

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095800.D
 Acq On : 9 Jun 2017 00:14
 Operator : SJ/MA
 Sample : I3495-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 09 01:28:49 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	72451	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	299812	20.00	ng	-0.03
38) Acenaphthene-d10	12.23	164	134490	20.00	ng	-0.03
63) Phenanthrene-d10	14.62	188	230749	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	146209	20.00	ng	-0.02
86) Perylene-d12	20.00	264	129687	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	653155	143.65	ng	-0.01
7) Phenol-d6	6.95	99	778702	143.06	ng	-0.01
23) Nitrobenzene-d5	8.29	82	444595	92.10	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	145147	121.98	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	684329	70.81	ng	-0.03
78) Terphenyl-d14	16.99	244	470952	79.94	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.75	88	84039	38.85	ng	90
3) Pyridine	2.29	79	210698	41.45	ng	95
4) n-Nitrosodimethylamine	2.27	42	92471	47.85	ng	80
6) Aniline	6.87	93	158285	22.23	ng	97
8) 2-Chlorophenol	7.06	128	248693	51.44	ng	95
9) Benzaldehyde	6.67	77	110135	30.00	ng	98
10) Phenol	6.96	94	317995	56.32	ng	91
11) bis(2-Chloroethyl)ether	7.02	93	214224	47.89	ng	98
12) 1,3-Dichlorobenzene	7.27	146	254668	46.54	ng	99
13) 1,4-Dichlorobenzene	7.39	146	259711	46.80	ng	95
14) 1,2-Dichlorobenzene	7.63	146	246088	48.10	ng	96
15) Benzyl Alcohol	7.67	79	197540	52.87	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.87	45	307581	48.94	ng	97
17) 2-Methylphenol	7.90	107	208513	51.39	ng	97
18) Hexachloroethane	8.15	117	83561	45.59	ng	# 86
19) n-Nitroso-di-n-propylamine	8.11	70	172310	49.95	ng	95
20) 3+4-Methylphenols	8.17	107	271678	52.75	ng	# 58
22) Acetophenone	8.06	105	345806	49.28	ng	# 83
24) Nitrobenzene	8.32	77	242630	47.05	ng	92
25) Isophorone	8.72	82	430698	47.78	ng	95
26) 2-Nitrophenol	8.83	139	135413	50.15	ng	99
27) 2,4-Dimethylphenol	8.99	122	218476	52.13	ng	98
28) bis(2-Chloroethoxy)methane	9.10	93	286573	48.23	ng	100
29) 2,4-Dichlorophenol	9.26	162	204816	50.75	ng	99
30) 1,2,4-Trichlorobenzene	9.33	180	196240	46.73	ng	98
31) Naphthalene	9.43	128	699026	46.46	ng	100
32) Benzoic acid	9.28	122	23593	13.16	ng	91
33) 4-Chloroaniline	9.60	127	95531	16.24	ng	# 91
34) Hexachlorobutadiene	9.66	225	98081	45.20	ng	98
35) Caprolactam	10.23	113	33808	28.15	ng	# 83
36) 4-Chloro-3-methylphenol	10.47	107	207833	49.19	ng	91
37) 2-Methylnaphthalene	10.56	142	465488	45.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	180776	44.91	ng	99
40) Hexachlorocyclopentadiene	10.82	237	51302	46.19	ng	99

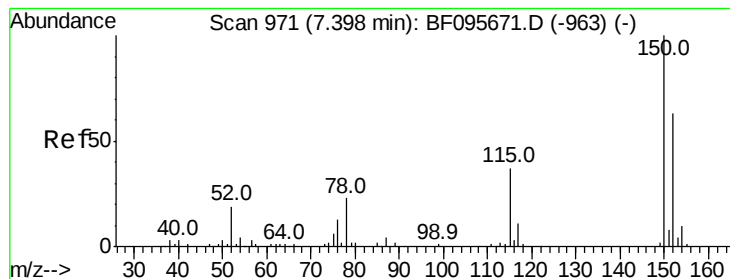
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	128347	49.59	nq	99
43) 2,4,5-Trichlorophenol	11.16	196	131346	47.72	nq	# 93
45) 1,1'-Biphenyl	11.33	154	509964	46.01	nq	97
46) 2-Chloronaphthalene	11.35	162	395718	45.69	nq	96
47) 2-Nitroaniline	11.57	65	121436	47.91	nq	# 81
48) Acenaphthylene	12.00	152	647365	43.71	nq	98
49) Dimethylphthalate	11.89	163	618320	60.55	nq	100
50) 2,6-Dinitrotoluene	11.99	165	104914	47.10	nq	# 80
51) Acenaphthene	12.28	154	376500	44.02	nq	98
52) 3-Nitroaniline	12.24	138	67521	26.02	nq	89
53) 2,4-Dinitrophenol	12.47	184	29407	27.91	nq	# 71
54) Dibenzofuran	12.57	168	579413	48.13	nq	97
55) 4-Nitrophenol	12.64	139	140494	91.99	nq	# 70
56) 2,4-Dinitrotoluene	12.65	165	143689	47.76	nq	# 86
57) Fluorene	13.12	166	468584	44.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.82	232	104382	55.42	nq	# 90
59) Diethylphthalate	13.04	149	460777	46.89	nq	99
60) 4-Chlorophenyl-phenylether	13.15	204	201068	44.14	nq	89
61) 4-Nitroaniline	13.25	138	98407	40.62	nq	95
62) Azobenzene	13.40	77	421764	47.36	nq	95
64) 4,6-Dinitro-2-methylphenol	13.33	198	48088	31.71	nq	# 72
65) n-Nitrosodiphenylamine	13.36	169	394954	47.63	nq	99
66) 4-Bromophenyl-phenylether	13.93	248	113853	47.48	nq	99
67) Hexachlorobenzene	14.02	284	109742	46.44	nq	# 92
68) Atrazine	14.29	200	117485	50.91	nq	95
69) Pentachlorophenol	14.37	266	80056	88.57	nq	99
70) Phenanthrene	14.66	178	901971	67.75	nq	99
71) Anthracene	14.74	178	673280	48.44	nq	97
72) Carbazole	15.04	167	603481	44.55	nq	97
73) Di-n-butylphthalate	15.63	149	699127	48.51	nq	98
74) Fluoranthene	16.44	202	986580	74.87	nq	98
76) Benzidine	16.66	184	176795	31.48	nq	# 92
77) Pyrene	16.74	202	909263	83.35	nq	98
79) Butylbenzylphthalate	17.66	149	254423	53.40	nq	88
80) Benzo(a)anthracene	18.33	228	546790	64.32	nq	99
81) 3,3'-Dichlorobenzidine	18.31	252	104443	34.56	nq	# 96
82) Chrysene	18.37	228	516655	60.82	nq	98
83) Bis(2-ethylhexyl)phthalate	18.42	149	384629	57.23	nq	# 99
84) Di-n-octyl phthalate	19.18	149	560442	50.61	nq	96
85) Indeno(1,2,3-cd)pyrene	21.18	276	392516	54.00	nq	99
87) Benzo(b)fluoranthene	19.60	252	547675	67.44	nq	97
88) Benzo(k)fluoranthene	19.63	252	380195	48.98	nq	96
89) Benzo(a)pyrene	19.95	252	452077	60.57	nq	100
90) Dibenzo(a,h)anthracene	21.18	278	281427	44.45	nq	98
91) Benzo(g,h,i)perylene	21.50	276	339597	52.61	nq	99

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

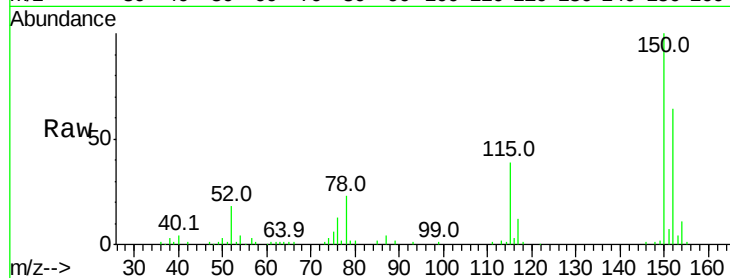


#1

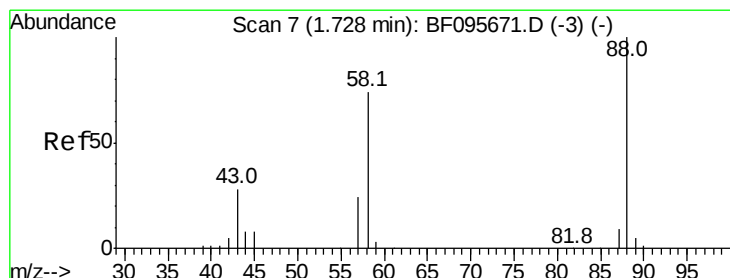
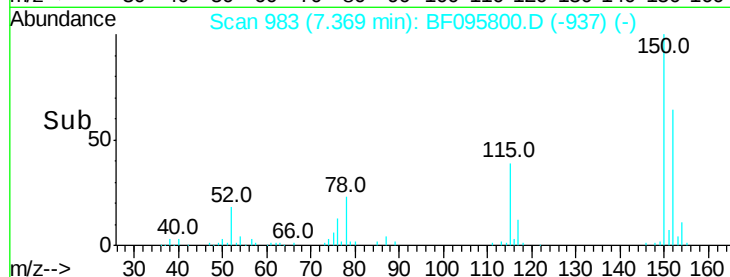
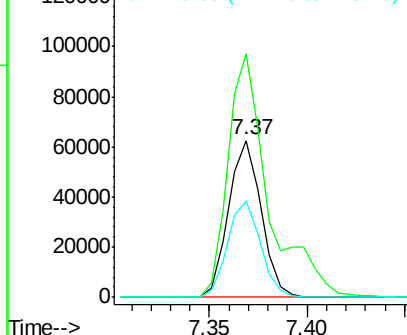
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72451
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 61.2 52.2 78.2



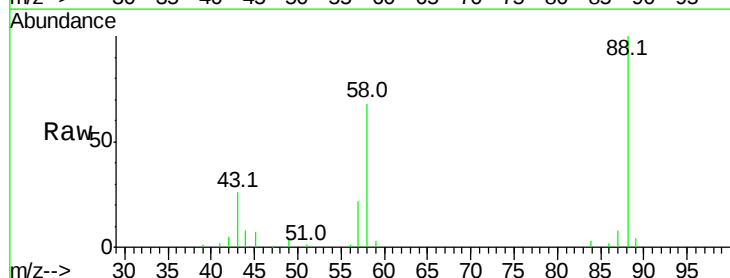
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



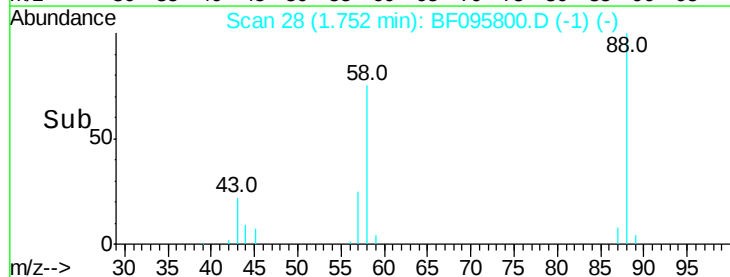
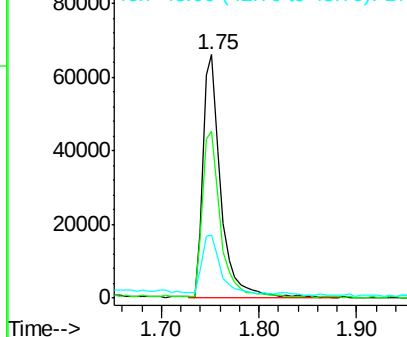
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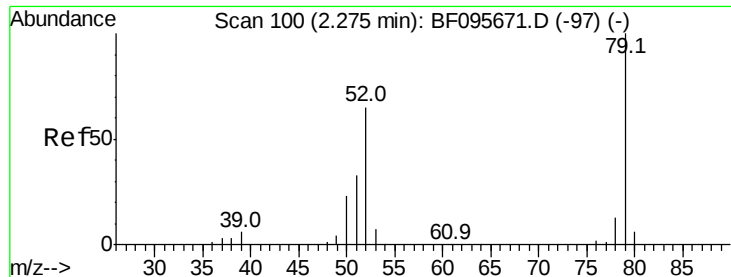
1,4-Dioxane
Concen: 38.85 ng
RT: 1.75 min Scan# 28
Delta R.T. 0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion: 88 Resp: 84039
Ion Ratio Lower Upper
88 100
58 67.6 61.4 92.0
43 23.8 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



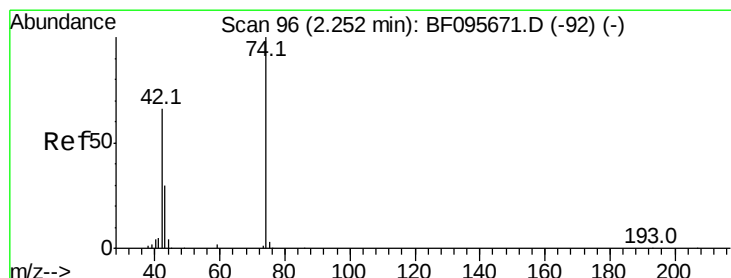
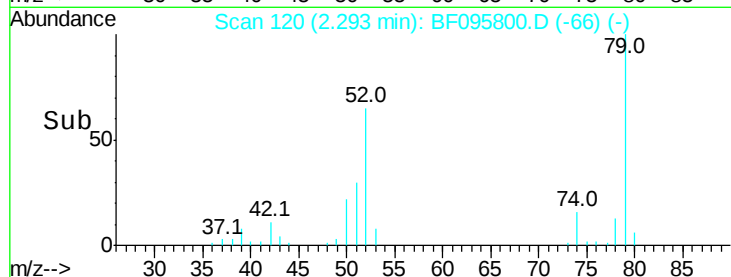
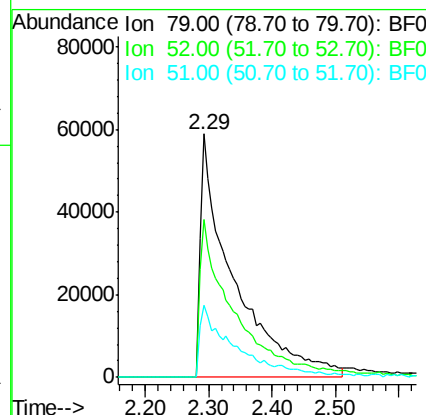
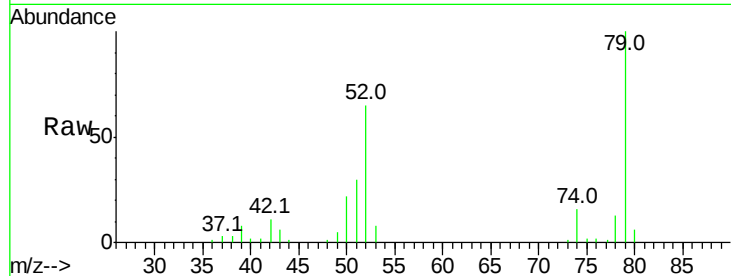


#3
 Pvridine
 Concen: 41.45 ng
 RT: 2.29 min Scan# 120
 Delta R.T. 0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 210698

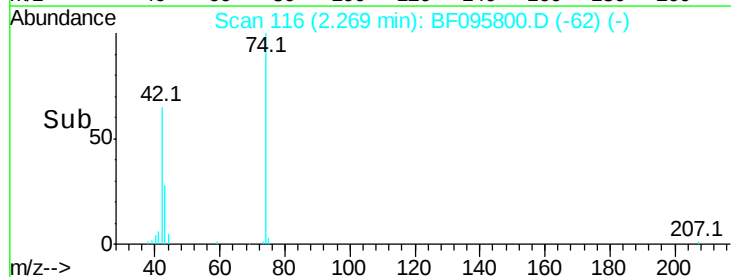
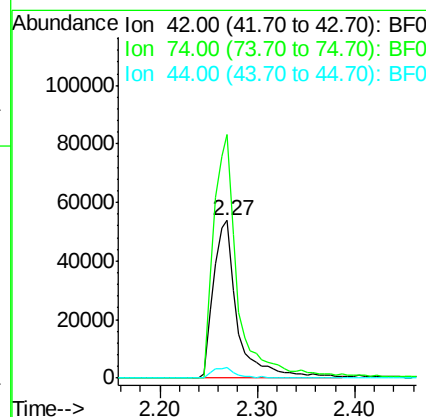
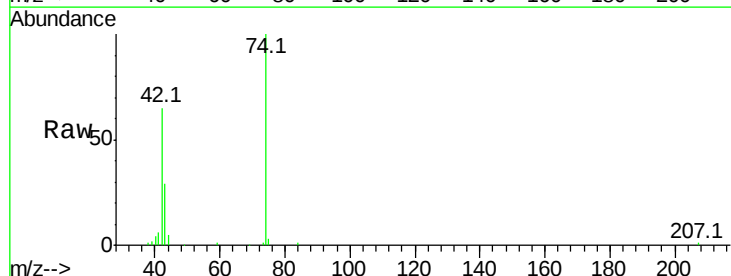
Ion	Ratio	Lower	Upper
79	100		
52	64.6	54.8	82.2
51	29.8	27.0	40.4

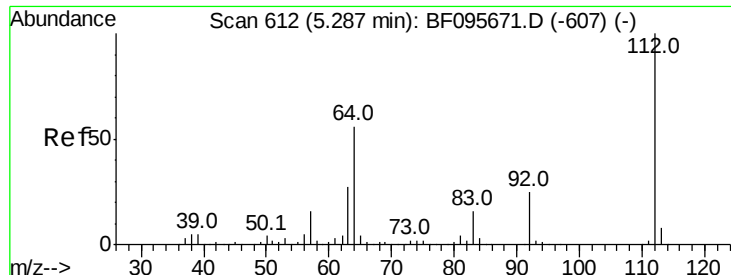


#4
 n-Nitrosodimethylamine
 Concen: 47.85 ng
 RT: 2.27 min Scan# 116
 Delta R.T. 0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion: 42 Resp: 92471

Ion	Ratio	Lower	Upper
42	100		
74	154.5	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 143.65 ng

RT: 5.27 min Scan# 627

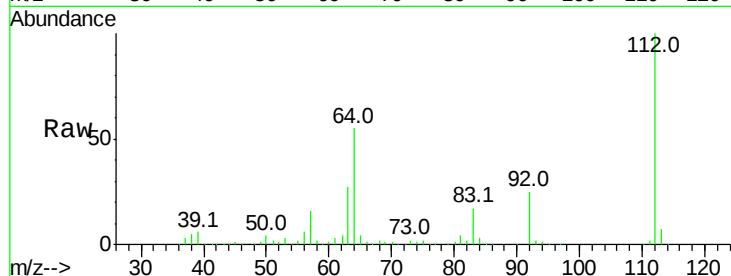
Delta R.T. -0.01 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :
BNA_F
ClientSampleId :

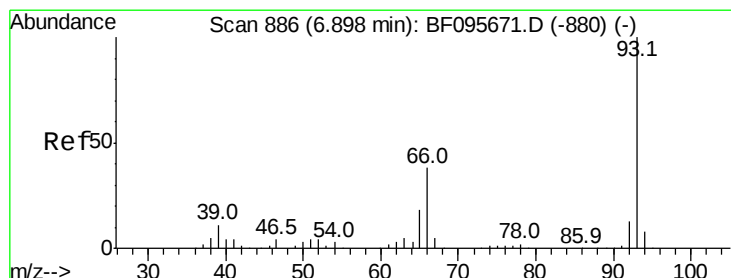
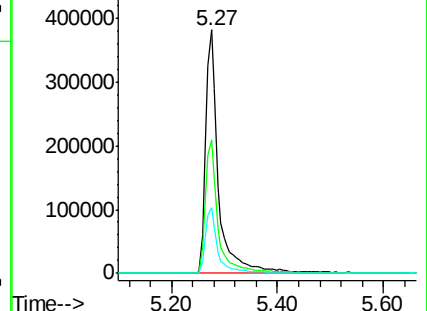
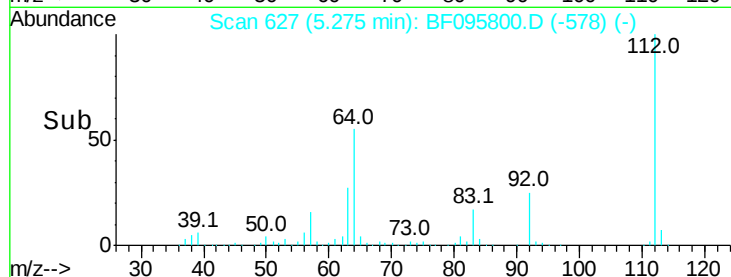
Tot Ion:	112	Resp:	653155
Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	27.1	23.4	35.0



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: 22.23 ng

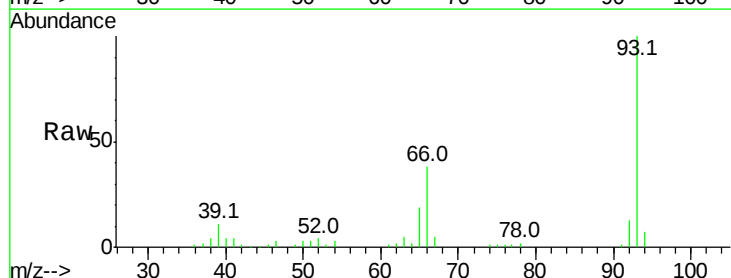
RT: 6.87 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

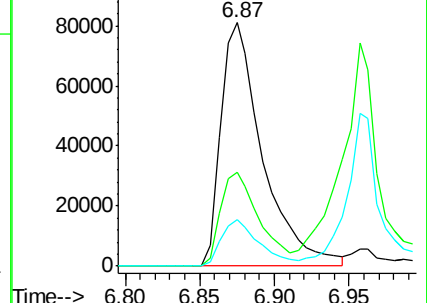
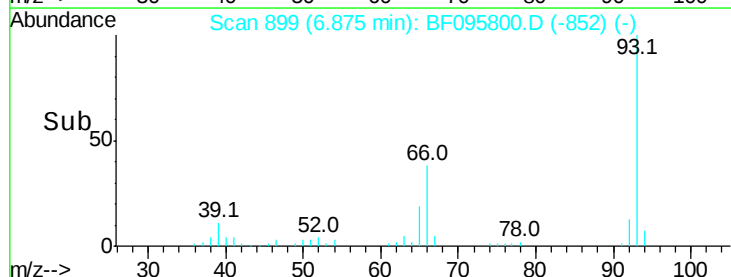
Tgt Ion:	93	Resp:	158285
Ion	Ratio	Lower	Upper
93	100		
66	38.5	32.9	49.3
65	19.4	16.0	24.0

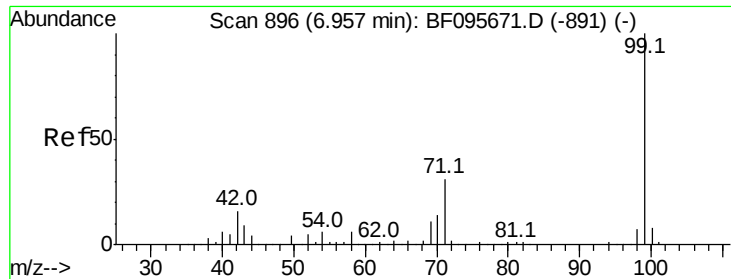


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 143.06 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampled :

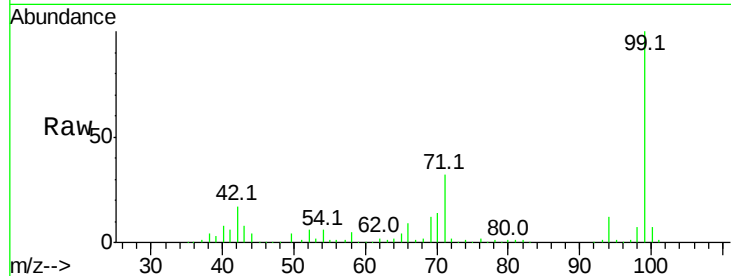
Tot Ion: 99 Resp: 778702

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

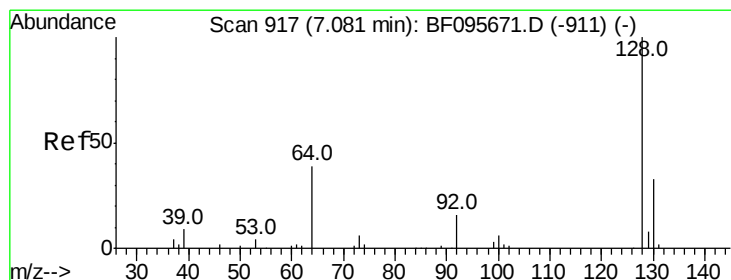
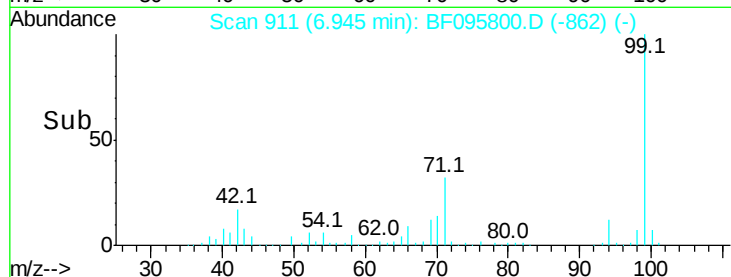
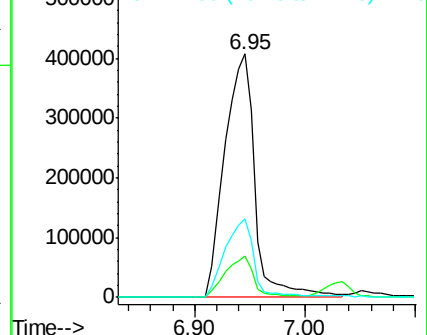
71 32.1 24.5 36.7



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: 51.44 ng

RT: 7.06 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

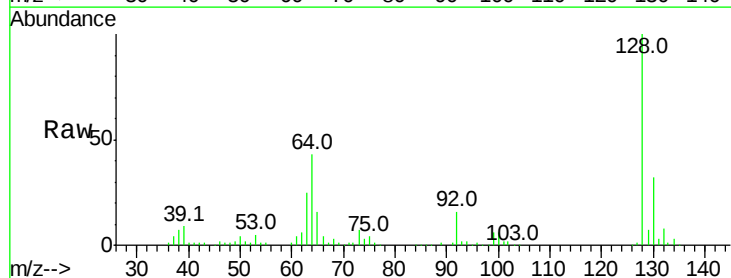
Tgt Ion: 128 Resp: 248693

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

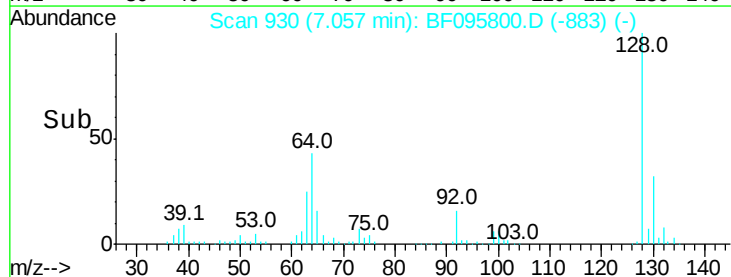
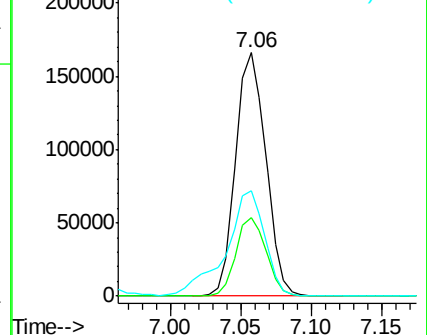
64 43.3 28.4 68.4

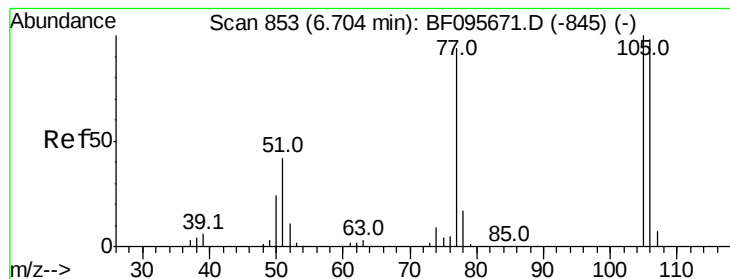


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.00 ng

RT: 6.67 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

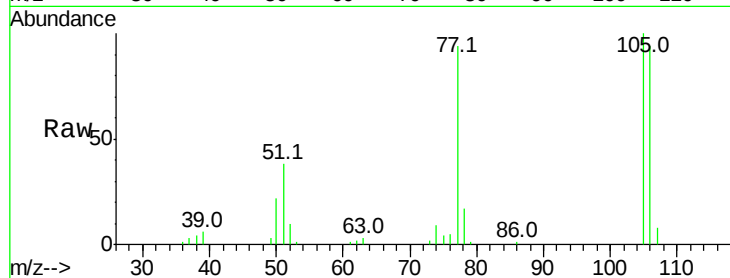
Tot Ion: 77 Resp: 110135

Ion Ratio Lower Upper

77 100

105 106.4 83.8 123.8

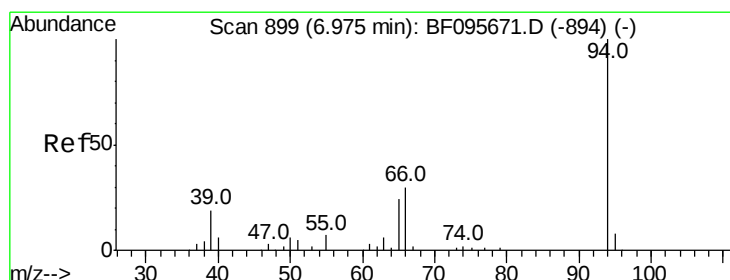
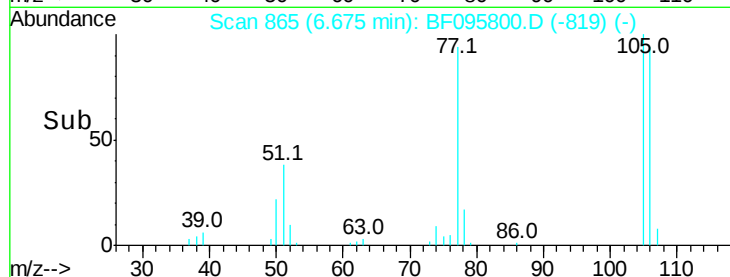
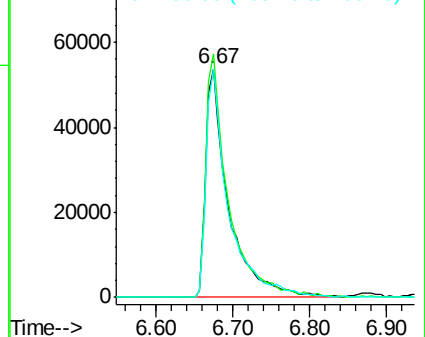
106 99.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 56.32 ng

RT: 6.96 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

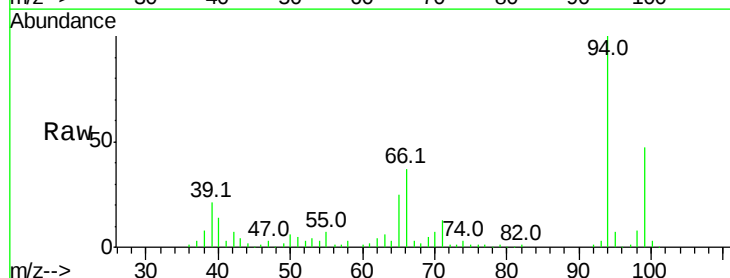
Tgt Ion: 94 Resp: 317995

Ion Ratio Lower Upper

94 100

65 25.5 9.9 49.9

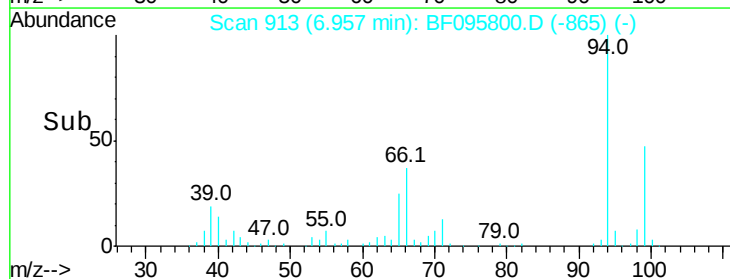
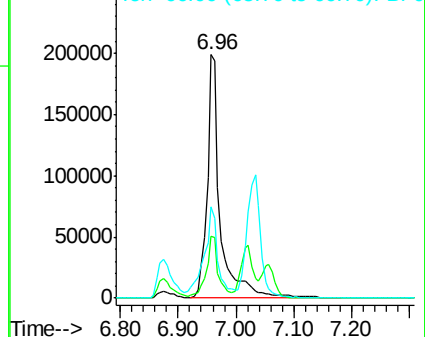
66 37.2 23.1 63.1

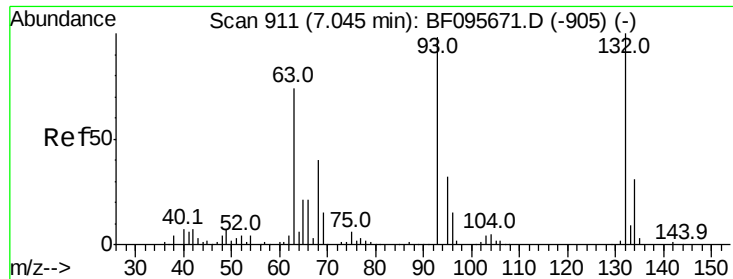


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

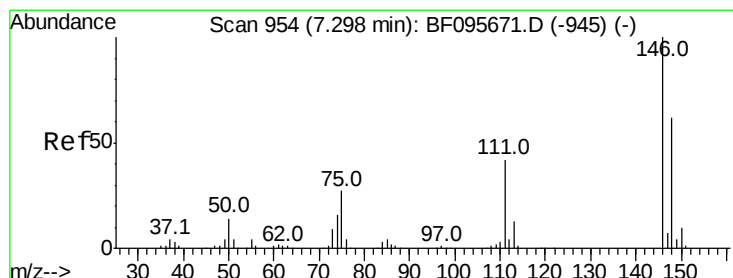
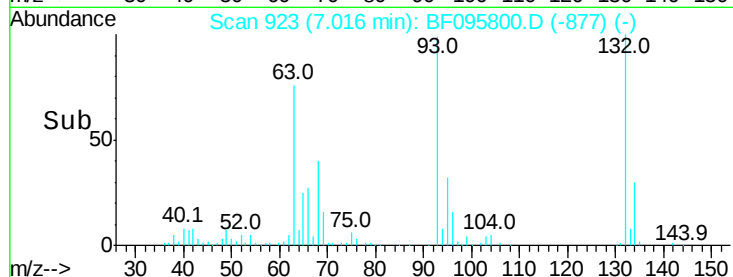
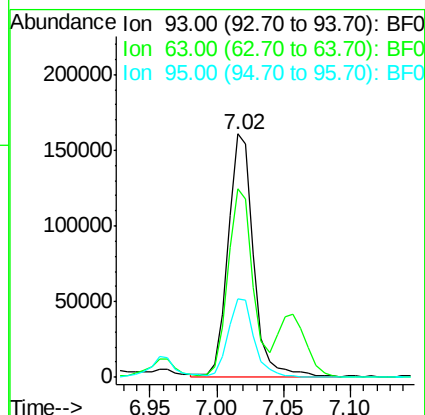
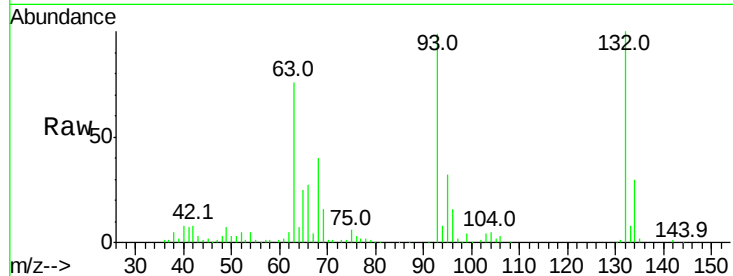




#11
bis(2-Chloroethyl)ether
Concen: 47.89 ng
RT: 7.02 min Scan# 923
Delta R.T. -0.03 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

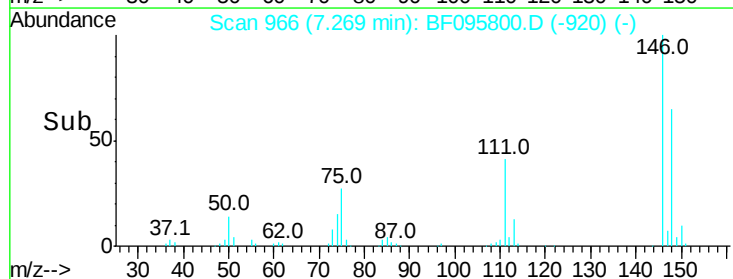
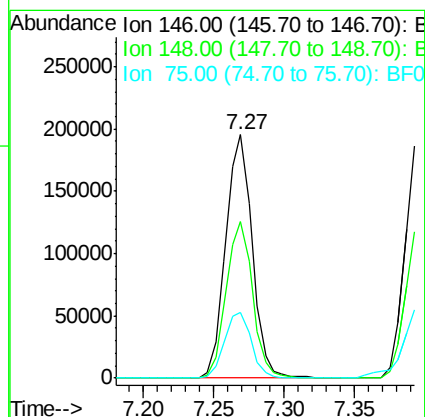
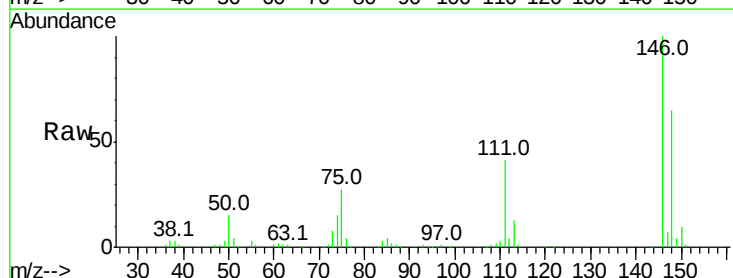
Instrument :
BNA_F
ClientSampleId :

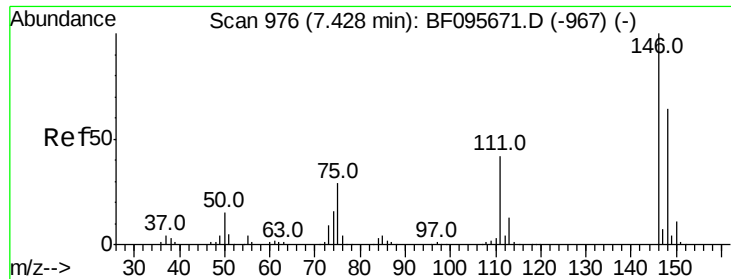
Tot Ion: 93 Resp: 214224
Ion Ratio Lower Upper
93 100
63 77.6 59.2 99.2
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.54 ng
RT: 7.27 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion: 146 Resp: 254668
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 26.9 23.1 34.7

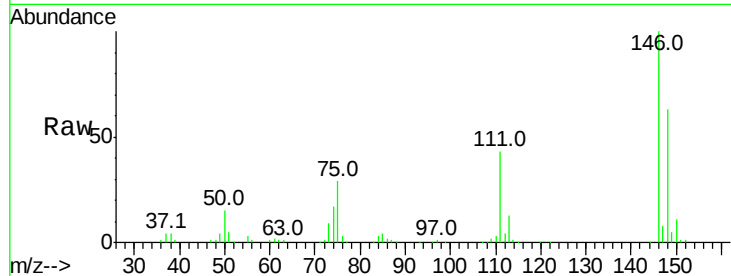




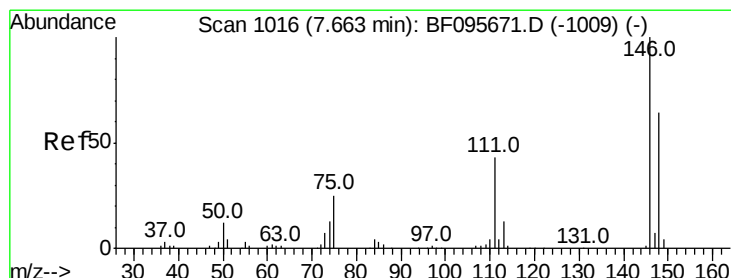
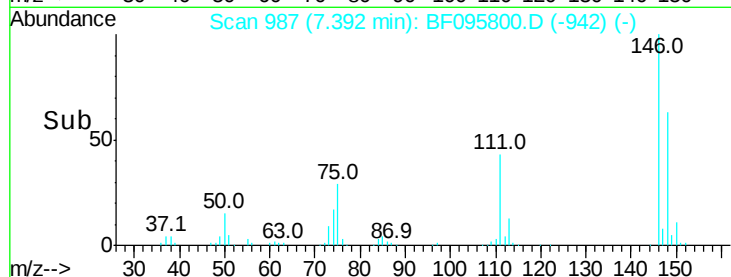
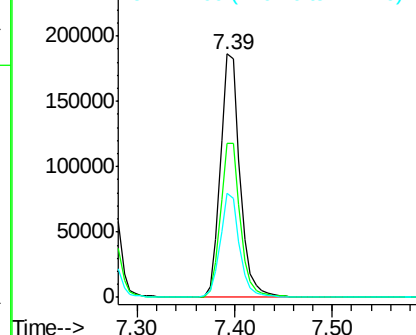
#13
 1,4-Dichlorobenzene
 Concen: 46.80 ng
 RT: 7.39 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 259711
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 42.8 30.3 45.5

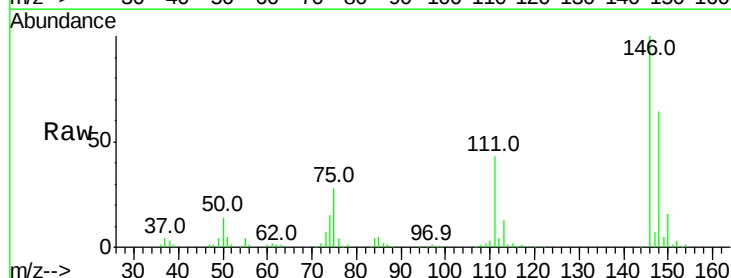


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

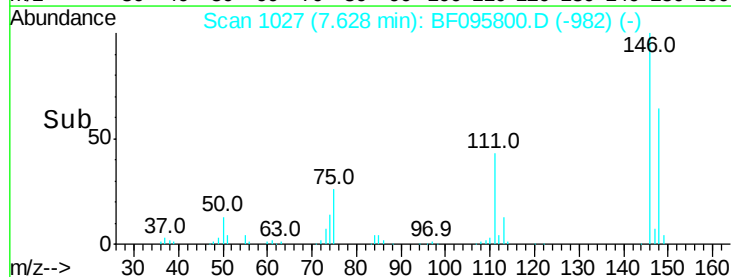
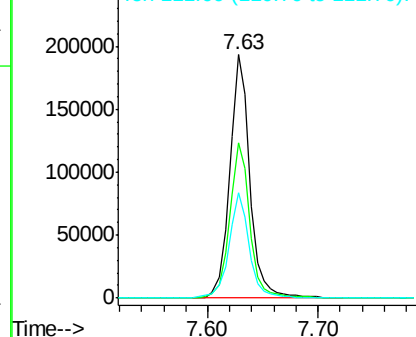


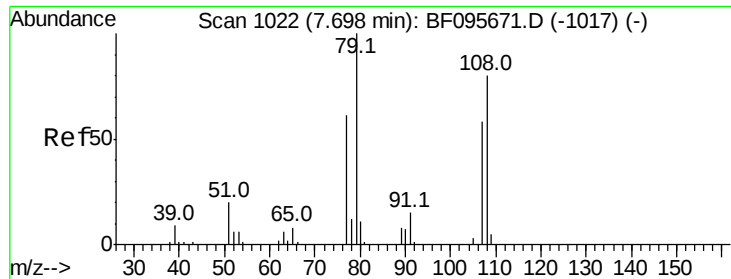
#14
 1,2-Dichlorobenzene
 Concen: 48.10 ng
 RT: 7.63 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion:146 Resp: 246088
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 43.1 38.2 57.4



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

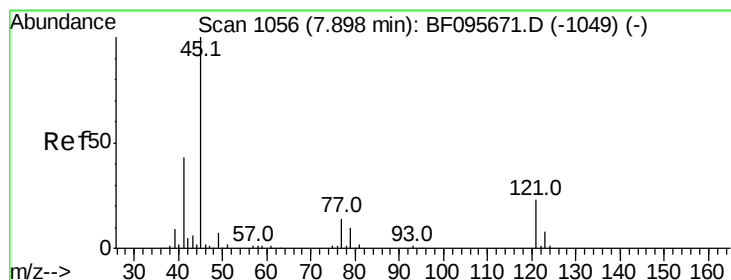
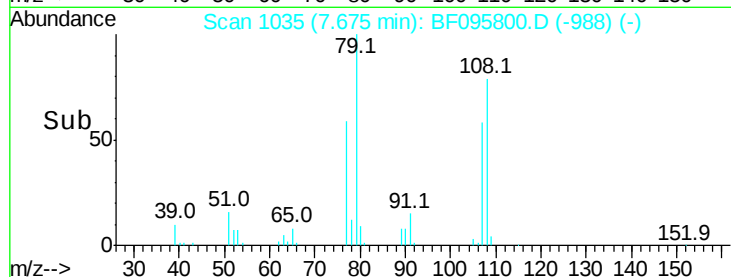
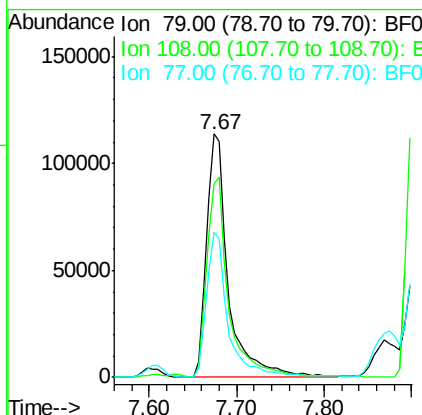
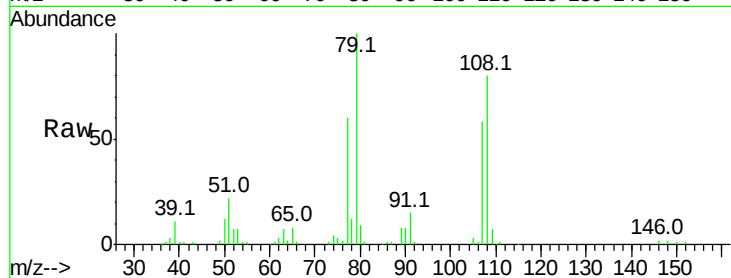




#15
Benzyl Alcohol
Concen: 52.87 ng
RT: 7.67 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

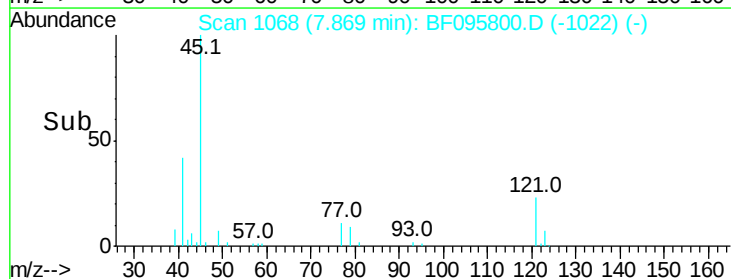
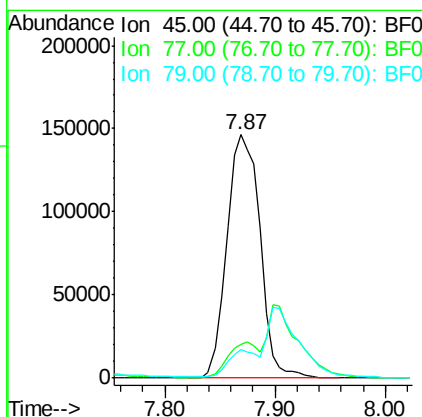
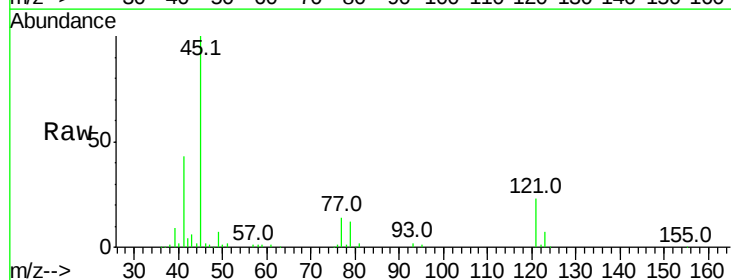
Instrument :
BNA_F
ClientSampleId :

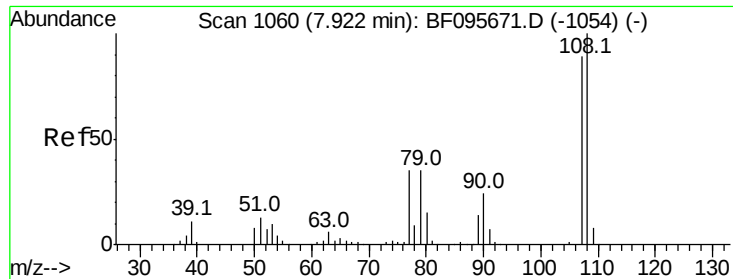
Tot Ion: 79 Resp: 197540
Ion Ratio Lower Upper
79 100
108 79.8 63.4 95.0
77 59.7 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.94 ng
RT: 7.87 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion: 45 Resp: 307581
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.2
79 11.8 0.0 30.0

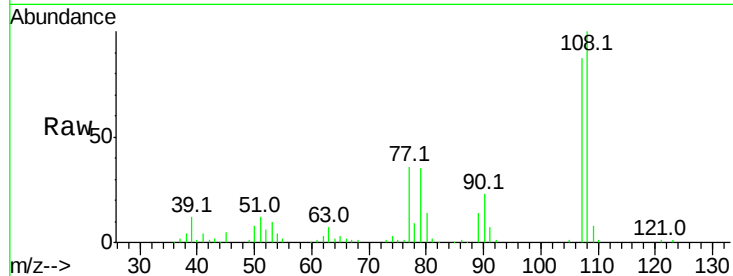




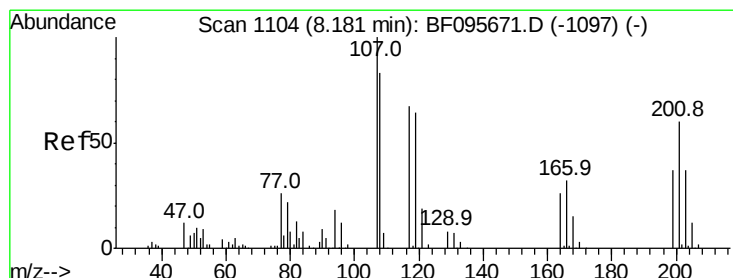
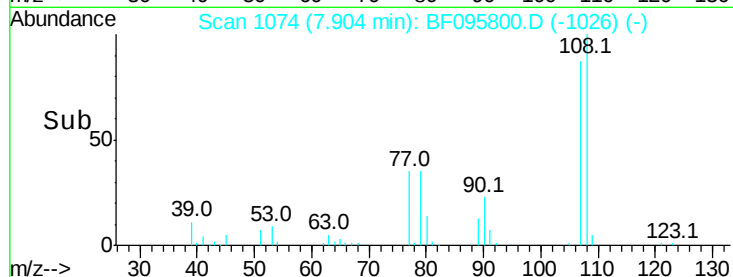
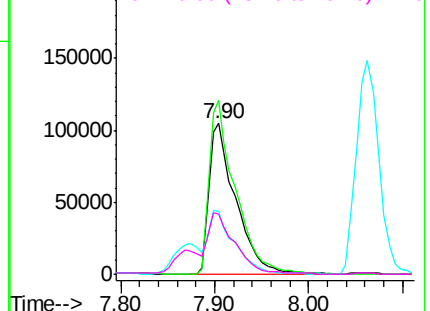
#17
2-Methylphenol
Concen: 51.39 ng
RT: 7.90 min Scan# 1074
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 208513
Ion Ratio Lower Upper
107 100
108 115.1 93.4 140.0
77 41.3 35.8 53.6
79 40.0 34.8 52.2

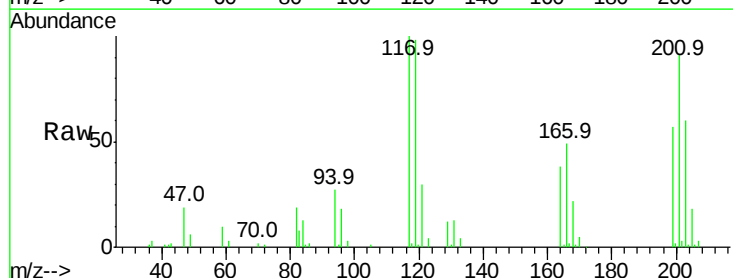


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

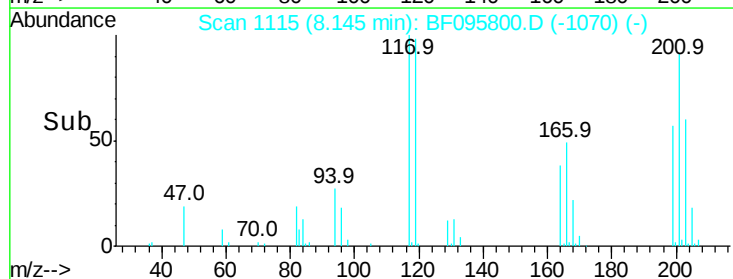
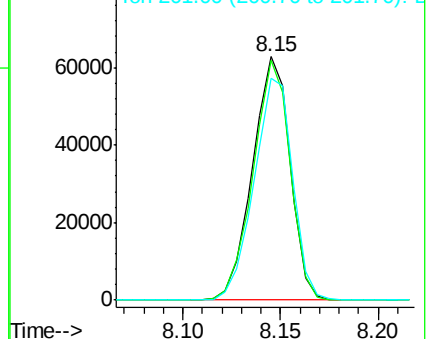


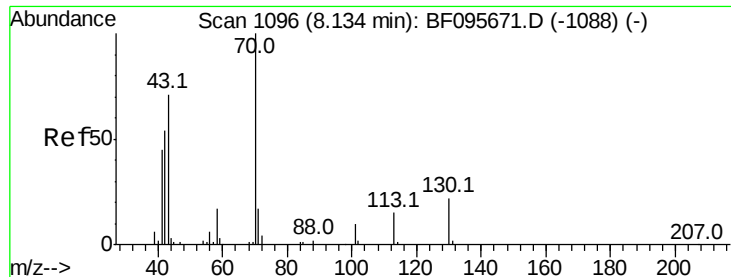
#18
Hexachloroethane
Concen: 45.59 ng
RT: 8.15 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion:117 Resp: 83561
Ion Ratio Lower Upper
117 100
119 98.3 77.4 116.0
201 91.2 94.6 141.8#



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

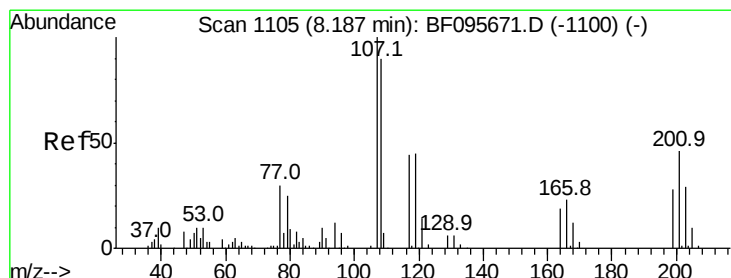
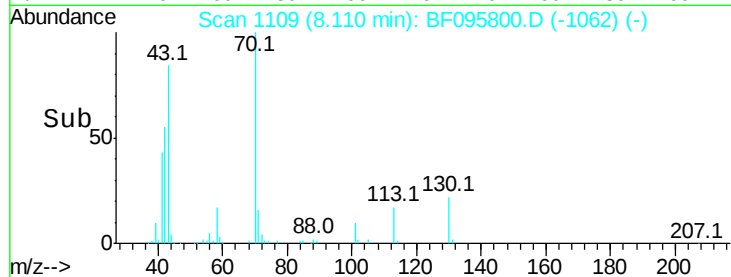
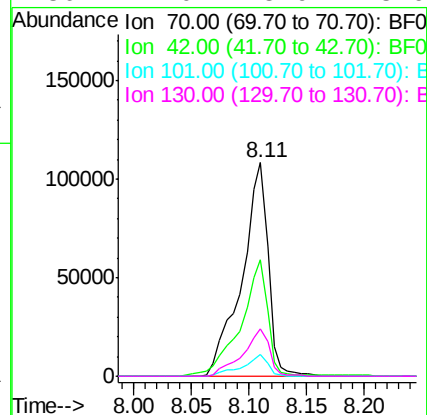
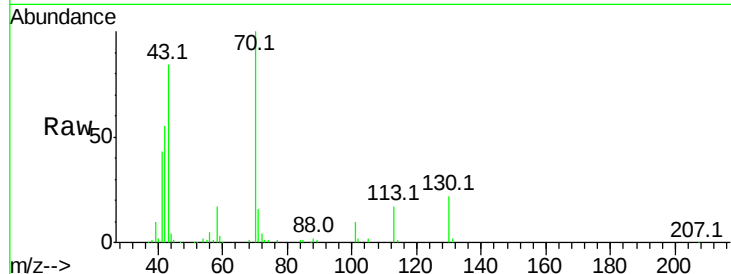




#19
n-Nitroso-di-n-propylamine
Concen: 49.95 ng
RT: 8.11 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

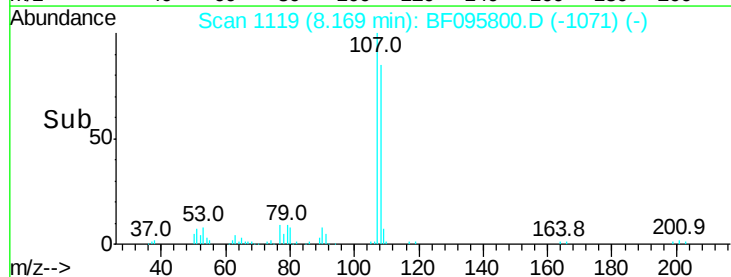
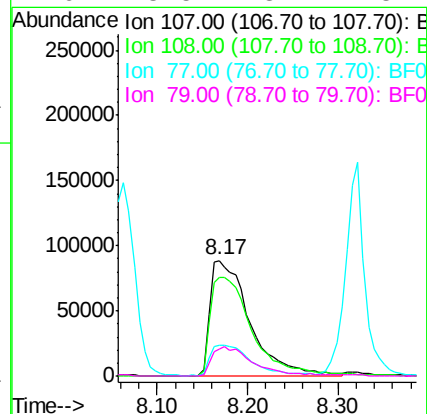
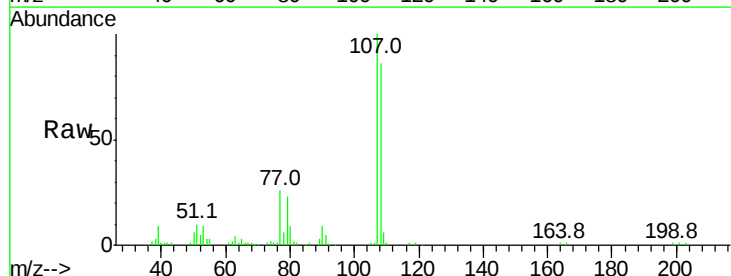
Instrument :
BNA_F
ClientSampleId :

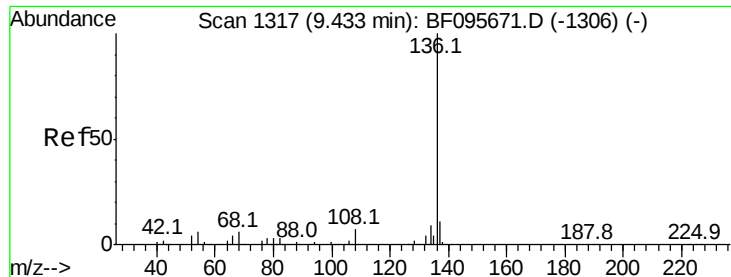
Tot Ion: 70 Resp: 172310
Ion Ratio Lower Upper
70 100
42 54.6 47.2 70.8
101 10.4 7.2 10.8
130 22.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 52.75 ng
RT: 8.17 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion: 107 Resp: 271678
Ion Ratio Lower Upper
107 100
108 85.7 71.0 111.0
77 26.2 90.5 130.5#
79 23.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 299812

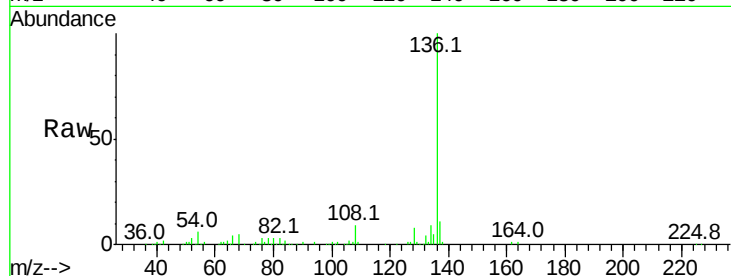
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

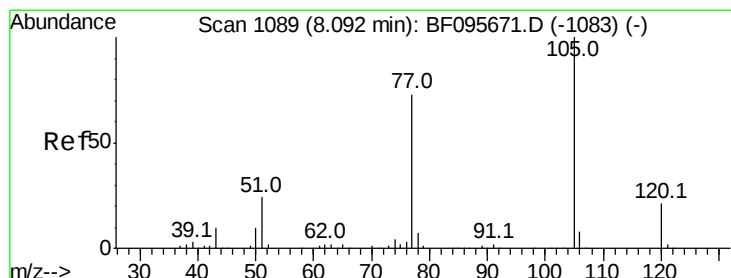
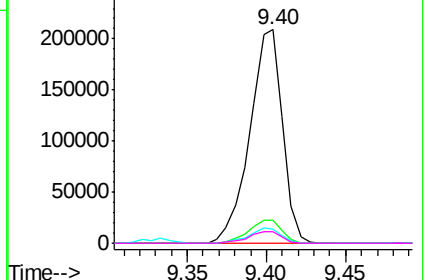
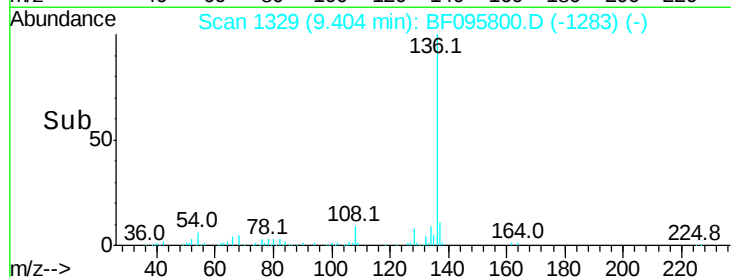


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.28 ng

RT: 8.06 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Tgt Ion:105 Resp: 345806

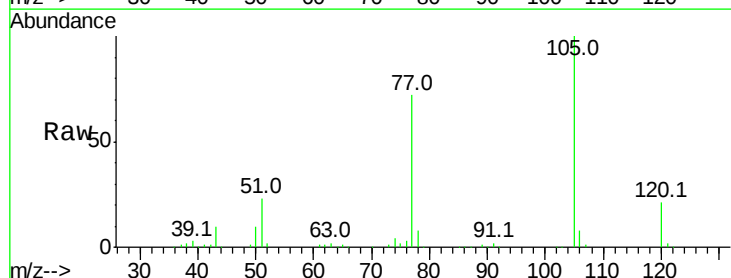
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.7 30.7 46.1#

120 20.6 17.4 26.0

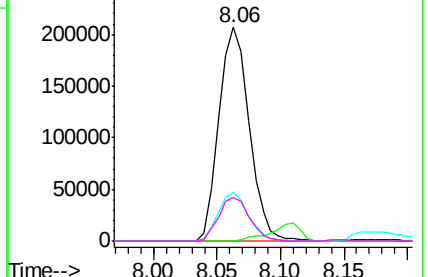
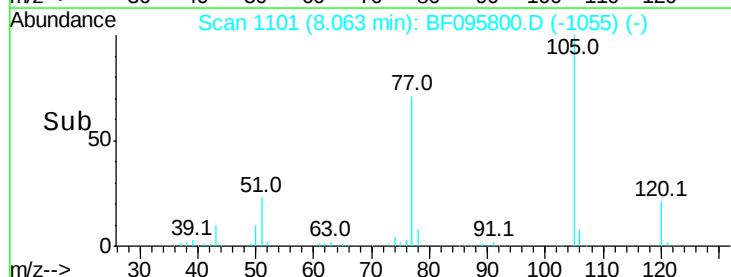


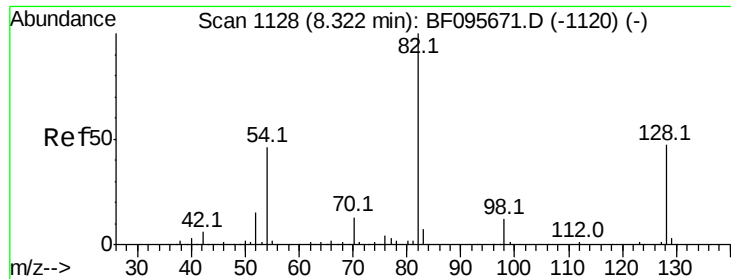
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

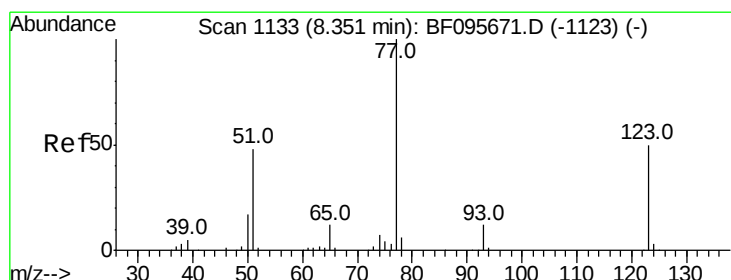
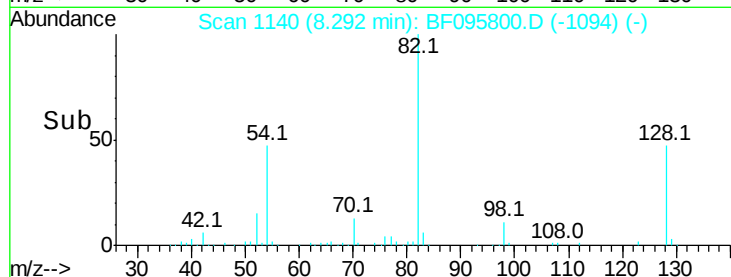
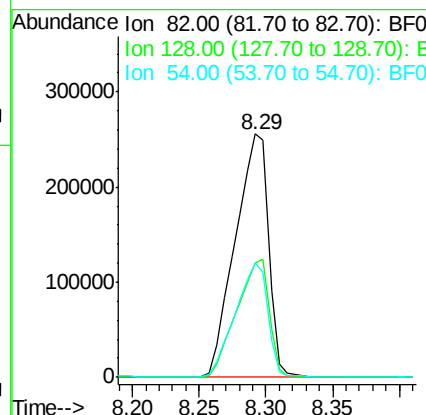
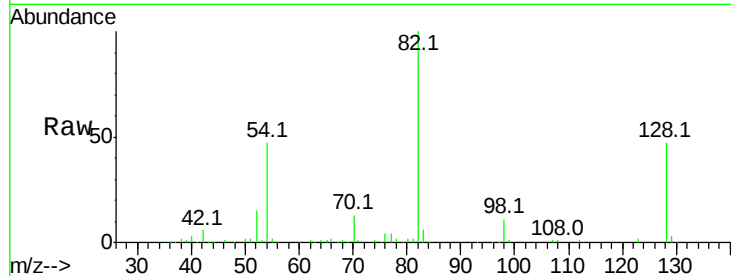




#23
 Nitrobenzene-d5
 Concen: 92.10 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

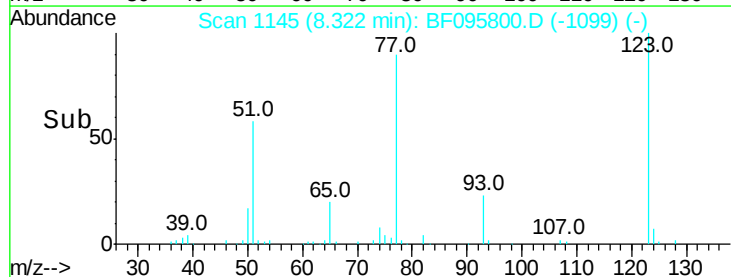
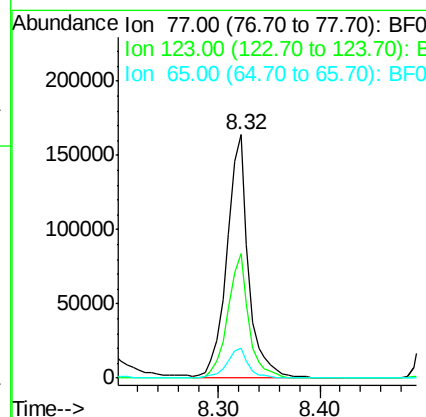
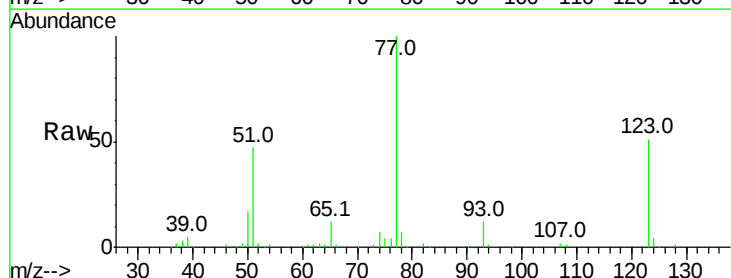
Instrument :
 BNA_F
 ClientSampleId :

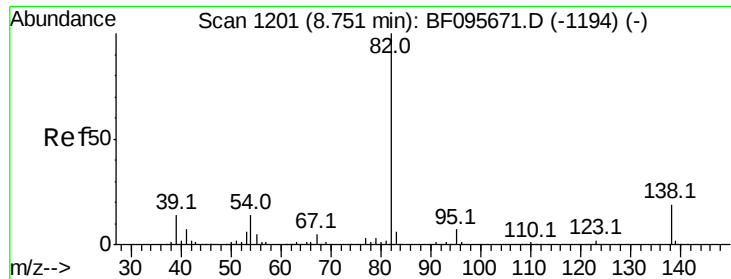
Tot Ion	82	Resp	444595
Ion Ratio	100	Lower	Upper
128	47.1	34.0	51.0
54	46.9	42.2	63.2



#24
 Nitrobenzene
 Concen: 47.05 ng
 RT: 8.32 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion	77	Resp	242630
Ion Ratio	100	Lower	Upper
123	51.3	35.8	53.8
65	12.1	10.6	15.8





#25

Isophorone

Concen: 47.78 ng

RT: 8.72 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

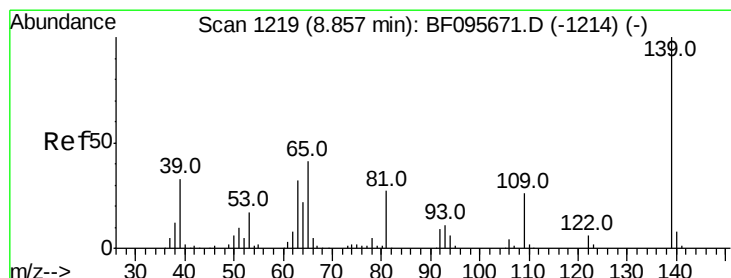
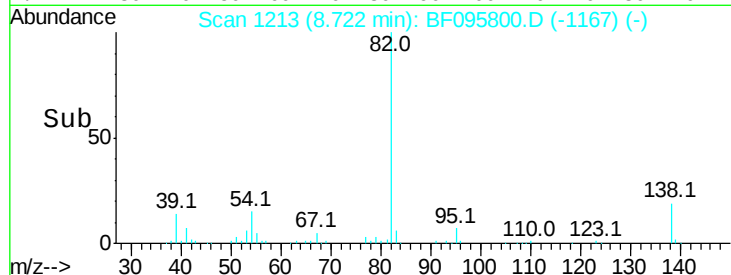
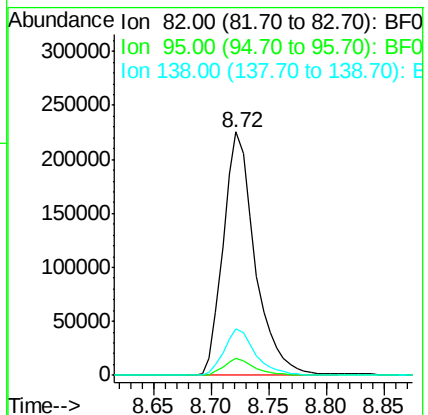
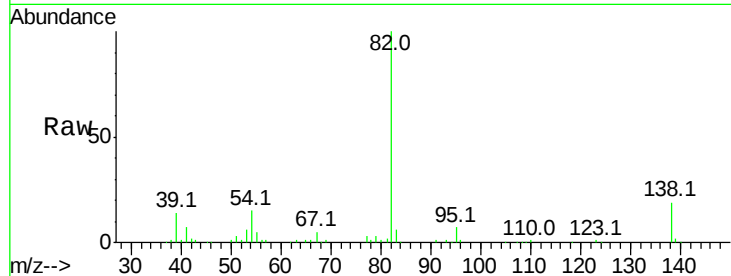
Tot Ion: 82 Resp: 430698

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 50.15 ng

RT: 8.83 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

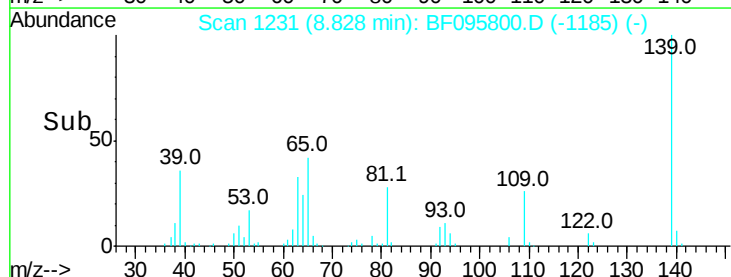
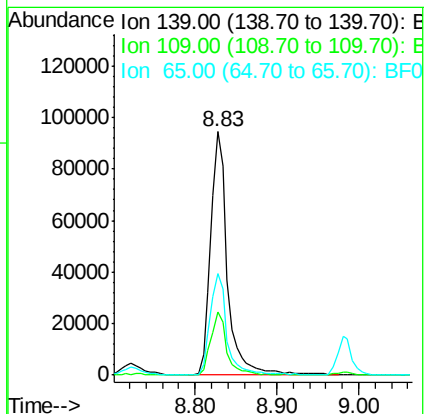
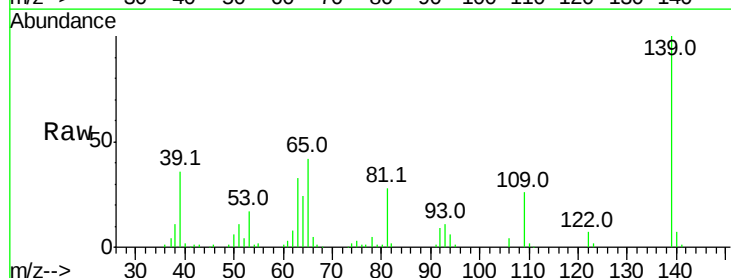
Tgt Ion: 139 Resp: 135413

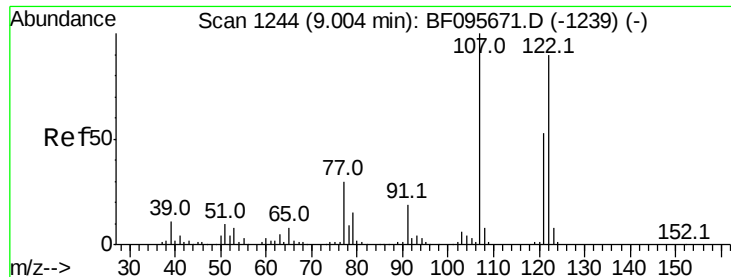
Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.6

65 41.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 52.13 ng

RT: 8.99 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

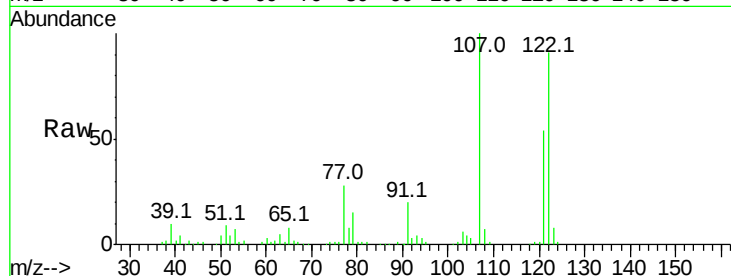
Tot Ion:122 Resp: 218476

Ion Ratio Lower Upper

122 100

107 110.0 89.2 133.8

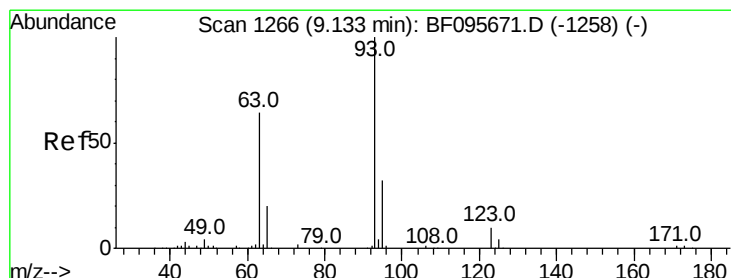
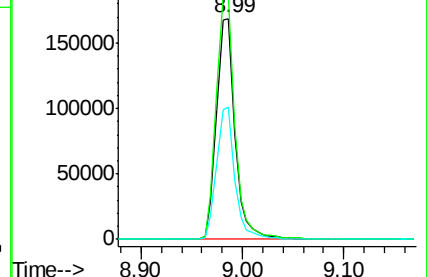
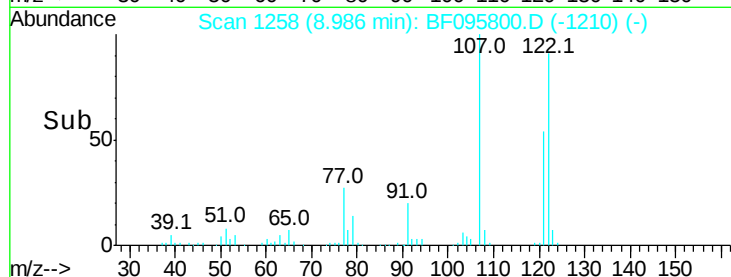
121 59.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.23 ng

RT: 9.10 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

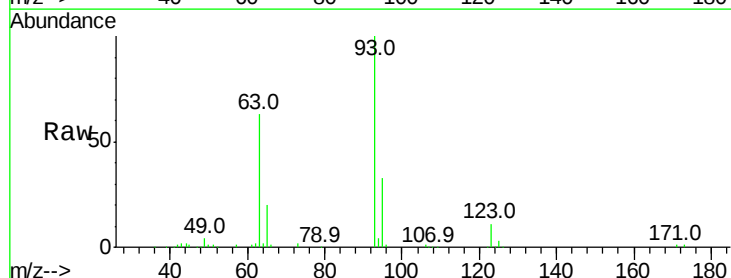
Tgt Ion: 93 Resp: 286573

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

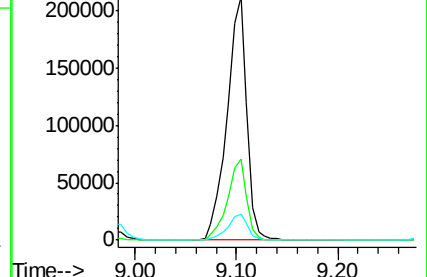
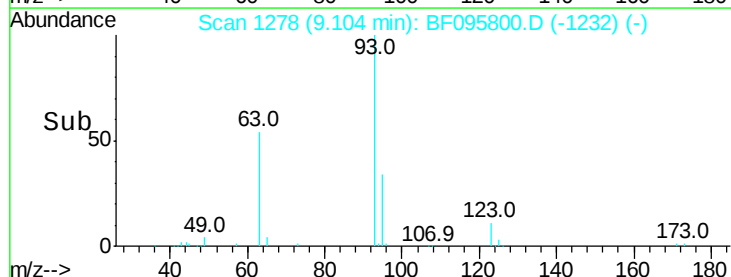
123 10.9 9.0 13.4

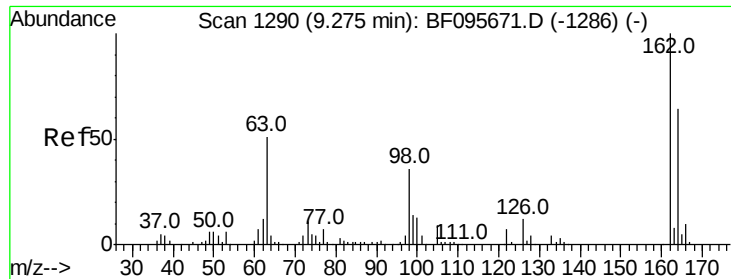


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

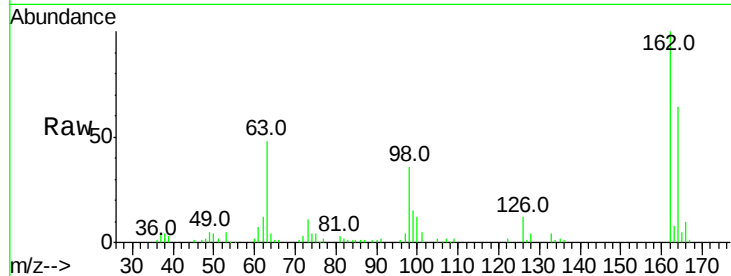




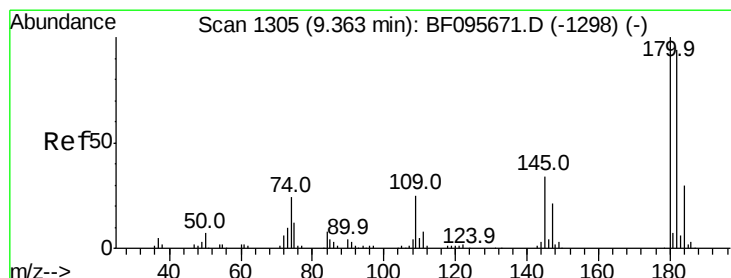
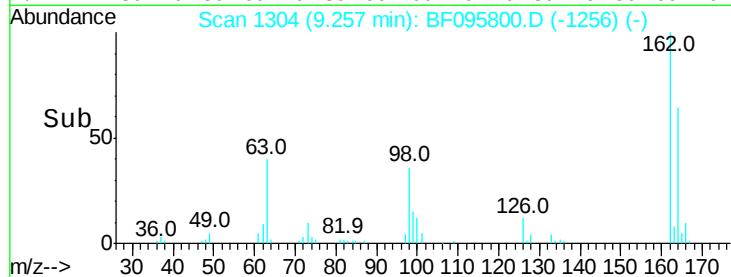
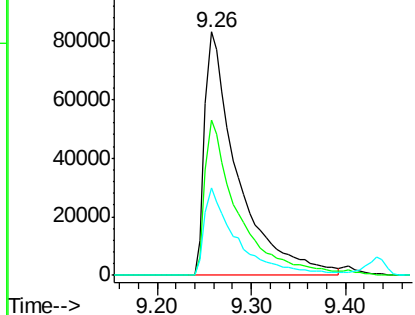
#29
 2,4-Dichlorophenol
 Concen: 50.75 ng
 RT: 9.26 min Scan# 1304
 Delta R.T. -0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 204816
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.6 84.6
 98 36.0 14.8 54.8

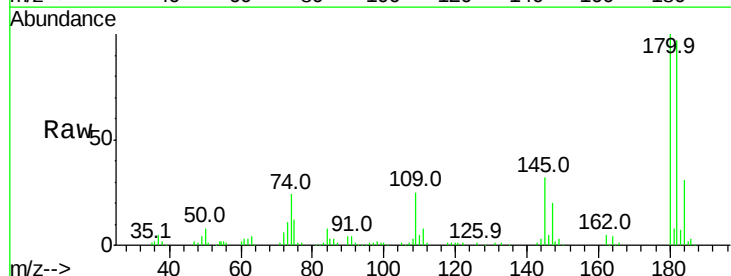


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

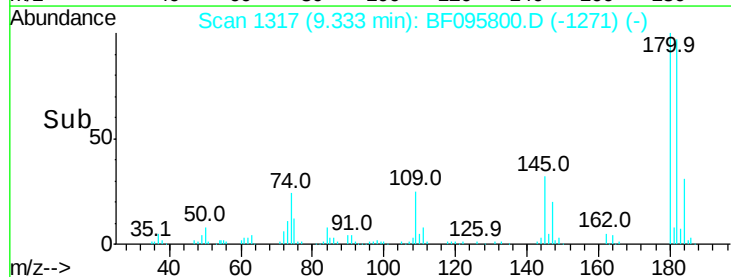
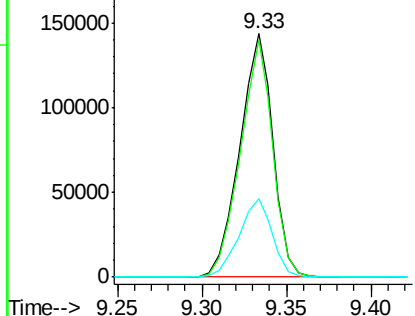


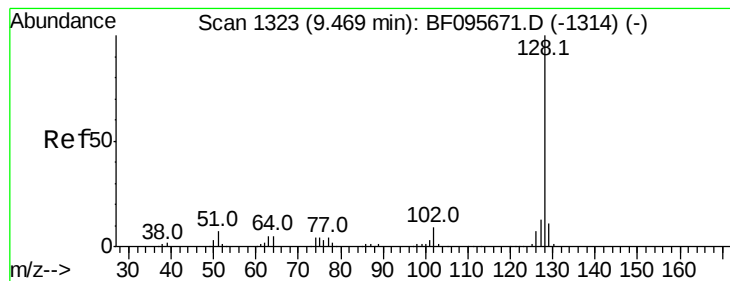
#30
 1,2,4-Trichlorobenzene
 Concen: 46.73 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion:180 Resp: 196240
 Ion Ratio Lower Upper
 180 100
 182 97.2 75.8 113.6
 145 32.0 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: 46.46 ng

RT: 9.43 min Scan# 1334

Delta R.T. -0.04 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

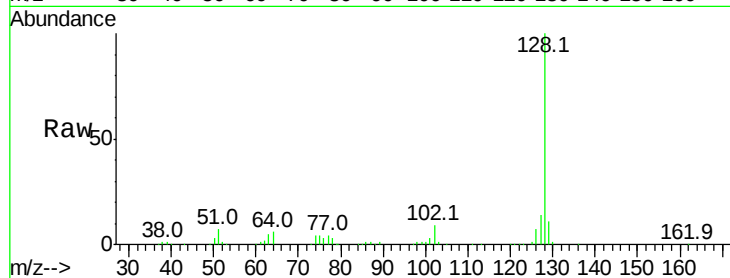
Tot Ion:128 Resp: 699026

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

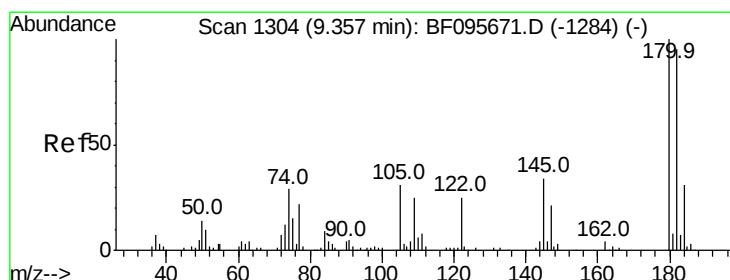
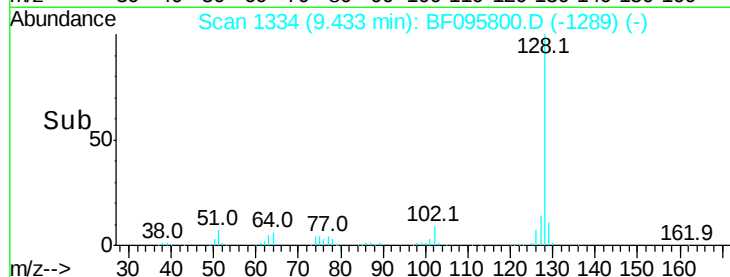
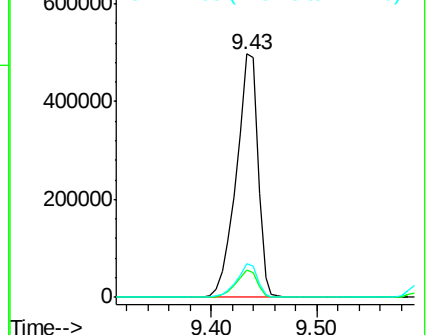
127 13.6 10.8 16.2



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: 13.16 ng

RT: 9.28 min Scan# 1308

Delta R.T. -0.08 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

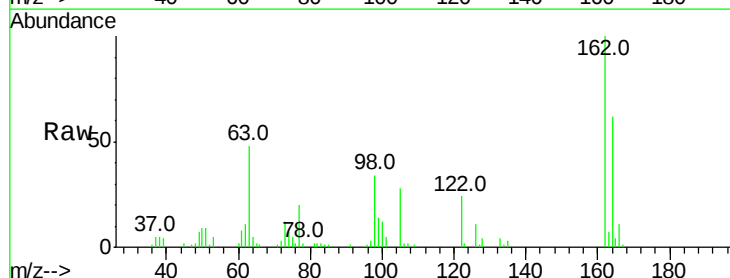
Tgt Ion:122 Resp: 23593

Ion Ratio Lower Upper

122 100

105 114.4 103.3 143.3

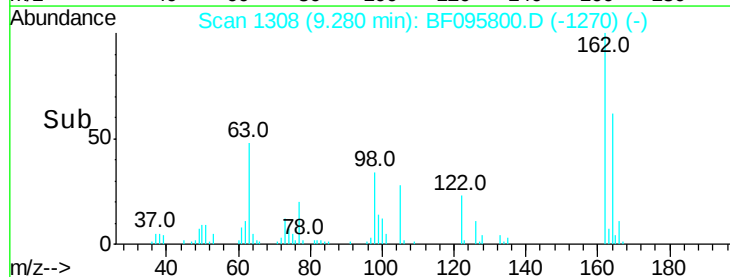
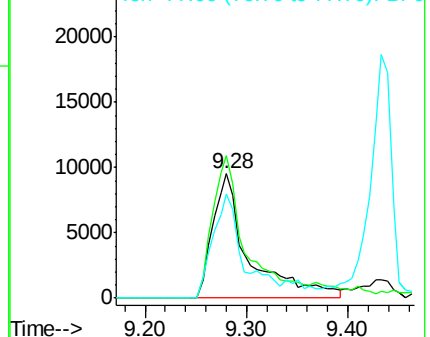
77 84.1 73.7 113.7

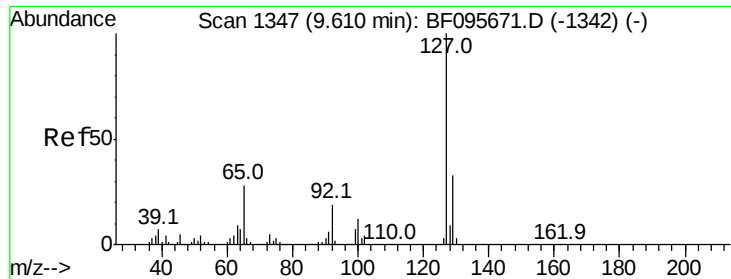


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

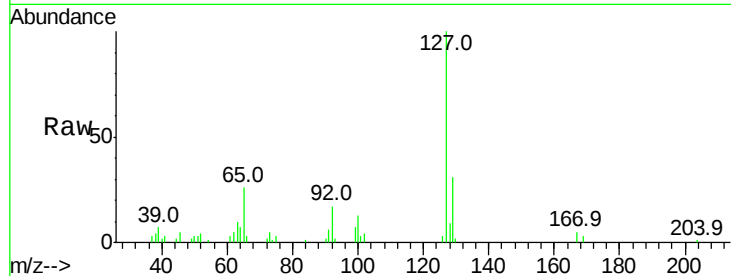




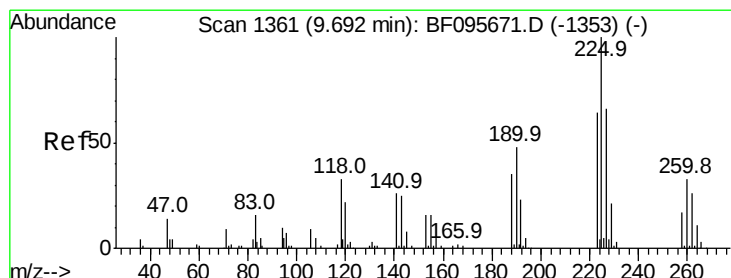
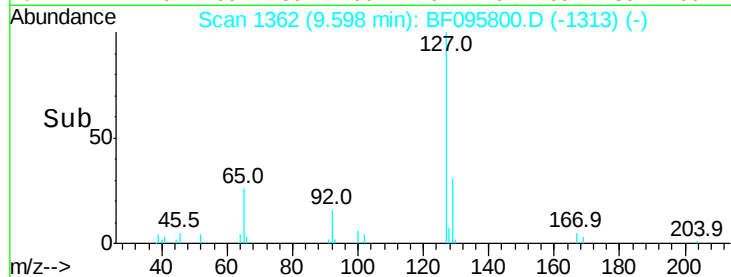
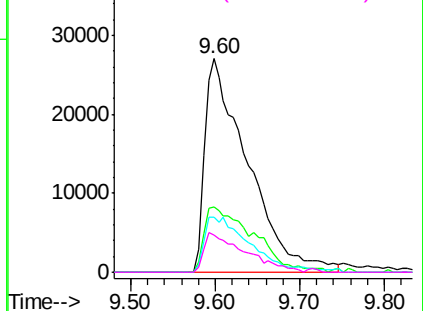
#33
4-Chloroaniline
Concen: 16.24 ng
RT: 9.60 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	95531
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.2
65	25.7	27.8	41.8#
92	17.3	16.8	25.2

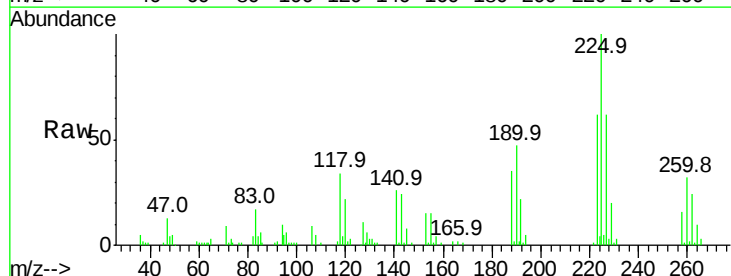


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

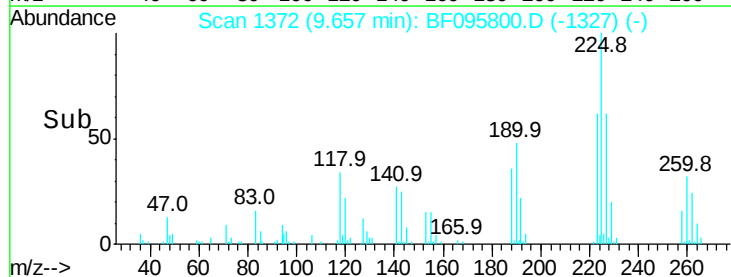
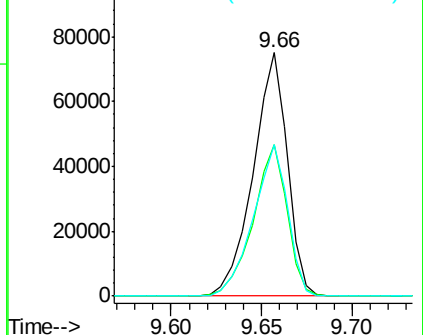


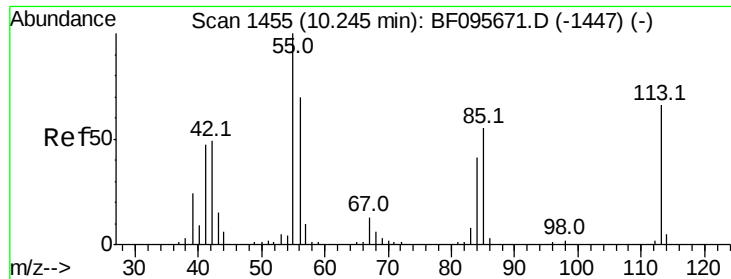
#34
Hexachlorobutadiene
Concen: 45.20 ng
RT: 9.66 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion:	225	Resp:	98081
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	62.2	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: 28.15 ng

RT: 10.23 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampled :

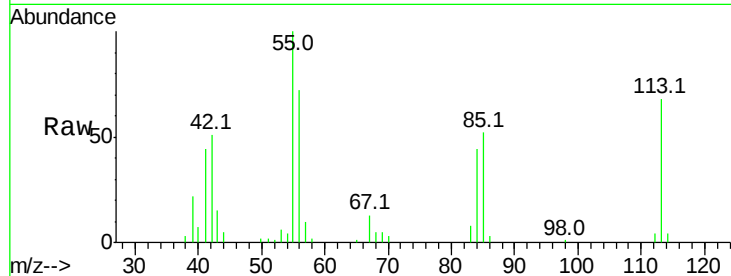
Tot Ion:113 Resp: 33808

Ion Ratio Lower Upper

113 100

55 147.8 150.2 190.2#

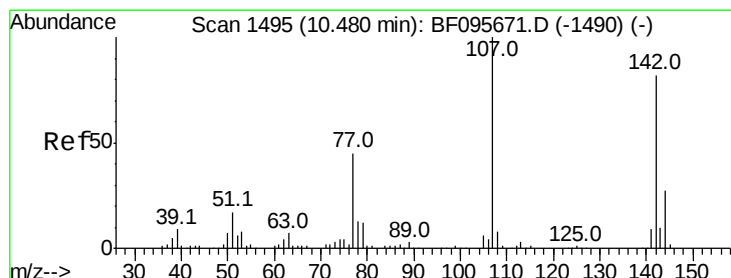
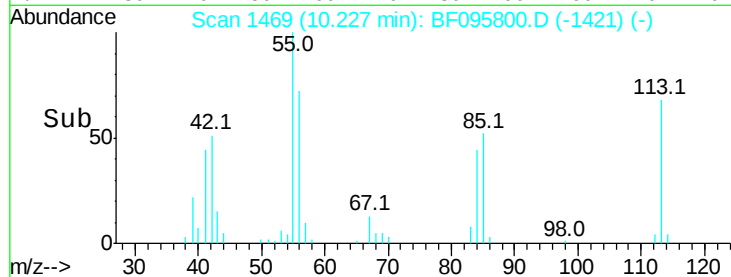
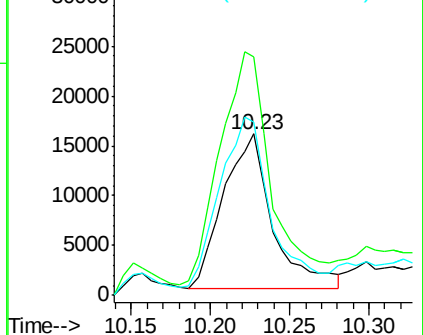
56 106.9 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.19 ng

RT: 10.47 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

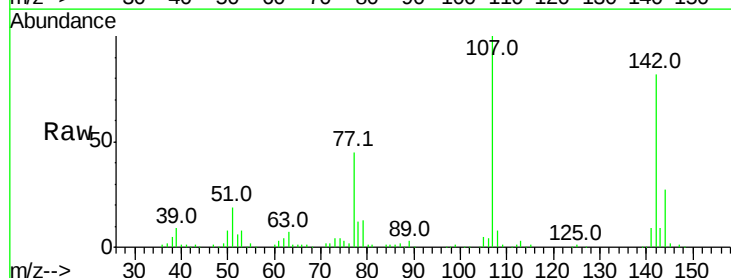
Tgt Ion:107 Resp: 207833

Ion Ratio Lower Upper

107 100

144 26.8 24.2 36.4

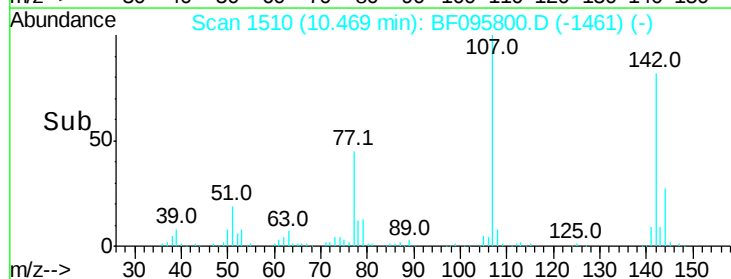
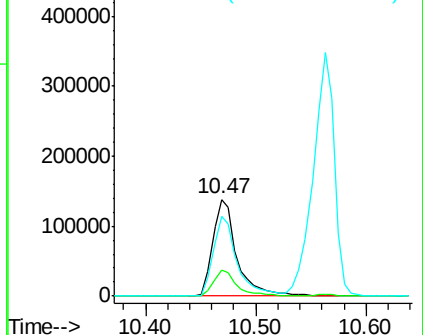
142 82.3 73.4 110.0

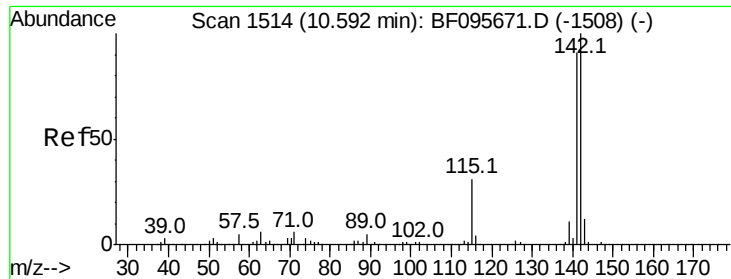


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

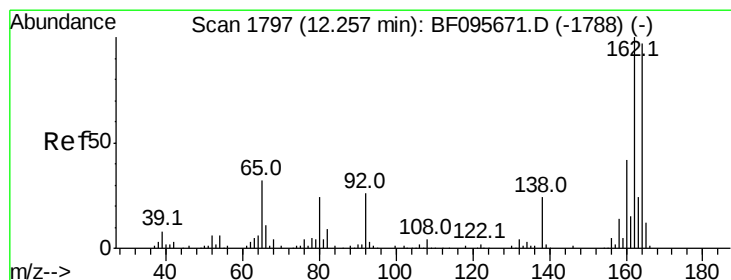
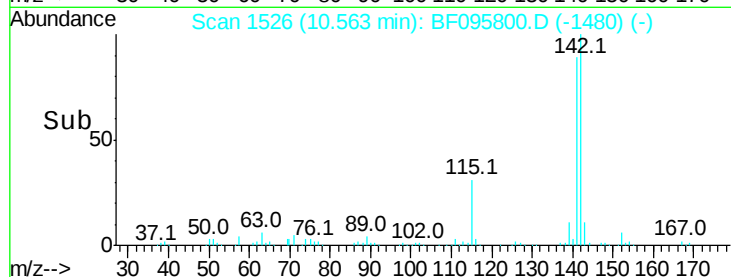
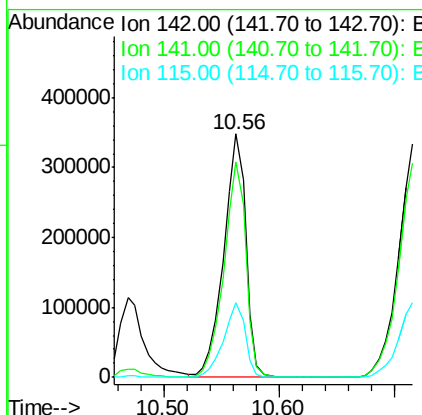
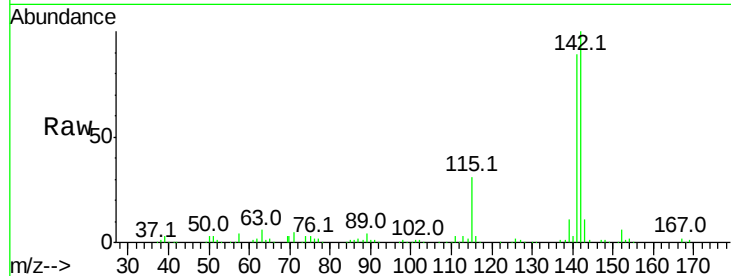




#37
2-Methylnaphthalene
Concen: 45.79 ng
RT: 10.56 min Scan# 1526
Delta R.T. -0.03 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

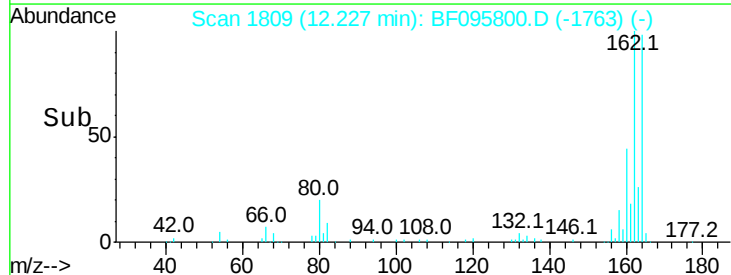
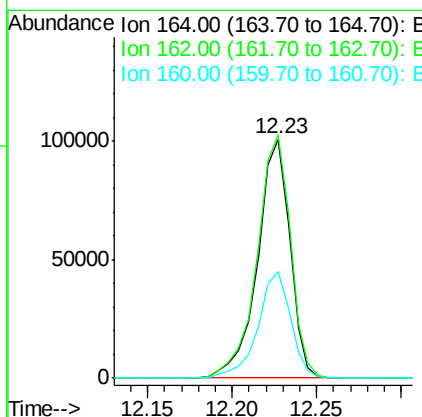
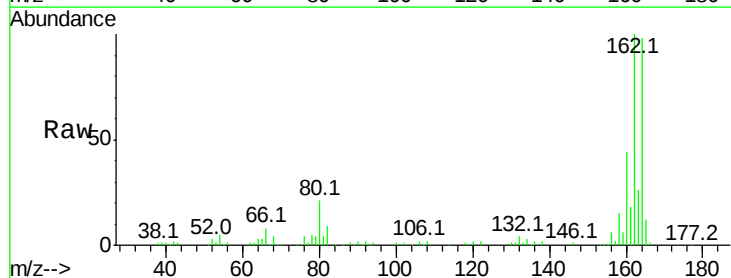
Instrument :
BNA_F
ClientSampled :

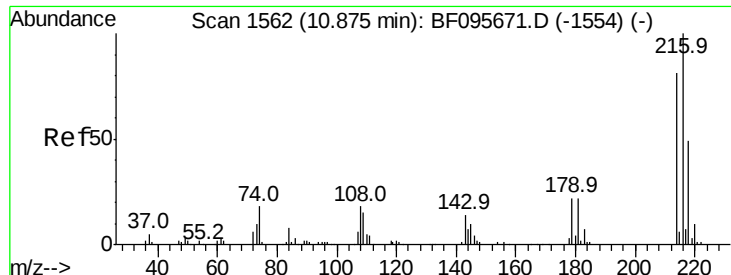
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9
115	30.7	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1809
Delta R.T. -0.03 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.9	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.91 ng

RT: 10.85 min Scan# 1574

Delta R.T. -0.03 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 180776

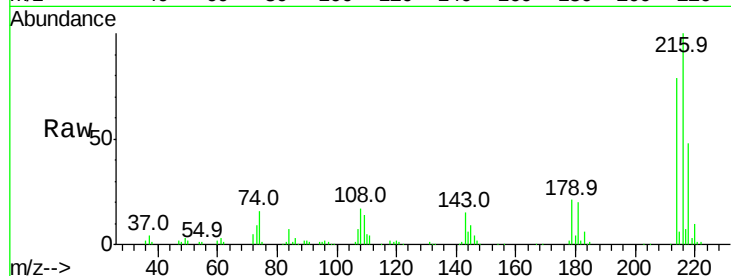
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 21.6 17.9 26.9

108 18.9 16.5 24.7

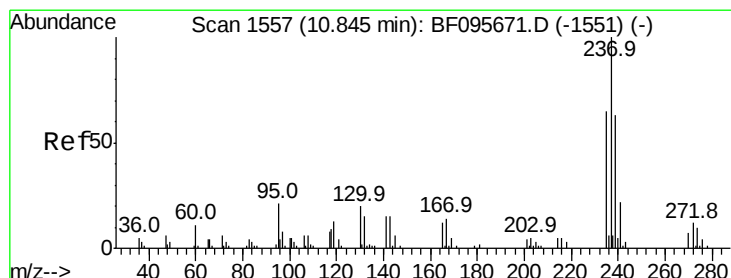
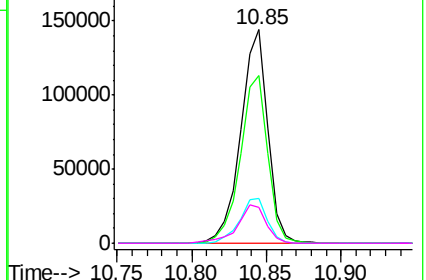
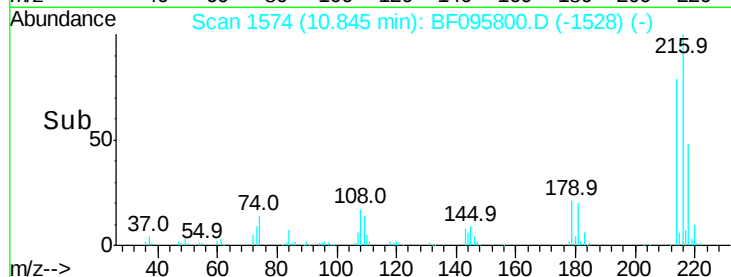


Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.19 ng

RT: 10.82 min Scan# 1569

Delta R.T. -0.03 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

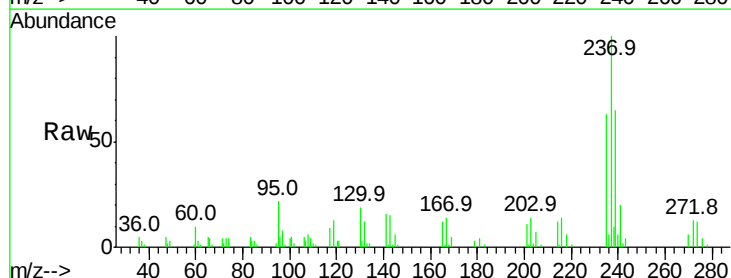
Tgt Ion:237 Resp: 51302

Ion Ratio Lower Upper

237 100

235 63.0 42.6 82.6

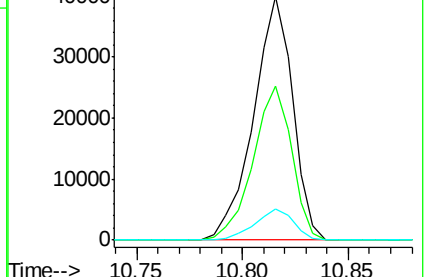
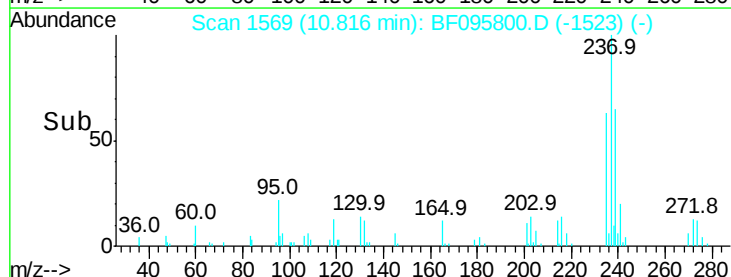
272 13.0 0.0 31.9

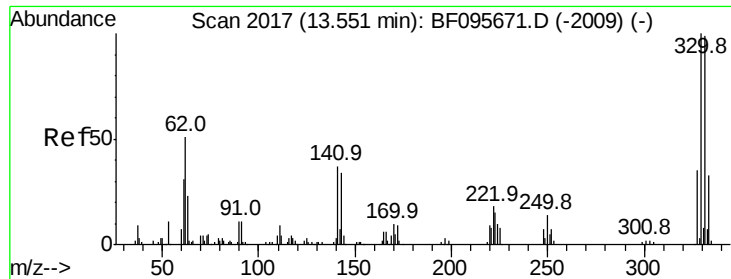


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

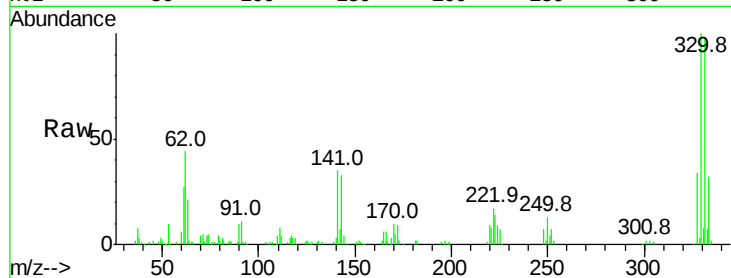




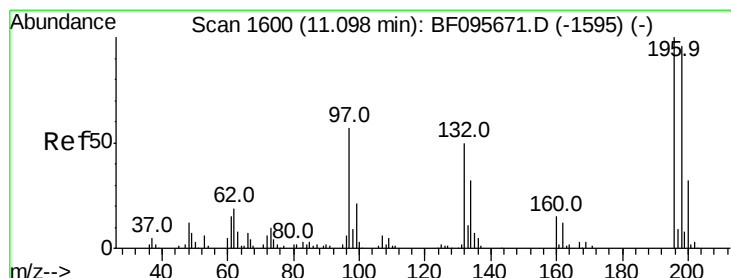
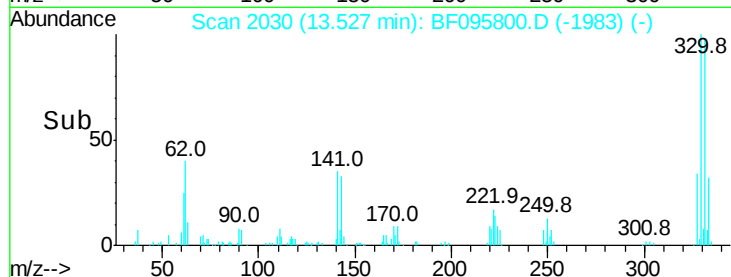
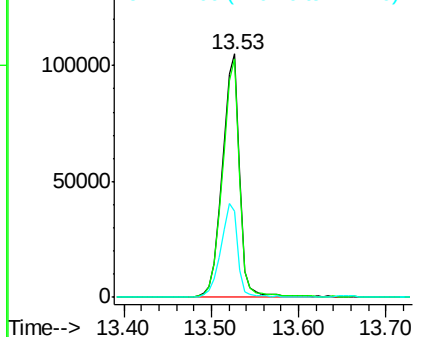
#41
 2,4,6-Tribromophenol
 Concen: 121.98 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.0	31.4	47.2

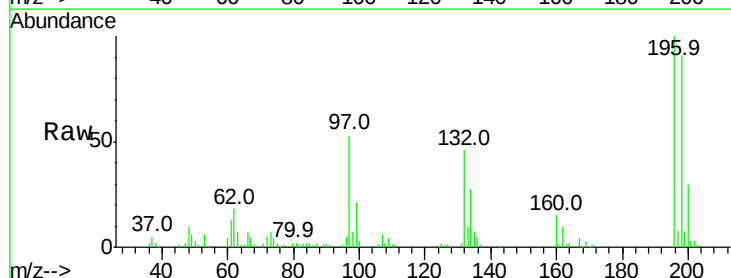


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

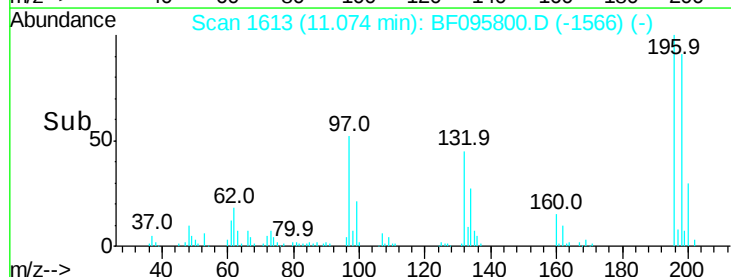
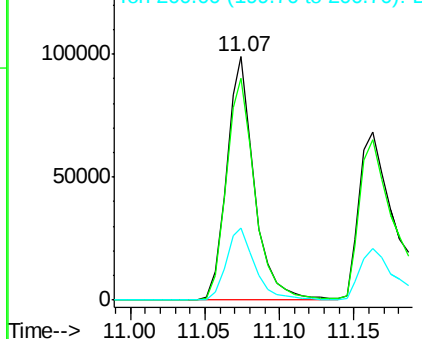


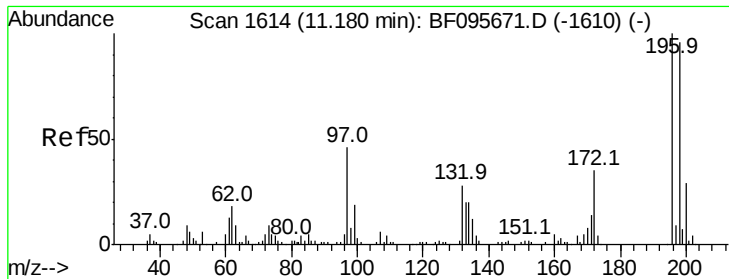
#42
 2,4,6-Trichlorophenol
 Concen: 49.59 ng
 RT: 11.07 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.2	74.2	111.4
200	29.9	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

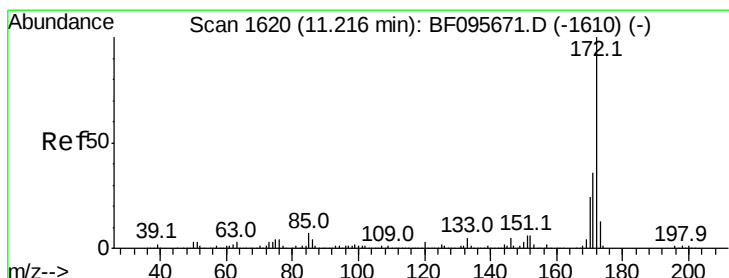
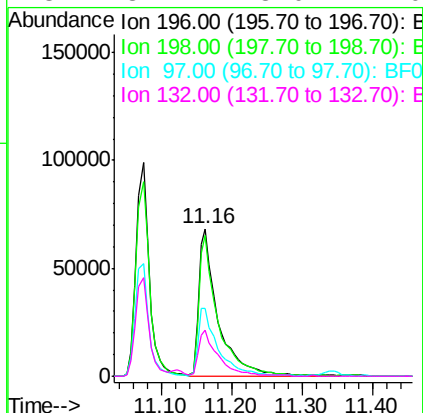
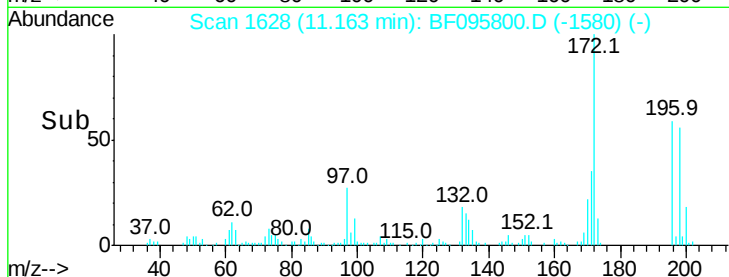
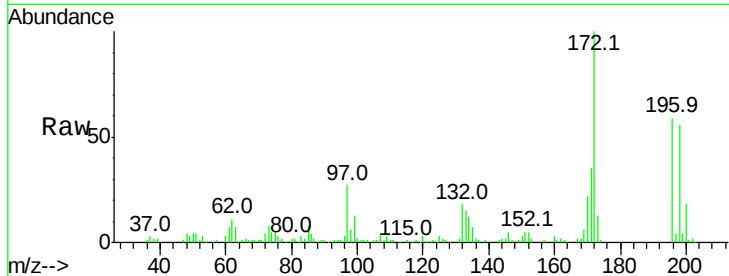




#43
 2,4,5-Trichlorophenol
 Concen: 47.72 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

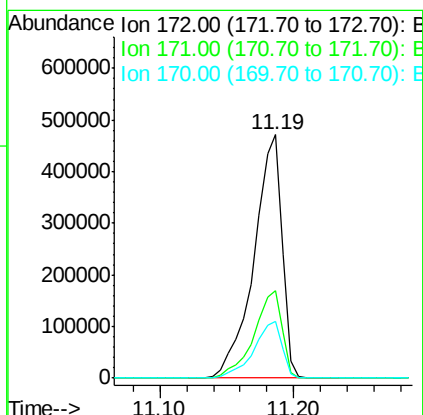
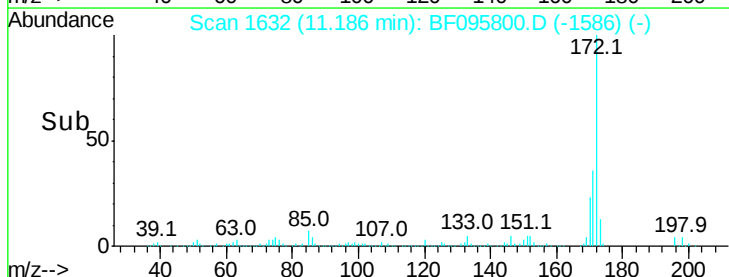
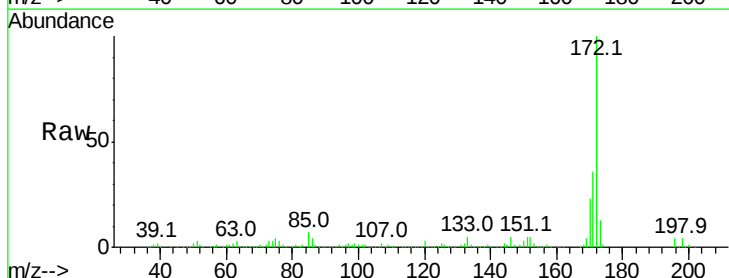
Instrument :
 BNA_F
 ClientSampleId :

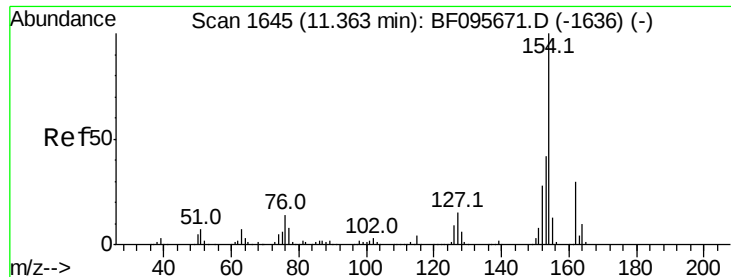
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
97	46.0	47.7	71.5
132	31.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 70.81 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. -0.03 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.3	19.8	29.8





#45

1,1'-Biphenyl

Concen: 46.01 ng

RT: 11.33 min Scan# 1657

Delta R.T. -0.03 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

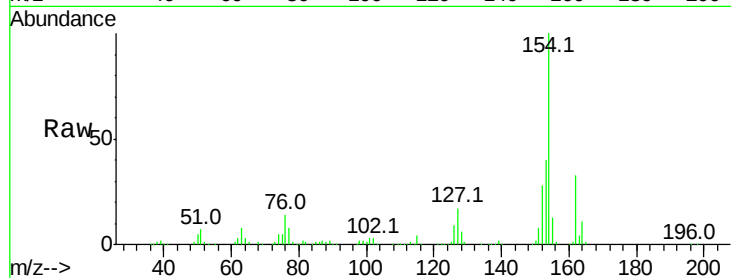
Tot Ion:154 Resp: 509964

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

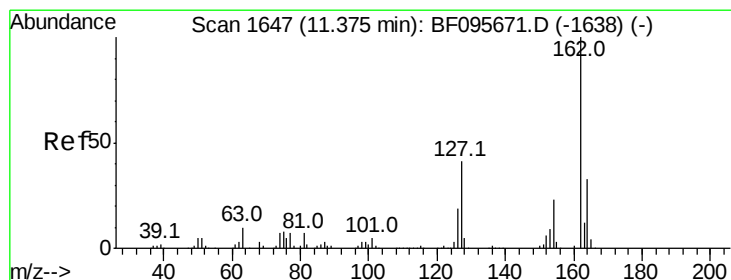
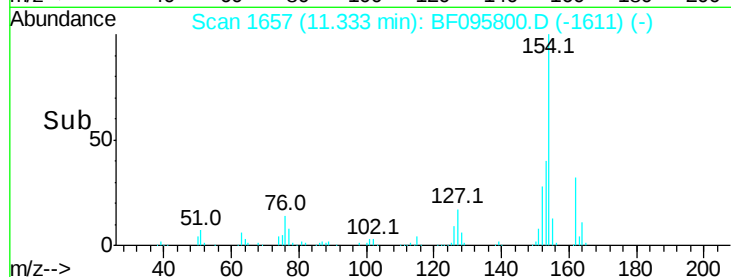
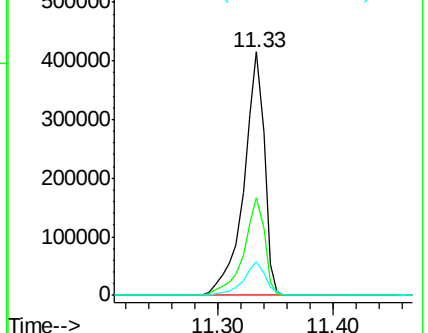
76 13.8 0.0 29.9



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: 45.69 ng

RT: 11.35 min Scan# 1659

Delta R.T. -0.03 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

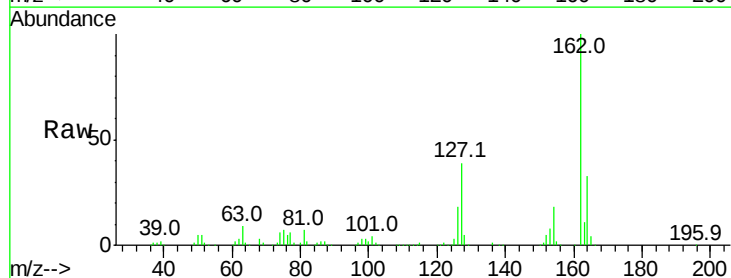
Tgt Ion:162 Resp: 395718

Ion Ratio Lower Upper

162 100

127 39.2 28.3 42.5

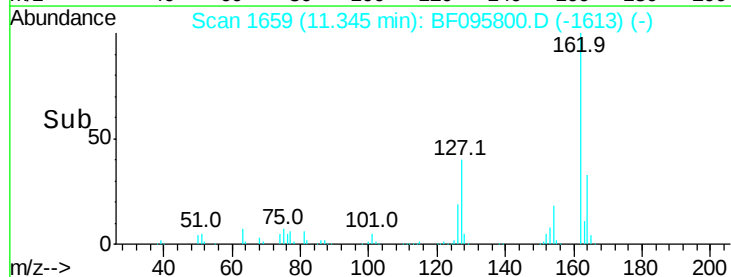
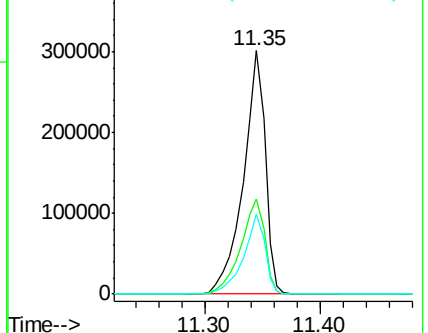
164 32.8 27.0 40.4

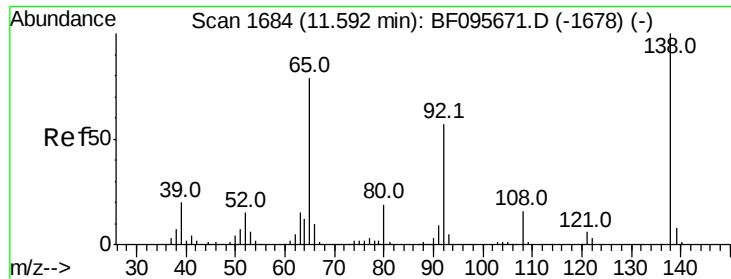


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

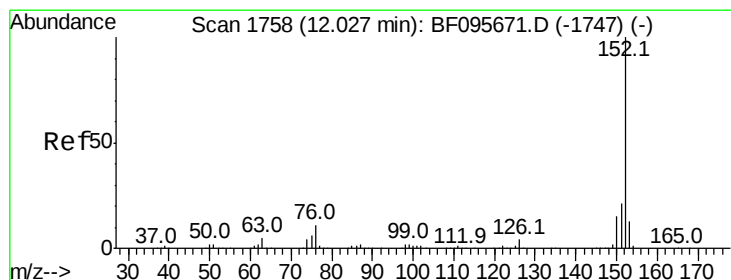
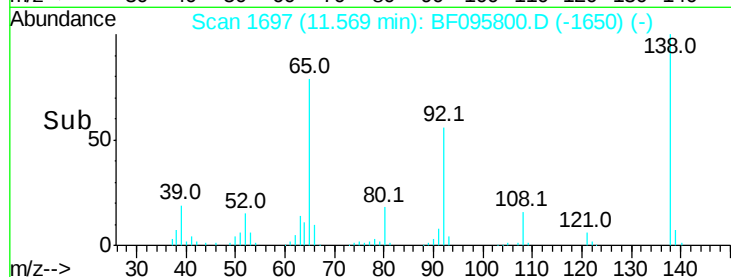
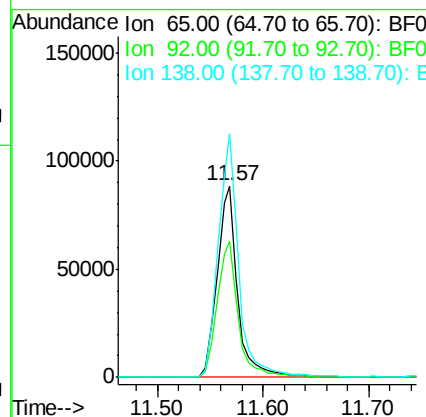
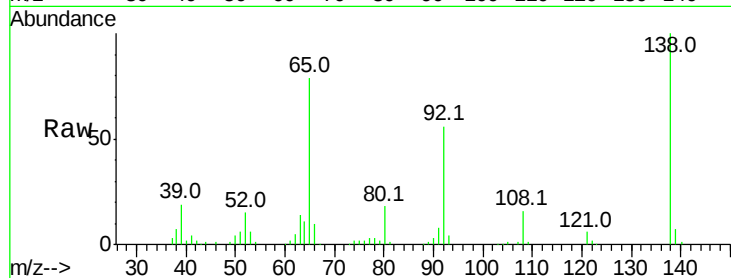




#47
 2-Nitroaniline
 Concen: 47.91 ng
 RT: 11.57 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

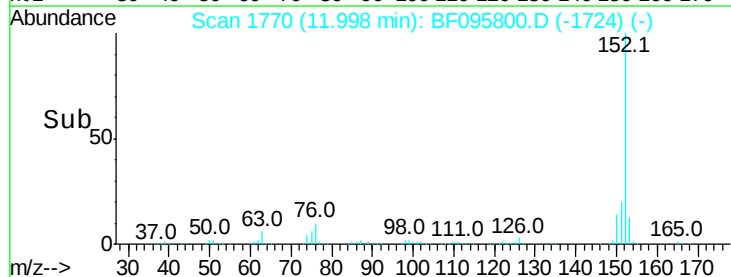
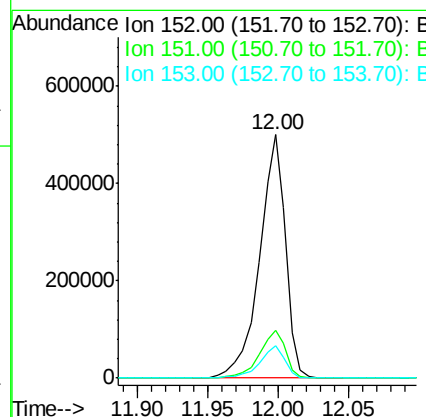
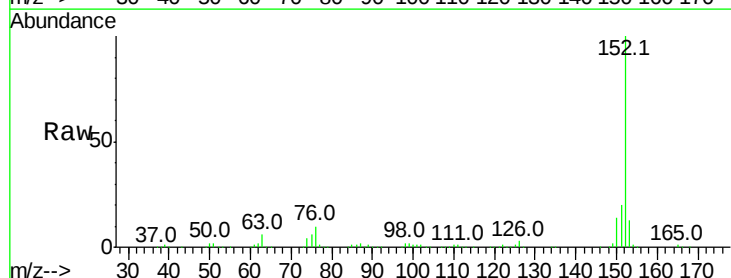
Instrument :
 BNA_F
 ClientSampleId :

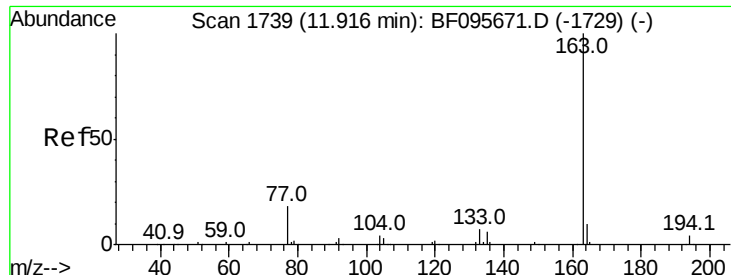
Tot Ion: 65 Resp: 121436
 Ion Ratio Lower Upper
 65 100
 92 71.0 53.9 80.9
 138 127.3 78.8 118.2#



#48
 Acenaphthylene
 Concen: 43.71 ng
 RT: 12.00 min Scan# 1770
 Delta R.T. -0.03 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion:152 Resp: 647365
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.8 25.2
 153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 60.55 ng

RT: 11.89 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

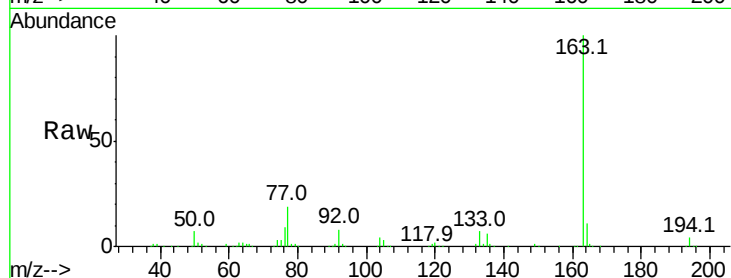
Tot Ion:163 Resp: 618320

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

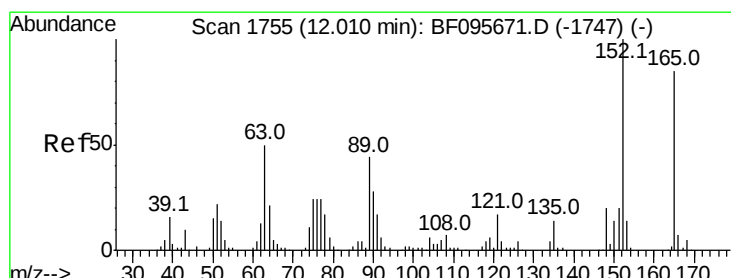
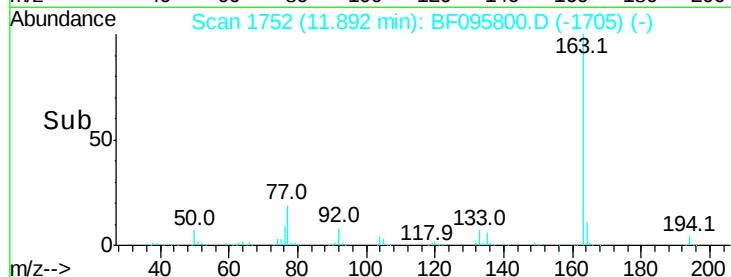
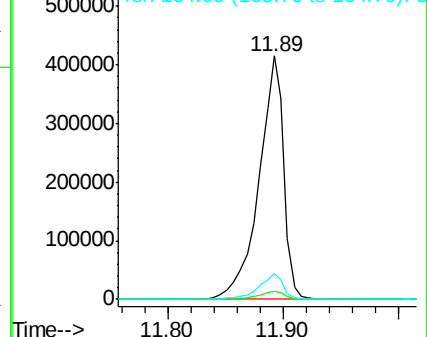
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.10 ng

RT: 11.99 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

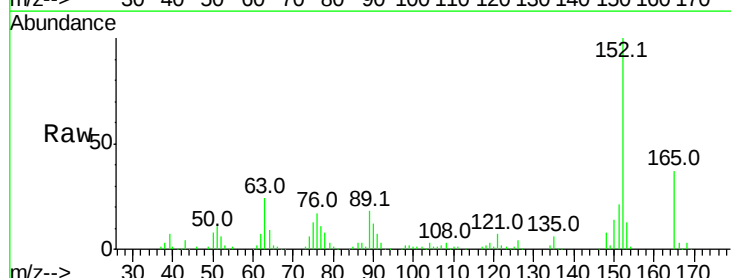
Tgt Ion:165 Resp: 104914

Ion Ratio Lower Upper

165 100

63 65.3 34.3 51.5#

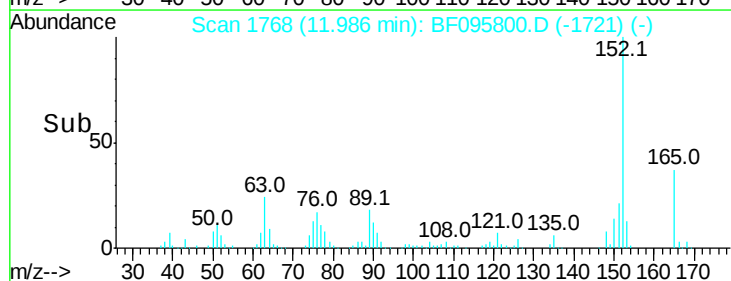
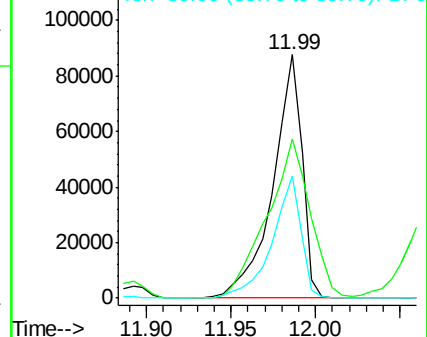
89 49.9 37.1 55.7

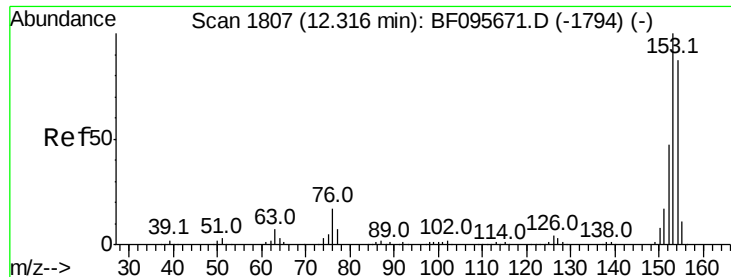


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.02 ng

RT: 12.28 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

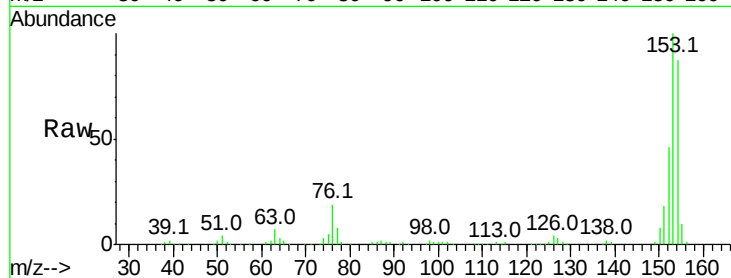
Tot Ion:154 Resp: 376500

Ion Ratio Lower Upper

154 100

153 115.5 90.5 135.7

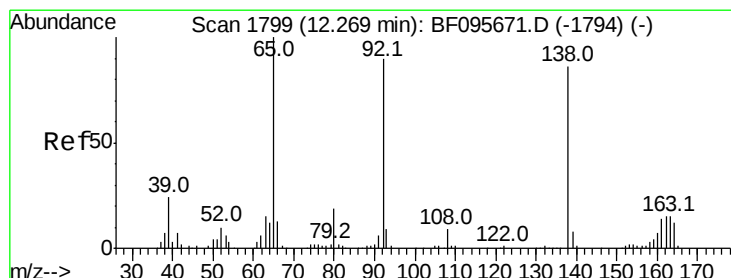
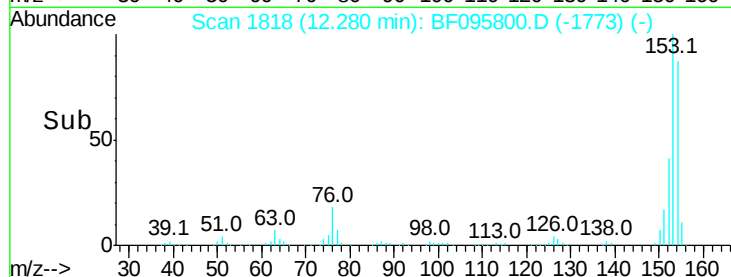
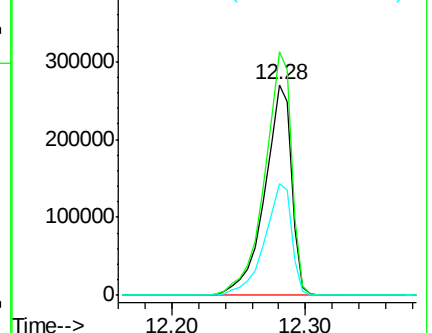
152 53.1 43.6 65.4



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: 26.02 ng

RT: 12.24 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

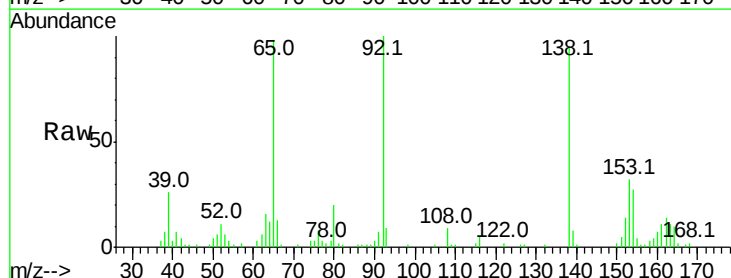
Tgt Ion:138 Resp: 67521

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

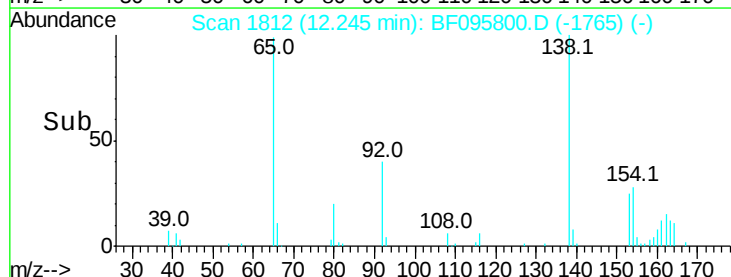
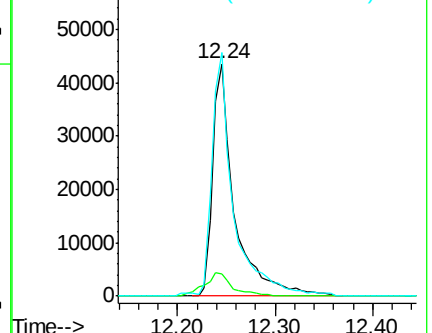
92 104.8 93.8 140.6

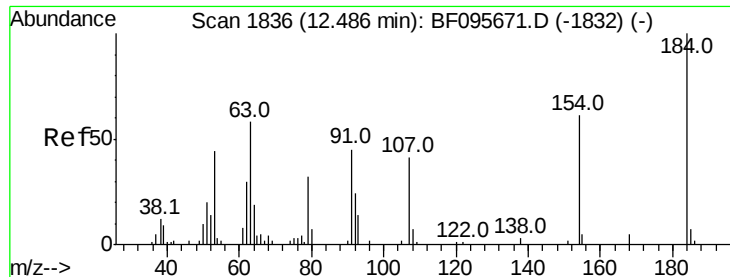


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

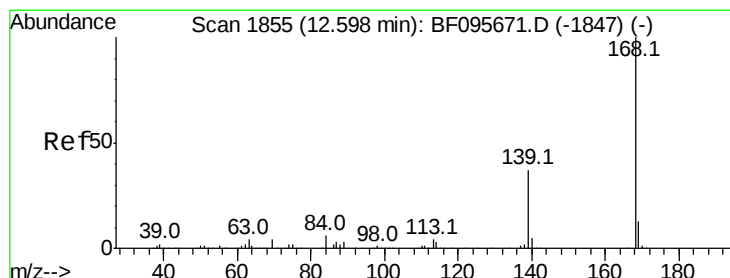
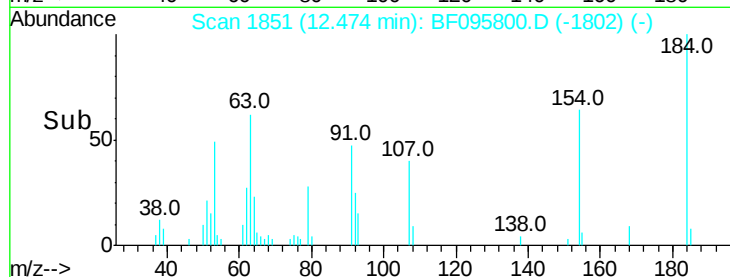
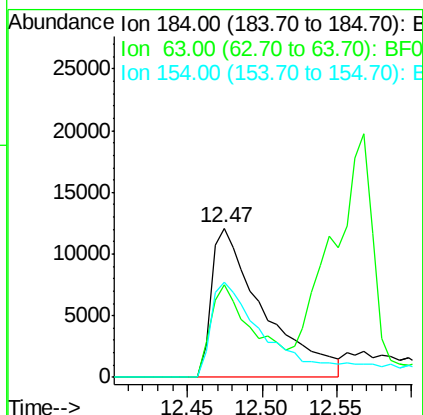
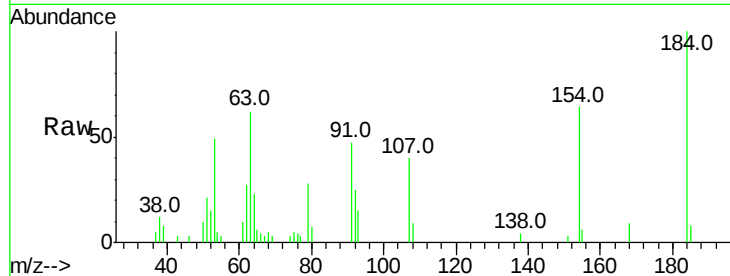




#53
 2,4-Dinitrophenol
 Concen: 27.91 ng
 RT: 12.47 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

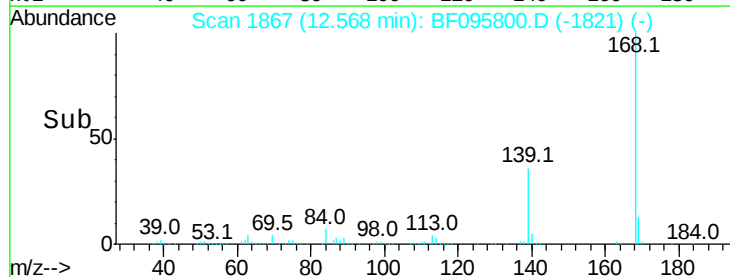
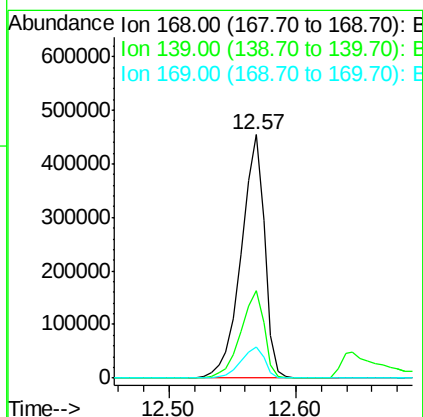
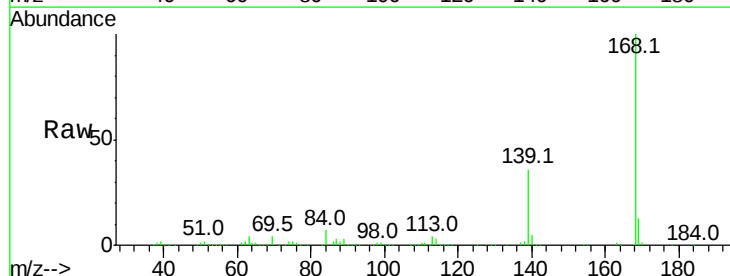
Instrument :
 BNA_F
 ClientSampleId :

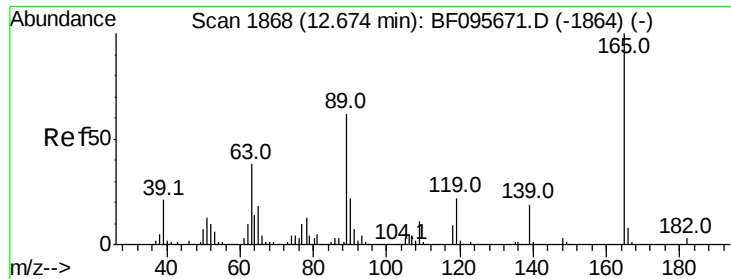
Tot Ion:184 Resp: 29407
 Ion Ratio Lower Upper
 184 100
 63 62.4 62.7 94.1#
 154 63.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 48.13 ng
 RT: 12.57 min Scan# 1867
 Delta R.T. -0.03 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion:168 Resp: 579413
 Ion Ratio Lower Upper
 168 100
 139 36.1 30.6 45.8
 169 13.0 10.8 16.2

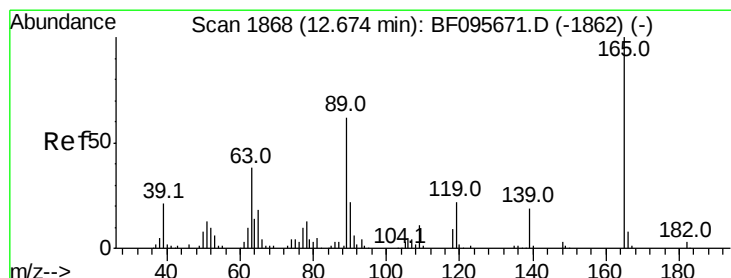
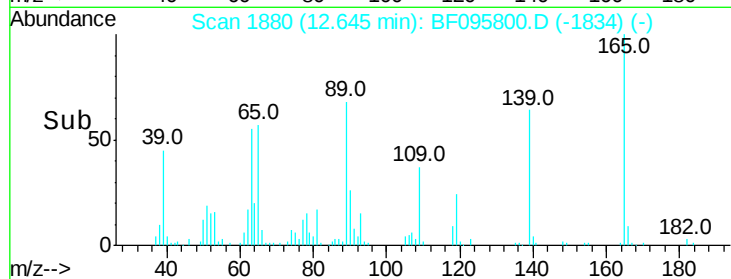
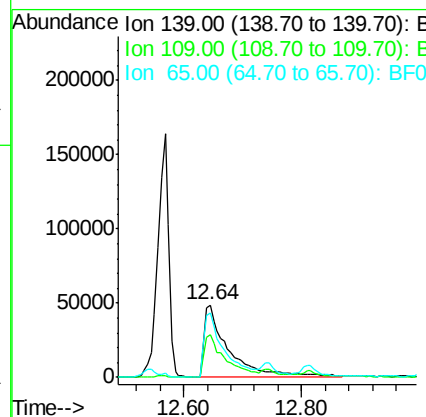
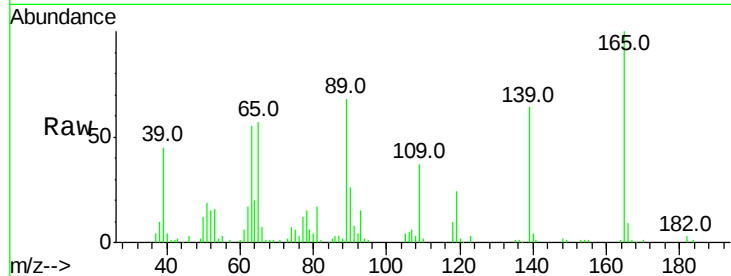




#55
4-Nitrophenol
Concen: 91.99 ng
RT: 12.64 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

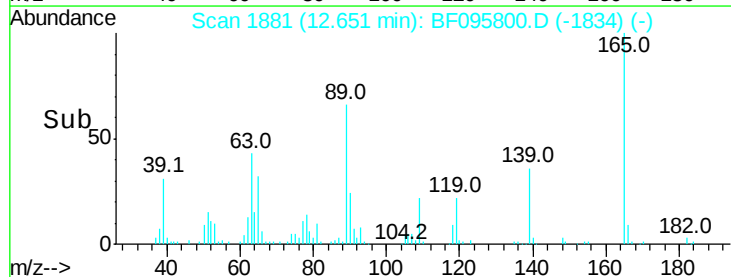
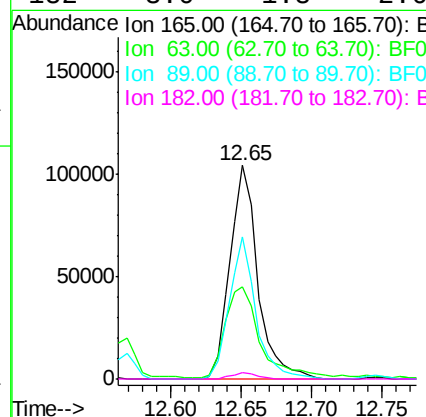
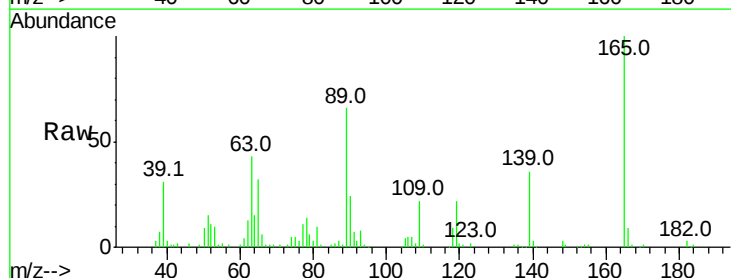
Instrument :
BNA_F
ClientSampled :

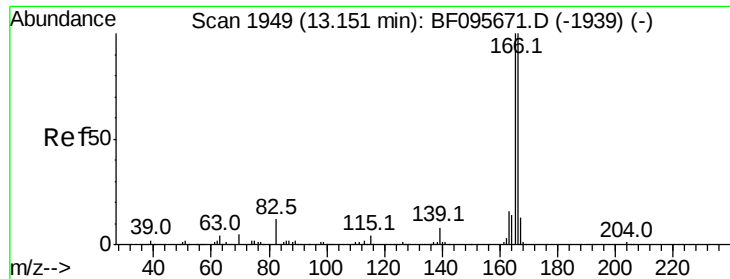
Tot Ion:139 Resp: 140494
Ion Ratio Lower Upper
139 100
109 58.9 34.1 74.1
65 89.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 47.76 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion:165 Resp: 143689
Ion Ratio Lower Upper
165 100
63 43.3 25.4 38.0#
89 66.3 46.4 69.6
182 3.0 1.8 2.6#

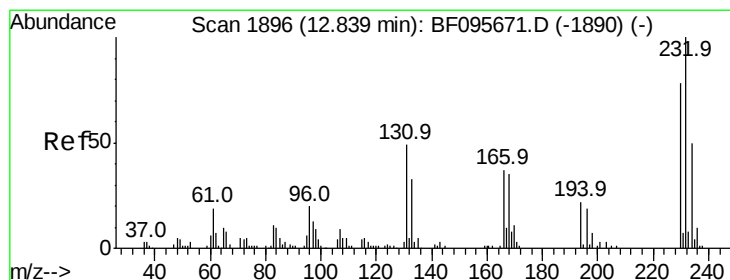
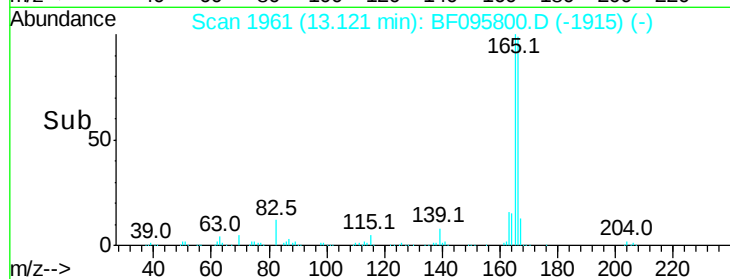
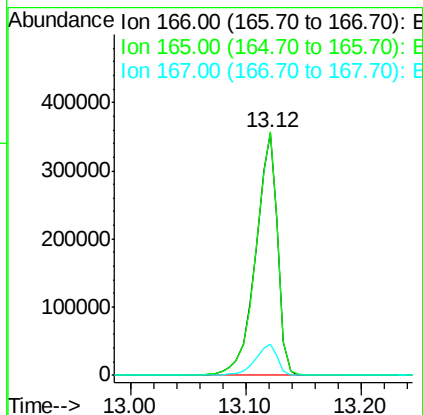
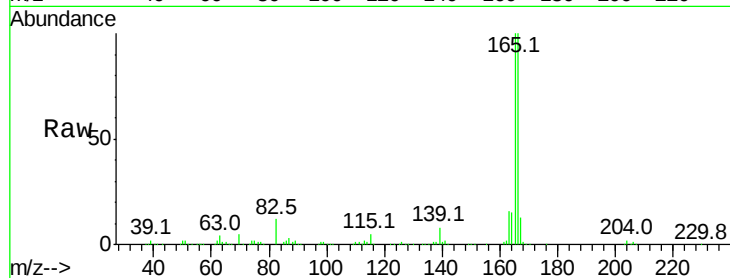




#57
 Fluorene
 Concen: 44.73 ng
 RT: 13.12 min Scan# 1961
 Delta R.T. -0.03 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

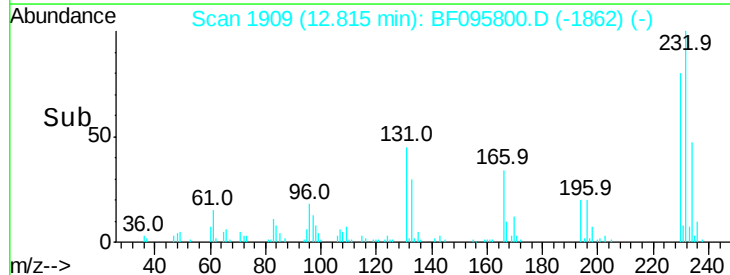
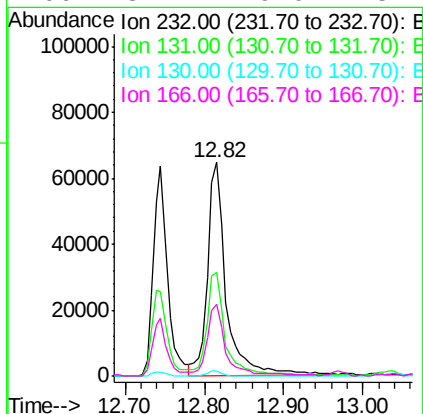
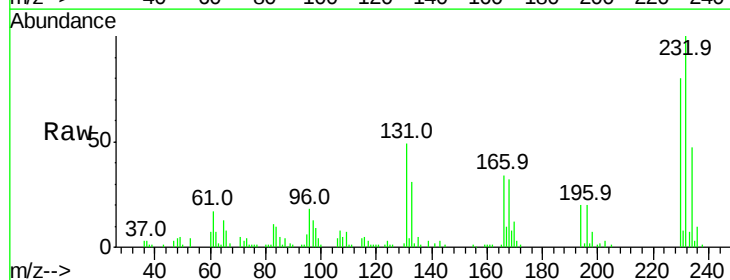
Instrument :
 BNA_F
 ClientSampleId :

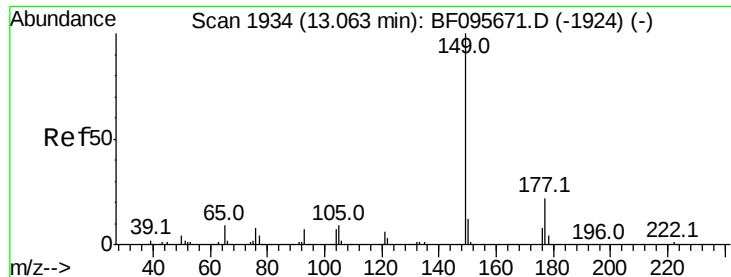
Tot Ion:166 Resp: 468584
 Ion Ratio Lower Upper
 166 100
 165 100.4 78.8 118.2
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.42 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion:232 Resp: 104382
 Ion Ratio Lower Upper
 232 100
 131 44.9 44.8 67.2
 130 2.0 2.3 3.5#
 166 34.7 29.0 43.4

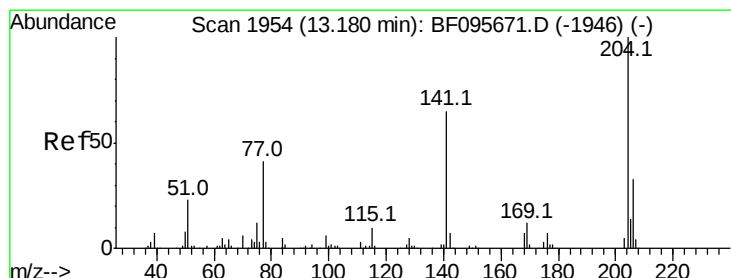
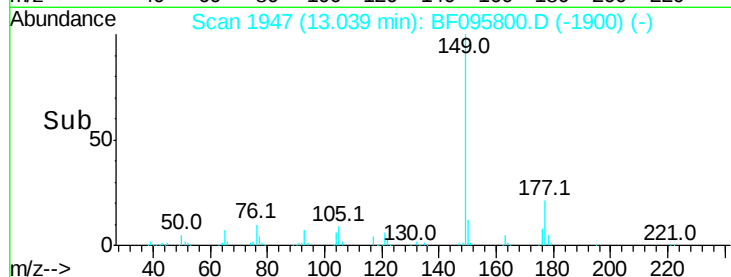
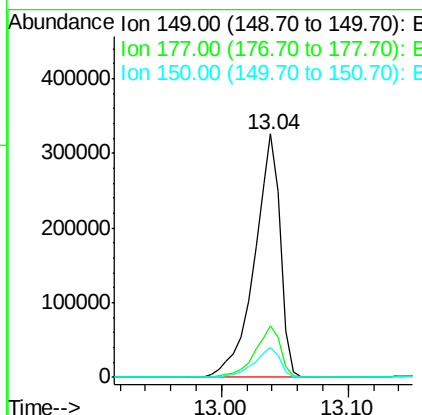
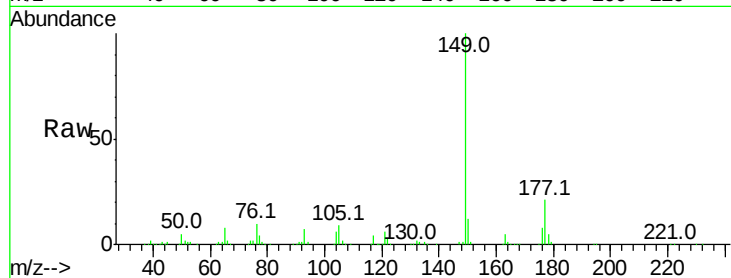




#59
Diethylphthalate
Concen: 46.89 ng
RT: 13.04 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

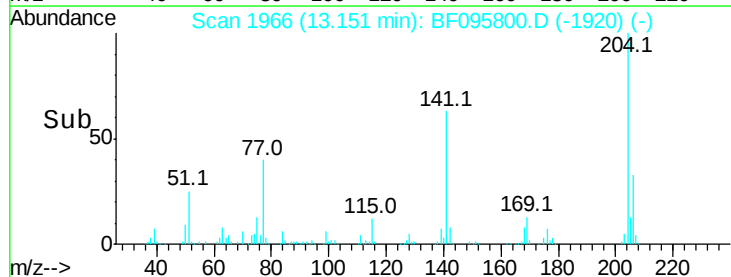
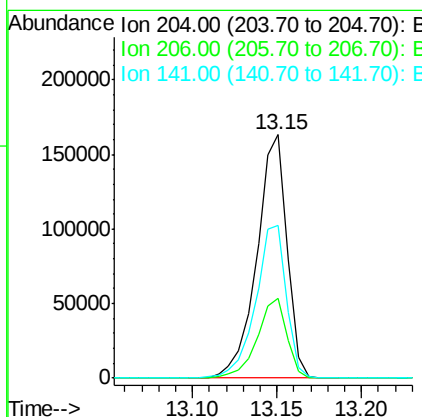
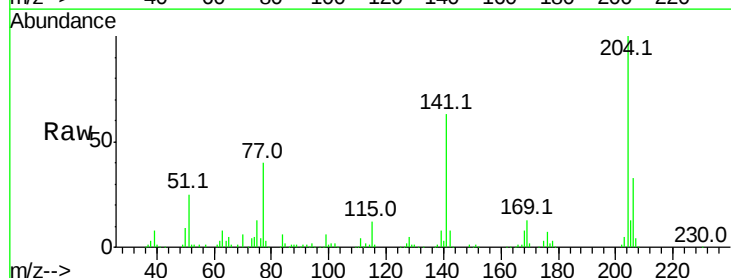
Instrument :
BNA_F
ClientSampleId :

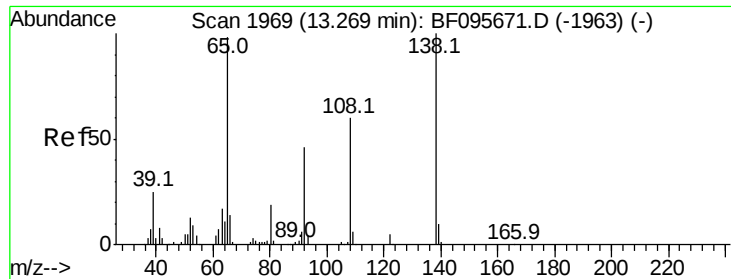
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.2	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.14 ng
RT: 13.15 min Scan# 1966
Delta R.T. -0.03 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	62.6	60.8	91.2

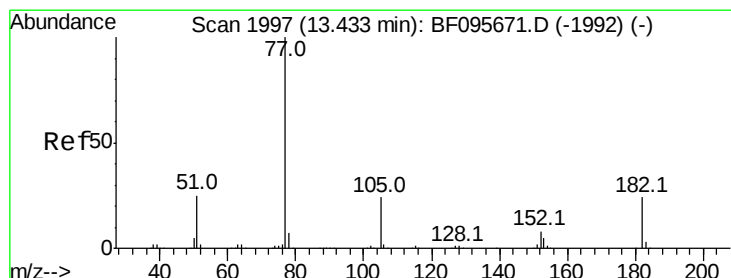
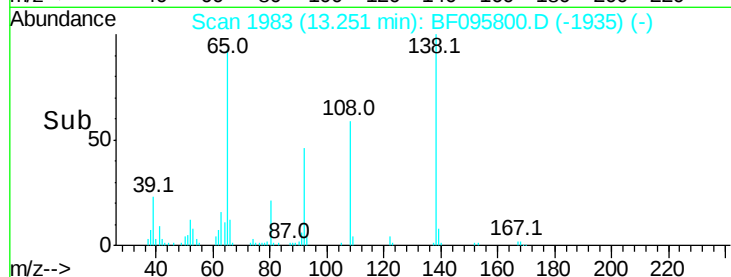
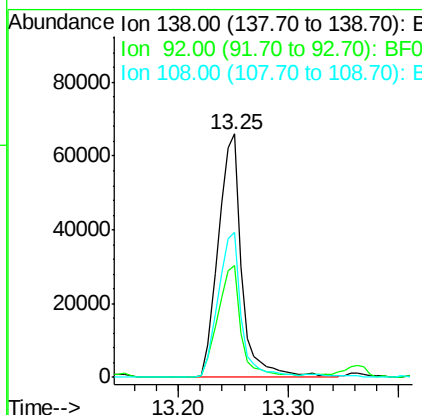
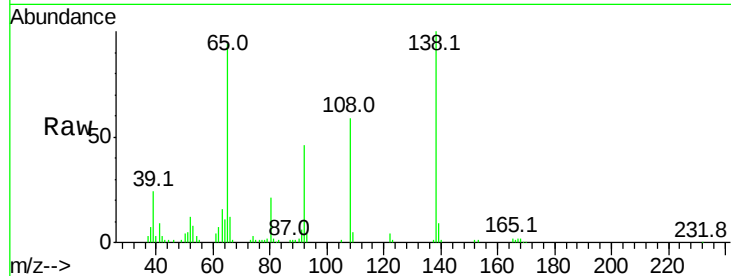




#61
4-Nitroaniline
Concen: 40.62 ng
RT: 13.25 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

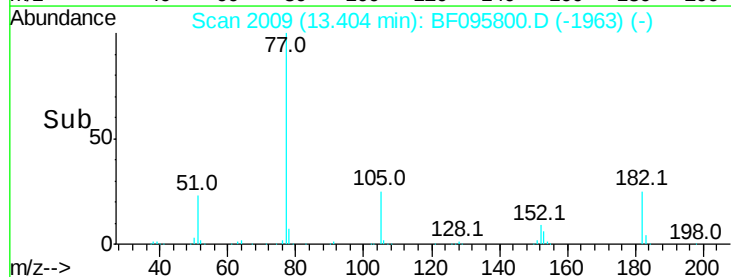
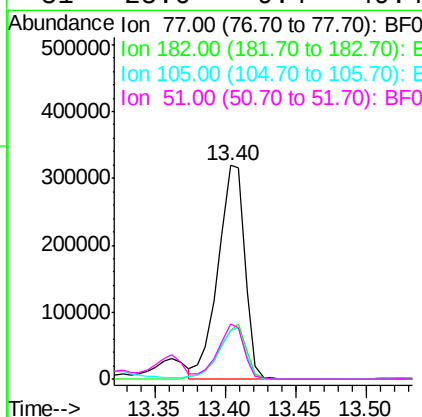
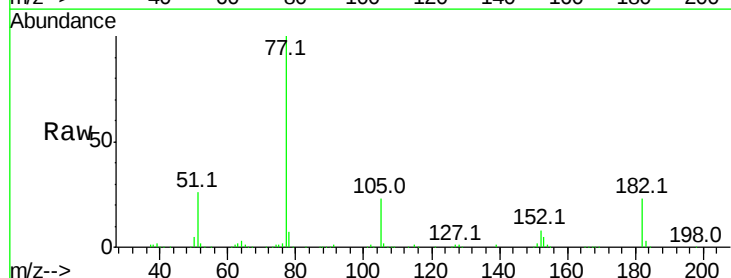
Instrument :
BNA_F
ClientSampleId :

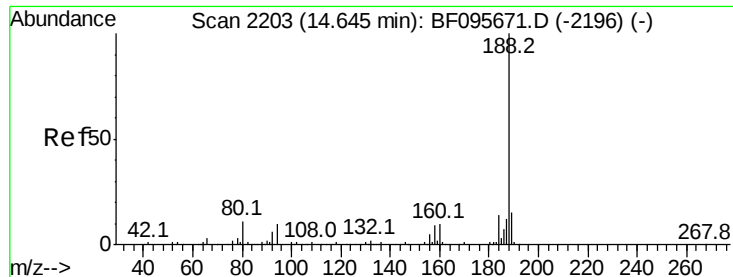
Tot Ion:138 Resp: 98407
Ion Ratio Lower Upper
138 100
92 45.8 21.8 61.8
108 59.5 42.3 82.3



#62
Azobenzene
Concen: 47.36 ng
RT: 13.40 min Scan# 2009
Delta R.T. -0.03 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion: 77 Resp: 421764
Ion Ratio Lower Upper
77 100
182 23.1 0.1 40.1
105 23.1 3.6 43.6
51 25.6 9.4 49.4

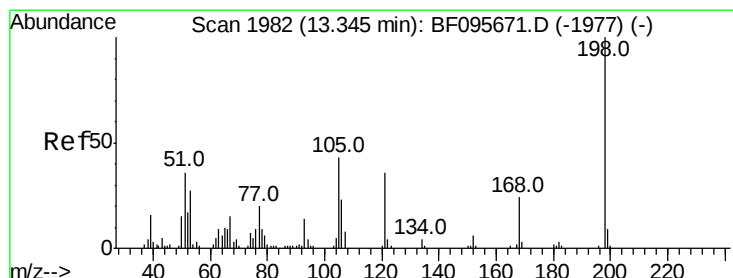
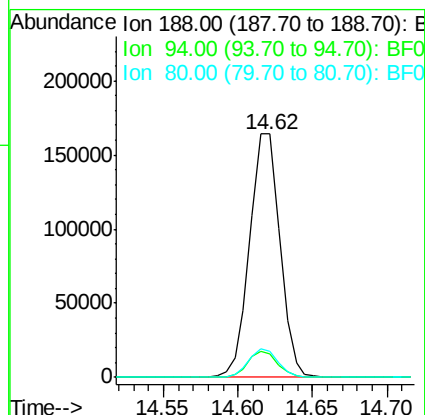
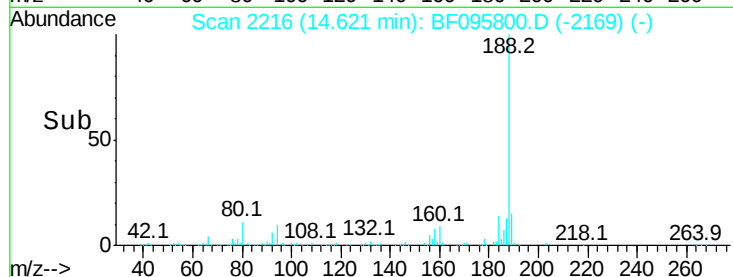
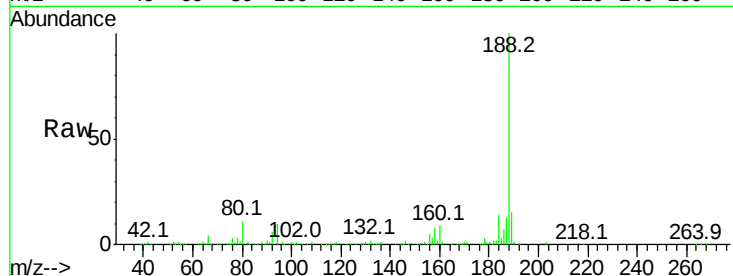




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

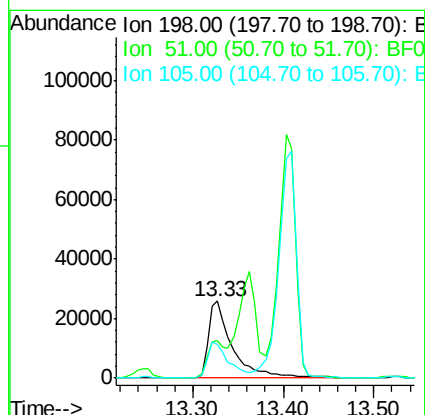
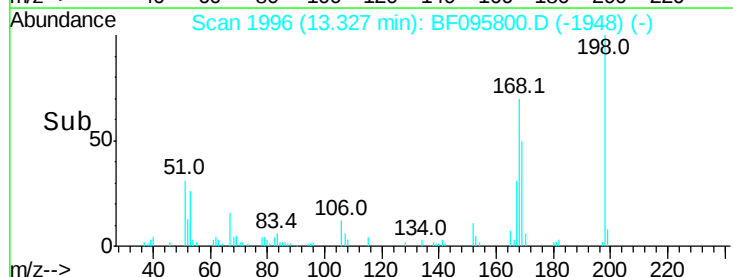
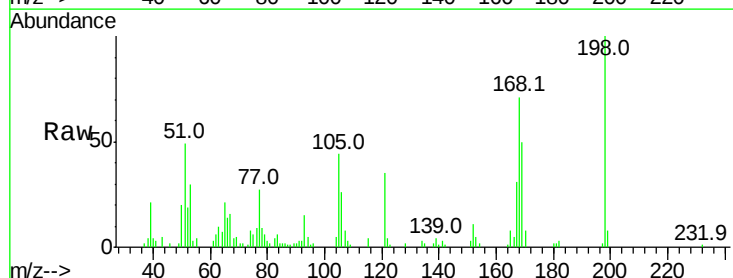
Instrument :
BNA_F
ClientSampleId :

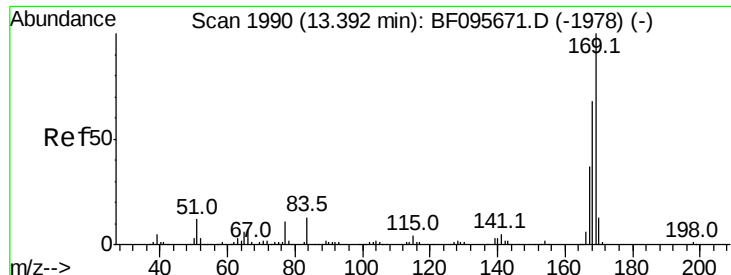
Tot Ion:188 Resp: 230749
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 31.71 ng
RT: 13.33 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion:198 Resp: 48088
Ion Ratio Lower Upper
198 100
51 48.6 53.2 93.2#
105 44.1 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 47.63 ng

RT: 13.36 min Scan# 2002

Delta R.T. -0.03 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

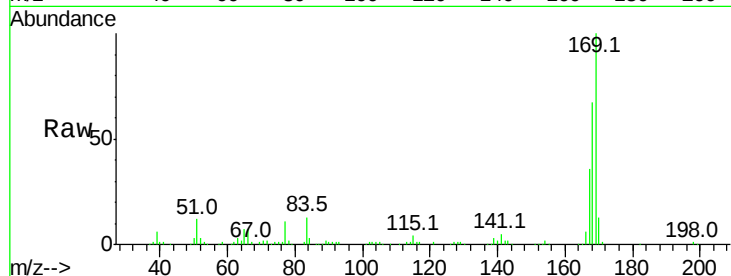
Tot Ion:169 Resp: 394954

Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

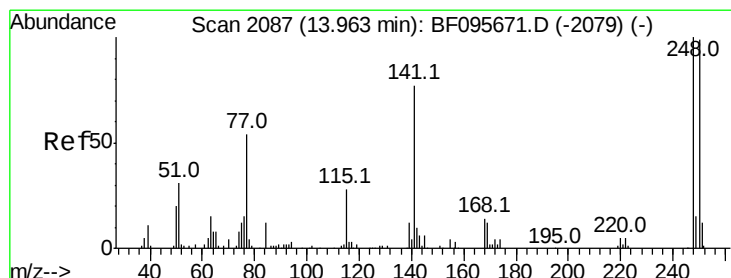
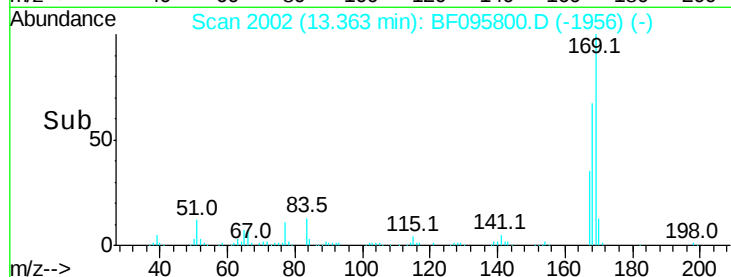
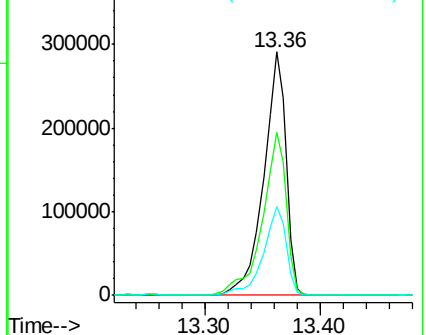
167 36.5 29.5 44.3



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: 47.48 ng

RT: 13.93 min Scan# 2098

Delta R.T. -0.04 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

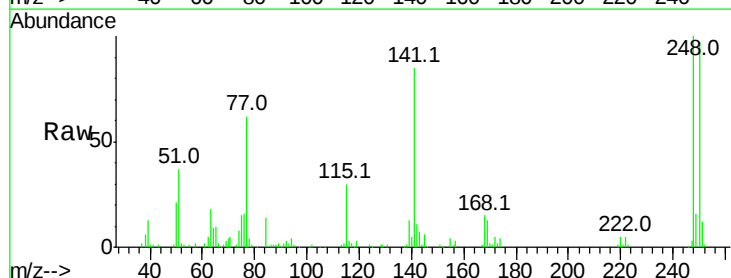
Tgt Ion:248 Resp: 113853

Ion Ratio Lower Upper

248 100

250 97.3 76.8 115.2

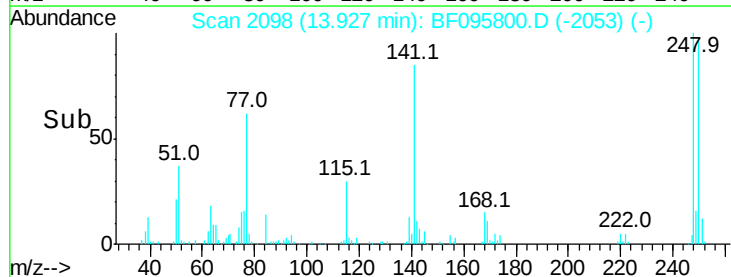
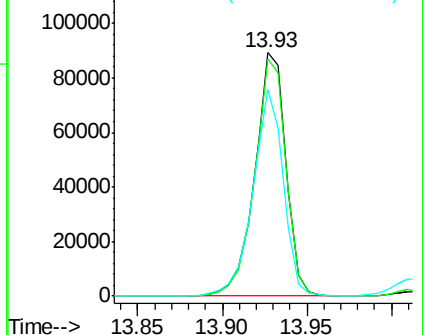
141 84.9 68.6 103.0

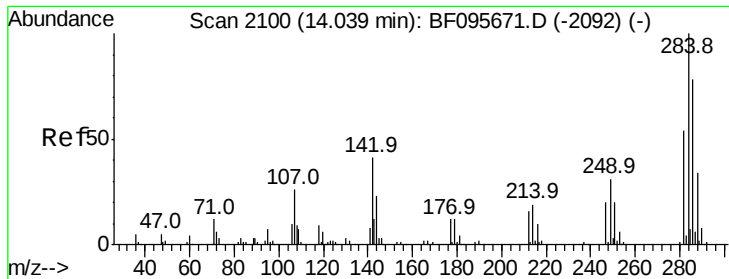


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

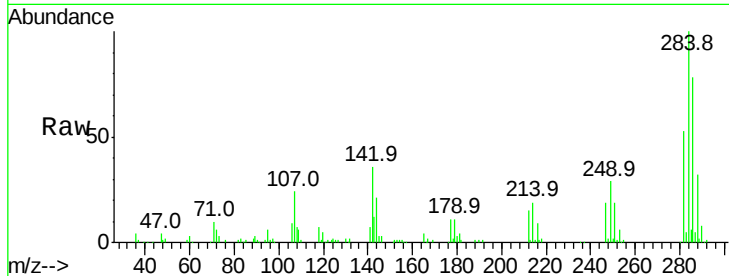




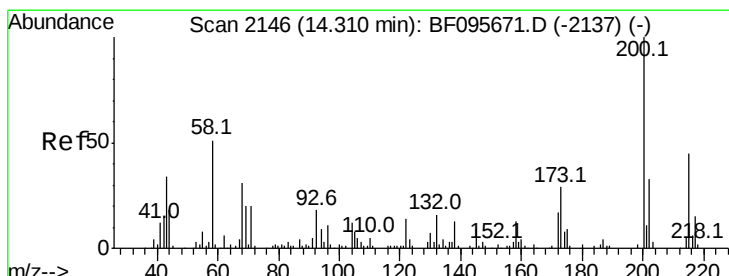
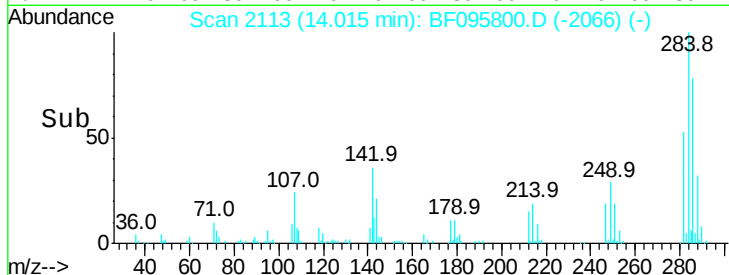
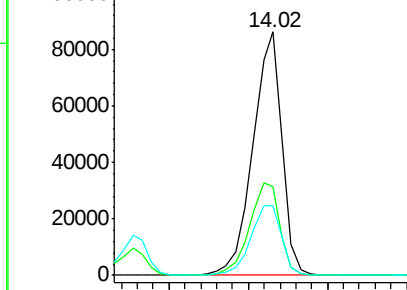
#67
Hexachlorobenzene
Concen: 46.44 ng
RT: 14.02 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 109742
Ion Ratio Lower Upper
284 100
142 36.3 22.8 34.2#
249 28.8 24.0 36.0

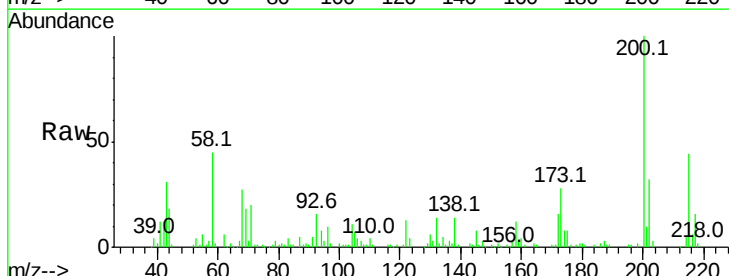


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

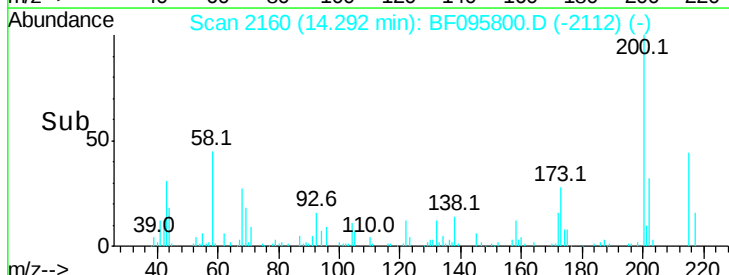
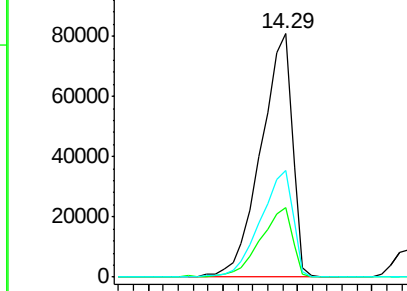


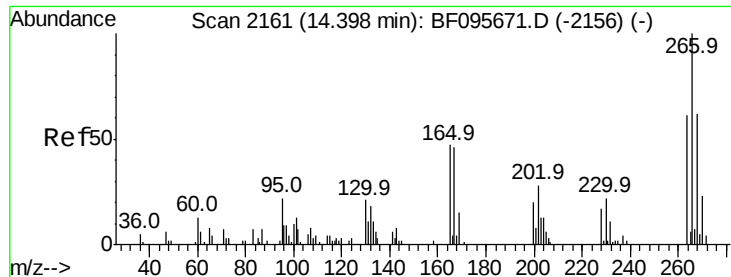
#68
Atrazine
Concen: 50.91 ng
RT: 14.29 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion:200 Resp: 117485
Ion Ratio Lower Upper
200 100
173 28.3 6.3 46.3
215 43.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

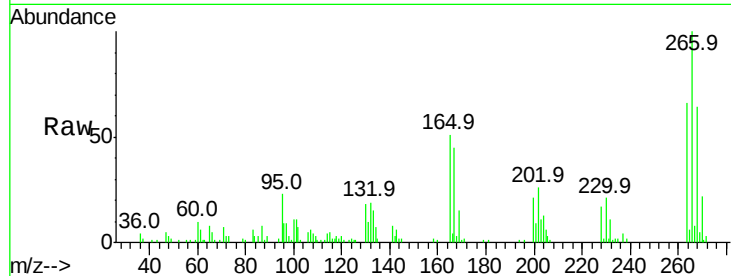




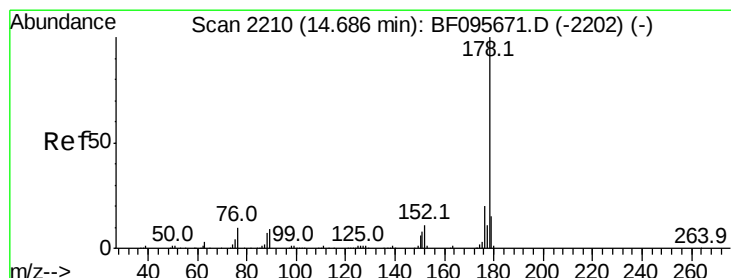
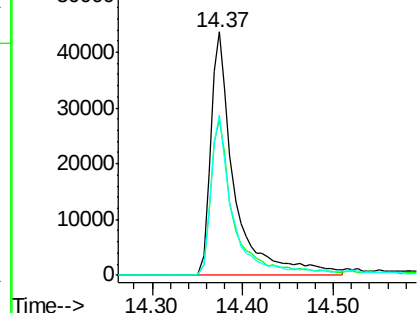
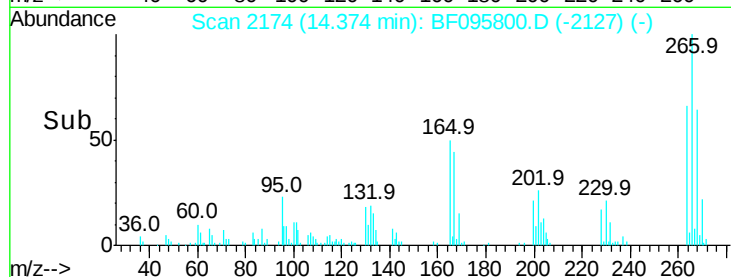
#69
 Pentachlorophenol
 Concen: 88.57 ng
 RT: 14.37 min Scan# 2174
 Delta R.T. -0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	66.0	51.7	77.5

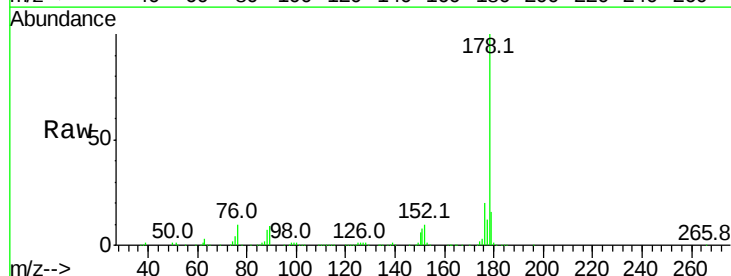


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

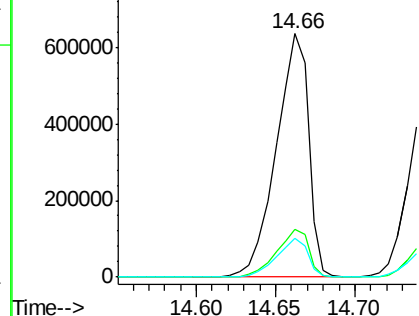
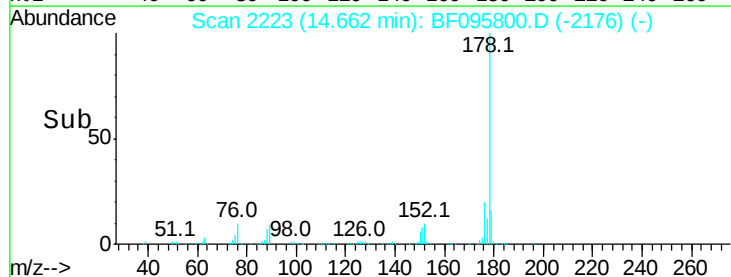


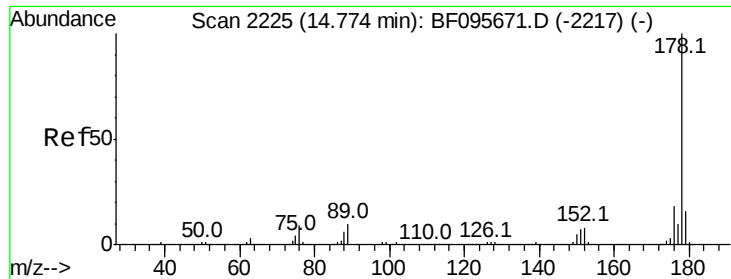
#70
 Phenanthrene
 Concen: 67.75 ng
 RT: 14.66 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	16.0	12.6	19.0



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

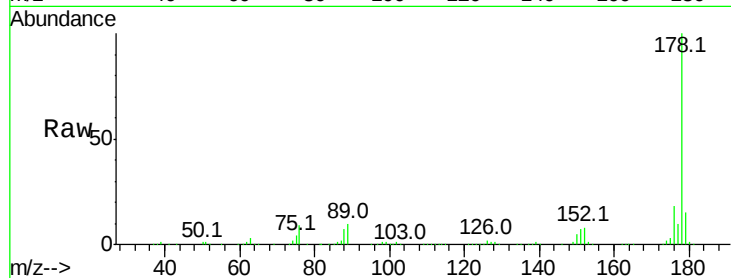




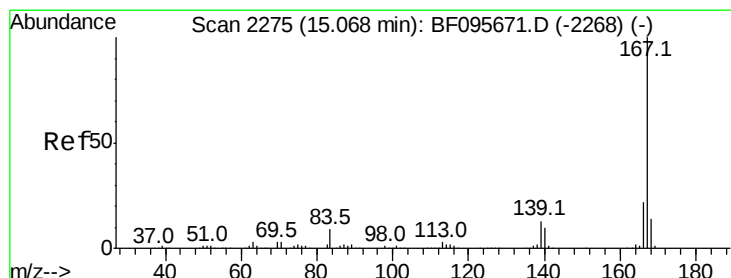
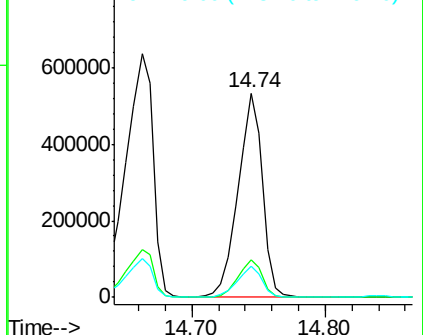
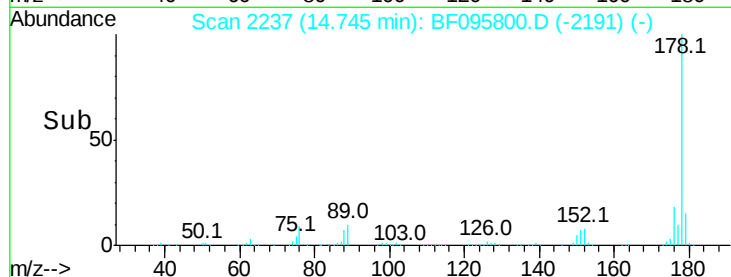
#71
 Anthracene
 Concen: 48.44 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 673280
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.8 23.8
 179 15.2 12.7 19.1

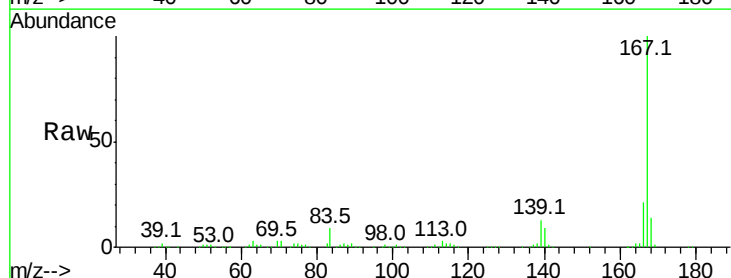


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

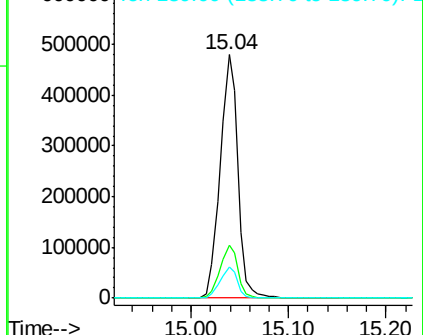
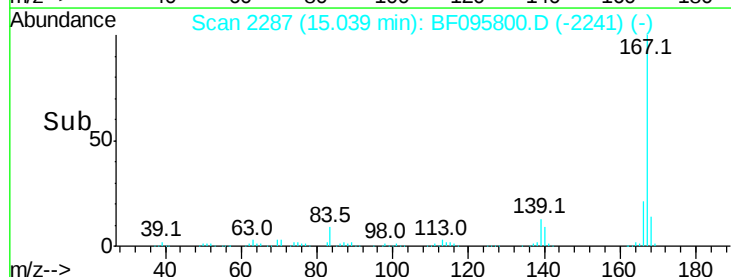


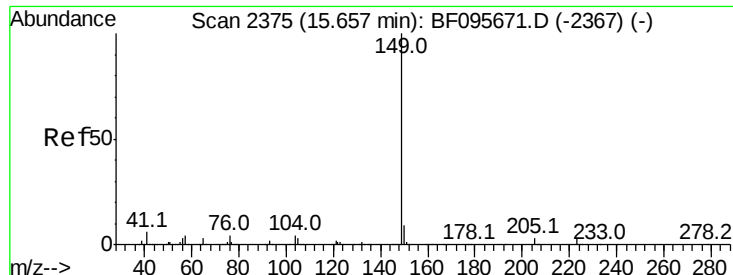
#72
 Carbazole
 Concen: 44.55 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion:167 Resp: 603481
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 12.9 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

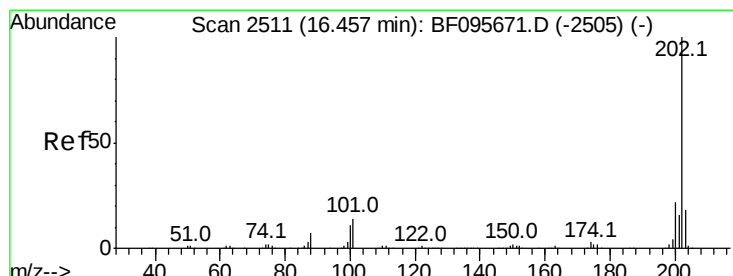
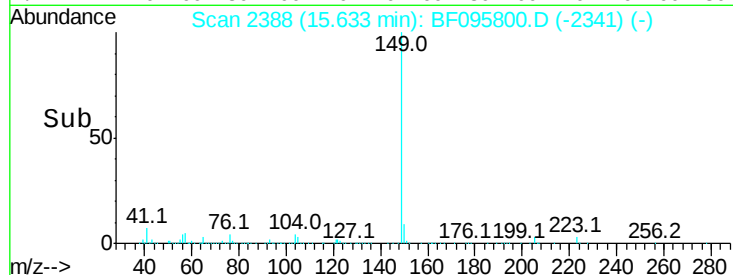
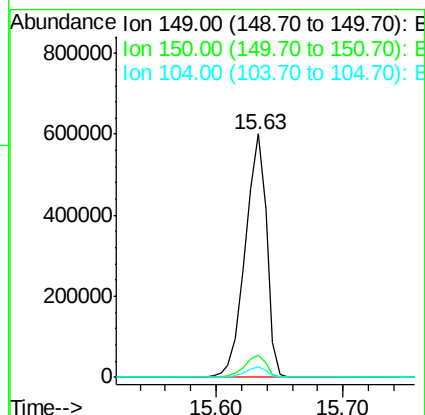
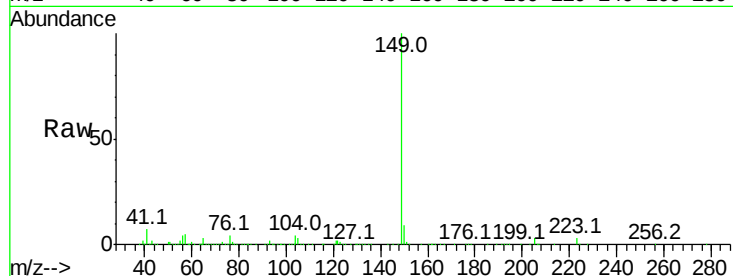




#73
Di-n-butylphthalate
Concen: 48.51 ng
RT: 15.63 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

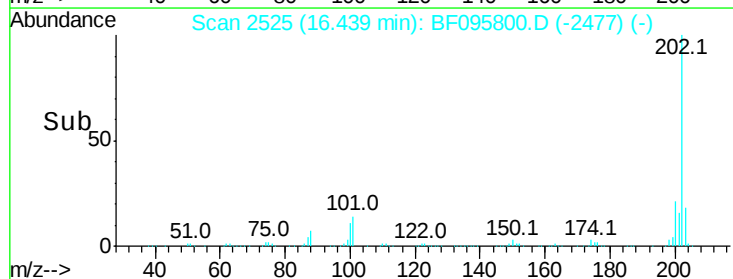
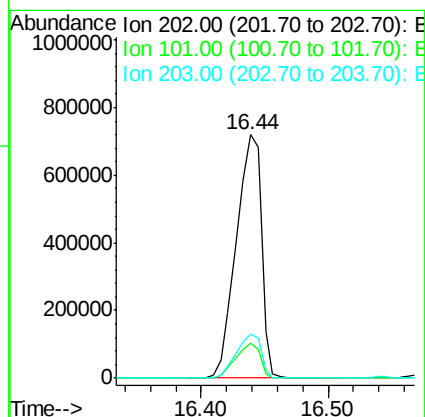
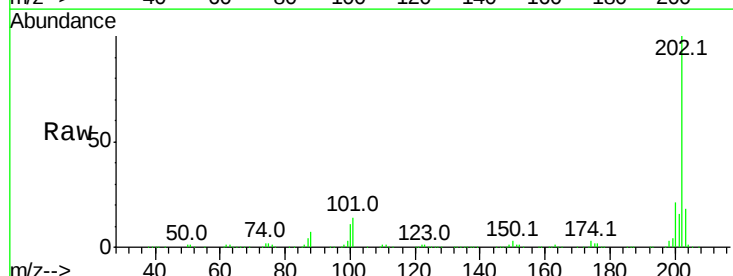
Instrument :
BNA_F
ClientSampleId :

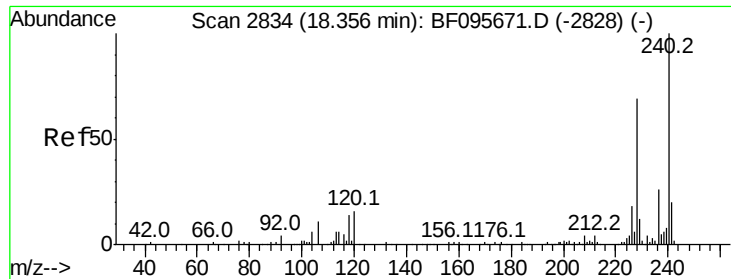
Tot Ion:149 Resp: 699127
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 74.87 ng
RT: 16.44 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion:202 Resp: 986580
Ion Ratio Lower Upper
202 100
101 14.3 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

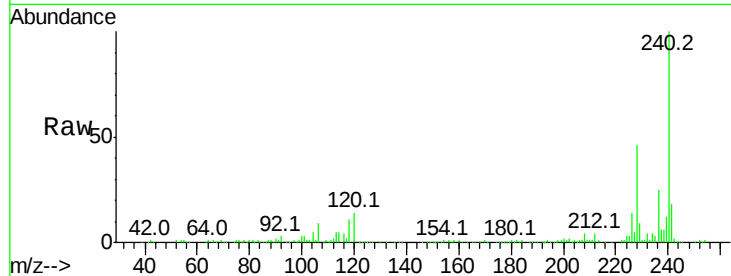
Tot Ion:240 Resp: 146209

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

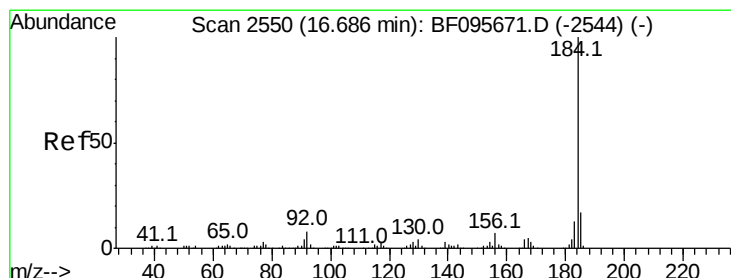
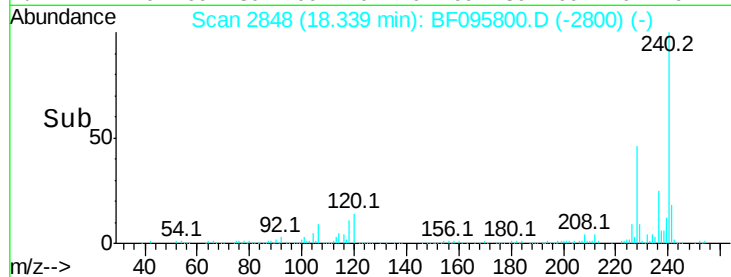
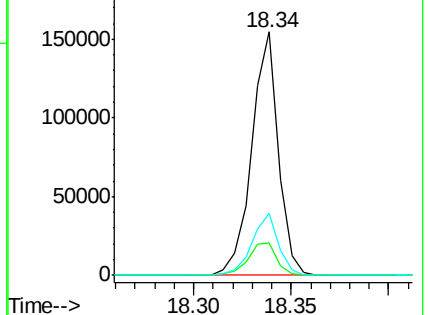
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.48 ng

RT: 16.66 min Scan# 2563

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

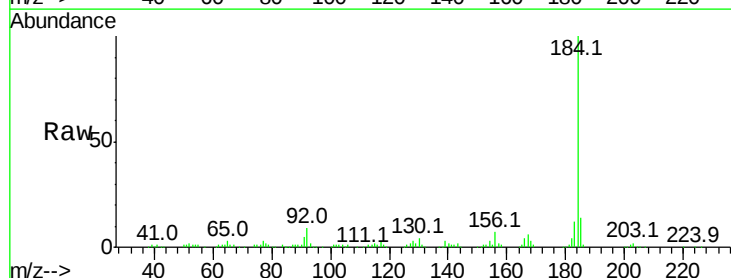
Tgt Ion:184 Resp: 176795

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

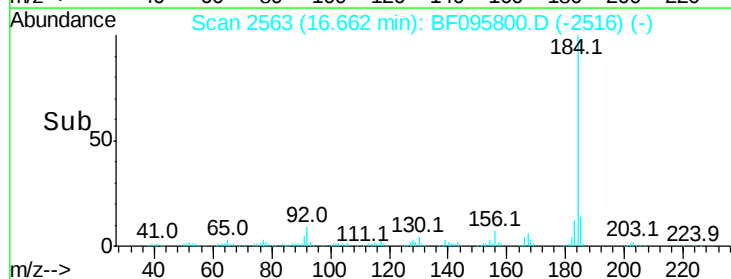
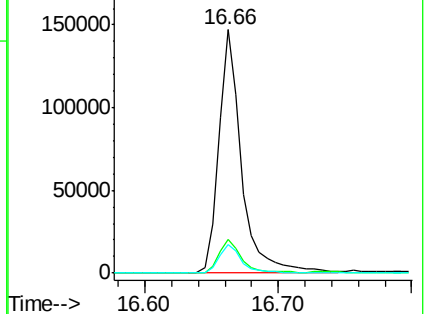
183 11.7 9.8 14.6

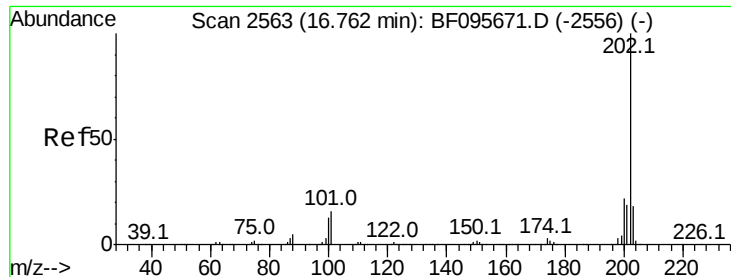


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

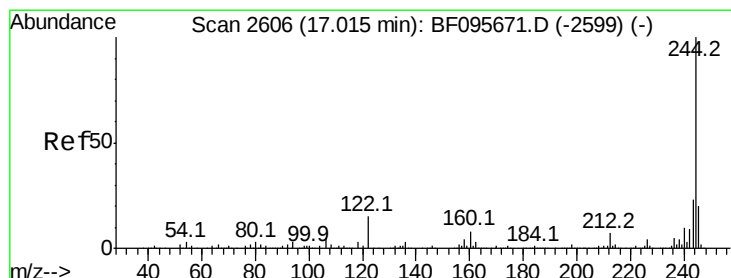
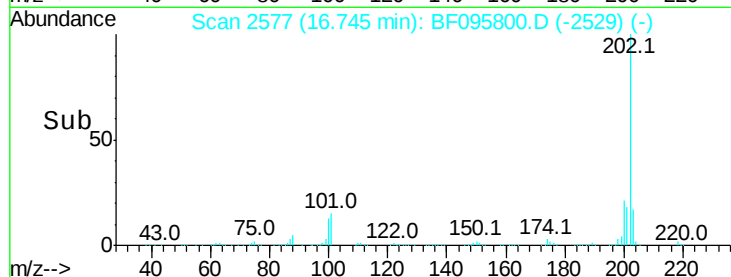
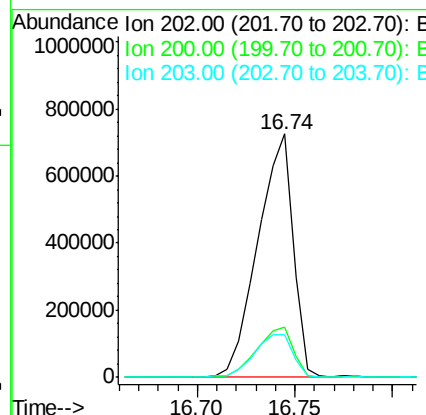
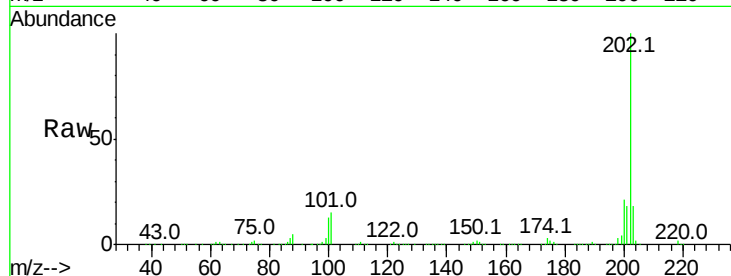




#77
Pvrene
Concen: 83.35 ng
RT: 16.74 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

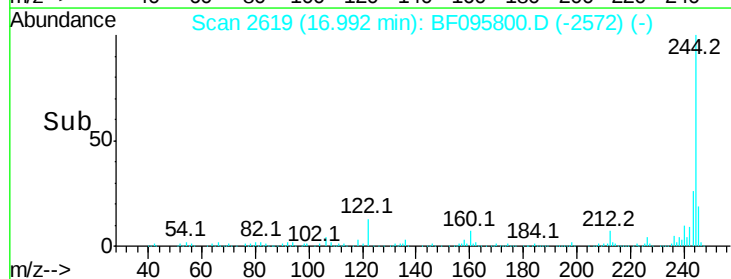
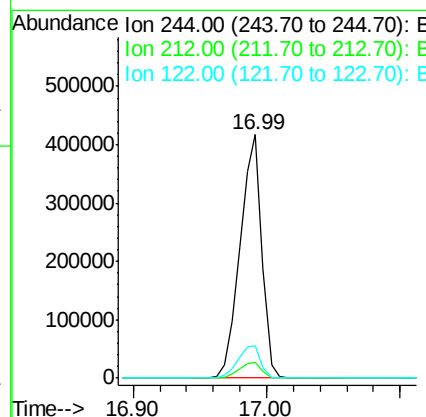
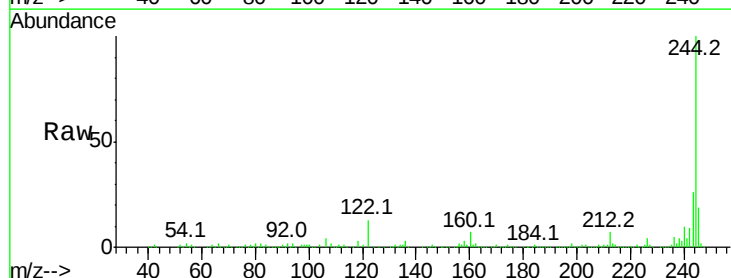
Instrument :
BNA_F
ClientSampled :

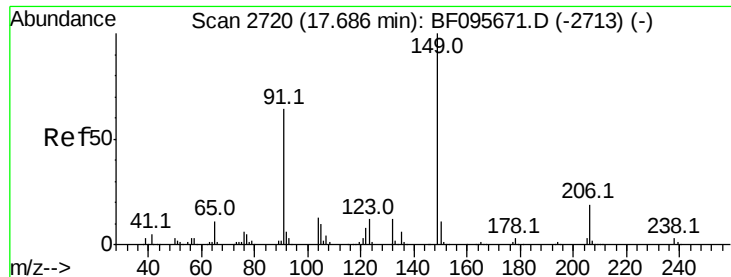
Tot Ion:202 Resp: 909263
Ion Ratio Lower Upper
202 100
200 20.7 17.6 26.4
203 17.5 14.4 21.6



#78
Terphenyl-d14
Concen: 79.94 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion:244 Resp: 470952
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 13.2 10.3 15.5

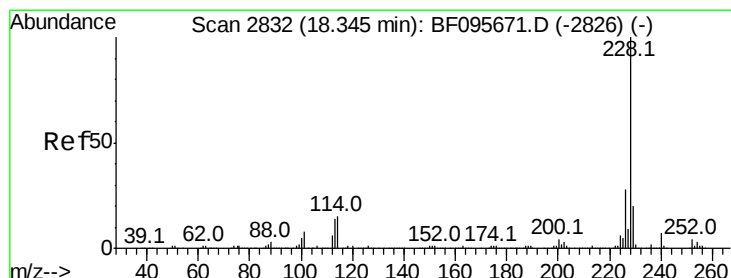
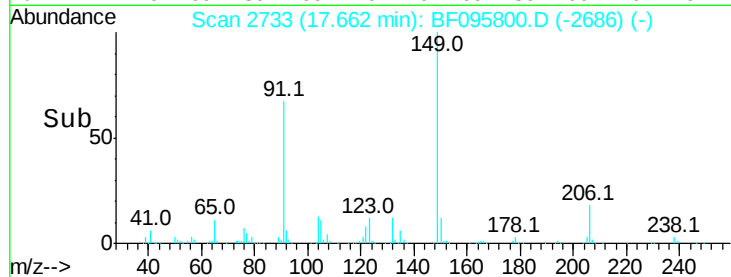
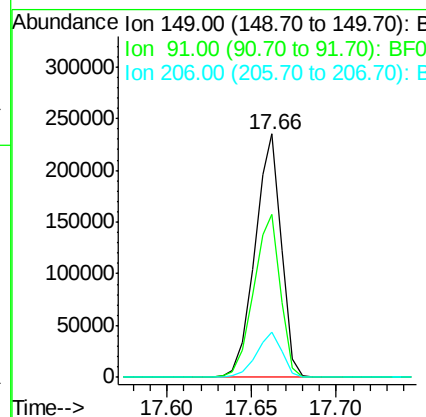
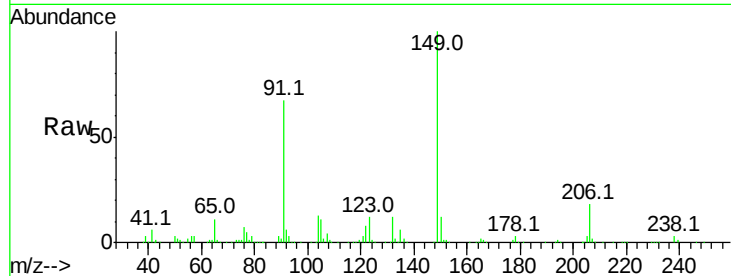




#79
Butylbenzylphthalate
Concen: 53.40 ng
RT: 17.66 min Scan# 2733
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

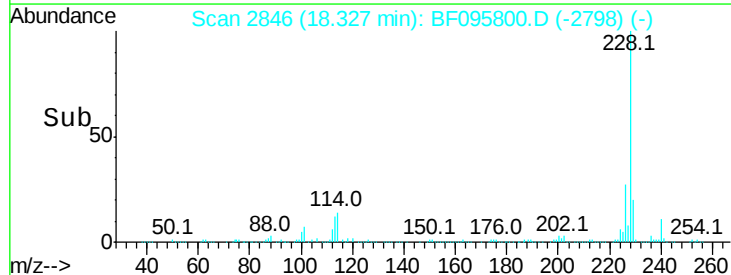
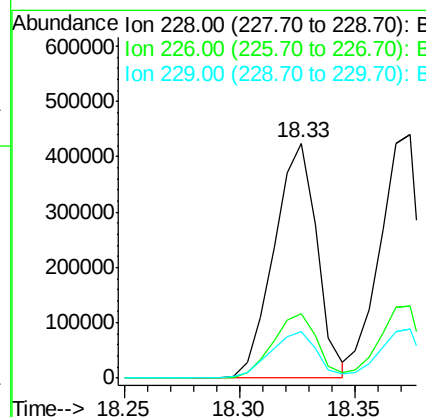
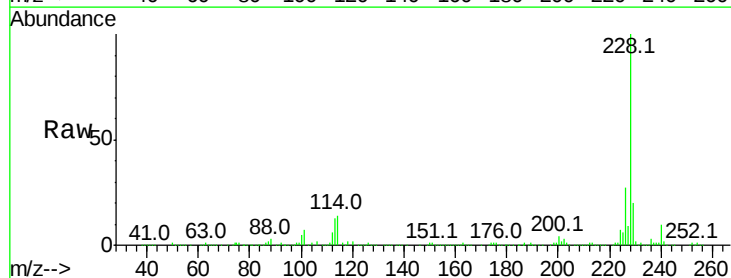
Instrument :
BNA_F
ClientSampleId :

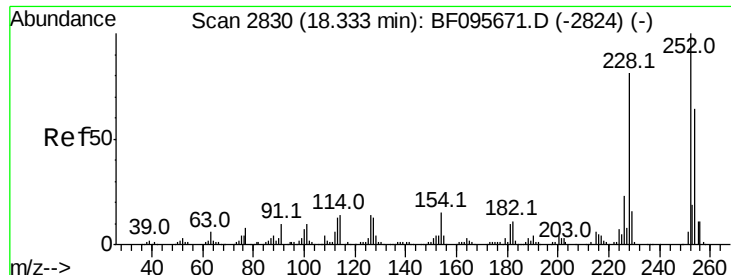
Tot Ion:149 Resp: 254423
Ion Ratio Lower Upper
149 100
91 66.8 45.0 67.4
206 18.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 64.32 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion:228 Resp: 546790
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.9 16.3 24.5

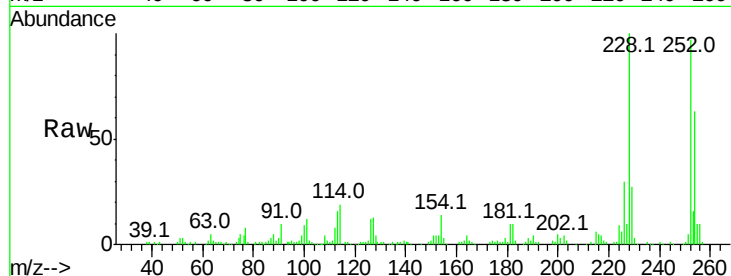




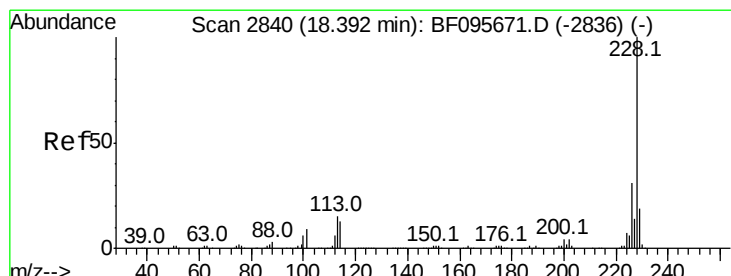
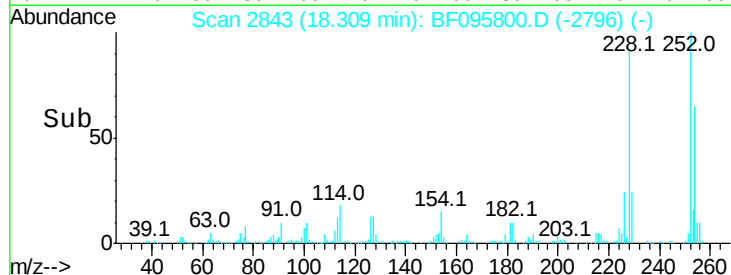
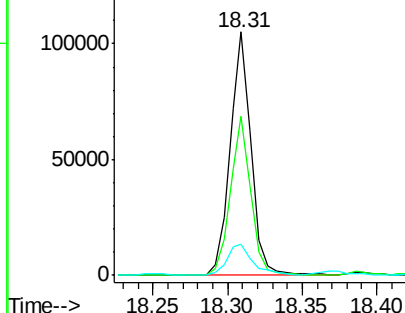
#81
 3,3'-Dichlorobenzidine
 Concen: 34.56 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 104443
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.5 77.3
 126 12.8 15.8 23.8#

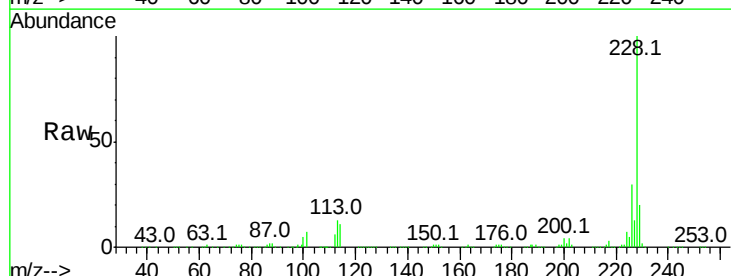


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

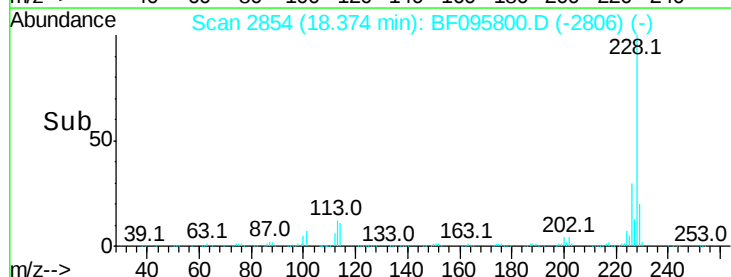
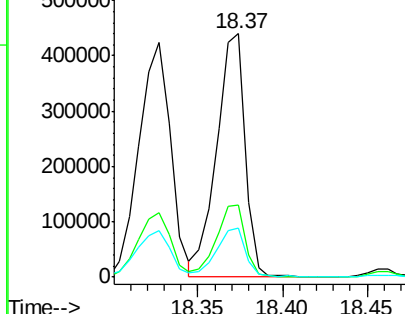


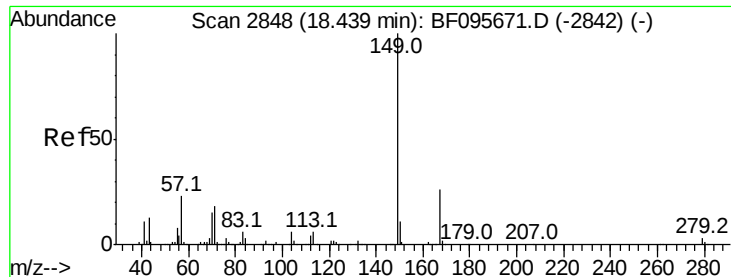
#82
 Chrysene
 Concen: 60.82 ng
 RT: 18.37 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095800.D
 Acq: 9 Jun 2017 00:14

Tgt Ion:228 Resp: 516655
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.9 37.3
 229 20.1 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: 57.23 ng

RT: 18.42 min Scan# 2861

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

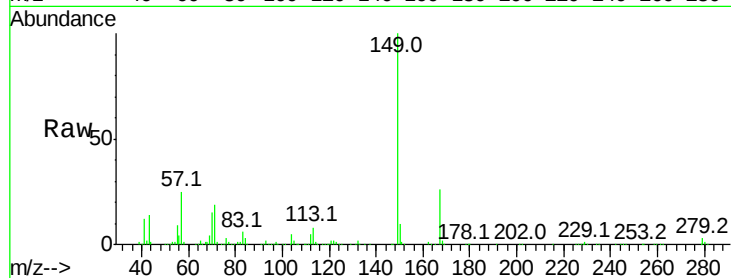
Tot Ion:149 Resp: 384629

Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

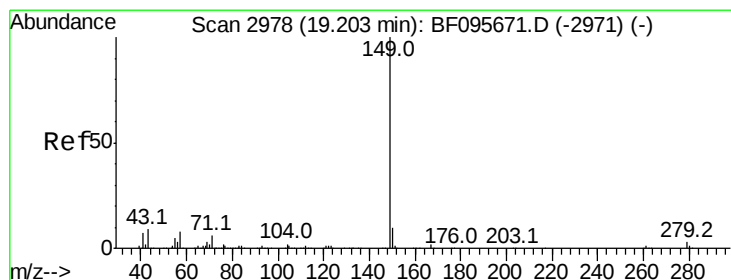
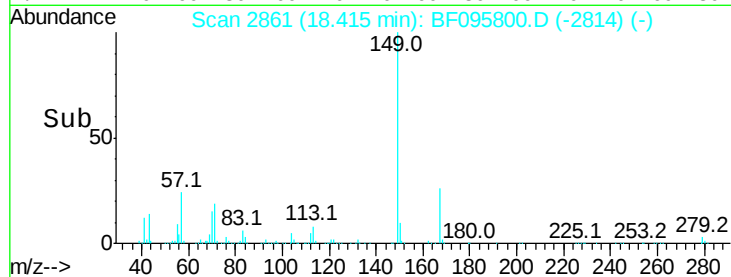
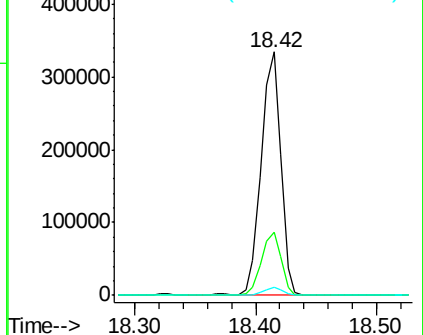
279 3.1 1.9 2.9#



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: 50.61 ng

RT: 19.18 min Scan# 2991

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

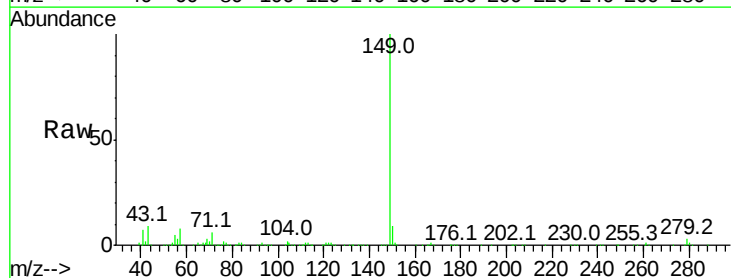
Tgt Ion:149 Resp: 560442

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

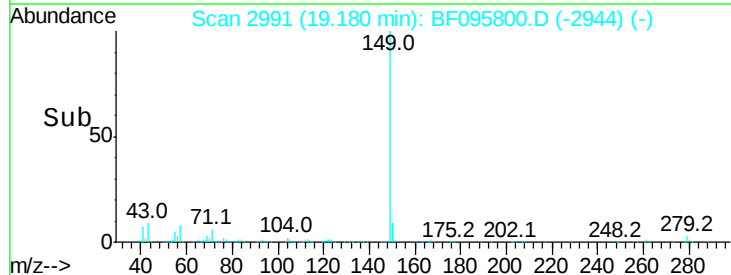
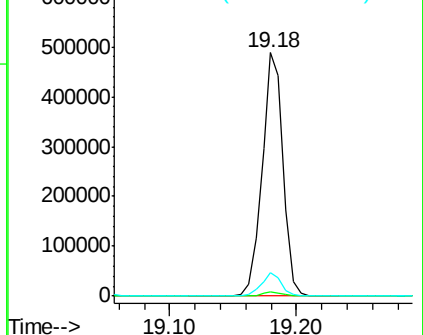
43 8.8 8.5 12.7

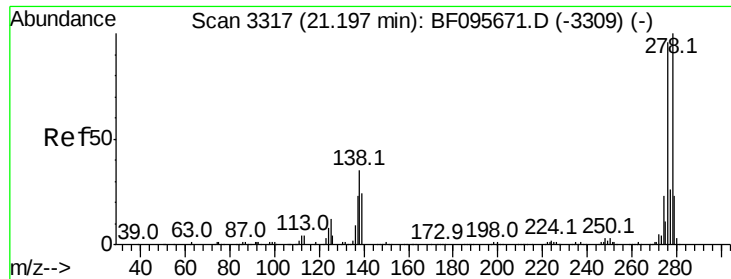


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

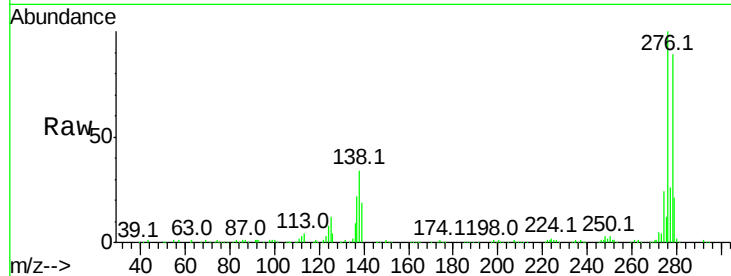




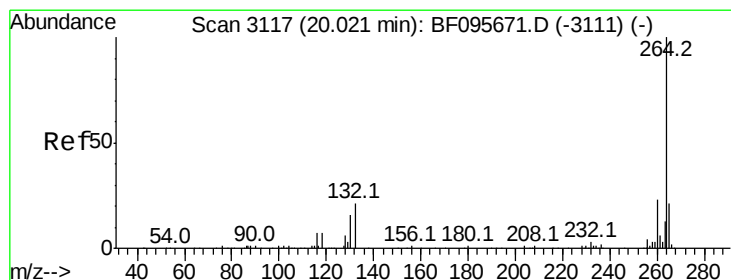
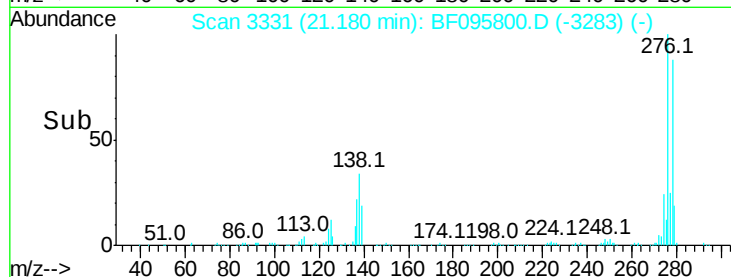
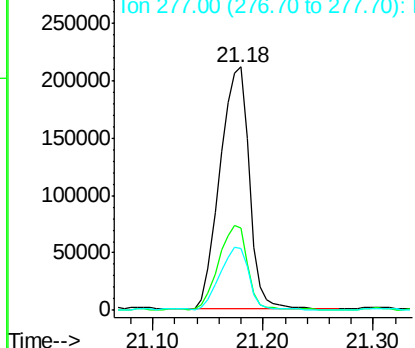
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.00 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 392516
Ion Ratio Lower Upper
276 100
138 33.5 27.8 41.6
277 25.4 20.2 30.4

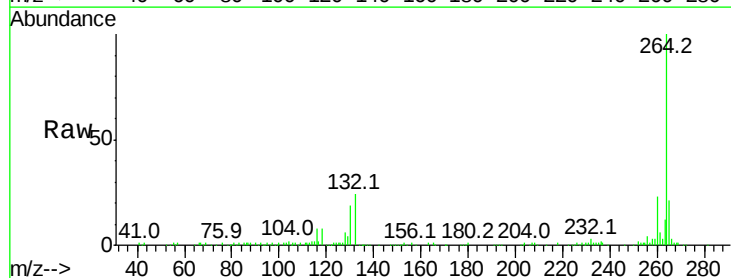


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

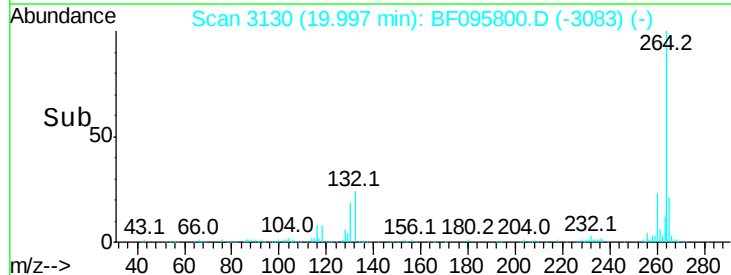
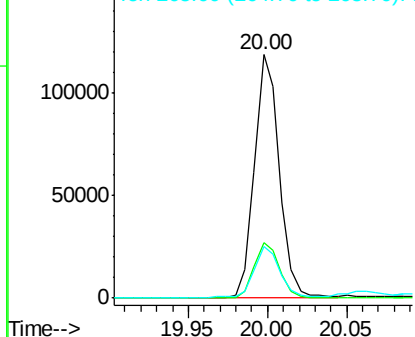


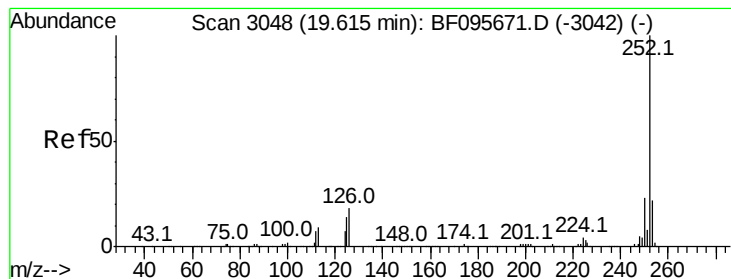
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095800.D
Acq: 9 Jun 2017 00:14

Tgt Ion:264 Resp: 129687
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 21.3 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: 67.44 ng

RT: 19.60 min Scan# 3062

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

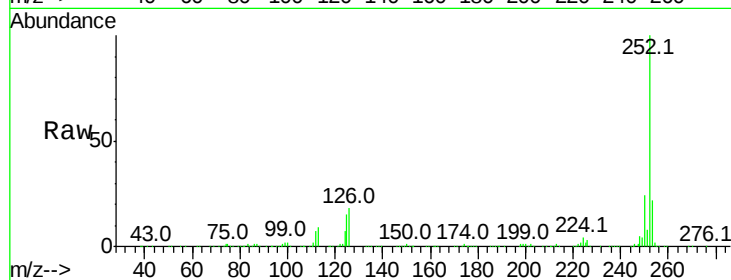
Tot Ion:252 Resp: 547675

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

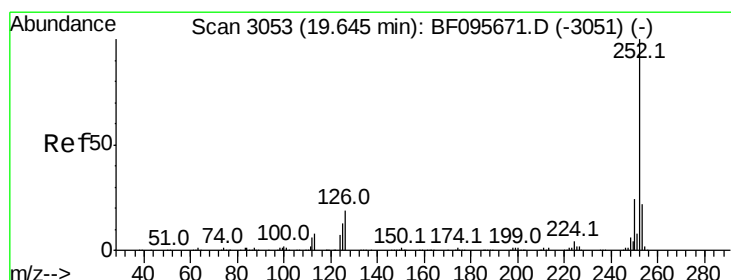
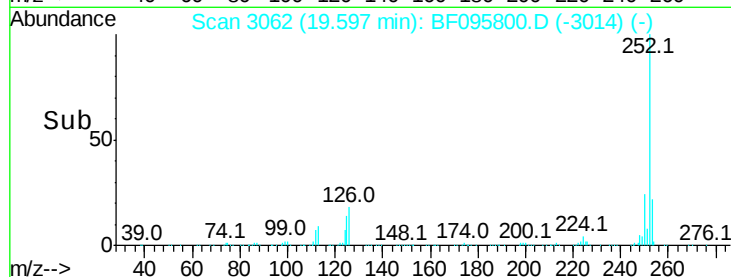
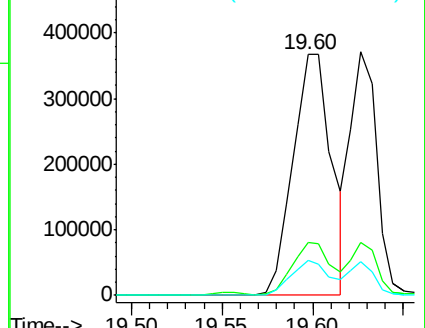
125 14.6 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 48.98 ng

RT: 19.63 min Scan# 3067

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

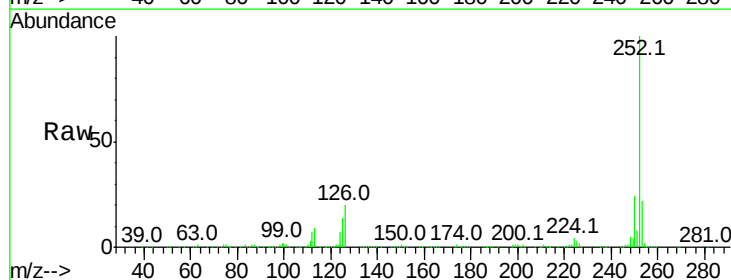
Tgt Ion:252 Resp: 380195

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

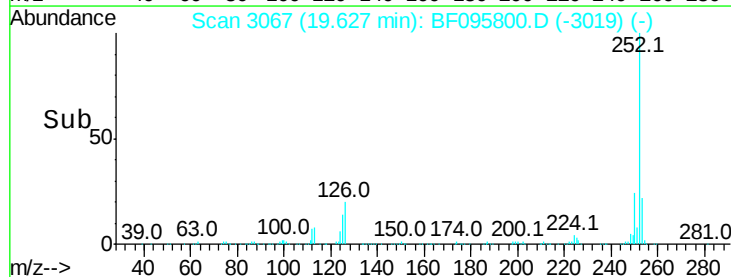
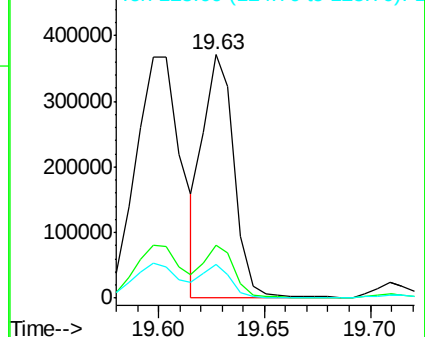
125 14.0 13.1 19.7

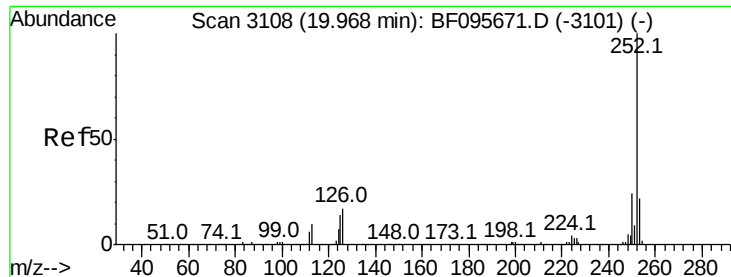


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 60.57 ng

RT: 19.95 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

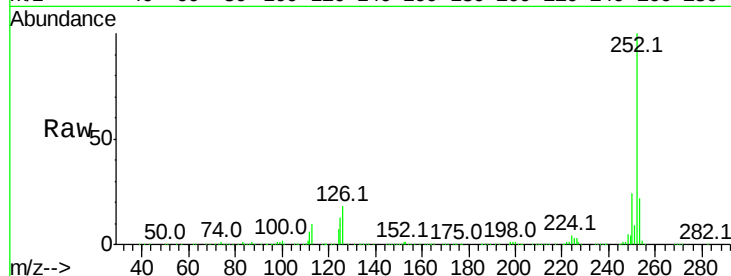
Tot Ion:252 Resp: 452077

Ion Ratio Lower Upper

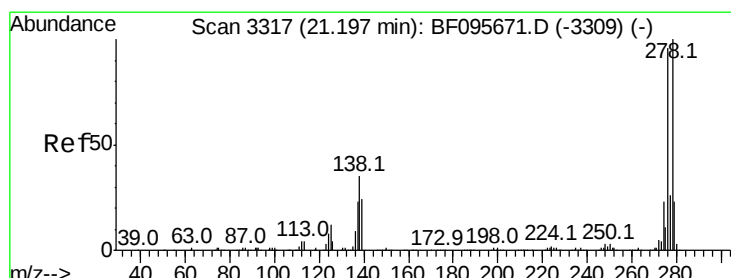
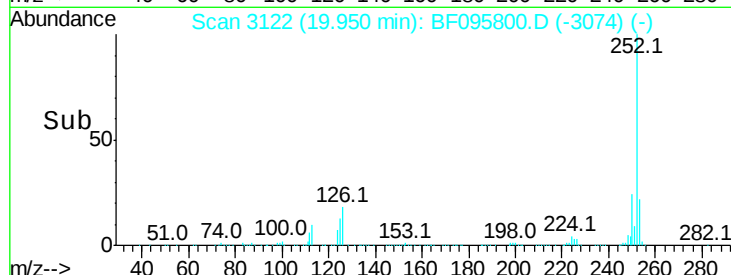
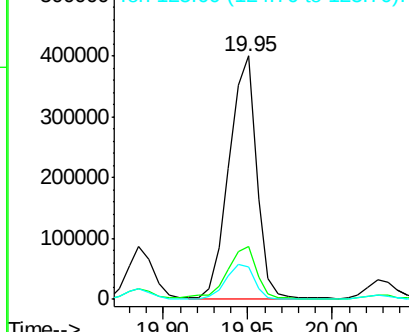
252 100

253 21.9 17.5 26.3

125 13.3 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: 44.45 ng

RT: 21.18 min Scan# 3331

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

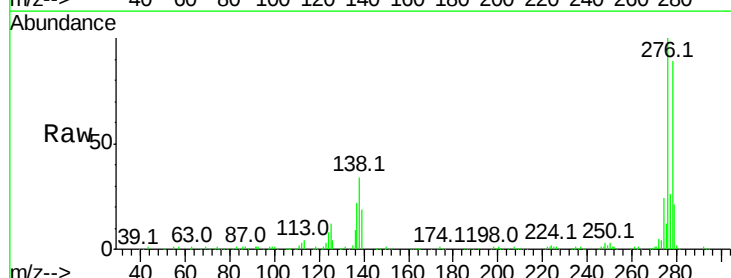
Tgt Ion:278 Resp: 281427

Ion Ratio Lower Upper

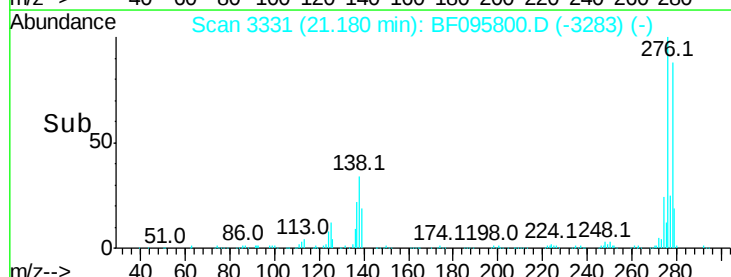
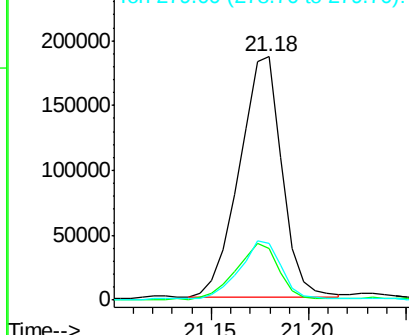
278 100

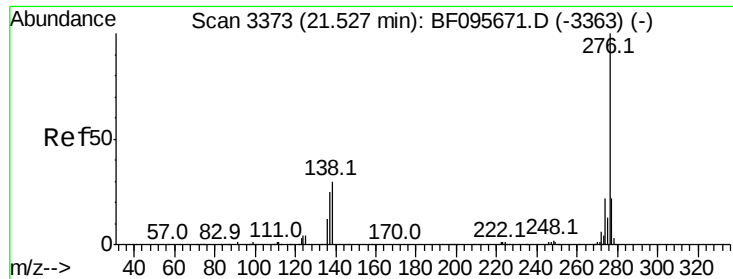
139 21.5 16.6 24.8

279 23.4 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 52.61 ng

RT: 21.50 min Scan# 3386

Delta R.T. -0.02 min

Lab File: BF095800.D

Acq: 9 Jun 2017 00:14

Instrument :

BNA_F

ClientSampleId :

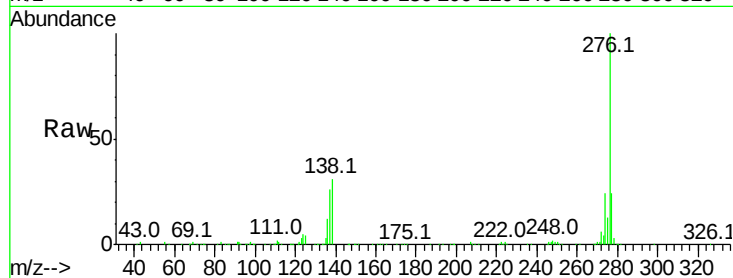
Tot Ion: 276 Resp: 339597

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 30.8 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

