

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095796.D
 Acq On : 8 Jun 2017 22:06
 Operator : SJ/MA
 Sample : I3457-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 09 01:26:15 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	69738	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	283431	20.00	ng	-0.04
38) Acenaphthene-d10	12.23	164	126738	20.00	ng	-0.03
63) Phenanthrene-d10	14.62	188	215245	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	135942	20.00	ng	-0.02
86) Perylene-d12	20.00	264	127495	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	617045	140.99	ng	-0.01
7) Phenol-d6	6.94	99	726349	138.63	ng	-0.02
23) Nitrobenzene-d5	8.29	82	426014	93.35	ng	-0.03
41) 2,4,6-Tribromophenol	13.52	330	140999	125.74	ng	-0.03
44) 2-Fluorobiphenyl	11.19	172	713848	78.38	ng	-0.03
78) Terphenyl-d14	16.99	244	502607	91.76	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.75	88	68069	32.69	ng	96
3) Pyridine	2.29	79	167112	34.15	ng	92
4) n-Nitrosodimethylamine	2.26	42	74725	40.17	ng	81
6) Aniline	6.87	93	229771	33.52	ng	95
8) 2-Chlorophenol	7.05	128	205275	44.11	ng	95
9) Benzaldehyde	6.67	77	93063	26.33	ng	97
10) Phenol	6.96	94	259236	47.70	ng	88
11) bis(2-Chloroethyl)ether	7.02	93	180160	41.84	ng	95
12) 1,3-Dichlorobenzene	7.27	146	210257	39.92	ng	97
13) 1,4-Dichlorobenzene	7.40	146	223563	41.85	ng	97
14) 1,2-Dichlorobenzene	7.63	146	204430	41.52	ng	96
15) Benzyl Alcohol	7.67	79	163563	45.48	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.87	45	250094	41.34	ng	98
17) 2-Methylphenol	7.90	107	171244	43.85	ng	94
18) Hexachloroethane	8.15	117	70173	39.78	ng	# 87
19) n-Nitroso-di-n-propylamine	8.10	70	139307	41.96	ng	95
20) 3+4-Methylphenols	8.16	107	220440	44.47	ng	# 58
22) Acetophenone	8.06	105	279560	42.14	ng	# 83
24) Nitrobenzene	8.32	77	199274	40.88	ng	95
25) Isophorone	8.72	82	351964	41.30	ng	96
26) 2-Nitrophenol	8.83	139	112178	43.94	ng	99
27) 2,4-Dimethylphenol	8.98	122	180710	45.61	ng	97
28) bis(2-Chloroethoxy)methane	9.10	93	232721	41.43	ng	98
29) 2,4-Dichlorophenol	9.26	162	166077	43.53	ng	97
30) 1,2,4-Trichlorobenzene	9.33	180	163812	41.26	ng	98
31) Naphthalene	9.43	128	581135	40.85	ng	99
32) Benzoic acid	9.28	122	19806	12.26	ng	93
33) 4-Chloroaniline	9.59	127	173569	31.22	ng	# 91
34) Hexachlorobutadiene	9.66	225	82248	40.09	ng	98
35) Caprolactam	10.21	113	30032	26.45	ng	87
36) 4-Chloro-3-methylphenol	10.46	107	173568	43.46	ng	89
37) 2-Methylnaphthalene	10.56	142	386420	40.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	149371	39.38	ng	99
40) Hexachlorocyclopentadiene	10.82	237	49775	47.22	ng	97

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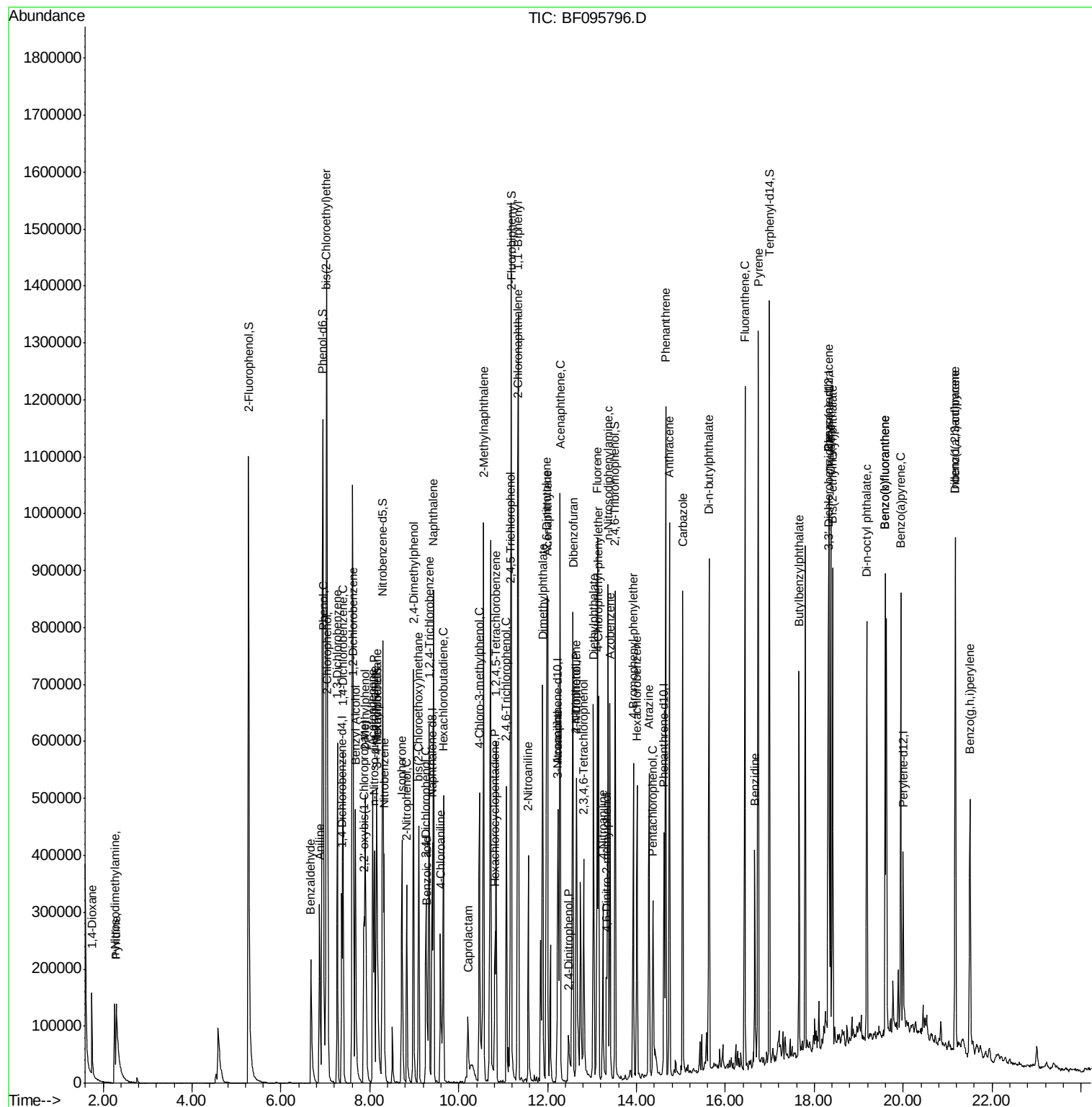
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	103901	42.60	nq	98
43) 2,4,5-Trichlorophenol	11.16	196	105830	40.80	nq	93
45) 1,1'-Biphenyl	11.33	154	425029	40.69	nq	97
46) 2-Chloronaphthalene	11.34	162	327186	40.09	nq	95
47) 2-Nitroaniline	11.56	65	98742	41.34	nq	# 83
48) Acenaphthylene	12.00	152	524777	37.60	nq	99
49) Dimethylphthalate	11.89	163	488035	50.72	nq	98
50) 2,6-Dinitrotoluene	11.98	165	86742	41.33	nq	# 86
51) Acenaphthene	12.28	154	311120	38.60	nq	100
52) 3-Nitroaniline	12.24	138	77890	31.85	nq	94
53) 2,4-Dinitrophenol	12.47	184	37078	35.15	nq	# 66
54) Dibenzofuran	12.57	168	476927	42.04	nq	98
55) 4-Nitrophenol	12.64	139	108892	76.48	nq	# 66
56) 2,4-Dinitrotoluene	12.65	165	119391	42.11	nq	# 91
57) Fluorene	13.12	166	382379	38.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.82	232	78588	44.28	nq	# 90
59) Diethylphthalate	13.03	149	376439	40.65	nq	99
60) 4-Chlorophenyl-phenylether	13.15	204	166157	38.70	nq	88
61) 4-Nitroaniline	13.24	138	88251	38.65	nq	95
62) Azobenzene	13.40	77	344427	41.04	nq	94
64) 4,6-Dinitro-2-methylphenol	13.32	198	44629	31.54	nq	# 68
65) n-Nitrosodiphenylamine	13.36	169	326312	42.19	nq	98
66) 4-Bromophenyl-phenylether	13.93	248	91863	41.07	nq	97
67) Hexachlorobenzene	14.01	284	89072	40.41	nq	# 85
68) Atrazine	14.29	200	93492	43.43	nq	97
69) Pentachlorophenol	14.37	266	65613	78.62	nq	94
70) Phenanthrene	14.66	178	654704	52.72	nq	98
71) Anthracene	14.74	178	537066	41.42	nq	99
72) Carbazole	15.04	167	491761	38.92	nq	97
73) Di-n-butylphthalate	15.63	149	559875	41.65	nq	98
74) Fluoranthene	16.44	202	653560	53.17	nq	98
76) Benzidine	16.66	184	198072	37.94	nq	# 92
77) Pyrene	16.74	202	631402	62.25	nq	98
79) Butylbenzylphthalate	17.66	149	202762	45.77	nq	90
80) Benzo(a)anthracene	18.32	228	390773	49.44	nq	100
81) 3,3'-Dichlorobenzidine	18.31	252	106448	37.88	nq	# 96
82) Chrysene	18.37	228	377864	47.84	nq	98
83) Bis(2-ethylhexyl)phthalate	18.42	149	320943	51.36	nq	# 98
84) Di-n-octyl phthalate	19.18	149	444110	43.13	nq	97
85) Indeno(1,2,3-cd)pyrene	21.17	276	339767	50.28	nq	99
87) Benzo(b)fluoranthene	19.60	252	365046	45.73	nq	98
88) Benzo(k)fluoranthene	19.60	252	365046	47.84	nq	97
89) Benzo(a)pyrene	19.94	252	341072	46.48	nq	98
90) Dibenzo(a,h)anthracene	21.17	278	259864	41.75	nq	98
91) Benzo(g,h,i)perylene	21.50	276	293470	46.25	nq	96

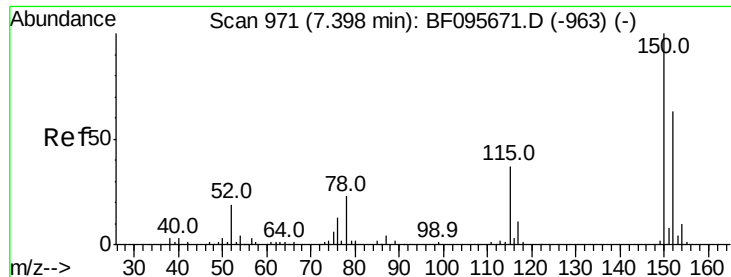
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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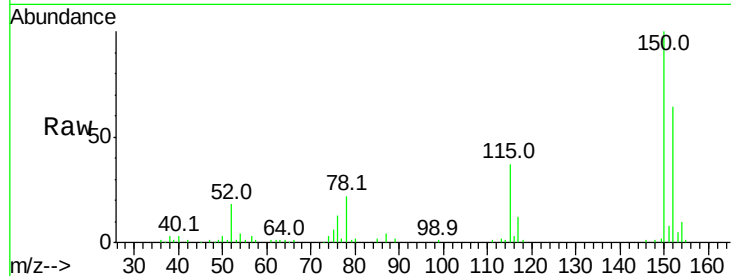


#1

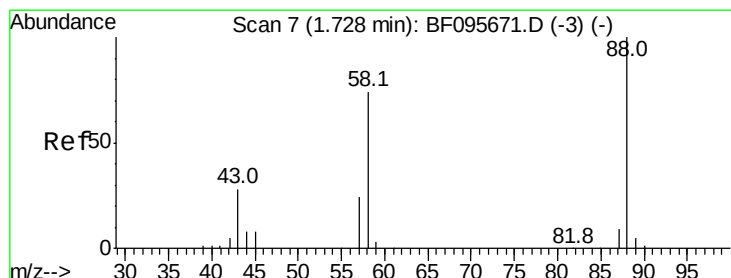
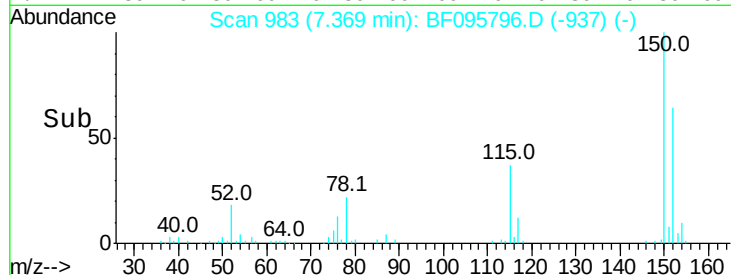
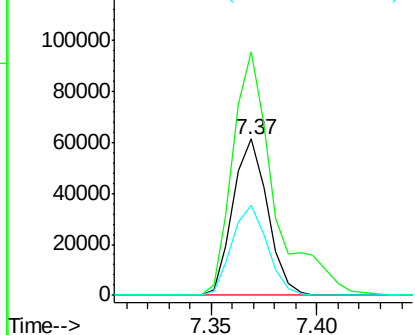
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 69738
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 57.6 52.2 78.2



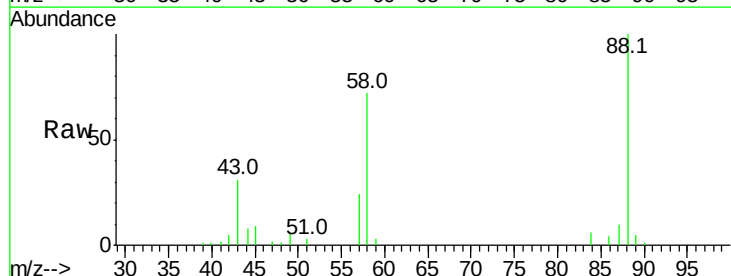
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



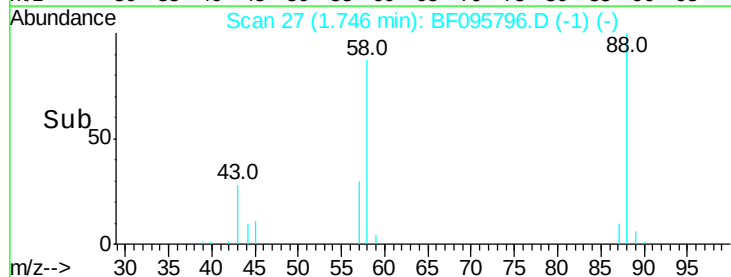
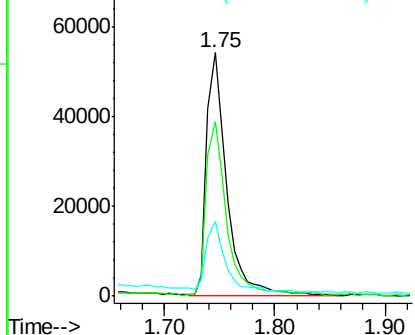
#2

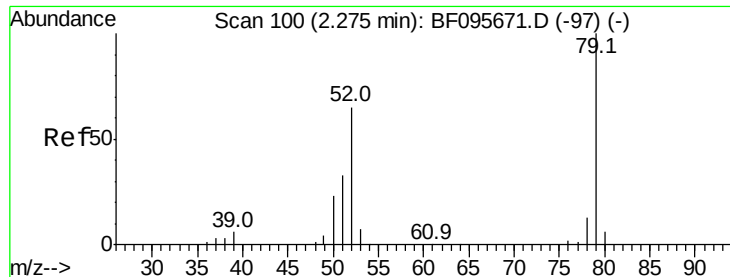
1,4-Dioxane
Concen: 32.69 ng
RT: 1.75 min Scan# 27
Delta R.T. 0.02 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Tgt Ion: 88 Resp: 68069
Ion Ratio Lower Upper
88 100
58 72.8 61.4 92.0
43 27.2 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

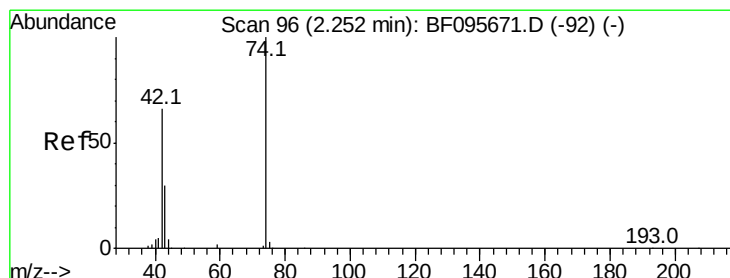
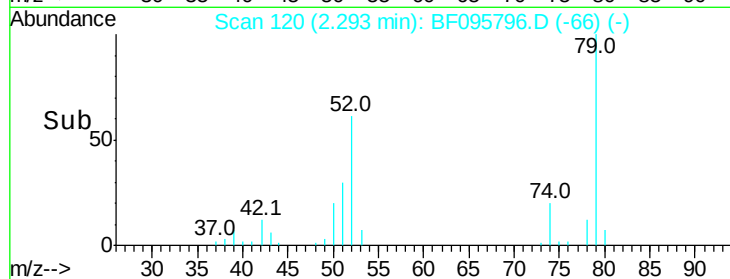
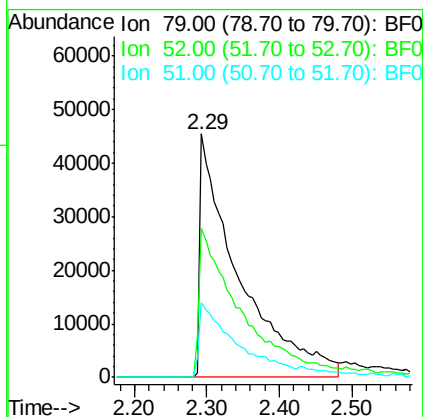
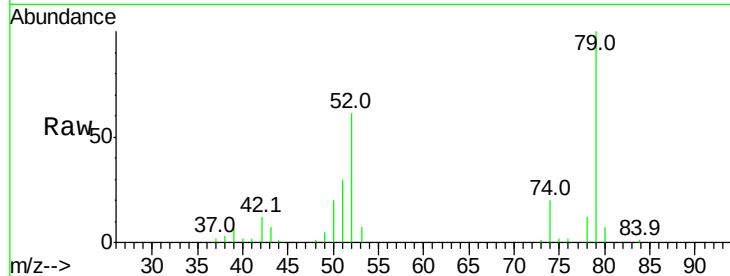




#3
 Pvridine
 Concen: 34.15 ng
 RT: 2.29 min Scan# 120
 Delta R.T. 0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

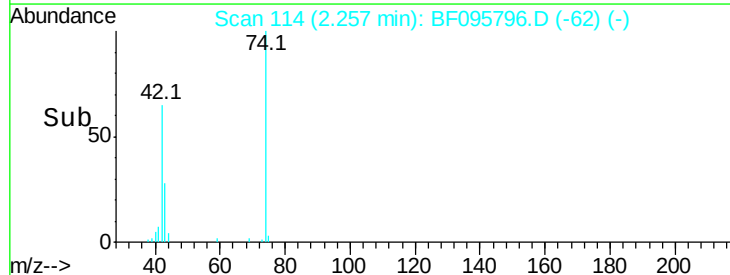
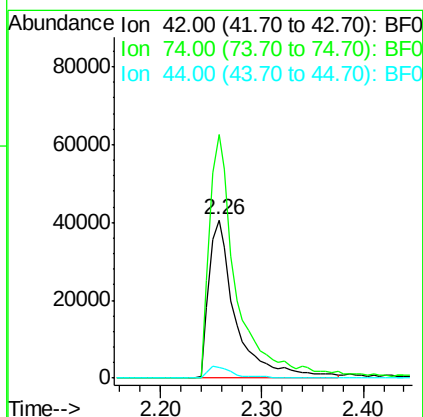
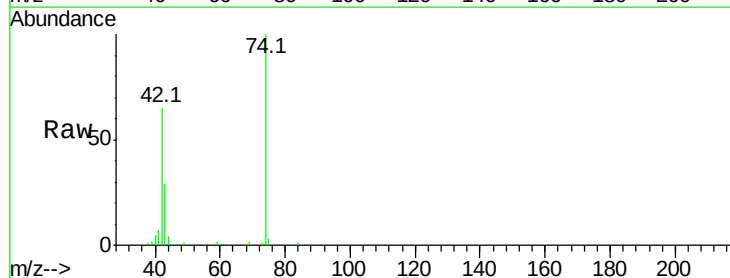
Instrument :
 BNA_F
 ClientSampleId :

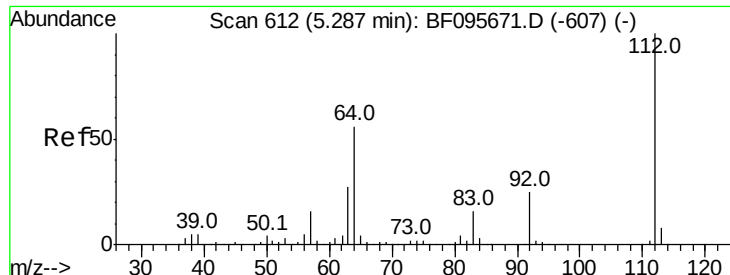
Tot Ion: 79 Resp: 167112
 Ion Ratio Lower Upper
 79 100
 52 61.2 54.8 82.2
 51 30.5 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 40.17 ng
 RT: 2.26 min Scan# 114
 Delta R.T. 0.01 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion: 42 Resp: 74725
 Ion Ratio Lower Upper
 42 100
 74 153.7 103.9 155.9
 44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 140.99 ng

RT: 5.27 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

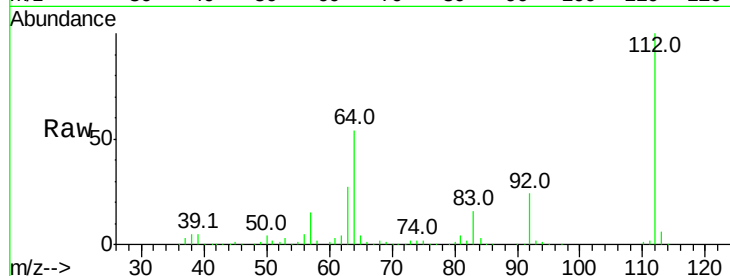
Tot Ion:112 Resp: 617045

Ion Ratio Lower Upper

112 100

64 53.7 46.0 69.0

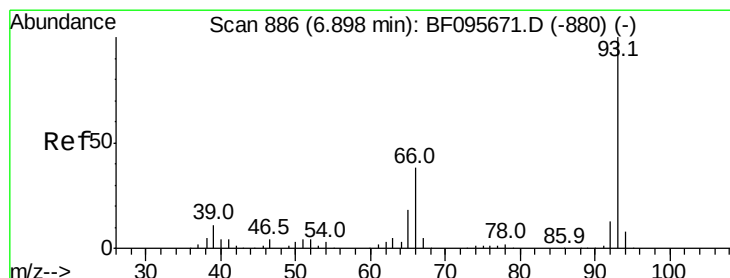
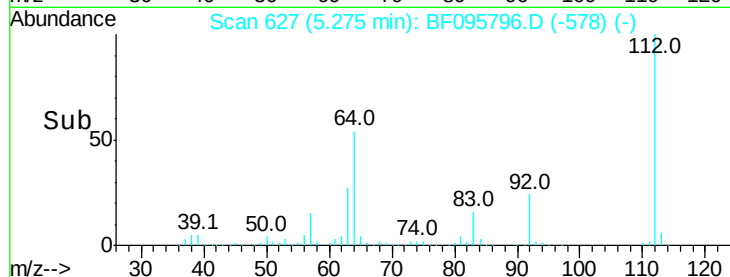
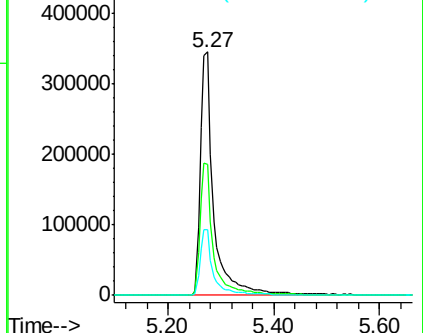
63 26.8 23.4 35.0



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: 33.52 ng

RT: 6.87 min Scan# 898

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

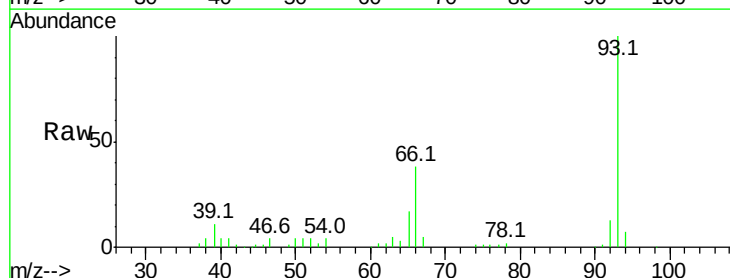
Tgt Ion: 93 Resp: 229771

Ion Ratio Lower Upper

93 100

66 37.8 32.9 49.3

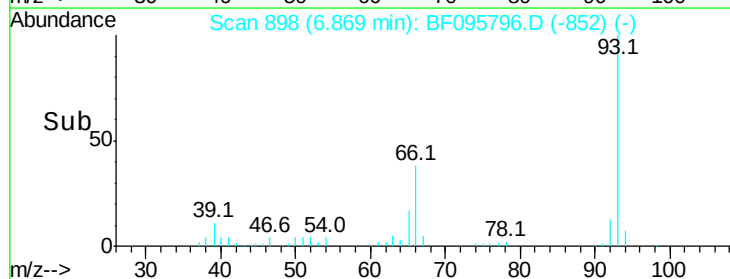
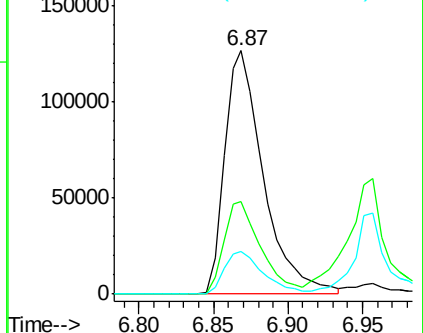
65 17.3 16.0 24.0

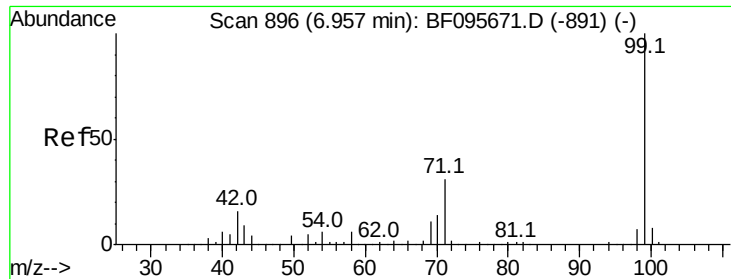


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.63 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

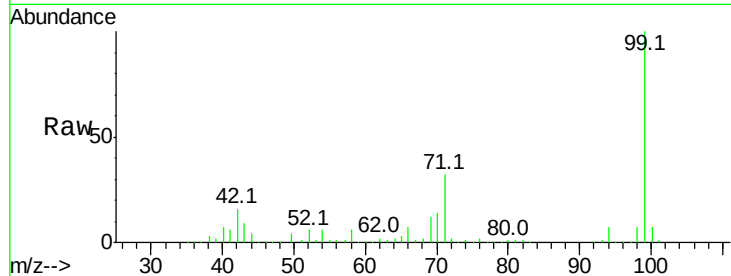
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 726349

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.5	24.5	36.7

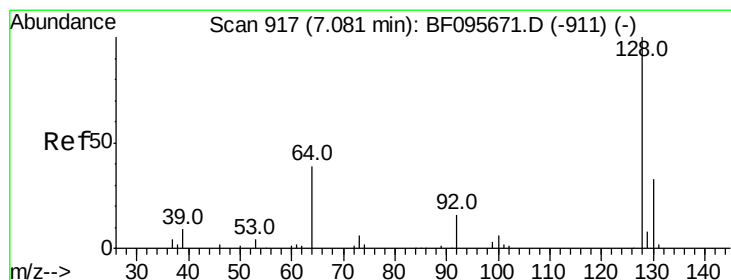
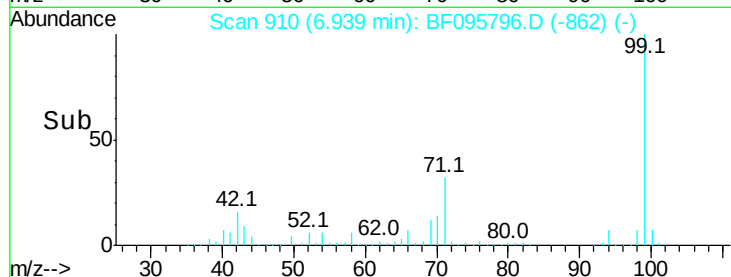
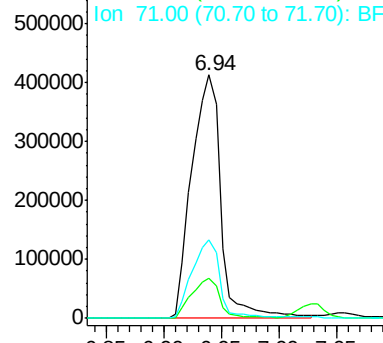


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.11 ng

RT: 7.05 min Scan# 929

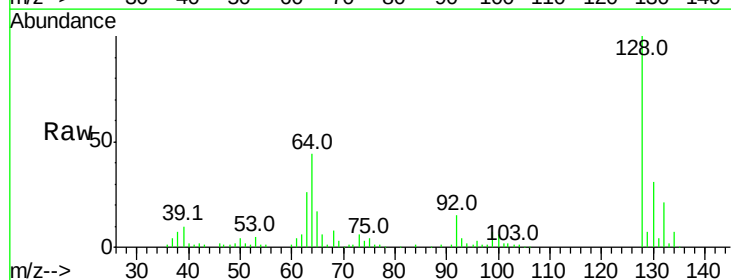
Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Tgt Ion: 128 Resp: 205275

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.9	52.9
64	44.2	28.4	68.4

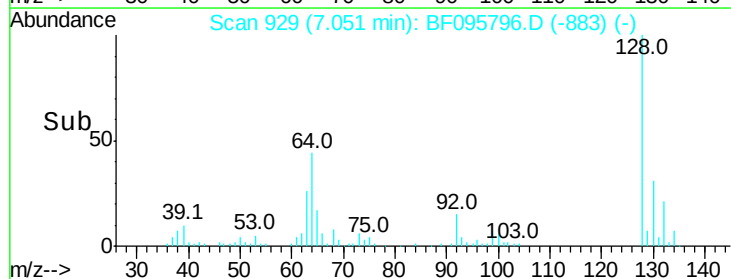
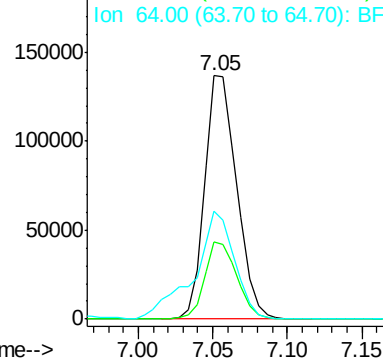


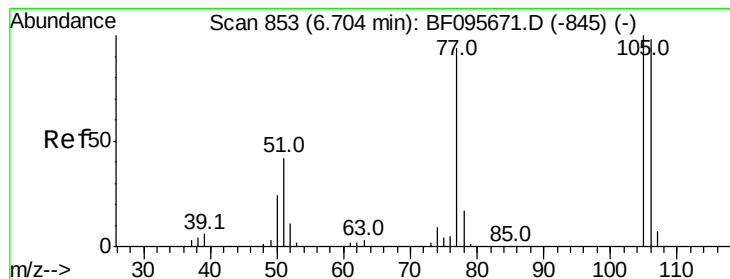
Abundance

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: 26.33 ng

RT: 6.67 min Scan# 865

Delta R.T. -0.03 min

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Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

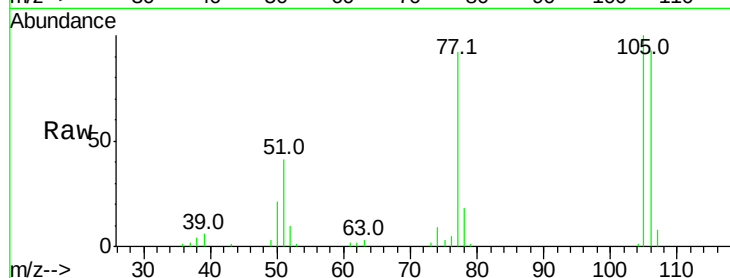
Tot Ion: 77 Resp: 93063

Ion Ratio Lower Upper

77 100

105 108.6 83.8 123.8

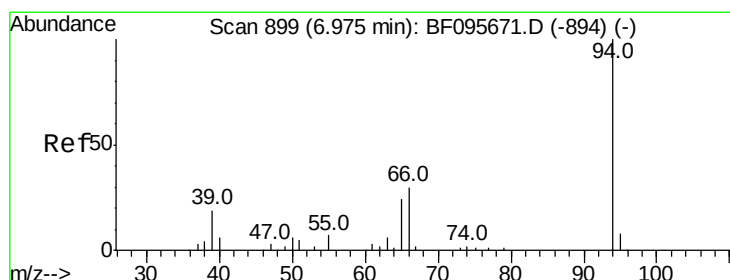
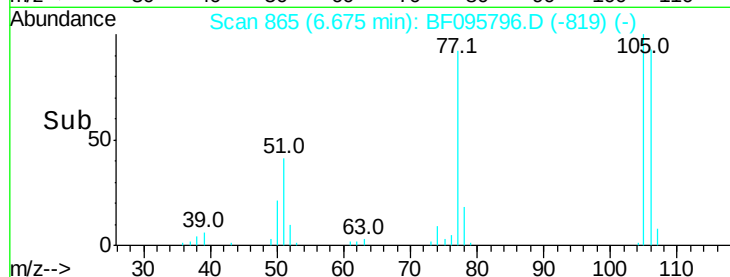
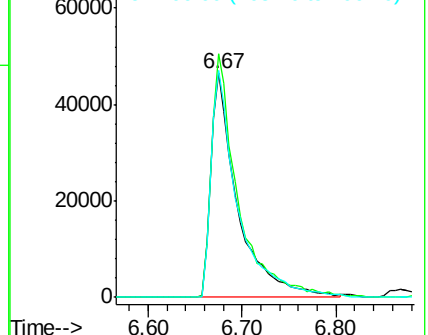
106 101.1 79.1 119.1



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: 47.70 ng

RT: 6.96 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

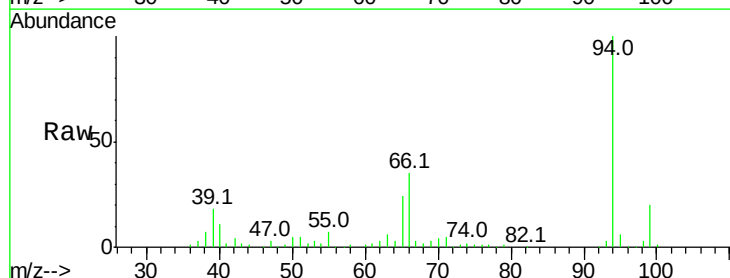
Tgt Ion: 94 Resp: 259236

Ion Ratio Lower Upper

94 100

65 24.4 9.9 49.9

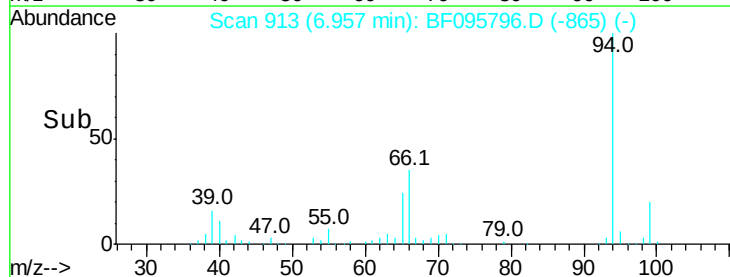
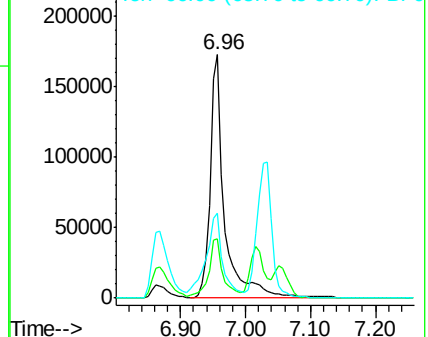
66 34.7 23.1 63.1

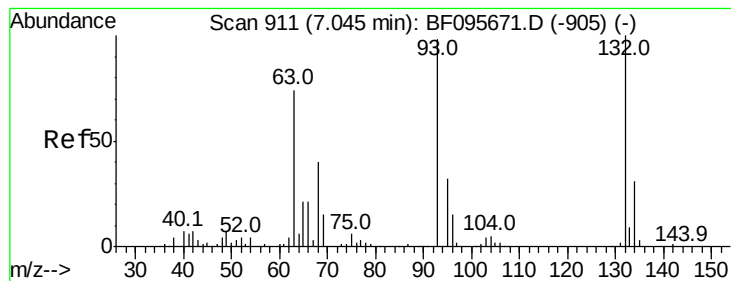


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.84 ng

RT: 7.02 min Scan# 923

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampled :

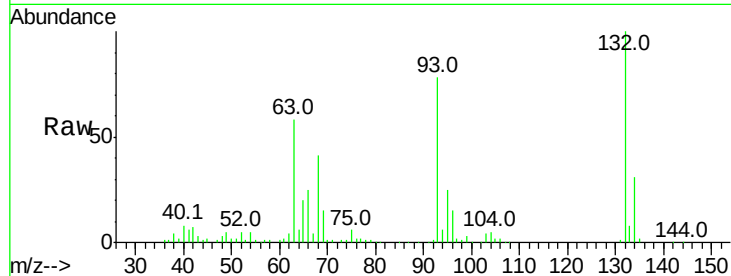
Tot Ion: 93 Resp: 180160

Ion Ratio Lower Upper

93 100

63 74.3 59.2 99.2

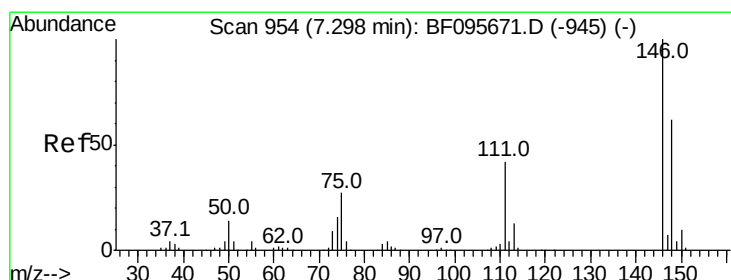
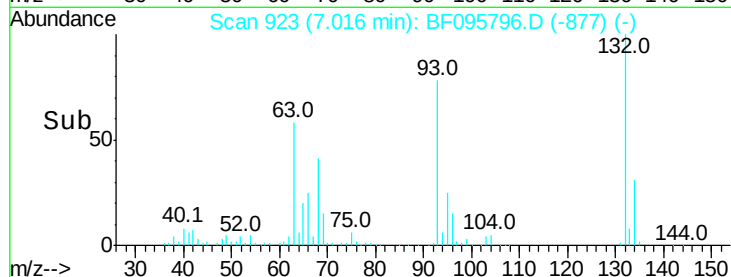
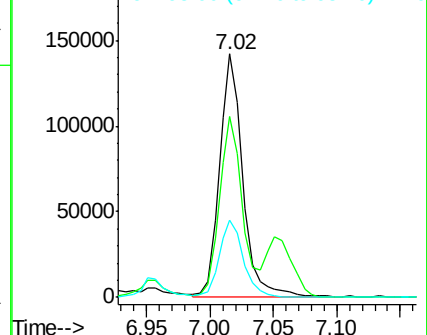
95 31.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.92 ng

RT: 7.27 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

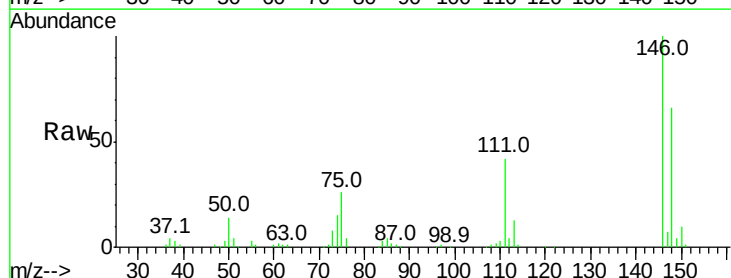
Tgt Ion: 146 Resp: 210257

Ion Ratio Lower Upper

146 100

148 66.0 51.8 77.6

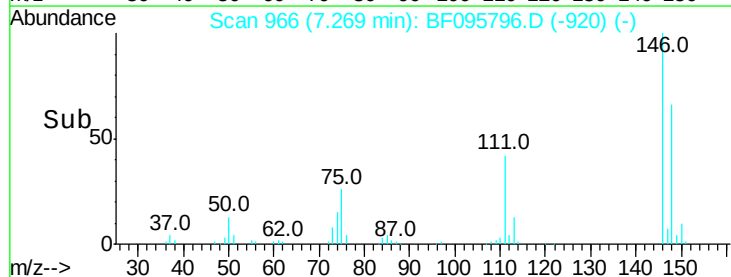
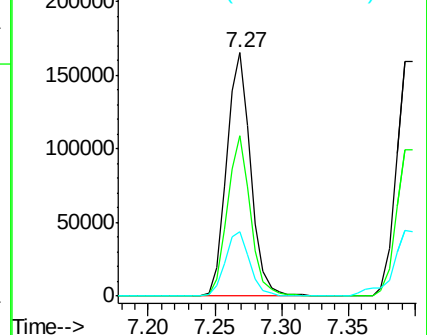
75 26.5 23.1 34.7

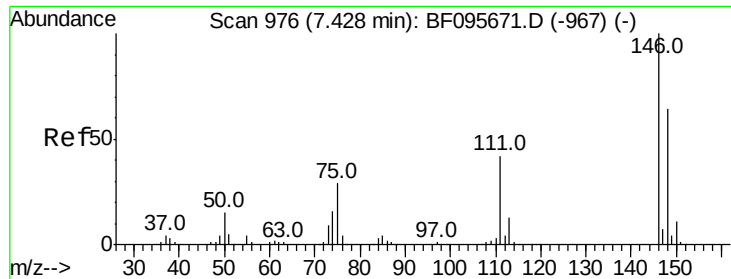


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

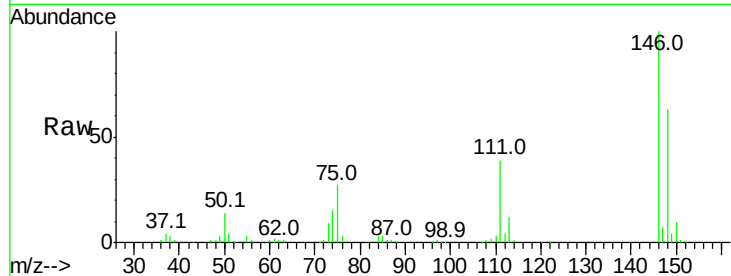




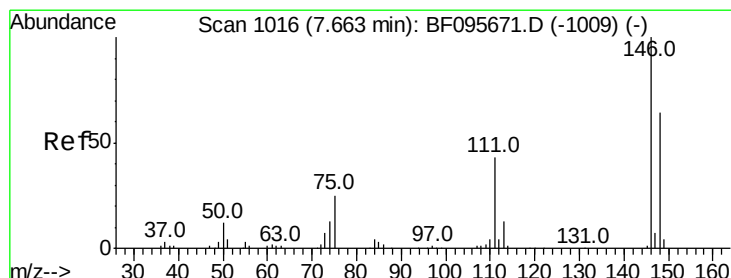
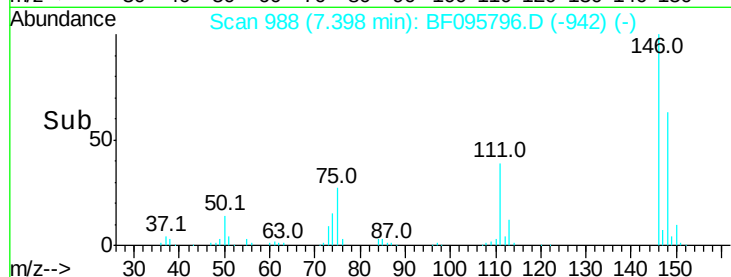
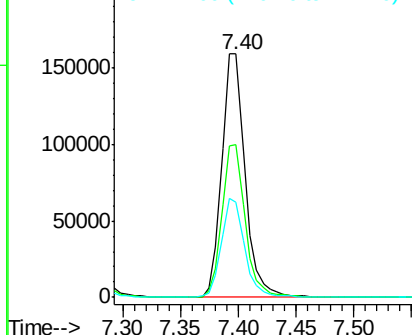
#13
 1,4-Dichlorobenzene
 Concen: 41.85 ng
 RT: 7.40 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 223563
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 39.1 30.3 45.5

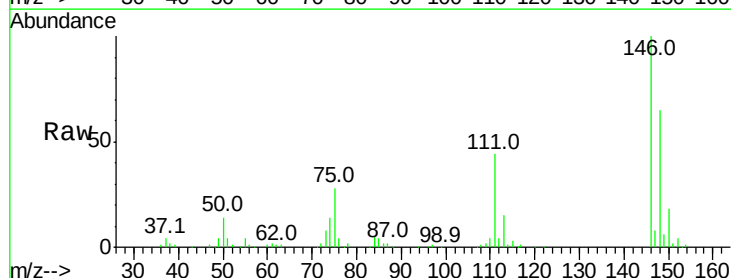


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

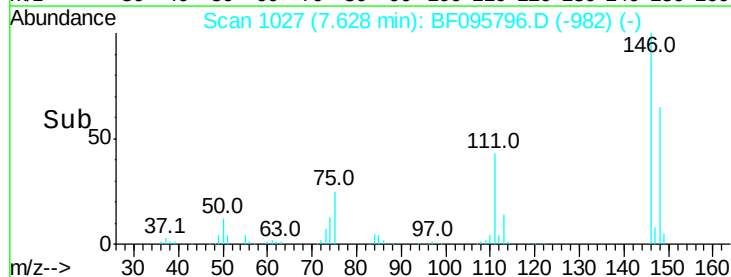
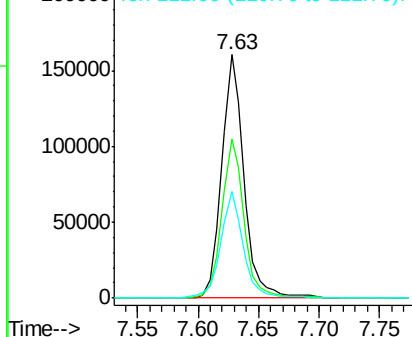


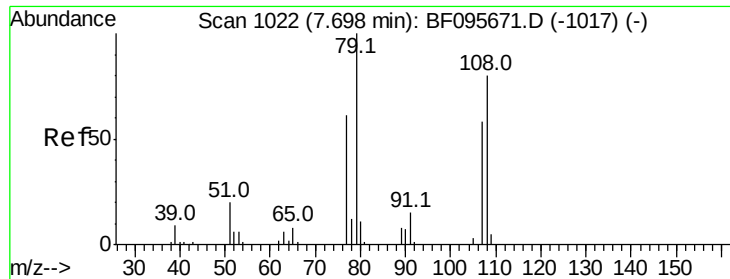
#14
 1,2-Dichlorobenzene
 Concen: 41.52 ng
 RT: 7.63 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion:146 Resp: 204430
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.4 75.6
 111 43.6 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

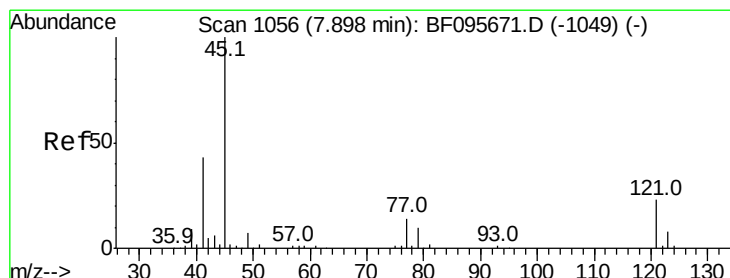
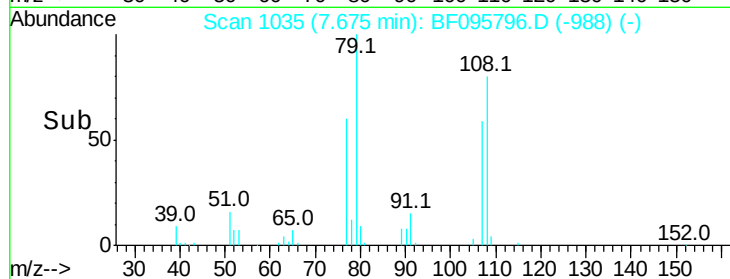
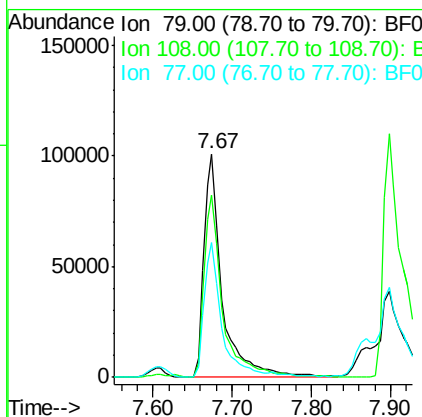
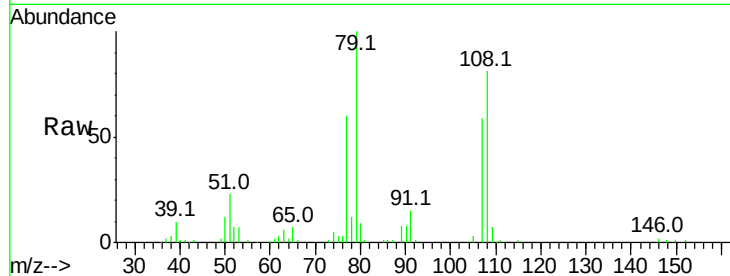




#15
Benzyl Alcohol
Concen: 45.48 ng
RT: 7.67 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

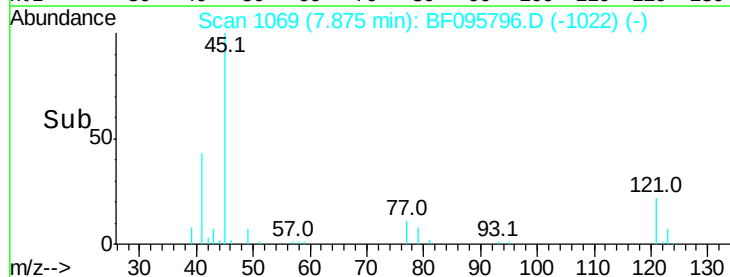
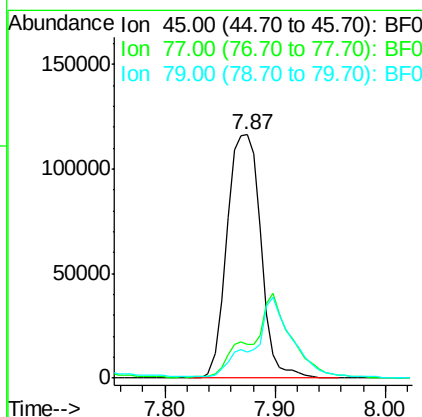
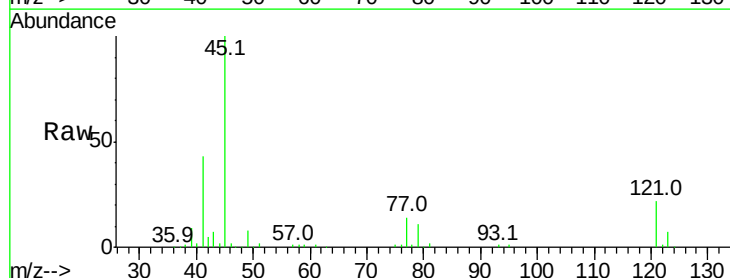
Instrument :
BNA_F
ClientSampled :

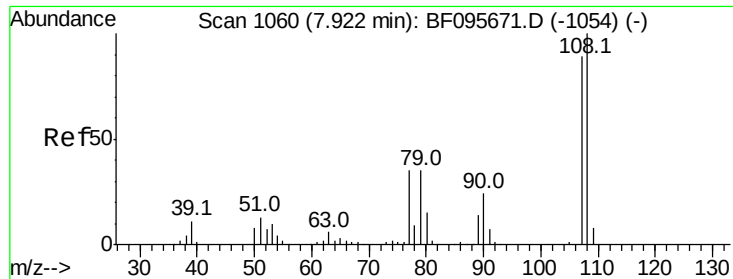
Tot Ion: 79 Resp: 163563
Ion Ratio Lower Upper
79 100
108 81.3 63.4 95.0
77 60.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.34 ng
RT: 7.87 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Tgt Ion: 45 Resp: 250094
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.2
79 10.9 0.0 30.0

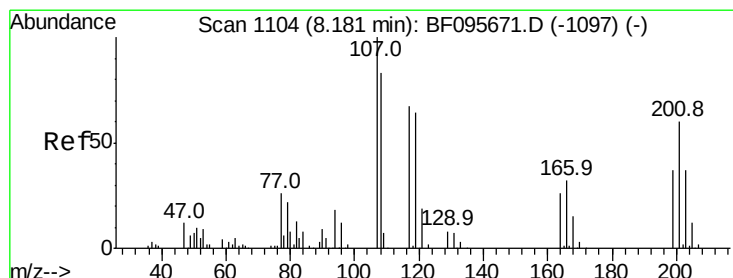
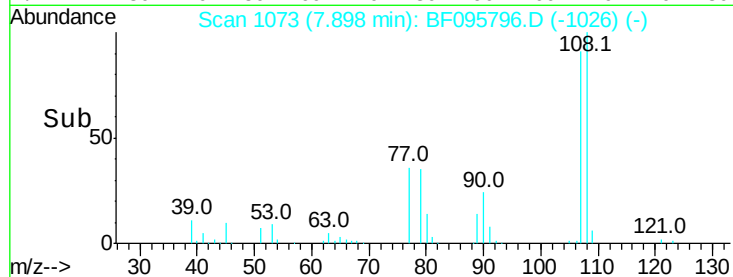
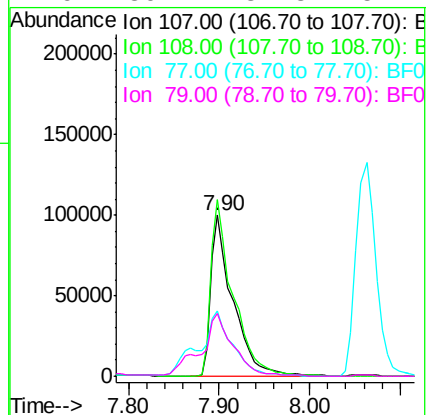
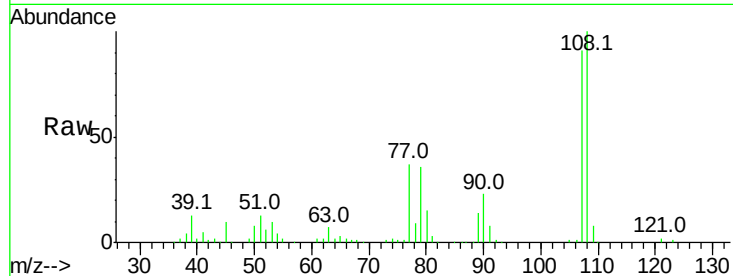




#17
2-Methylphenol
Concen: 43.85 ng
RT: 7.90 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

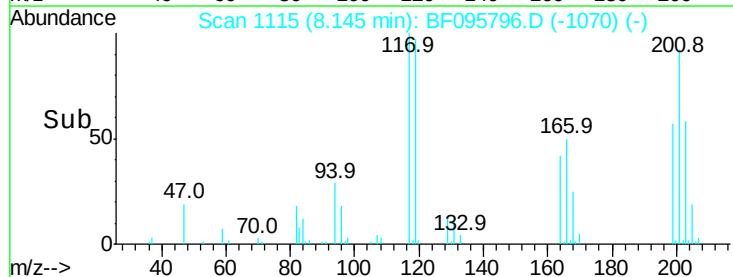
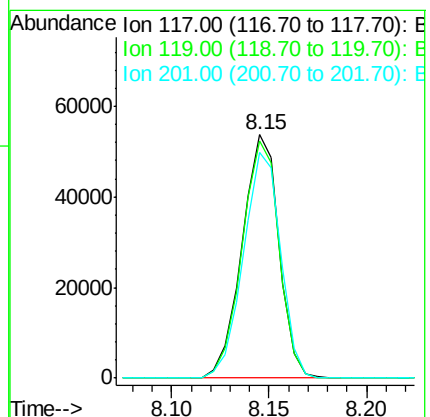
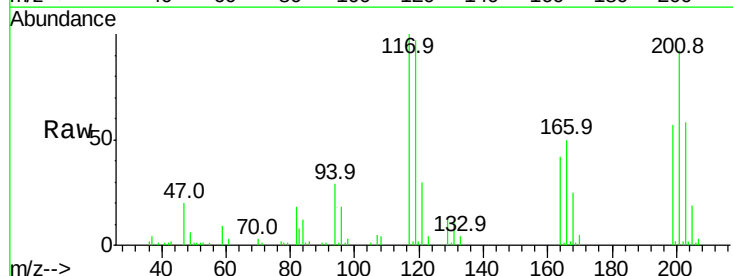
Instrument :
BNA_F
ClientSampleId :

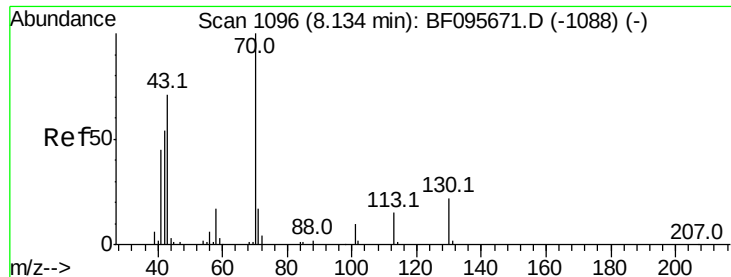
Tot Ion:107 Resp: 171244
Ion Ratio Lower Upper
107 100
108 110.0 93.4 140.0
77 40.7 35.8 53.6
79 39.1 34.8 52.2



#18
Hexachloroethane
Concen: 39.78 ng
RT: 8.15 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Tgt Ion:117 Resp: 70173
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
201 92.4 94.6 141.8#

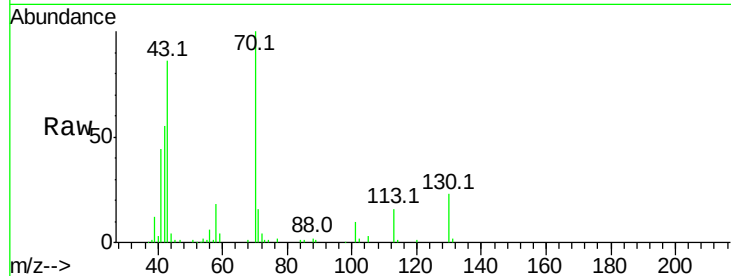




#19
 n-Nitroso-di-n-propylamine
 Concen: 41.96 ng
 RT: 8.10 min Scan# 1108
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.2	70.8
101	10.3	7.2	10.8
130	22.9	15.9	23.9



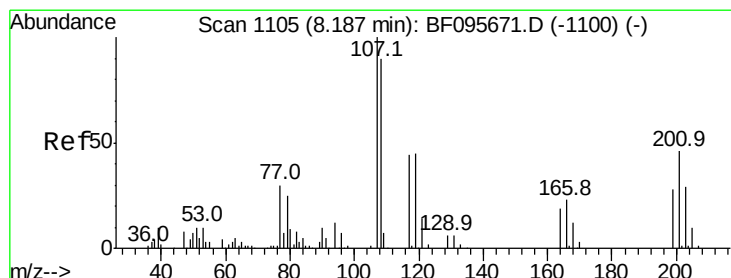
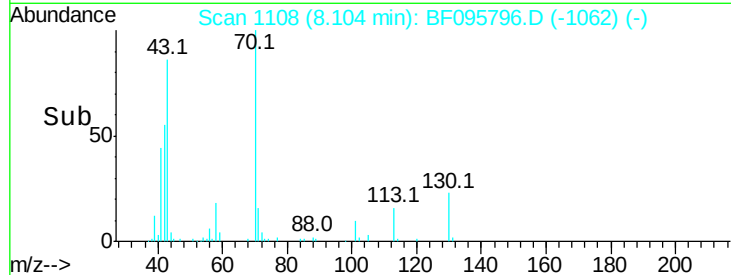
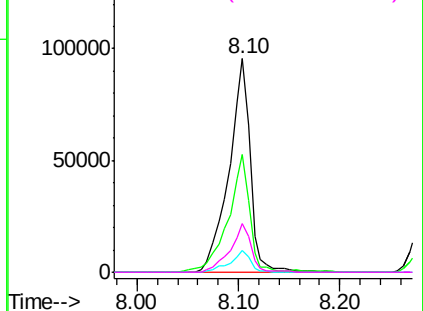
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
 3+4-Methylphenols
 Concen: 44.47 ng
 RT: 8.16 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.7	71.0	111.0
77	27.8	90.5	130.5#
79	20.8	8.4	48.4

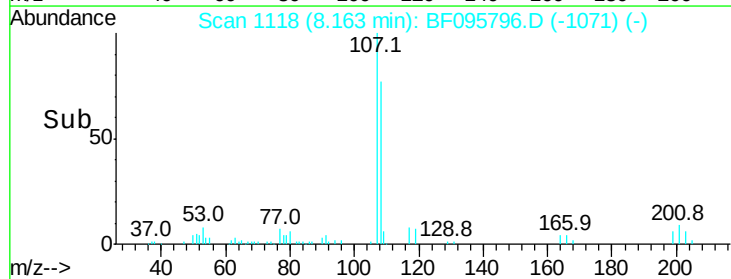
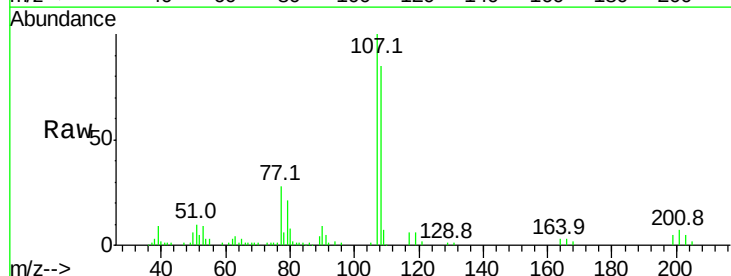
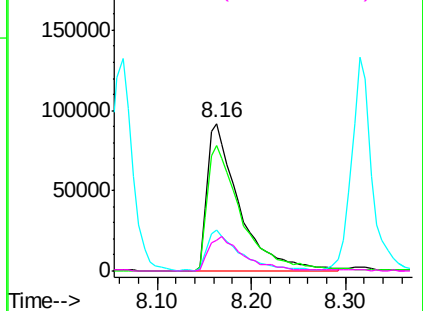
Abundance

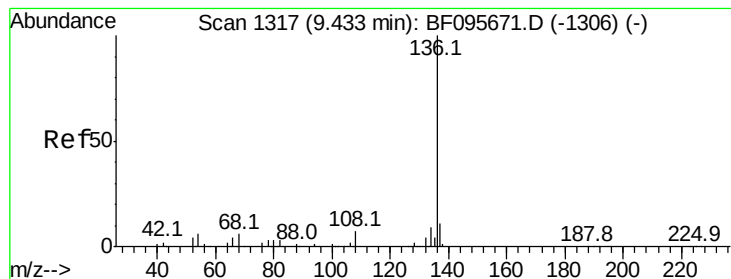
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

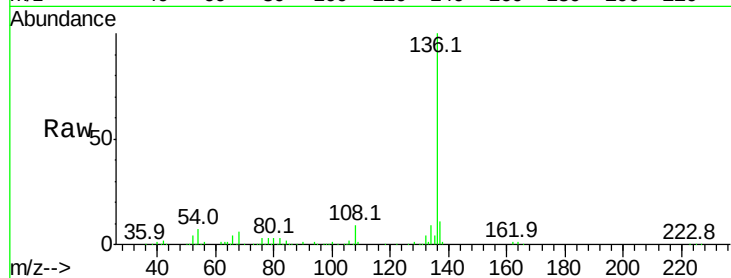
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 283431

Ion Ratio Lower Upper

136	100		
137	11.3	8.5	12.7
54	7.4	4.9	7.3#
68	5.8	4.1	6.1

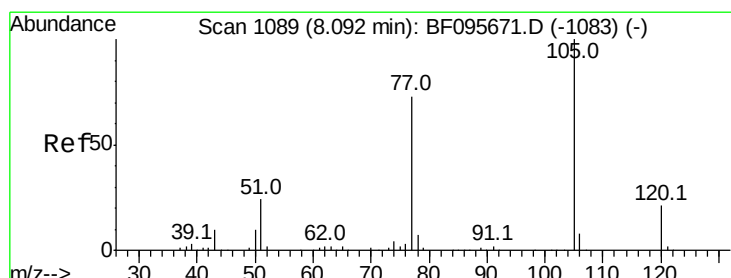
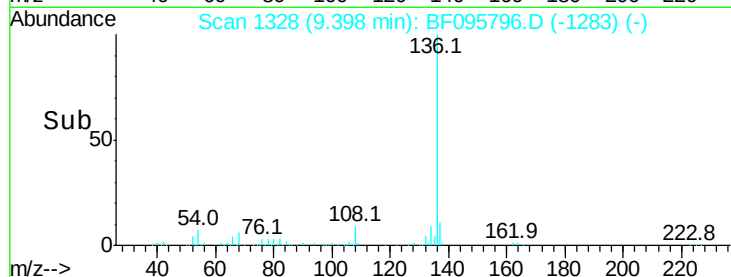
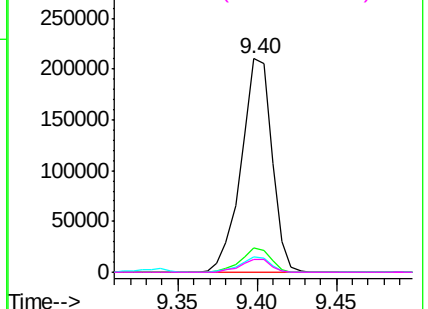


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.14 ng

RT: 8.06 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Tgt Ion:105 Resp: 279560

Ion Ratio Lower Upper

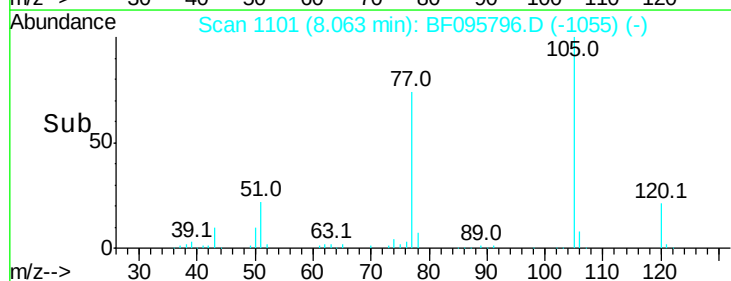
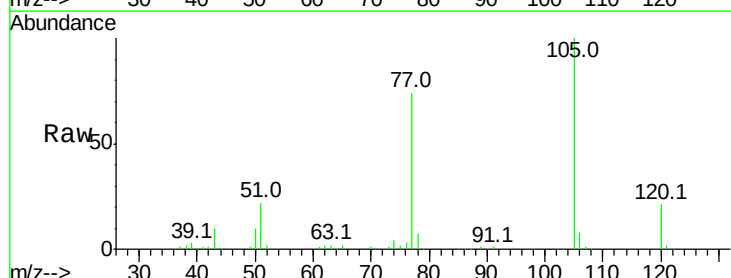
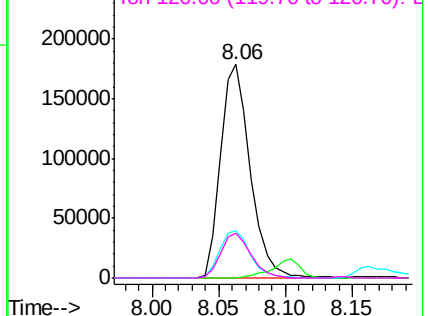
105	100		
71	0.0	2.8	4.2#
51	22.4	30.7	46.1#
120	21.2	17.4	26.0

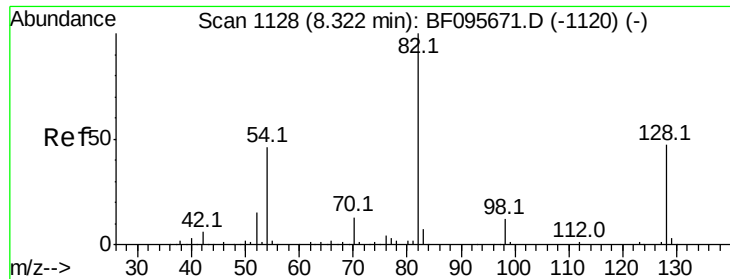
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

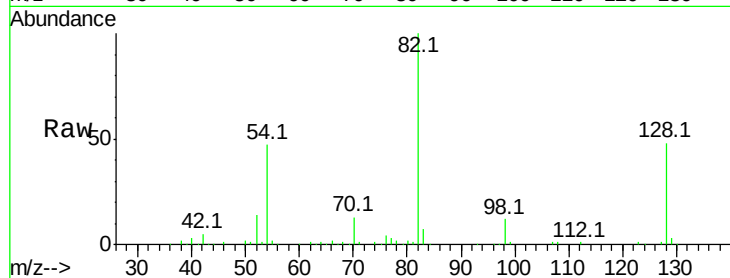




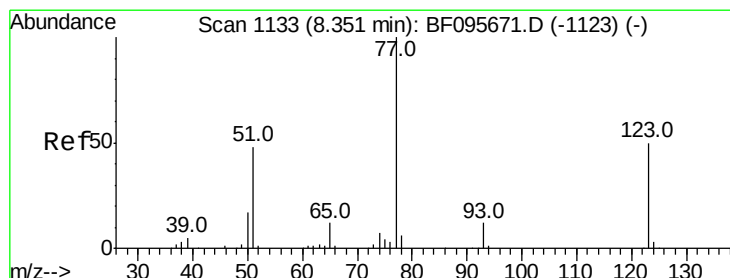
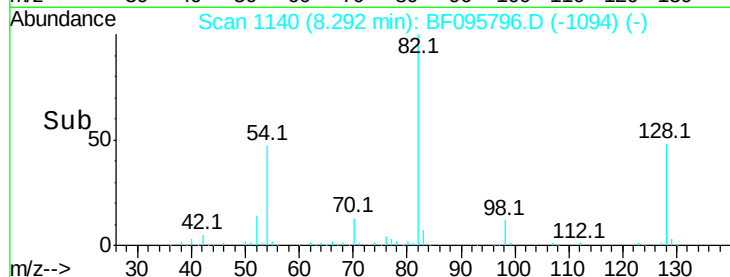
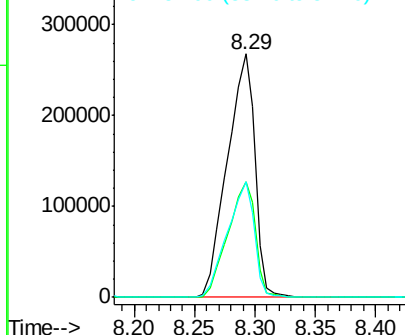
#23
Nitrobenzene-d5
Concen: 93.35 ng
RT: 8.29 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 426014
Ion Ratio Lower Upper
82 100
128 47.6 34.0 51.0
54 47.2 42.2 63.2

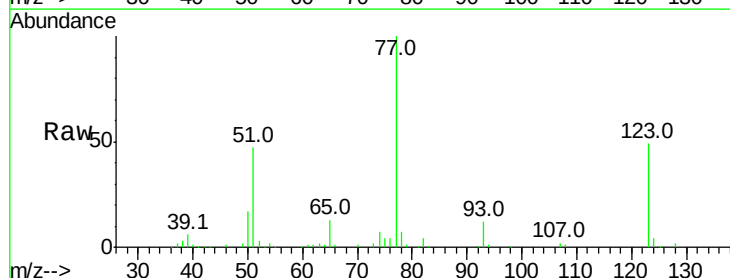


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

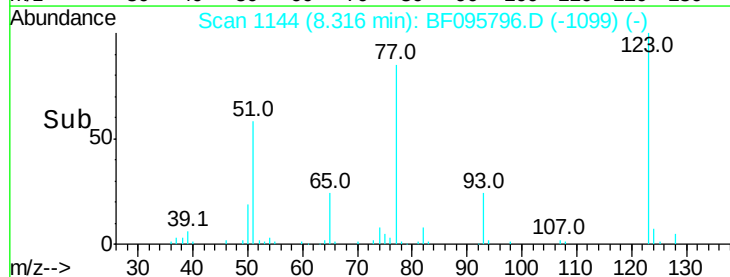
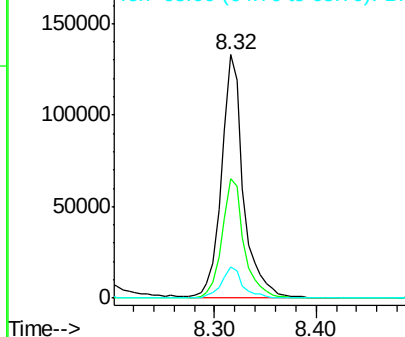


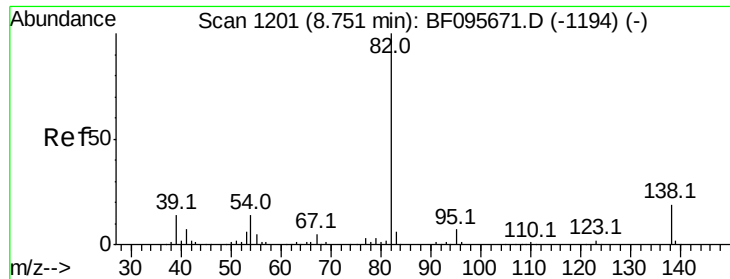
#24
Nitrobenzene
Concen: 40.88 ng
RT: 8.32 min Scan# 1144
Delta R.T. -0.04 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Tgt Ion: 77 Resp: 199274
Ion Ratio Lower Upper
77 100
123 49.0 35.8 53.8
65 12.9 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.30 ng

RT: 8.72 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

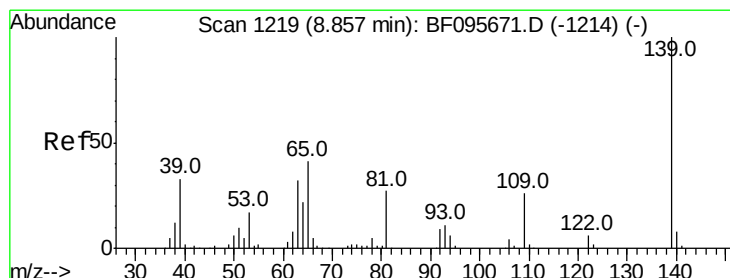
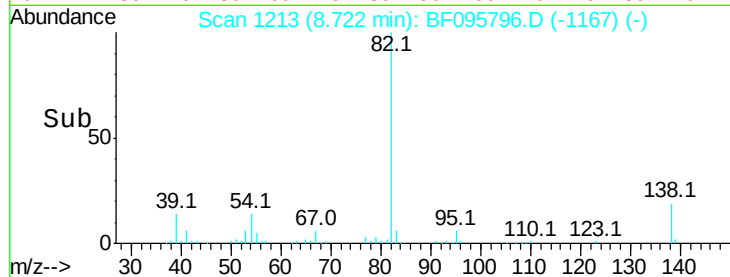
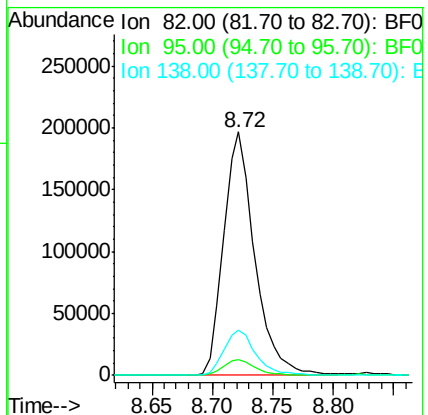
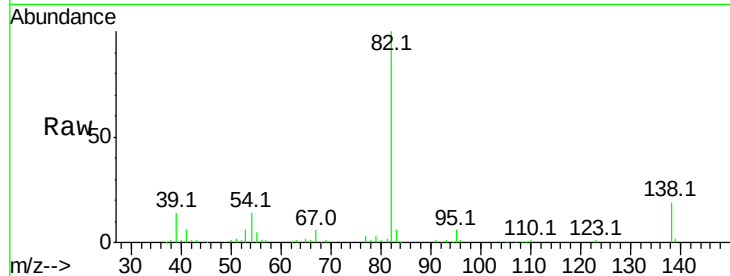
Tot Ion: 82 Resp: 351964

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 43.94 ng

RT: 8.83 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

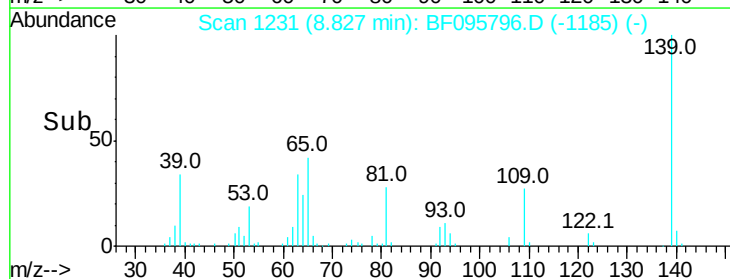
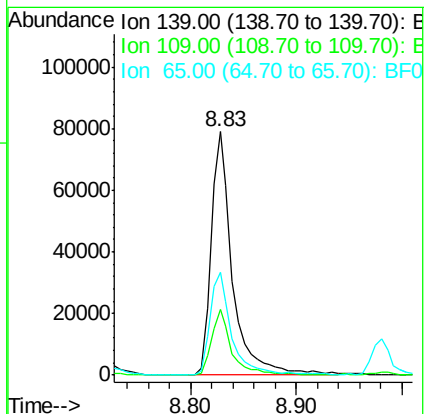
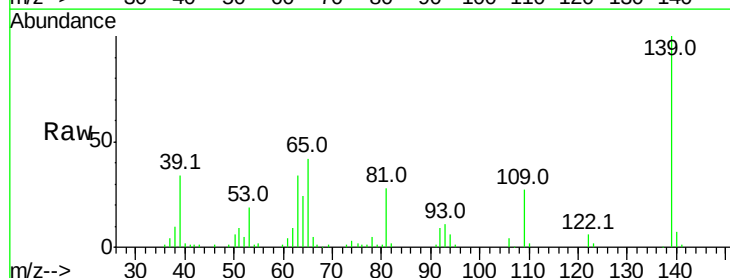
Tgt Ion: 139 Resp: 112178

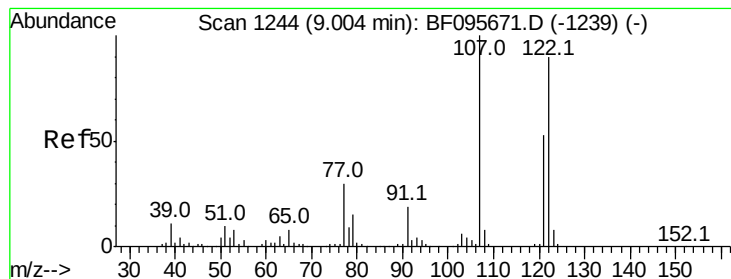
Ion Ratio Lower Upper

139 100

109 27.0 21.0 31.6

65 42.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 45.61 ng

RT: 8.98 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampled :

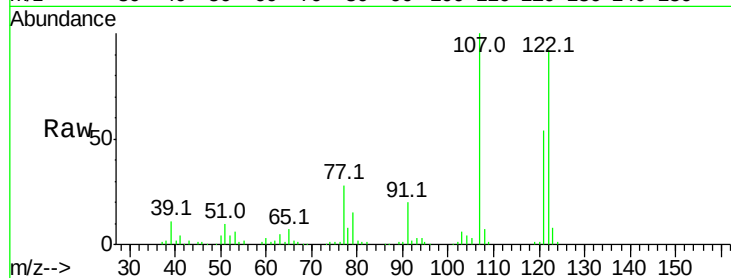
Tot Ion:122 Resp: 180710

Ion Ratio Lower Upper

122 100

107 109.0 89.2 133.8

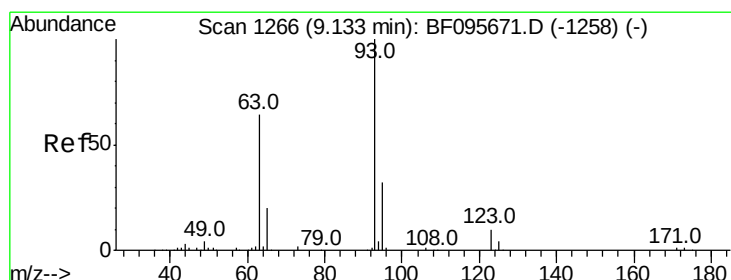
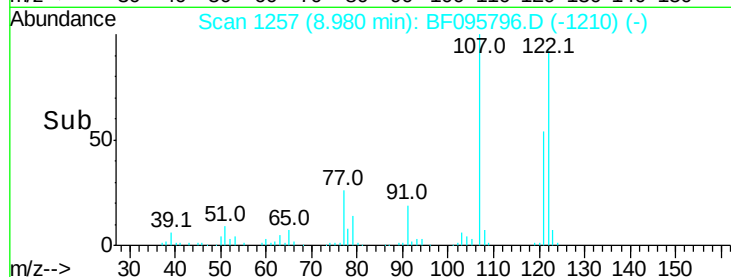
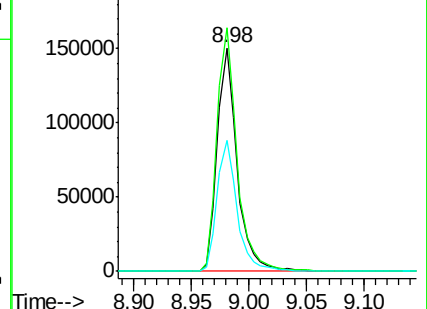
121 58.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.43 ng

RT: 9.10 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

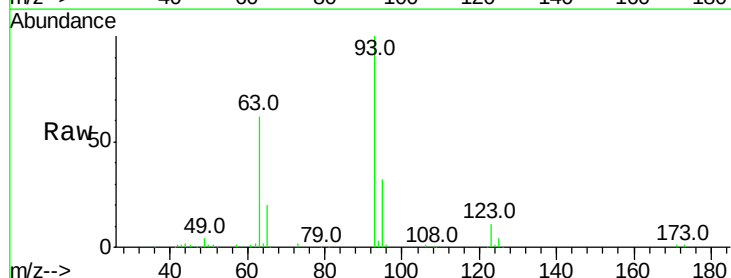
Tgt Ion: 93 Resp: 232721

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

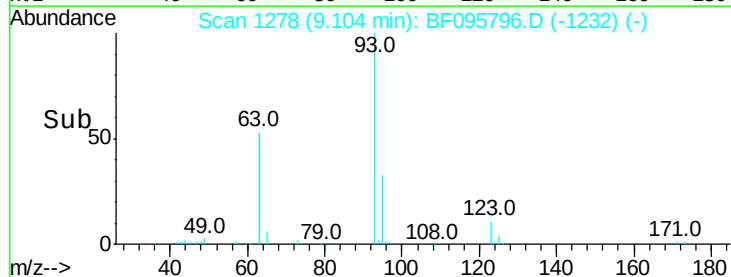
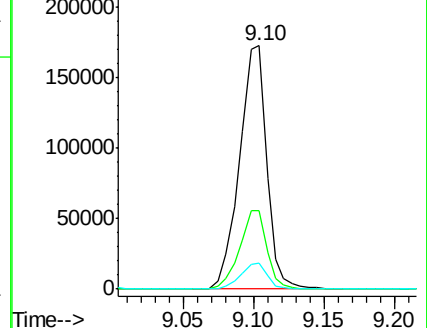
123 10.9 9.0 13.4

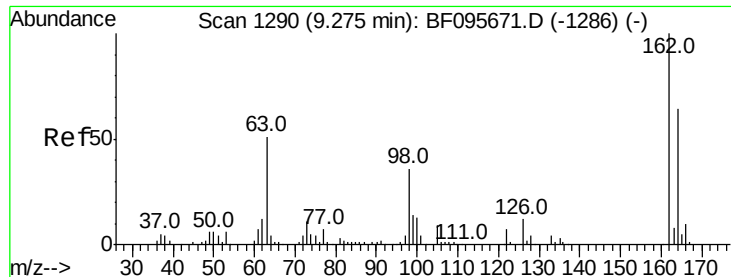


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

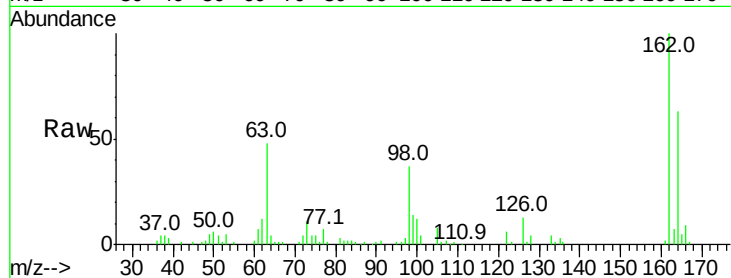




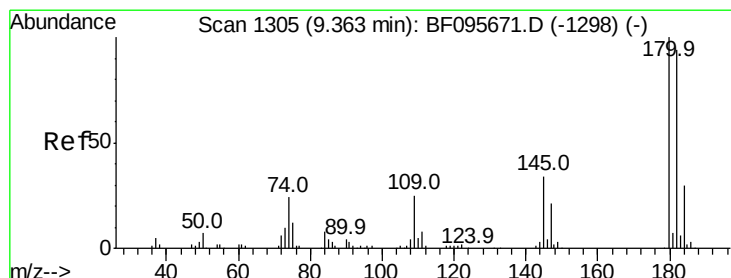
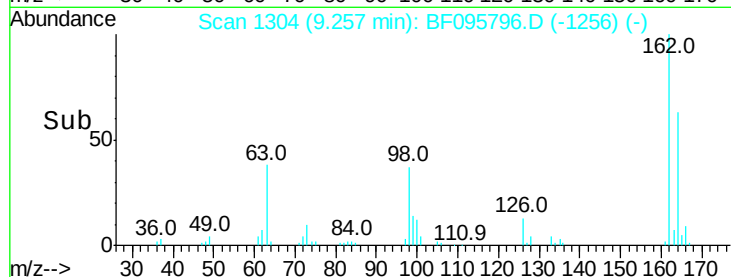
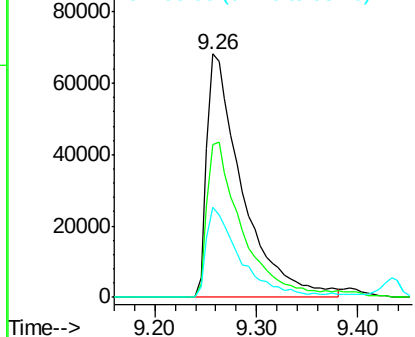
#29
 2,4-Dichlorophenol
 Concen: 43.53 ng
 RT: 9.26 min Scan# 1304
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	36.8	14.8	54.8

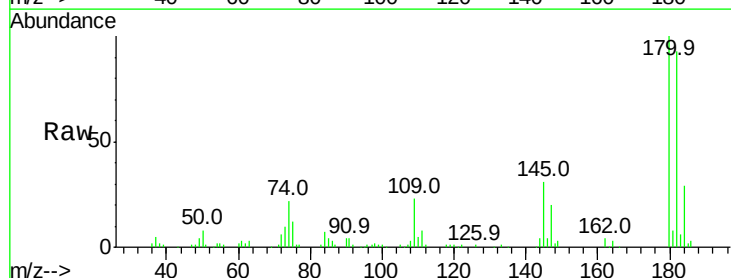


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

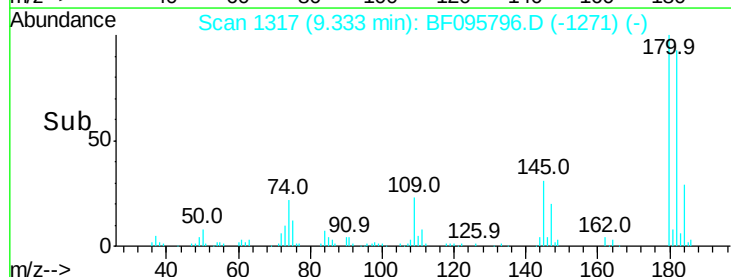
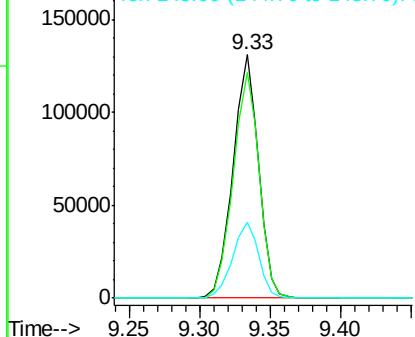


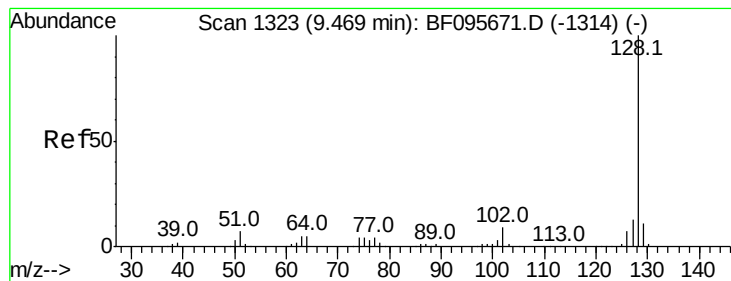
#30
 1,2,4-Trichlorobenzene
 Concen: 41.26 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.8	113.6
145	30.9	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.85 ng

RT: 9.43 min Scan# 1334

Delta R.T. -0.04 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampled :

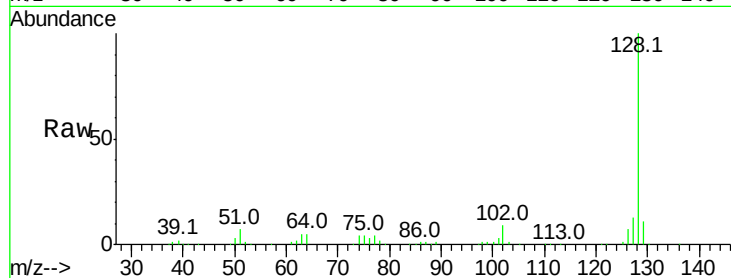
Tot Ion:128 Resp: 581135

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

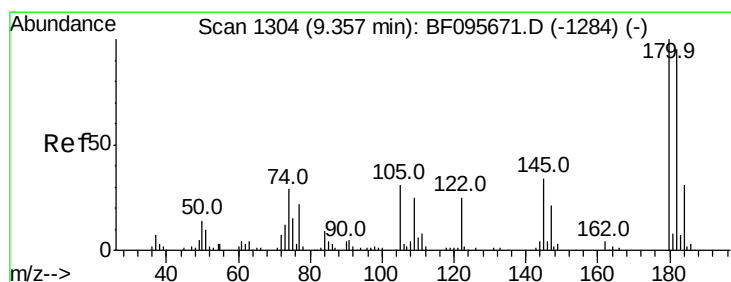
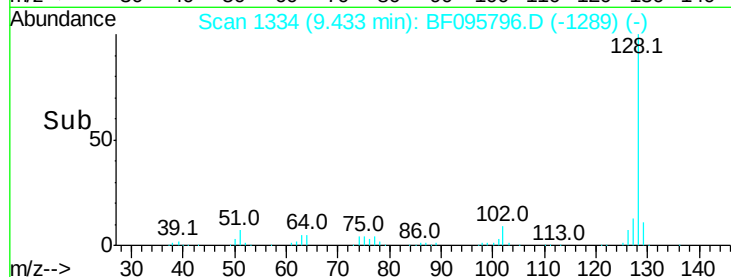
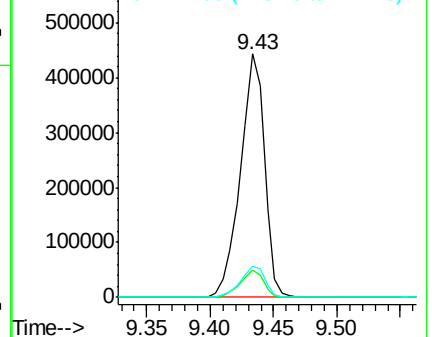
127 12.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.26 ng

RT: 9.28 min Scan# 1308

Delta R.T. -0.08 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

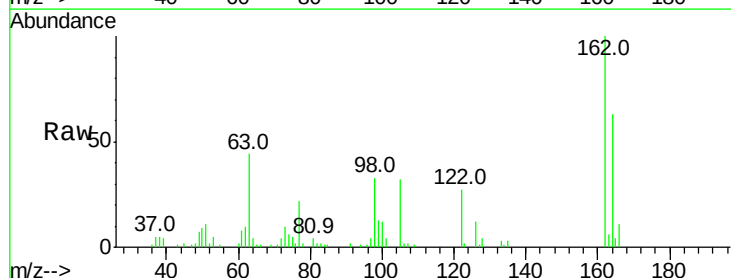
Tgt Ion:122 Resp: 19806

Ion Ratio Lower Upper

122 100

105 118.7 103.3 143.3

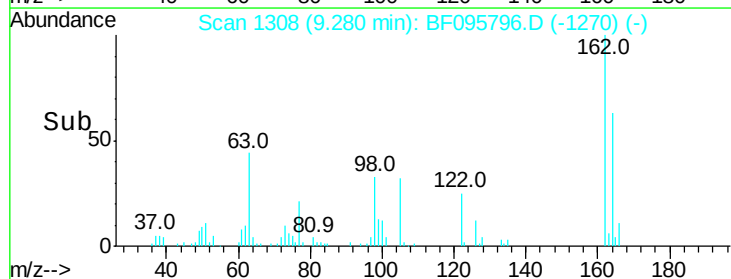
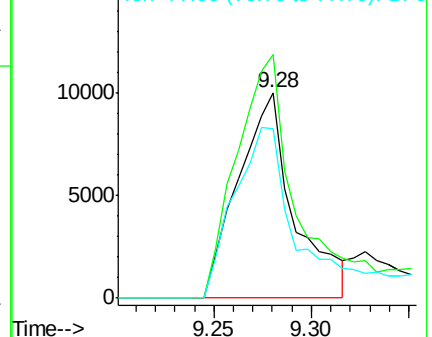
77 82.8 73.7 113.7

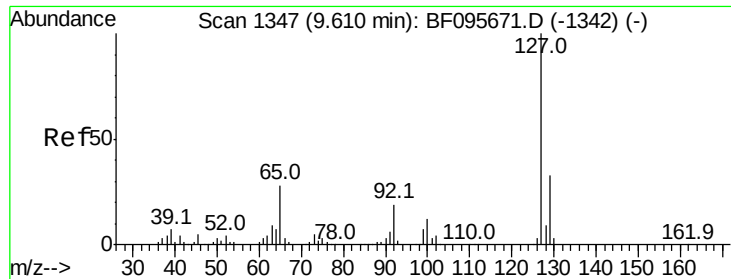


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

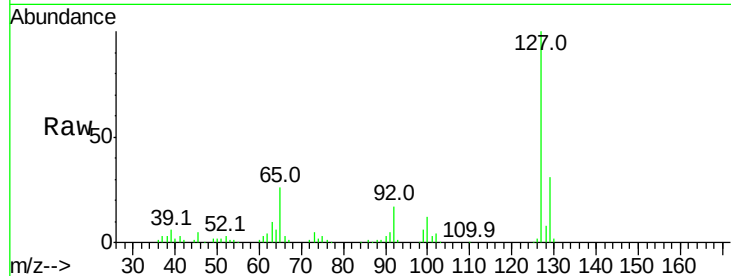




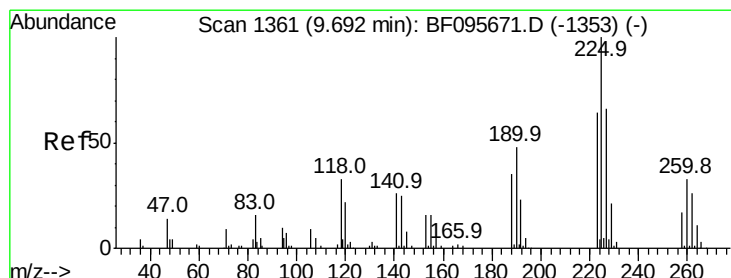
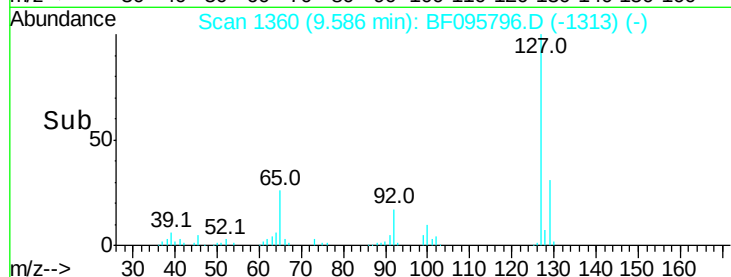
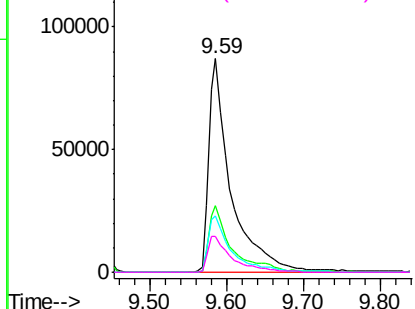
#33
 4-Chloroaniline
 Concen: 31.22 ng
 RT: 9.59 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	173569
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	26.3	27.8	41.8#
92	17.0	16.8	25.2

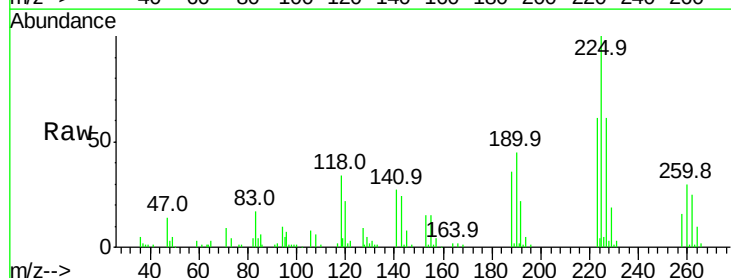


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

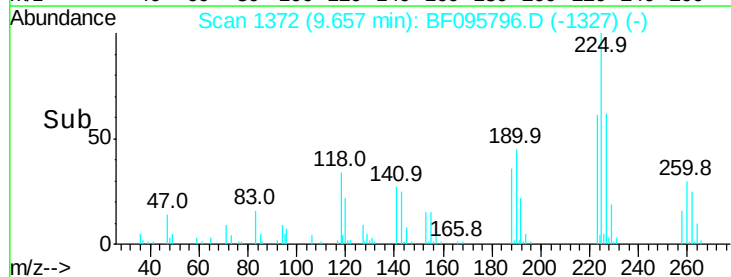
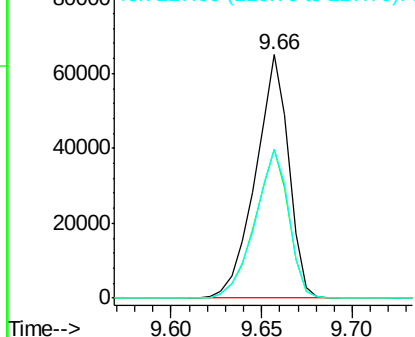


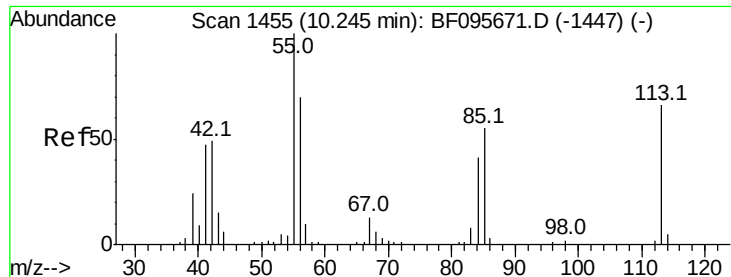
#34
 Hexachlorobutadiene
 Concen: 40.09 ng
 RT: 9.66 min Scan# 1372
 Delta R.T. -0.04 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion:	225	Resp:	82248
Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.8	73.2
227	61.3	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: 26.45 ng

RT: 10.21 min Scan# 1466

Delta R.T. -0.04 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

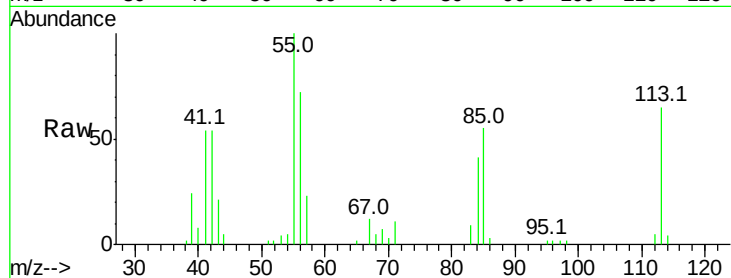
Tot Ion:113 Resp: 30032

Ion Ratio Lower Upper

113 100

55 153.4 150.2 190.2

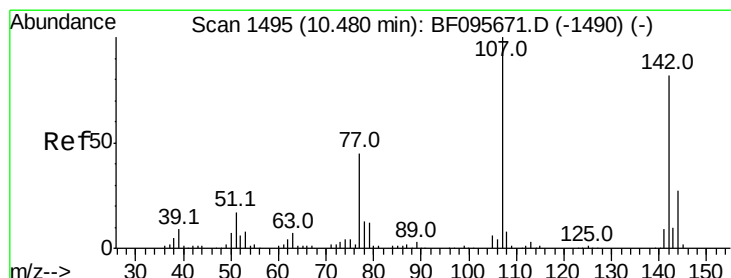
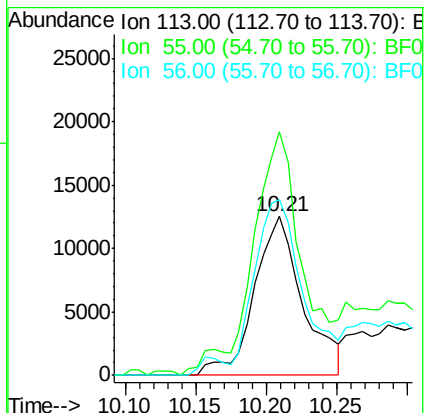
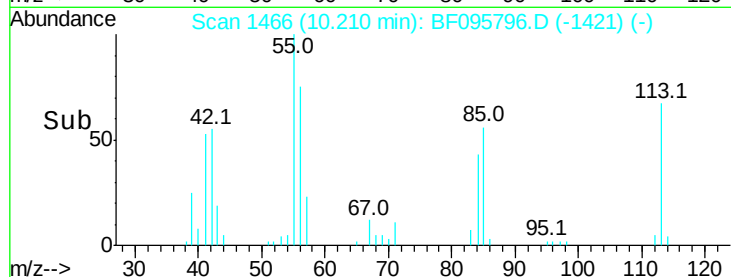
56 111.1 107.8 147.8



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: 43.46 ng

RT: 10.46 min Scan# 1509

Delta R.T. -0.02 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

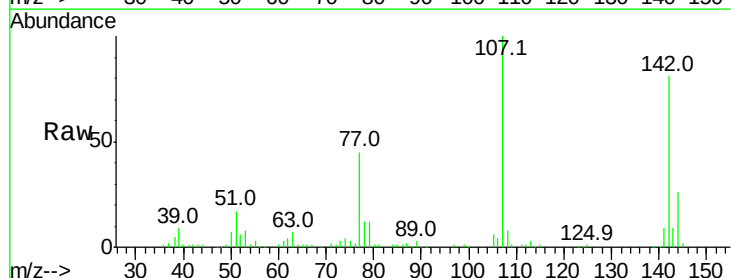
Tgt Ion:107 Resp: 173568

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

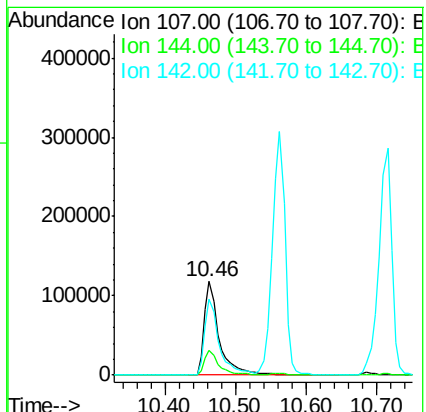
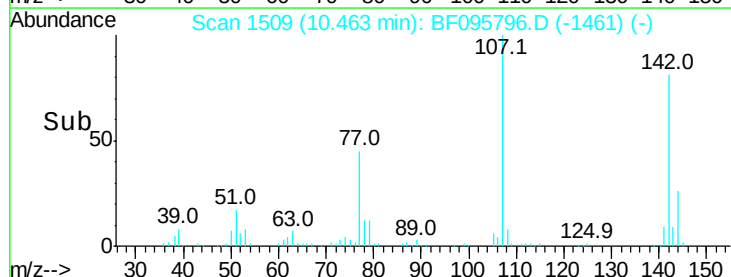
142 80.9 73.4 110.0

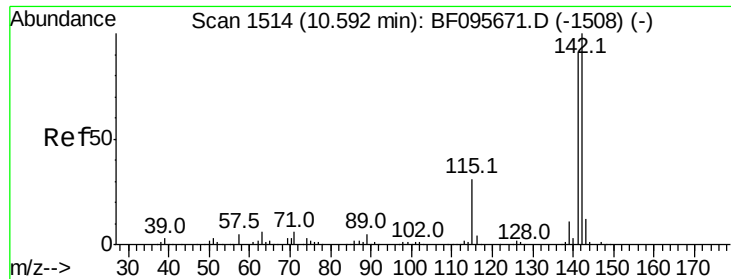


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

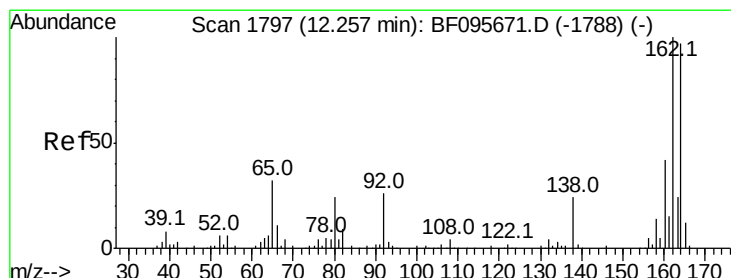
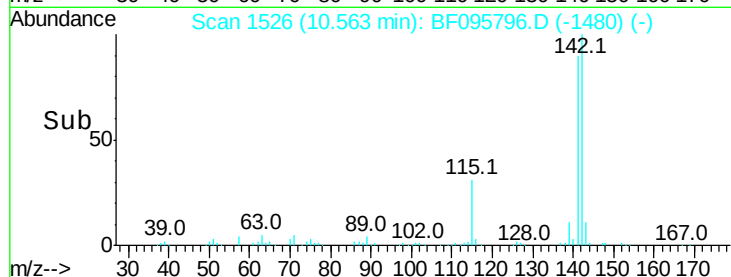
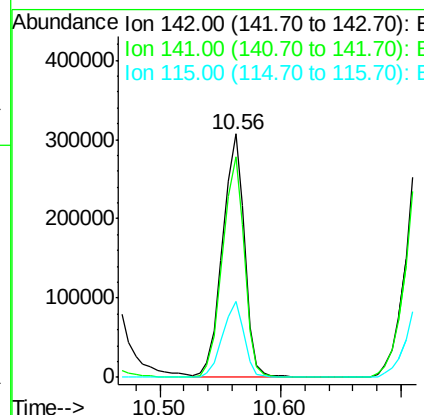
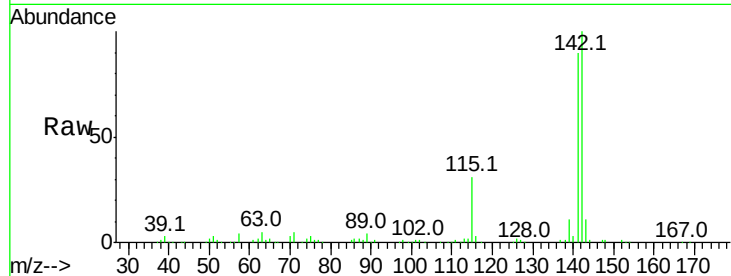




#37
2-Methylnaphthalene
Concen: 40.21 ng
RT: 10.56 min Scan# 1526
Delta R.T. -0.03 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

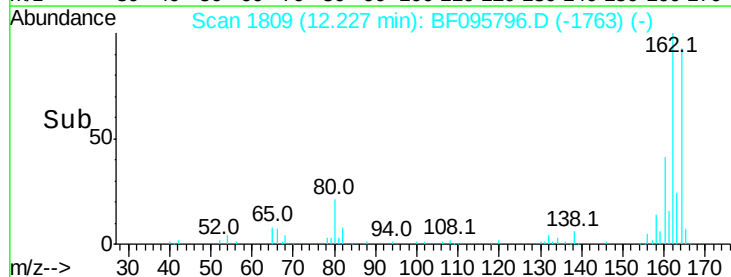
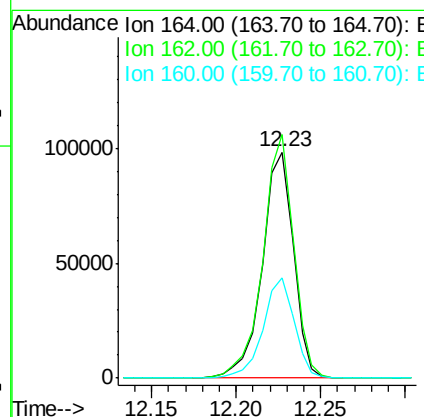
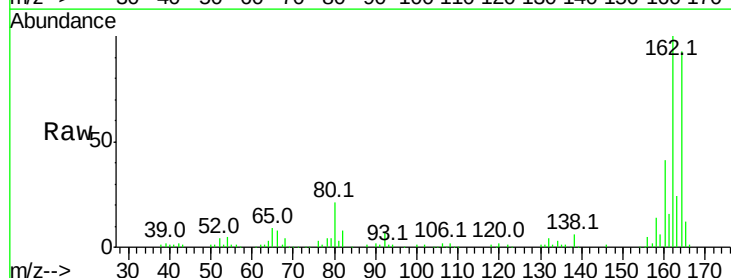
Instrument :
BNA_F
ClientSampleId :

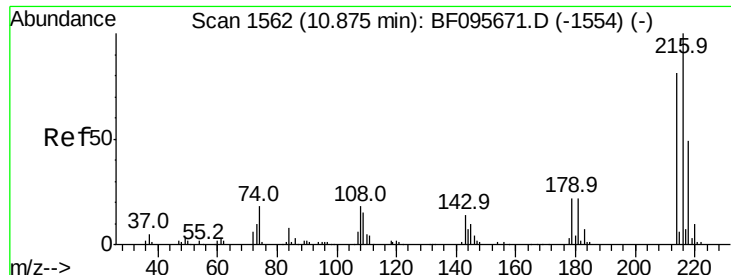
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.3	106.9
115	31.2	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1809
Delta R.T. -0.03 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.6	123.8
160	44.3	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.38 ng

RT: 10.84 min Scan# 1574

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 149371

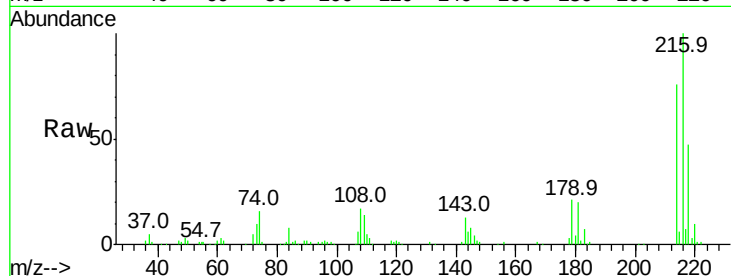
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 22.0 17.9 26.9

108 18.8 16.5 24.7

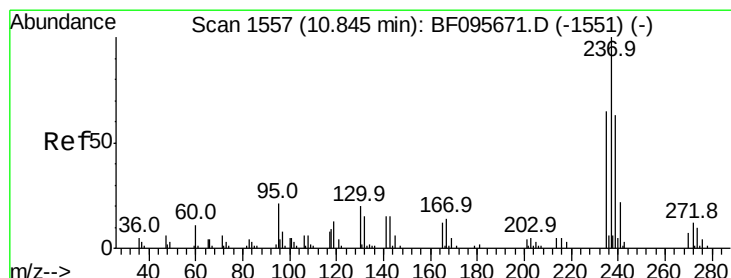
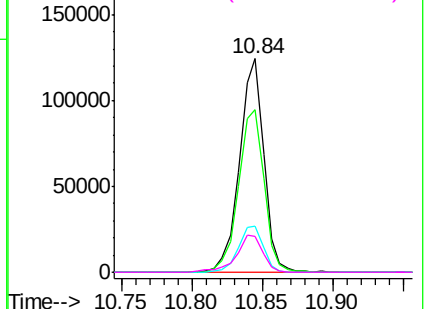
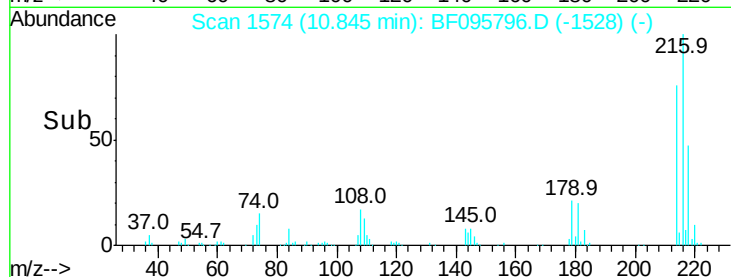


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.22 ng

RT: 10.82 min Scan# 1569

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

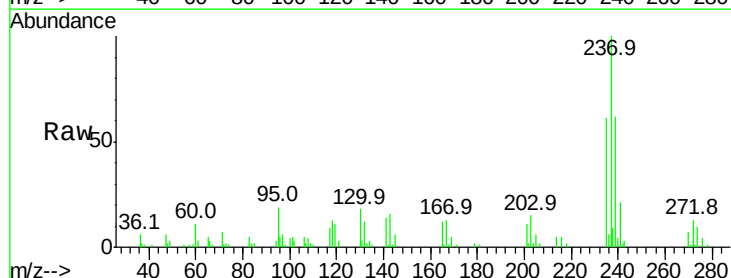
Tgt Ion:237 Resp: 49775

Ion Ratio Lower Upper

237 100

235 60.6 42.6 82.6

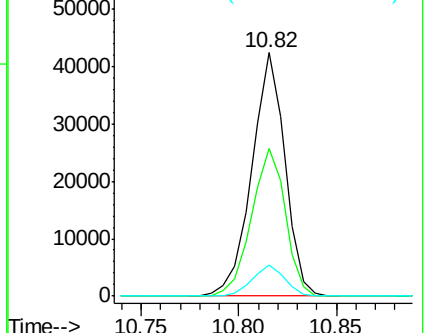
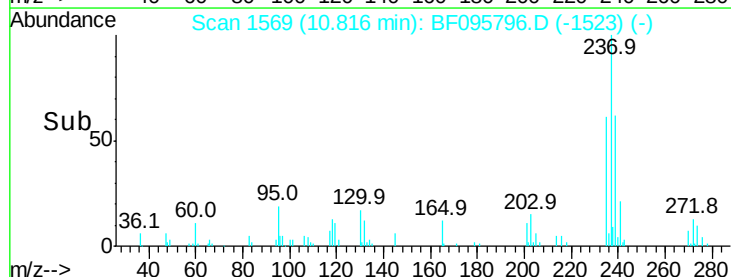
272 12.8 0.0 31.9

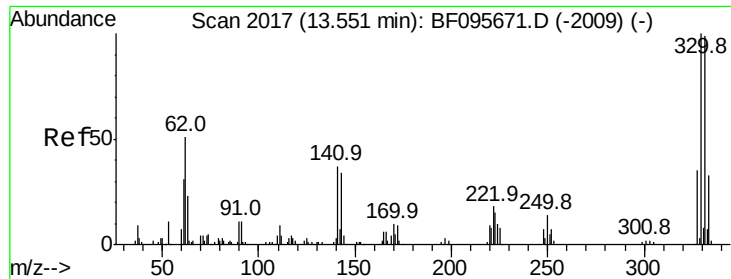


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

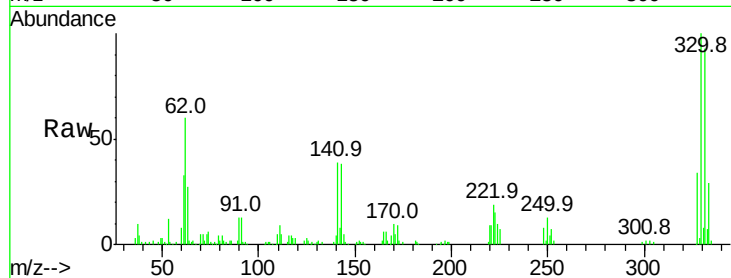




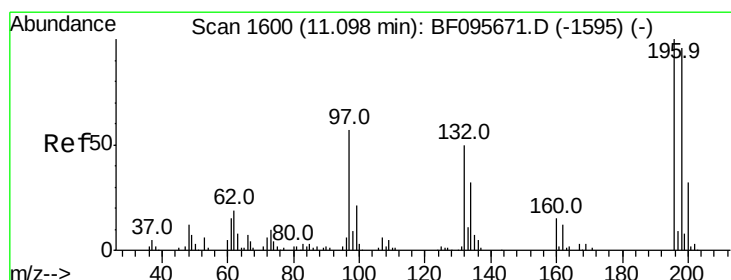
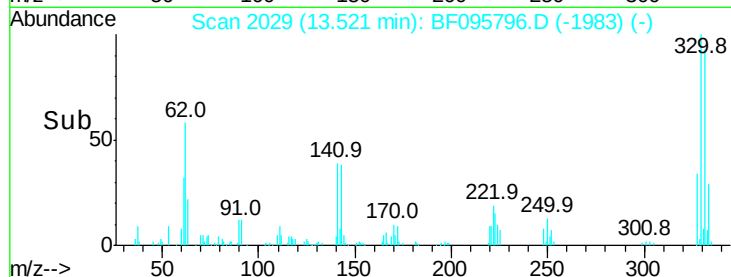
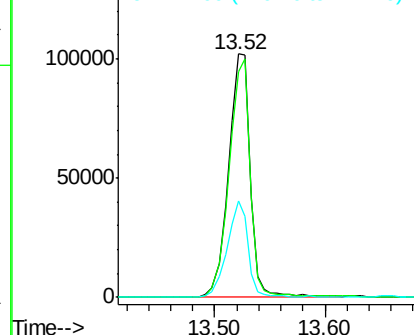
#41
 2,4,6-Tribromophenol
 Concen: 125.74 ng
 RT: 13.52 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 140999
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 38.4 31.4 47.2

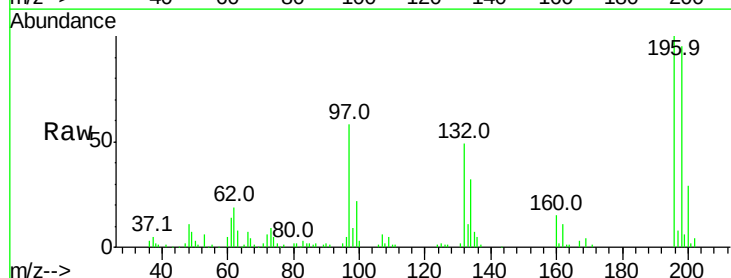


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

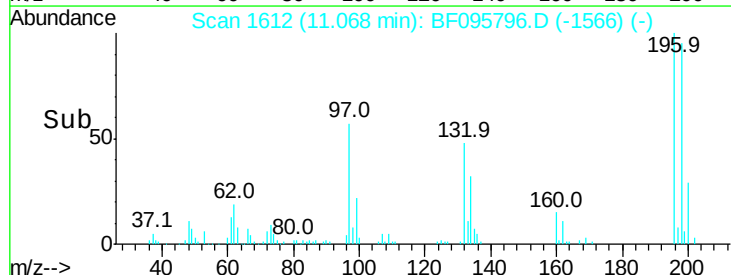
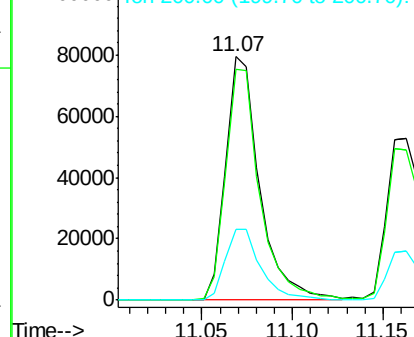


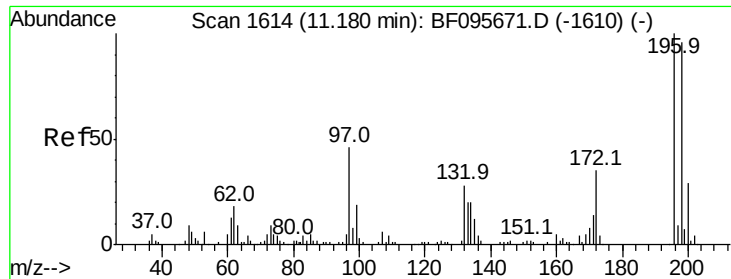
#42
 2,4,6-Trichlorophenol
 Concen: 42.60 ng
 RT: 11.07 min Scan# 1612
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion:196 Resp: 103901
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.2 111.4
 200 29.2 24.0 36.0



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

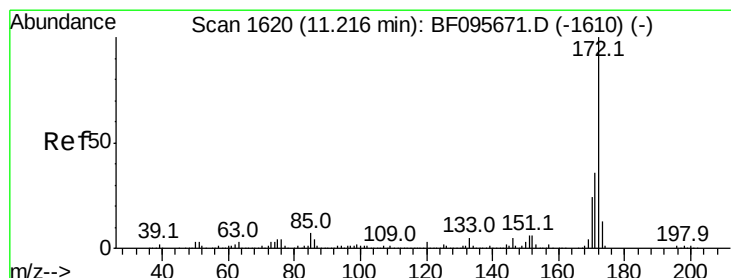
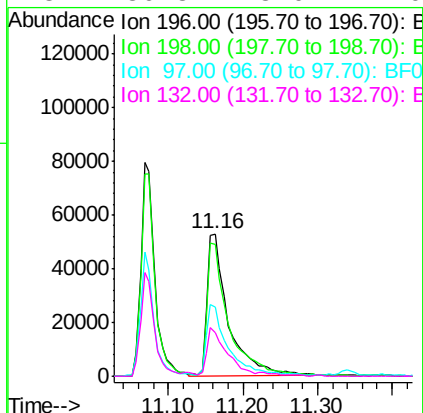
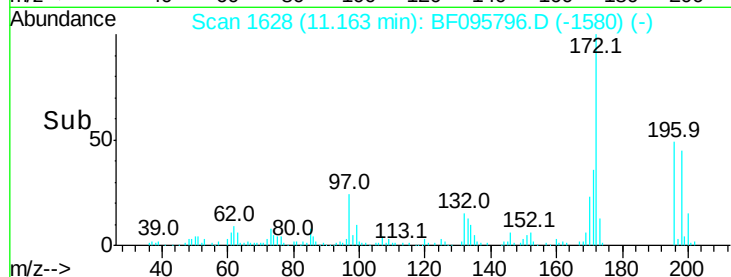
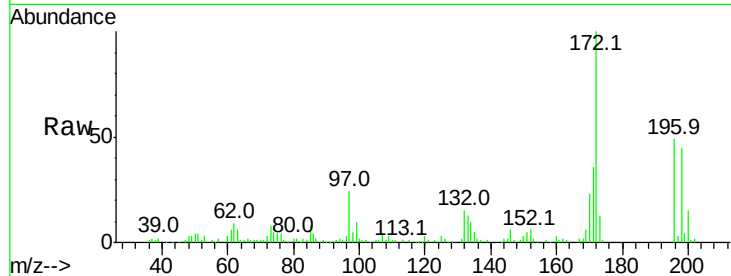




#43
 2,4,5-Trichlorophenol
 Concen: 40.80 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

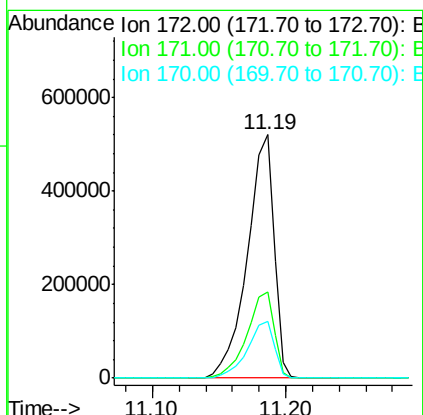
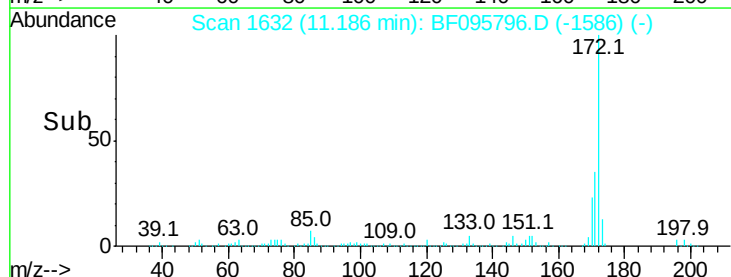
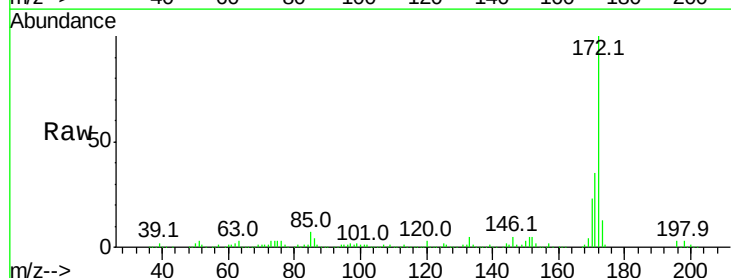
Instrument :
 BNA_F
 ClientSampled :

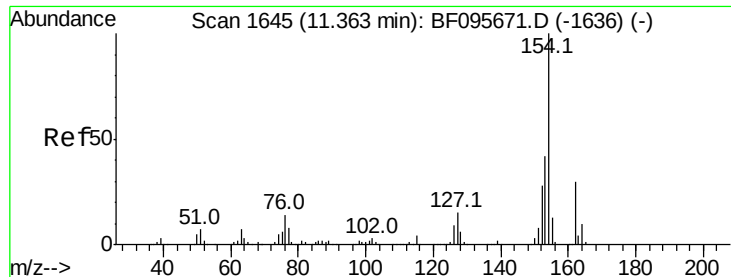
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.7	113.5
97	48.5	47.7	71.5
132	30.8	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 78.38 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.3	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.69 ng

RT: 11.33 min Scan# 1657

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

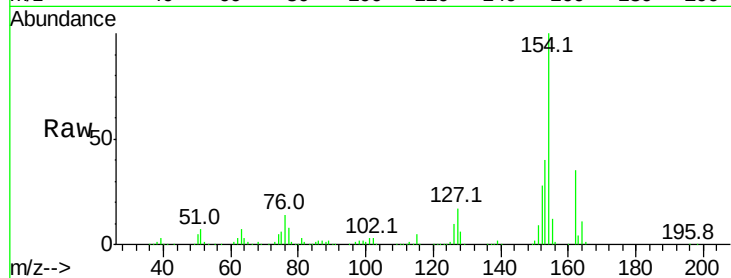
Tot Ion:154 Resp: 425029

Ion Ratio Lower Upper

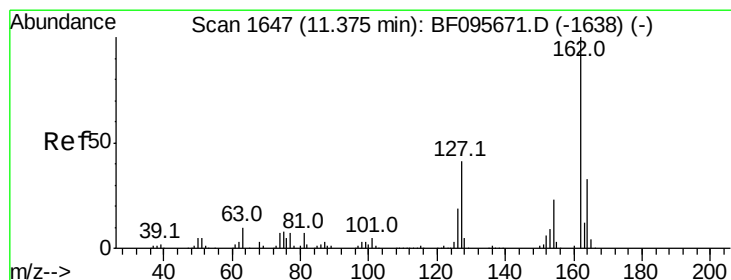
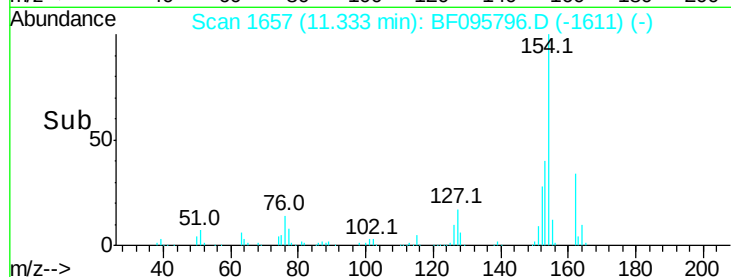
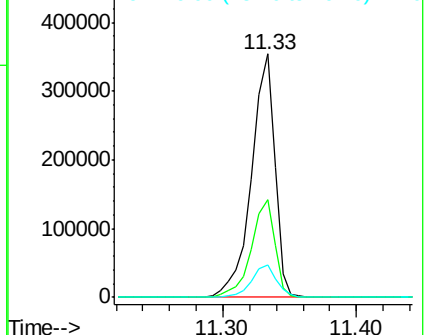
154 100

153 40.2 21.2 61.2

76 13.5 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 40.09 ng

RT: 11.34 min Scan# 1659

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

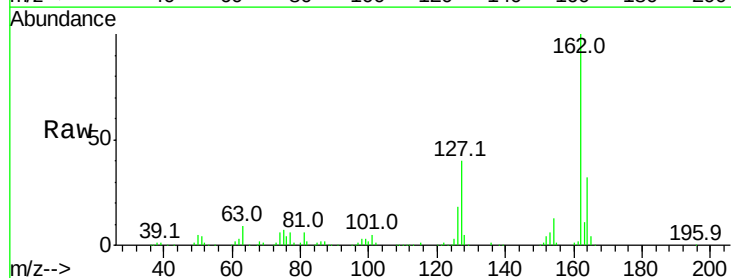
Tgt Ion:162 Resp: 327186

Ion Ratio Lower Upper

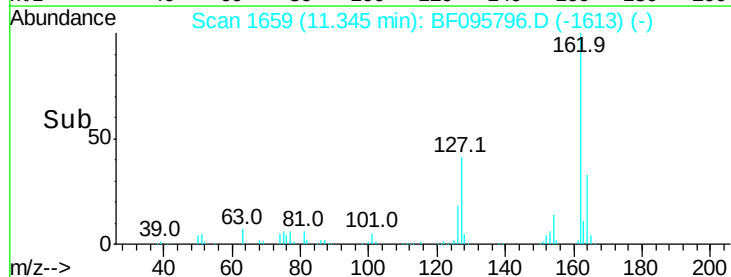
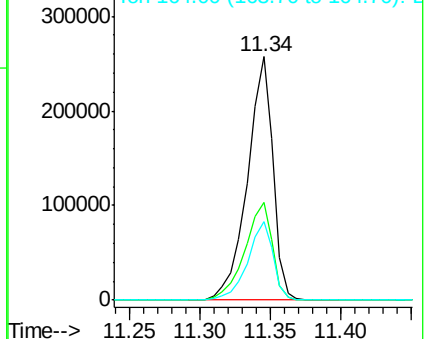
162 100

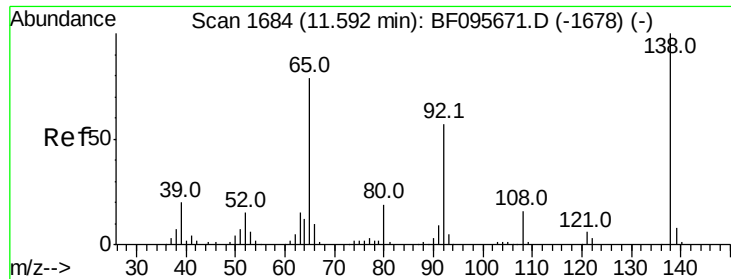
127 40.0 28.3 42.5

164 32.2 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.34 ng

RT: 11.56 min Scan# 1696

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampled :

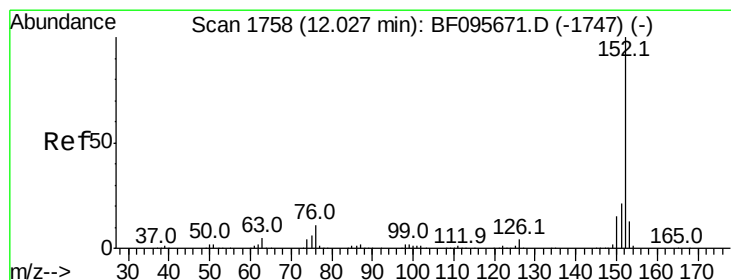
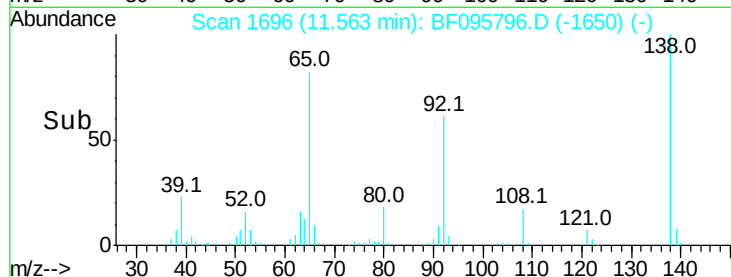
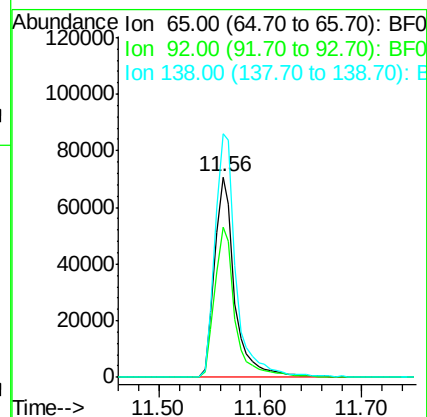
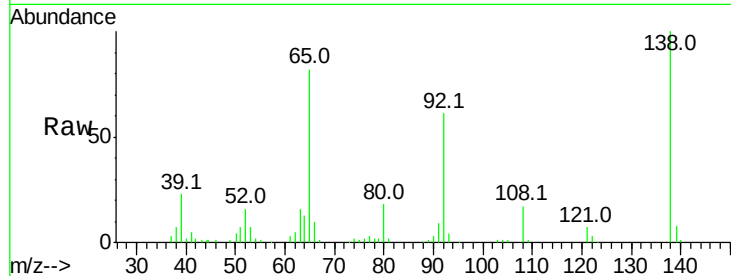
Tot Ion: 65 Resp: 98742

Ion Ratio Lower Upper

65 100

92 74.6 53.9 80.9

138 121.3 78.8 118.2#



#48

Acenaphthylene

Concen: 37.60 ng

RT: 12.00 min Scan# 1770

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

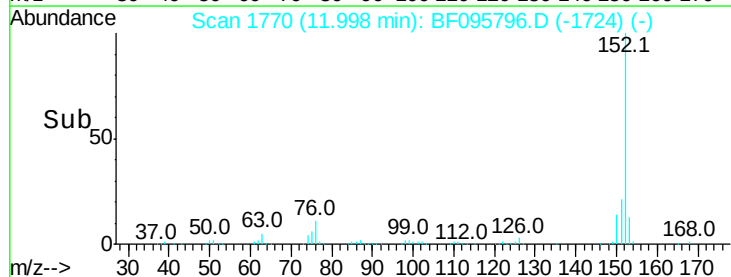
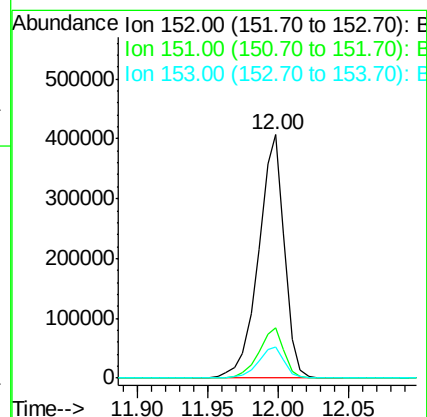
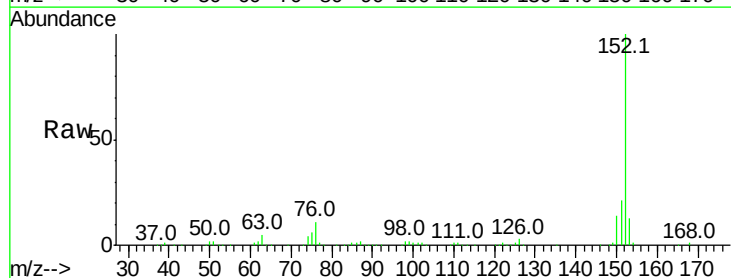
Tgt Ion:152 Resp: 524777

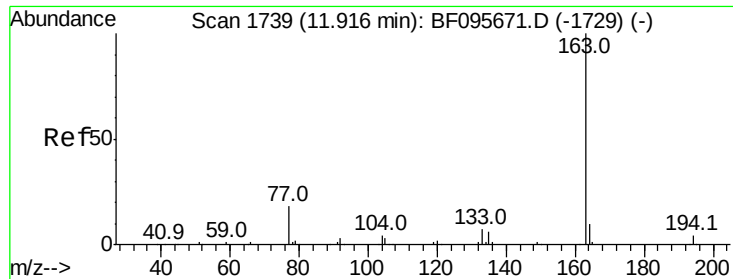
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 12.6 10.8 16.2

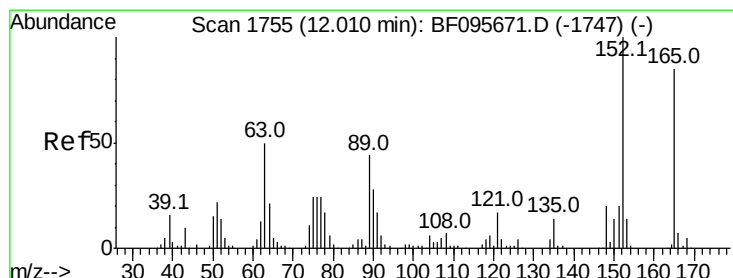
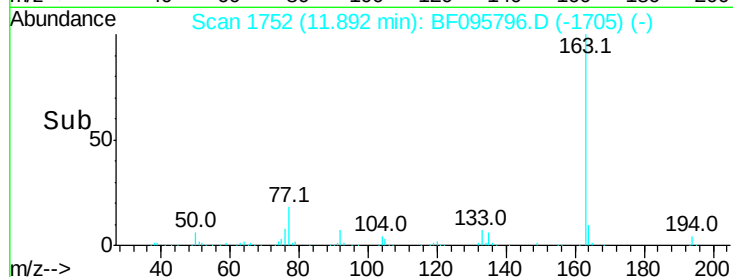
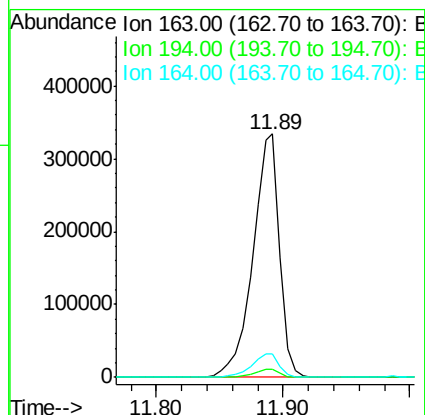
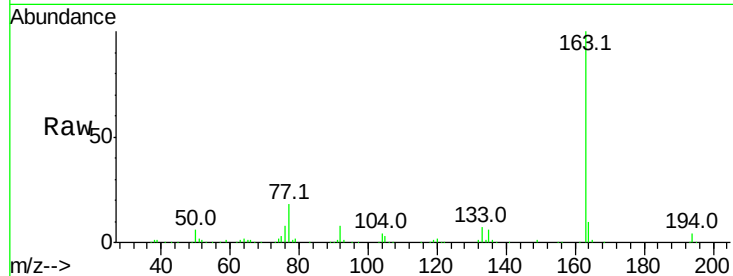




#49
Dimethylphthalate
Concen: 50.72 ng
RT: 11.89 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

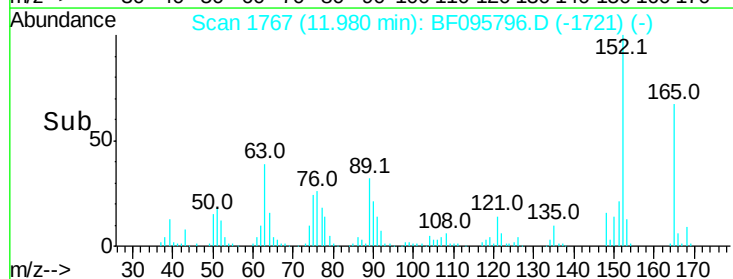
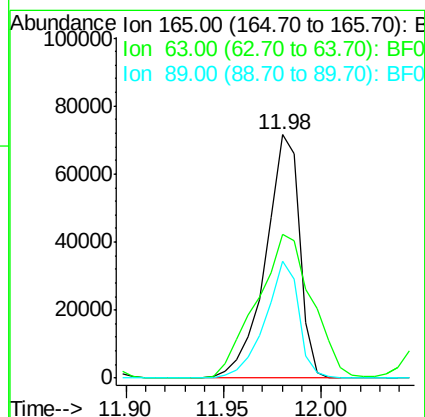
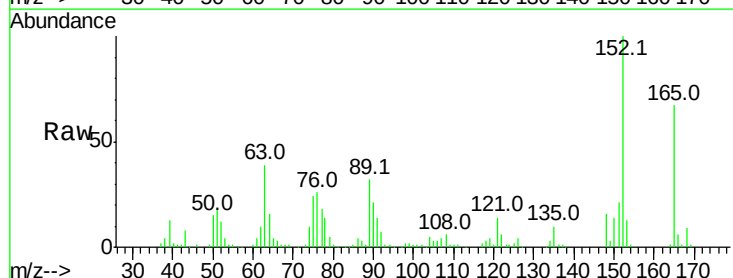
Instrument :
BNA_F
ClientSampled :

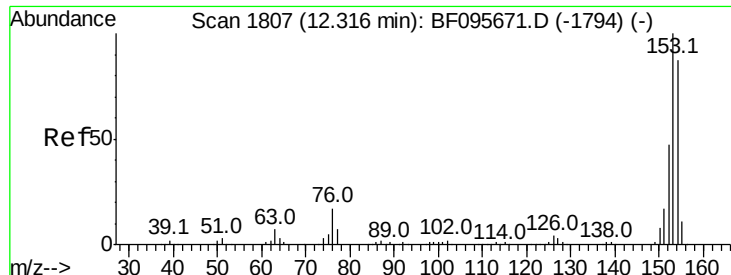
Tot Ion:163 Resp: 488035
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.6 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 41.33 ng
RT: 11.98 min Scan# 1767
Delta R.T. -0.03 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Tgt Ion:165 Resp: 86742
Ion Ratio Lower Upper
165 100
63 59.3 34.3 51.5#
89 48.1 37.1 55.7





#51

Acenaphthene

Concen: 38.60 ng

RT: 12.28 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

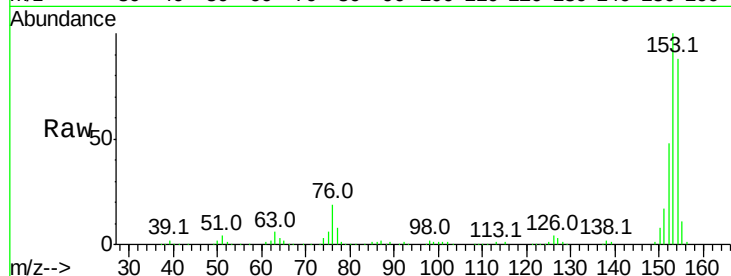
Tot Ion:154 Resp: 311120

Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

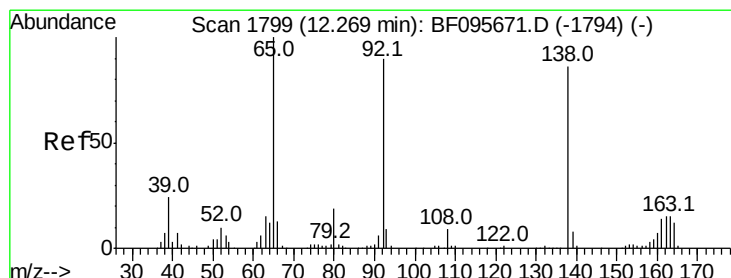
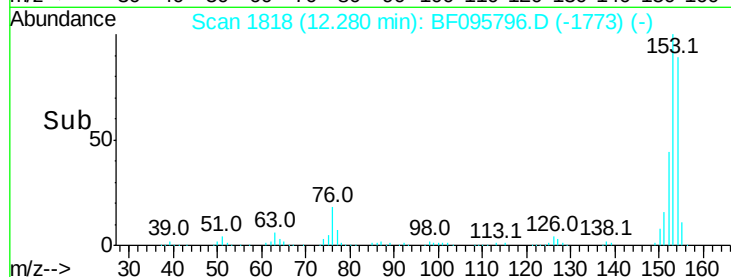
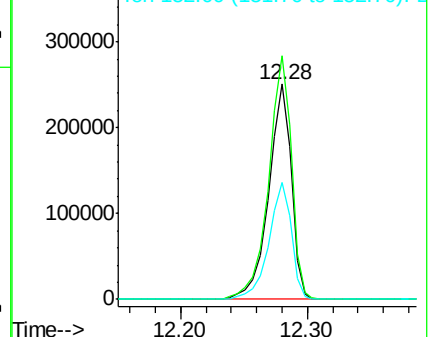
152 54.4 43.6 65.4



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: 31.85 ng

RT: 12.24 min Scan# 1811

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

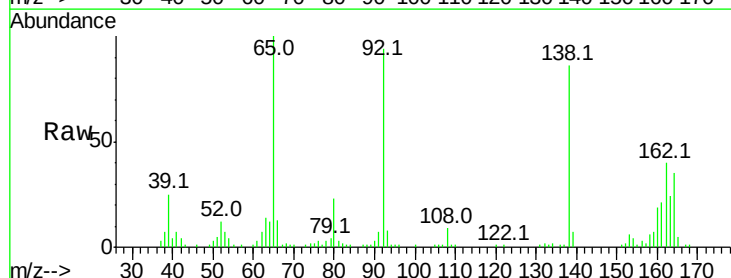
Tgt Ion:138 Resp: 77890

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

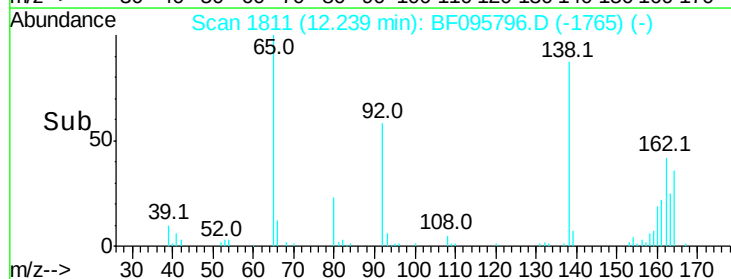
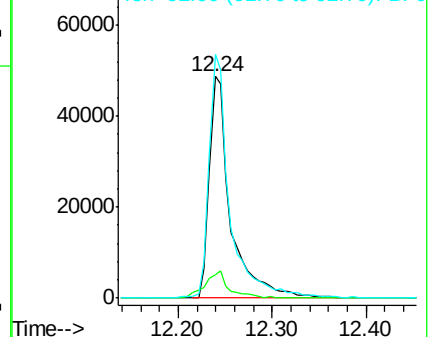
92 109.8 93.8 140.6

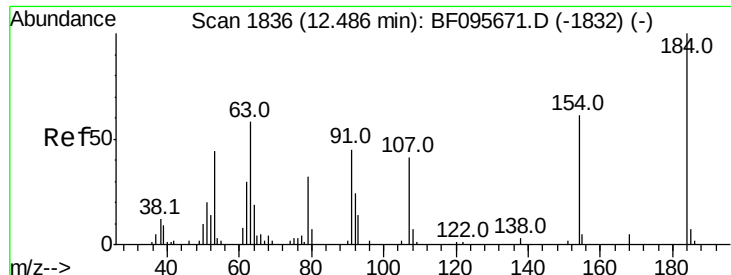


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

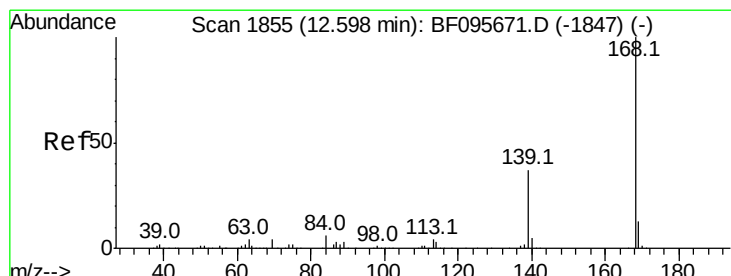
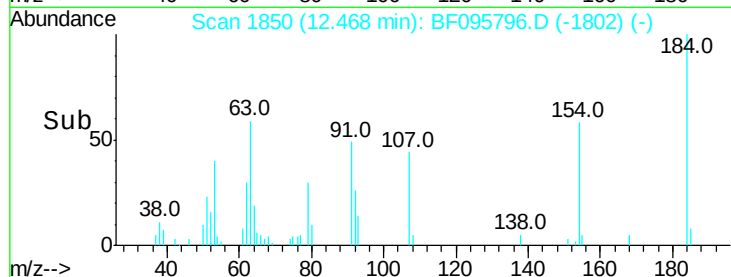
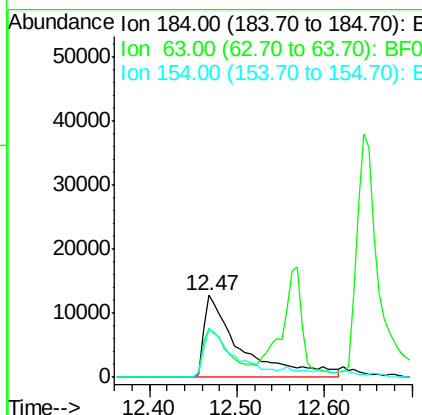
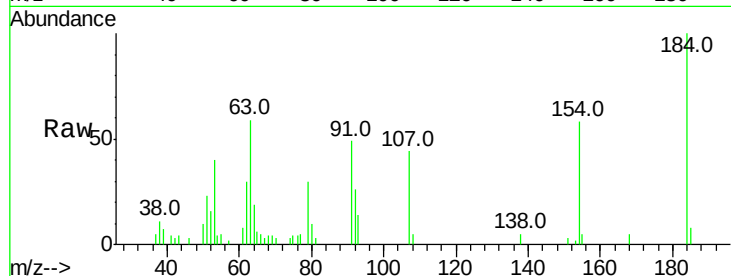




#53
 2,4-Dinitrophenol
 Concen: 35.15 ng
 RT: 12.47 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

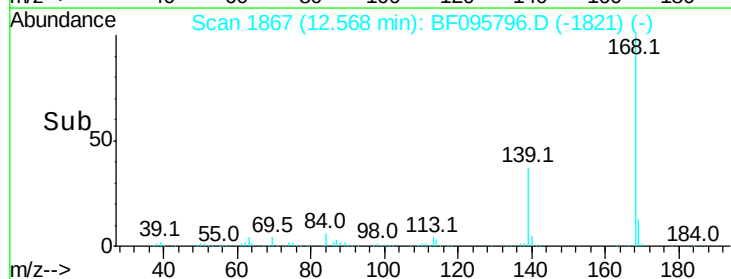
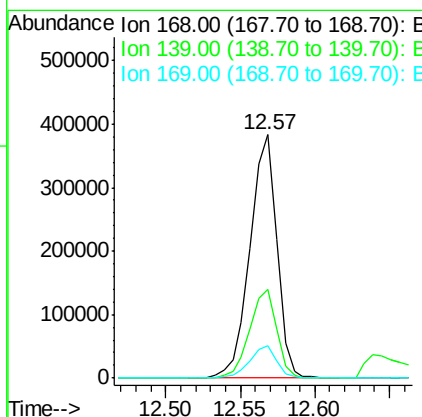
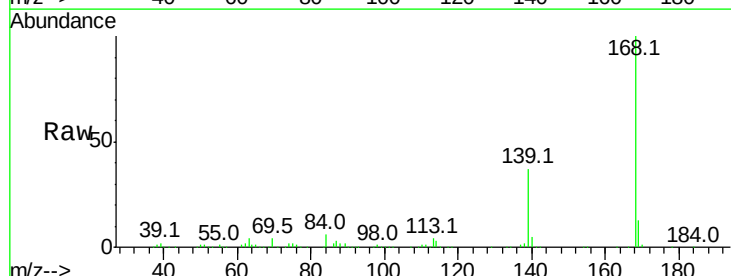
Instrument :
 BNA_F
 ClientSampled :

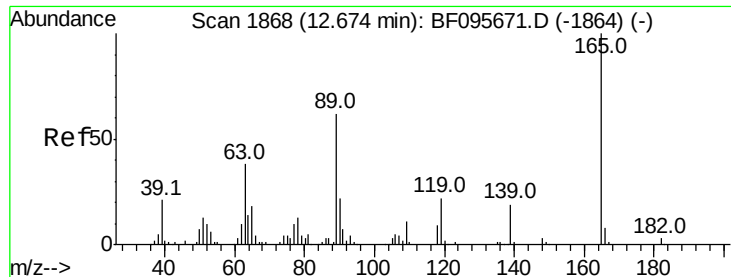
Tot Ion:184 Resp: 37078
 Ion Ratio Lower Upper
 184 100
 63 59.3 62.7 94.1#
 154 58.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.04 ng
 RT: 12.57 min Scan# 1867
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion:168 Resp: 476927
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.6 45.8
 169 13.4 10.8 16.2

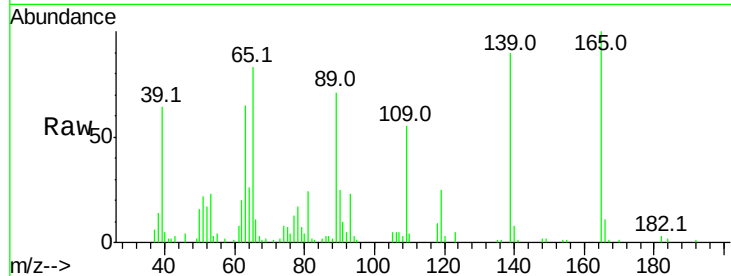




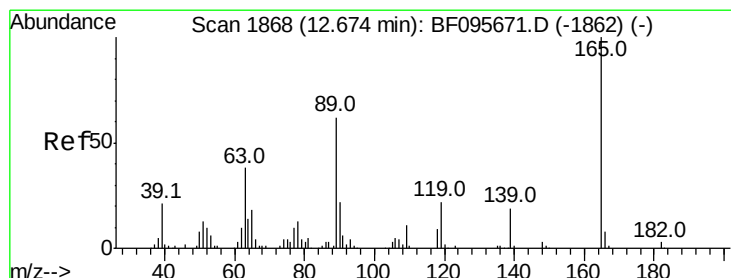
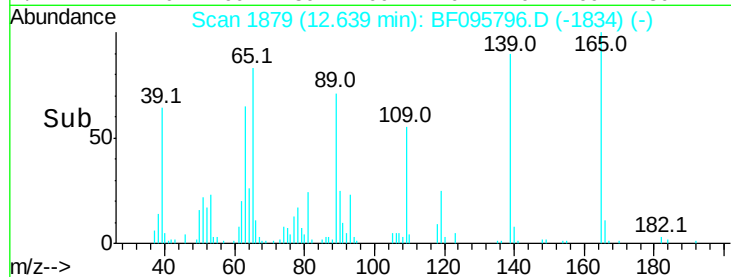
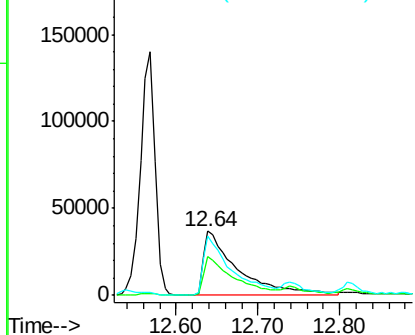
#55
4-Nitrophenol
Concen: 76.48 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 108892
Ion Ratio Lower Upper
139 100
109 61.1 34.1 74.1
65 92.7 31.4 71.4#



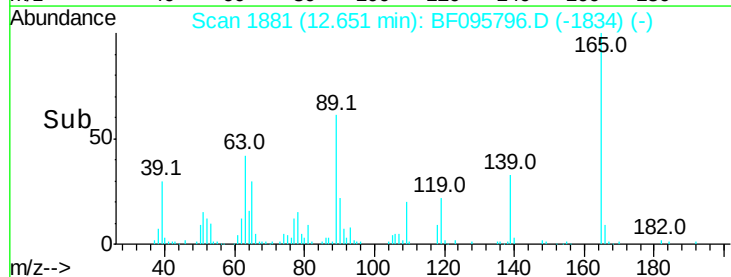
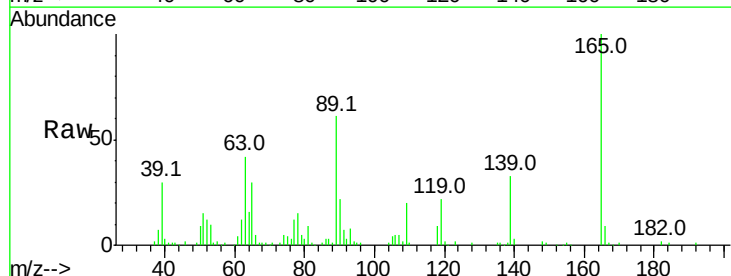
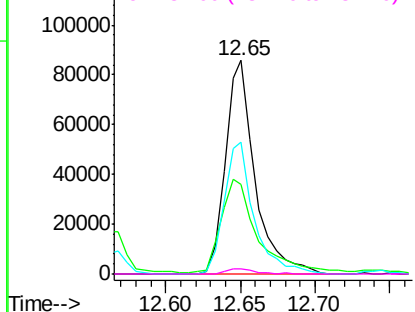
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

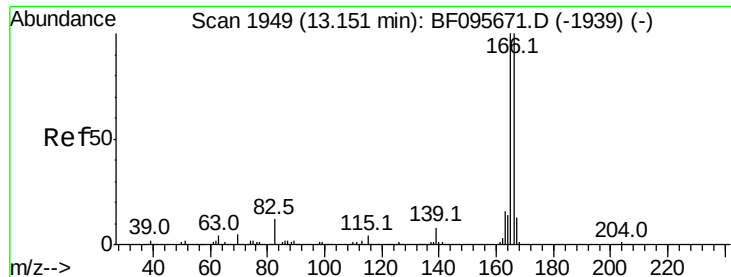


#56
2,4-Dinitrotoluene
Concen: 42.11 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Tgt Ion:165 Resp: 119391
Ion Ratio Lower Upper
165 100
63 41.8 25.4 38.0#
89 61.5 46.4 69.6
182 2.3 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

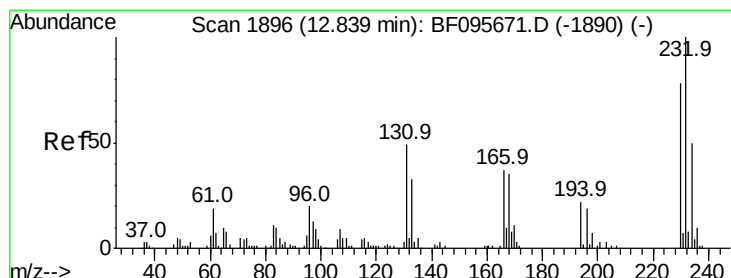
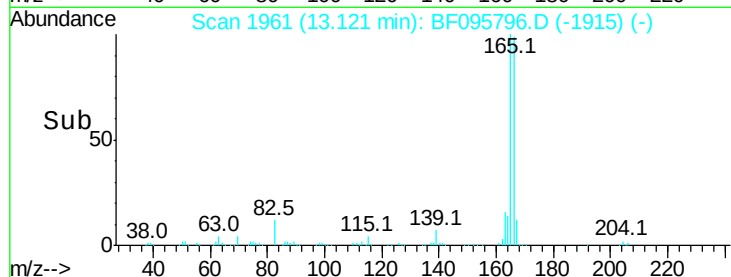
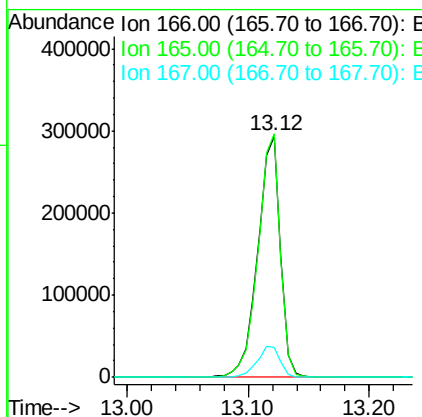
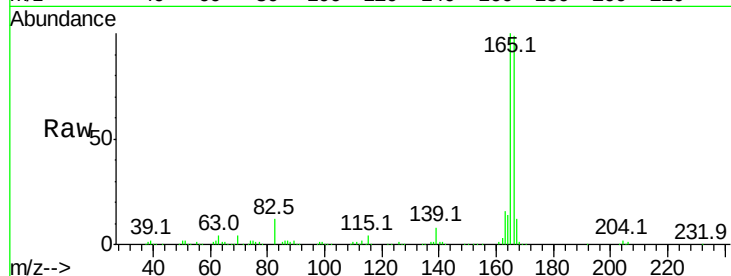




#57
 Fluorene
 Concen: 38.73 ng
 RT: 13.12 min Scan# 1961
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

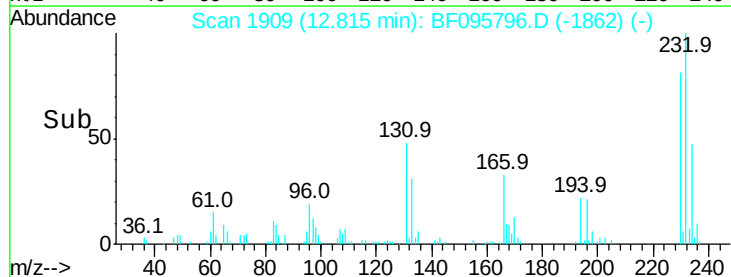
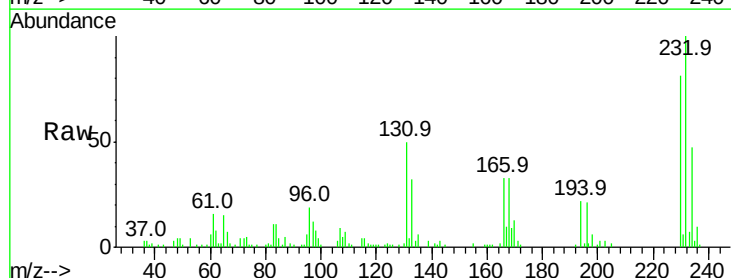
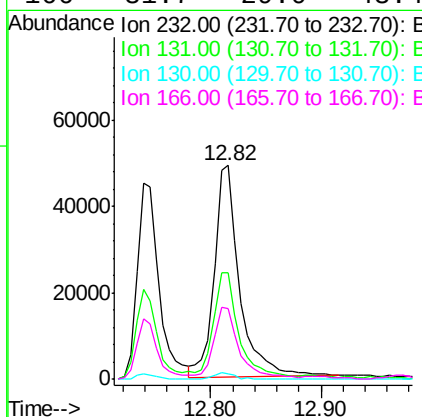
Instrument :
 BNA_F
 ClientSampleId :

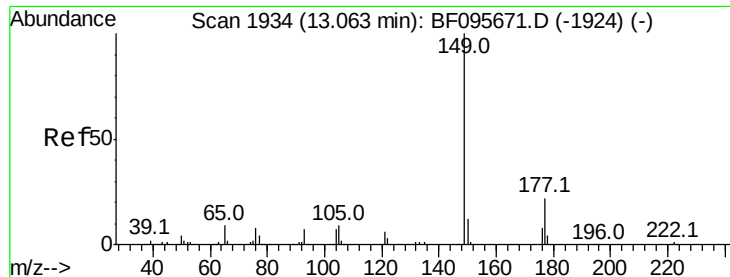
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.8	118.2
167	12.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.28 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.1	44.8	67.2
130	2.2	2.3	3.5
166	31.7	29.0	43.4

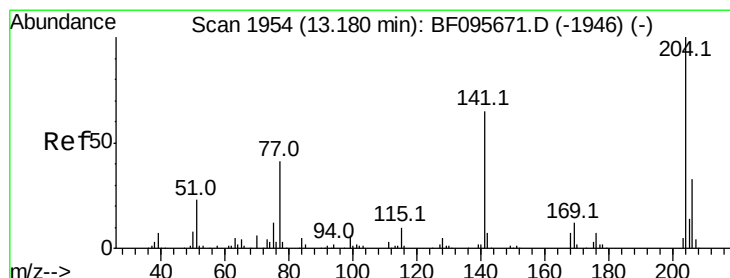
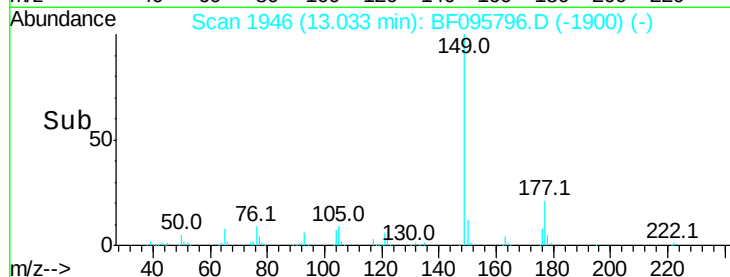
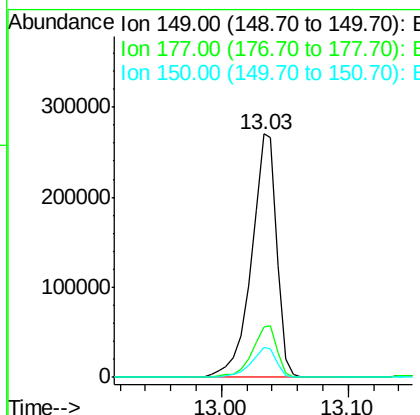
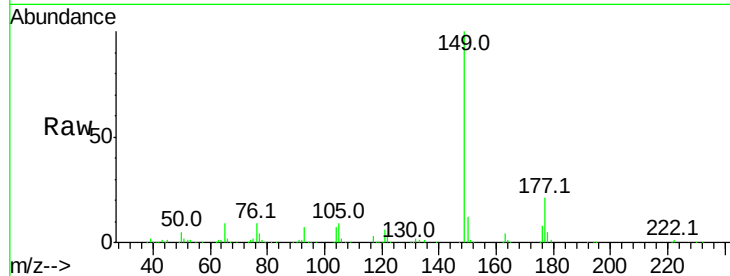




#59
Diethylphthalate
Concen: 40.65 ng
RT: 13.03 min Scan# 1946
Delta R.T. -0.03 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

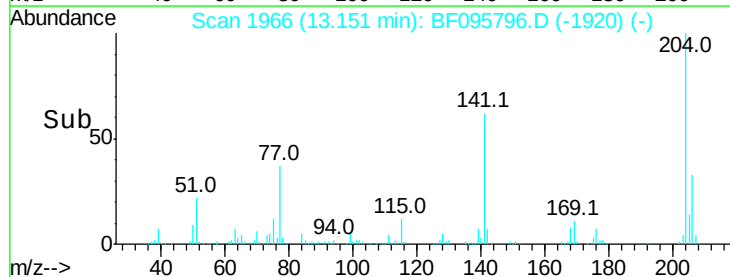
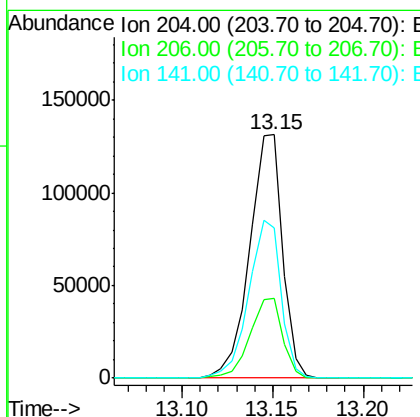
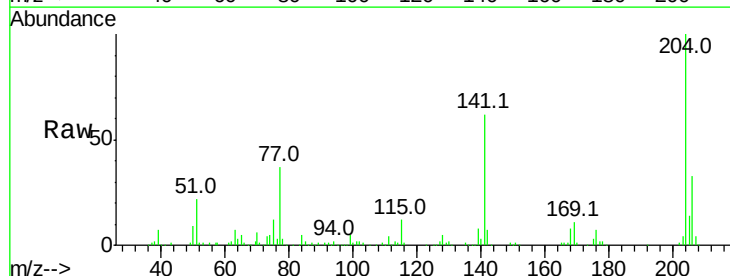
Instrument :
BNA_F
ClientSampleId :

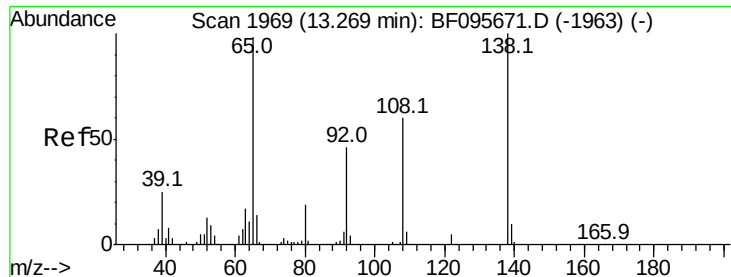
Tot Ion:149 Resp: 376439
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.70 ng
RT: 13.15 min Scan# 1966
Delta R.T. -0.03 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Tgt Ion:204 Resp: 166157
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 61.5 60.8 91.2

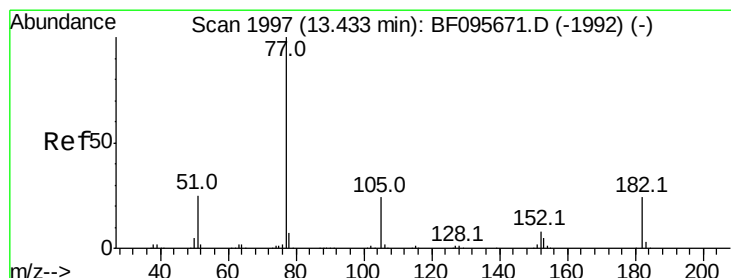
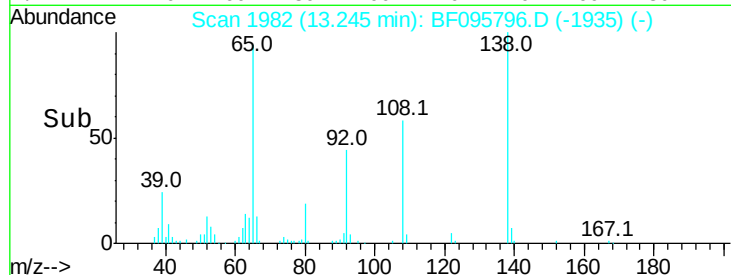
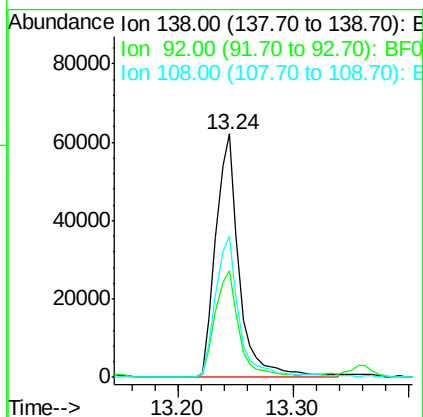
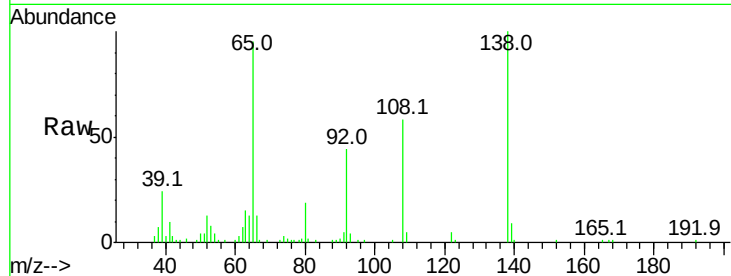




#61
4-Nitroaniline
Concen: 38.65 ng
RT: 13.24 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

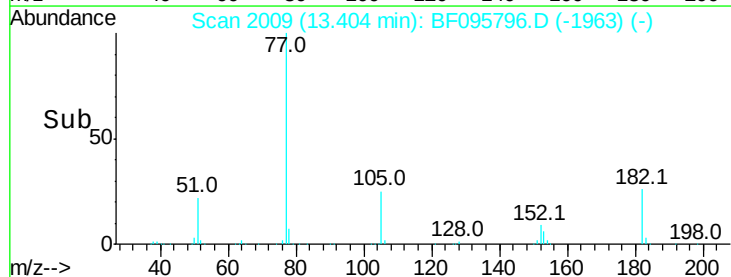
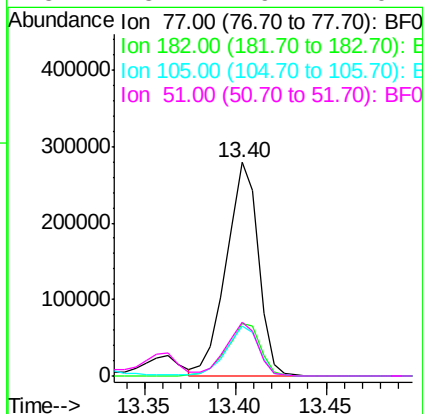
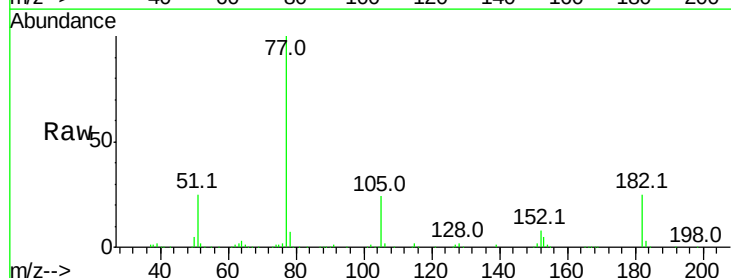
Instrument :
BNA_F
ClientSampled :

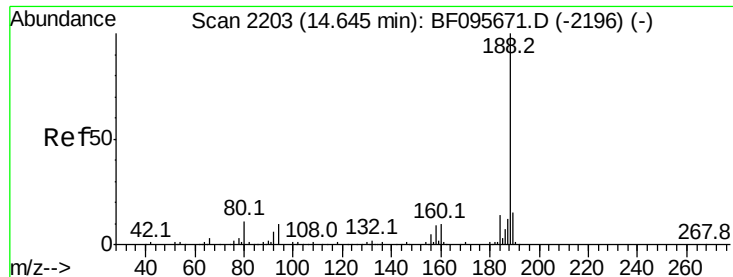
Tot Ion:138 Resp: 88251
Ion Ratio Lower Upper
138 100
92 43.8 21.8 61.8
108 57.7 42.3 82.3



#62
Azobenzene
Concen: 41.04 ng
RT: 13.40 min Scan# 2009
Delta R.T. -0.03 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Tgt Ion: 77 Resp: 344427
Ion Ratio Lower Upper
77 100
182 24.6 0.1 40.1
105 23.6 3.6 43.6
51 25.4 9.4 49.4

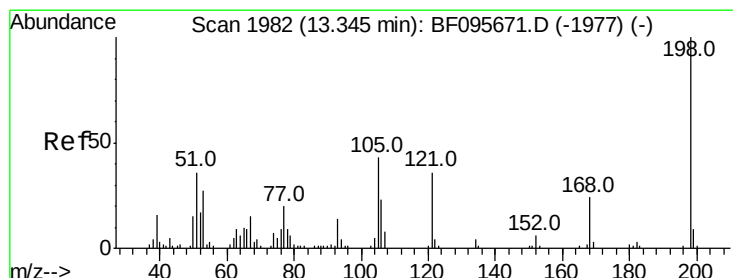
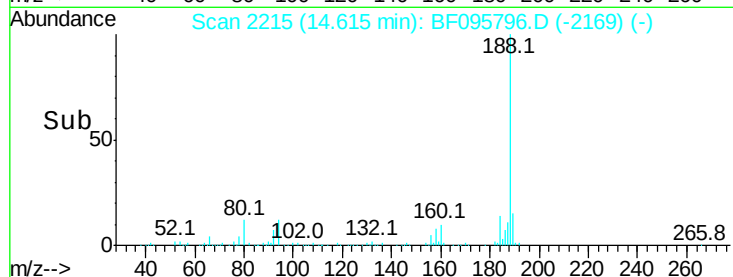
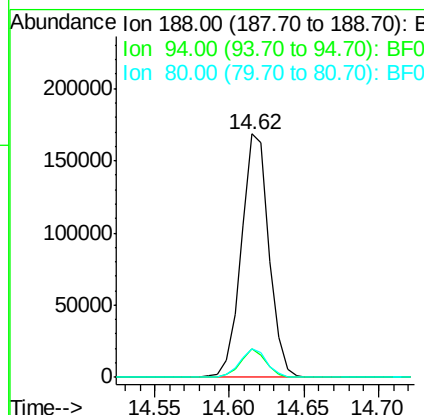
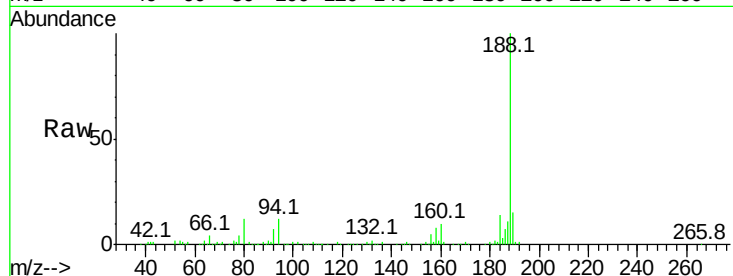




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2215
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

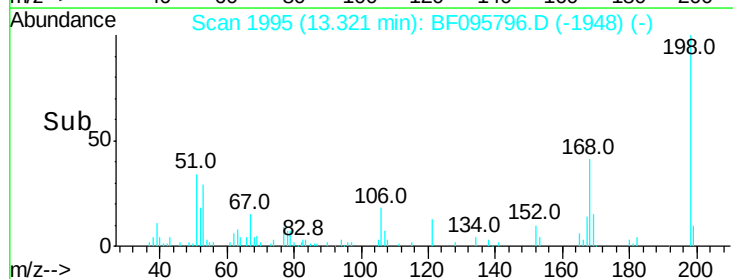
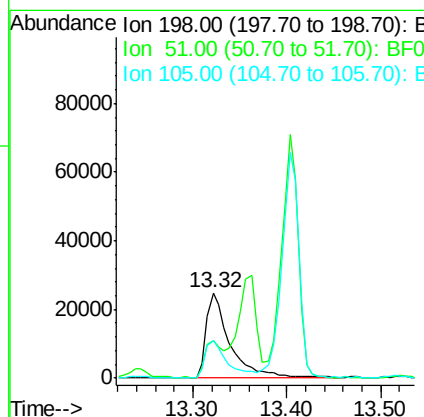
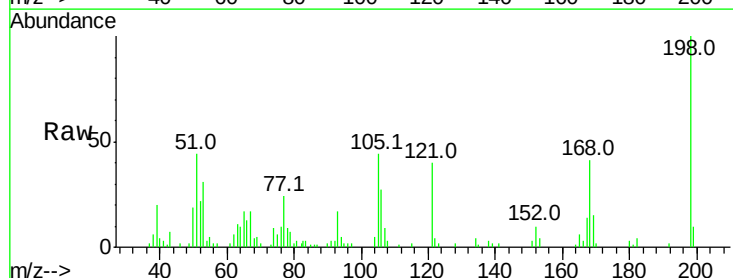
Instrument :
 BNA_F
 ClientSampled :

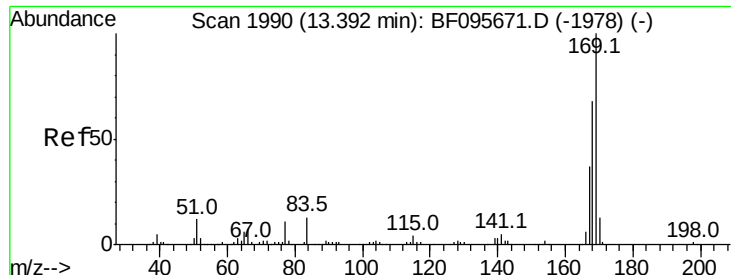
Tot Ion:188 Resp: 215245
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 11.8 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.54 ng
 RT: 13.32 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion:198 Resp: 44629
 Ion Ratio Lower Upper
 198 100
 51 43.9 53.2 93.2#
 105 43.5 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 42.19 ng

RT: 13.36 min Scan# 2002

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

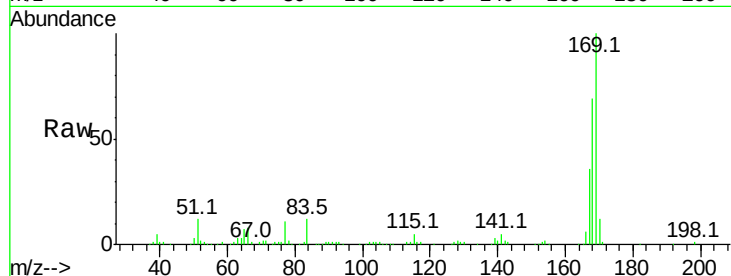
Tot Ion:169 Resp: 326312

Ion Ratio Lower Upper

169 100

168 68.7 53.2 79.8

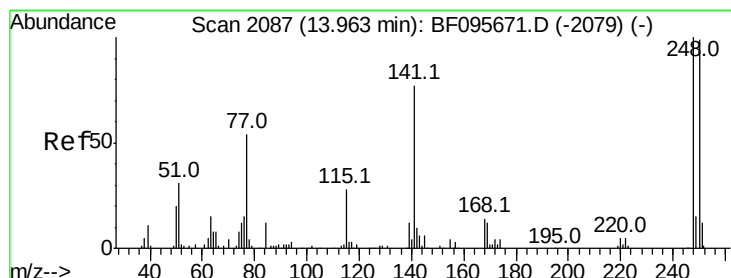
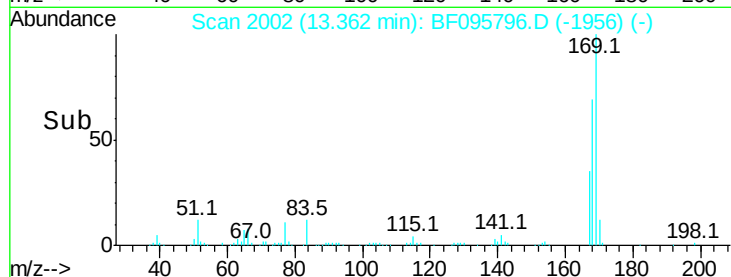
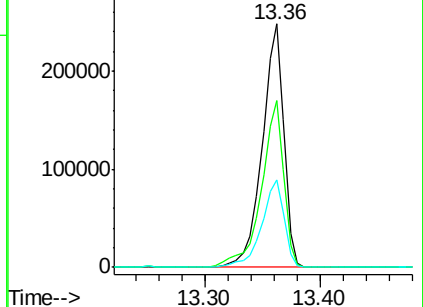
167 36.0 29.5 44.3



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: 41.07 ng

RT: 13.93 min Scan# 2098

Delta R.T. -0.04 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

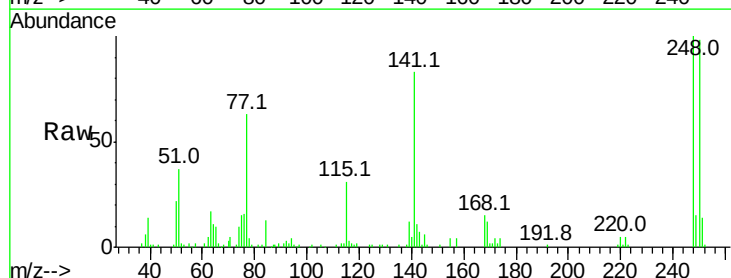
Tgt Ion:248 Resp: 91863

Ion Ratio Lower Upper

248 100

250 98.2 76.8 115.2

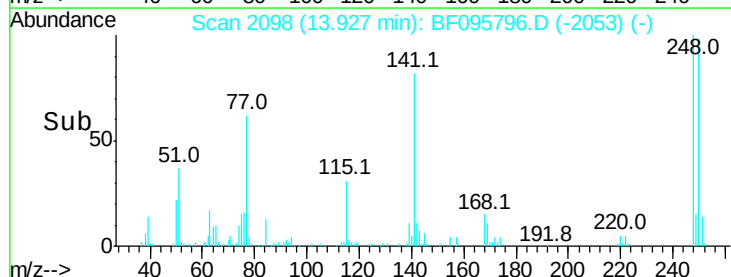
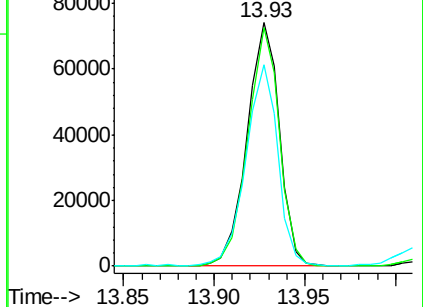
141 82.9 68.6 103.0

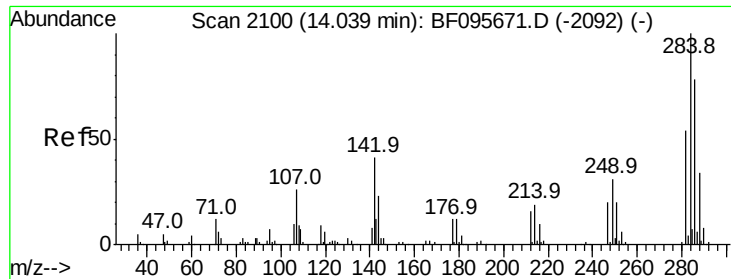


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.41 ng

RT: 14.01 min Scan# 2112

Delta R.T. -0.03 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

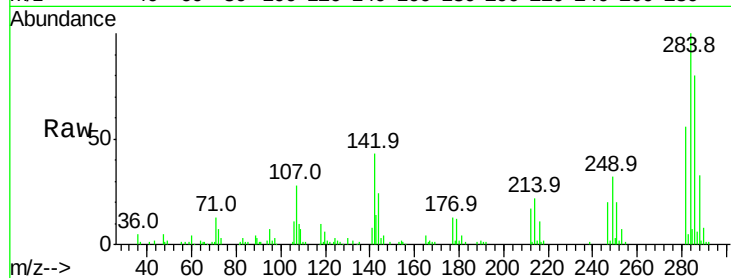
Tot Ion:284 Resp: 89072

Ion Ratio Lower Upper

284 100

142 42.8 22.8 34.2#

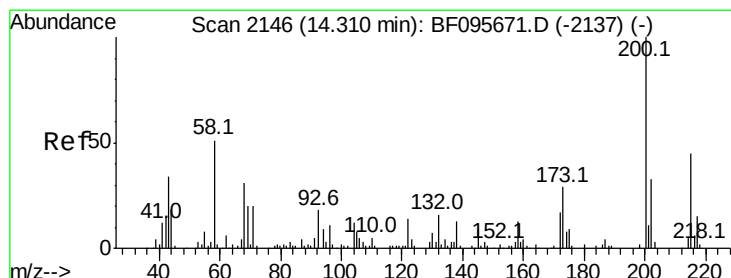
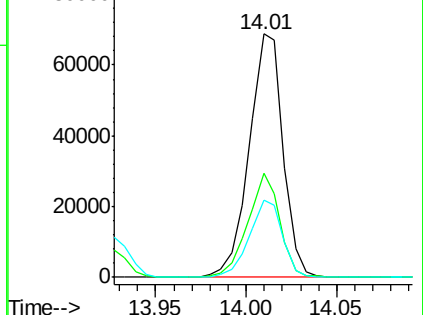
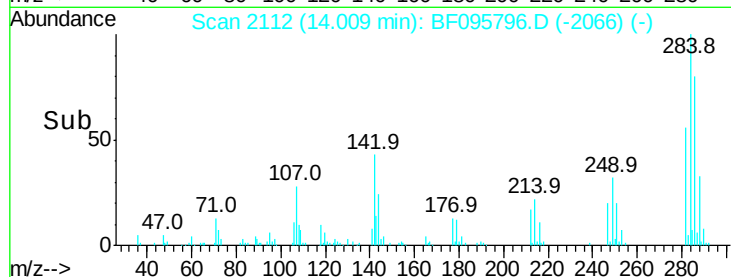
249 31.7 24.0 36.0



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: 43.43 ng

RT: 14.29 min Scan# 2159

Delta R.T. -0.02 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

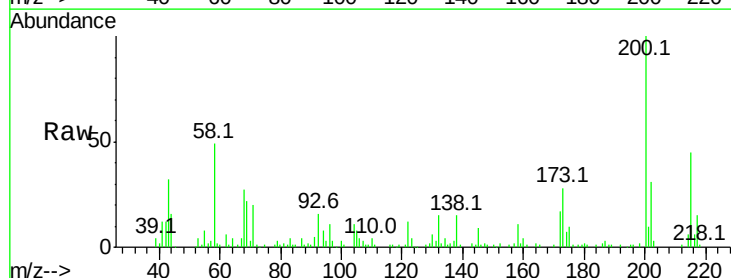
Tgt Ion:200 Resp: 93492

Ion Ratio Lower Upper

200 100

173 28.3 6.3 46.3

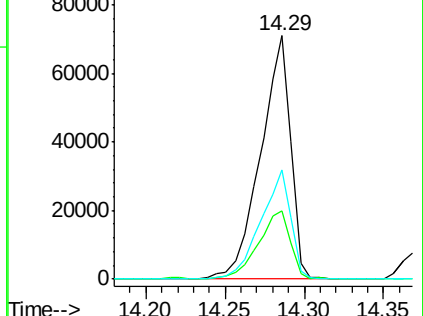
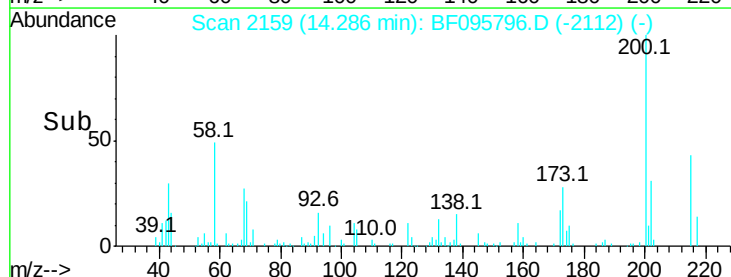
215 45.0 27.2 67.2

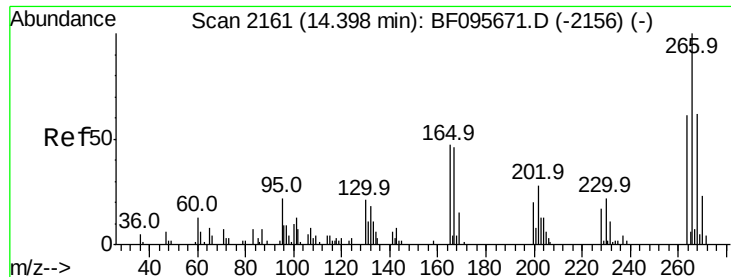


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

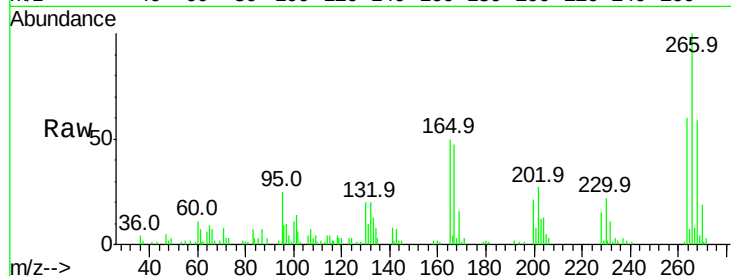




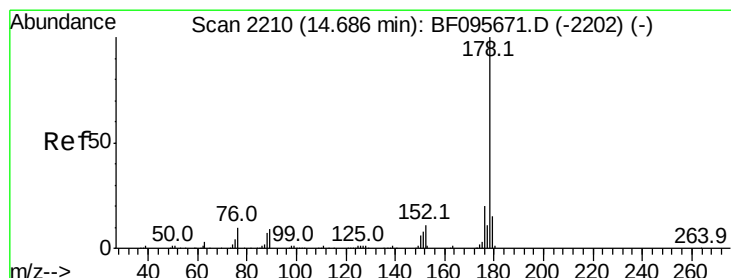
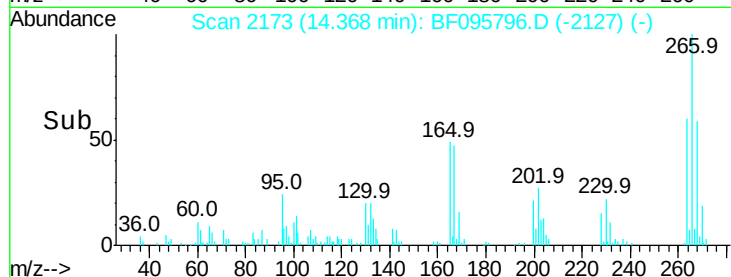
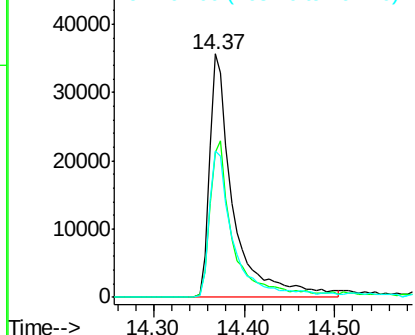
#69
 Pentachlorophenol
 Concen: 78.62 ng
 RT: 14.37 min Scan# 2173
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 65613
 Ion Ratio Lower Upper
 266 100
 268 59.4 51.1 76.7
 264 60.0 51.7 77.5

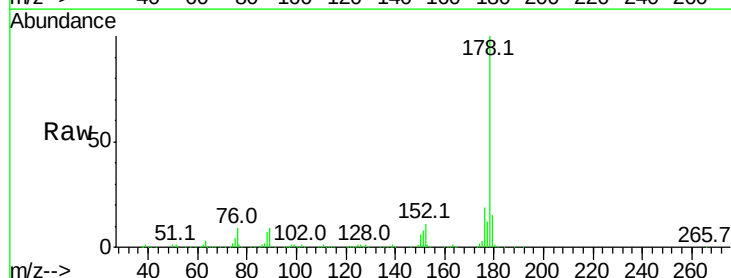


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

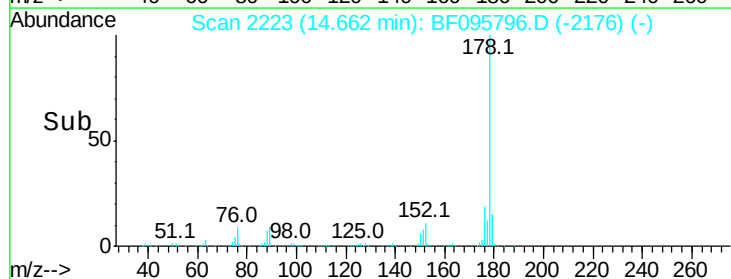
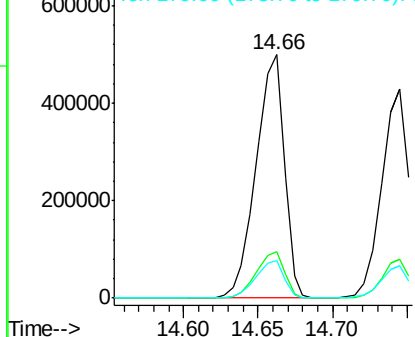


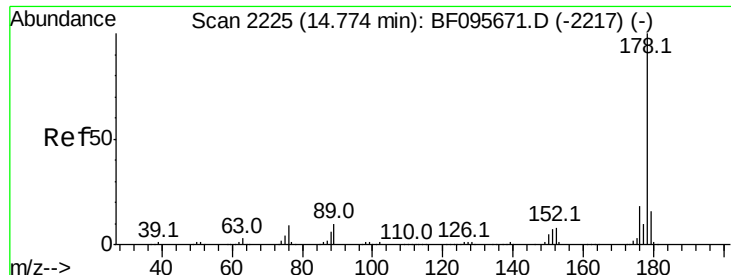
#70
 Phenanthrene
 Concen: 52.72 ng
 RT: 14.66 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion:178 Resp: 654704
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.3 12.6 19.0



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

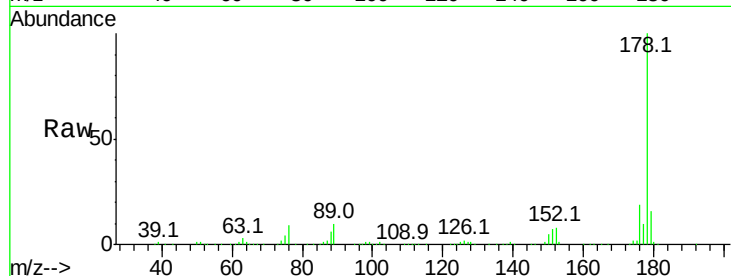




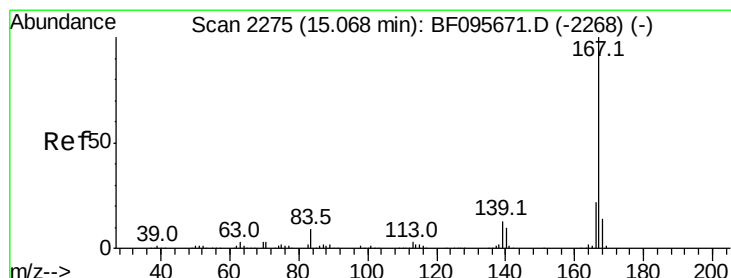
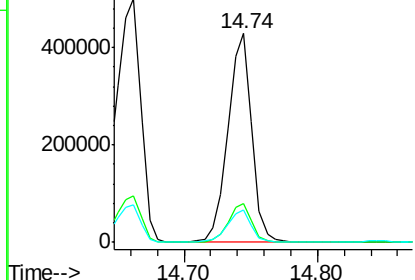
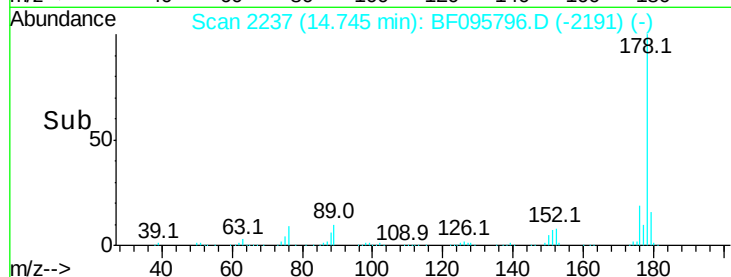
#71
 Anthracene
 Concen: 41.42 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 537066
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.8 12.7 19.1

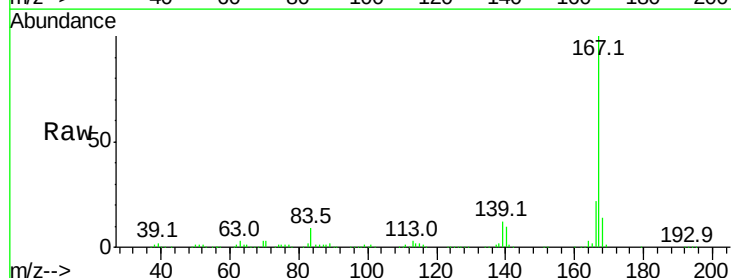


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

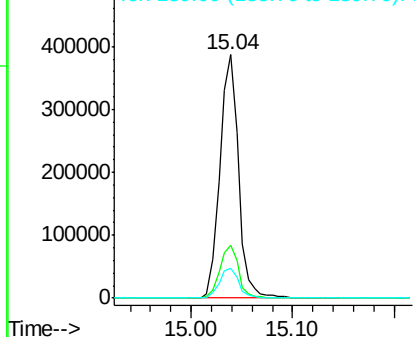
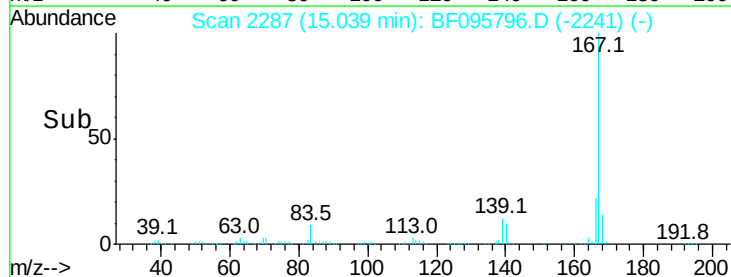


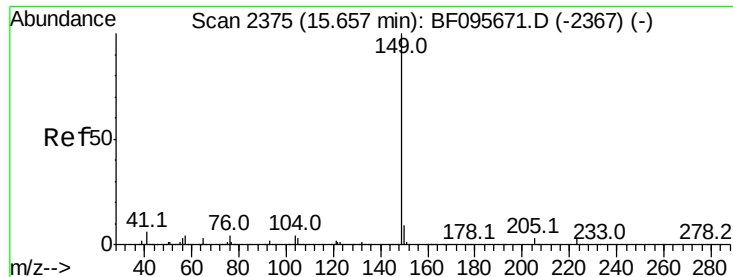
#72
 Carbazole
 Concen: 38.92 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion:167 Resp: 491761
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.65 ng

RT: 15.63 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

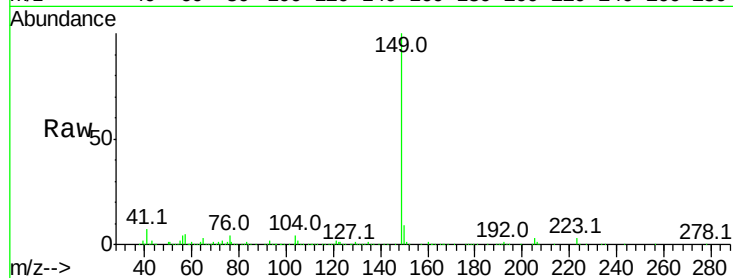
Tot Ion:149 Resp: 559875

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

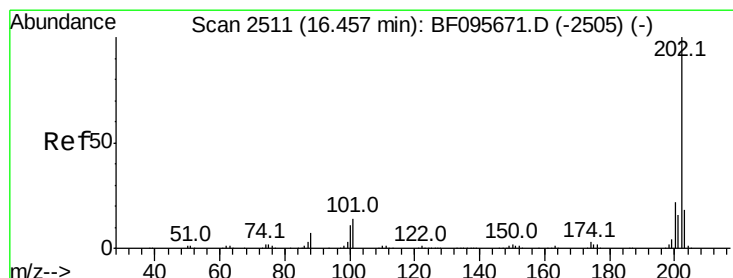
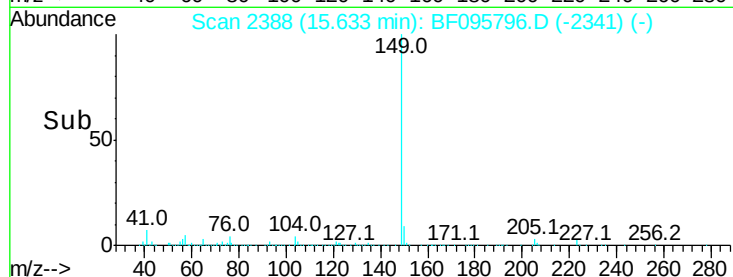
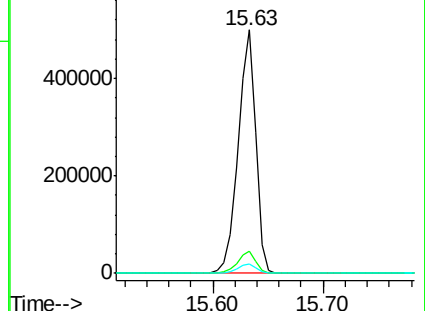
104 4.0 4.0 6.0



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: 53.17 ng

RT: 16.44 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

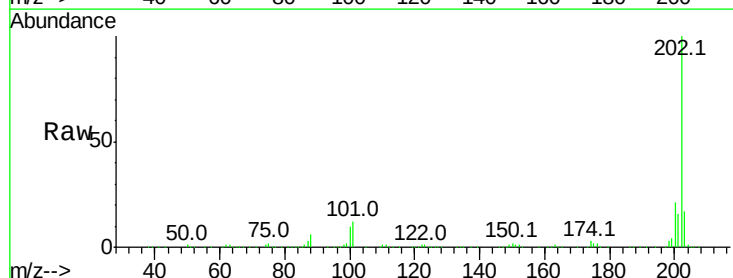
Tgt Ion:202 Resp: 653560

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

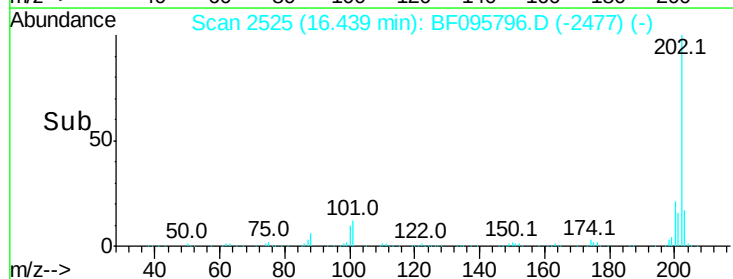
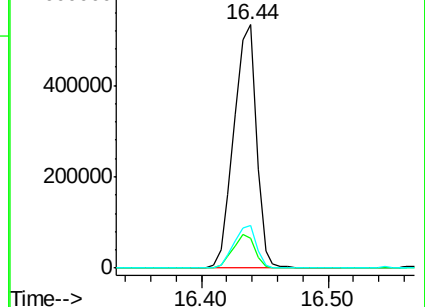
203 17.3 0.0 38.1

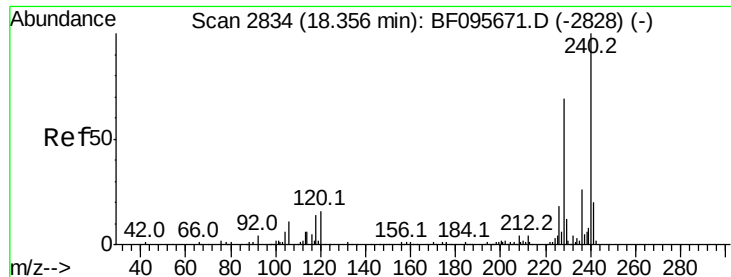


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

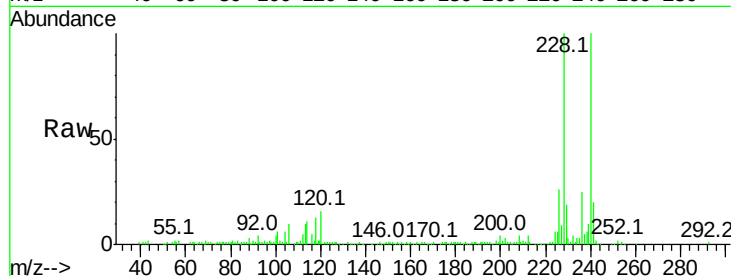
Tot Ion:240 Resp: 135942

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

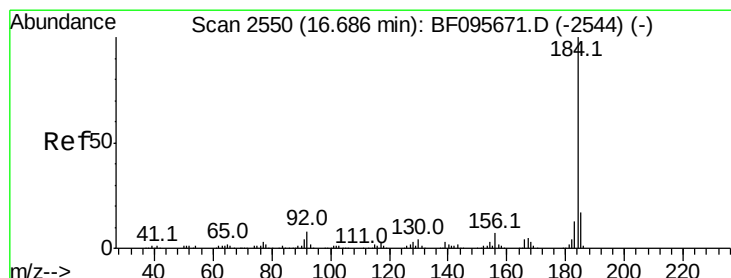
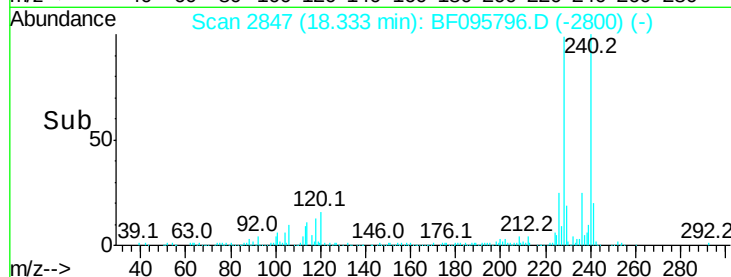
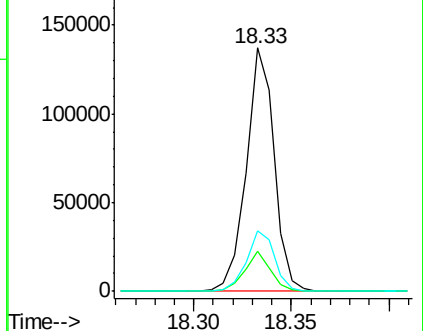
236 24.7 20.5 30.7



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: 37.94 ng

RT: 16.66 min Scan# 2563

Delta R.T. -0.02 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

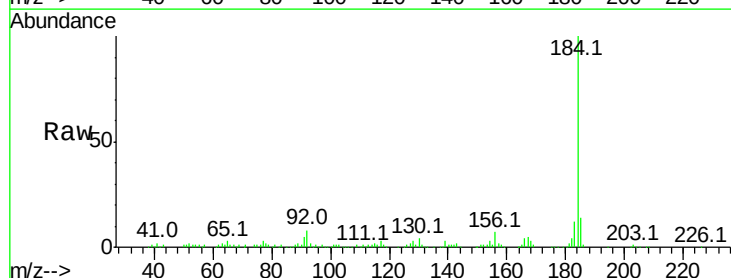
Tgt Ion:184 Resp: 198072

Ion Ratio Lower Upper

184 100

185 13.5 15.5 23.3#

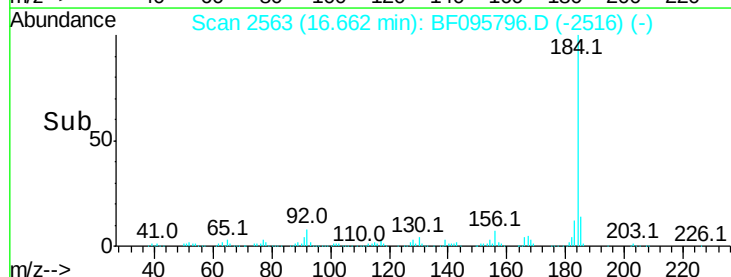
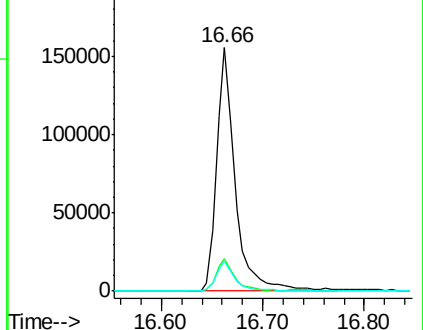
183 12.5 9.8 14.6

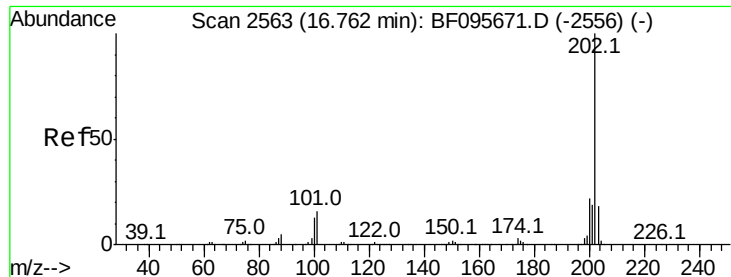


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 62.25 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095796.D

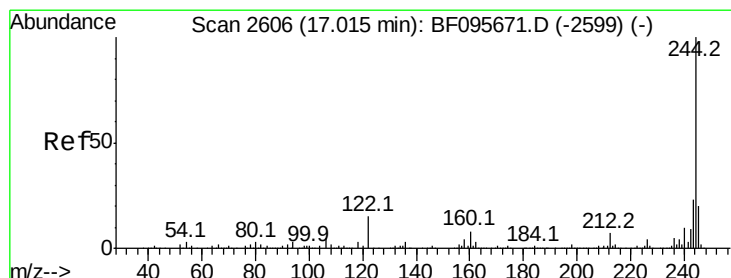
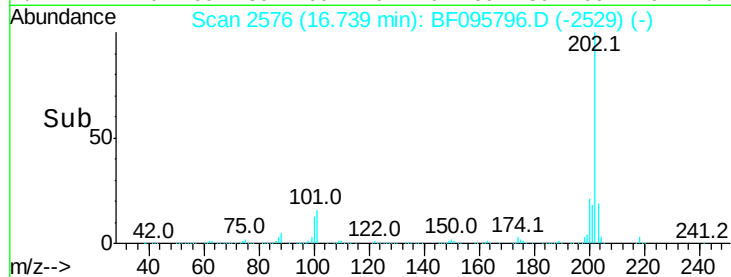
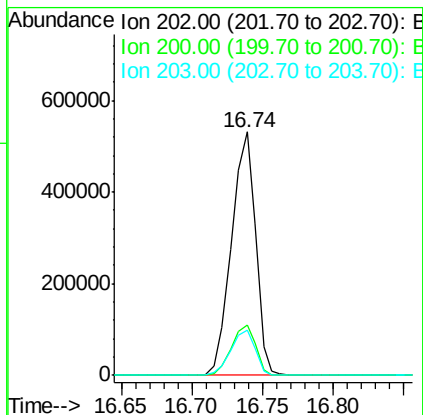
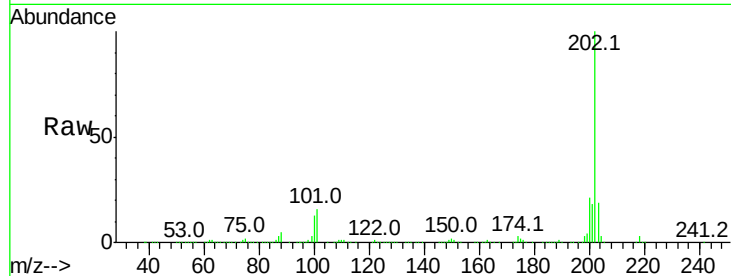
Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	631402
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	18.8	14.4	21.6



#78

Terphenyl-d14

Concen: 91.76 ng

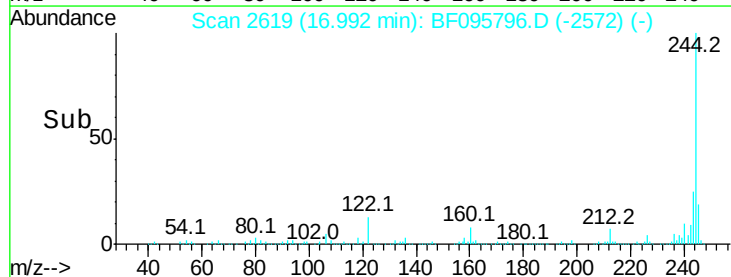
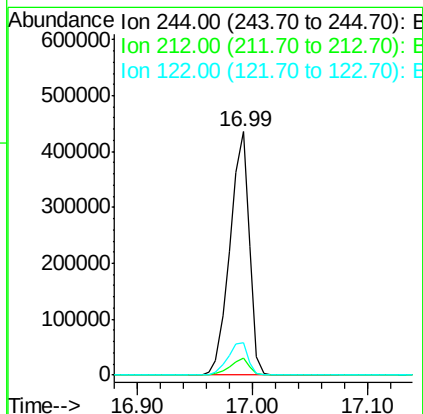
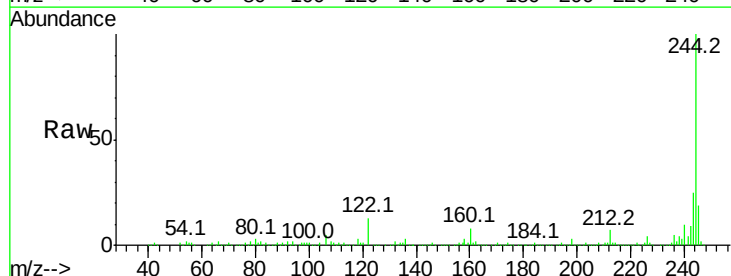
RT: 16.99 min Scan# 2619

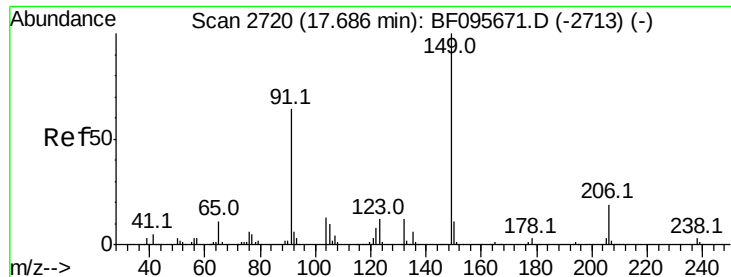
Delta R.T. -0.02 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Tgt Ion:	244	Resp:	502607
Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.4	10.3	15.5

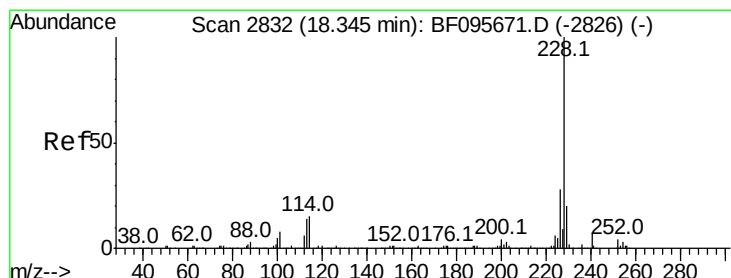
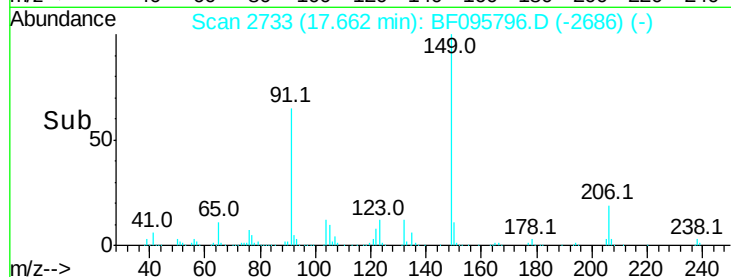
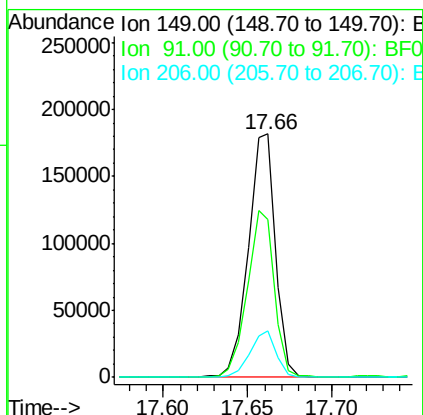
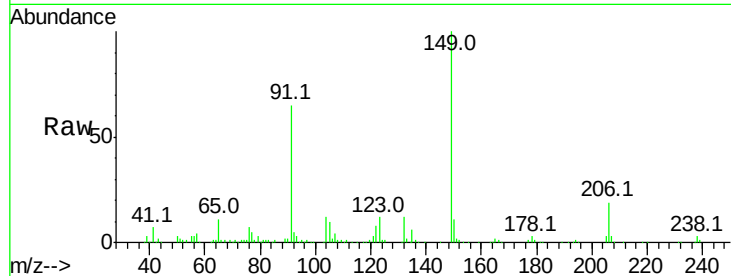




#79
Butylbenzylphthalate
Concen: 45.77 ng
RT: 17.66 min Scan# 2733
Delta R.T. -0.02 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

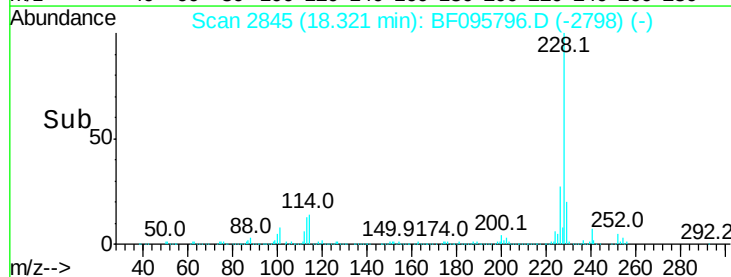
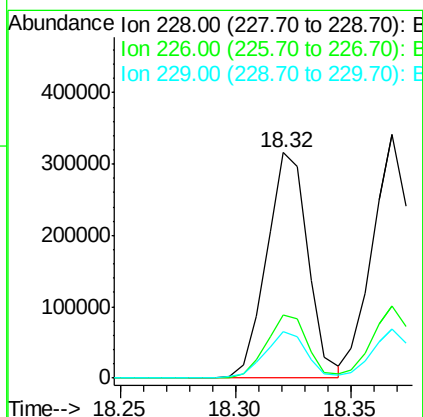
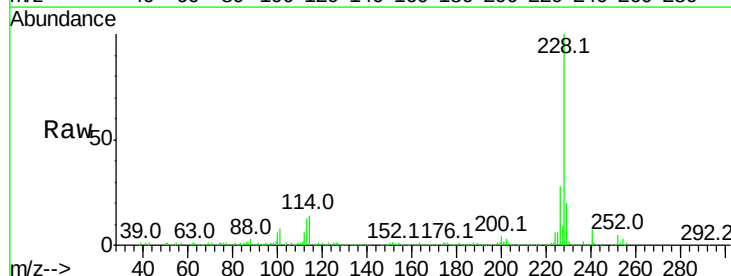
Instrument :
BNA_F
ClientSampled :

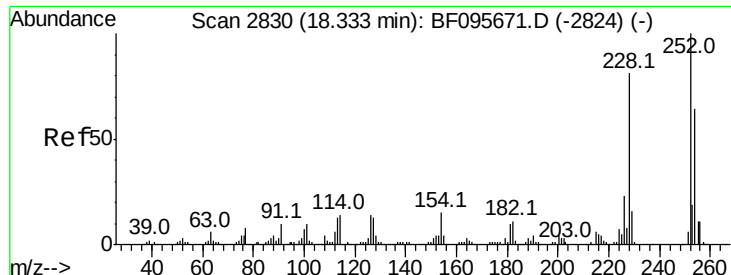
Tot Ion:149 Resp: 202762
Ion Ratio Lower Upper
149 100
91 64.8 45.0 67.4
206 19.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 49.44 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Tgt Ion:228 Resp: 390773
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.4 16.3 24.5

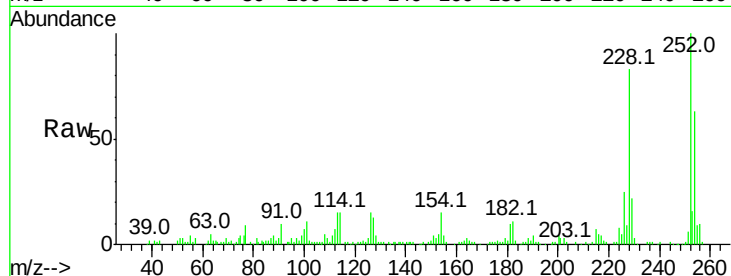




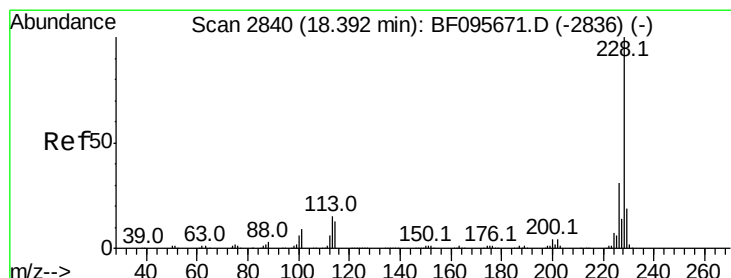
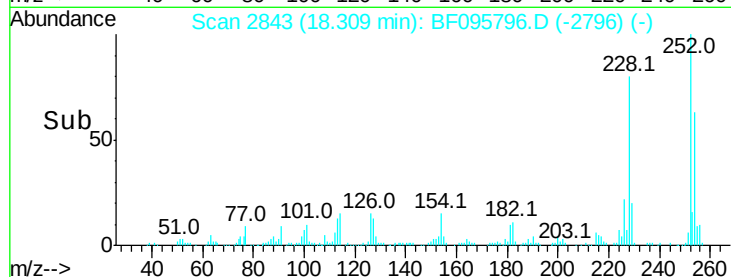
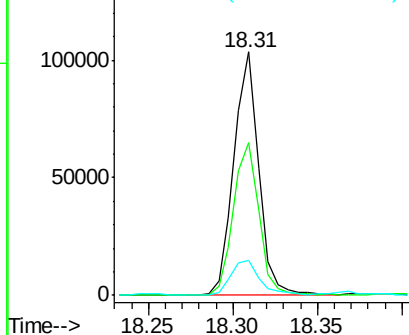
#81
 3,3'-Dichlorobenzidine
 Concen: 37.88 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 106448
 Ion Ratio Lower Upper
 252 100
 254 62.6 51.5 77.3
 126 14.6 15.8 23.8#

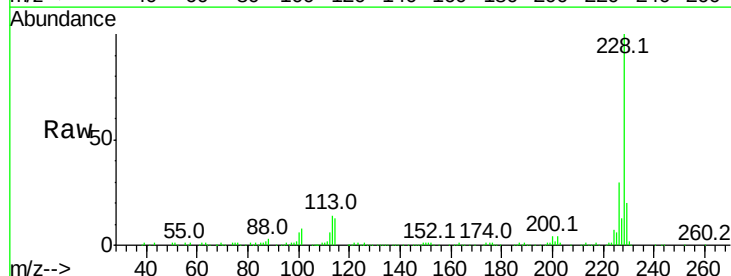


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

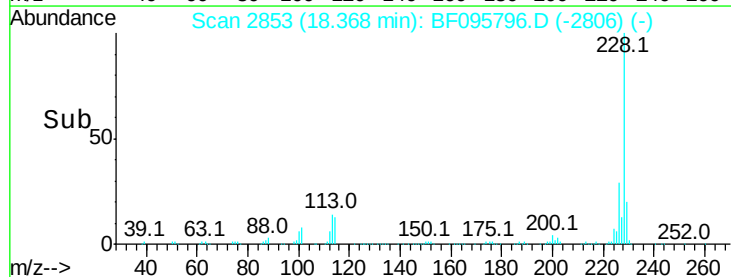
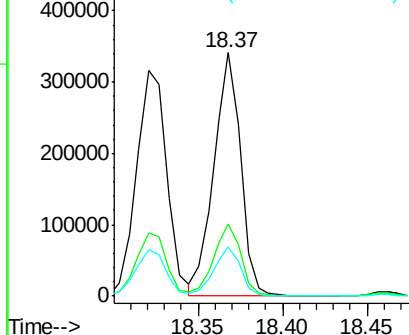


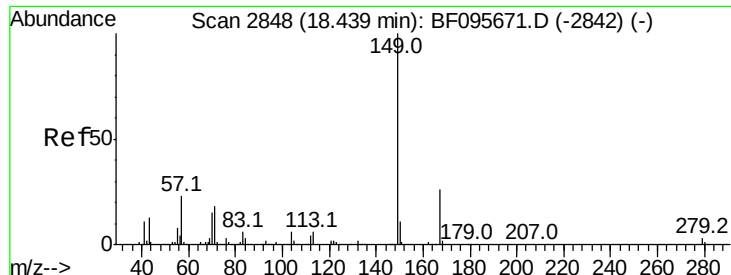
#82
 Chrysene
 Concen: 47.84 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion:228 Resp: 377864
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 20.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

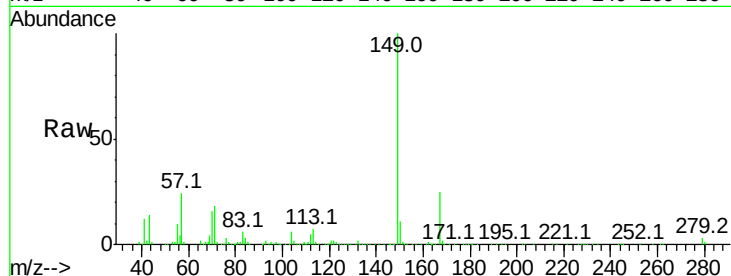




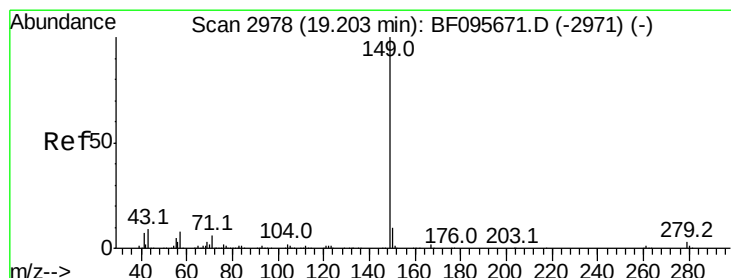
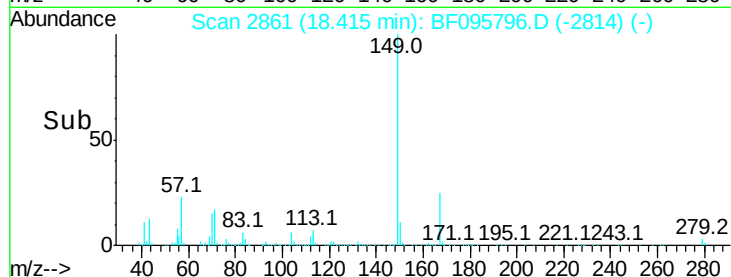
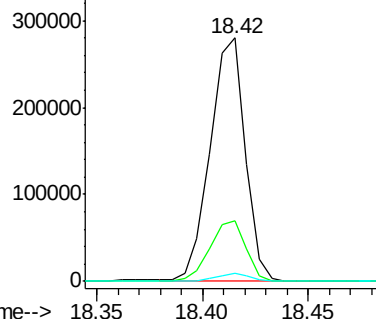
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.36 ng
 RT: 18.42 min Scan# 2861
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 320943
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.0 31.4
 279 3.4 1.9 2.9#

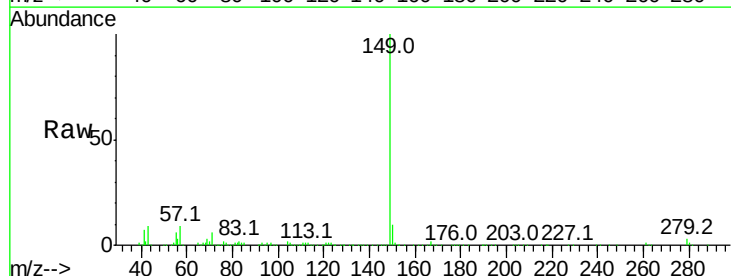


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

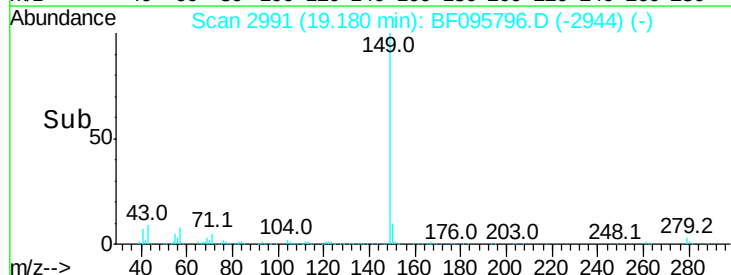
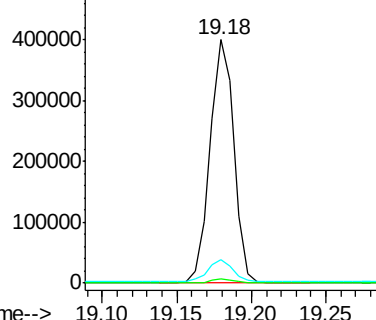


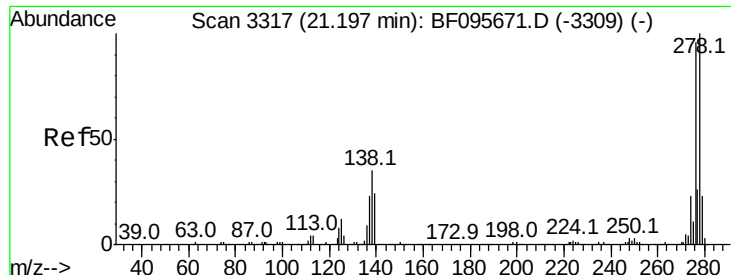
#84
 Di-n-octyl phthalate
 Concen: 43.13 ng
 RT: 19.18 min Scan# 2991
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion:149 Resp: 444110
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 9.2 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

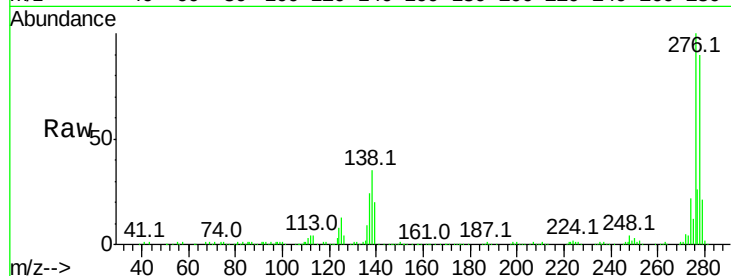




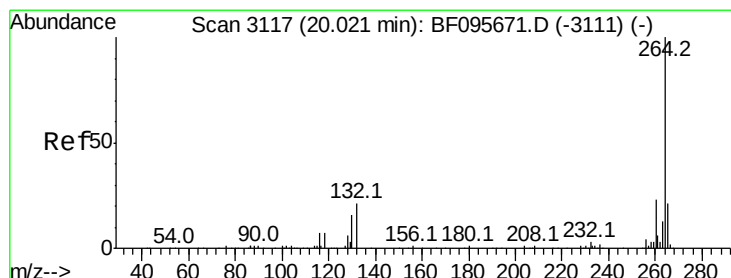
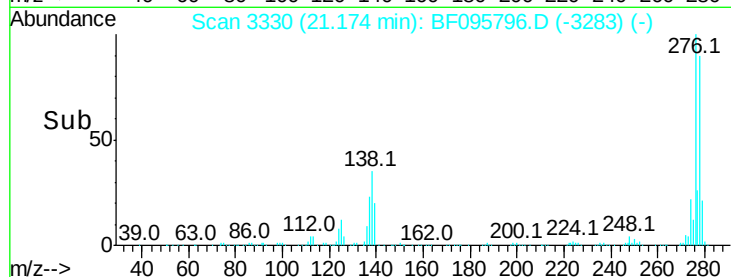
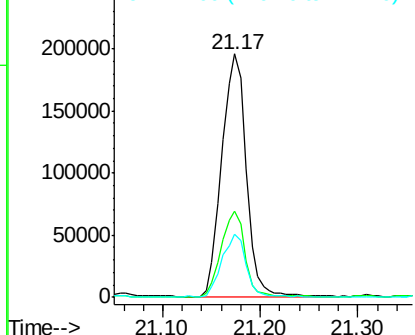
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.28 ng
 RT: 21.17 min Scan# 3330
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	27.8	41.6
277	25.0	20.2	30.4

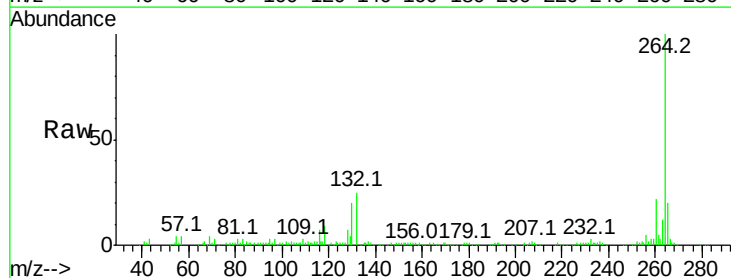


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

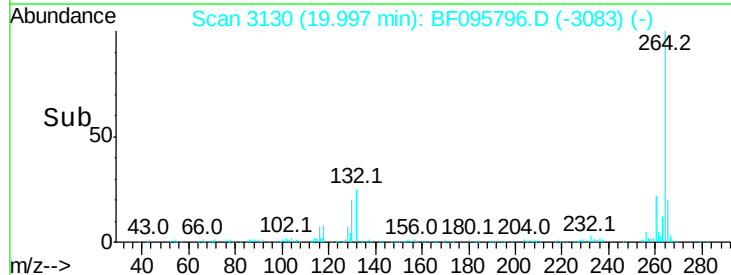
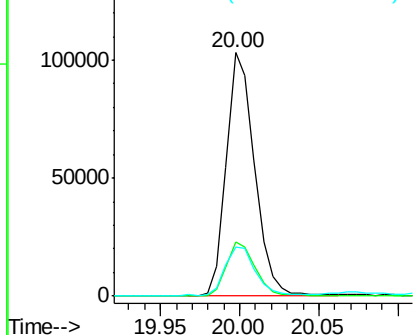


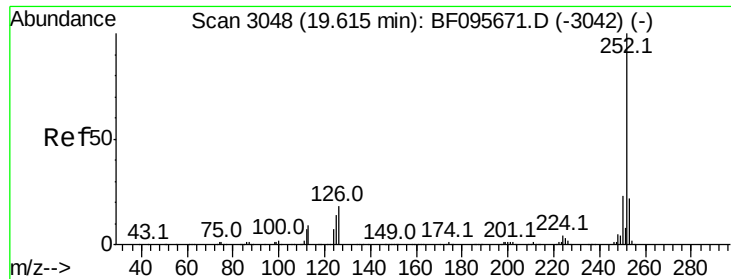
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BF095796.D
 Acq: 8 Jun 2017 22:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	20.3	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: 45.73 ng

RT: 19.60 min Scan# 3062

Delta R.T. -0.02 min

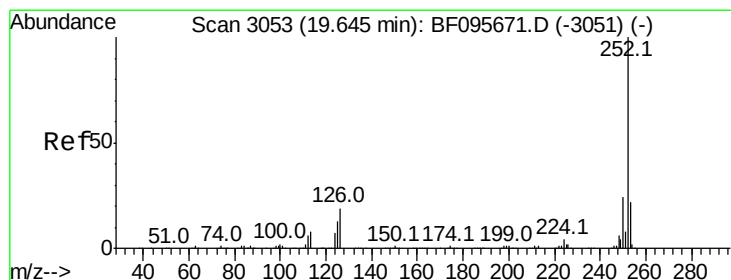
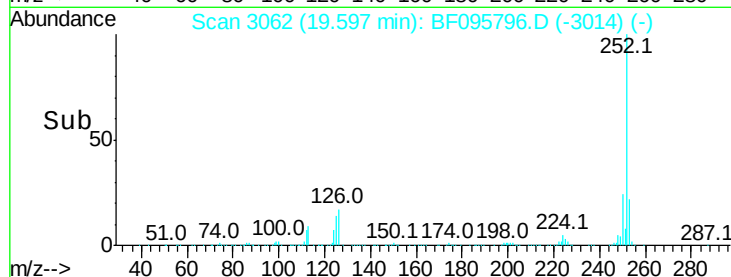
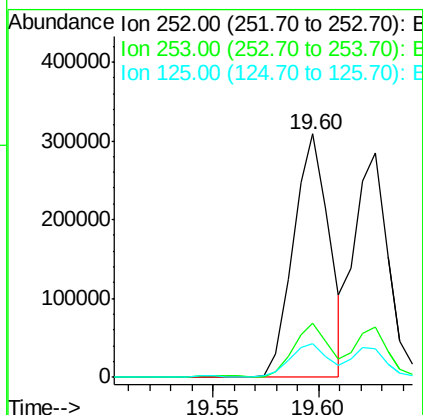
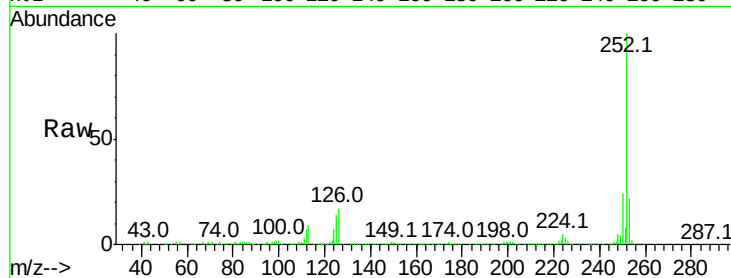
Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 365046

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.9	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 47.84 ng

RT: 19.60 min Scan# 3062

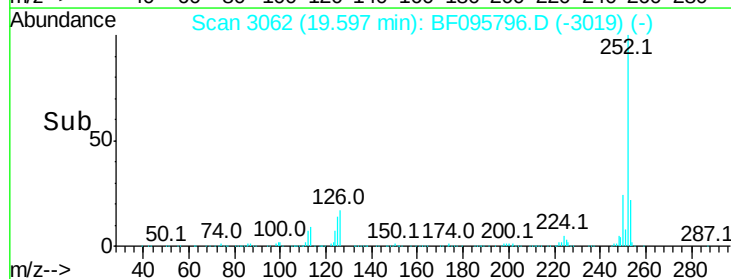
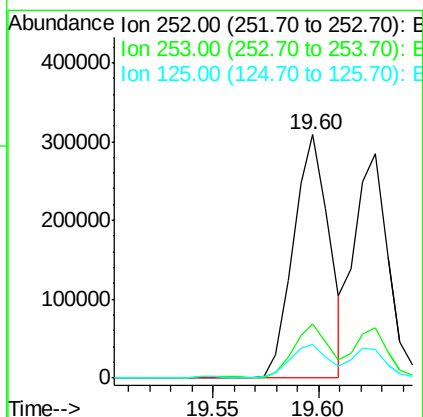
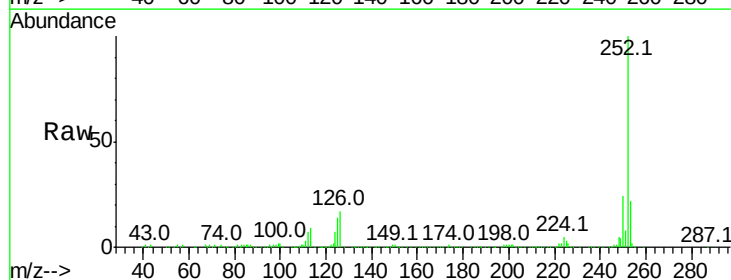
Delta R.T. -0.05 min

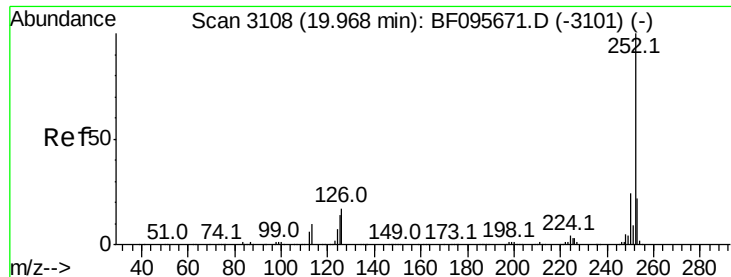
Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Tgt Ion:252 Resp: 365046

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.9	13.1	19.7

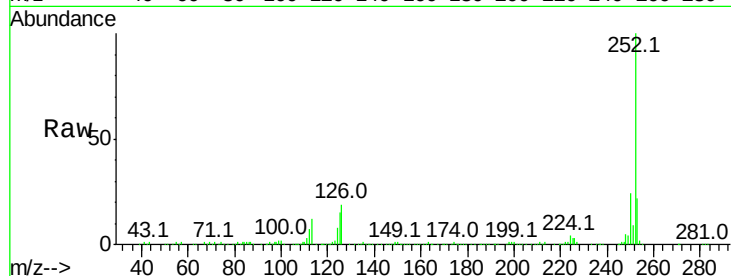




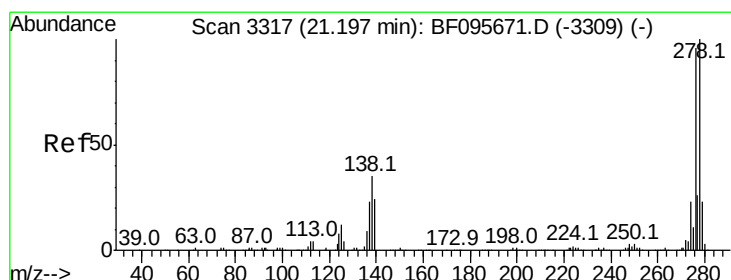
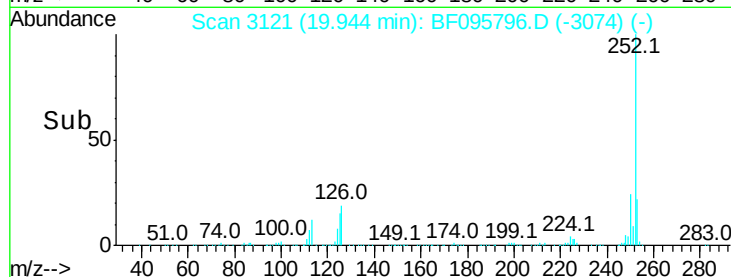
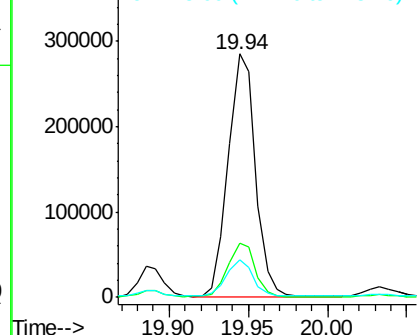
#89
Benzo(a)pyrene
Concen: 46.48 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 341072
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 15.3 11.0 16.4

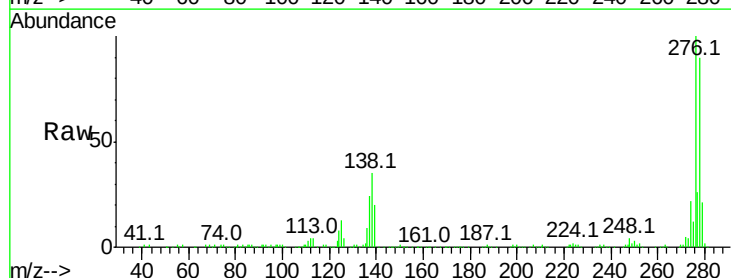


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

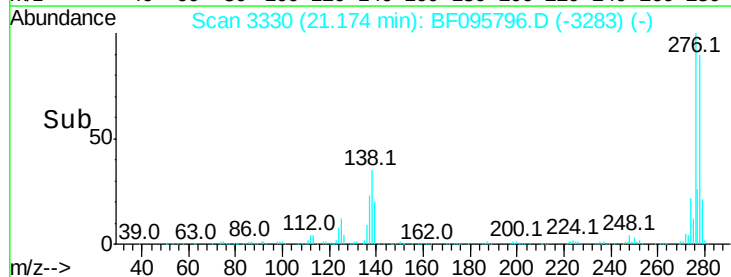
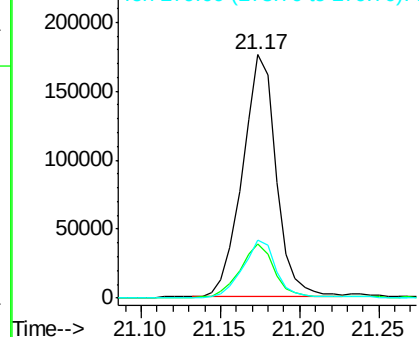


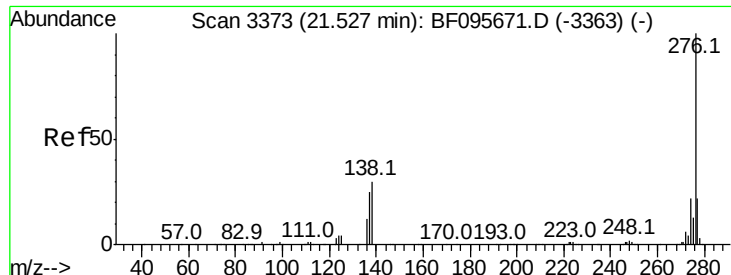
#90
Dibenzo(a,h)anthracene
Concen: 41.75 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095796.D
Acq: 8 Jun 2017 22:06

Tgt Ion:278 Resp: 259864
Ion Ratio Lower Upper
278 100
139 22.5 16.6 24.8
279 23.6 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: 46.25 ng

RT: 21.50 min Scan# 3386

Delta R.T. -0.02 min

Lab File: BF095796.D

Acq: 8 Jun 2017 22:06

Instrument :

BNA_F

ClientSampleId :

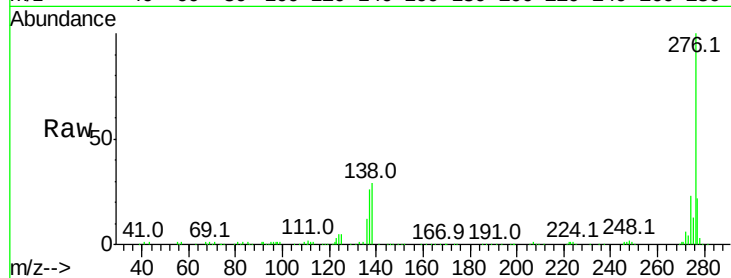
Tot Ion:276 Resp: 293470

Ion Ratio Lower Upper

276 100

277 22.4 18.6 28.0

138 28.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

