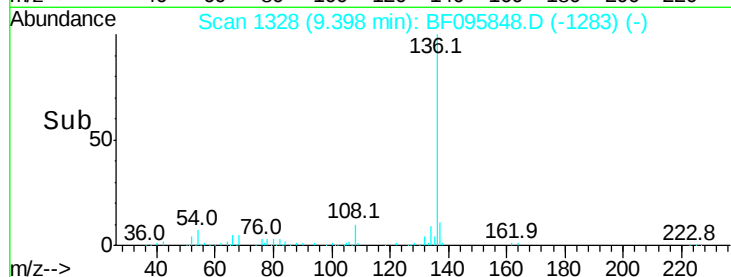
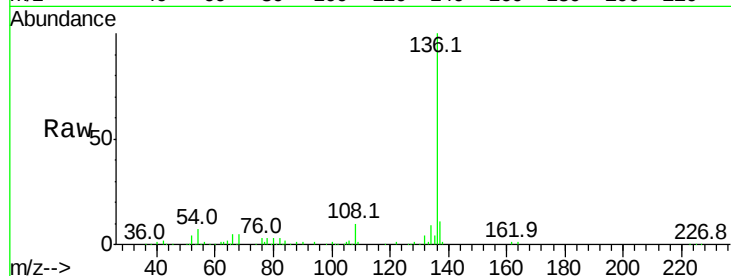
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.6 4.9 7.3

68 5.5 4.1 6.1

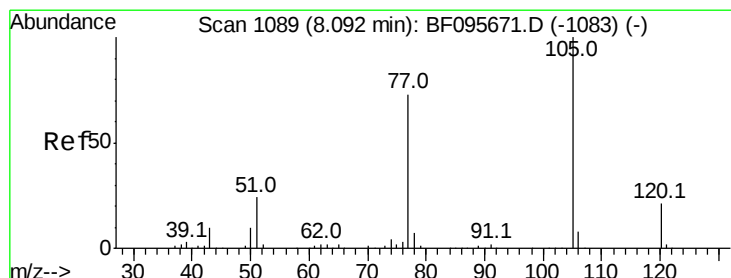
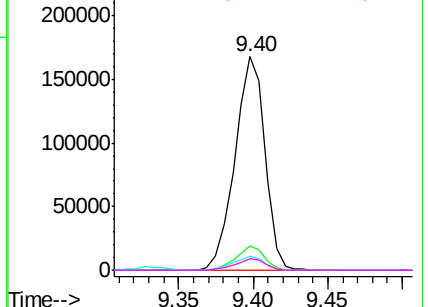


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.20 ng

RT: 8.06 min Scan# 1100

Delta R.T. -0.04 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion:105 Resp: 248438

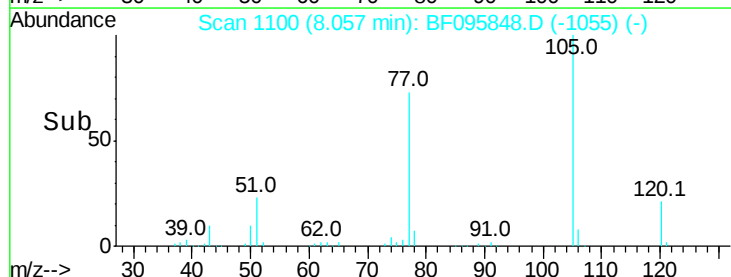
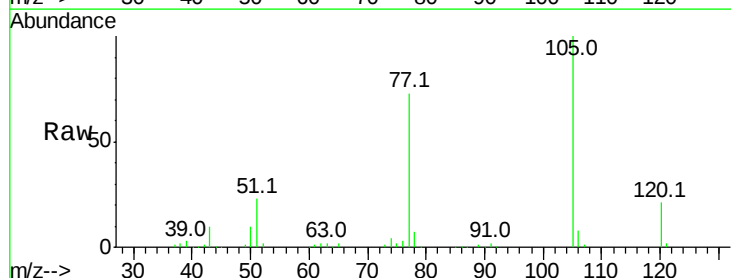
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.5 30.7 46.1#

120 20.6 17.4 26.0

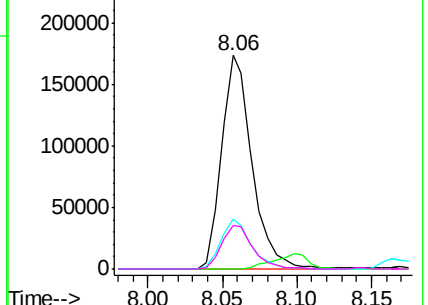


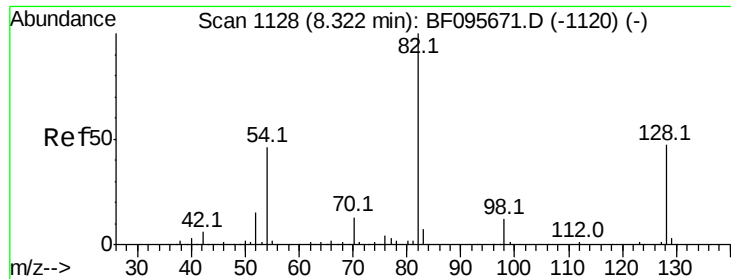
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

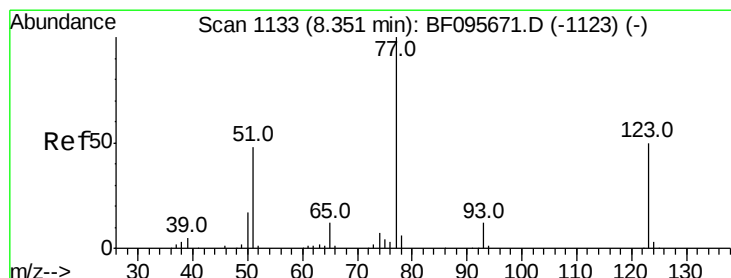
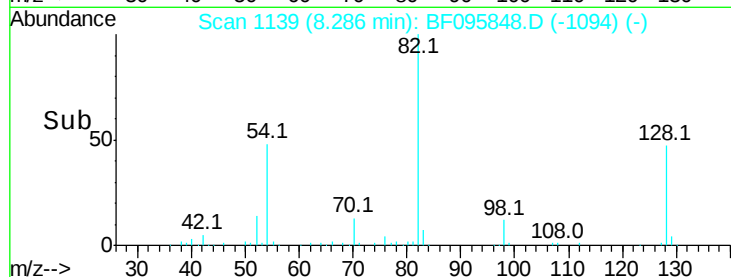
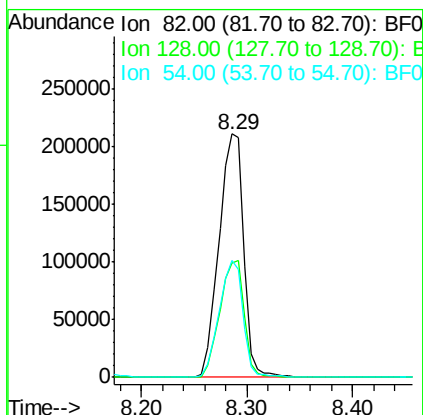
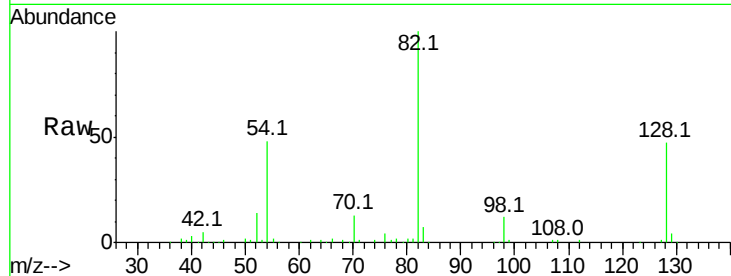




#23
Nitrobenzene-d5
Concen: 90.96 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

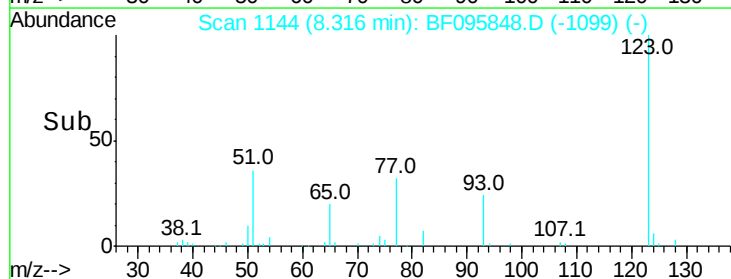
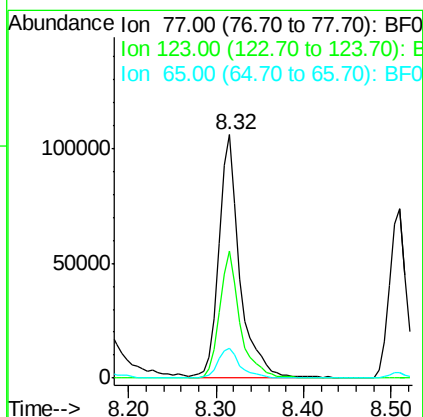
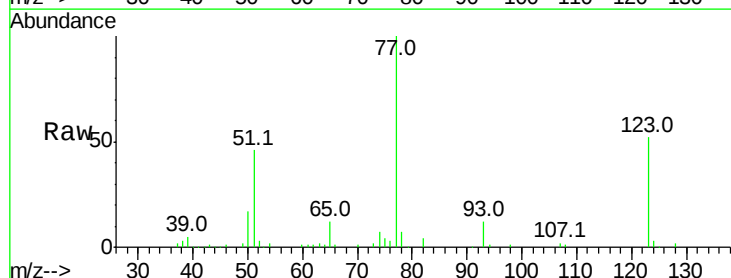
Instrument :
BNA_F
ClientSampleId :

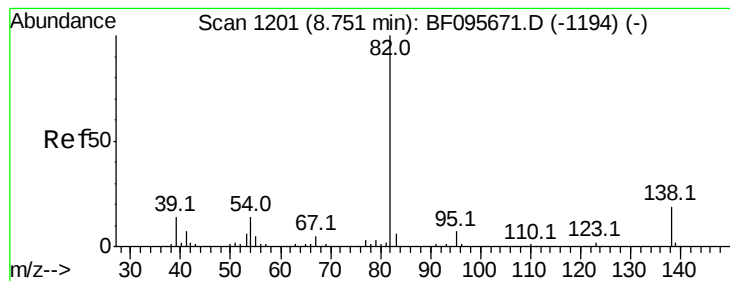
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	48.0	42.2	63.2



#24
Nitrobenzene
Concen: 43.72 ng
RT: 8.32 min Scan# 1144
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.4	35.8	53.8
65	12.5	10.6	15.8





#25

Isophorone

Concen: 44.74 ng

RT: 8.72 min Scan# 1212

Delta R.T. -0.04 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

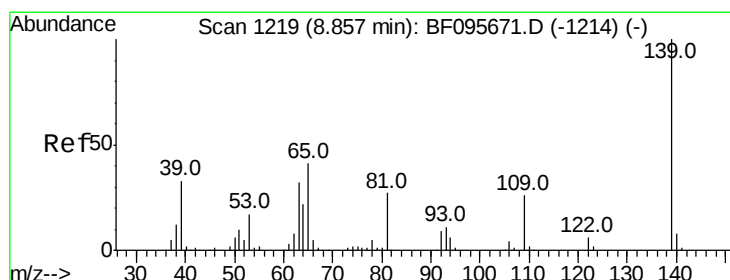
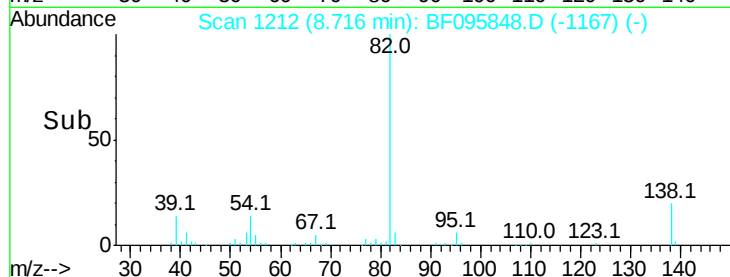
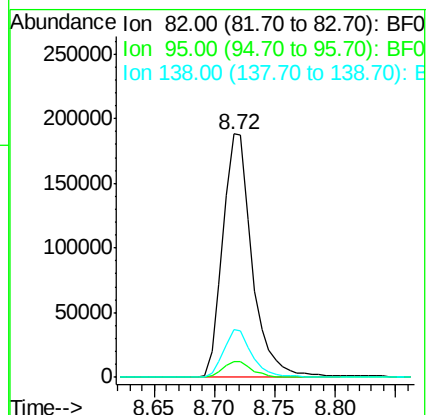
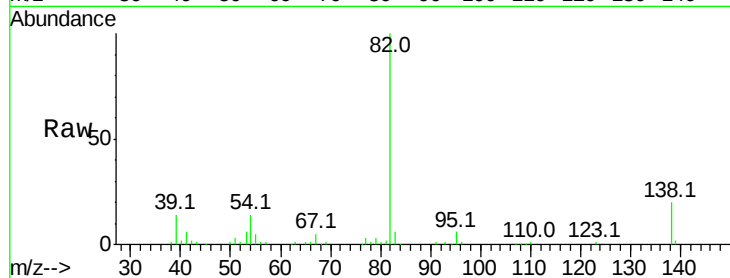
Tot Ion: 82 Resp: 315912

Ion Ratio Lower Upper

82 100

95 6.3 5.3 7.9

138 19.8 13.1 19.7#



#26

2-Nitrophenol

Concen: 47.71 ng

RT: 8.83 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

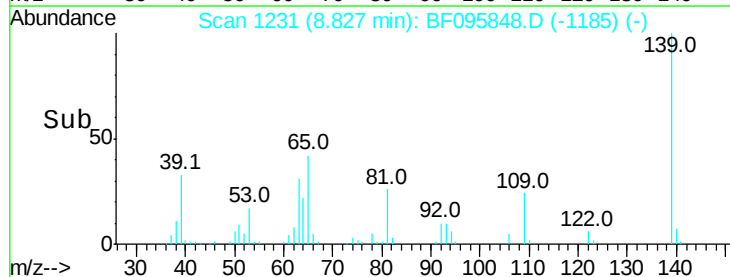
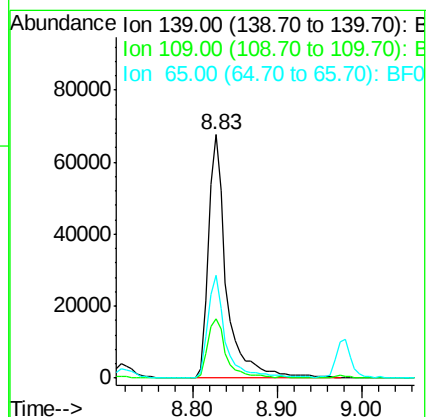
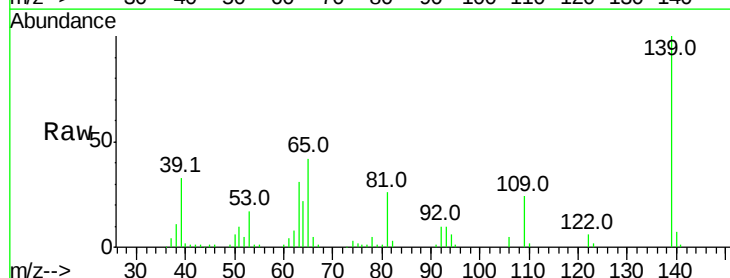
Tgt Ion: 139 Resp: 100922

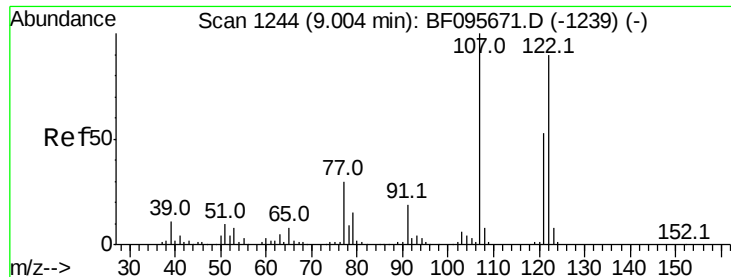
Ion Ratio Lower Upper

139 100

109 24.3 21.0 31.6

65 42.2 33.0 49.6

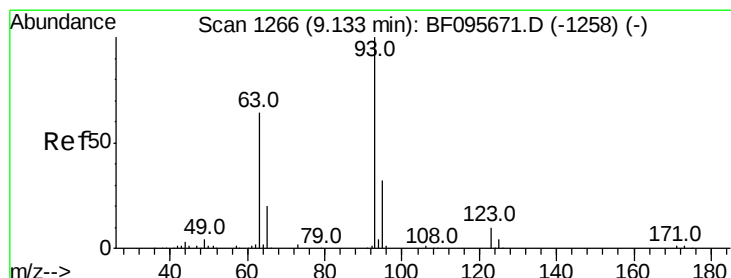
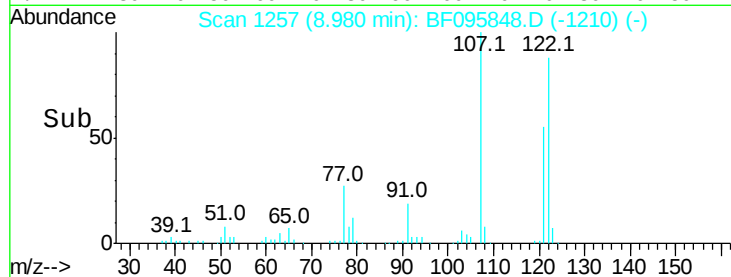
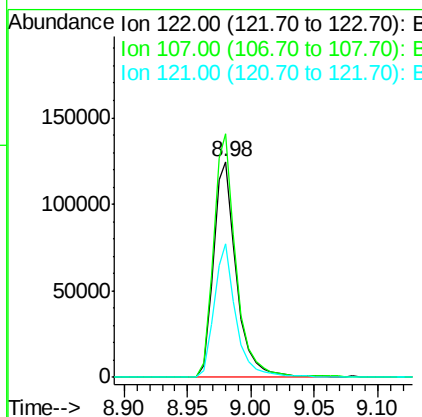
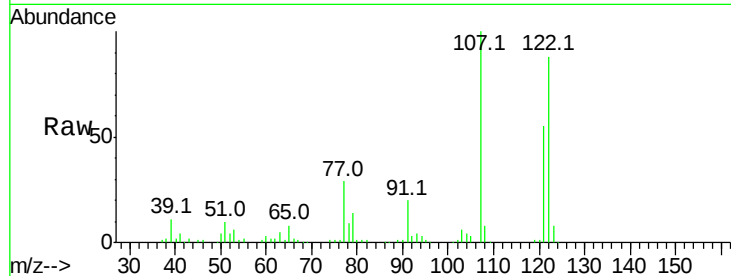




#27
 2,4-Dimethylphenol
 Concen: 48.50 ng
 RT: 8.98 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

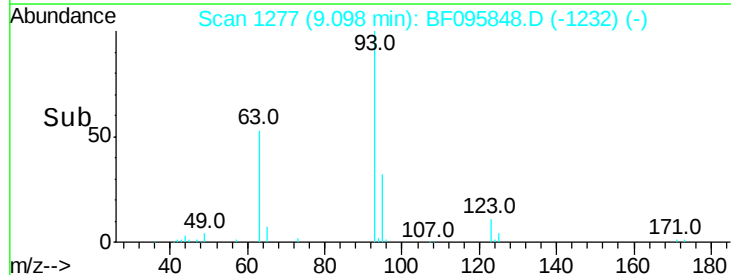
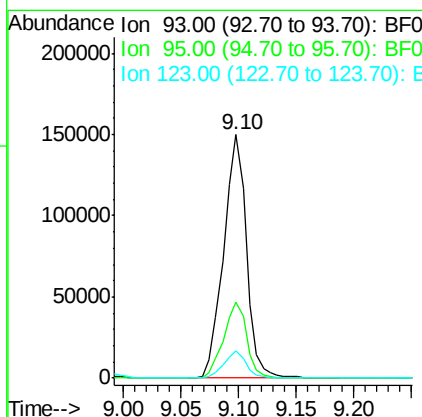
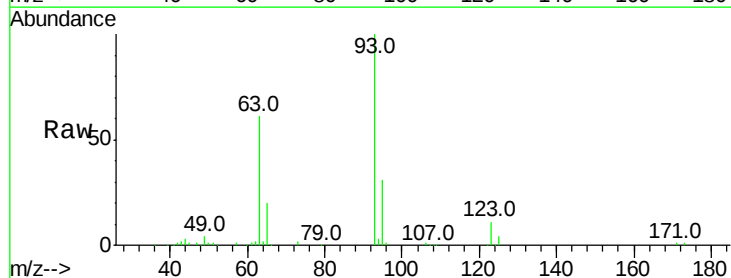
Instrument :
 BNA_F
 ClientSampleId :

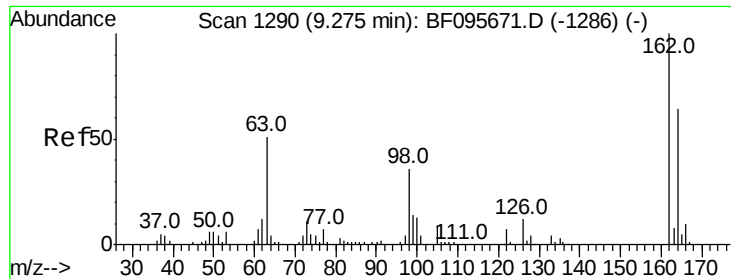
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	89.2	133.8
121	61.9	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.23 ng
 RT: 9.10 min Scan# 1277
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.5	39.7
123	11.4	9.0	13.4

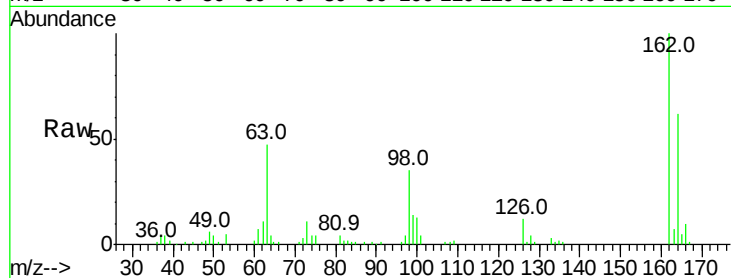




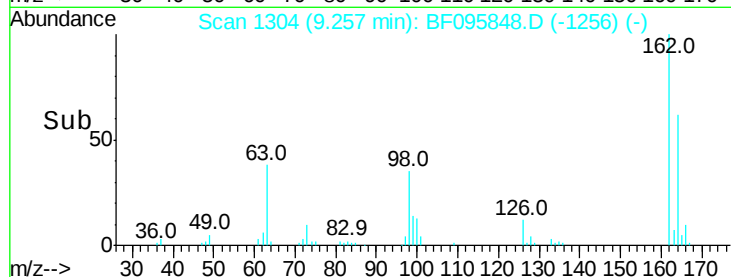
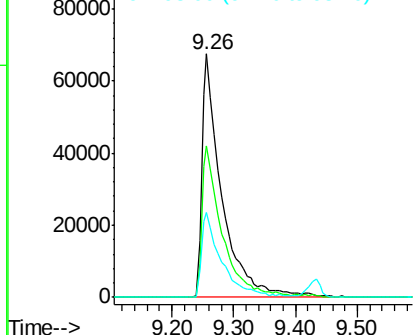
#29
 2,4-Dichlorophenol
 Concen: 47.90 ng
 RT: 9.26 min Scan# 1304
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	44.6	84.6
98	34.8	14.8	54.8

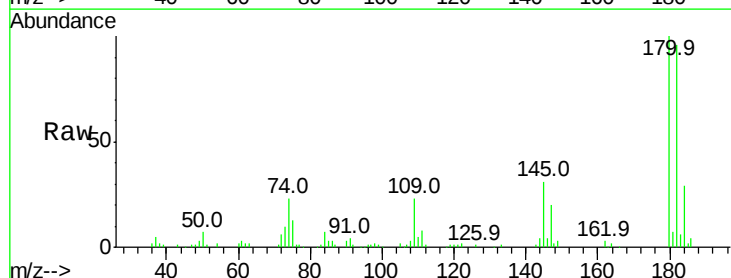


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

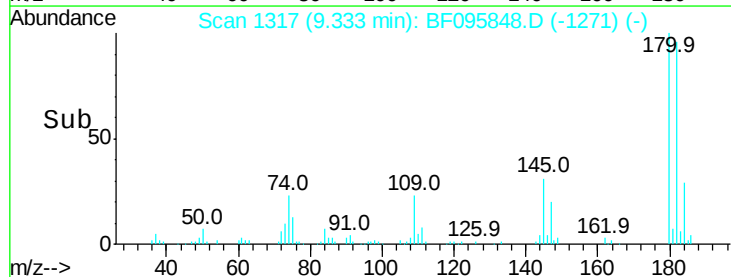
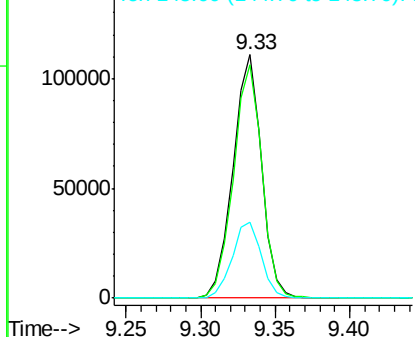


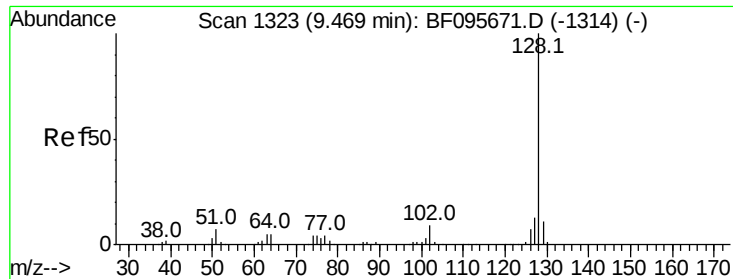
#30
 1,2,4-Trichlorobenzene
 Concen: 45.08 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	31.4	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

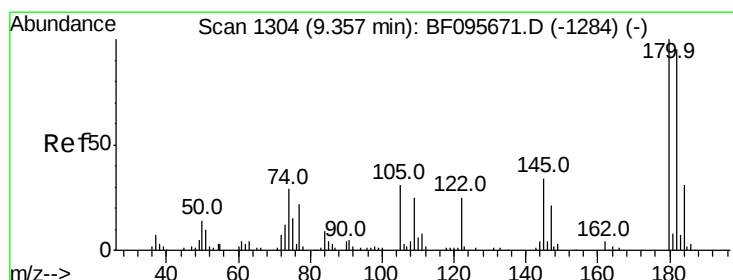
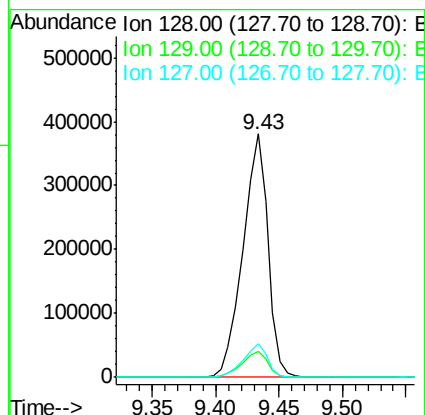
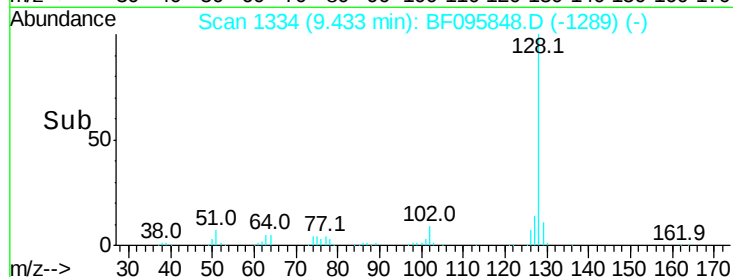
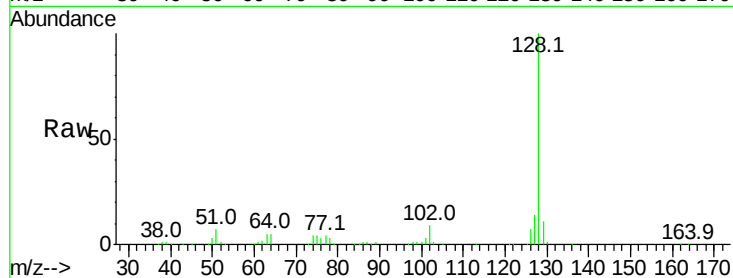




#31
Naphthalene
Concen: 44.14 ng
RT: 9.43 min Scan# 1334
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

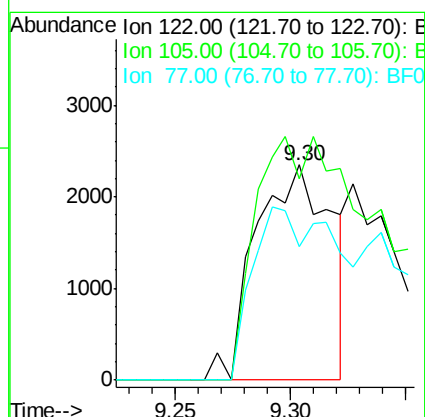
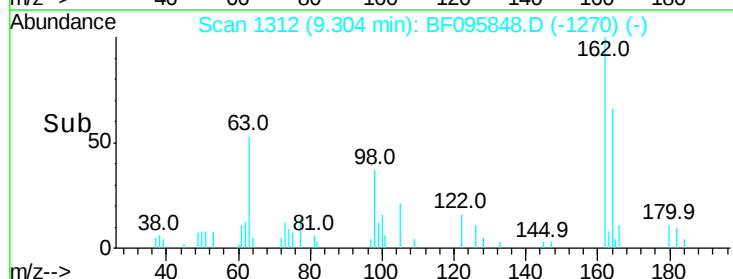
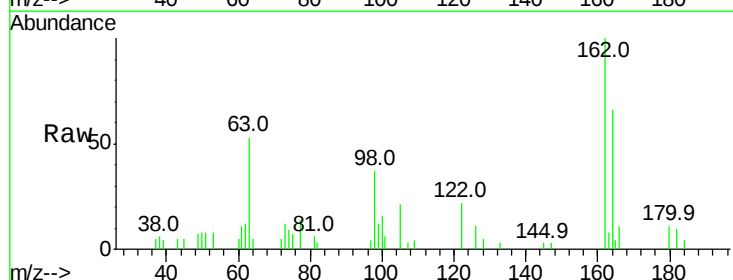
Instrument :
BNA_F
ClientSampled :

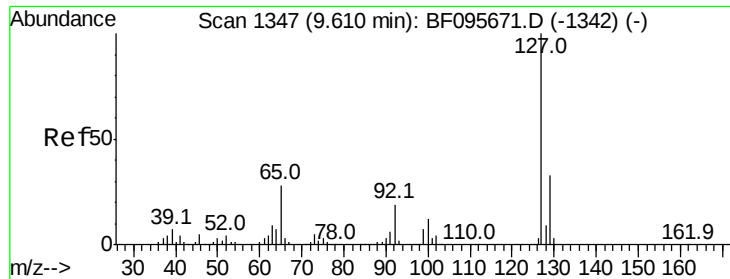
Tot Ion:128 Resp: 520266
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 7.44 ng
RT: 9.30 min Scan# 1312
Delta R.T. -0.05 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion:122 Resp: 5343
Ion Ratio Lower Upper
122 100
105 93.6 103.3 143.3#
77 62.1 73.7 113.7#

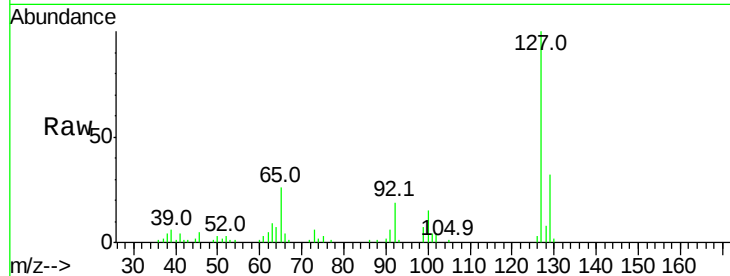




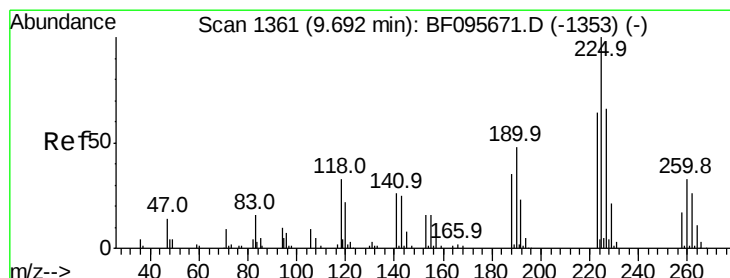
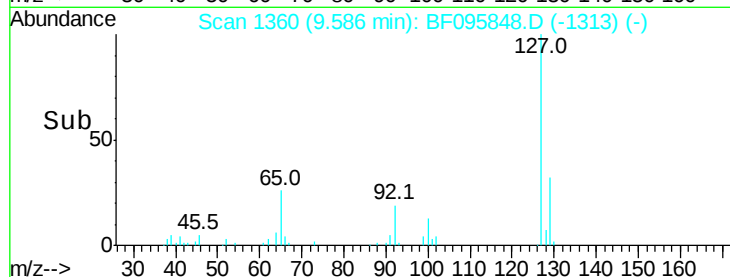
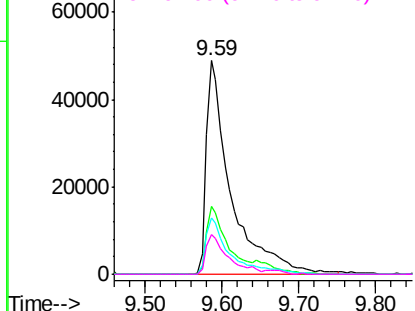
#33
4-Chloroaniline
Concen: 23.48 ng
RT: 9.59 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	108155
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	26.5	27.8	41.8#
92	18.9	16.8	25.2

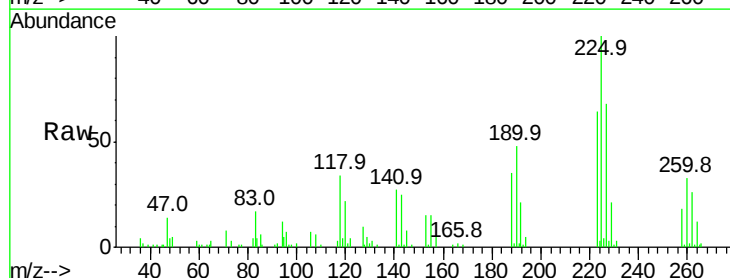


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

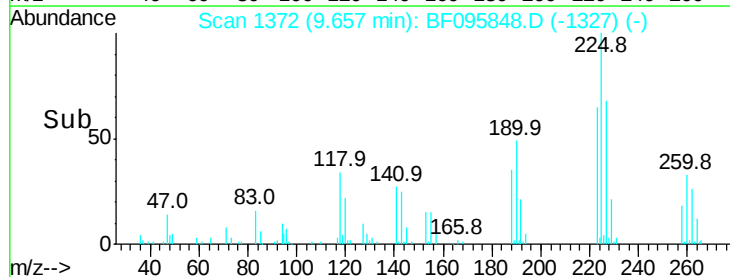
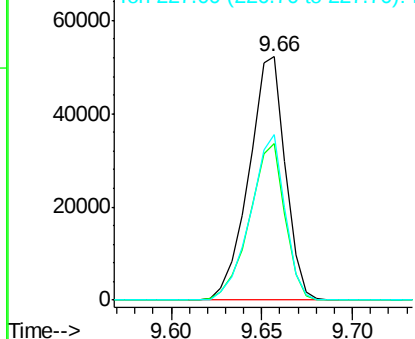


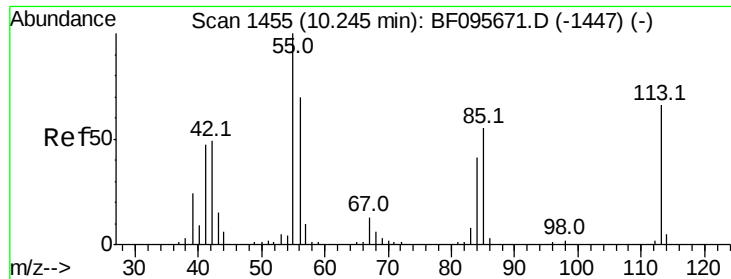
#34
Hexachlorobutadiene
Concen: 42.85 ng
RT: 9.66 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion:	225	Resp:	72828
Ion	Ratio	Lower	Upper
225	100		
223	64.4	48.8	73.2
227	67.9	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: 31.85 ng

RT: 10.22 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

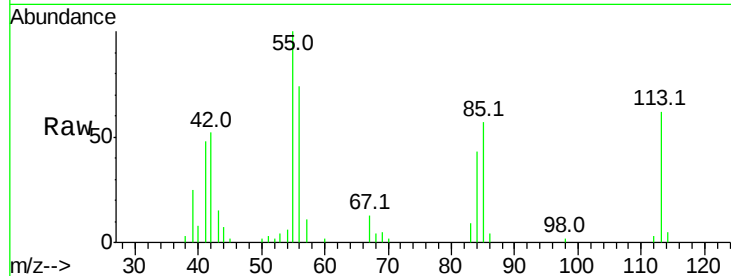
Tot Ion:113 Resp: 29960

Ion Ratio Lower Upper

113 100

55 160.4 150.2 190.2

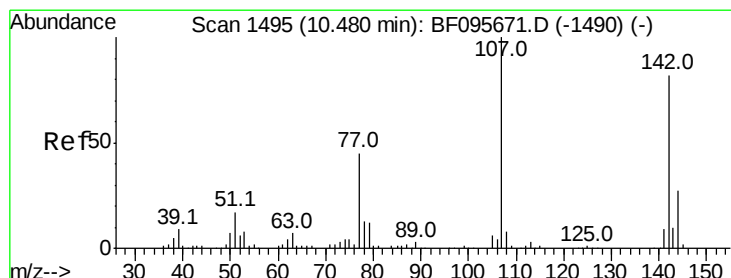
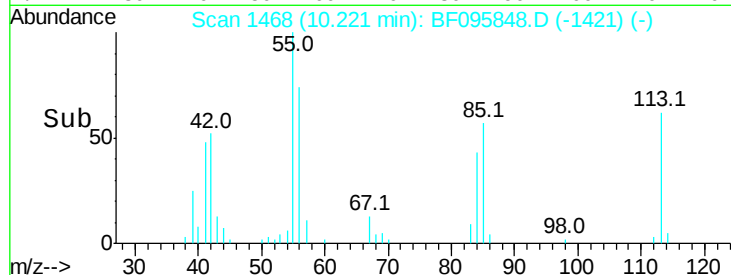
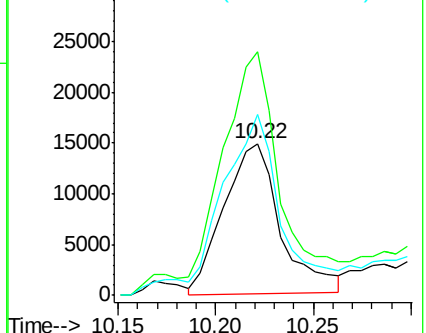
56 119.2 107.8 147.8



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: 48.75 ng

RT: 10.46 min Scan# 1509

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

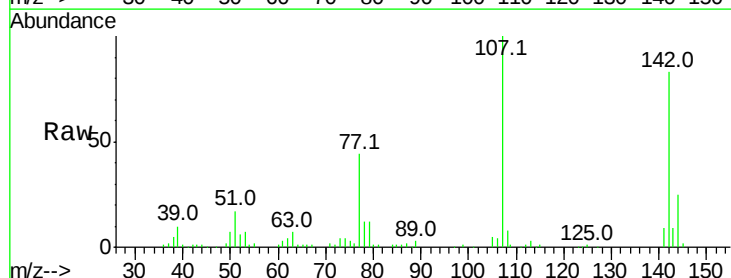
Tgt Ion:107 Resp: 161333

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

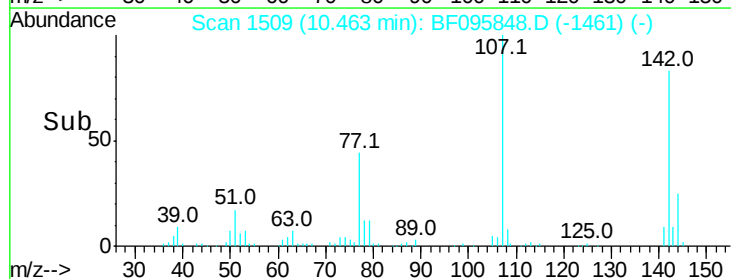
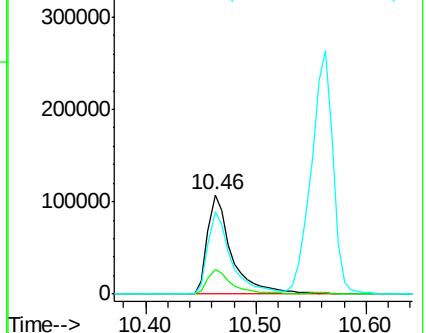
142 82.8 73.4 110.0

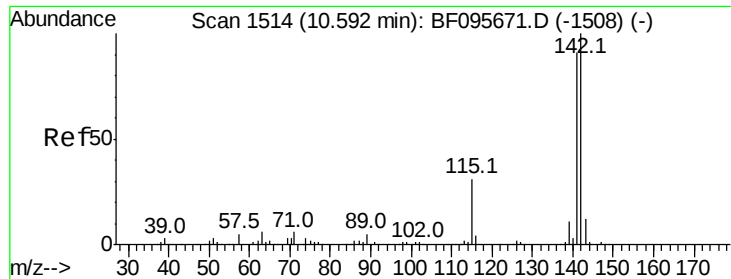


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

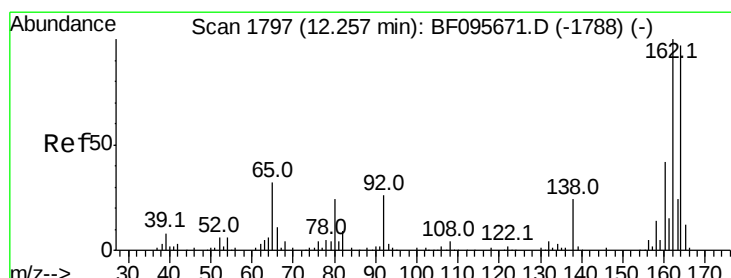
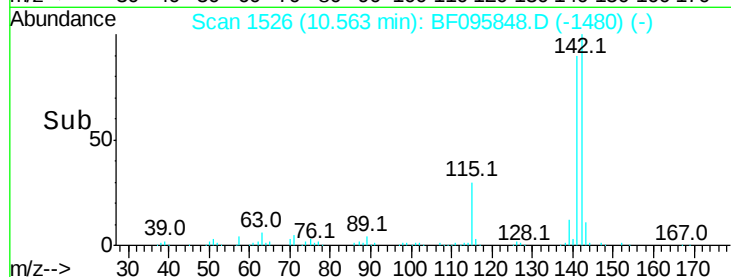
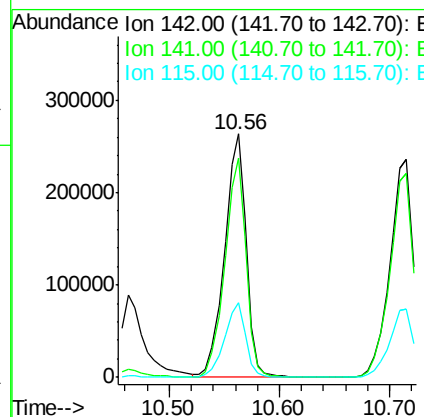
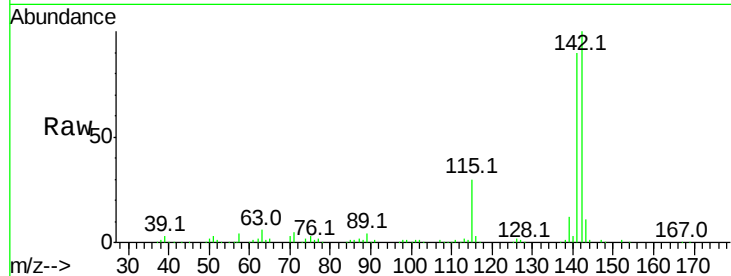




#37
2-Methylnaphthalene
Concen: 45.24 ng
RT: 10.56 min Scan# 1526
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

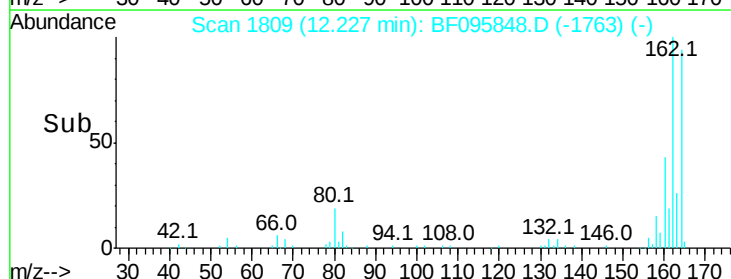
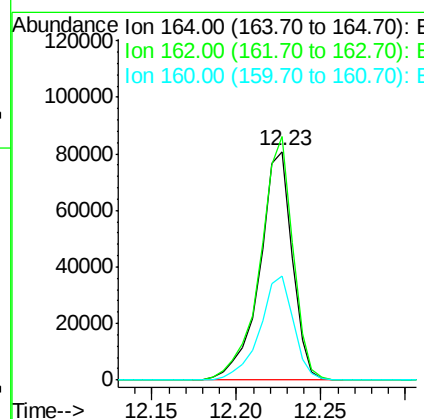
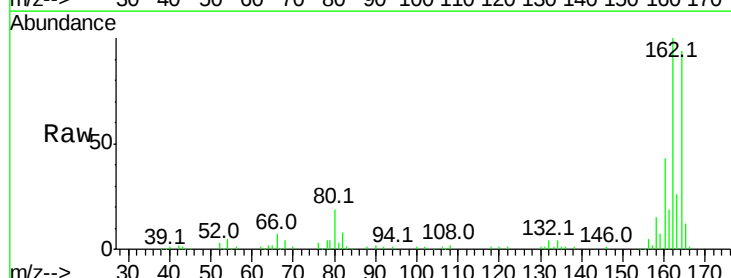
Instrument :
BNA_F
ClientSampleId :

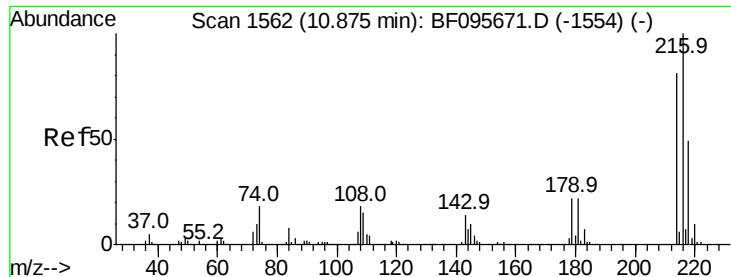
Tot Ion:142 Resp: 360283
Ion Ratio Lower Upper
142 100
141 89.9 71.3 106.9
115 30.5 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1809
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion:164 Resp: 108754
Ion Ratio Lower Upper
164 100
162 106.5 82.6 123.8
160 45.5 36.2 54.2

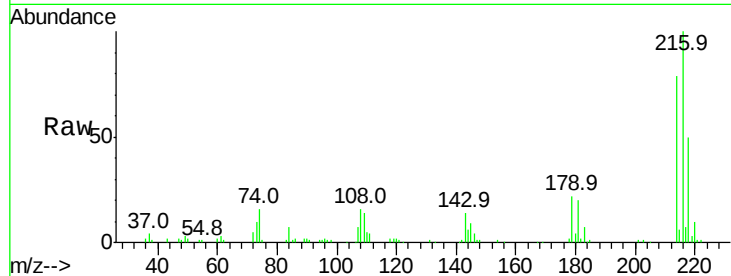




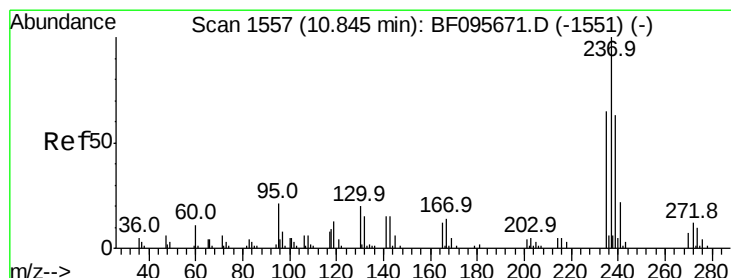
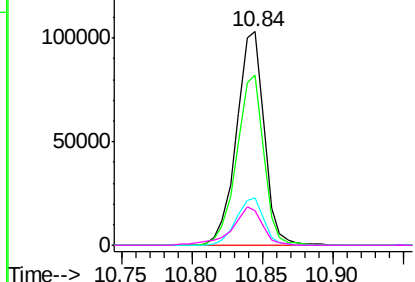
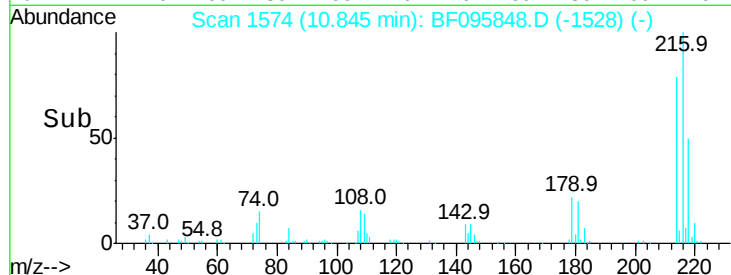
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.31 ng
 RT: 10.84 min Scan# 1574
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	140957
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.4	95.2
179	21.7	17.9	26.9
108	19.5	16.5	24.7

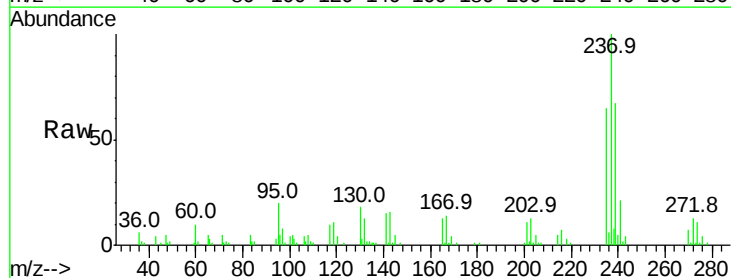


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

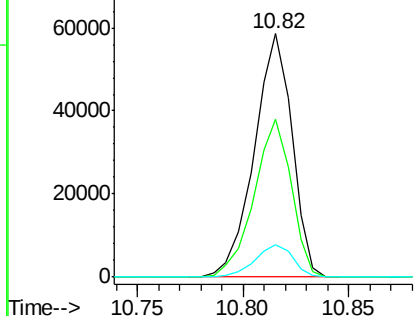
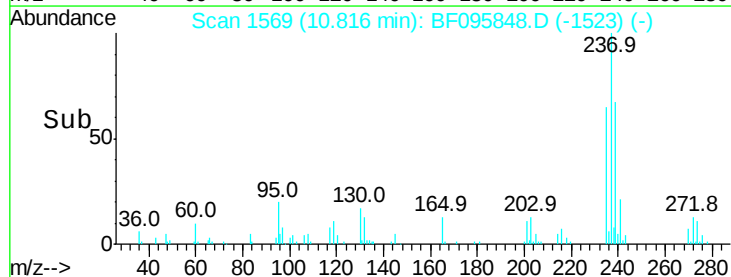


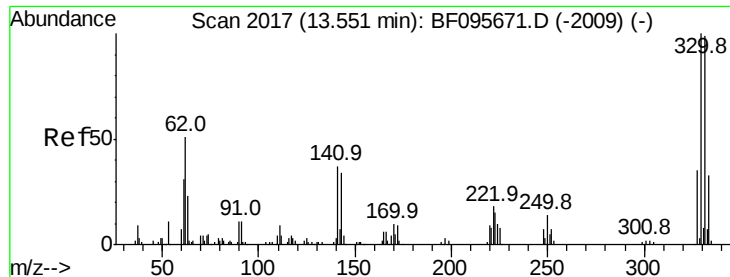
#40
 Hexachlorocyclopentadiene
 Concen: 72.70 ng
 RT: 10.82 min Scan# 1569
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion:	237	Resp:	72957
Ion	Ratio	Lower	Upper
237	100		
235	64.9	42.6	82.6
272	13.4	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

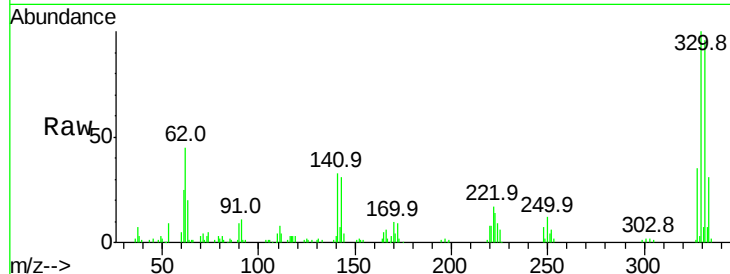




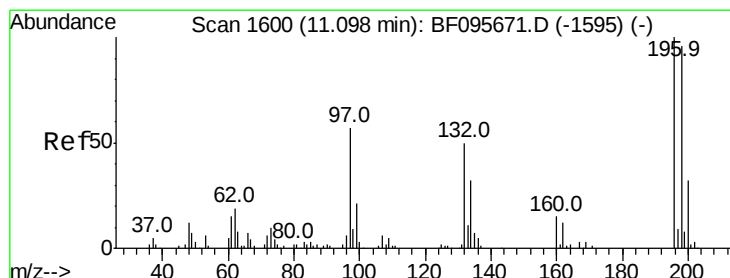
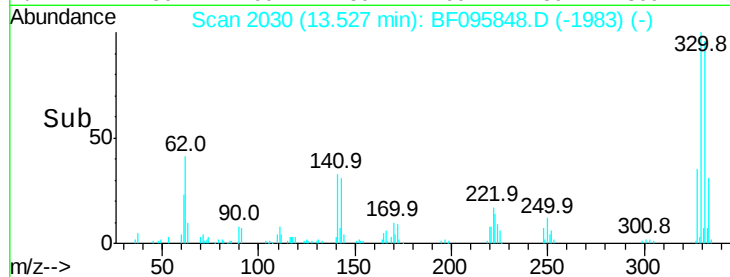
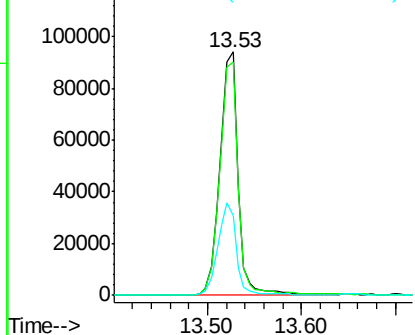
#41
 2,4,6-Tribromophenol
 Concen: 134.14 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	38.1	31.4	47.2

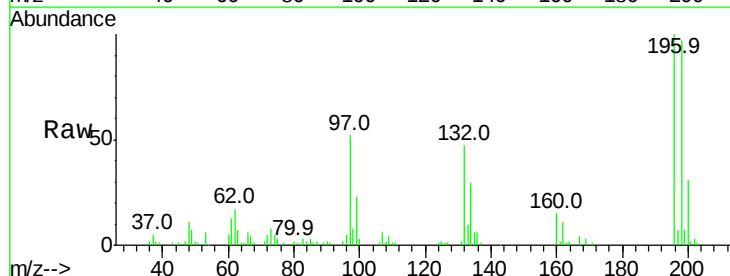


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

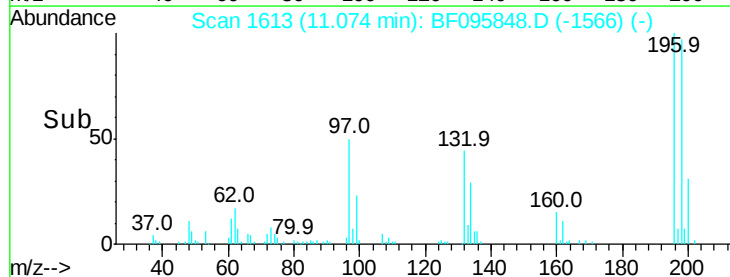
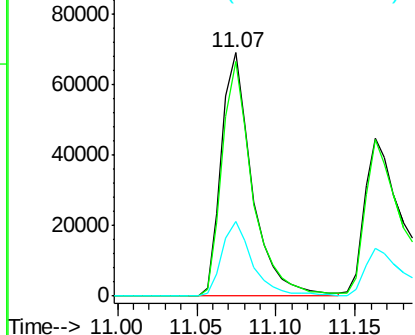


#42
 2,4,6-Trichlorophenol
 Concen: 44.78 ng
 RT: 11.07 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.2	111.4
200	30.5	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

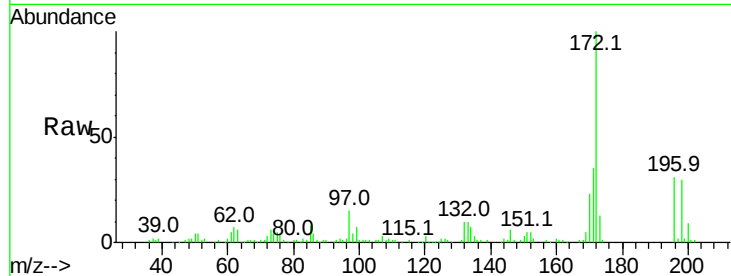




#43
 2,4,5-Trichlorophenol
 Concen: 42.69 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	75.7	113.5
97	50.4	47.7	71.5
132	32.9	28.0	42.0



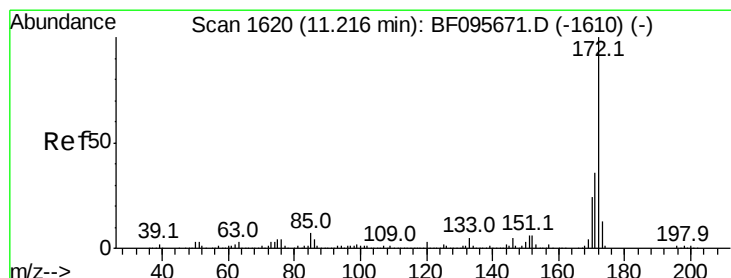
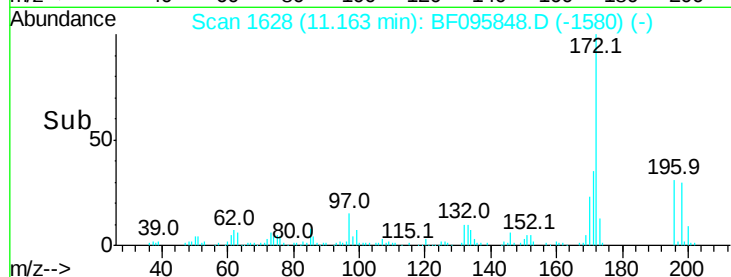
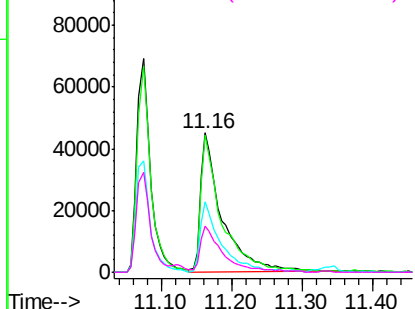
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

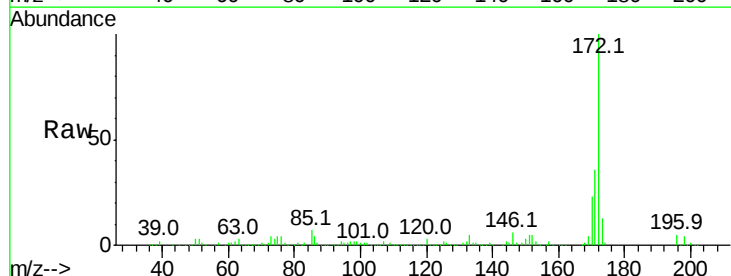
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.57 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.2	19.8	29.8

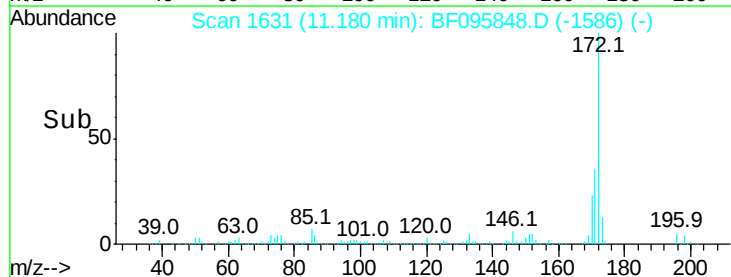
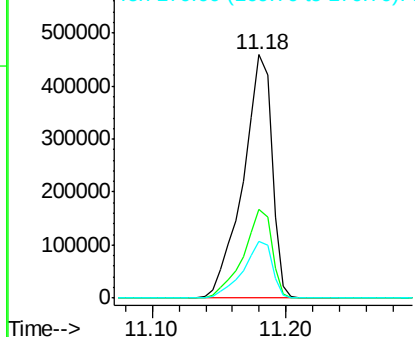


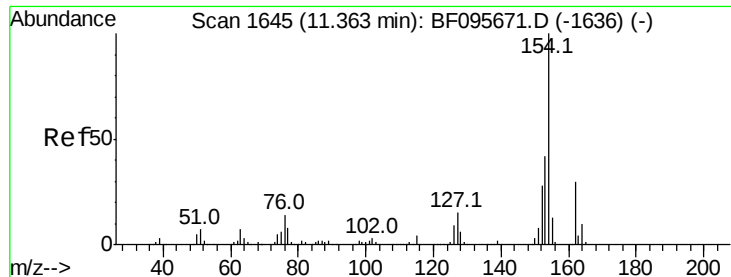
Abundance

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: 45.35 ng

RT: 11.33 min Scan# 1657

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampled :

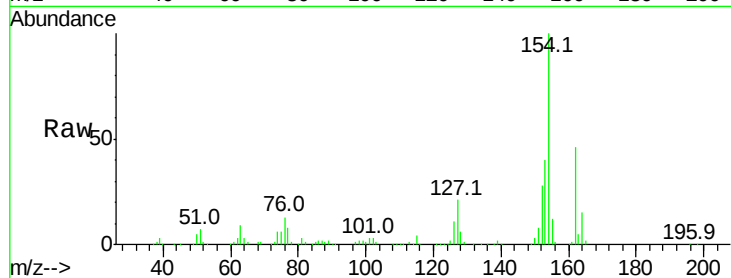
Tot Ion:154 Resp: 406505

Ion Ratio Lower Upper

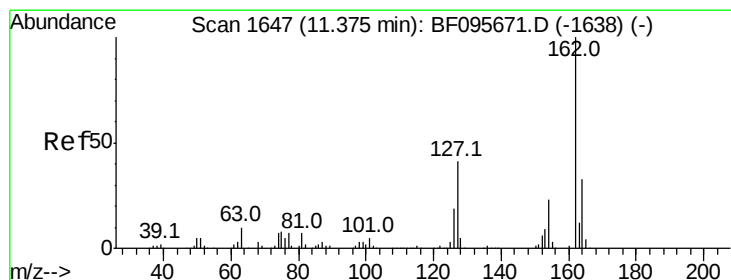
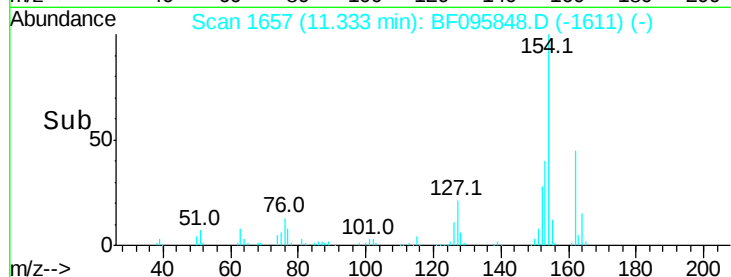
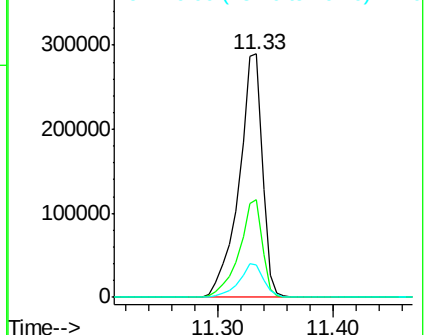
154 100

153 39.9 21.2 61.2

76 13.3 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: 44.88 ng

RT: 11.34 min Scan# 1659

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

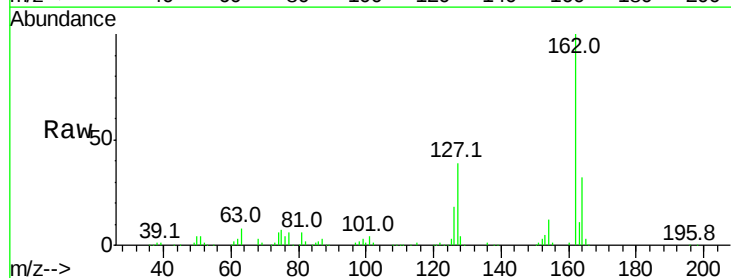
Tgt Ion:162 Resp: 314315

Ion Ratio Lower Upper

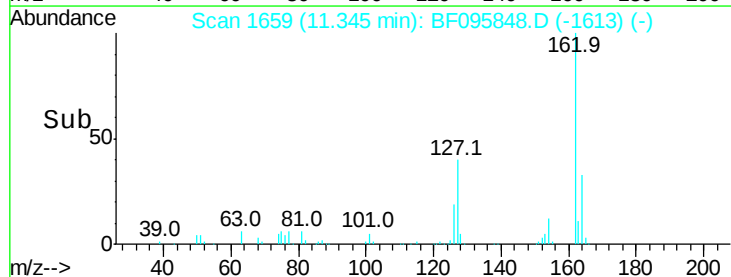
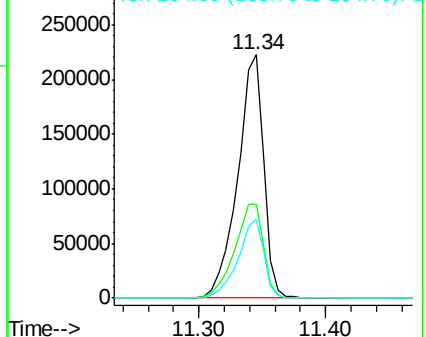
162 100

127 38.7 28.3 42.5

164 32.4 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

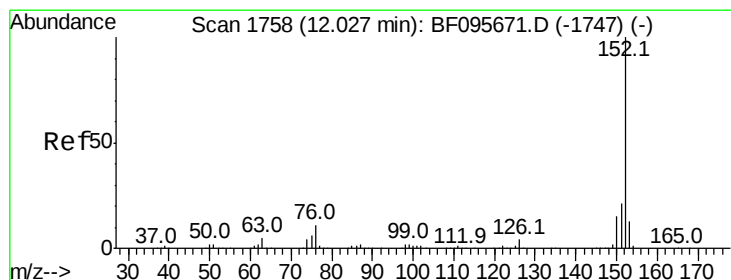
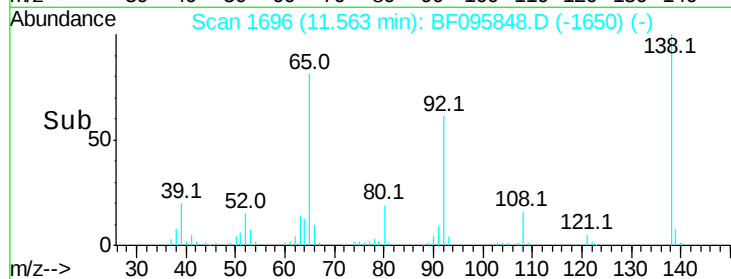
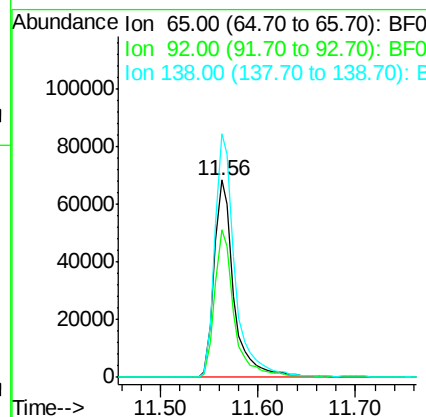
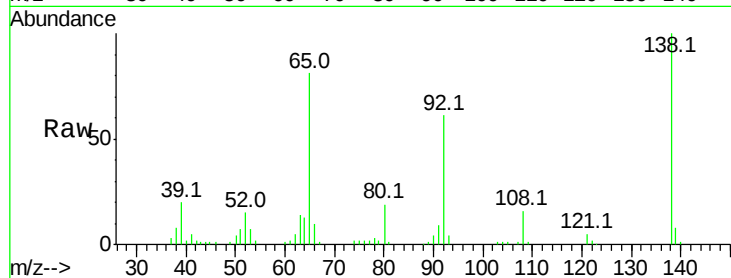




#47
2-Nitroaniline
Concen: 47.09 ng
RT: 11.56 min Scan# 1696
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

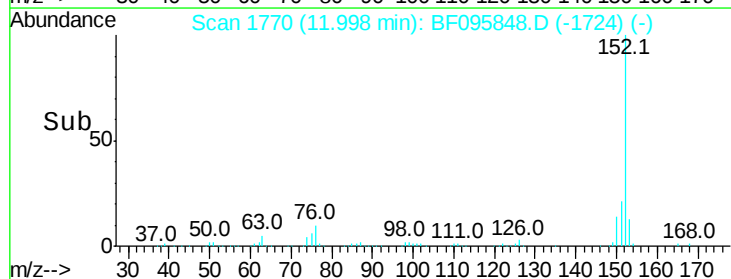
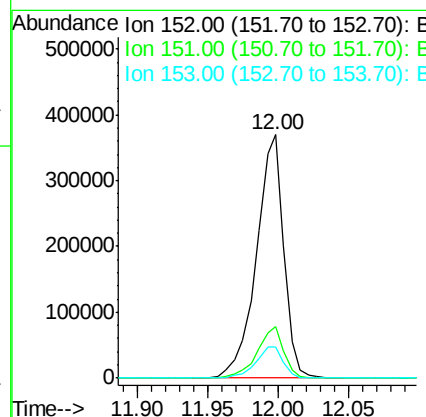
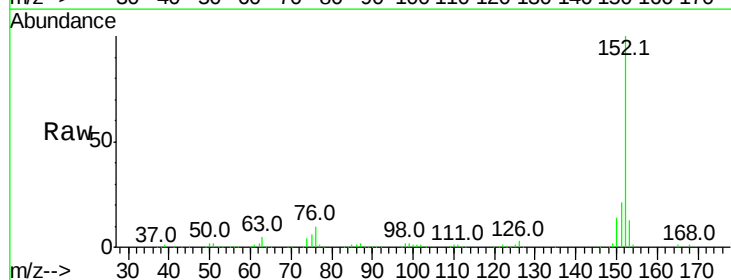
Instrument :
BNA_F
ClientSampleId :

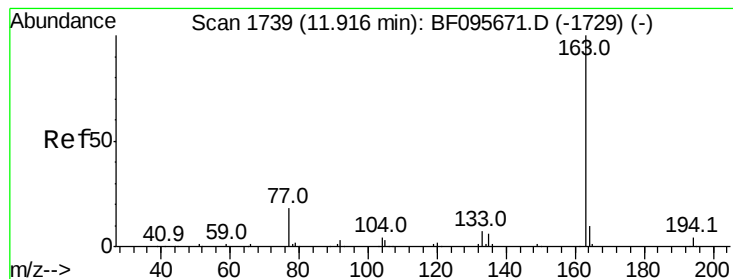
Tot Ion: 65 Resp: 96511
Ion Ratio Lower Upper
65 100
92 74.9 53.9 80.9
138 123.5 78.8 118.2#



#48
Acenaphthylene
Concen: 42.17 ng
RT: 12.00 min Scan# 1770
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion:152 Resp: 504971
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 45.62 ng

RT: 11.89 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

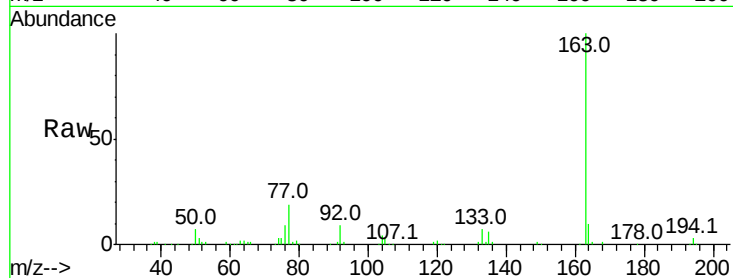
Tot Ion:163 Resp: 376705

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

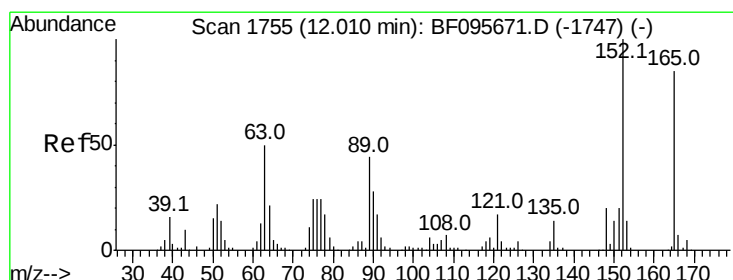
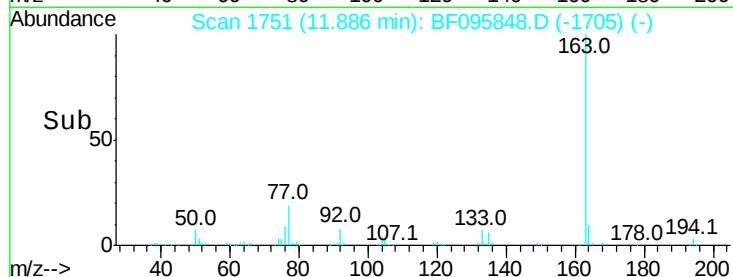
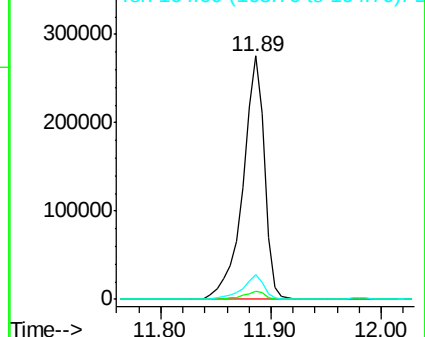
164 10.0 8.4 12.6



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: 46.36 ng

RT: 11.98 min Scan# 1767

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

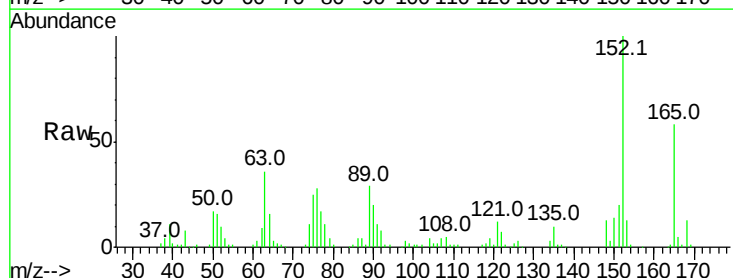
Tgt Ion:165 Resp: 83500

Ion Ratio Lower Upper

165 100

63 62.1 34.3 51.5#

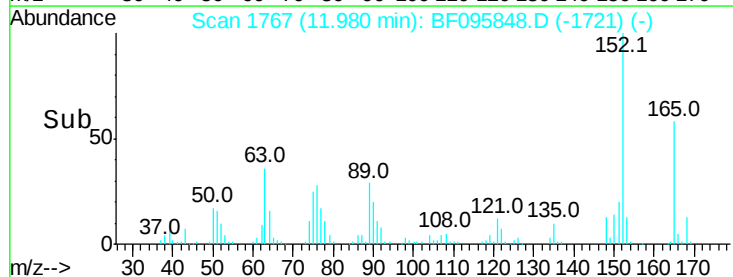
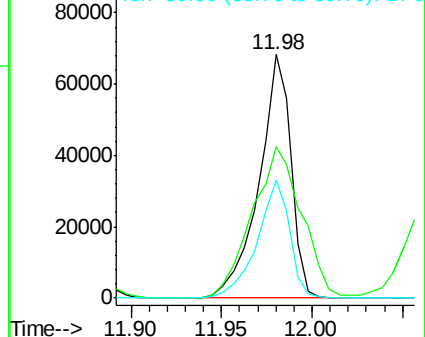
89 48.7 37.1 55.7



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: 43.40 ng

RT: 12.28 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

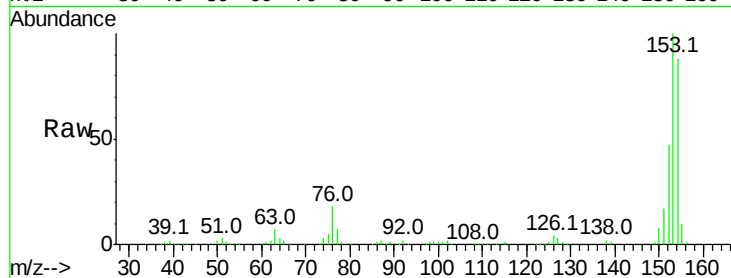
Tot Ion:154 Resp: 300205

Ion Ratio Lower Upper

154 100

153 114.1 90.5 135.7

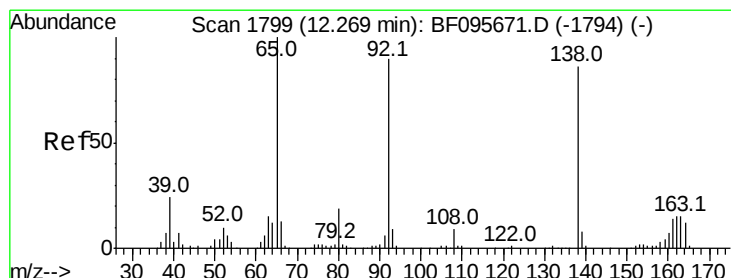
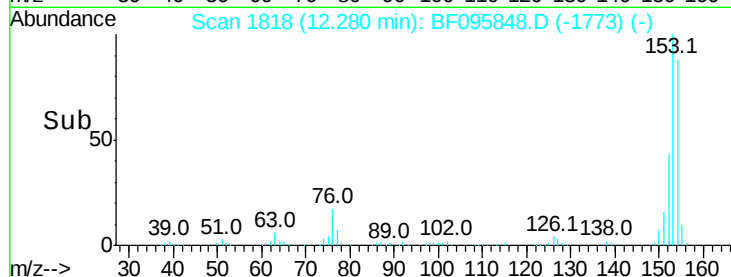
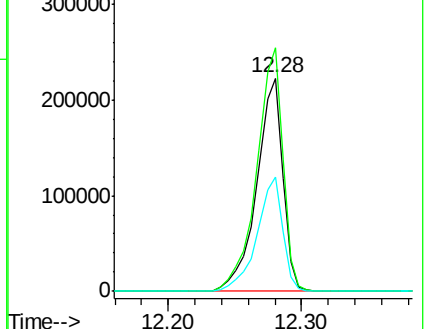
152 53.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.02 ng

RT: 12.24 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

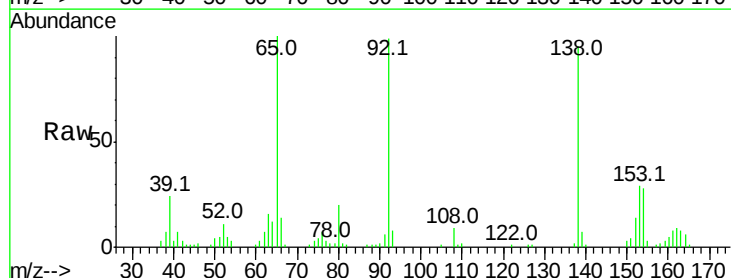
Tgt Ion:138 Resp: 65103

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

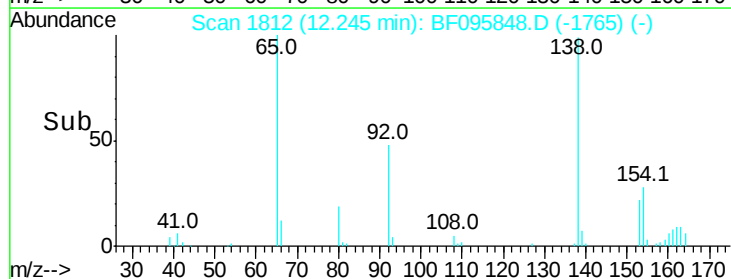
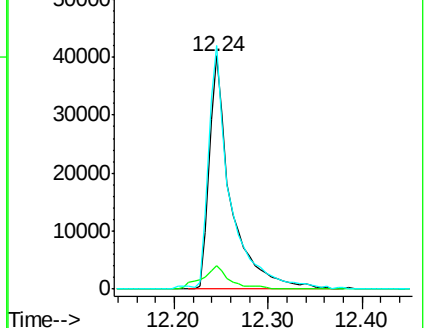
92 104.5 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

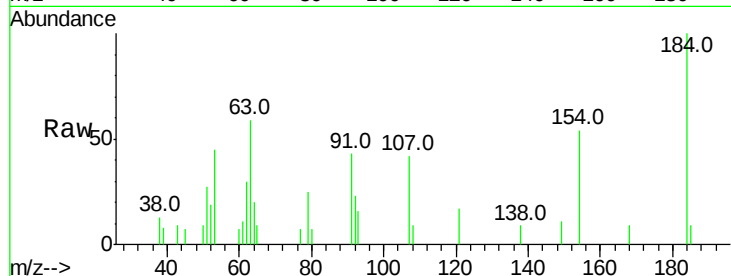




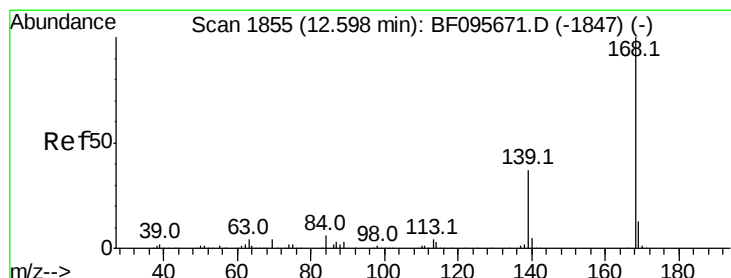
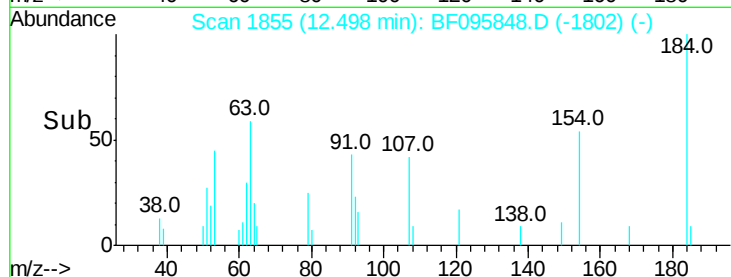
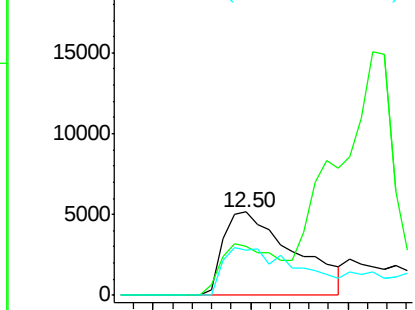
#53
 2,4-Dinitrophenol
 Concen: 18.17 ng
 RT: 12.50 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 12982
 Ion Ratio Lower Upper
 184 100
 63 58.9 62.7 94.1#
 154 54.1 81.1 121.7#

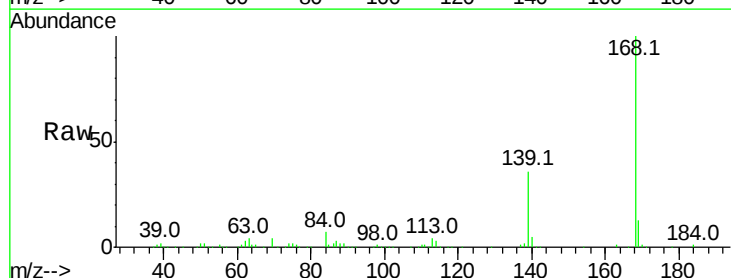


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

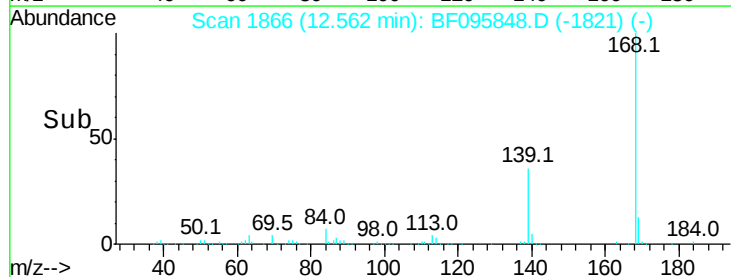
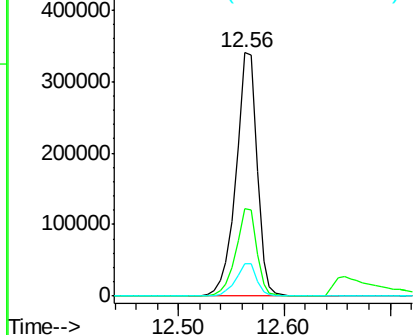


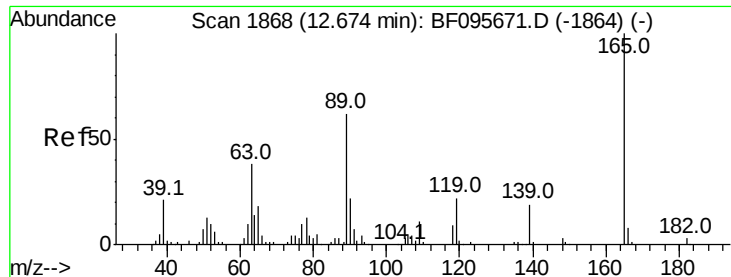
#54
 Dibenzofuran
 Concen: 47.64 ng
 RT: 12.56 min Scan# 1866
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion:168 Resp: 463759
 Ion Ratio Lower Upper
 168 100
 139 36.0 30.6 45.8
 169 13.1 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

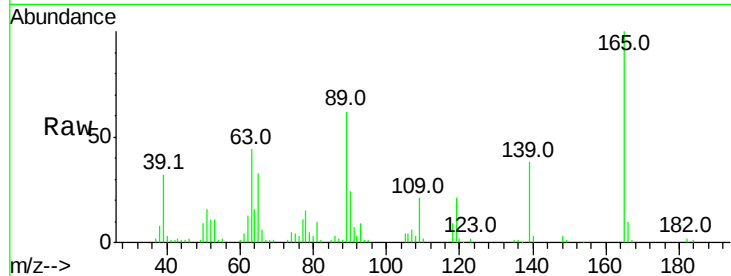




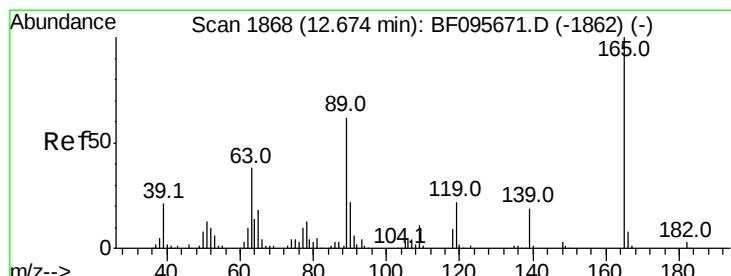
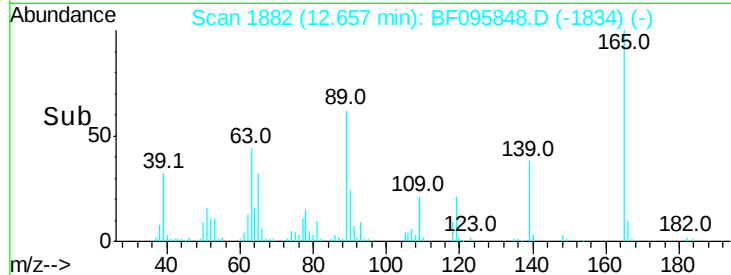
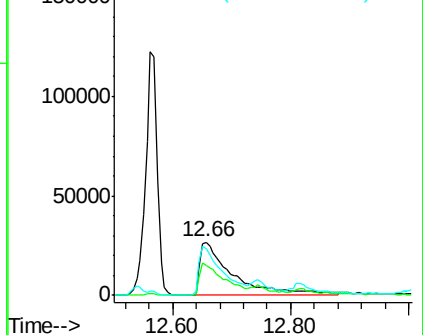
#55
4-Nitrophenol
Concen: 84.28 ng
RT: 12.66 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 103587
Ion Ratio Lower Upper
139 100
109 56.7 34.1 74.1
65 86.3 31.4 71.4#



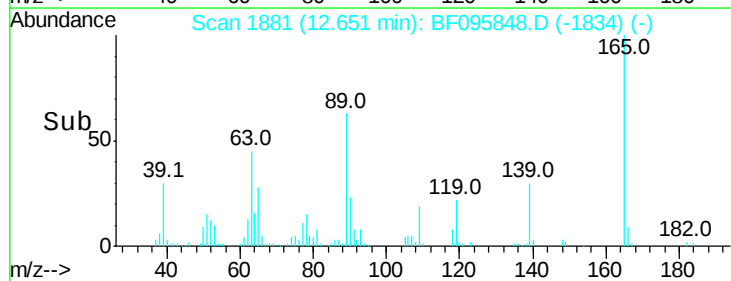
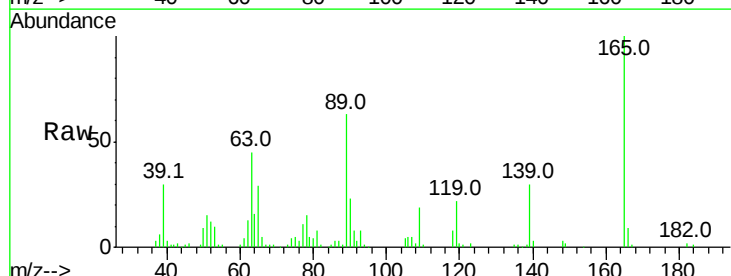
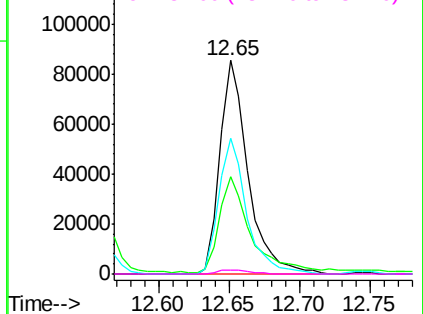
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

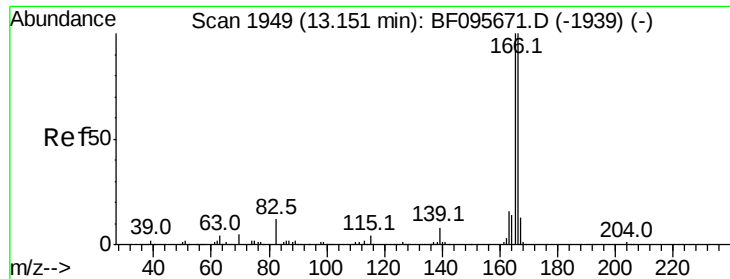


#56
2,4-Dinitrotoluene
Concen: 48.71 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion:165 Resp: 118501
Ion Ratio Lower Upper
165 100
63 45.5 25.4 38.0#
89 63.5 46.4 69.6
182 2.1 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

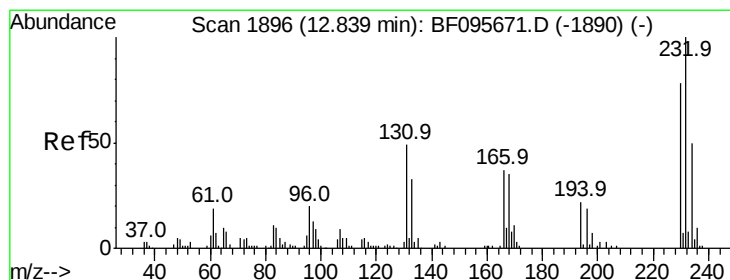
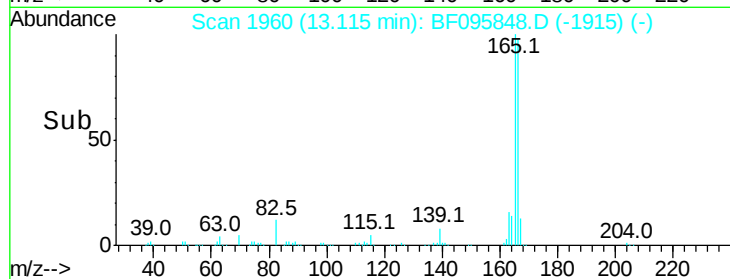
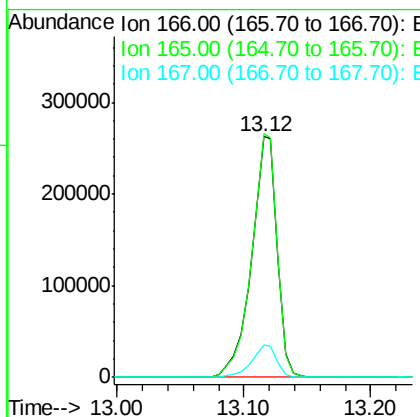
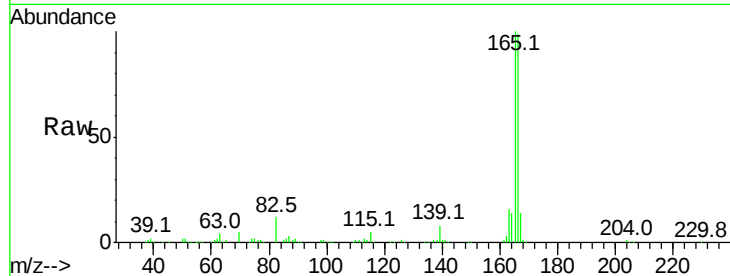




#57
 Fluorene
 Concen: 43.73 ng
 RT: 13.12 min Scan# 1960
 Delta R.T. -0.04 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

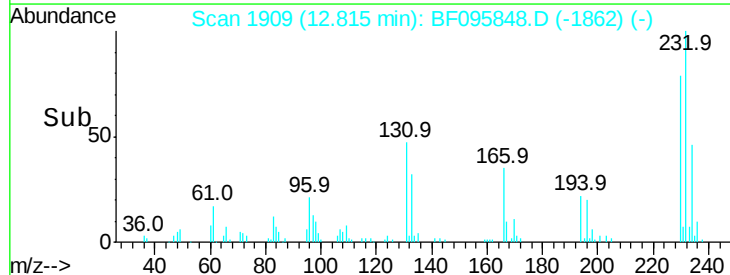
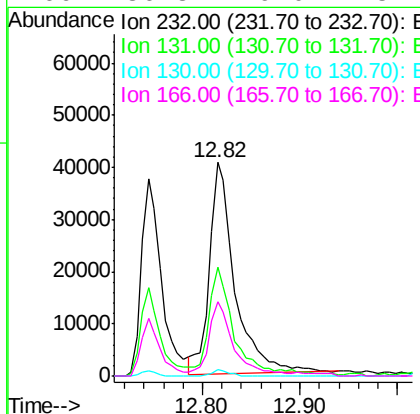
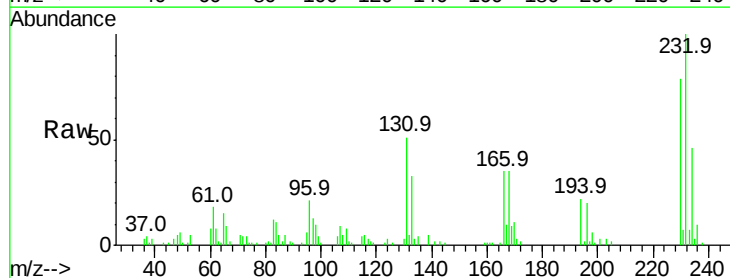
Instrument :
 BNA_F
 ClientSampleId :

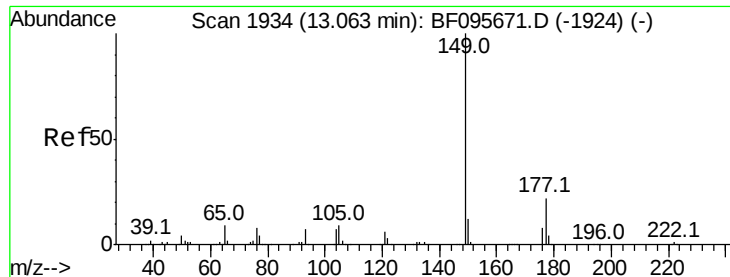
Tot Ion:166 Resp: 370493
 Ion Ratio Lower Upper
 166 100
 165 101.2 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.20 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion:232 Resp: 73405
 Ion Ratio Lower Upper
 232 100
 131 49.9 44.8 67.2
 130 2.0 2.3 3.5#
 166 36.3 29.0 43.4

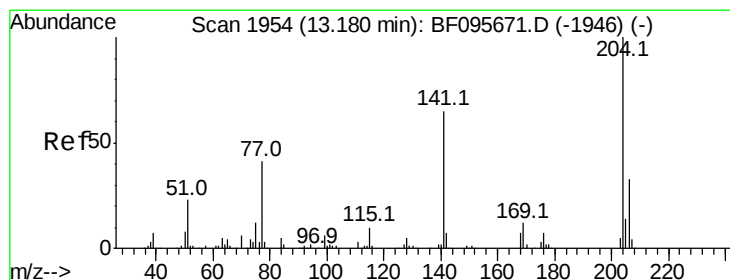
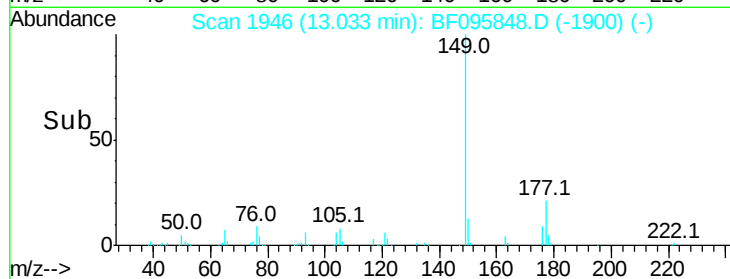
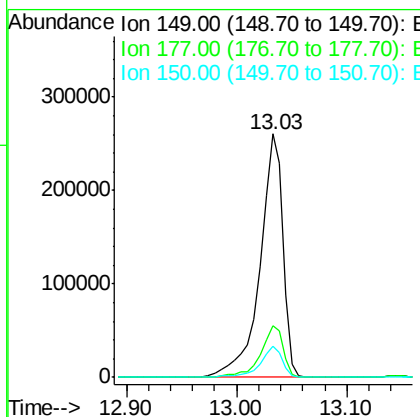
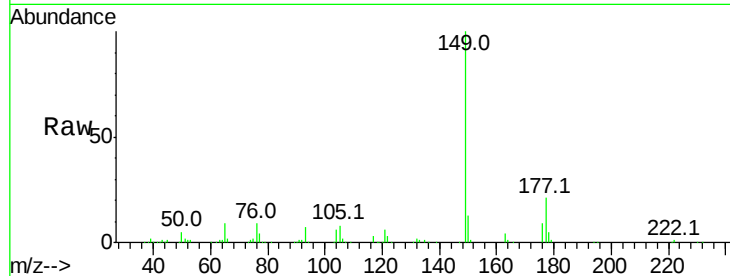




#59
Diethylphthalate
Concen: 47.92 ng
RT: 13.03 min Scan# 1946
Delta R.T. -0.03 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

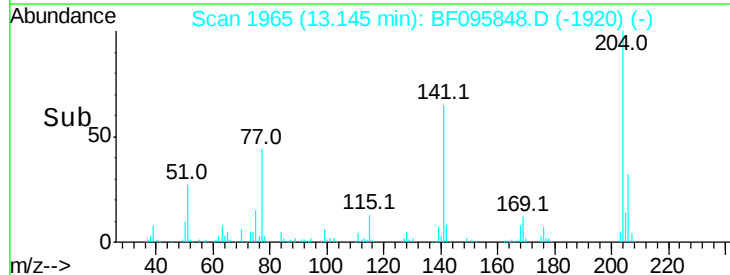
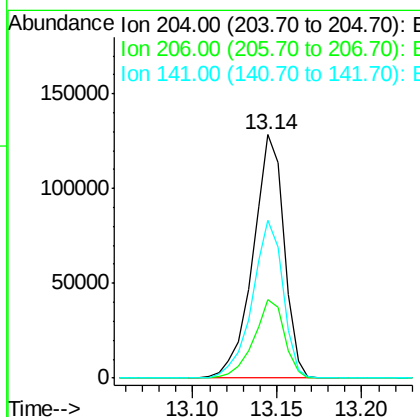
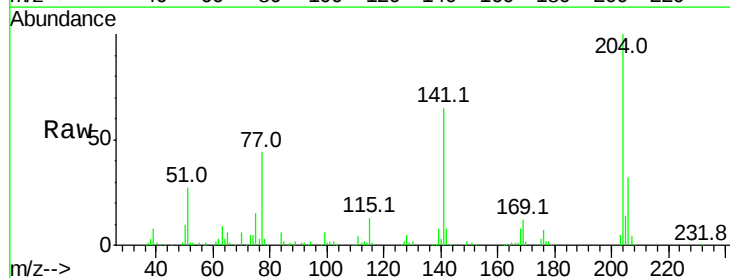
Instrument :
BNA_F
ClientSampled :

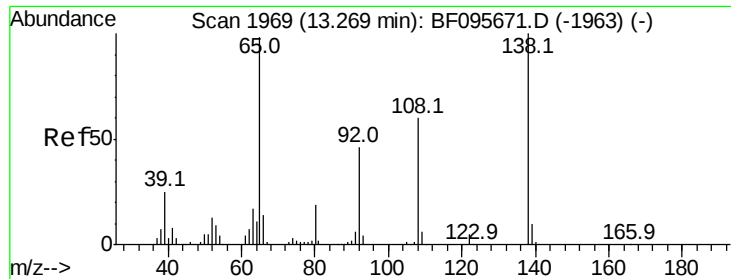
Tot Ion:149 Resp: 380767
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.57 ng
RT: 13.14 min Scan# 1965
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion:204 Resp: 164199
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 65.1 60.8 91.2

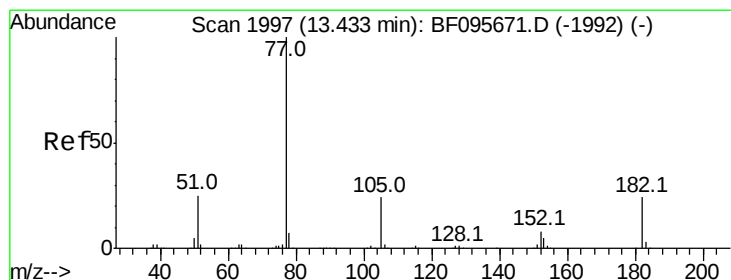
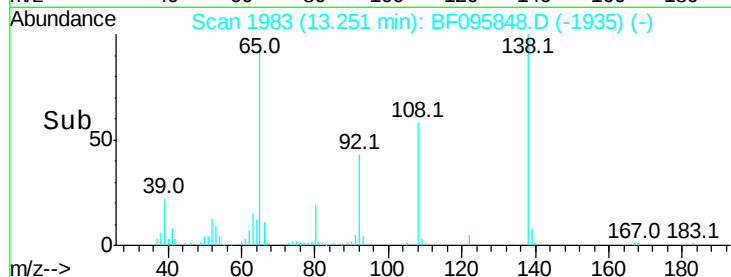
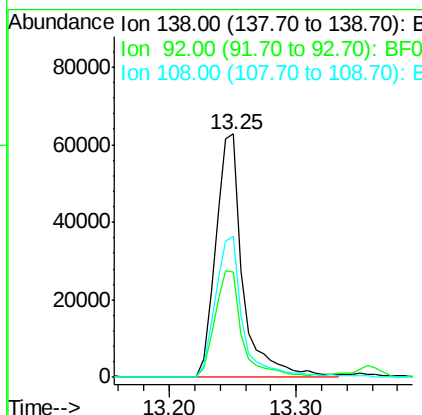
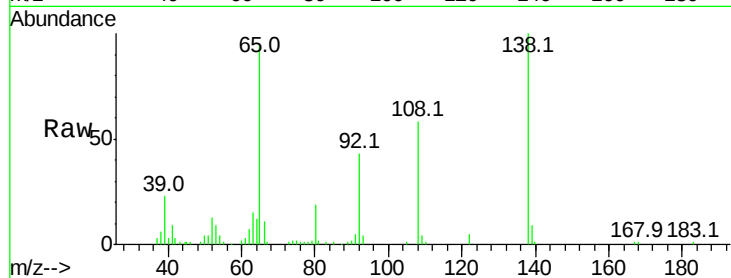




#61
 4-Nitroaniline
 Concen: 48.03 ng
 RT: 13.25 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

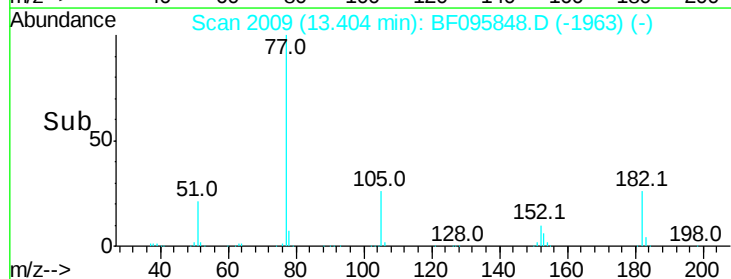
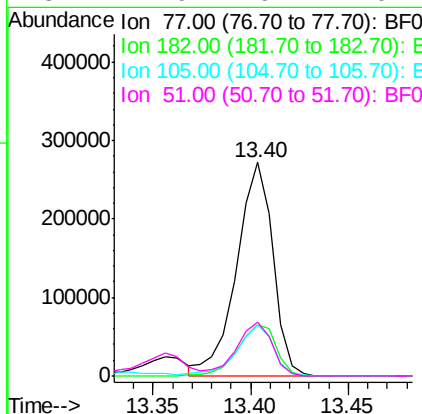
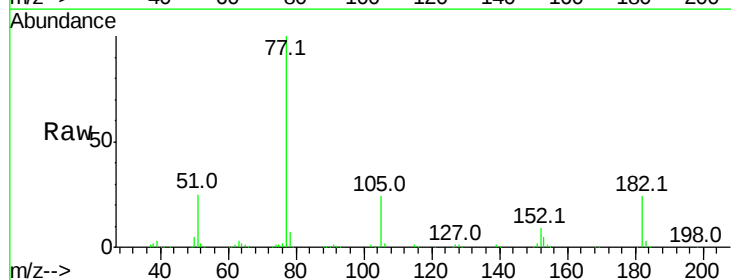
Instrument :
 BNA_F
 ClientSampleId :

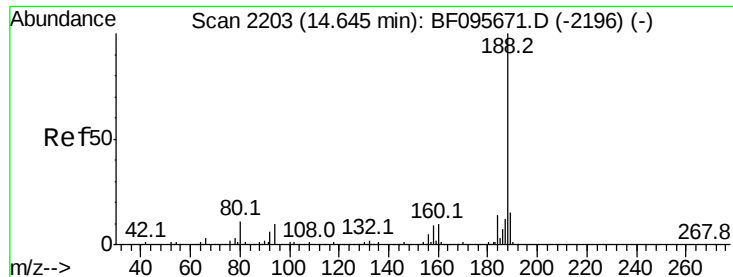
Tot Ion	Ratio	Lower	Upper
138	100		
92	43.3	21.8	61.8
108	58.2	42.3	82.3



#62
 Azobenzene
 Concen: 48.73 ng
 RT: 13.40 min Scan# 2009
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	0.1	40.1
105	23.9	3.6	43.6
51	24.9	9.4	49.4

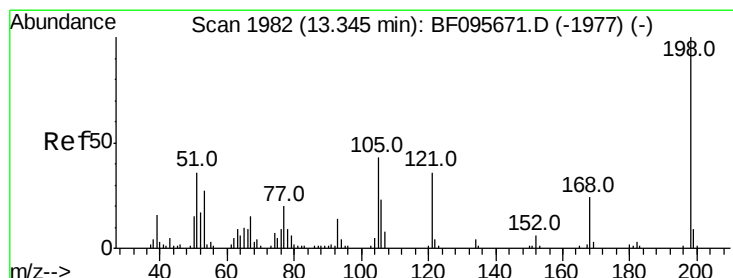
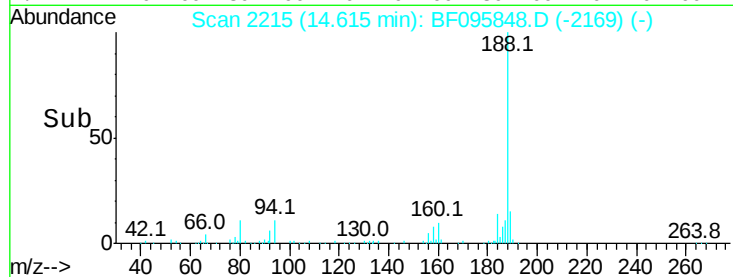
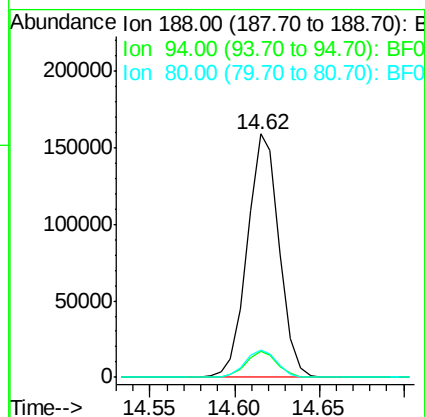
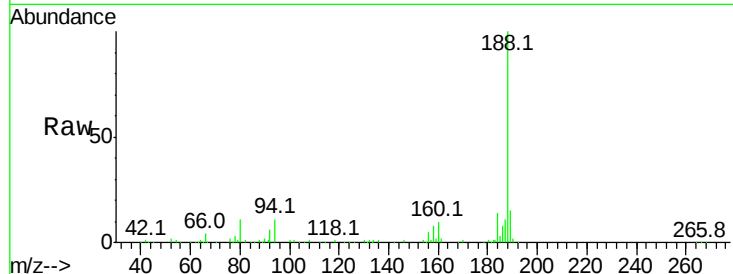




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2215
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

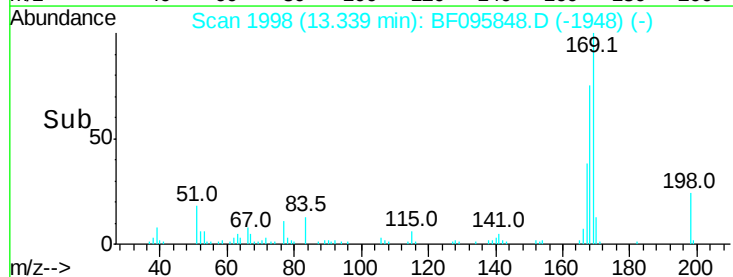
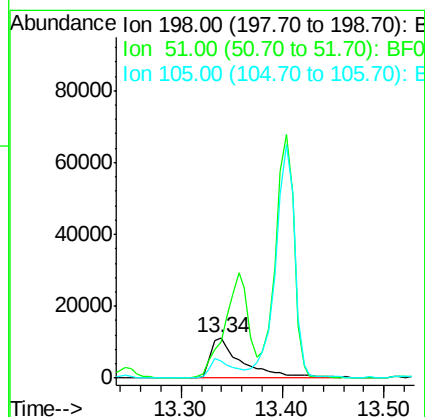
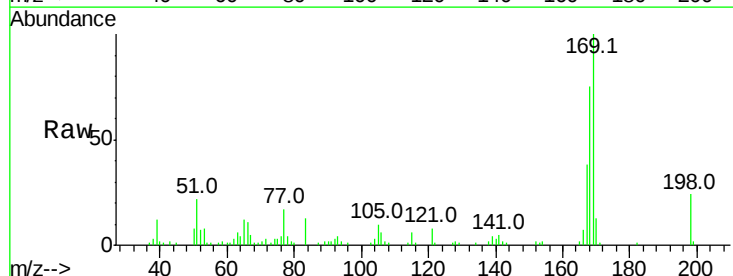
Instrument :
 BNA_F
 ClientSampleId :

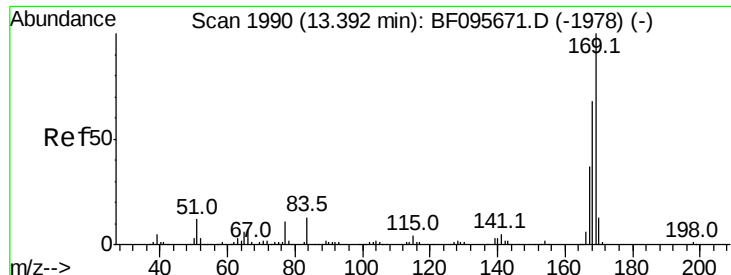
Tot Ion:188 Resp: 209181
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.4 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.06 ng
 RT: 13.34 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion:198 Resp: 24826
 Ion Ratio Lower Upper
 198 100
 51 88.8 53.2 93.2
 105 41.5 45.8 85.8#

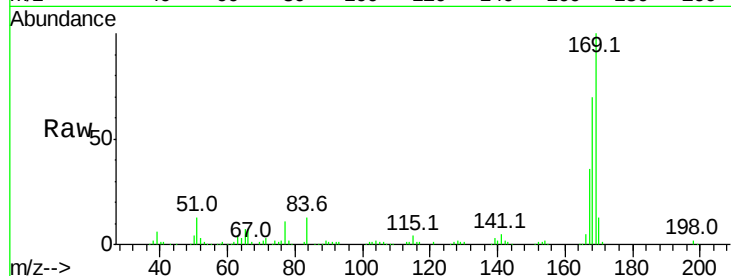




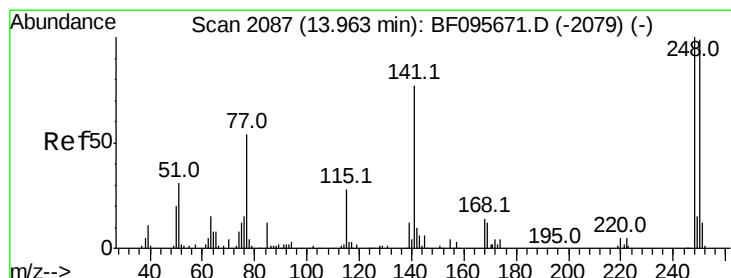
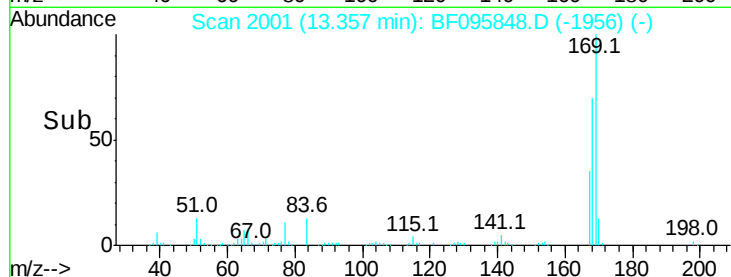
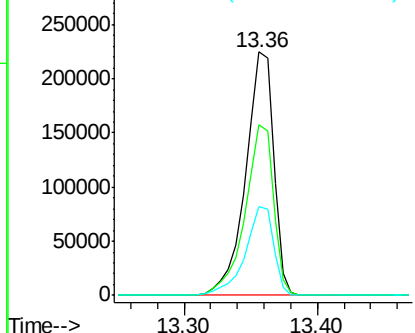
#65
n-Nitrosodiphenylamine
Concen: 43.10 ng
RT: 13.36 min Scan# 2001
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 323994
Ion Ratio Lower Upper
169 100
168 70.0 53.2 79.8
167 36.4 29.5 44.3

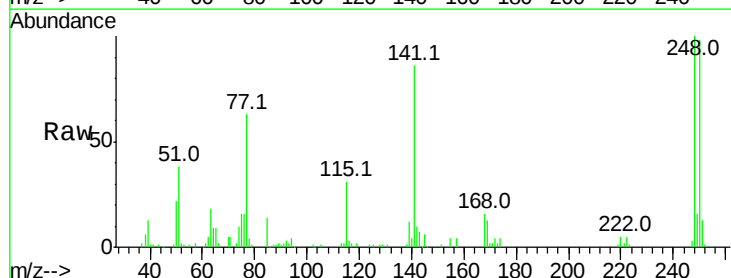


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

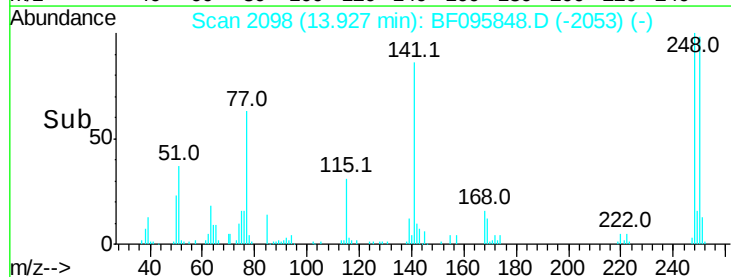
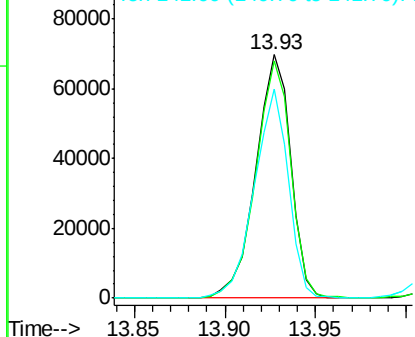


#66
4-Bromophenyl-phenylether
Concen: 42.85 ng
RT: 13.93 min Scan# 2098
Delta R.T. -0.04 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion:248 Resp: 93165
Ion Ratio Lower Upper
248 100
250 97.5 76.8 115.2
141 86.0 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.42 ng

RT: 14.02 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

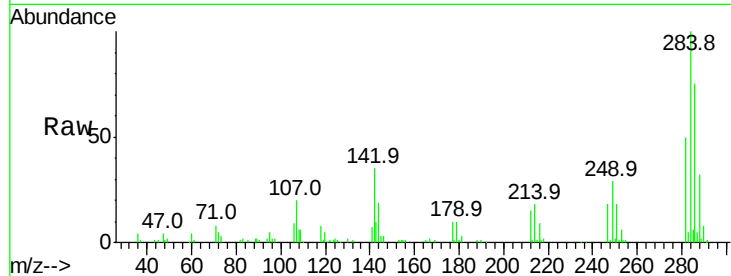
Tot Ion:284 Resp: 95154

Ion Ratio Lower Upper

284 100

142 35.4 22.8 34.2#

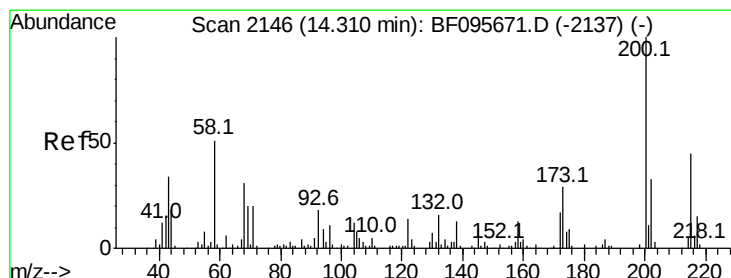
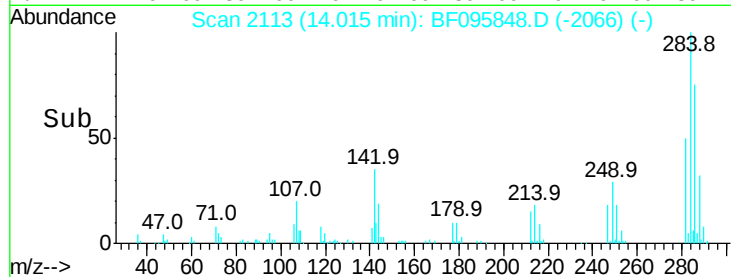
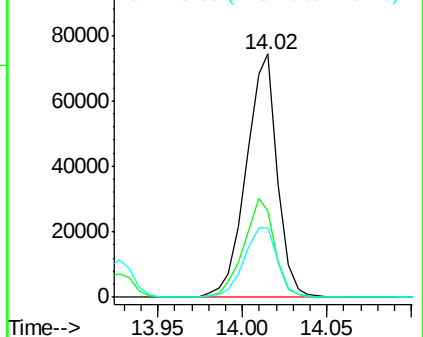
249 28.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.59 ng

RT: 14.29 min Scan# 2159

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

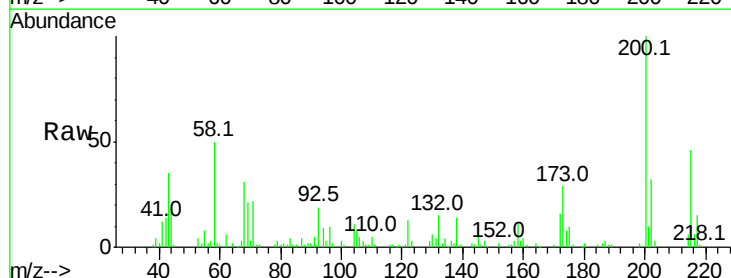
Tgt Ion:200 Resp: 101653

Ion Ratio Lower Upper

200 100

173 29.2 6.3 46.3

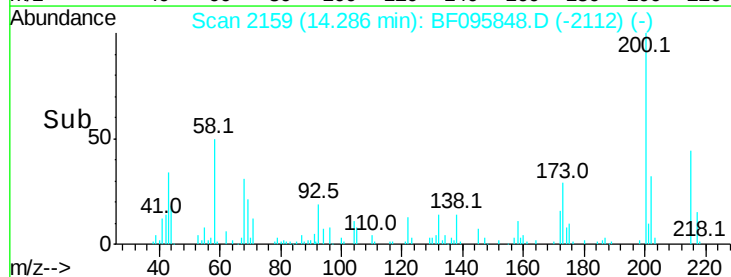
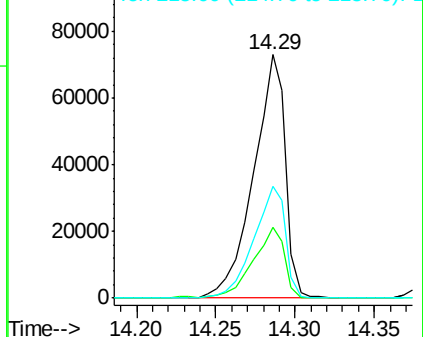
215 45.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

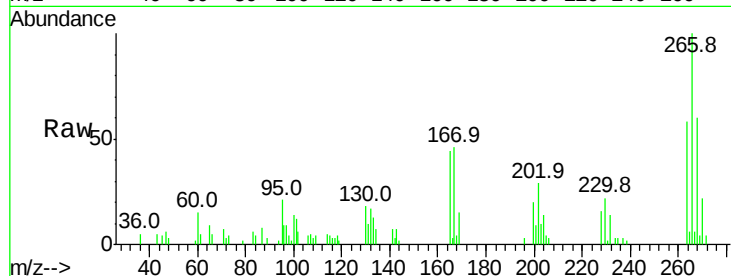




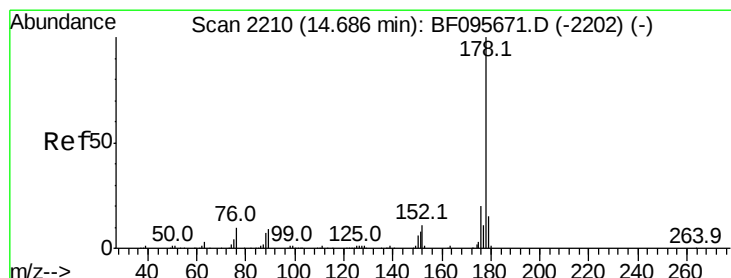
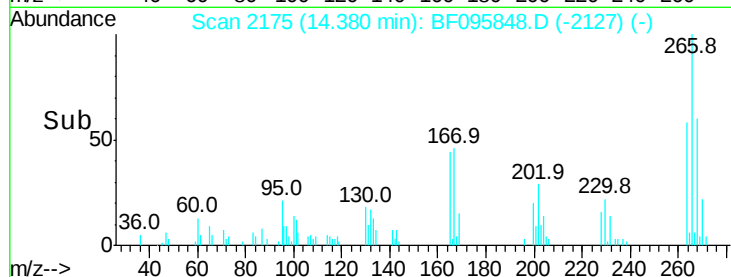
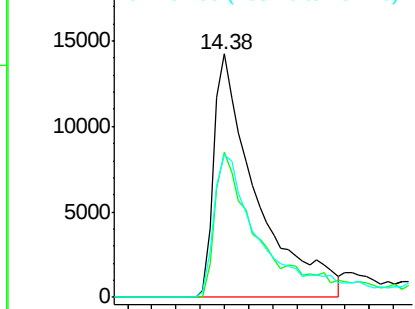
#69
 Pentachlorophenol
 Concen: 45.84 ng
 RT: 14.38 min Scan# 2175
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 34741
 Ion Ratio Lower Upper
 266 100
 268 59.8 51.1 76.7
 264 58.5 51.7 77.5

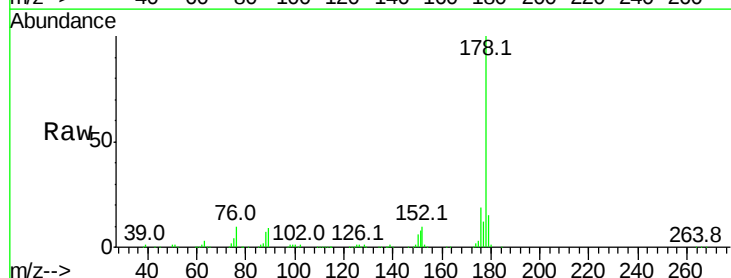


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

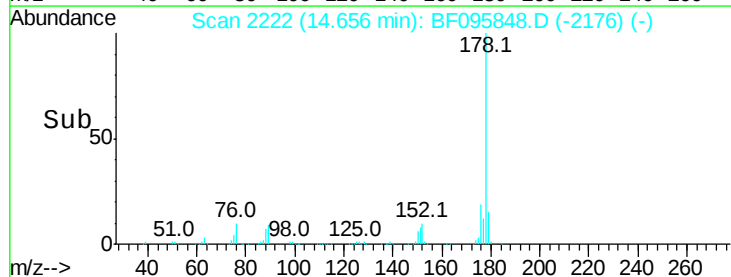
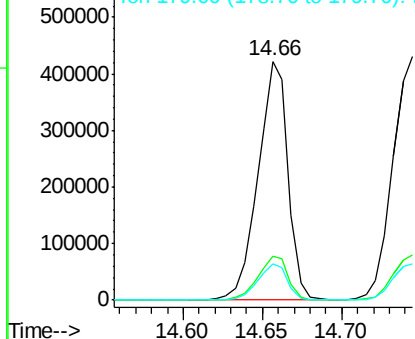


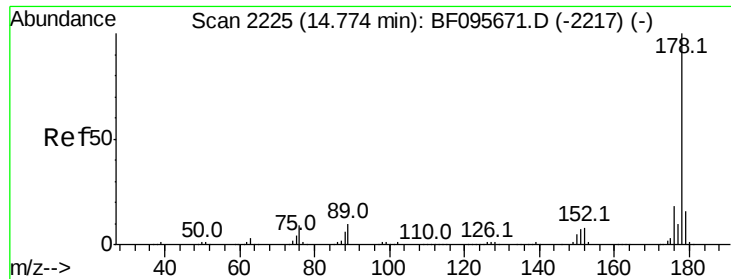
#70
 Phenanthrene
 Concen: 45.91 ng
 RT: 14.66 min Scan# 2222
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion:178 Resp: 554057
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.2 24.4
 179 15.2 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

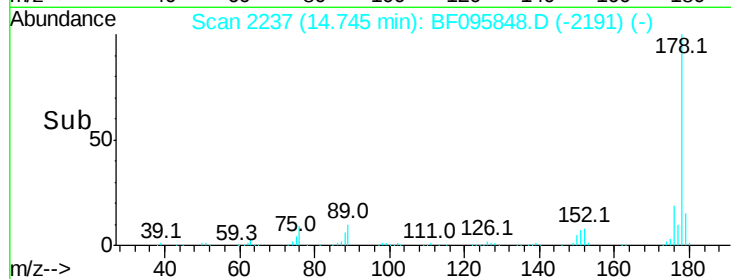
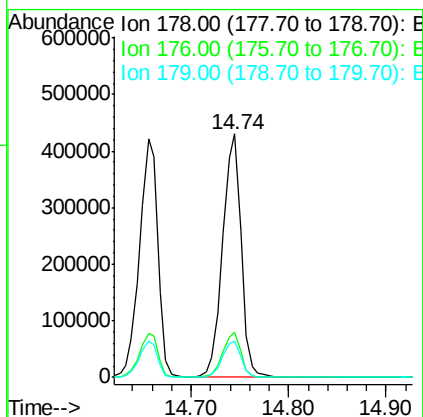
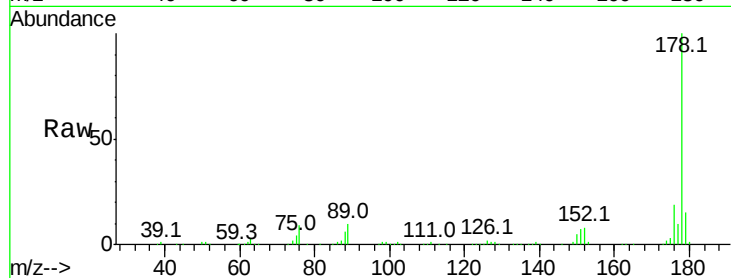




#71
 Anthracene
 Concen: 45.12 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

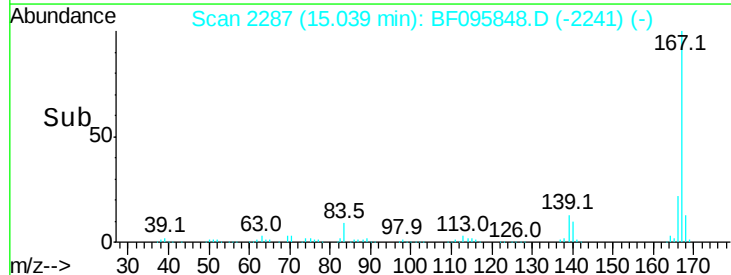
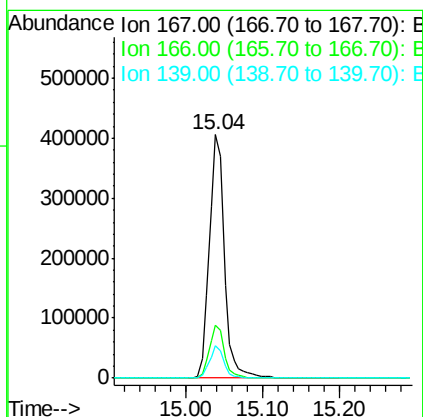
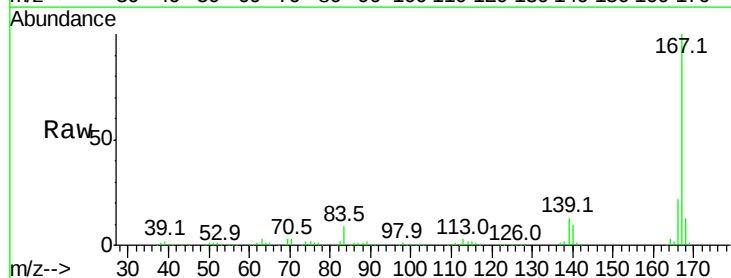
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 568556
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 44.17 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion:167 Resp: 542409
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.71 ng

RT: 15.63 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

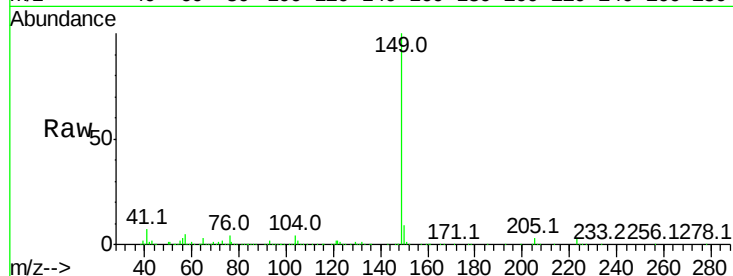
Tot Ion:149 Resp: 636314

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

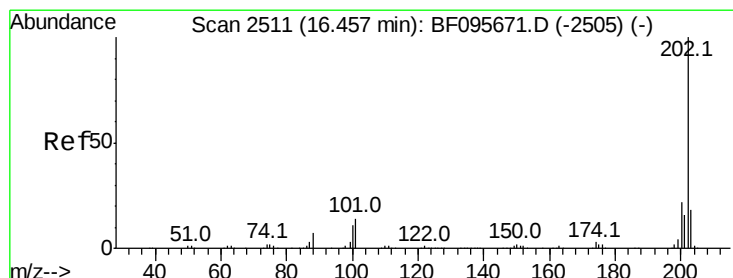
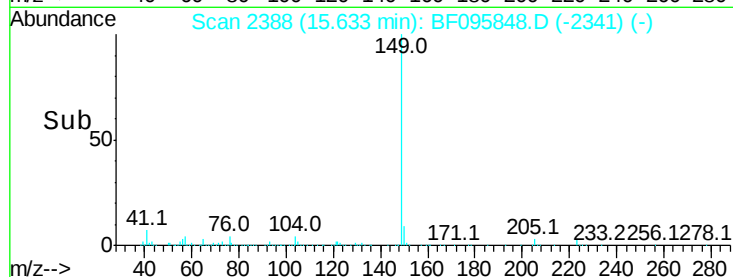
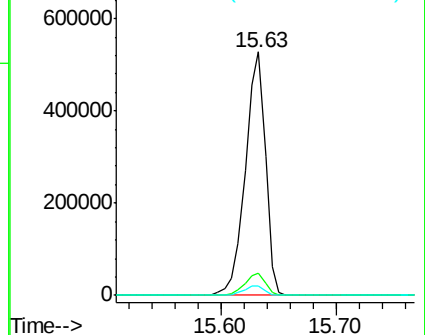
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.75 ng

RT: 16.44 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

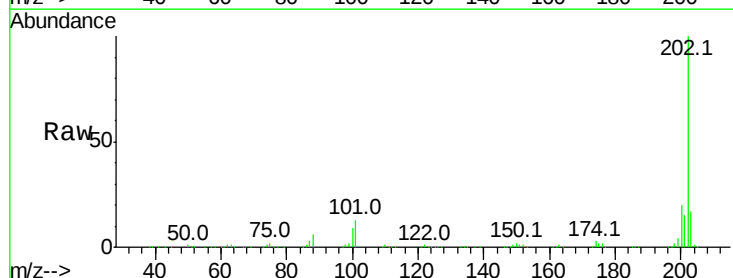
Tgt Ion:202 Resp: 582378

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.2

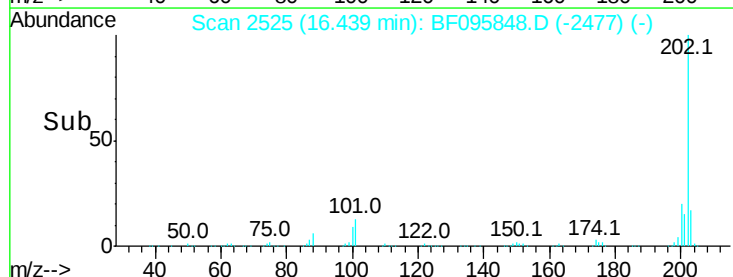
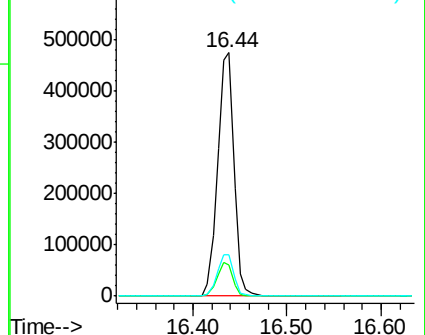
203 17.0 0.0 38.1

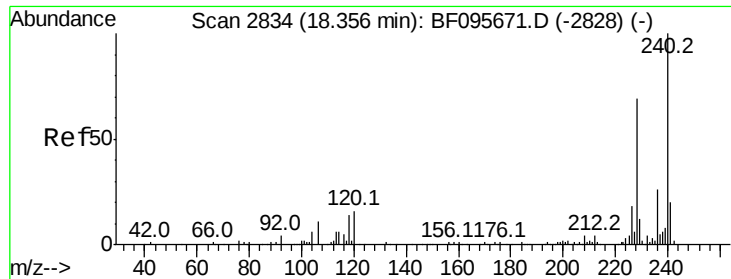


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.34 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

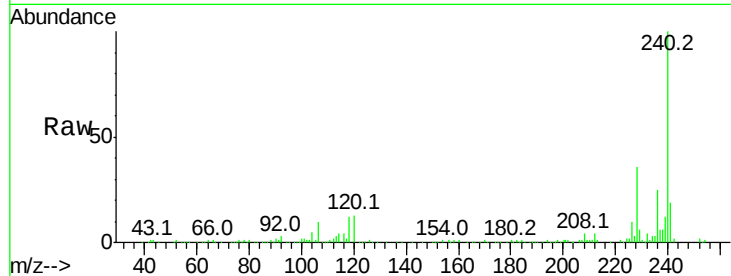
Tot Ion:240 Resp: 160769

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

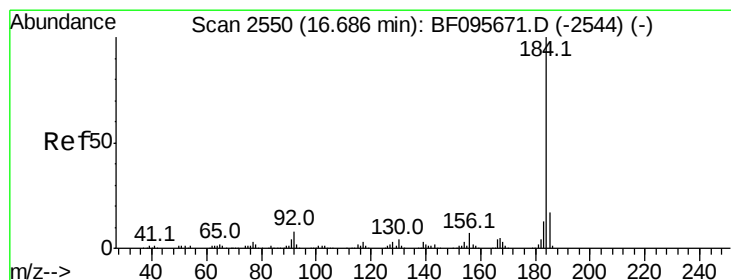
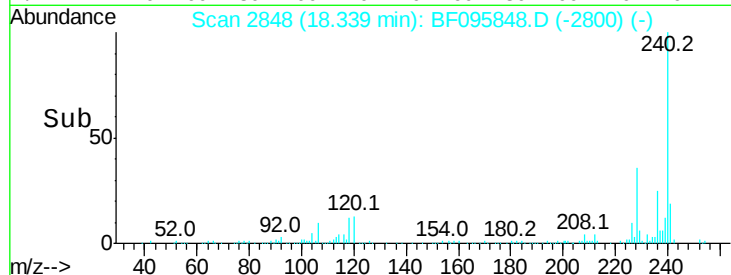
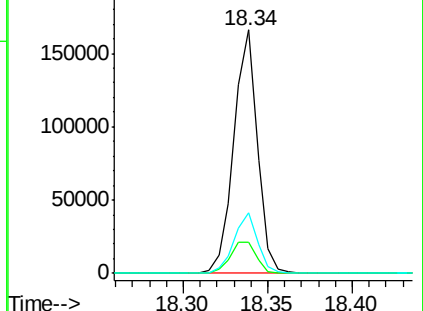
236 25.1 20.5 30.7



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: 37.97 ng

RT: 16.66 min Scan# 2563

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

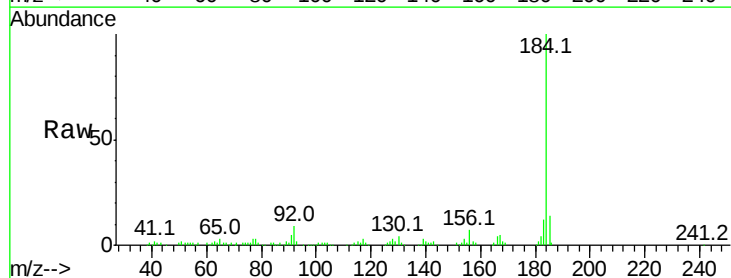
Tgt Ion:184 Resp: 234435

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

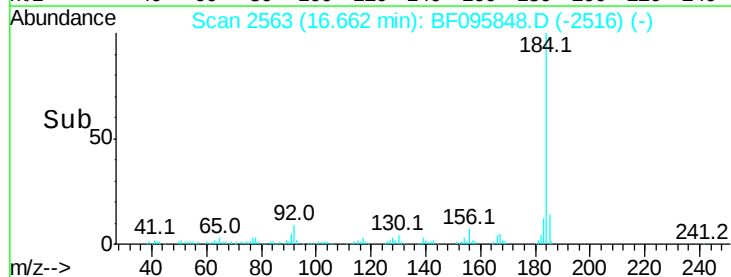
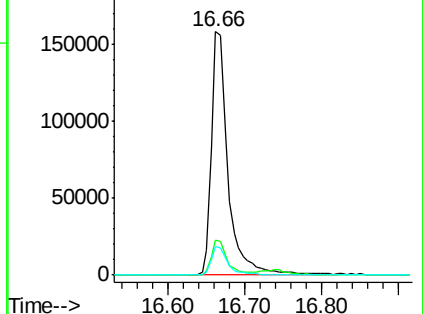
183 11.8 9.8 14.6

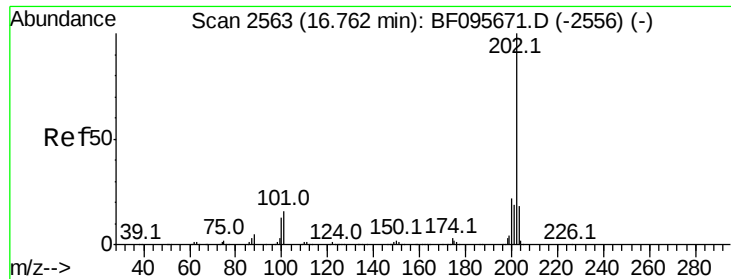


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.06 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

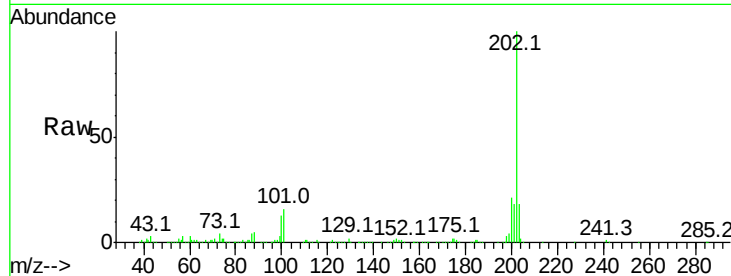
Tot Ion:202 Resp: 588518

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

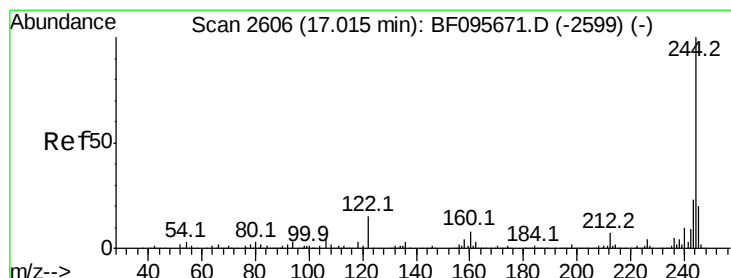
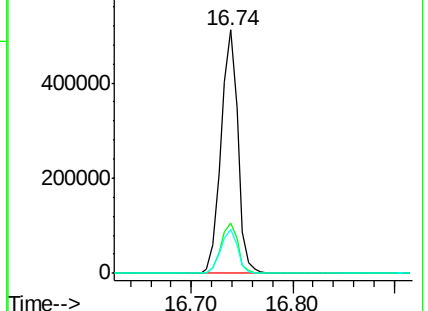
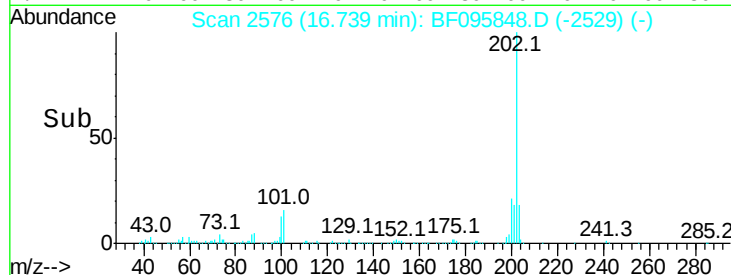
203 18.1 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 101.87 ng

RT: 17.00 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

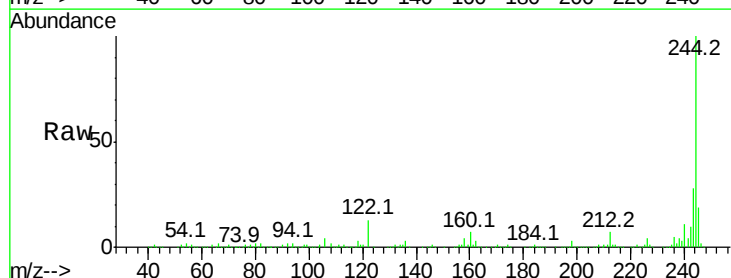
Tgt Ion:244 Resp: 659945

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

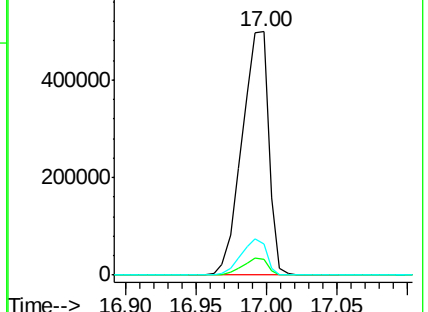
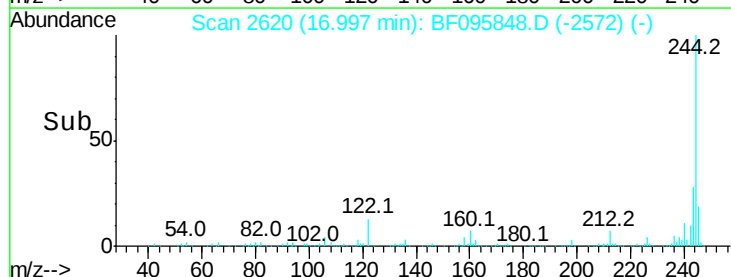
122 12.9 10.3 15.5

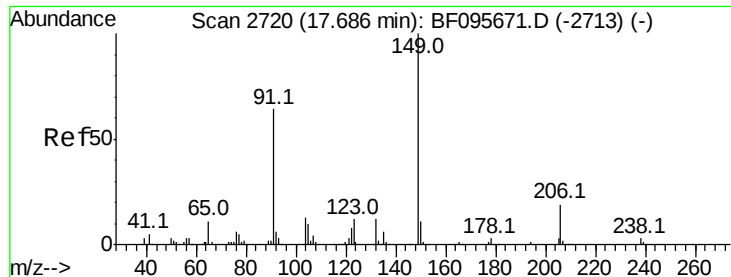


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

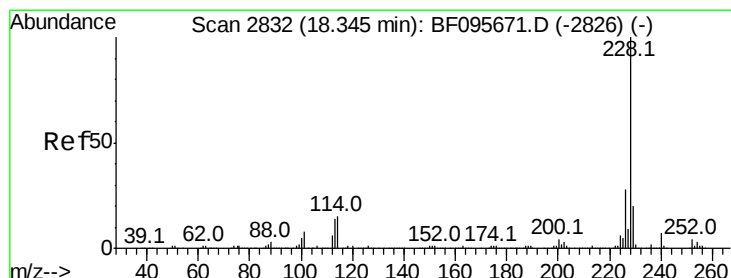
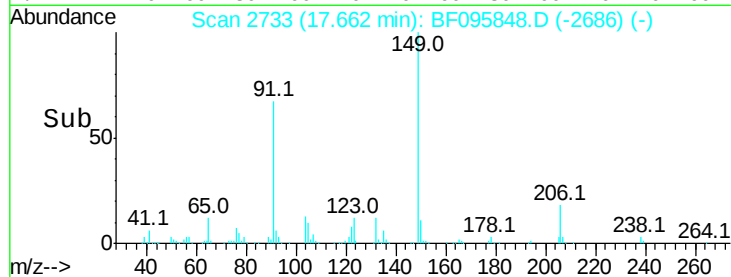
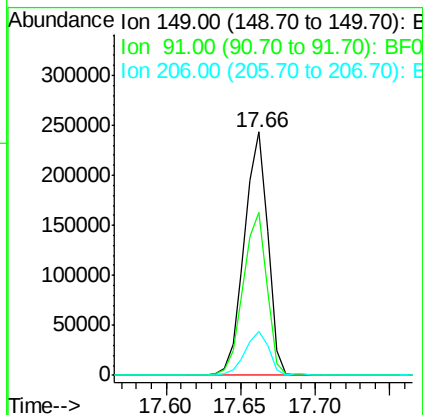
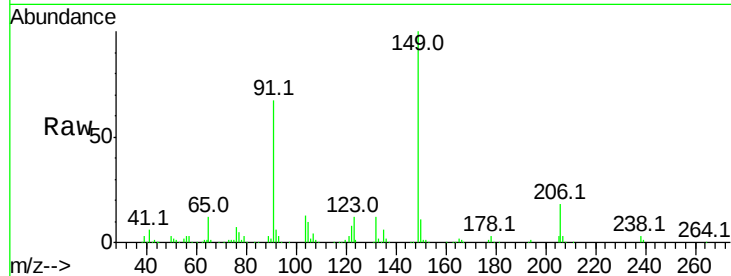




#79
Butylbenzylphthalate
Concen: 50.69 ng
RT: 17.66 min Scan# 2733
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

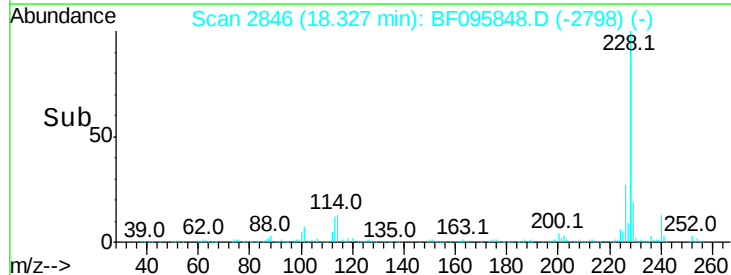
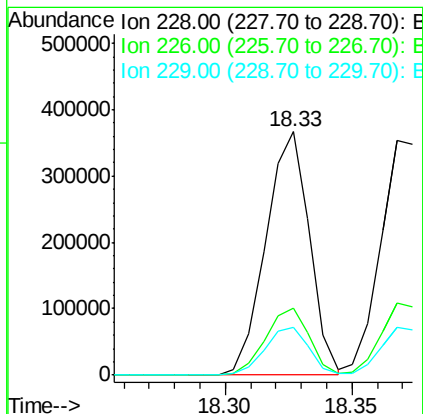
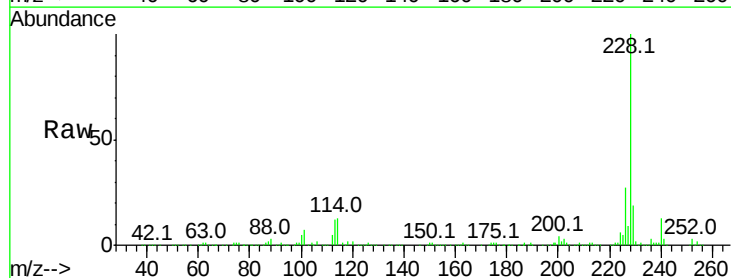
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 265549
Ion Ratio Lower Upper
149 100
91 67.2 45.0 67.4
206 17.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 47.12 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095848.D
Acq: 10 Jun 2017 15:21

Tgt Ion:228 Resp: 440416
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.4 16.3 24.5

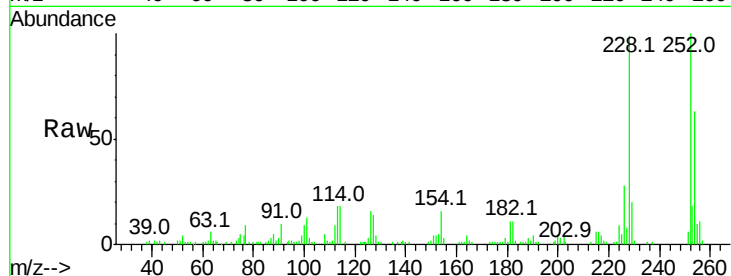




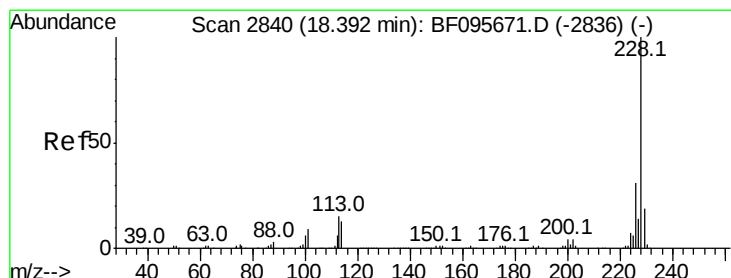
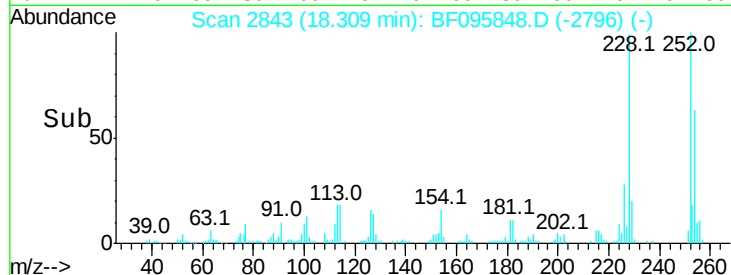
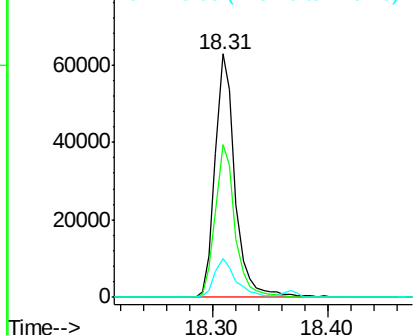
#81
 3,3'-Dichlorobenzidine
 Concen: 22.73 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 75548
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.5 77.3
 126 15.7 15.8 23.8#

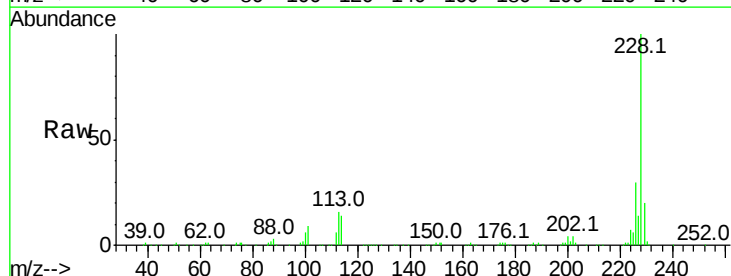


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

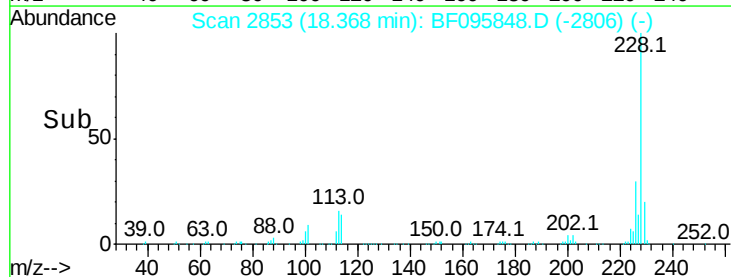
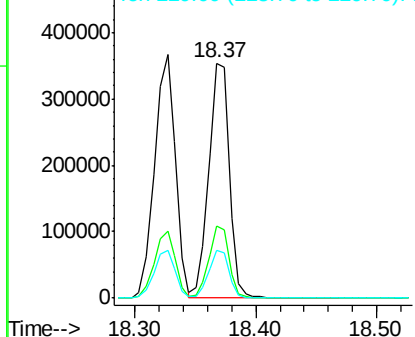


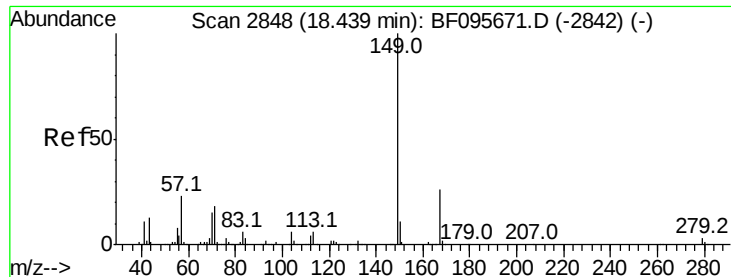
#82
 Chrysene
 Concen: 44.24 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion:228 Resp: 413250
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.5 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: 50.40 ng

RT: 18.41 min Scan# 2860

Delta R.T. -0.03 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

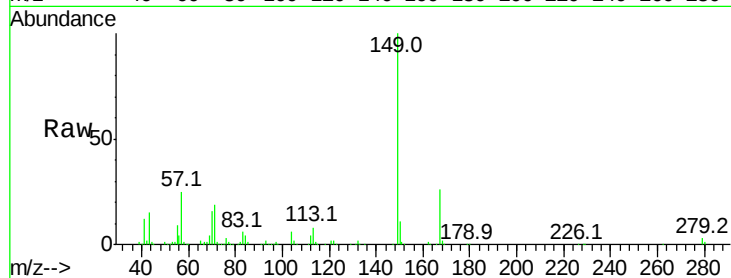
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 372462

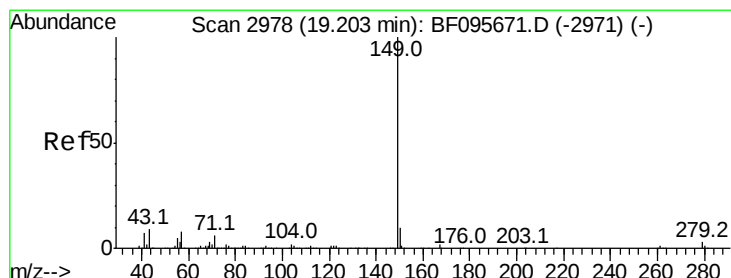
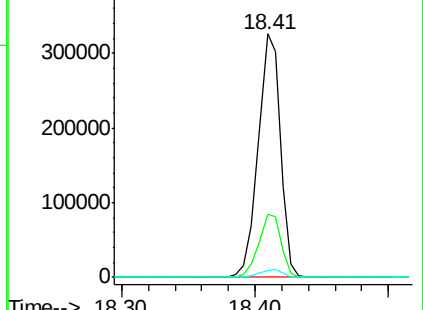
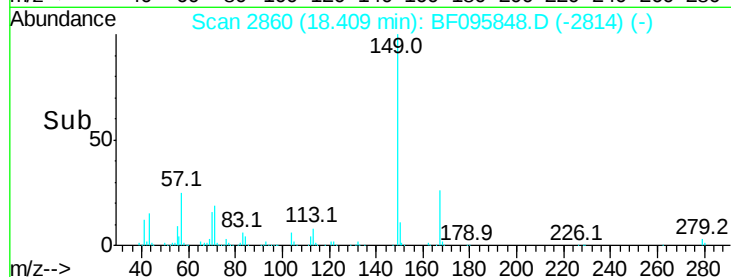
Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	3.0	1.9	2.9#



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: 44.59 ng

RT: 19.18 min Scan# 2991

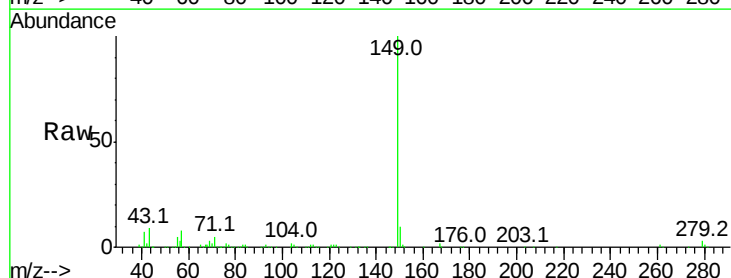
Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion:149 Resp: 543020

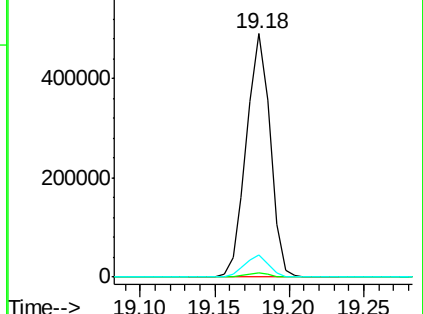
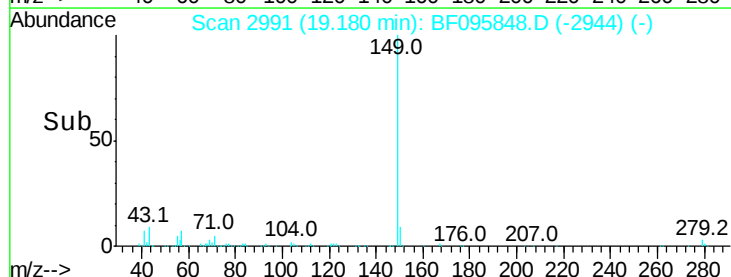
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	8.5	12.7

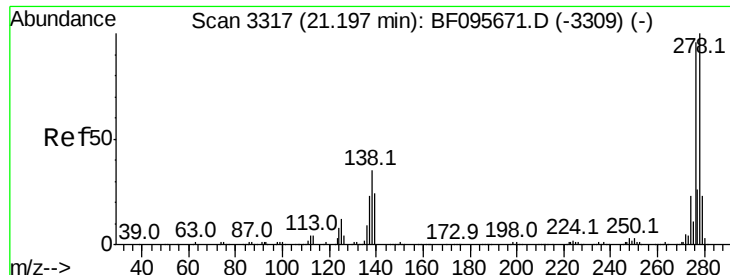


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

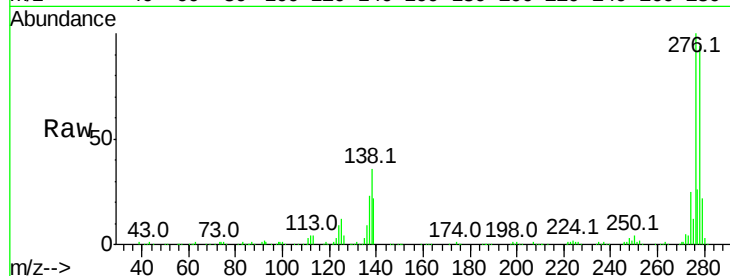




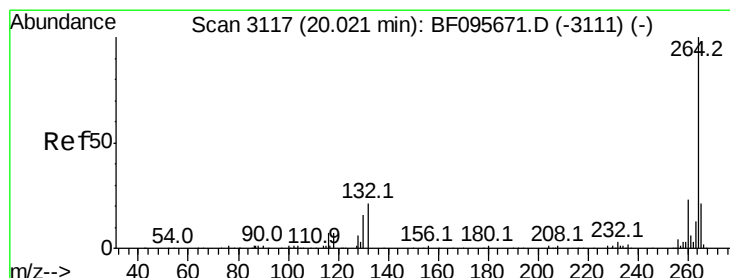
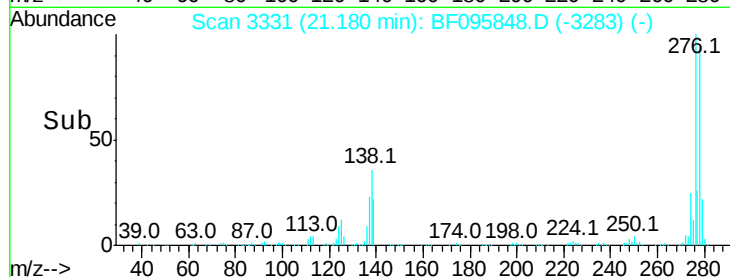
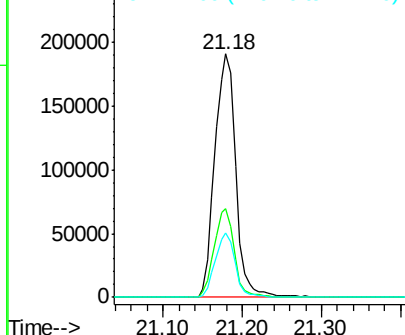
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.96 ng
 RT: 21.18 min Scan# 3331
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 351376
 Ion Ratio Lower Upper
 276 100
 138 34.7 27.8 41.6
 277 25.2 20.2 30.4

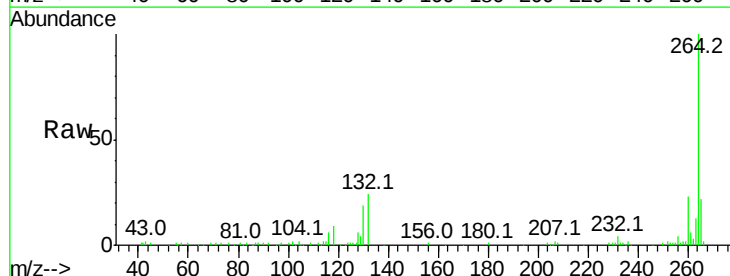


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

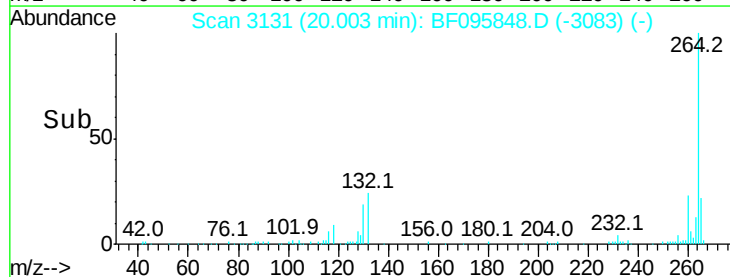
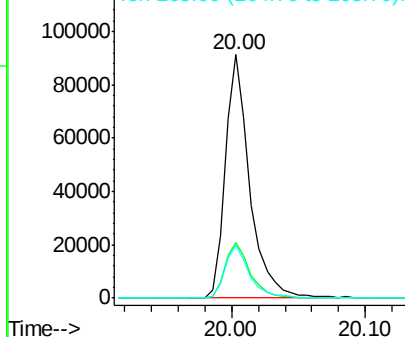


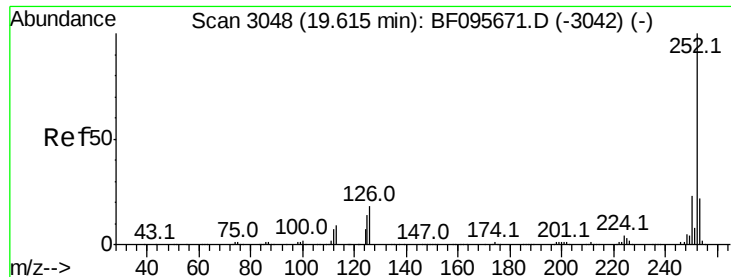
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095848.D
 Acq: 10 Jun 2017 15:21

Tgt Ion:264 Resp: 117140
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.49 ng

RT: 19.60 min Scan# 3062

Delta R.T. -0.02 min

Lab File: BF095848.D

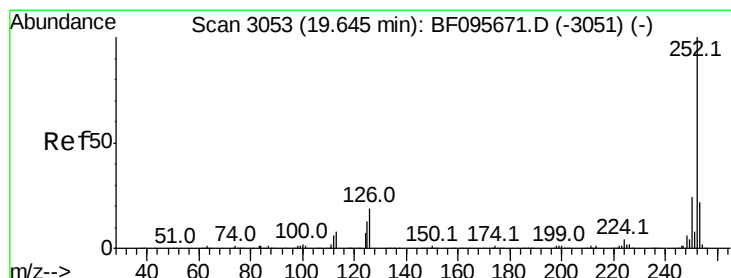
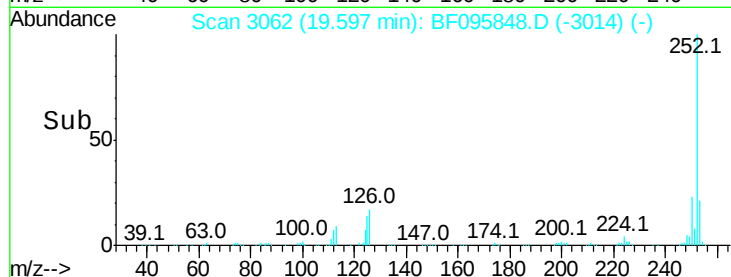
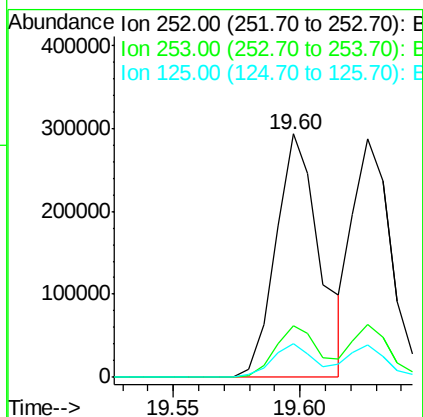
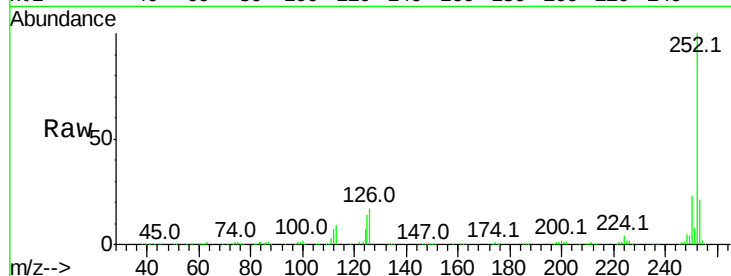
Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	355688
Ion Ratio	Lower	Upper
252	100	
253	21.1	18.1 27.1
125	13.6	9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 43.56 ng

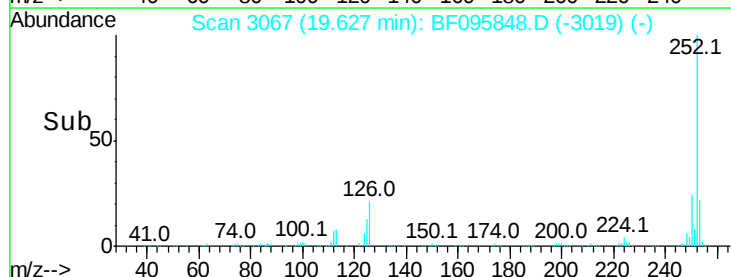
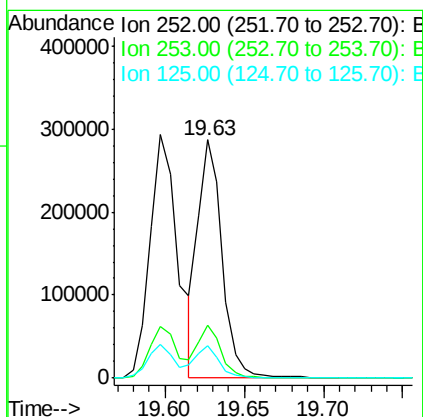
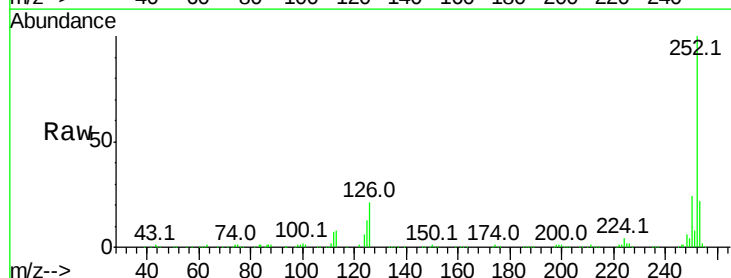
RT: 19.63 min Scan# 3067

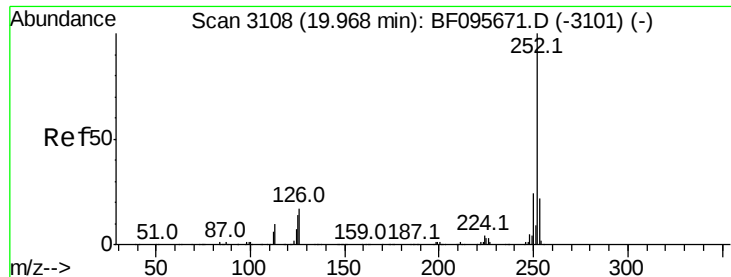
Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Tgt Ion:252	Resp:	305388
Ion Ratio	Lower	Upper
252	100	
253	22.2	18.4 27.6
125	13.4	13.1 19.7





#89

Benzo(a)pyrene

Concen: 46.34 ng

RT: 19.95 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

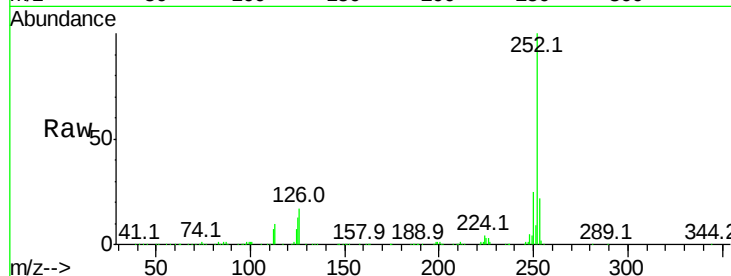
Tot Ion:252 Resp: 312398

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

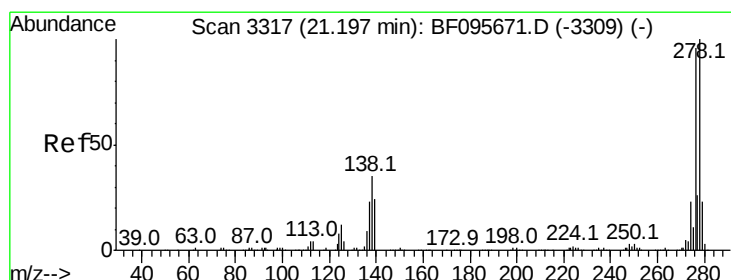
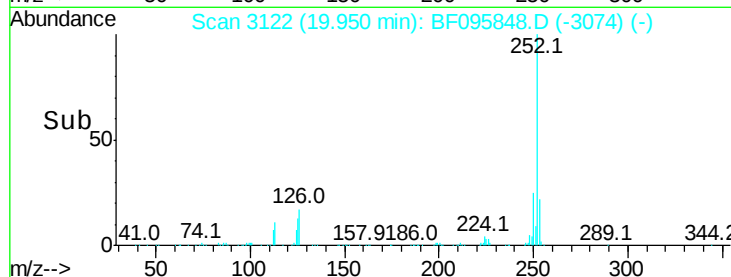
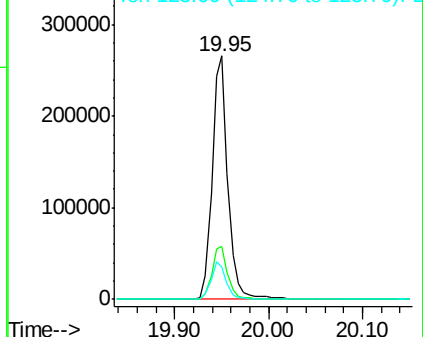
125 13.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.83 ng

RT: 21.18 min Scan# 3331

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

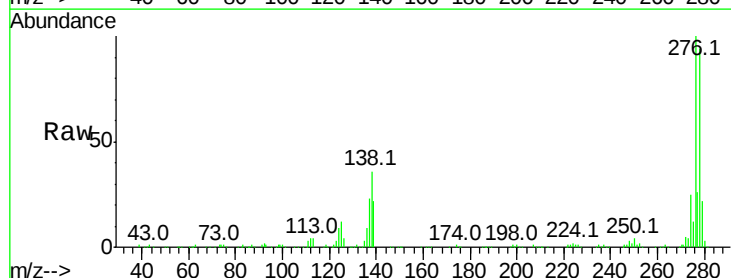
Tgt Ion:278 Resp: 290685

Ion Ratio Lower Upper

278 100

139 23.3 16.6 24.8

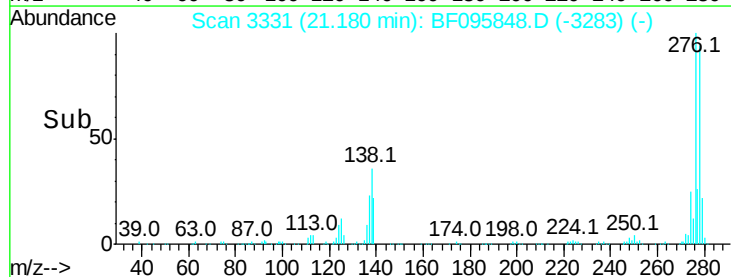
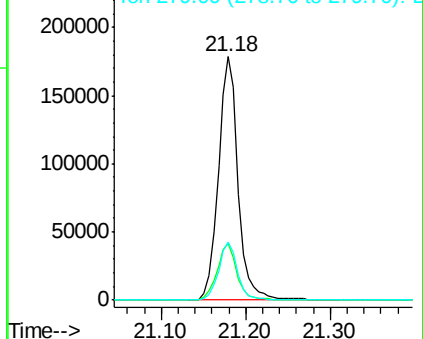
279 23.7 19.3 28.9

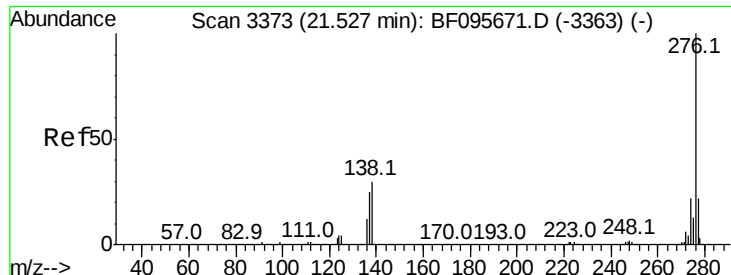


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 53.72 ng

RT: 21.51 min Scan# 3387

Delta R.T. -0.02 min

Lab File: BF095848.D

Acq: 10 Jun 2017 15:21

Instrument :

BNA_F

ClientSampleId :

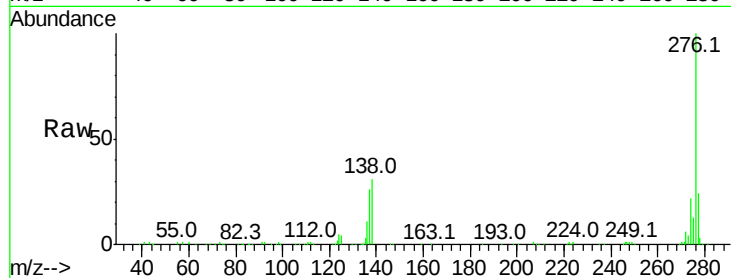
Tot Ion:276 Resp: 313171

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 30.5 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

