

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095713.D
 Acq On : 6 Jun 2017 17:21
 Operator : SJ/MA
 Sample : PB99510BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 07 02:45:35 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	7.38	152	94058	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	392755	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	183128	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	327005	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	232799	20.00	ng	-0.01
86) Perylene-d12	20.01	264	170542	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	582726	98.72	ng	0.00
7) Phenol-d6	6.95	99	676983	95.80	ng	-0.01
23) Nitrobenzene-d5	8.30	82	398572	63.02	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	150077	92.63	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	841261	63.93	ng	-0.02
78) Terphenyl-d14	17.00	244	675316	71.99	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.79	88	68013	24.22	ng	91
3) Pyridine	2.34	79	172569	26.15	ng	95
4) n-Nitrosodimethylamine	2.30	42	74677	29.76	ng	# 79
6) Aniline	6.88	93	189242	20.47	ng	95
8) 2-Chlorophenol	7.06	128	205502	32.74	ng	95
9) Benzaldehyde	6.69	77	90183	18.92	ng	94
10) Phenol	6.96	94	238526	32.54	ng	88
11) bis(2-Chloroethyl)ether	7.03	93	181021	31.17	ng	96
12) 1,3-Dichlorobenzene	7.28	146	216339	30.45	ng	98
13) 1,4-Dichlorobenzene	7.41	146	222785	30.92	ng	97
14) 1,2-Dichlorobenzene	7.64	146	211110	31.79	ng	95
15) Benzyl Alcohol	7.68	79	161355	33.27	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.88	45	250624	30.72	ng	96
17) 2-Methylphenol	7.91	107	167710	31.84	ng	95
18) Hexachloroethane	8.16	117	73855	31.04	ng	# 85
19) n-Nitroso-di-n-propylamine	8.11	70	141535	31.60	ng	92
20) 3+4-Methylphenols	8.17	107	218418	32.67	ng	# 60
22) Acetophenone	8.07	105	284822	30.98	ng	# 83
24) Nitrobenzene	8.33	77	195680	28.97	ng	92
25) Isophorone	8.73	82	360801	30.55	ng	95
26) 2-Nitrophenol	8.84	139	113981	32.22	ng	100
27) 2,4-Dimethylphenol	8.99	122	179289	32.66	ng	98
28) bis(2-Chloroethoxy)methane	9.11	93	239534	30.77	ng	99
29) 2,4-Dichlorophenol	9.26	162	176870	33.45	ng	97
30) 1,2,4-Trichlorobenzene	9.35	180	171597	31.19	ng	98
31) Naphthalene	9.45	128	593033	30.09	ng	99
32) Benzoic acid	9.32	122	64396	21.88	ng	96
33) 4-Chloroaniline	9.60	127	132476	17.20	ng	# 94
34) Hexachlorobutadiene	9.67	225	88730	31.21	ng	100
35) Caprolactam	10.22	113	29134	18.52	ng	95
36) 4-Chloro-3-methylphenol	10.47	107	181487	32.79	ng	90
37) 2-Methylnaphthalene	10.57	142	413222	31.03	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.86	216	162818	29.71	ng	99
40) Hexachlorocyclopentadiene	10.83	237	106039	64.29	ng	97

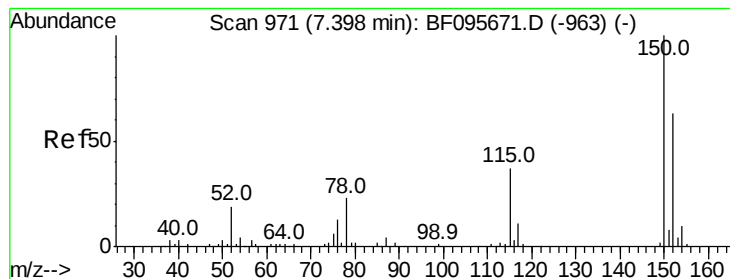
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095713.D
 Acq On : 6 Jun 2017 17:21
 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.08	196	111986	31.78	nq	99
43) 2,4,5-Trichlorophenol	11.17	196	113039	30.16	nq	# 91
45) 1,1'-Biphenyl	11.35	154	462024	30.61	nq	98
46) 2-Chloronaphthalene	11.36	162	358974	30.44	nq	94
47) 2-Nitroaniline	11.57	65	102116	29.59	nq	# 79
48) Acenaphthylene	12.01	152	582032	28.86	nq	98
49) Dimethylphthalate	11.90	163	441931	31.78	nq	99
50) 2,6-Dinitrotoluene	11.99	165	95785	31.58	nq	# 92
51) Acenaphthene	12.29	154	338720	29.08	nq	99
52) 3-Nitroaniline	12.25	138	71260	20.17	nq	84
53) 2,4-Dinitrophenol	12.47	184	38911	27.30	nq	# 71
54) Dibenzofuran	12.58	168	524839	32.02	nq	97
55) 4-Nitrophenol	12.65	139	110590	55.13	nq	# 73
56) 2,4-Dinitrotoluene	12.66	165	128623	31.40	nq	# 91
57) Fluorene	13.13	166	419430	29.40	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	88050	34.33	nq	# 91
59) Diethylphthalate	13.05	149	426541	31.88	nq	99
60) 4-Chlorophenyl-phenylether	13.16	204	190142	30.65	nq	89
61) 4-Nitroaniline	13.25	138	93734	28.41	nq	97
62) Azobenzene	13.42	77	385316	31.77	nq	95
64) 4,6-Dinitro-2-methylphenol	13.33	198	40563	18.87	nq	# 71
65) n-Nitrosodiphenylamine	13.37	169	362832	30.88	nq	98
66) 4-Bromophenyl-phenylether	13.94	248	107467	31.62	nq	96
67) Hexachlorobenzene	14.02	284	104545	31.22	nq	# 87
68) Atrazine	14.30	200	106622	32.60	nq	97
69) Pentachlorophenol	14.38	266	62800	51.98	nq	100
70) Phenanthrene	14.67	178	580507	30.77	nq	97
71) Anthracene	14.76	178	603703	30.65	nq	98
72) Carbazole	15.05	167	536159	27.93	nq	98
73) Di-n-butylphthalate	15.64	149	676598	33.13	nq	# 98
74) Fluoranthene	16.44	202	566919	30.36	nq	99
76) Benzidine	16.67	184	192209	21.50	nq	# 93
77) Pyrene	16.74	202	574962	33.10	nq	99
79) Butylbenzylphthalate	17.67	149	268979	35.46	nq	93
80) Benzo(a)anthracene	18.33	228	421395	31.13	nq	98
81) 3,3'-Dichlorobenzidine	18.32	252	89676	18.64	nq	# 96
82) Chrysene	18.37	228	412317	30.48	nq	99
83) Bis(2-ethylhexyl)phthalate	18.43	149	375747	35.11	nq	# 99
84) Di-n-octyl phthalate	19.19	149	582494	33.03	nq	# 95
85) Indeno(1,2,3-cd)pyrene	21.18	276	323439	27.95	nq	100
87) Benzo(b)fluoranthene	19.60	252	321073	30.07	nq	98
88) Benzo(k)fluoranthene	19.60	252	321073	31.46	nq	96
89) Benzo(a)pyrene	19.95	252	307131	31.29	nq	98
90) Dibenzo(a,h)anthracene	21.18	278	272139	32.69	nq	96
91) Benzo(g,h,i)perylene	21.51	276	281751	33.19	nq	98

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

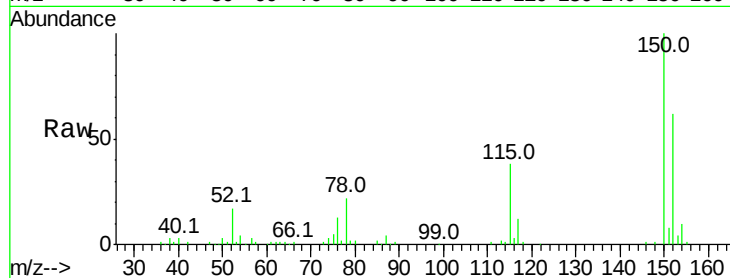


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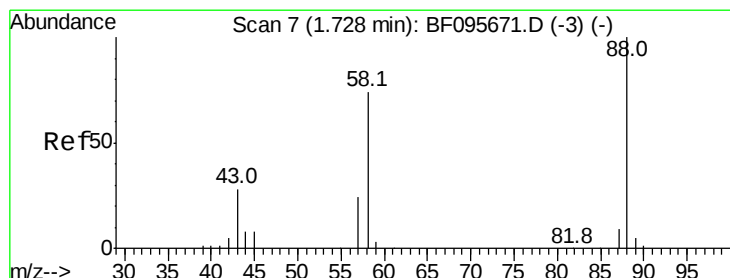
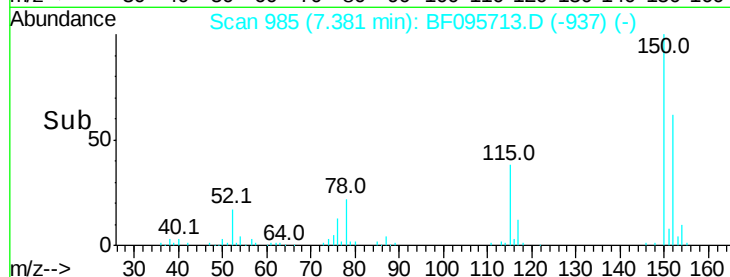
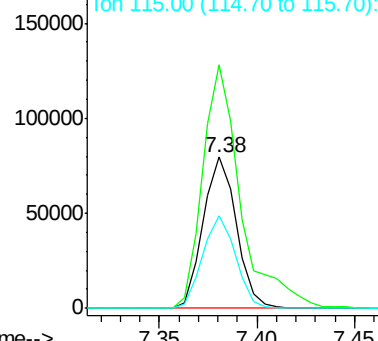
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94058
Ion Ratio Lower Upper
152 100
150 161.4 126.2 189.2
115 61.7 52.2 78.2



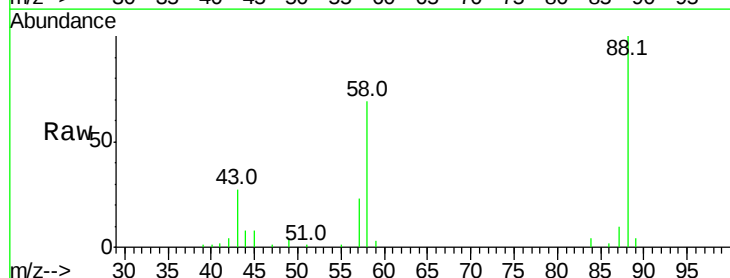
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



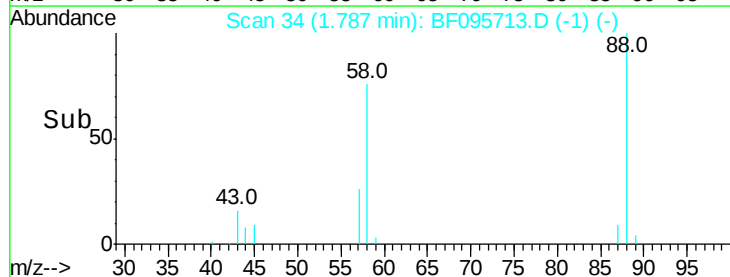
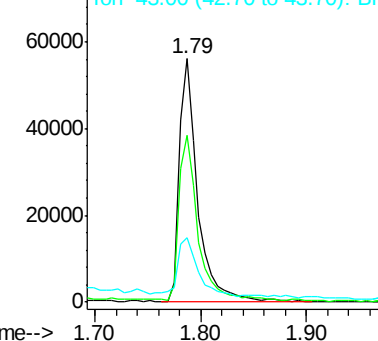
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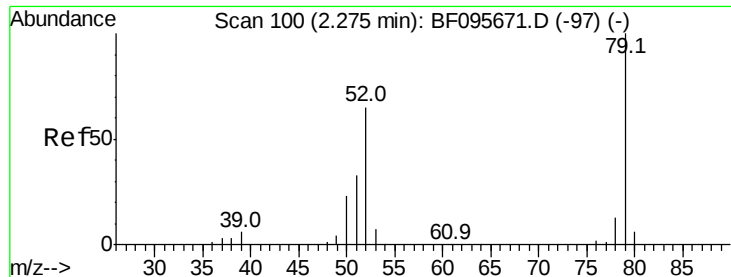
1,4-Dioxane
Concen: 24.22 ng
RT: 1.79 min Scan# 34
Delta R.T. 0.06 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion: 88 Resp: 68013
Ion Ratio Lower Upper
88 100
58 68.8 61.4 92.0
43 25.4 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

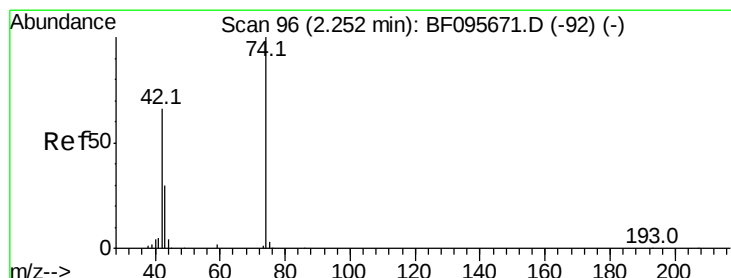
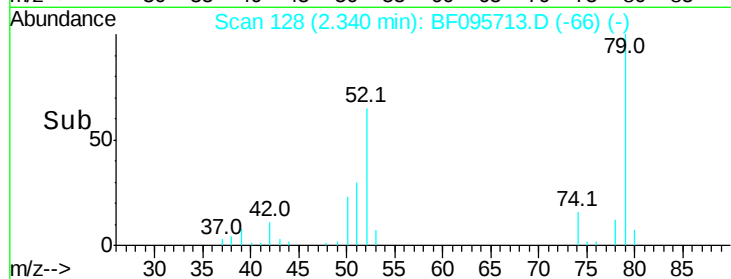
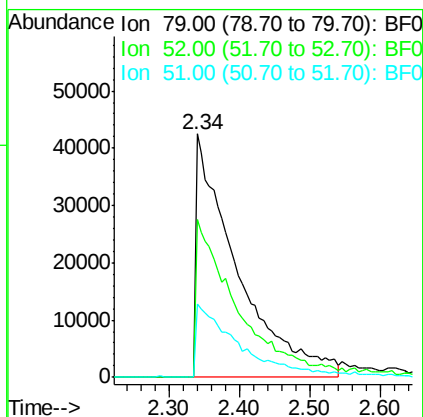
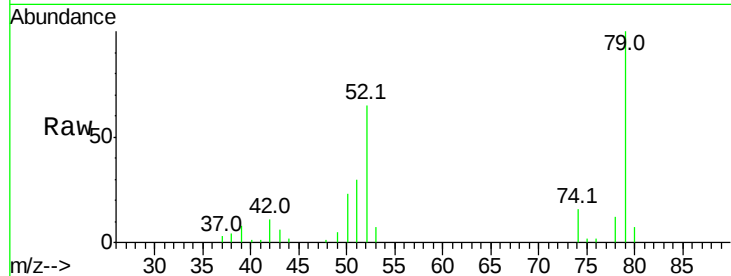




#3
 Pvridine
 Concen: 26.15 ng
 RT: 2.34 min Scan# 128
 Delta R.T. 0.06 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

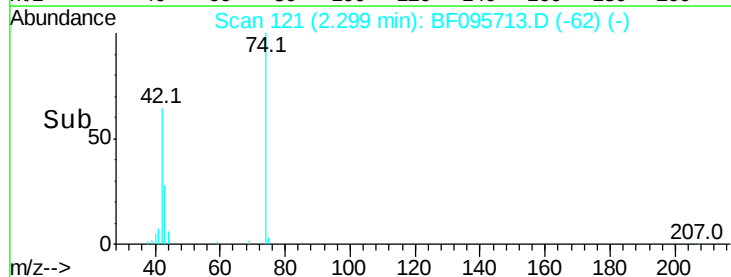
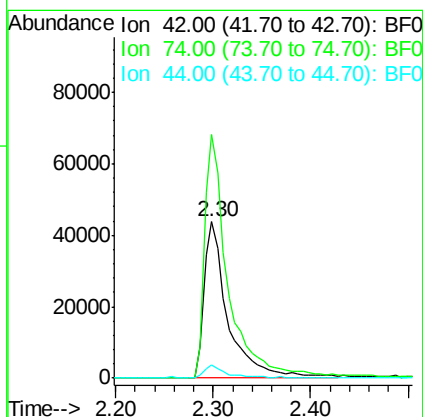
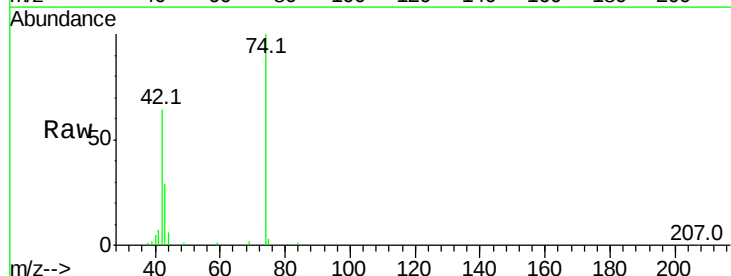
Instrument :
 BNA_F
 ClientSampleId :

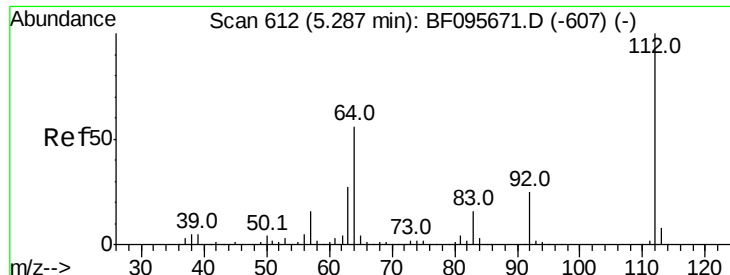
Tot Ion: 79 Resp: 172569
 Ion Ratio Lower Upper
 79 100
 52 64.8 54.8 82.2
 51 30.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 29.76 ng
 RT: 2.30 min Scan# 121
 Delta R.T. 0.05 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion: 42 Resp: 74677
 Ion Ratio Lower Upper
 42 100
 74 155.7 103.9 155.9
 44 8.8 5.7 8.5#





#5

2-Fluorophenol

Concen: 98.72 ng

RT: 5.29 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampled :

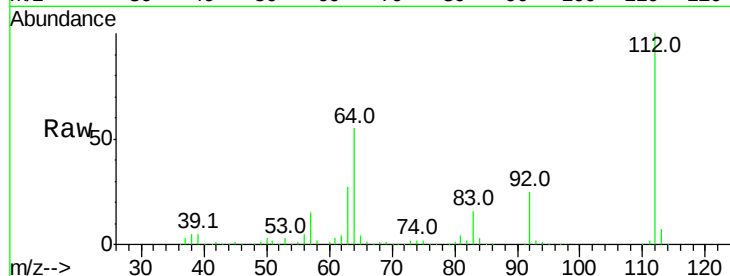
Tot Ion:112 Resp: 582726

Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

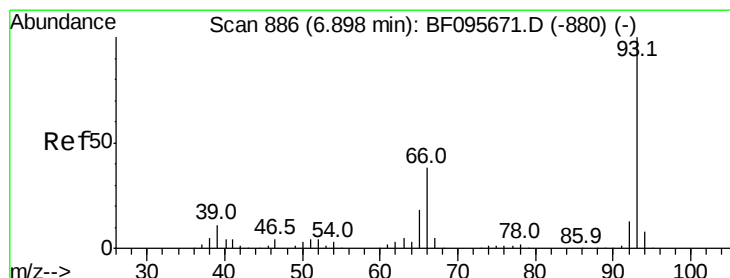
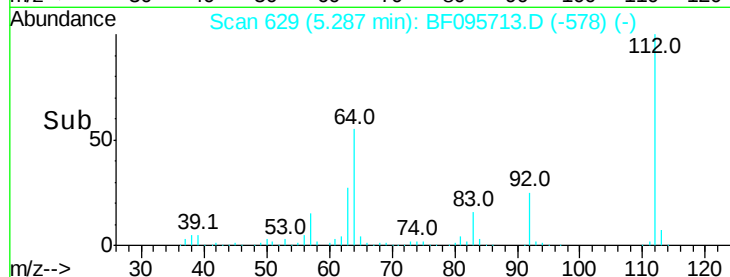
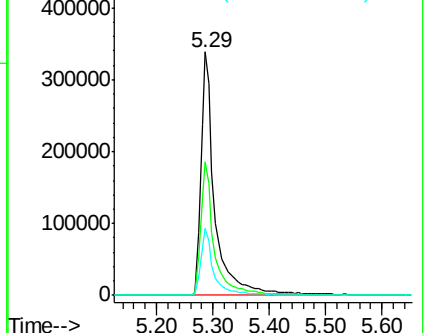
63 27.3 23.4 35.0



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: 20.47 ng

RT: 6.88 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

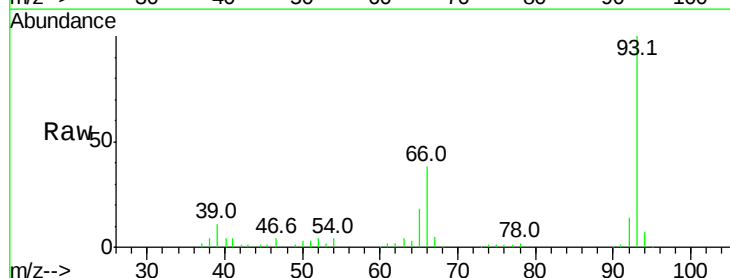
Tgt Ion: 93 Resp: 189242

Ion Ratio Lower Upper

93 100

66 37.6 32.9 49.3

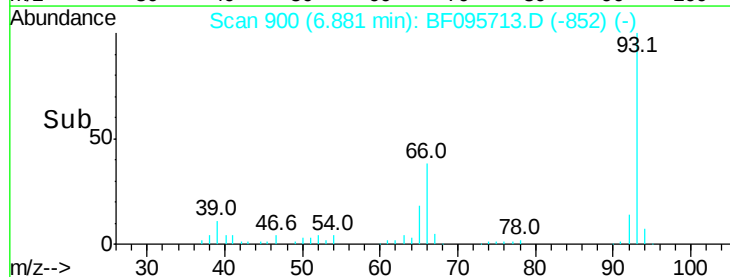
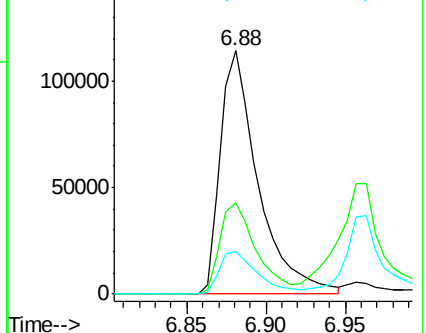
65 17.5 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 95.80 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampled :

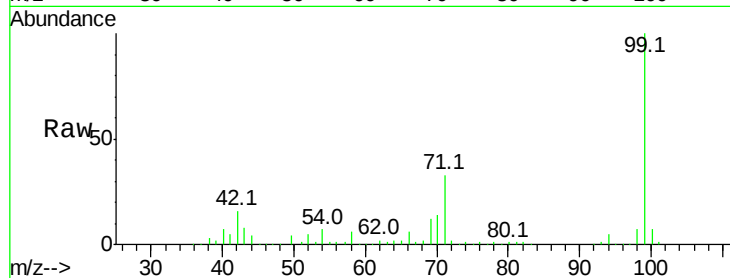
Tot Ion: 99 Resp: 676983

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

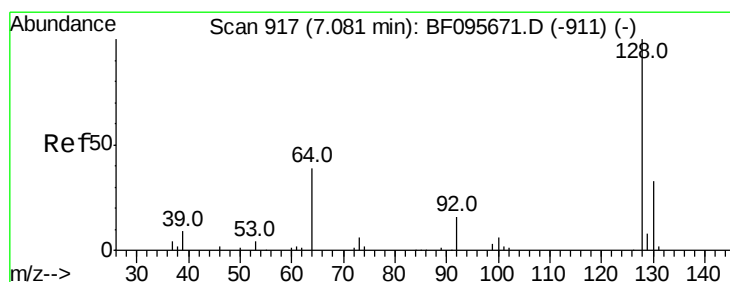
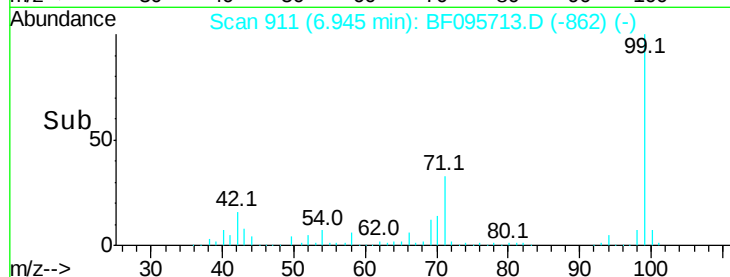
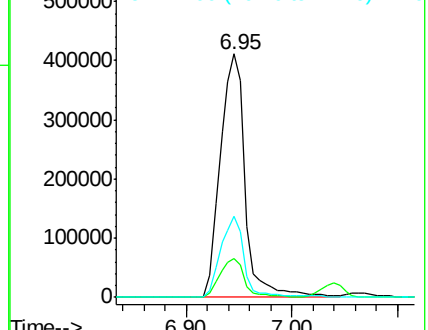
71 33.1 24.5 36.7



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: 32.74 ng

RT: 7.06 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

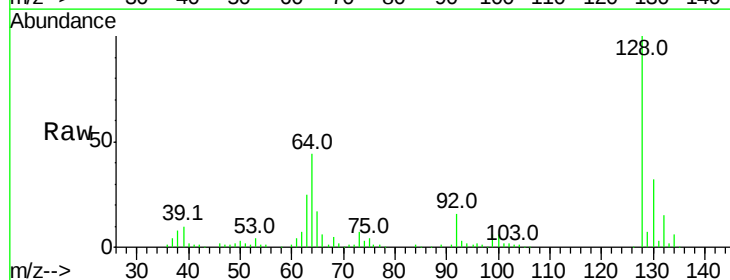
Tgt Ion:128 Resp: 205502

Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

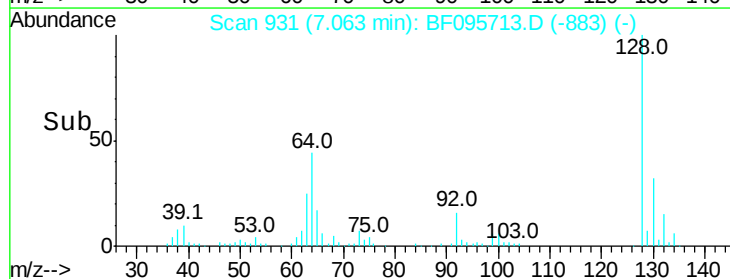
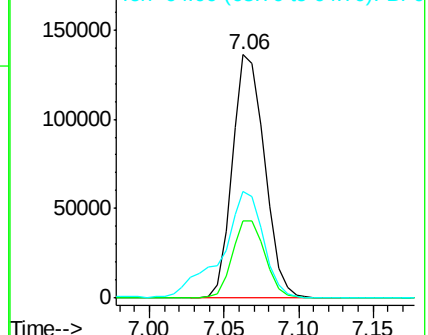
64 43.9 28.4 68.4

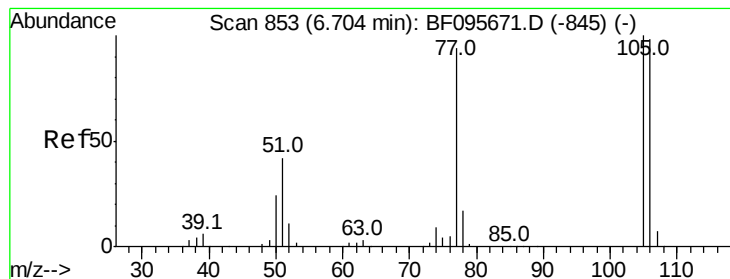


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.92 ng

RT: 6.69 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :

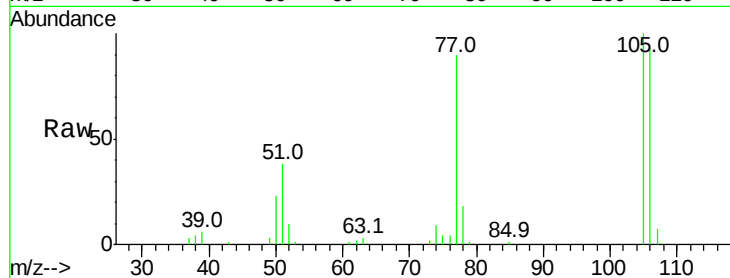
Tot Ion: 77 Resp: 90183

Ion Ratio Lower Upper

77 100

105 111.7 83.8 123.8

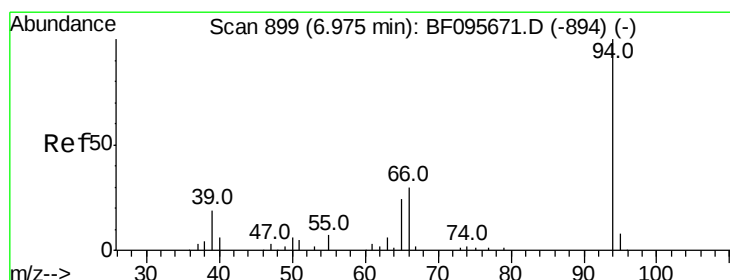
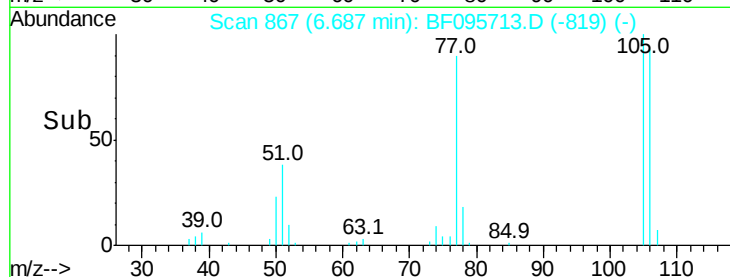
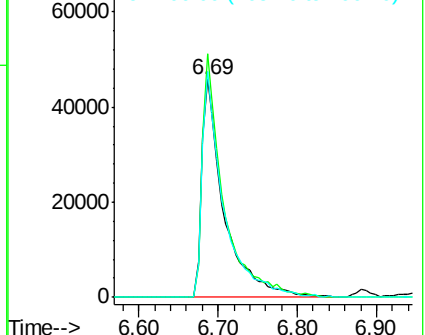
106 103.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.54 ng

RT: 6.96 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

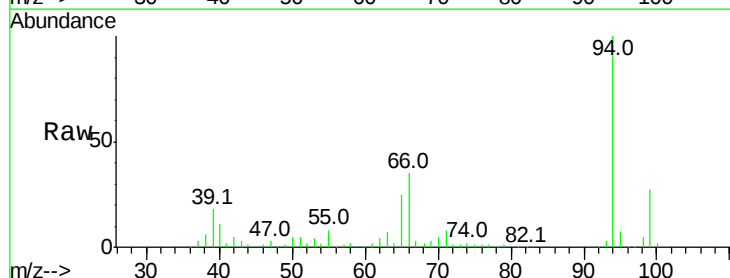
Tgt Ion: 94 Resp: 238526

Ion Ratio Lower Upper

94 100

65 24.6 9.9 49.9

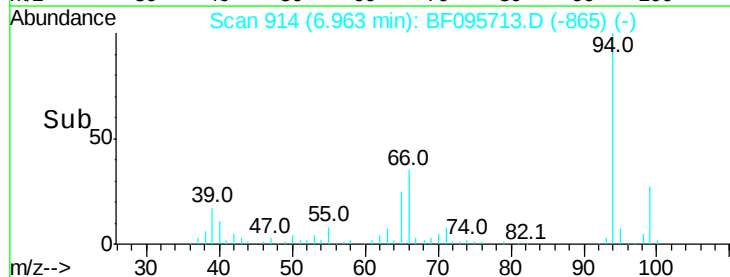
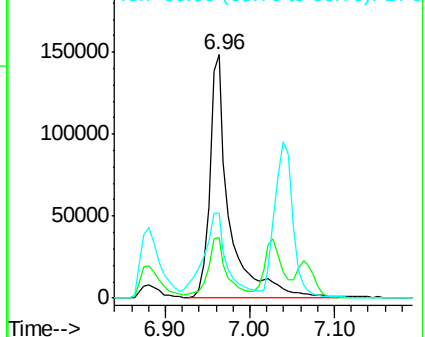
66 34.8 23.1 63.1

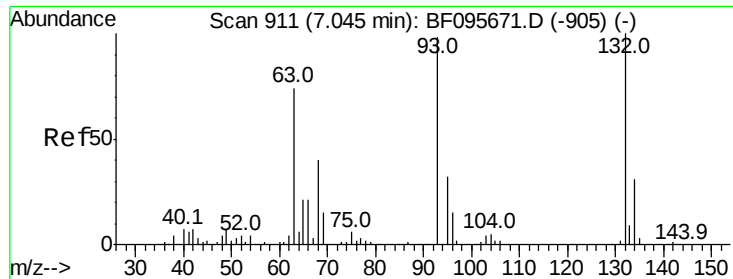


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

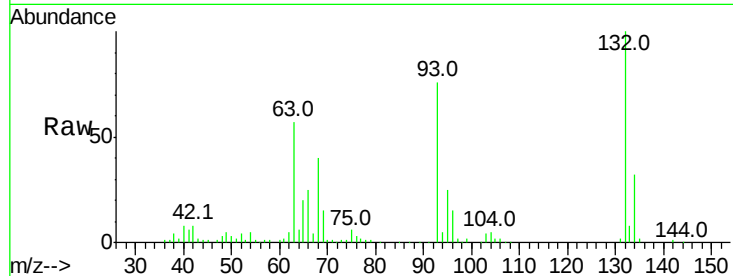




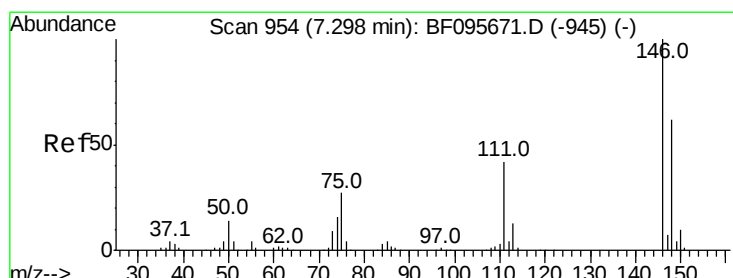
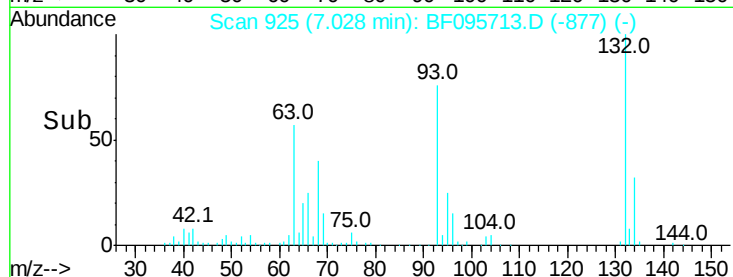
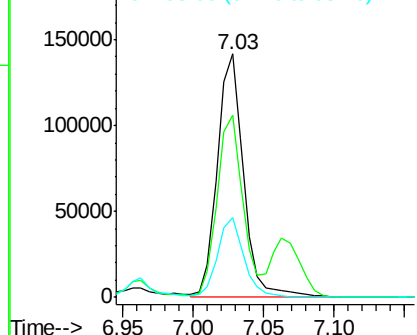
#11
bis(2-Chloroethyl)ether
Concen: 31.17 ng
RT: 7.03 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 181021
Ion Ratio Lower Upper
93 100
63 74.7 59.2 99.2
95 32.6 12.8 52.8

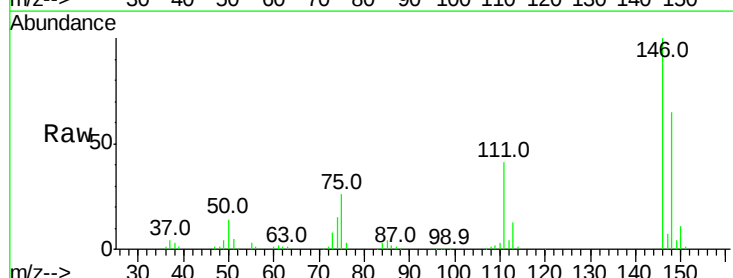


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

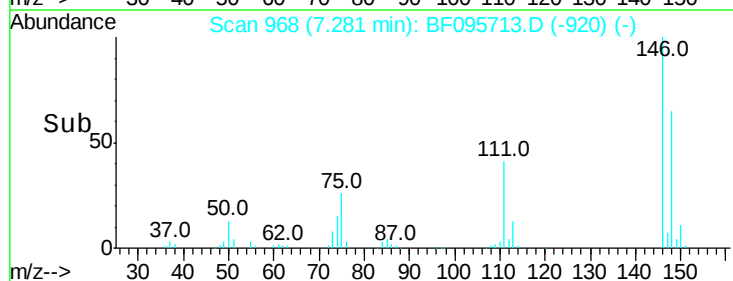
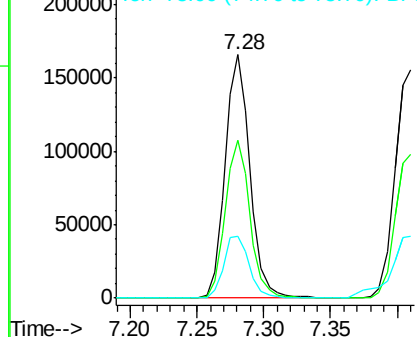


#12
1,3-Dichlorobenzene
Concen: 30.45 ng
RT: 7.28 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion: 146 Resp: 216339
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
75 25.5 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

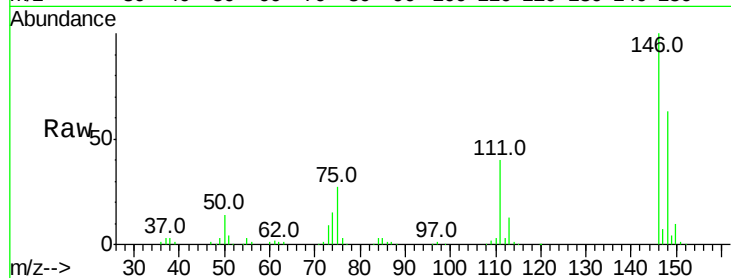




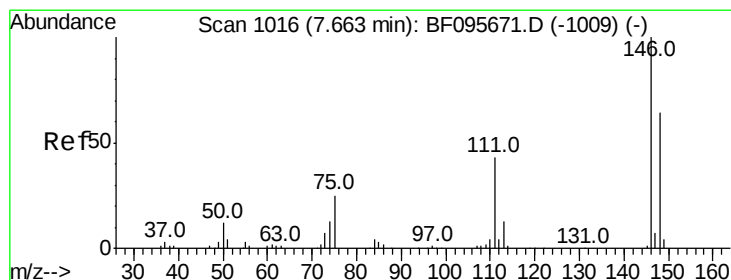
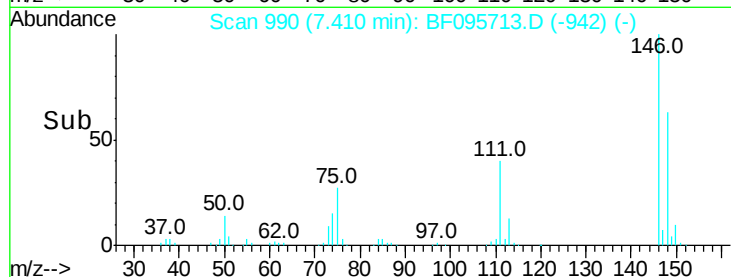
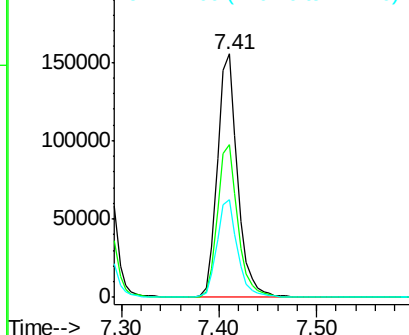
#13
 1,4-Dichlorobenzene
 Concen: 30.92 ng
 RT: 7.41 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 222785
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.2
 111 40.3 30.3 45.5

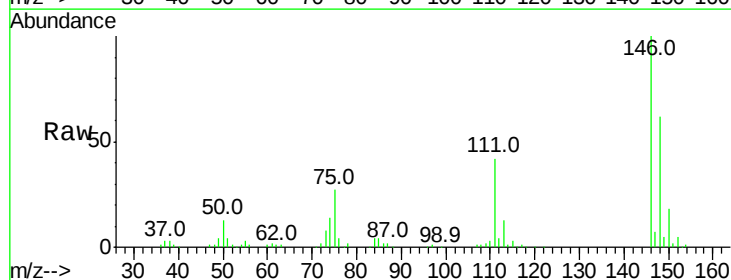


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

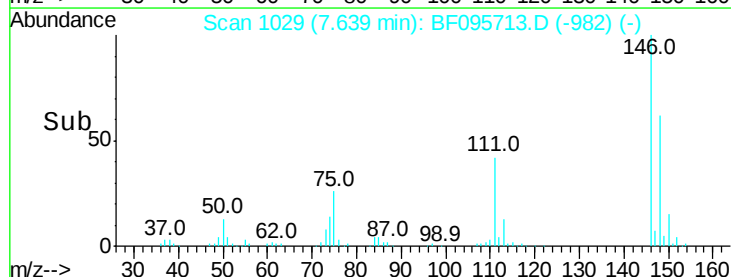
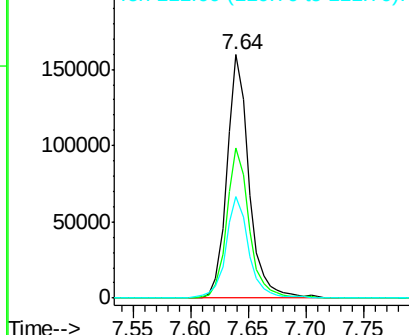


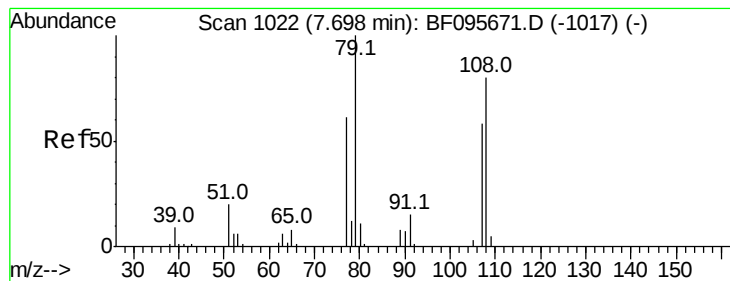
#14
 1,2-Dichlorobenzene
 Concen: 31.79 ng
 RT: 7.64 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:146 Resp: 211110
 Ion Ratio Lower Upper
 146 100
 148 61.5 50.4 75.6
 111 41.9 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: 33.27 ng

RT: 7.68 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampled :

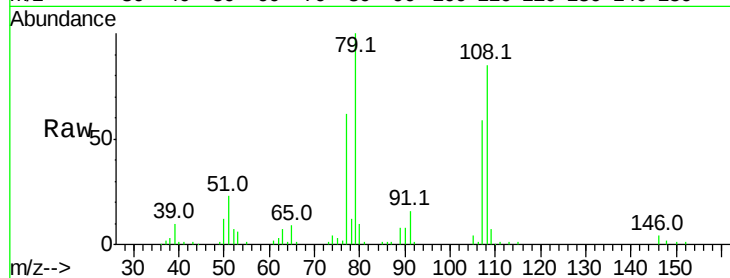
Tot Ion: 79 Resp: 161355

Ion Ratio Lower Upper

79 100

108 84.7 63.4 95.0

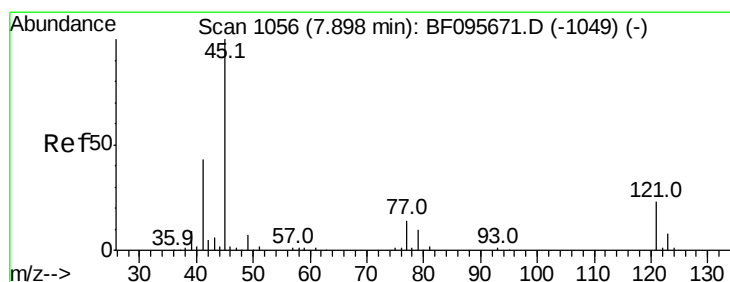
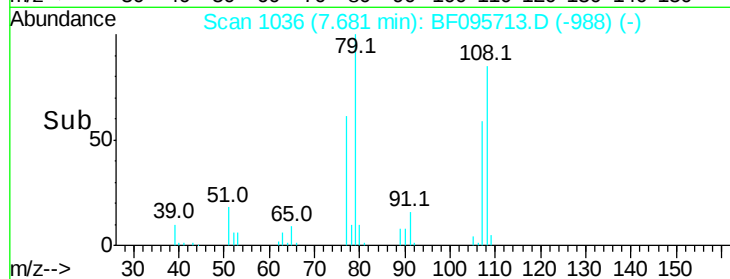
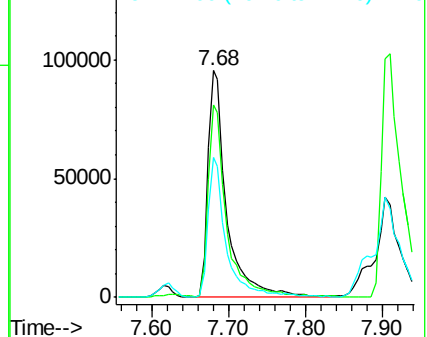
77 62.0 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.72 ng

RT: 7.88 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

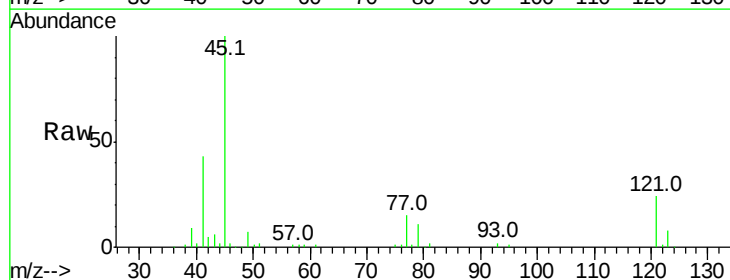
Tgt Ion: 45 Resp: 250624

Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.2

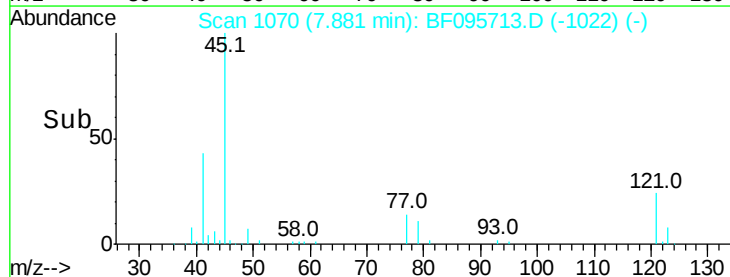
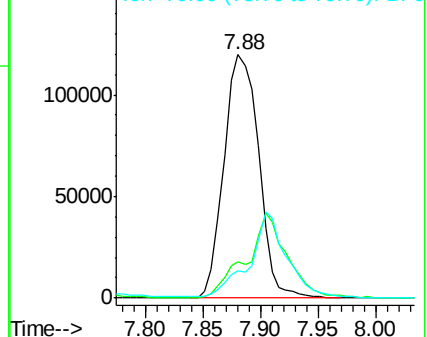
79 11.2 0.0 30.0

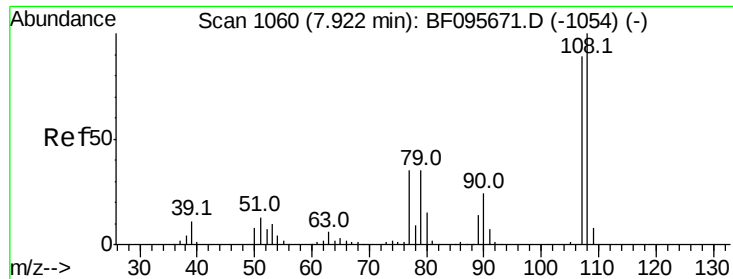


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

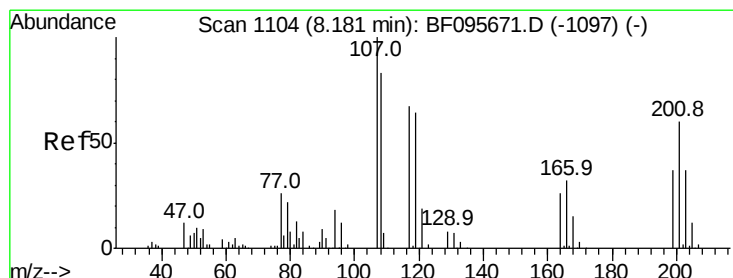
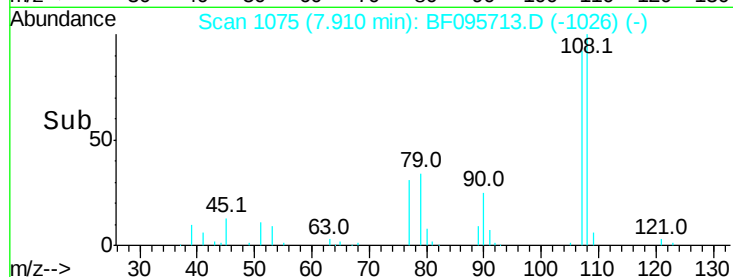
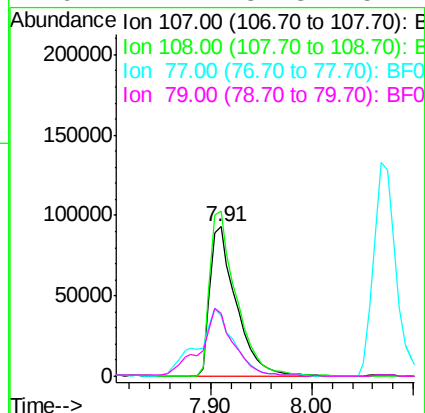
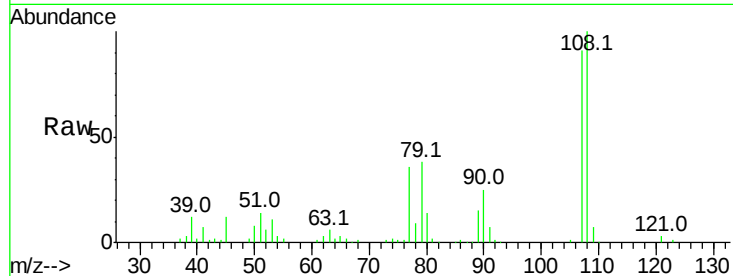




#17
 2-Methylphenol
 Concen: 31.84 ng
 RT: 7.91 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

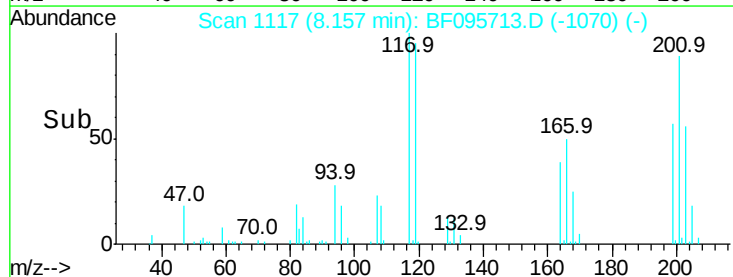
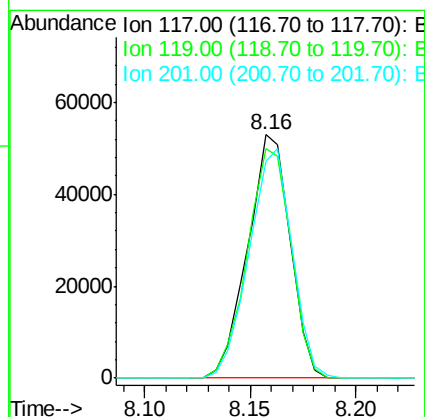
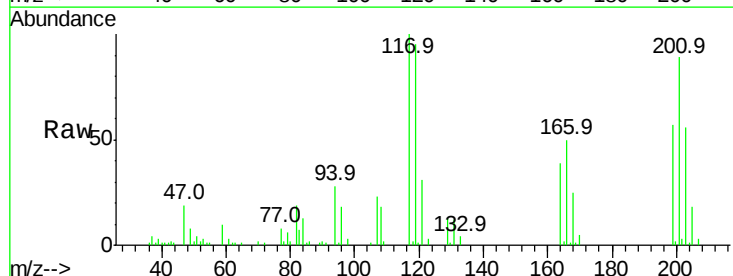
Instrument :
 BNA_F
 ClientSampleId :

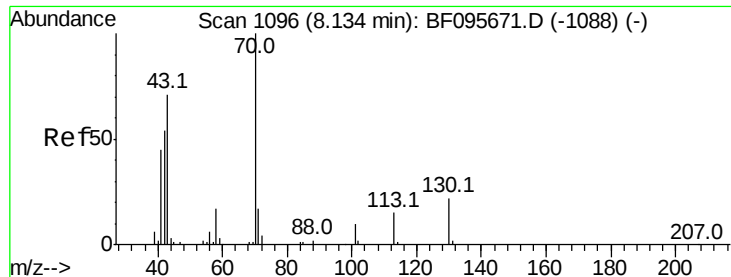
Tot Ion:	107	Resp:	167710
Ion	Ratio	Lower	Upper
107	100		
108	110.3	93.4	140.0
77	39.9	35.8	53.6
79	42.1	34.8	52.2



#18
 Hexachloroethane
 Concen: 31.04 ng
 RT: 8.16 min Scan# 1117
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:	117	Resp:	73855
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.0
201	89.3	94.6	141.8#

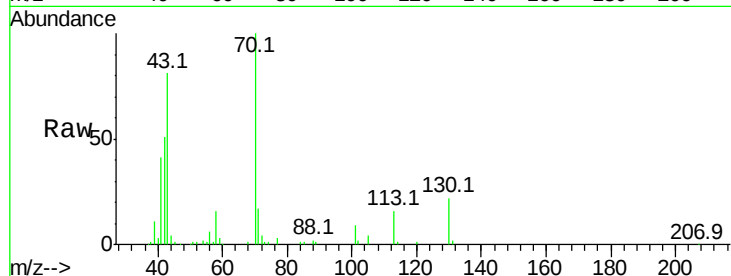




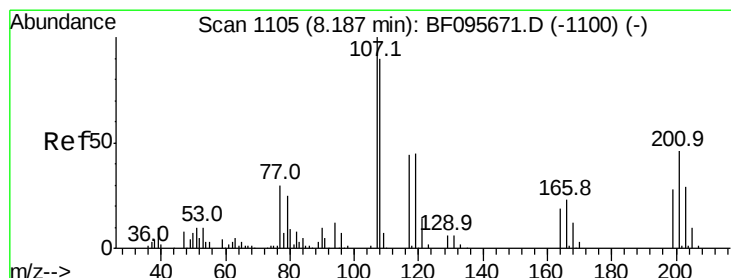
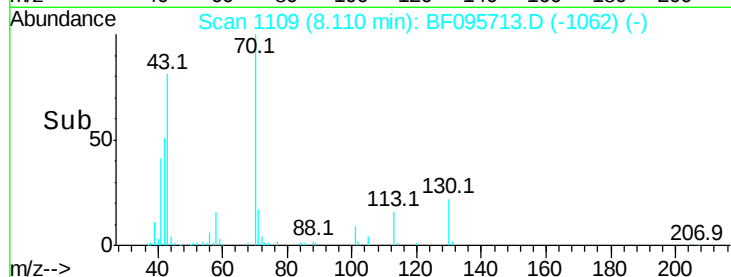
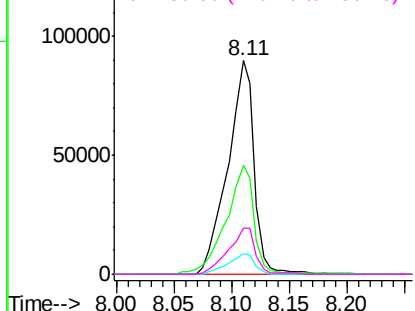
#19
n-Nitroso-di-n-propylamine
Concen: 31.60 ng
RT: 8.11 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 141535
Ion Ratio Lower Upper
70 100
42 51.2 47.2 70.8
101 9.3 7.2 10.8
130 21.6 15.9 23.9

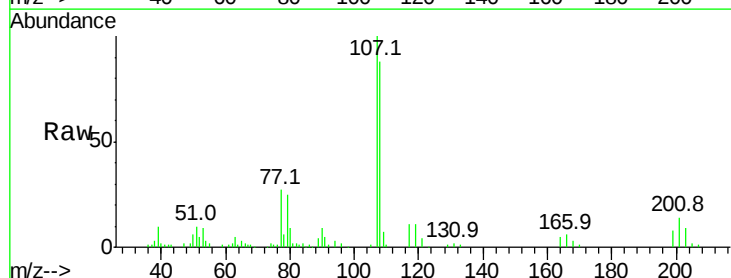


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

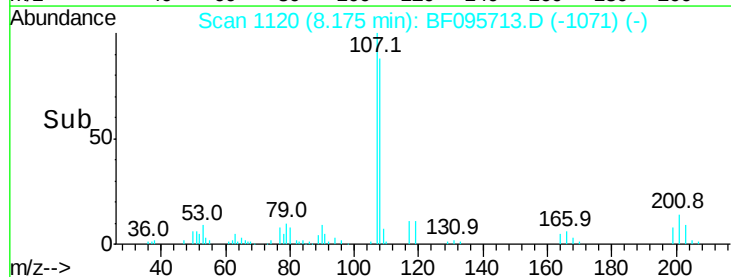
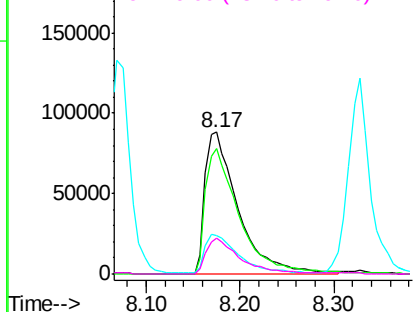


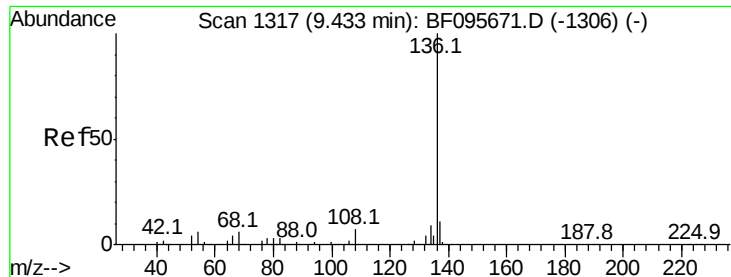
#20
3+4-Methylphenols
Concen: 32.67 ng
RT: 8.17 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion: 107 Resp: 218418
Ion Ratio Lower Upper
107 100
108 88.3 71.0 111.0
77 27.5 90.5 130.5#
79 24.9 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 392755

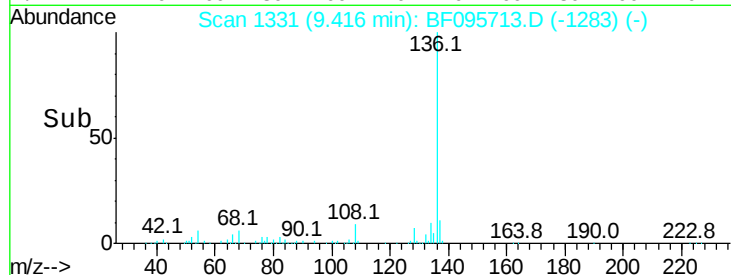
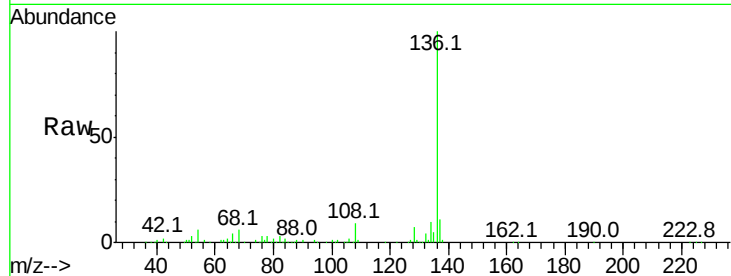
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.4 4.9 7.3

68 5.5 4.1 6.1

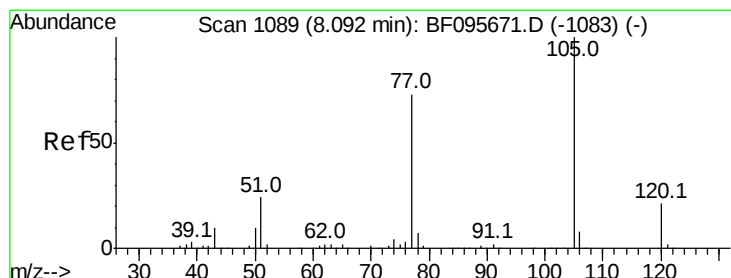
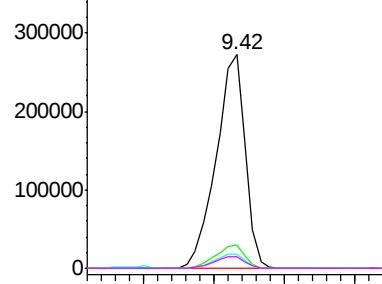


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.98 ng

RT: 8.07 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Tgt Ion:105 Resp: 284822

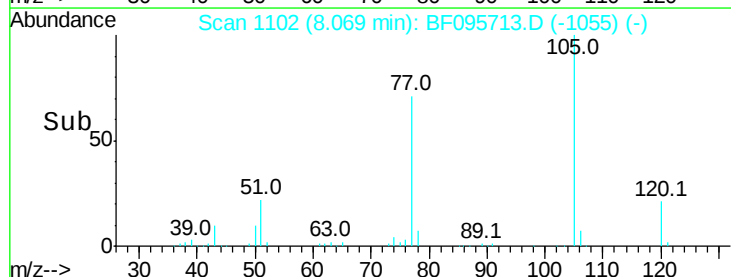
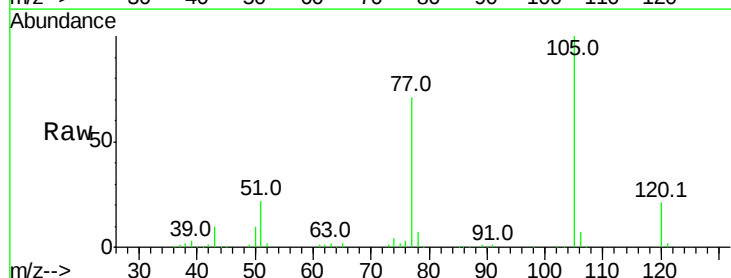
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 21.9 30.7 46.1#

120 21.4 17.4 26.0

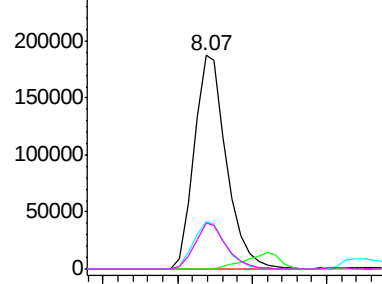


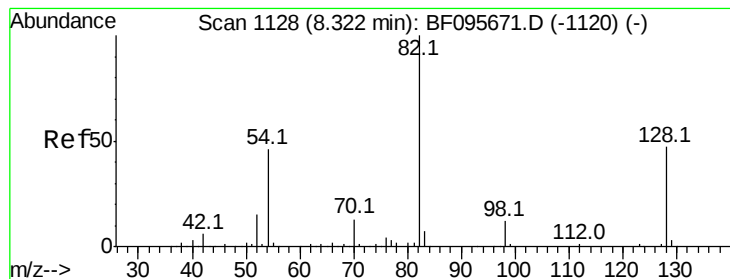
Abundance Ion 105.00 (104.70 to 105.70): E

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: 63.02 ng

RT: 8.30 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :

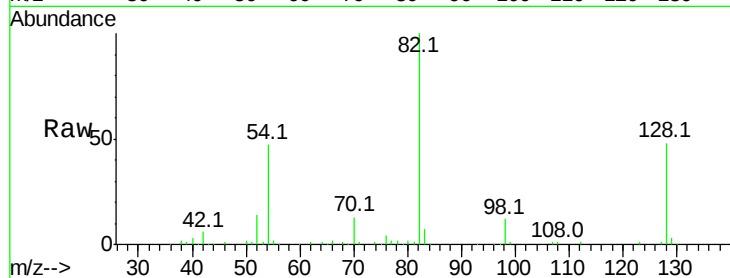
Tot Ion: 82 Resp: 398572

Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

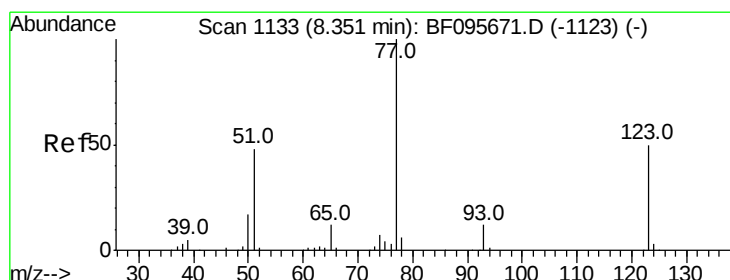
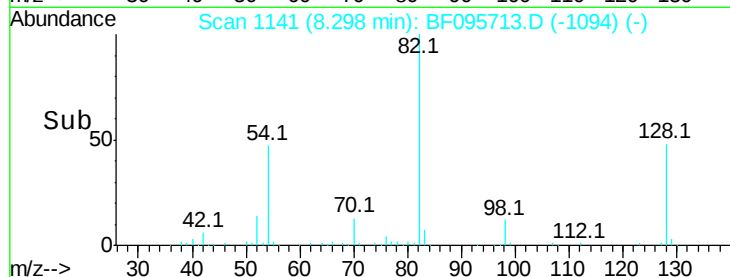
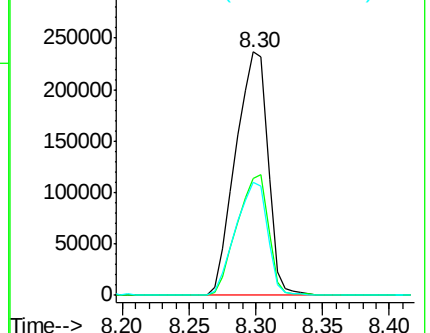
54 46.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 28.97 ng

RT: 8.33 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

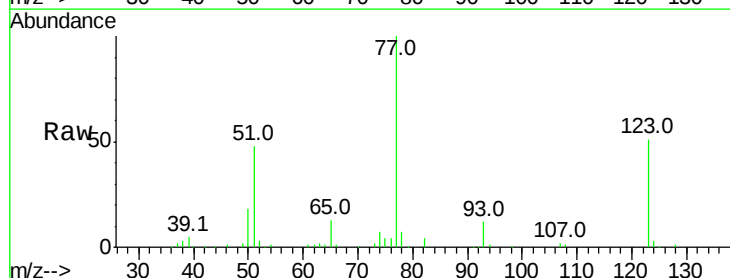
Tgt Ion: 77 Resp: 195680

Ion Ratio Lower Upper

77 100

123 51.5 35.8 53.8

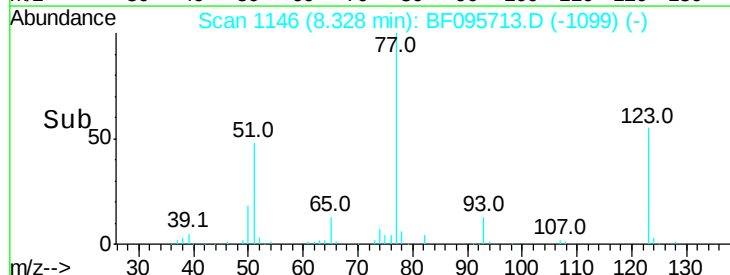
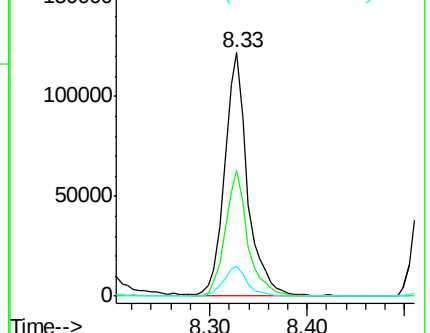
65 12.5 10.6 15.8

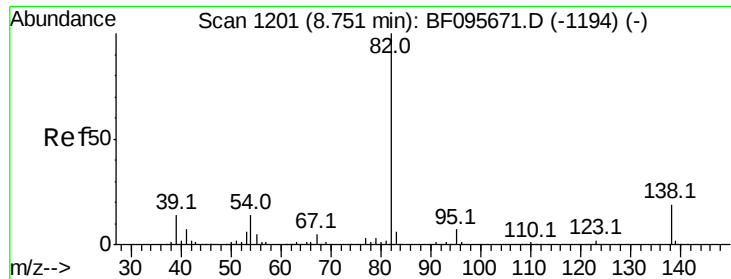


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

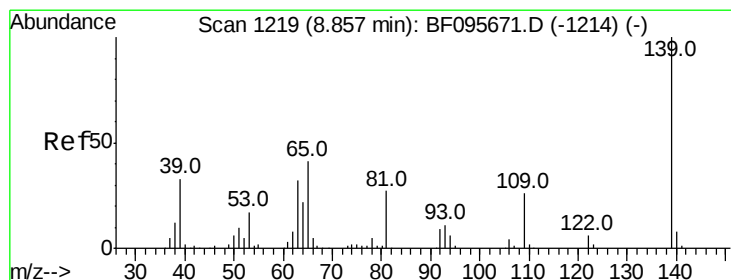
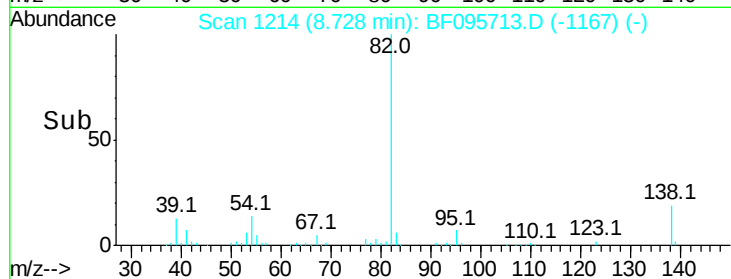
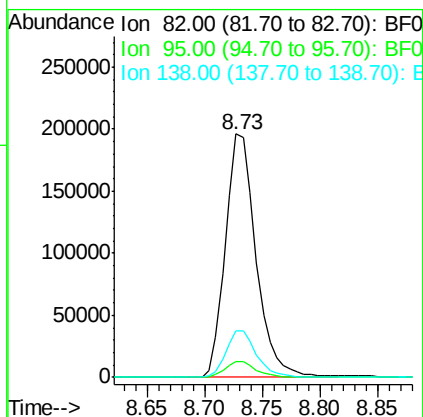
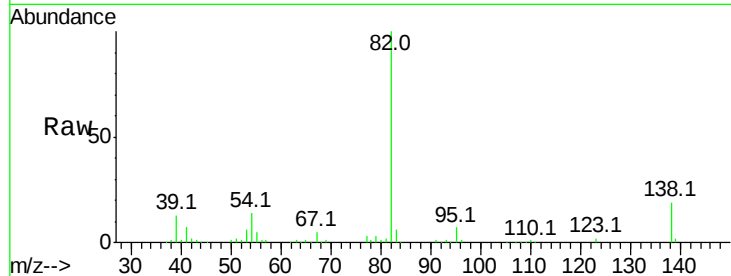




#25
Isophorone
Concen: 30.55 ng
RT: 8.73 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

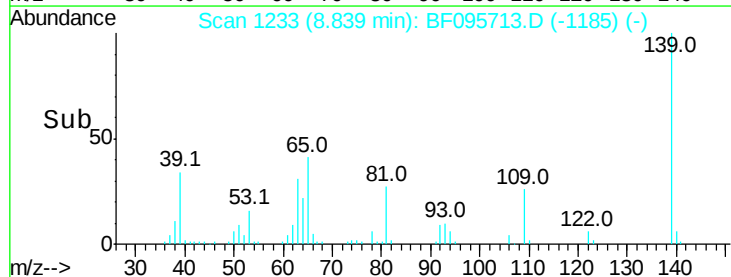
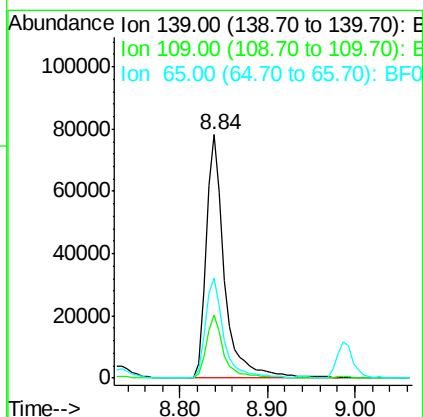
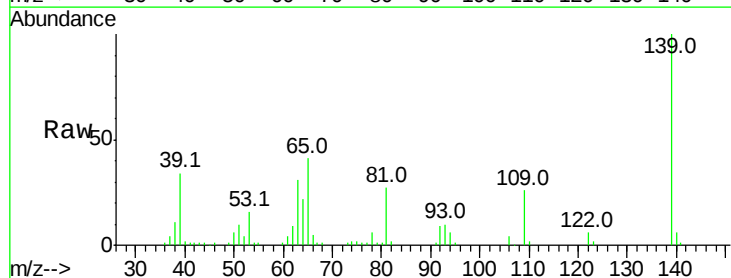
Instrument :
BNA_F
ClientSampled :

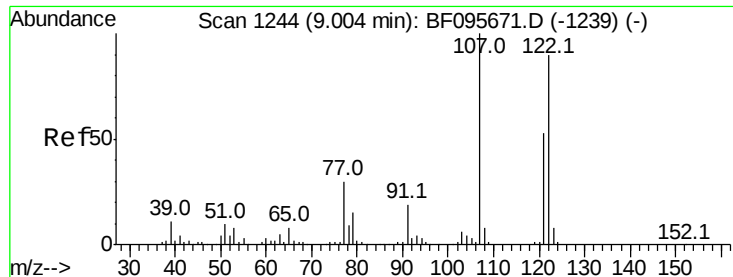
Tot Ion: 82 Resp: 360801
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 19.3 13.1 19.7



#26
2-Nitrophenol
Concen: 32.22 ng
RT: 8.84 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion:139 Resp: 113981
Ion Ratio Lower Upper
139 100
109 26.0 21.0 31.6
65 41.0 33.0 49.6

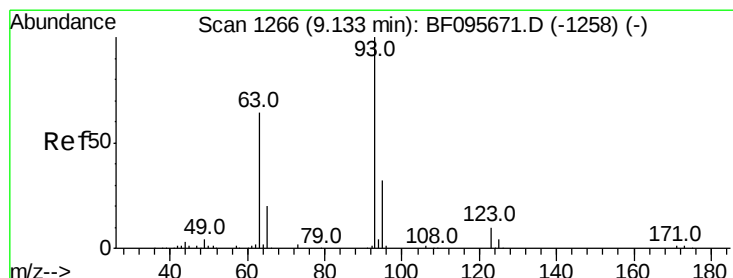
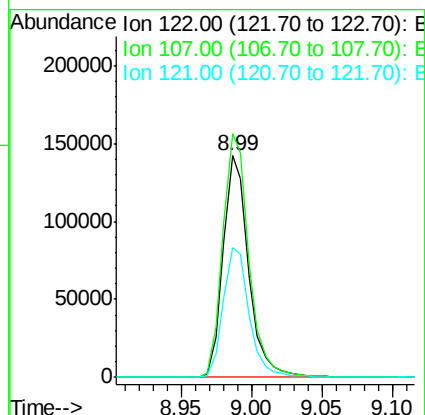
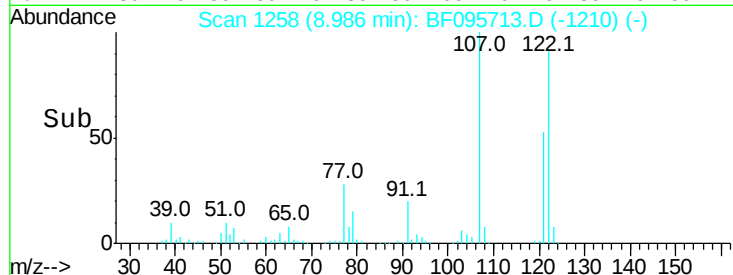
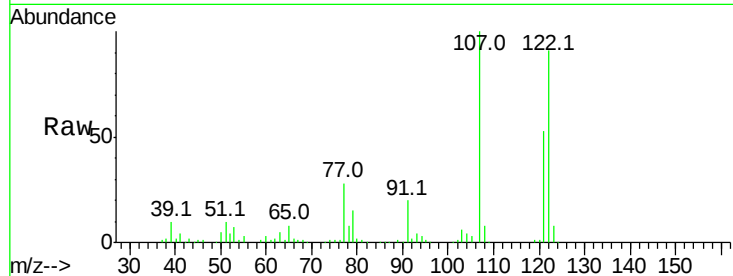




#27
 2,4-Dimethylphenol
 Concen: 32.66 ng
 RT: 8.99 min Scan# 1258
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

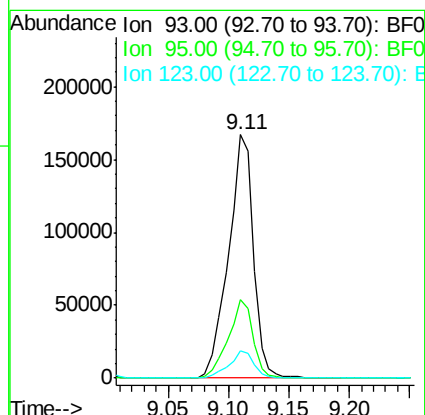
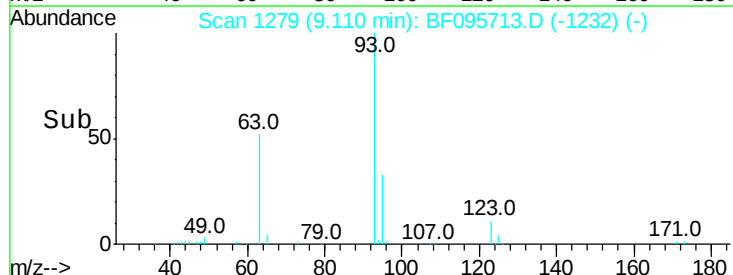
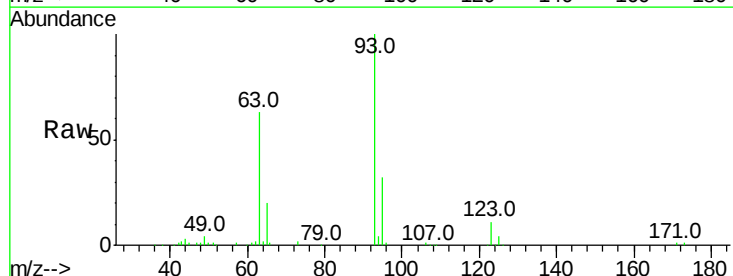
Instrument :
 BNA_F
 ClientSampleId :

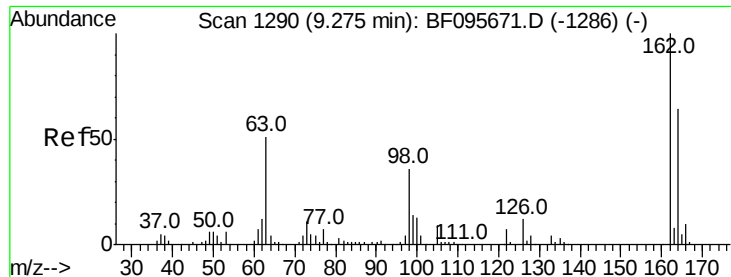
Tot Ion:122 Resp: 179289
 Ion Ratio Lower Upper
 122 100
 107 109.8 89.2 133.8
 121 58.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.77 ng
 RT: 9.11 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion: 93 Resp: 239534
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 11.4 9.0 13.4

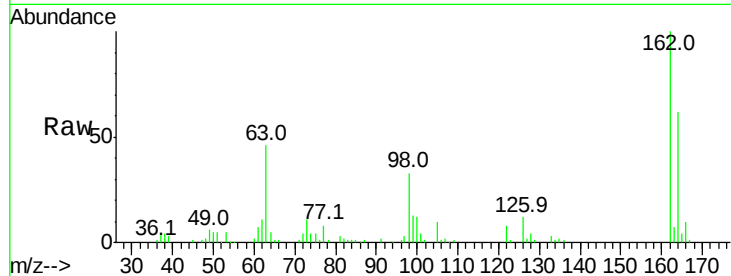




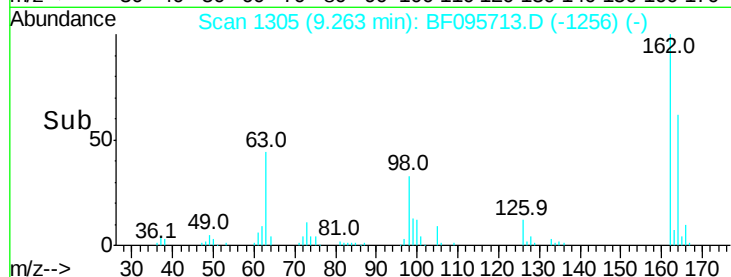
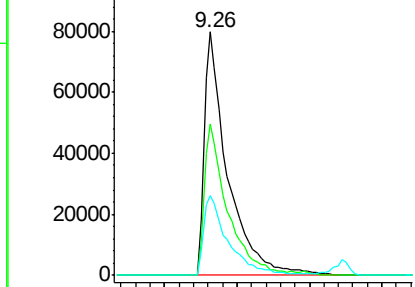
#29
 2,4-Dichlorophenol
 Concen: 33.45 ng
 RT: 9.26 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 176870
 Ion Ratio Lower Upper
 162 100
 164 62.3 44.6 84.6
 98 32.8 14.8 54.8

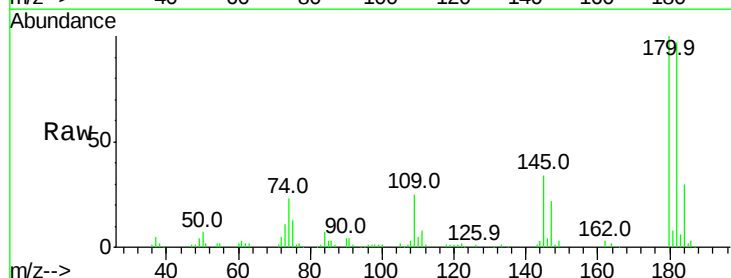


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

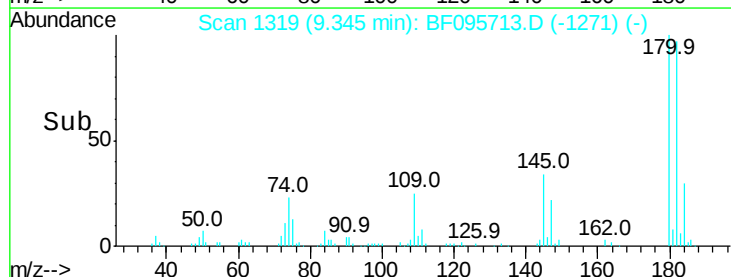
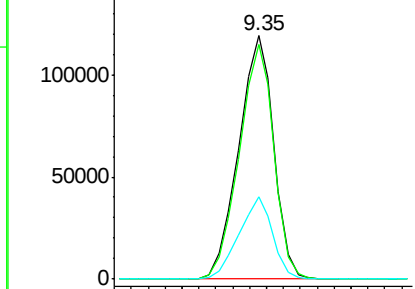


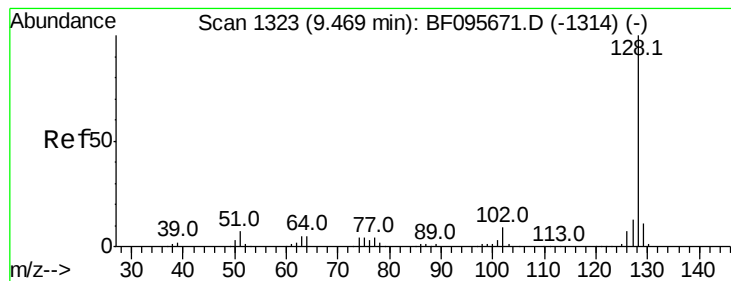
#30
 1,2,4-Trichlorobenzene
 Concen: 31.19 ng
 RT: 9.35 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:180 Resp: 171597
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.8 113.6
 145 33.8 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: 30.09 ng

RT: 9.45 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampled :

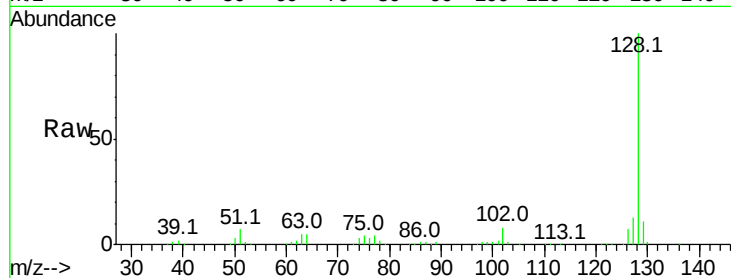
Tot Ion:128 Resp: 593033

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

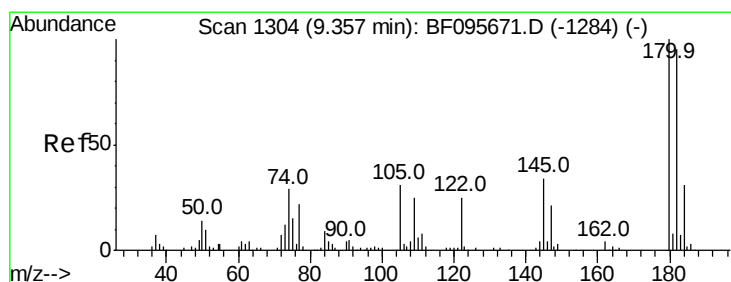
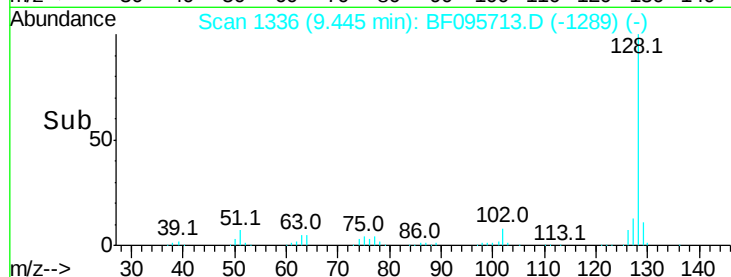
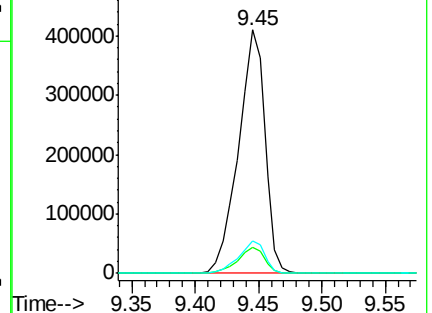
127 13.2 10.8 16.2



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: 21.88 ng

RT: 9.32 min Scan# 1315

Delta R.T. -0.04 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

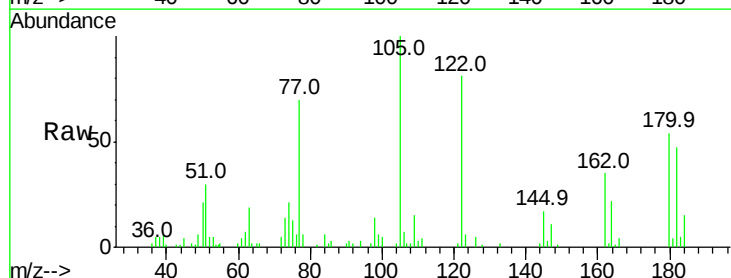
Tgt Ion:122 Resp: 64396

Ion Ratio Lower Upper

122 100

105 122.9 103.3 143.3

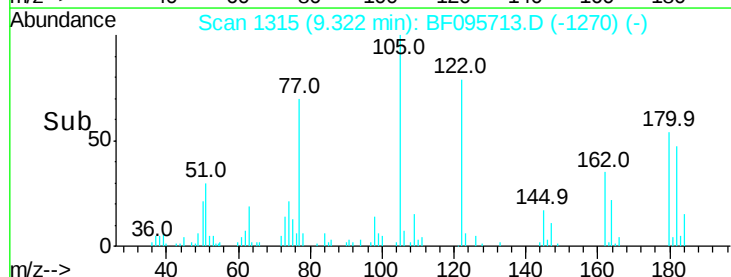
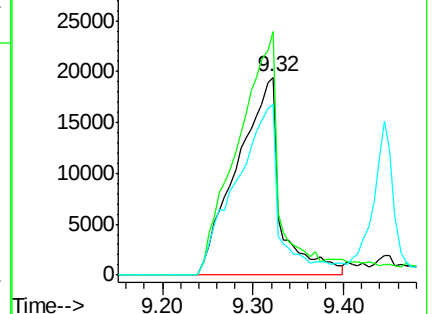
77 86.3 73.7 113.7



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

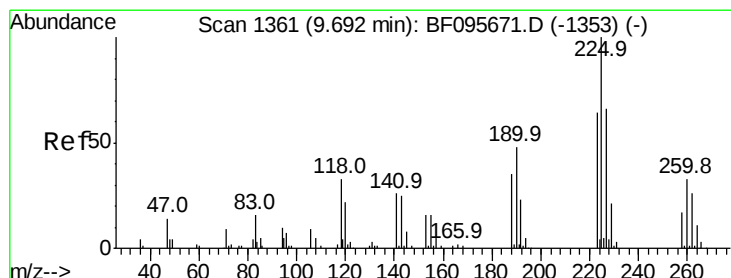
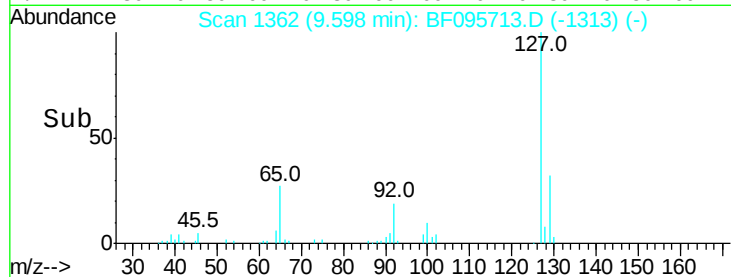
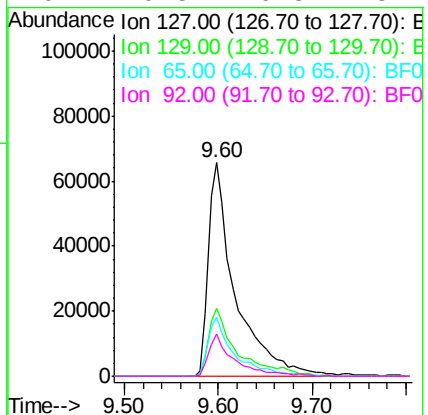
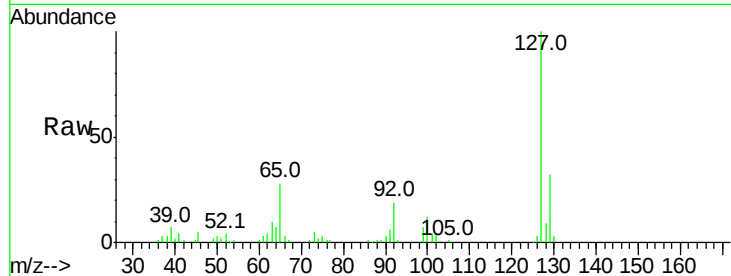




#33
4-Chloroaniline
Concen: 17.20 ng
RT: 9.60 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

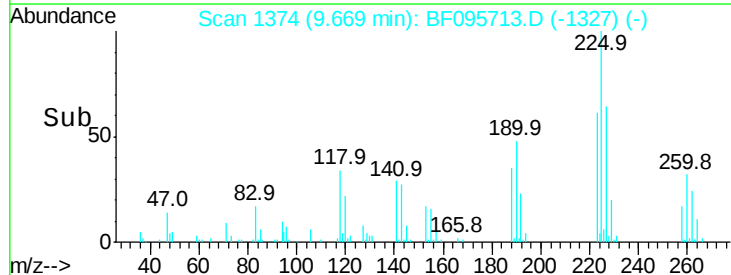
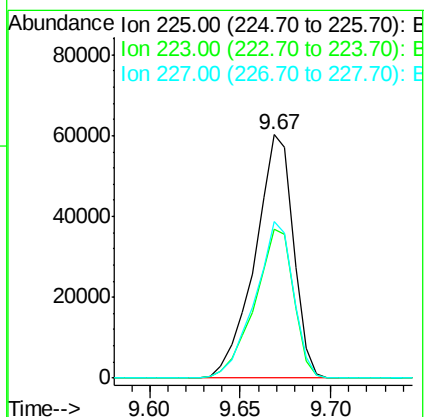
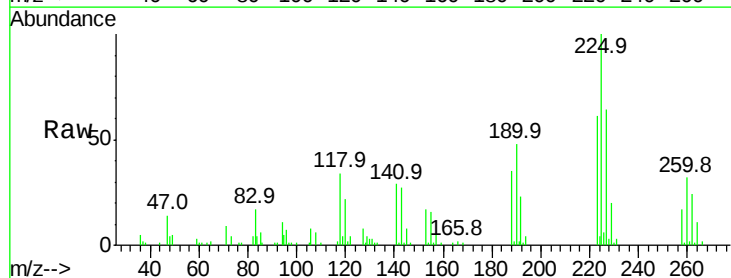
Instrument :
BNA_F
ClientSampleId :

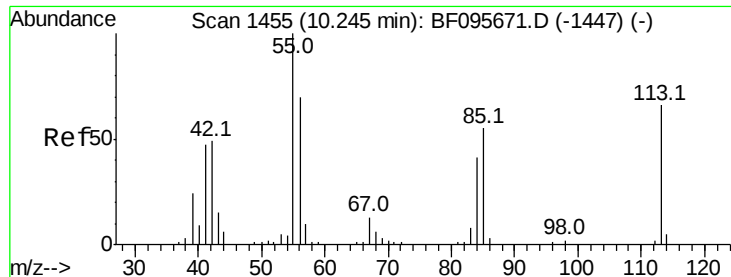
Tot Ion:	127	Resp:	132476
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	27.6	27.8	41.8#
92	19.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 31.21 ng
RT: 9.67 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion:	225	Resp:	88730
Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.8	73.2
227	64.4	51.1	76.7





#35

Caprolactam

Concen: 18.52 ng

RT: 10.22 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :

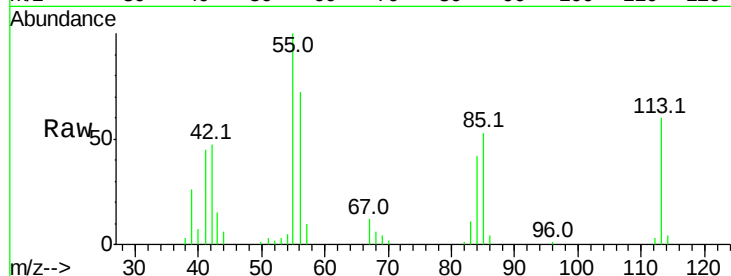
Tot Ion:113 Resp: 29134

Ion Ratio Lower Upper

113 100

55 166.5 150.2 190.2

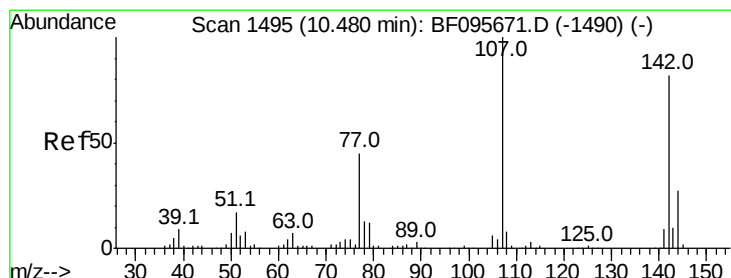
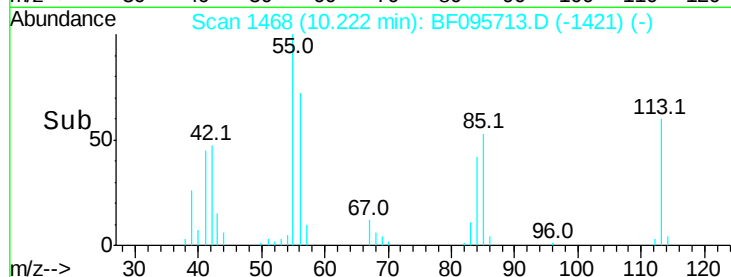
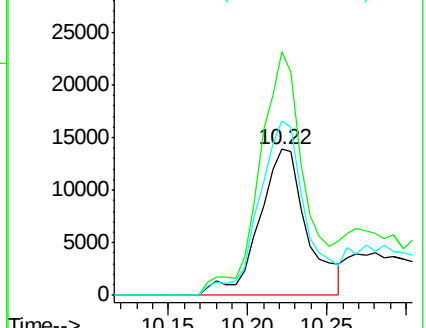
56 119.6 107.8 147.8



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: 32.79 ng

RT: 10.47 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

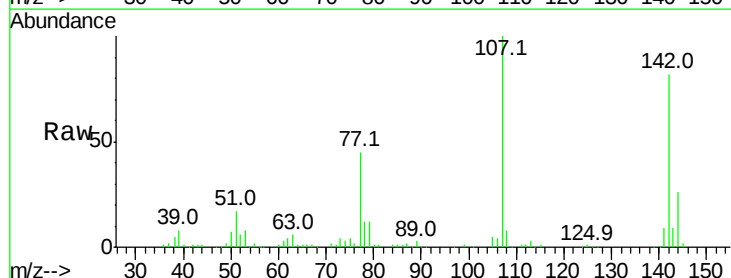
Tgt Ion:107 Resp: 181487

Ion Ratio Lower Upper

107 100

144 26.2 24.2 36.4

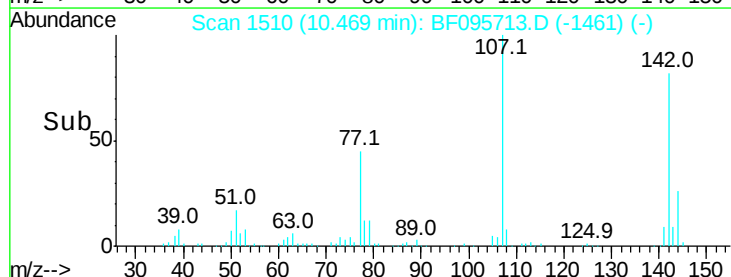
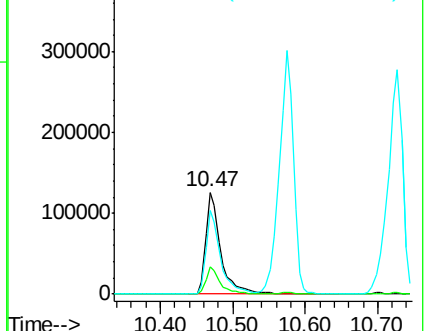
142 81.7 73.4 110.0

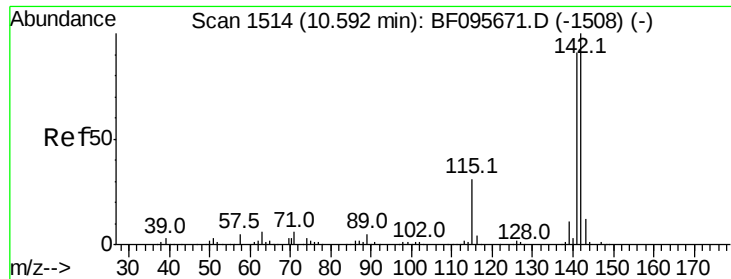


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

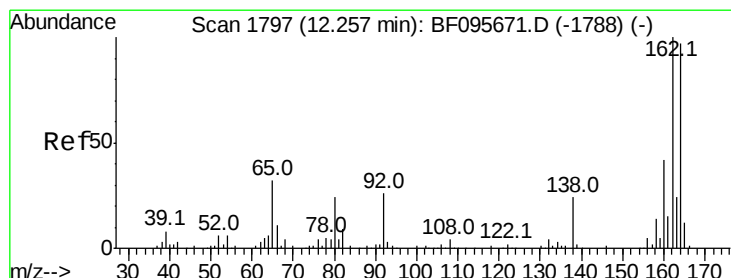
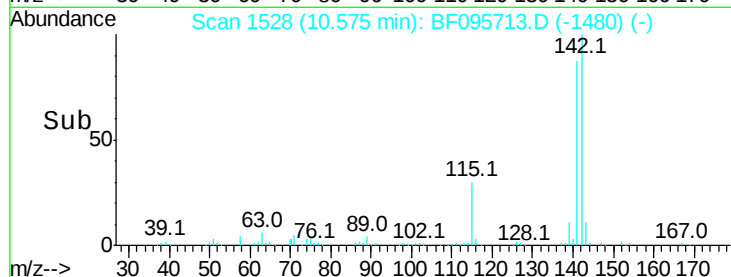
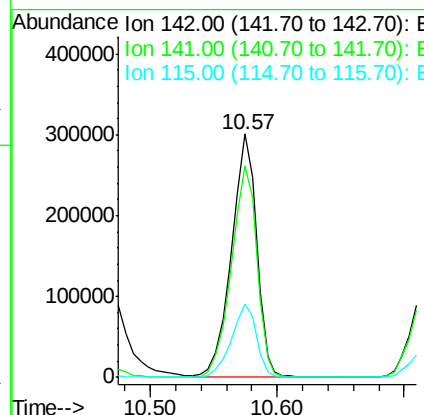
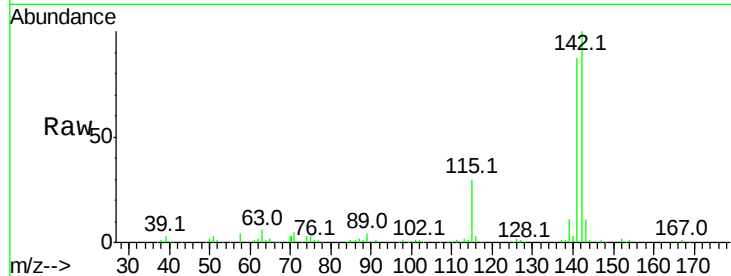




#37
2-Methylnaphthalene
Concen: 31.03 ng
RT: 10.57 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

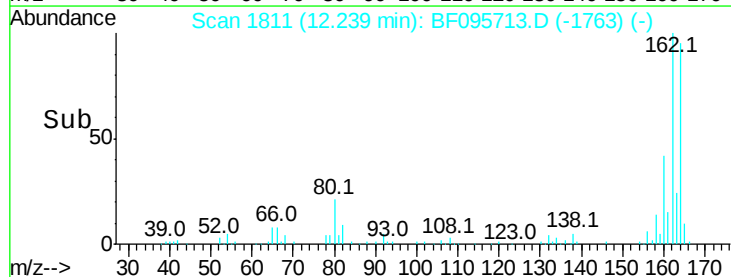
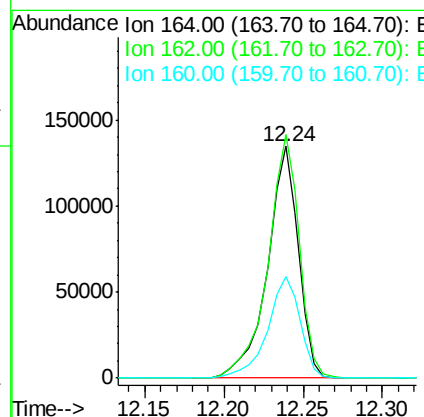
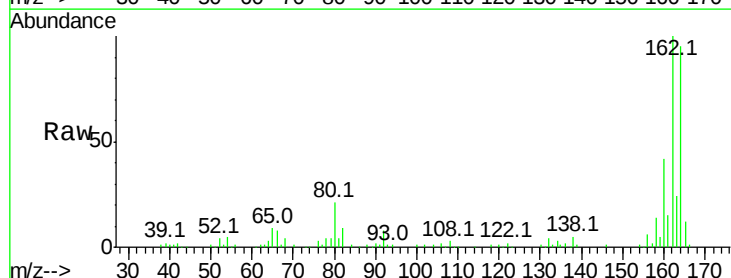
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 413222
Ion Ratio Lower Upper
142 100
141 86.7 71.3 106.9
115 30.3 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion:164 Resp: 183128
Ion Ratio Lower Upper
164 100
162 105.0 82.6 123.8
160 43.7 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.71 ng

RT: 10.86 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 162818

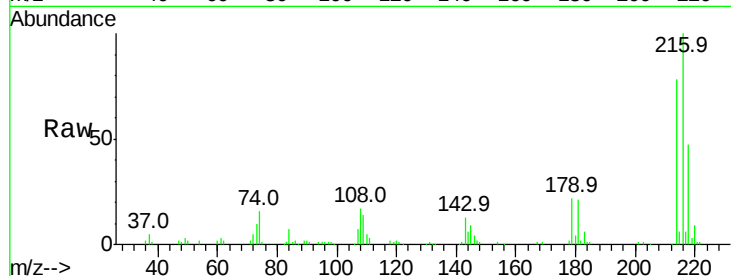
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.2 17.9 26.9

108 19.4 16.5 24.7

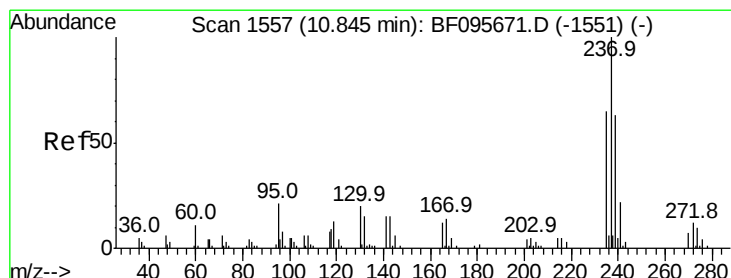
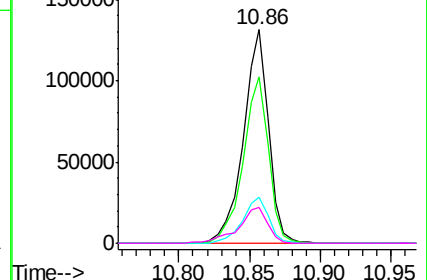
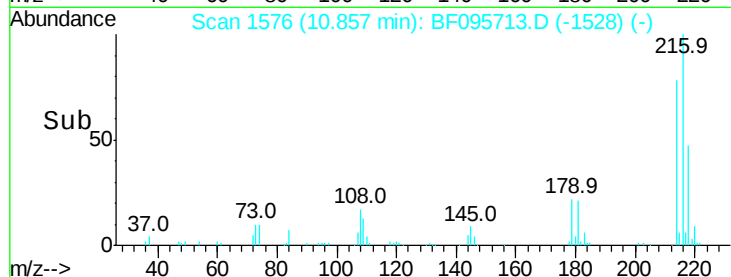


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.29 ng

RT: 10.83 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

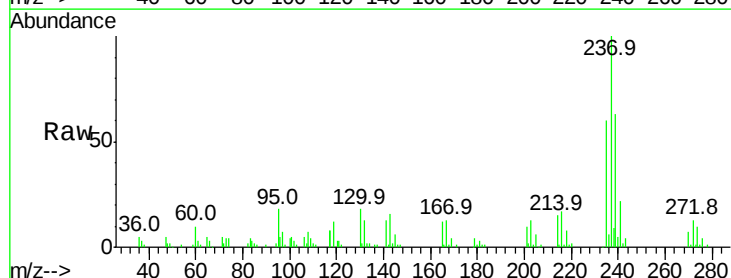
Tgt Ion:237 Resp: 106039

Ion Ratio Lower Upper

237 100

235 60.4 42.6 82.6

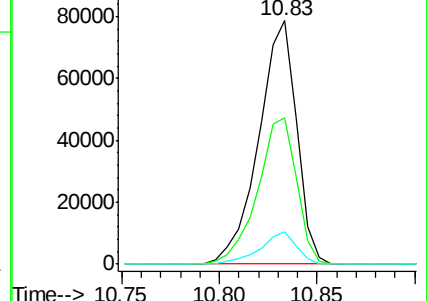
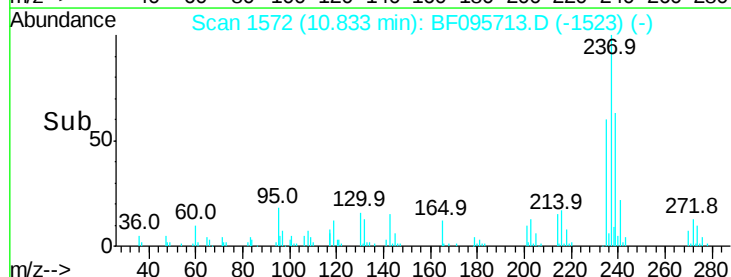
272 13.1 0.0 31.9



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

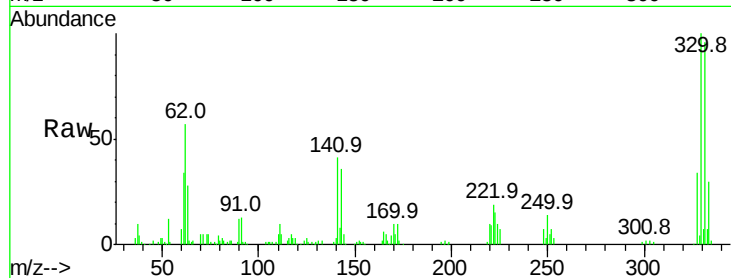




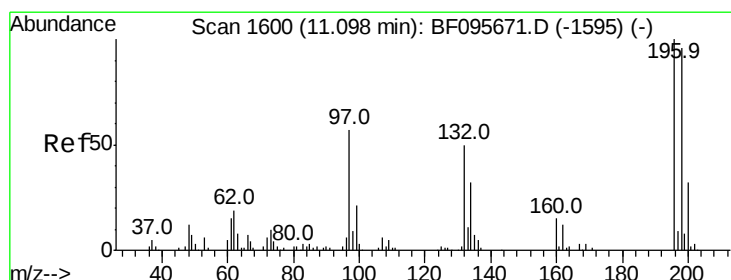
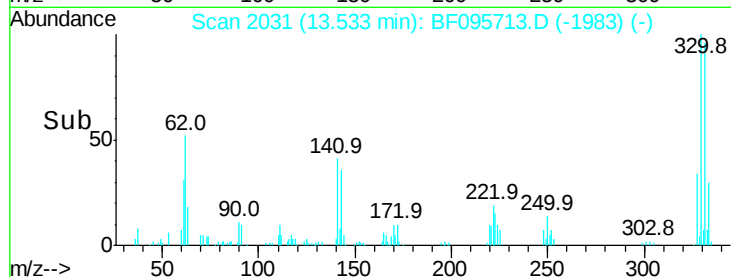
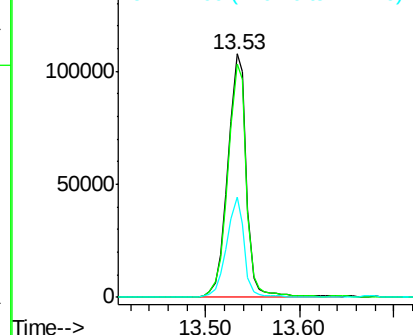
#41
 2,4,6-Tribromophenol
 Concen: 92.63 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 150077
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.6 31.4 47.2

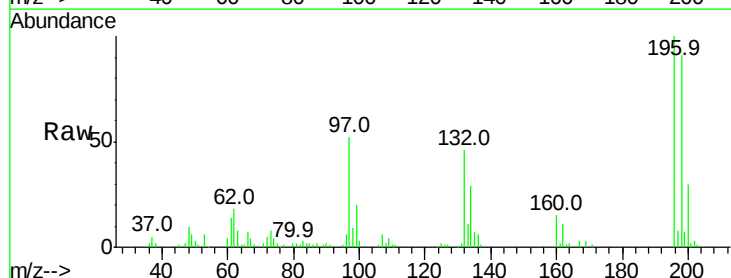


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

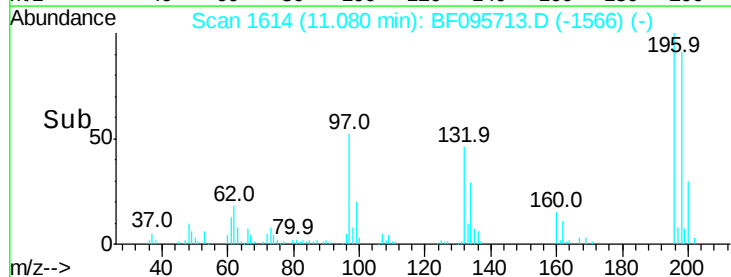
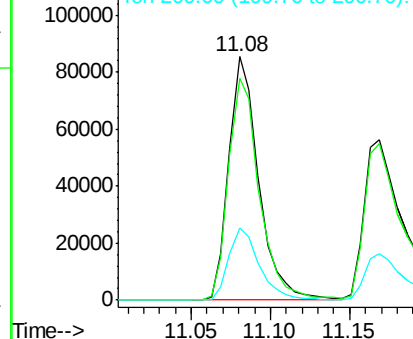


#42
 2,4,6-Trichlorophenol
 Concen: 31.78 ng
 RT: 11.08 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:196 Resp: 111986
 Ion Ratio Lower Upper
 196 100
 198 91.2 74.2 111.4
 200 29.6 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

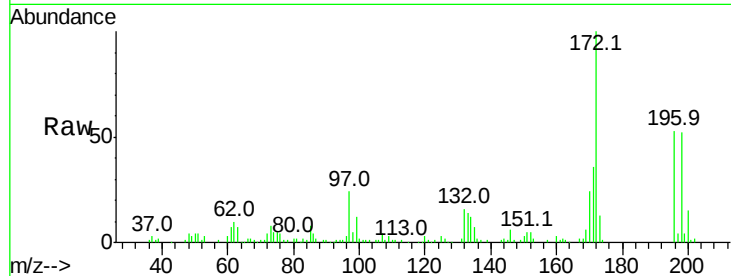




#43
 2,4,5-Trichlorophenol
 Concen: 30.16 ng
 RT: 11.17 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
97	45.6	47.7	71.5#
132	29.3	28.0	42.0



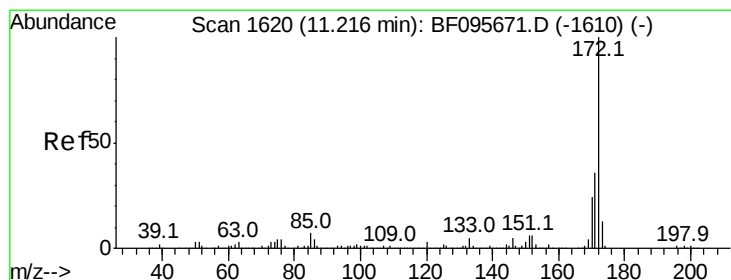
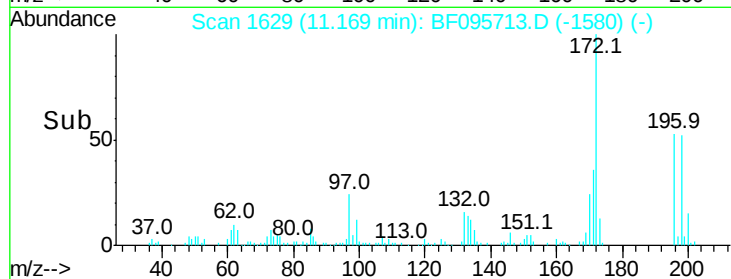
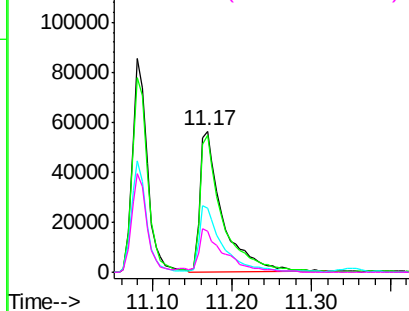
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

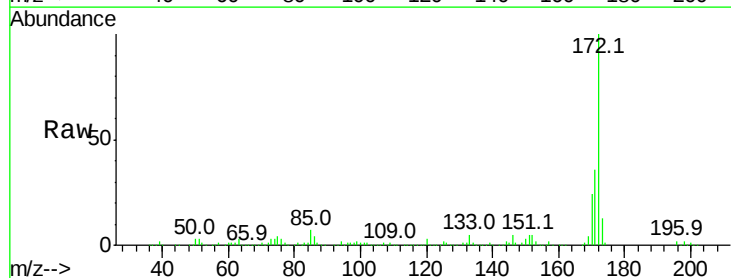
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.93 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8

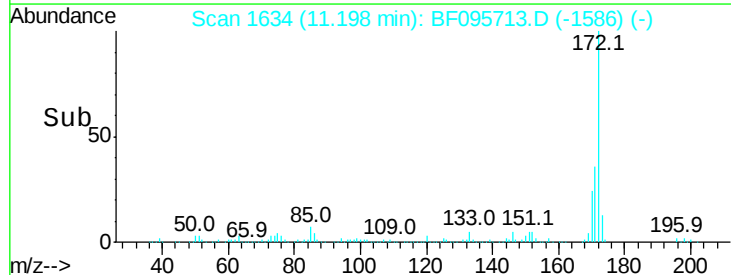
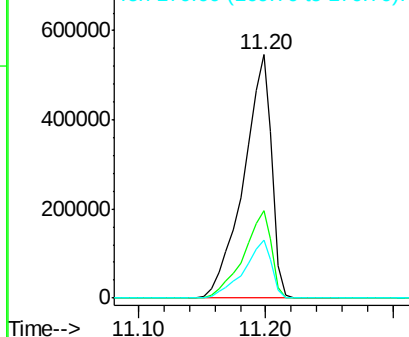


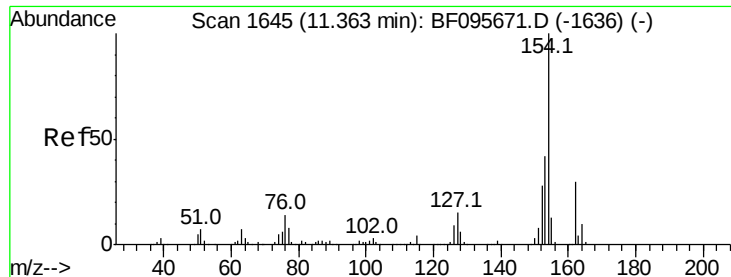
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

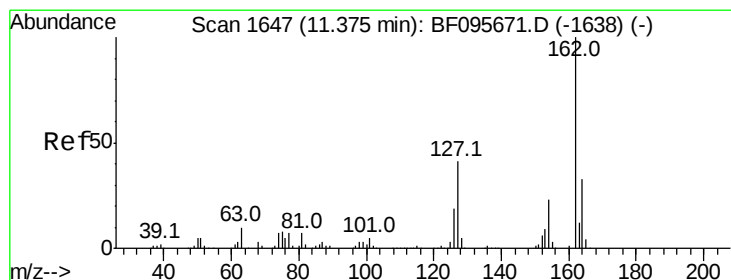
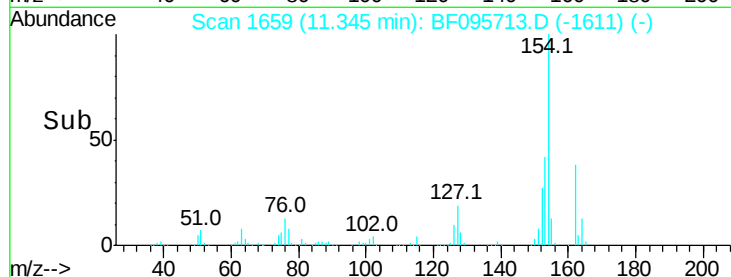
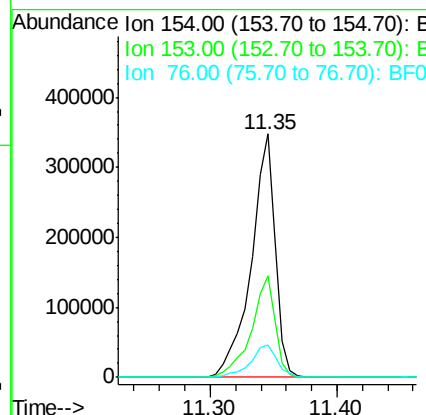
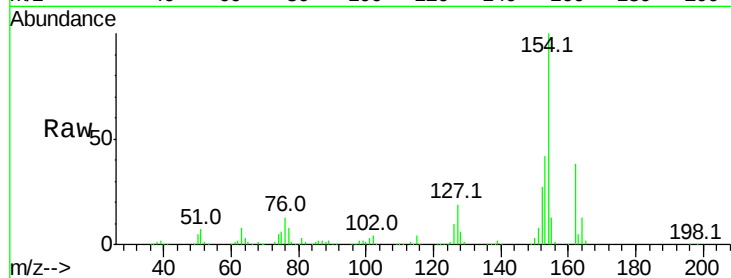




#45
 1,1'-Biphenyl
 Concen: 30.61 ng
 RT: 11.35 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

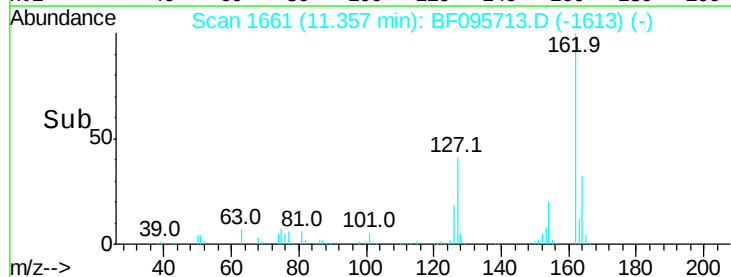
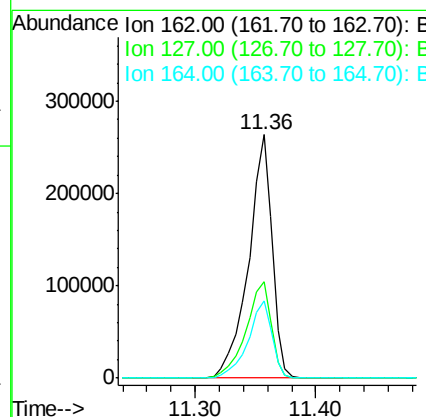
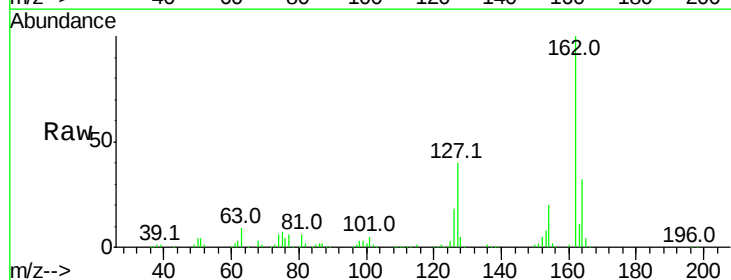
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 462024
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.2 61.2
 76 13.4 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 30.44 ng
 RT: 11.36 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:162 Resp: 358974
 Ion Ratio Lower Upper
 162 100
 127 39.7 28.3 42.5
 164 31.7 27.0 40.4

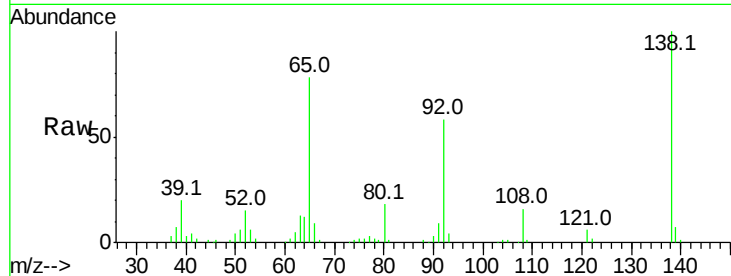




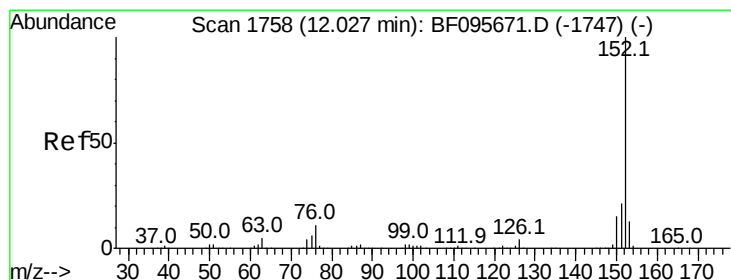
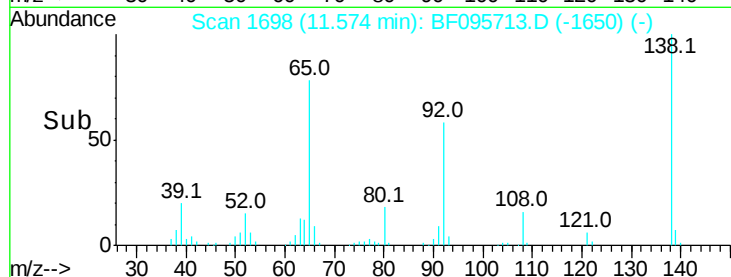
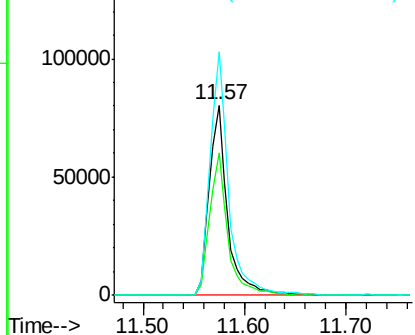
#47
2-Nitroaniline
Concen: 29.59 ng
RT: 11.57 min Scan# 1698
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 102116
Ion Ratio Lower Upper
65 100
92 74.6 53.9 80.9
138 127.9 78.8 118.2#

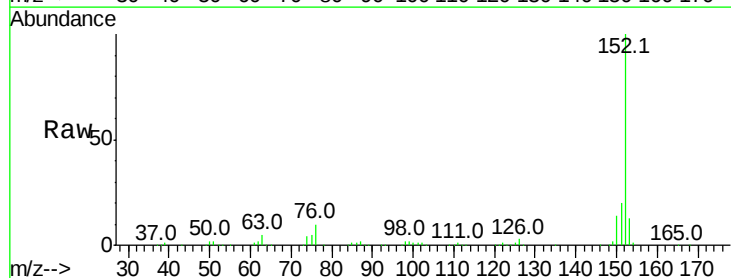


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

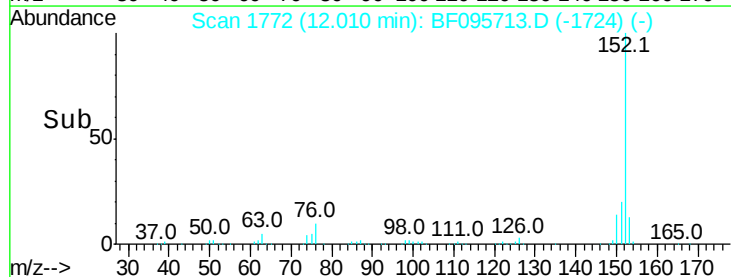
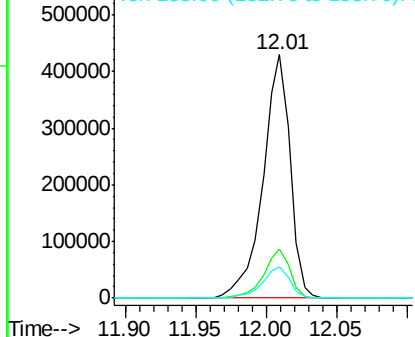


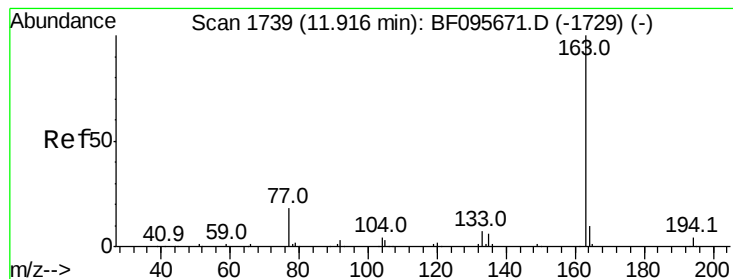
#48
Acenaphthylene
Concen: 28.86 ng
RT: 12.01 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion:152 Resp: 582032
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 12.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 31.78 ng

RT: 11.90 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF095713.D

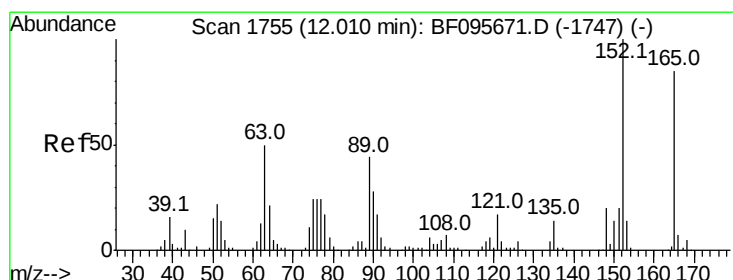
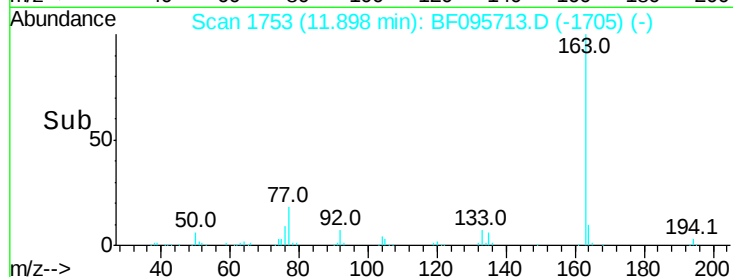
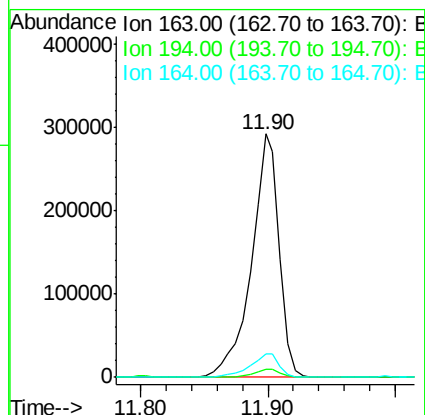
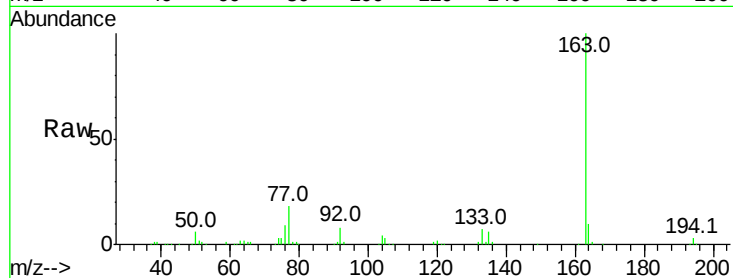
Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:163	Resp:	441931
Ion Ratio	Lower	Upper
163	100	
194	3.2	2.6 4.0
164	9.9	8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 31.58 ng

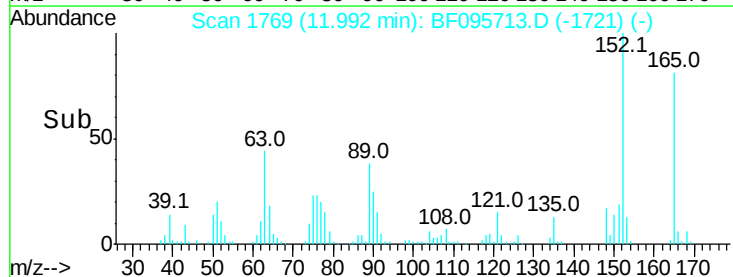
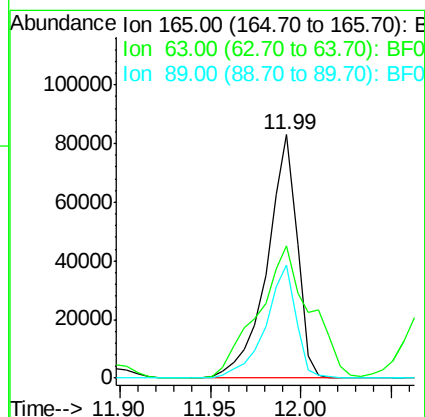
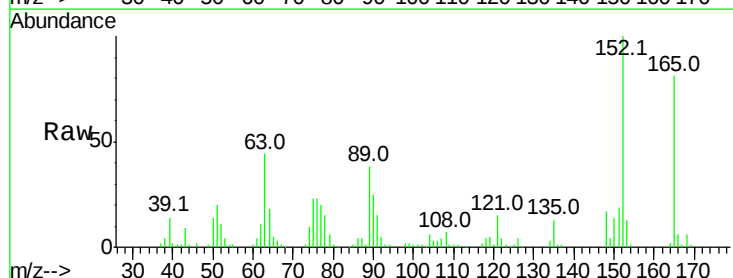
RT: 11.99 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Tgt Ion:165	Resp:	95785
Ion Ratio	Lower	Upper
165	100	
63	54.1	34.3 51.5#
89	46.5	37.1 55.7





#51

Acenaphthene

Concen: 29.08 ng

RT: 12.29 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :

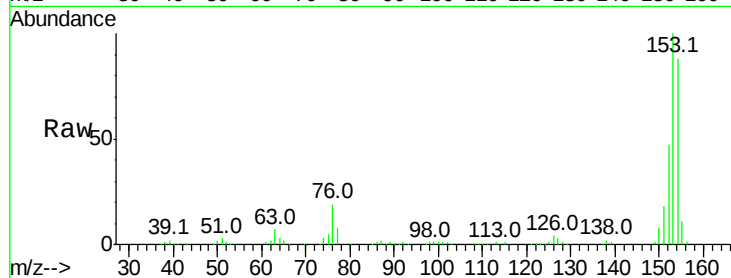
Tot Ion:154 Resp: 338720

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

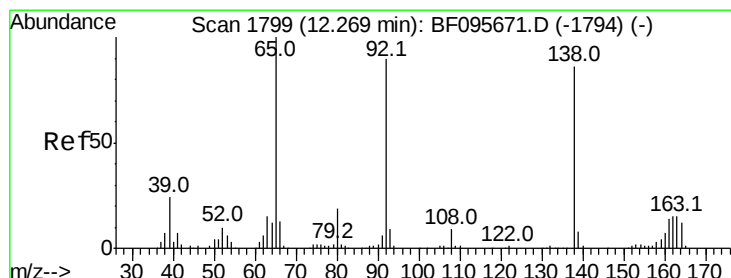
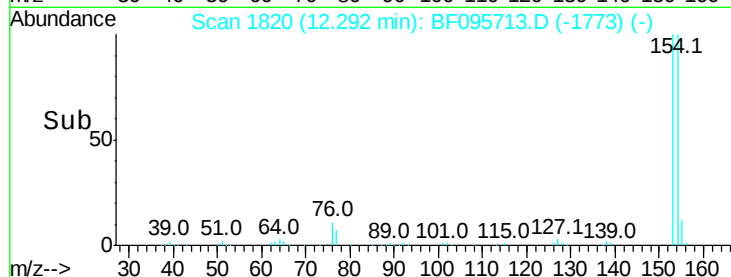
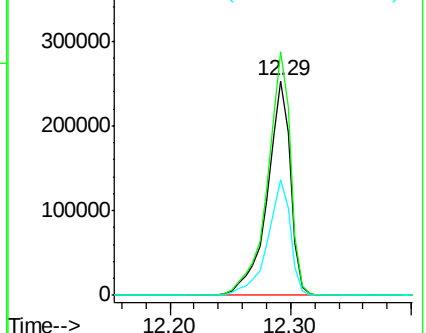
152 53.7 43.6 65.4



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: 20.17 ng

RT: 12.25 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

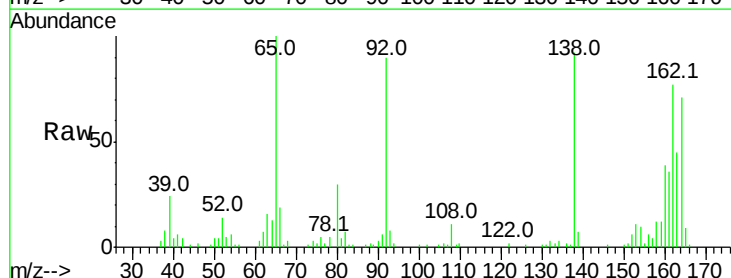
Tgt Ion:138 Resp: 71260

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

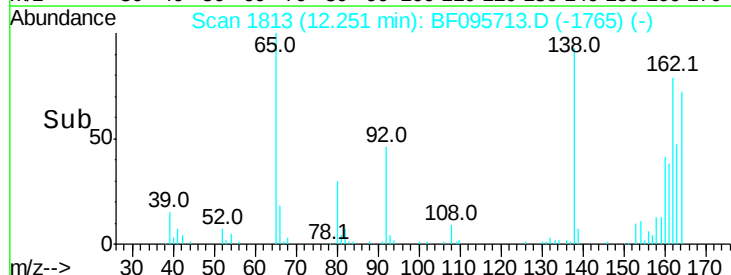
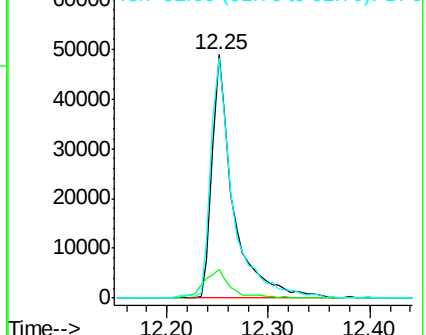
92 98.5 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

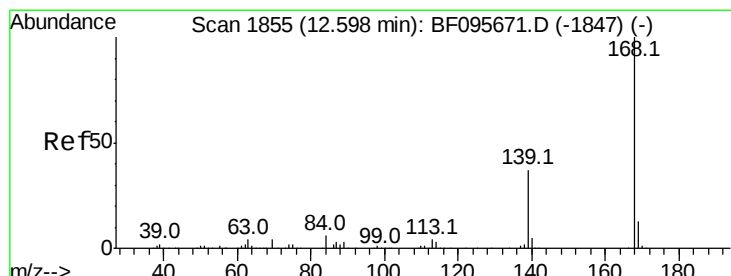
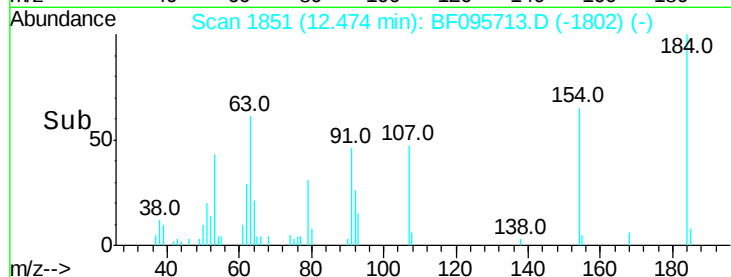
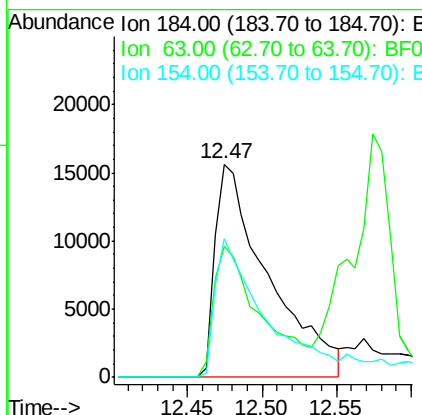
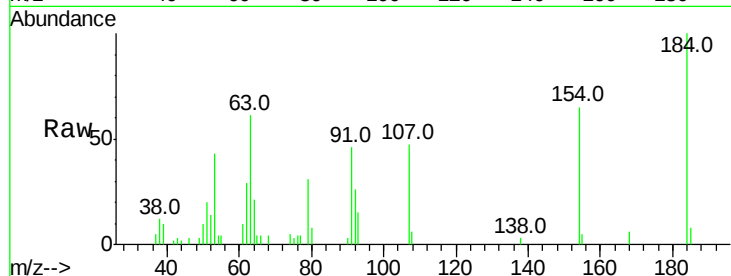




#53
 2,4-Dinitrophenol
 Concen: 27.30 ng
 RT: 12.47 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

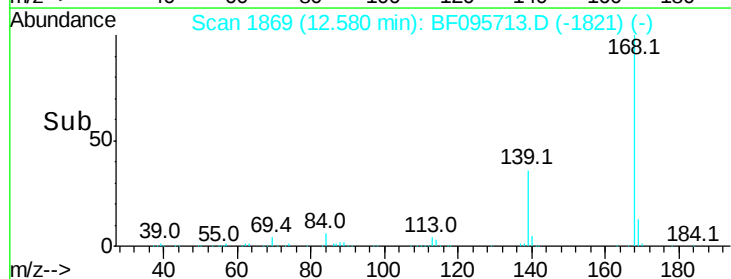
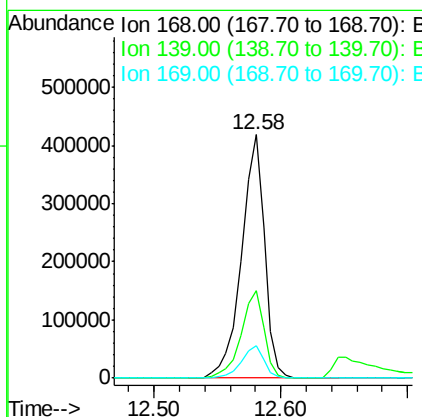
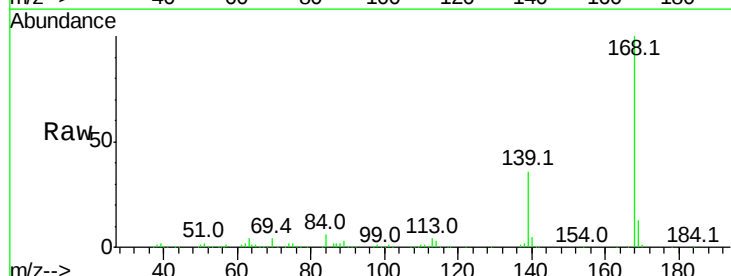
Instrument :
 BNA_F
 ClientSampled :

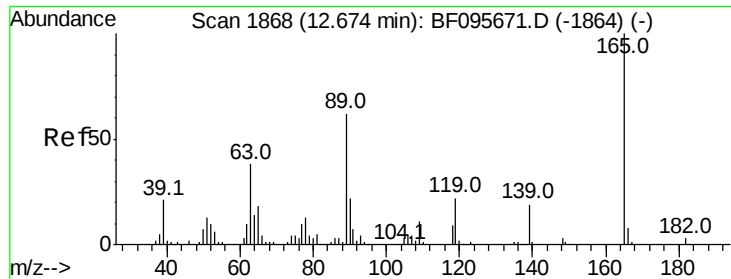
Tot Ion:184 Resp: 38911
 Ion Ratio Lower Upper
 184 100
 63 61.3 62.7 94.1#
 154 64.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 32.02 ng
 RT: 12.58 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:168 Resp: 524839
 Ion Ratio Lower Upper
 168 100
 139 35.9 30.6 45.8
 169 13.4 10.8 16.2

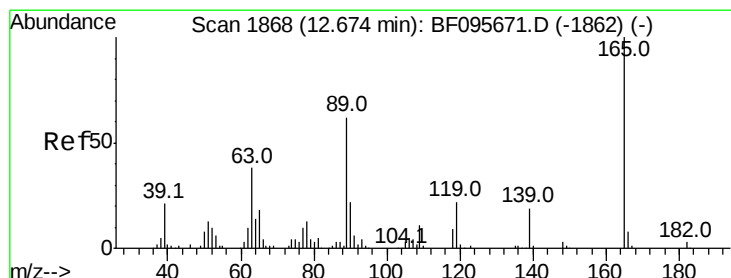
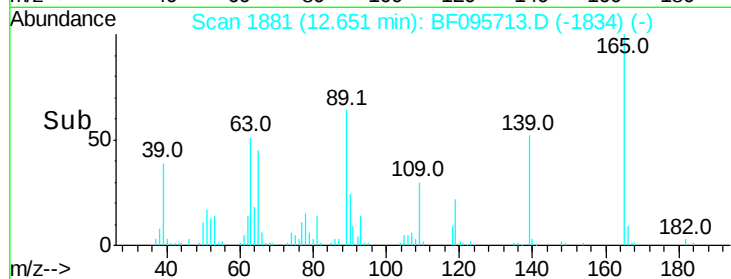
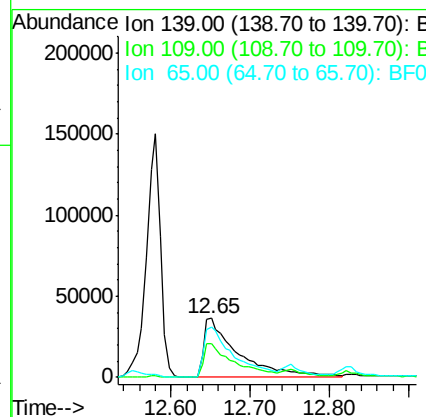
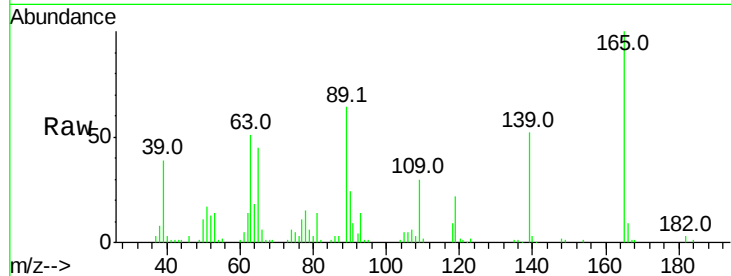




#55
 4-Nitrophenol
 Concen: 55.13 ng
 RT: 12.65 min Scan# 1881
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

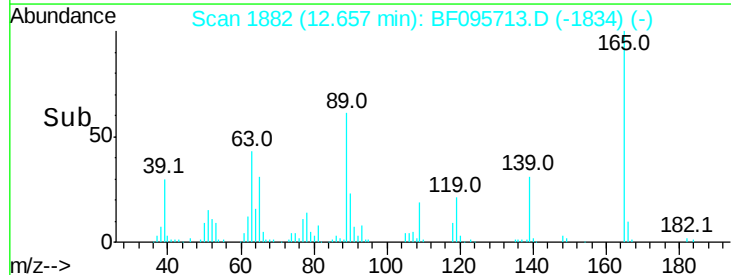
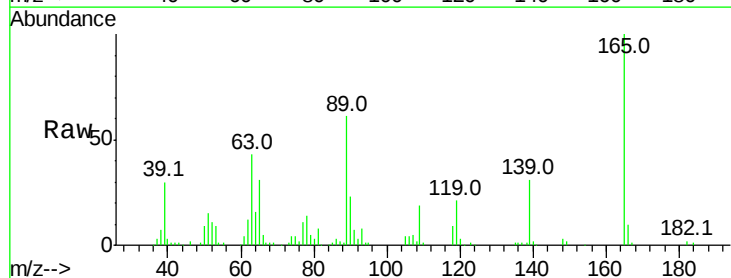
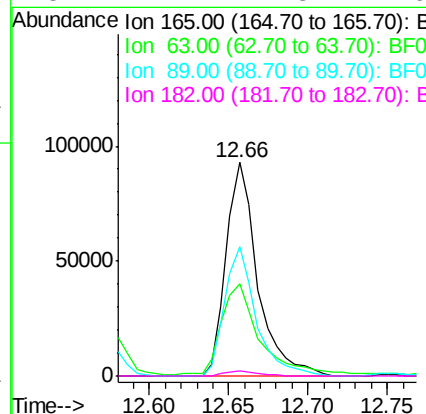
Instrument :
 BNA_F
 ClientSampleId :

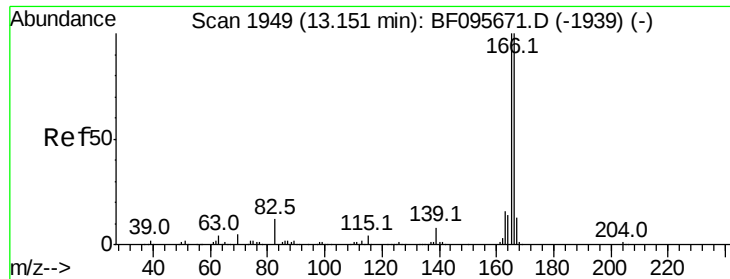
Tot Ion:139 Resp: 110590
 Ion Ratio Lower Upper
 139 100
 109 58.1 34.1 74.1
 65 85.3 31.4 71.4#



#56
 2,4-Dinitrotoluene
 Concen: 31.40 ng
 RT: 12.66 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:165 Resp: 128623
 Ion Ratio Lower Upper
 165 100
 63 43.1 25.4 38.0#
 89 60.6 46.4 69.6
 182 2.4 1.8 2.6

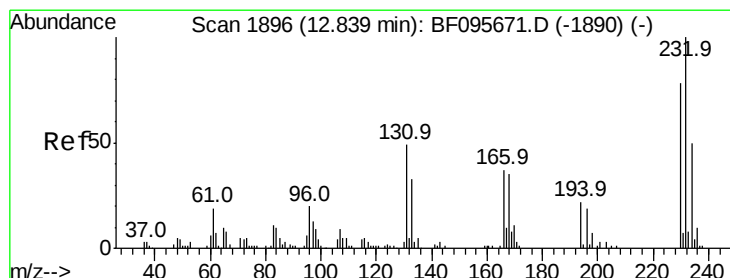
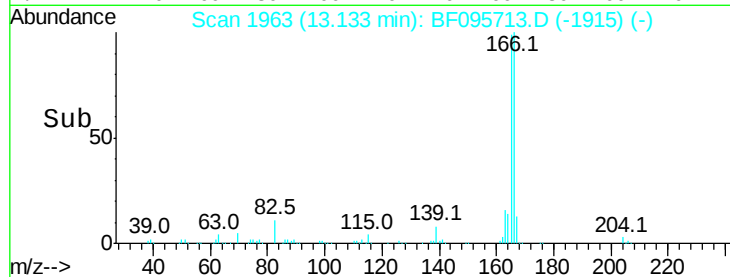
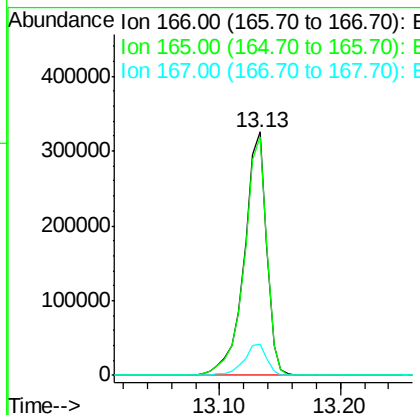
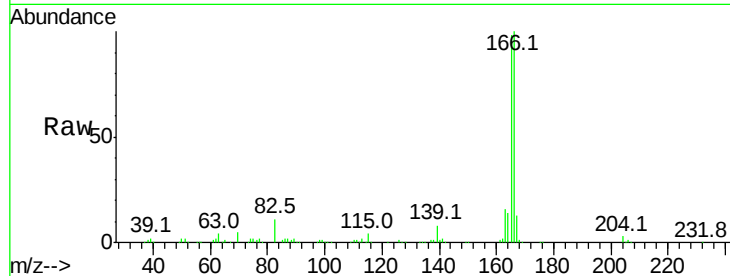




#57
 Fluorene
 Concen: 29.40 ng
 RT: 13.13 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

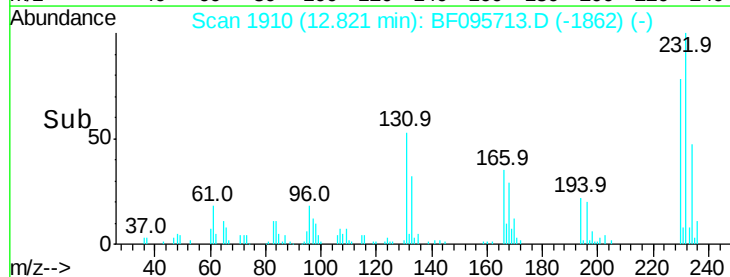
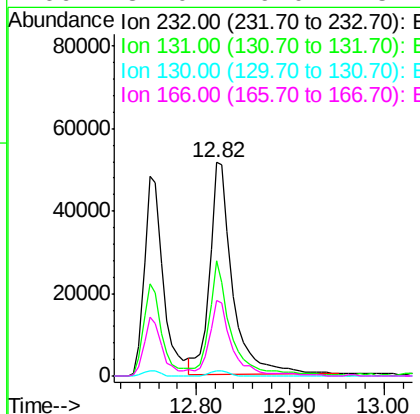
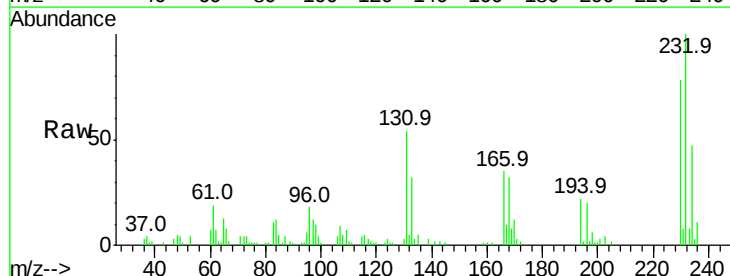
Instrument :
 BNA_F
 ClientSampleId :

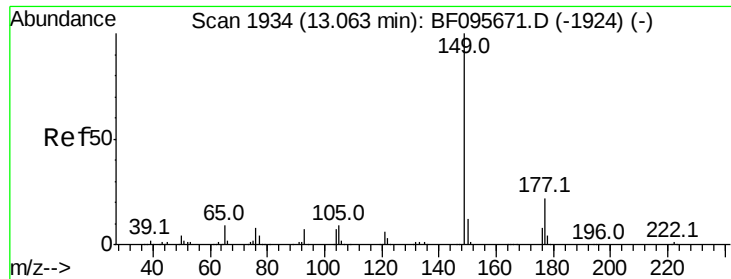
Tot Ion:166 Resp: 419430
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.8 118.2
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.33 ng
 RT: 12.82 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:232 Resp: 88050
 Ion Ratio Lower Upper
 232 100
 131 48.8 44.8 67.2
 130 2.1 2.3 3.5#
 166 32.0 29.0 43.4

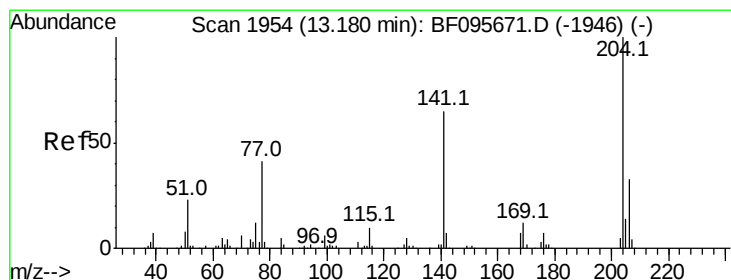
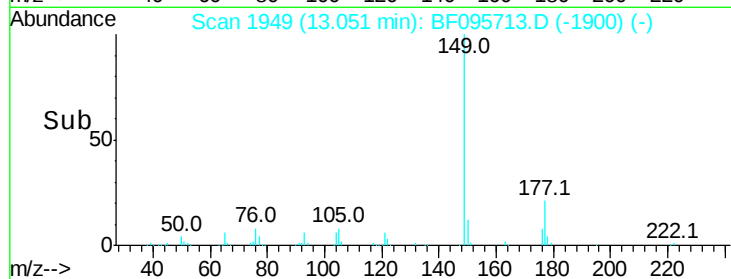
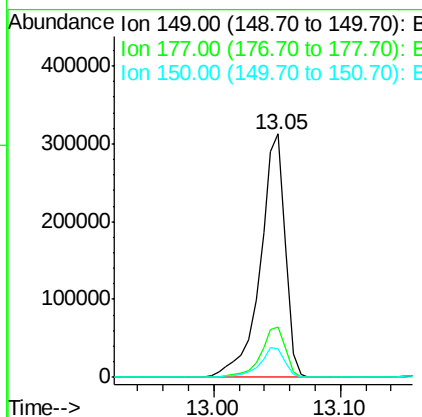
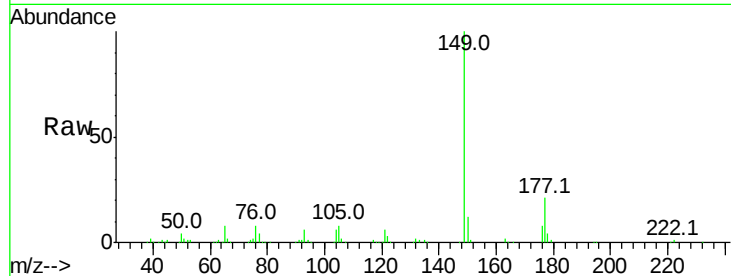




#59
Diethylphthalate
Concen: 31.88 ng
RT: 13.05 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

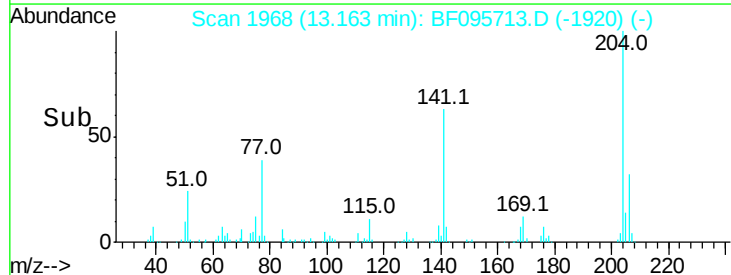
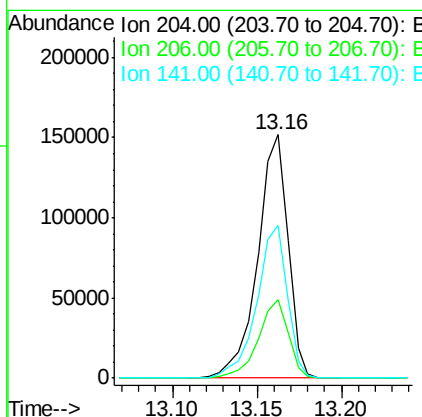
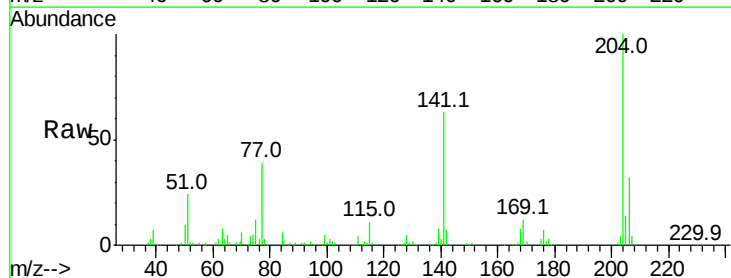
Instrument :
BNA_F
ClientSampleId :

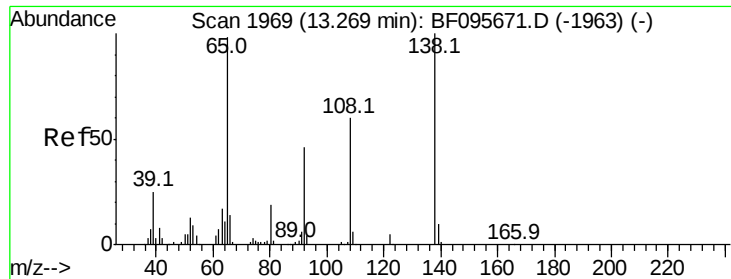
Tot Ion:149 Resp: 426541
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 11.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 30.65 ng
RT: 13.16 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion:204 Resp: 190142
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 62.6 60.8 91.2

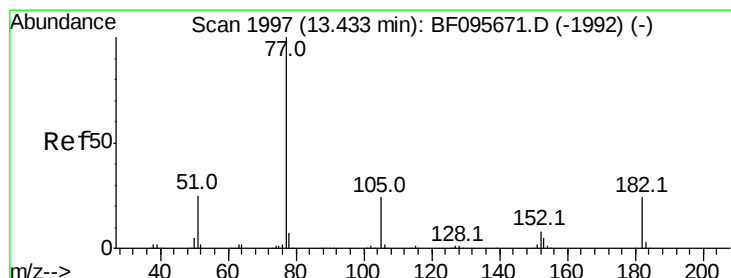
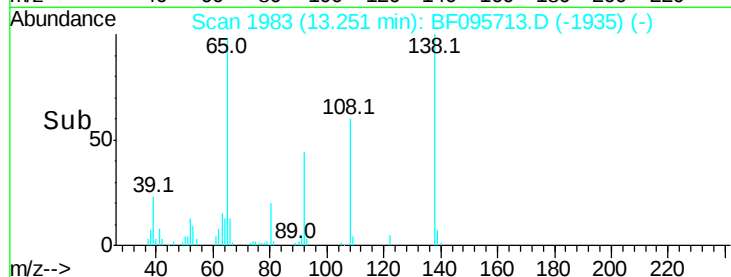
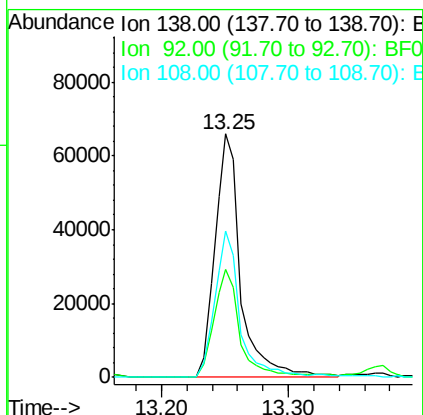
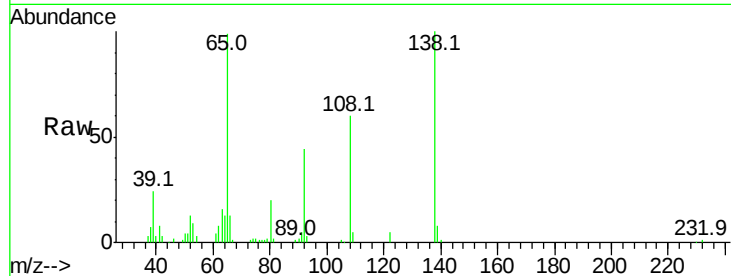




#61
4-Nitroaniline
Concen: 28.41 ng
RT: 13.25 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

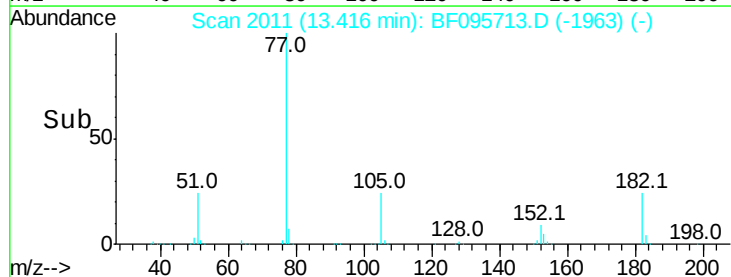
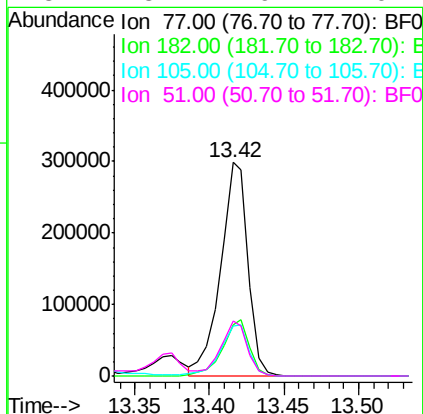
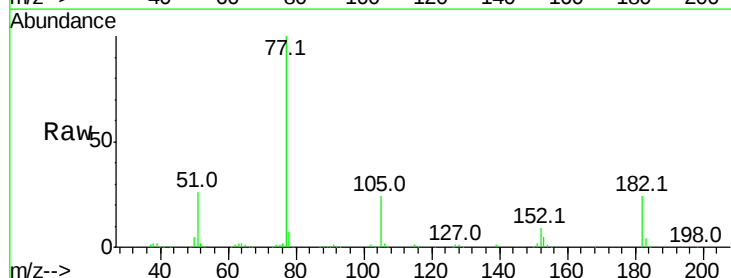
Instrument :
BNA_F
ClientSampleId :

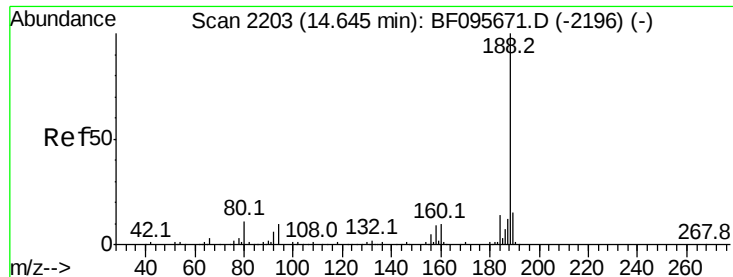
Tot Ion:138 Resp: 93734
Ion Ratio Lower Upper
138 100
92 44.5 21.8 61.8
108 60.3 42.3 82.3



#62
Azobenzene
Concen: 31.77 ng
RT: 13.42 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion: 77 Resp: 385316
Ion Ratio Lower Upper
77 100
182 24.0 0.1 40.1
105 23.5 3.6 43.6
51 25.7 9.4 49.4

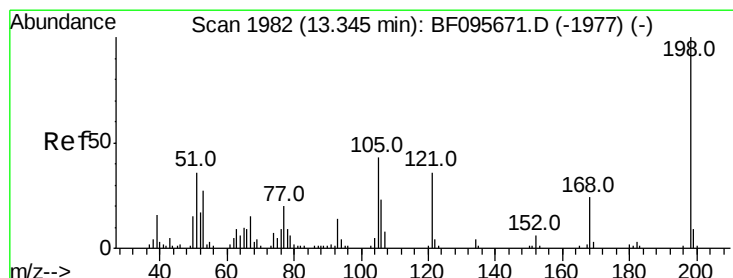
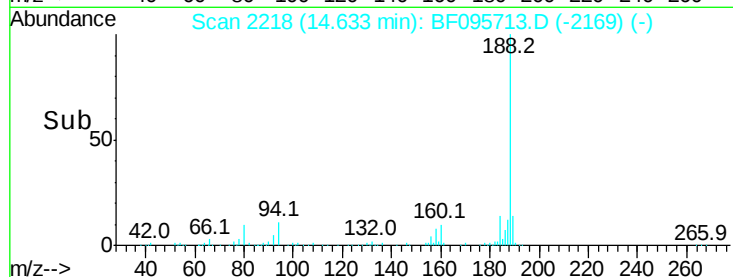
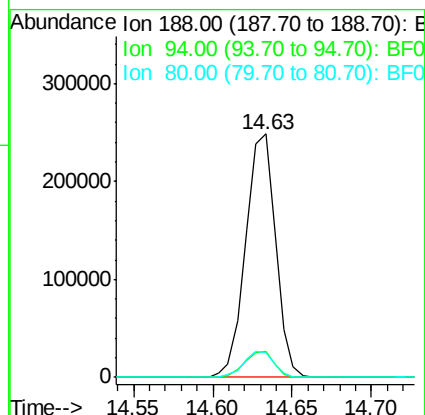
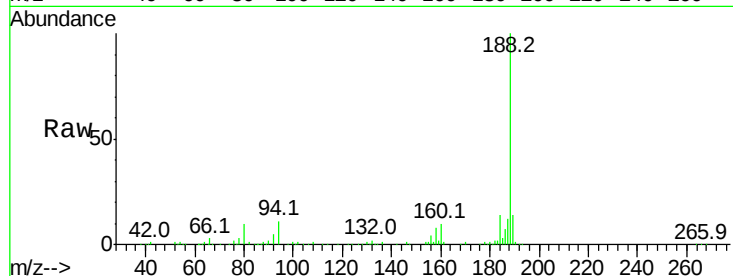




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

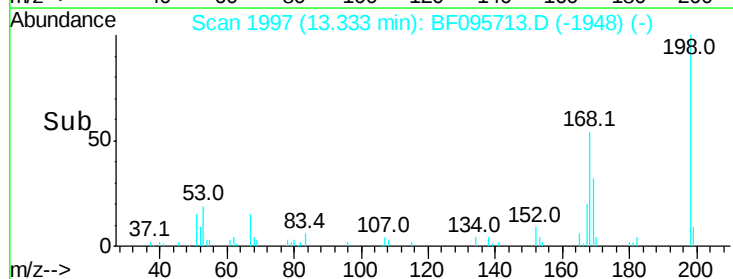
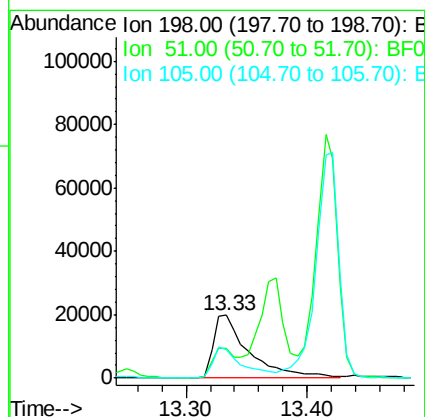
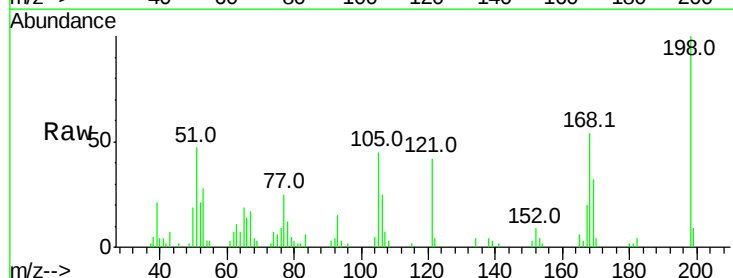
Instrument :
BNA_F
ClientSampleId :

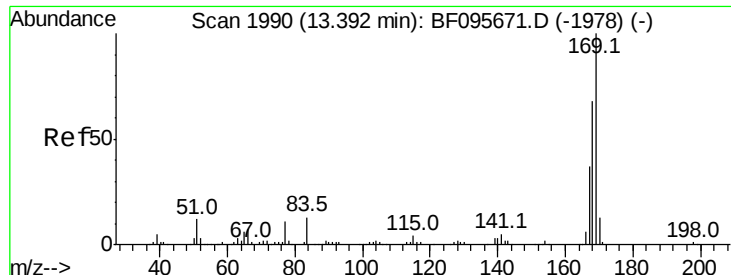
Tot Ion:188 Resp: 327005
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 18.87 ng
RT: 13.33 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion:198 Resp: 40563
Ion Ratio Lower Upper
198 100
51 46.8 53.2 93.2#
105 44.8 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 30.88 ng

RT: 13.37 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

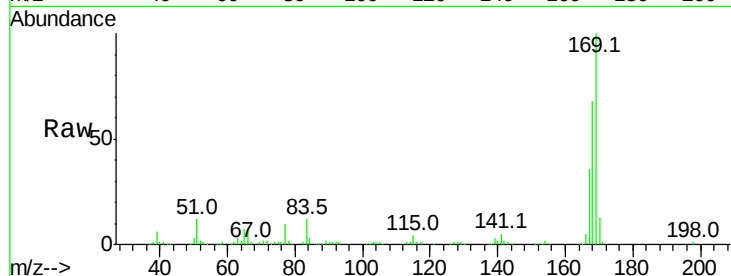
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 362832

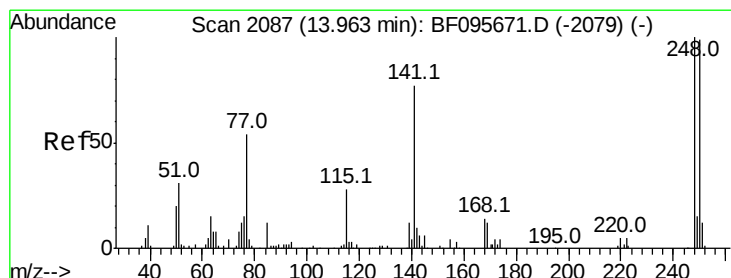
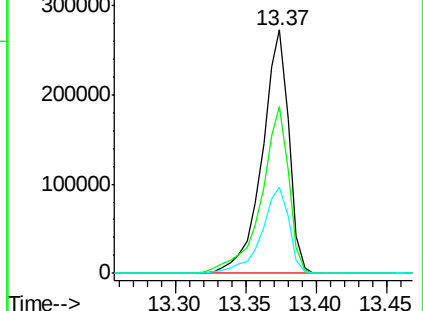
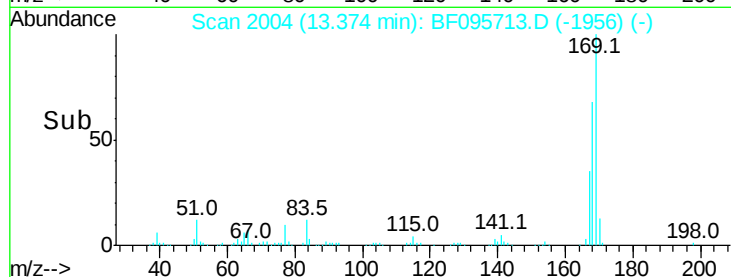
Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.2	79.8
167	35.7	29.5	44.3



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: 31.62 ng

RT: 13.94 min Scan# 2101

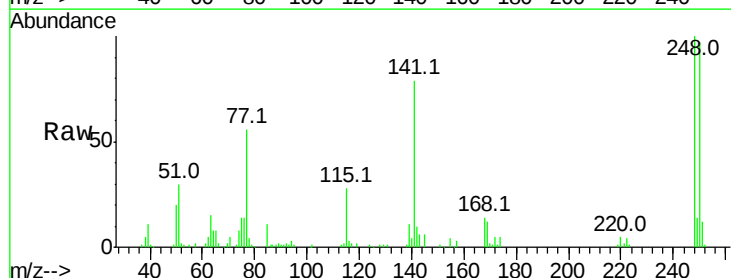
Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Tgt Ion:248 Resp: 107467

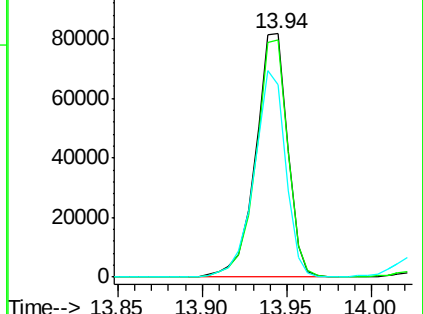
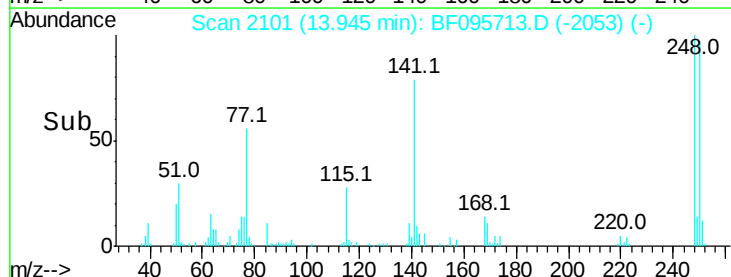
Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.8	115.2
141	79.1	68.6	103.0



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

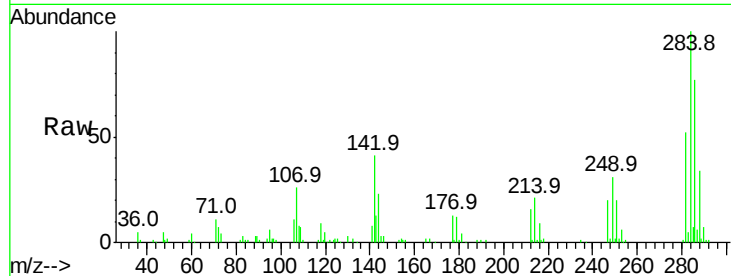




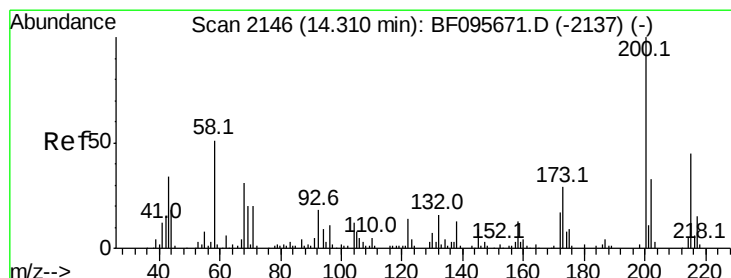
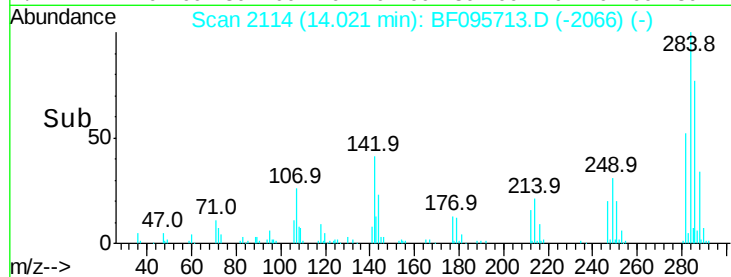
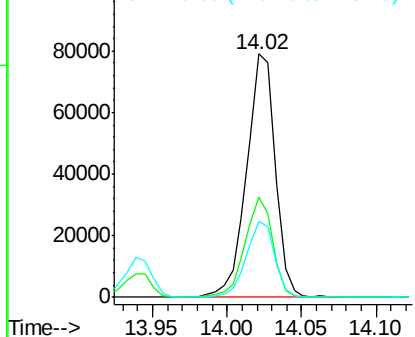
#67
Hexachlorobenzene
Concen: 31.22 ng
RT: 14.02 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 104545
Ion Ratio Lower Upper
284 100
142 41.3 22.8 34.2#
249 31.0 24.0 36.0

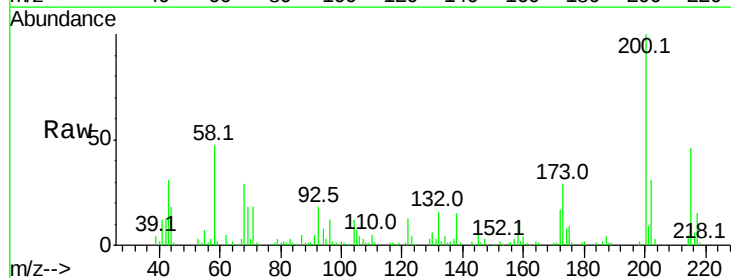


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

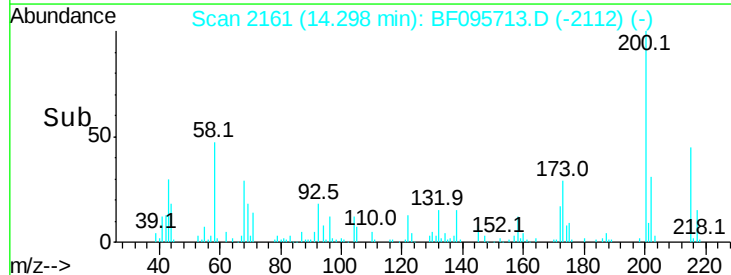
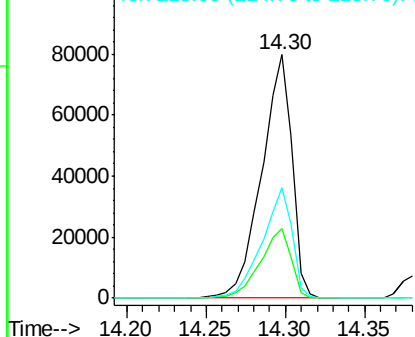


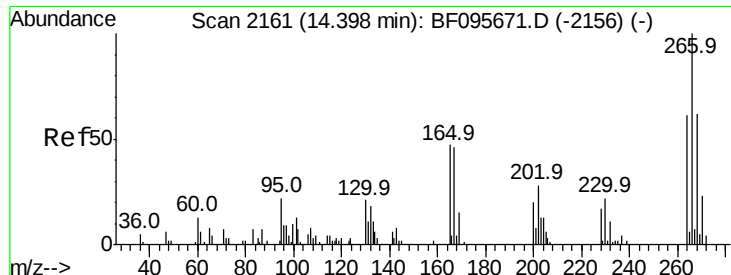
#68
Atrazine
Concen: 32.60 ng
RT: 14.30 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion:200 Resp: 106622
Ion Ratio Lower Upper
200 100
173 28.6 6.3 46.3
215 45.6 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

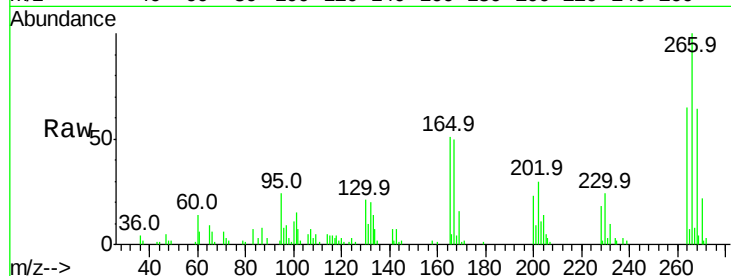




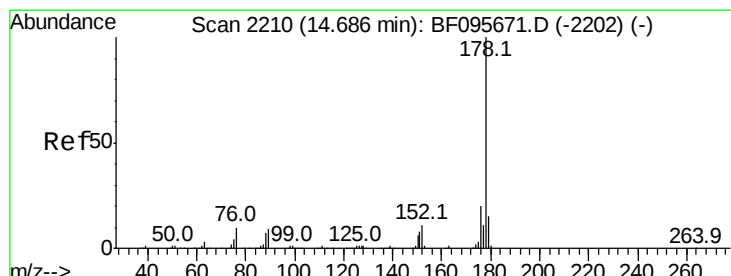
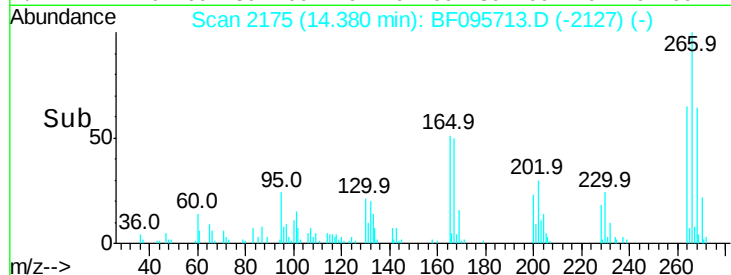
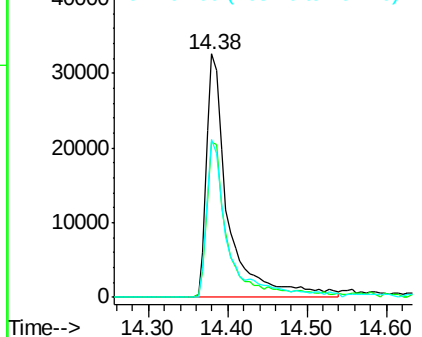
#69
 Pentachlorophenol
 Concen: 51.98 ng
 RT: 14.38 min Scan# 2175
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 62800
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 65.0 51.7 77.5

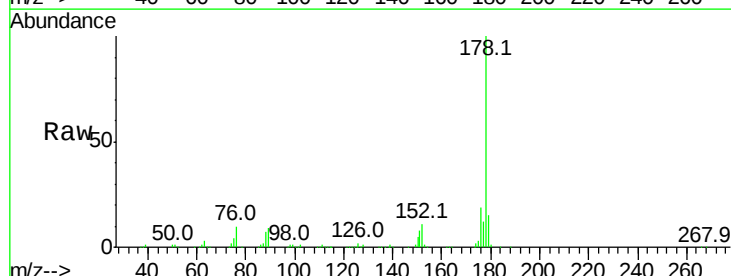


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

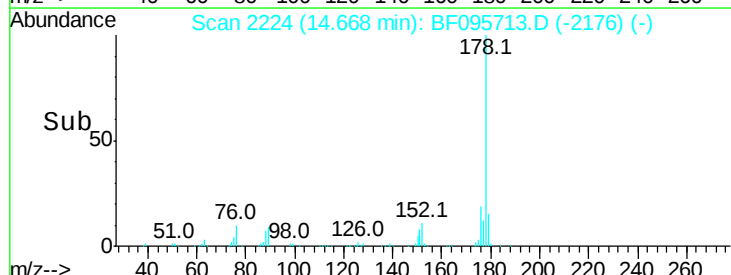
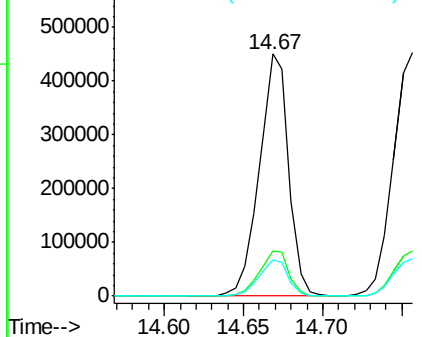


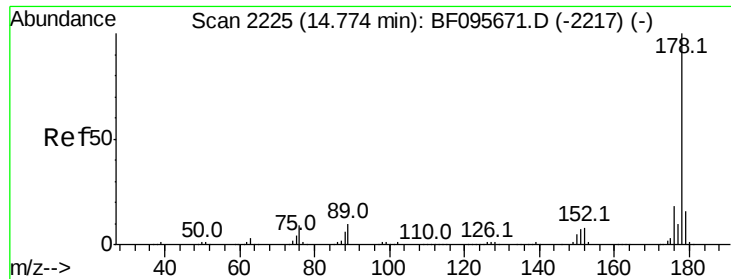
#70
 Phenanthrene
 Concen: 30.77 ng
 RT: 14.67 min Scan# 2224
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:178 Resp: 580507
 Ion Ratio Lower Upper
 178 100
 176 18.5 16.2 24.4
 179 15.2 12.6 19.0



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

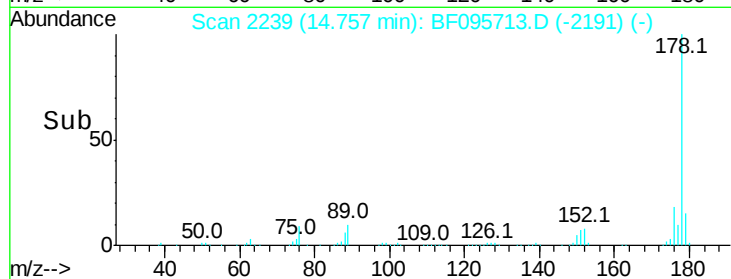
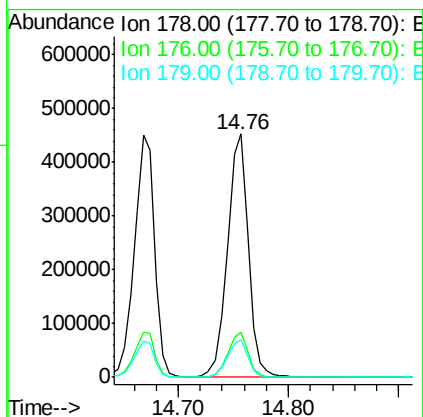
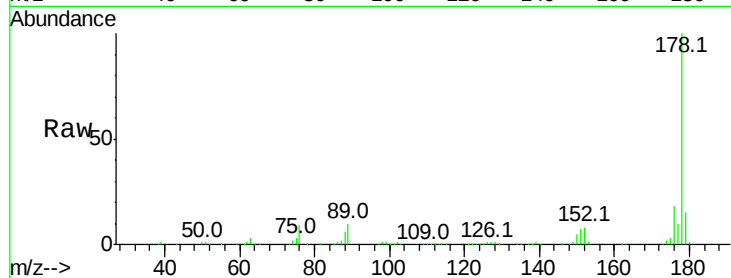




#71
 Anthracene
 Concen: 30.65 ng
 RT: 14.76 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

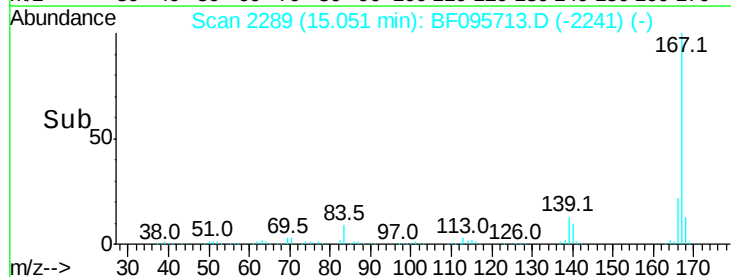
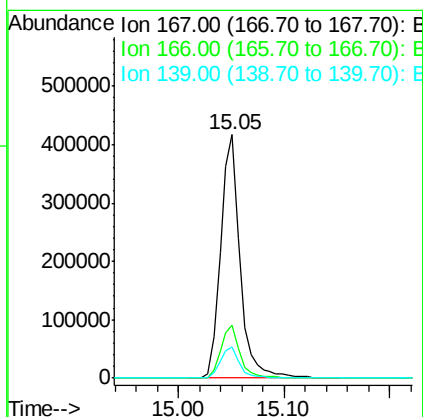
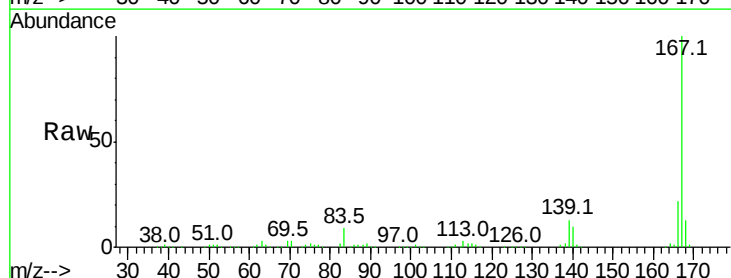
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 603703
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 27.93 ng
 RT: 15.05 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:167 Resp: 536159
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 33.13 ng

RT: 15.64 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :

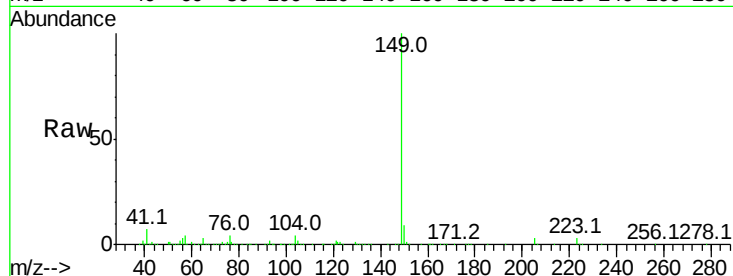
Tot Ion:149 Resp: 676598

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

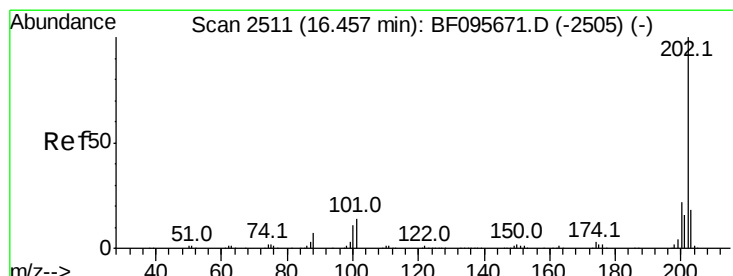
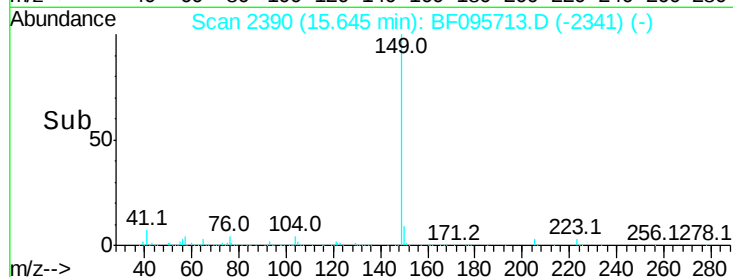
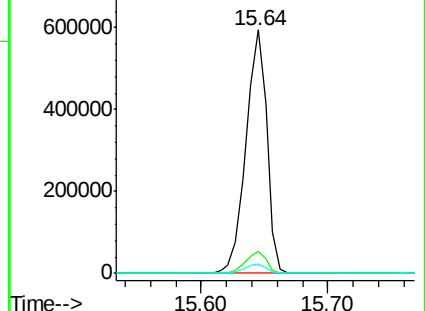
104 3.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.36 ng

RT: 16.44 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

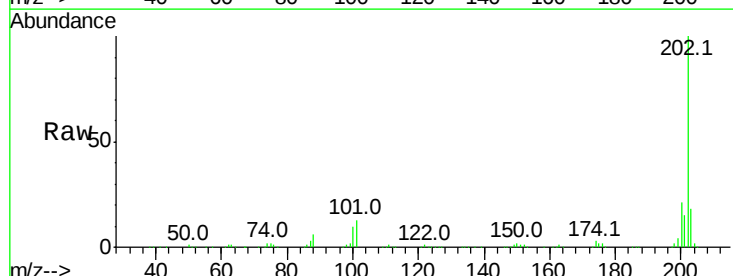
Tgt Ion:202 Resp: 566919

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

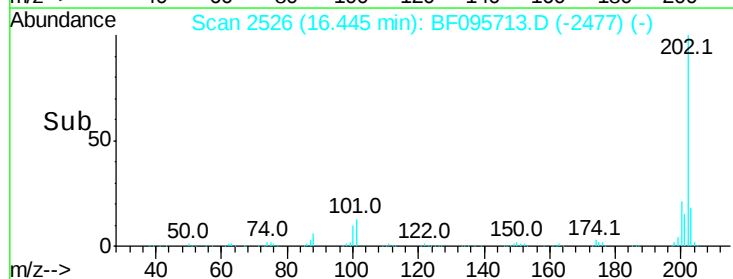
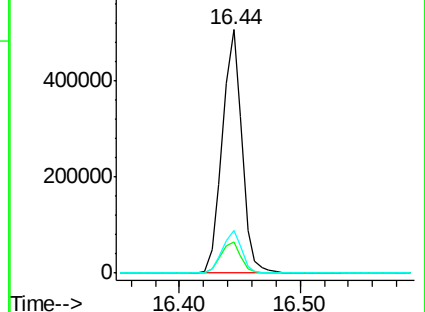
203 17.6 0.0 38.1

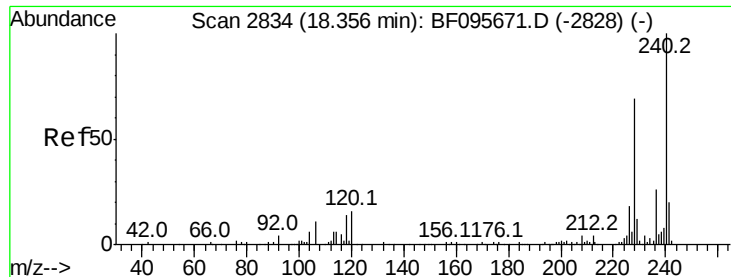


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

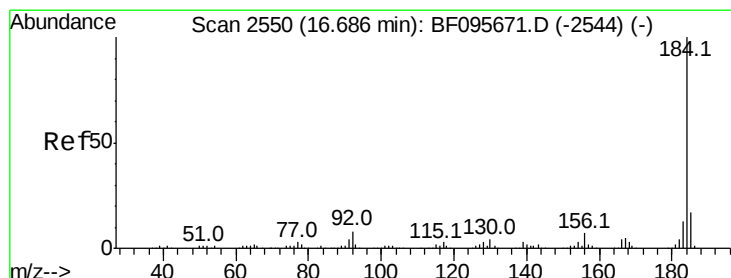
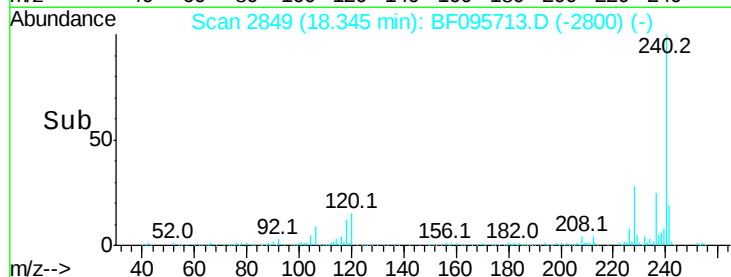
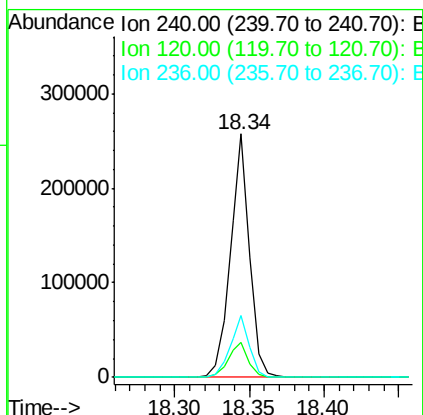
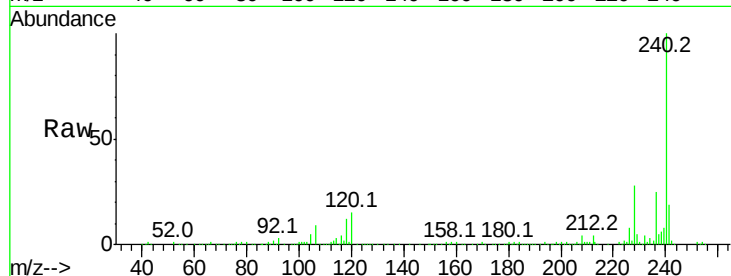




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.34 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

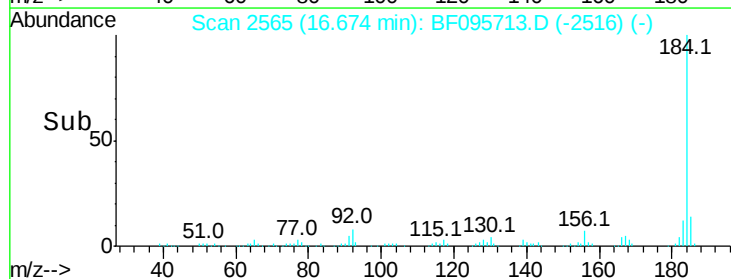
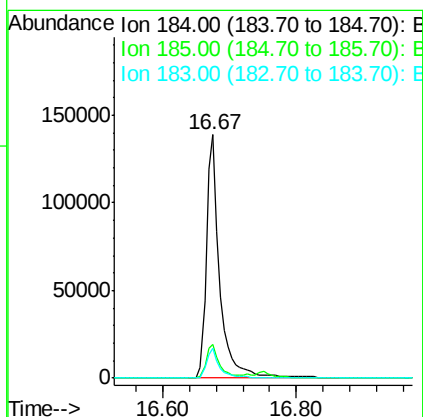
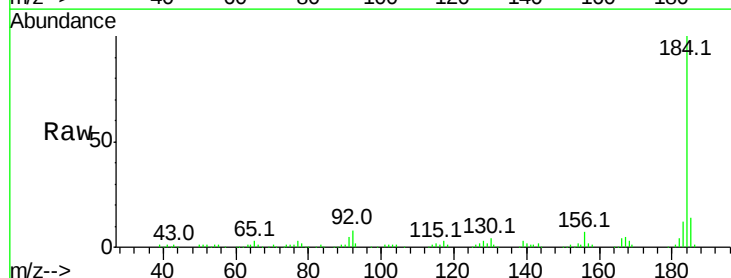
Instrument :
 BNA_F
 ClientSampleId :

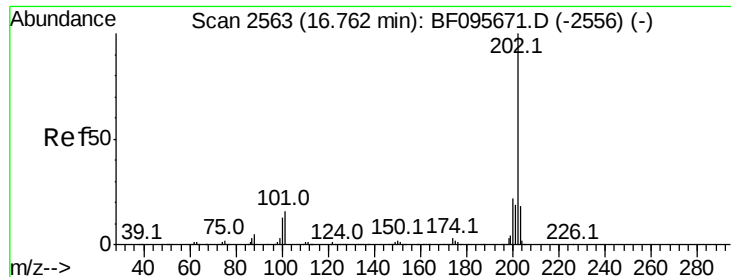
Tot Ion:240 Resp: 232799
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 25.4 20.5 30.7



#76
 Benzidine
 Concen: 21.50 ng
 RT: 16.67 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:184 Resp: 192209
 Ion Ratio Lower Upper
 184 100
 185 14.0 15.5 23.3#
 183 12.4 9.8 14.6





#77

Pvrene

Concen: 33.10 ng

RT: 16.74 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :

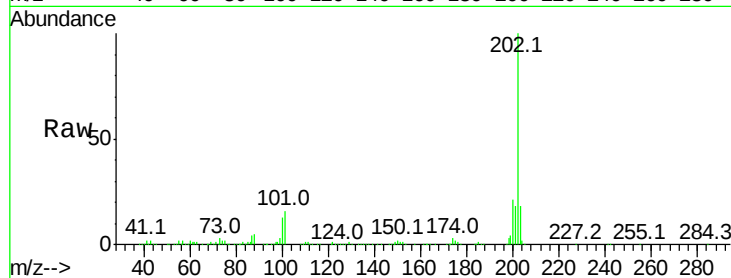
Tot Ion:202 Resp: 574962

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

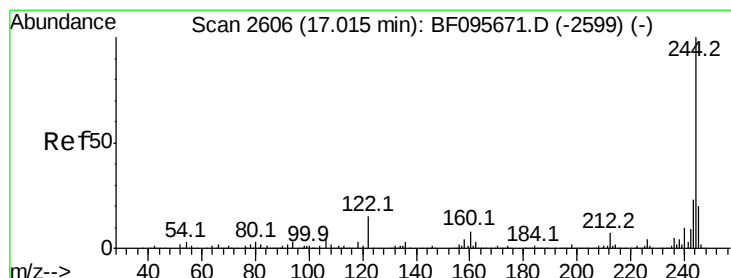
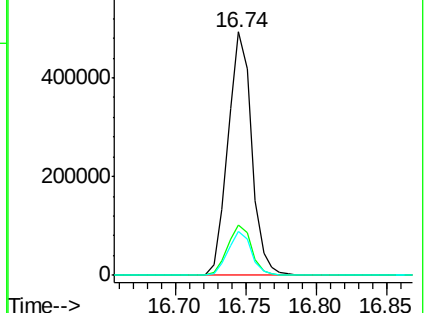
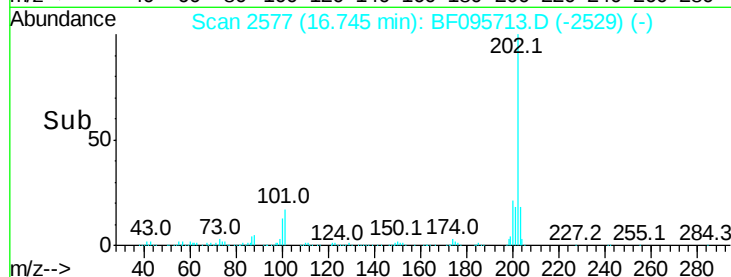
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.99 ng

RT: 17.00 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

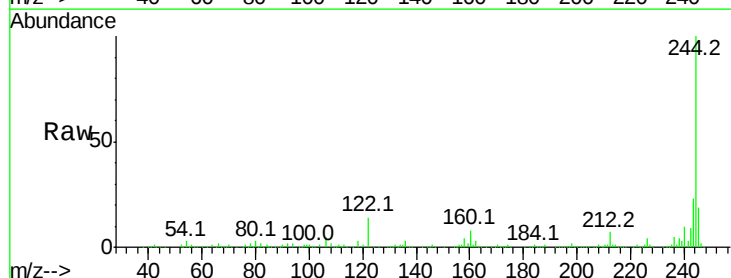
Tgt Ion:244 Resp: 675316

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

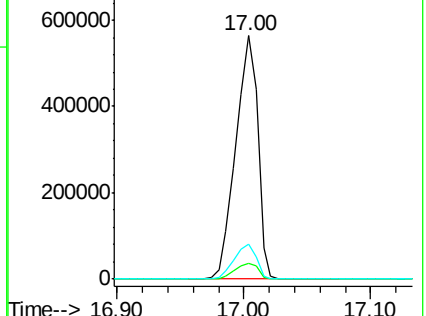
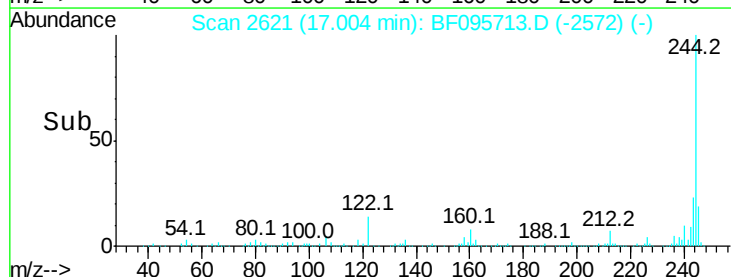
122 14.2 10.3 15.5

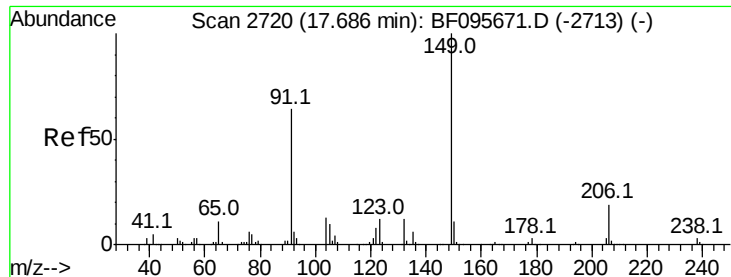


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

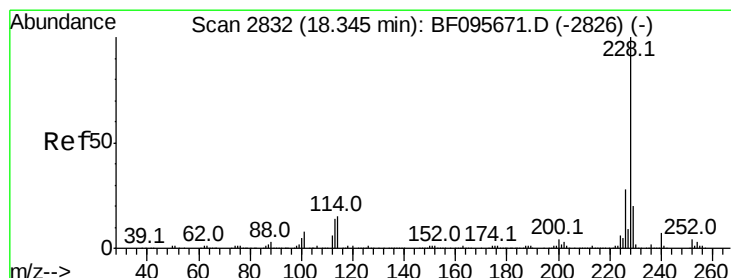
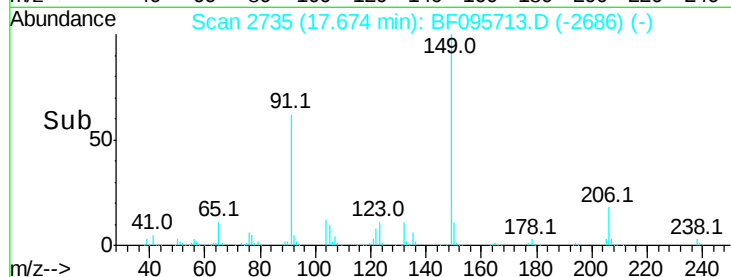
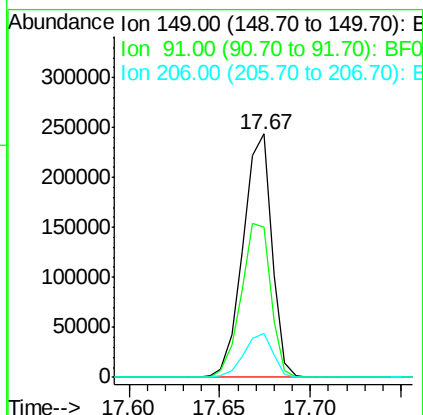
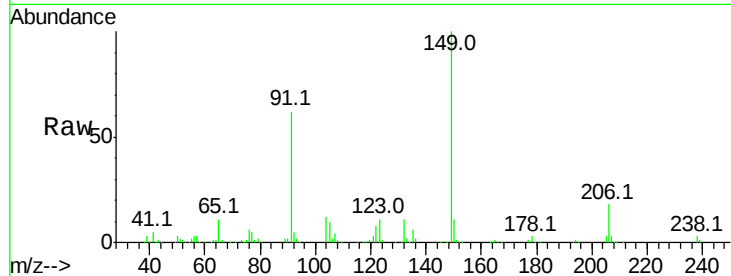




#79
Butylbenzylphthalate
Concen: 35.46 ng
RT: 17.67 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

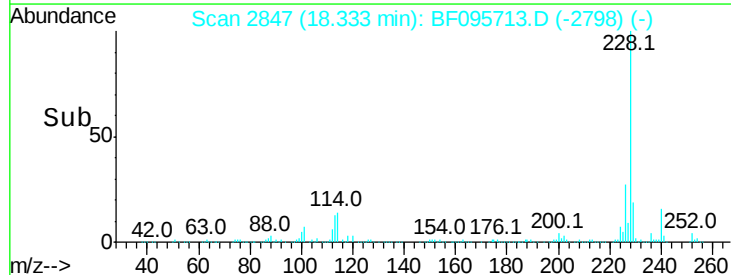
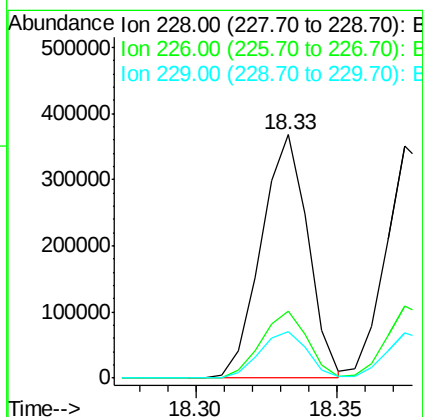
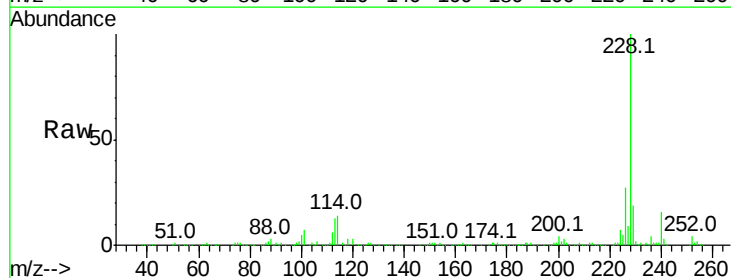
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.8	45.0	67.4
206	18.0	17.0	25.6



#80
Benzo(a)anthracene
Concen: 31.13 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.2	16.3	24.5

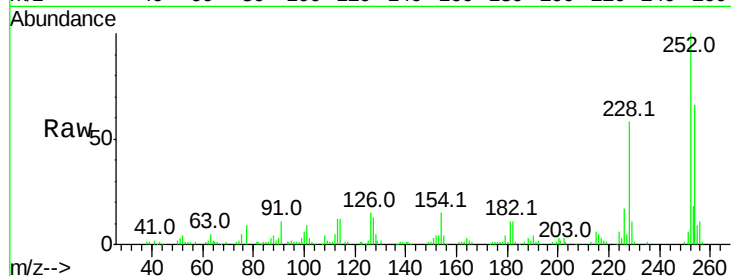




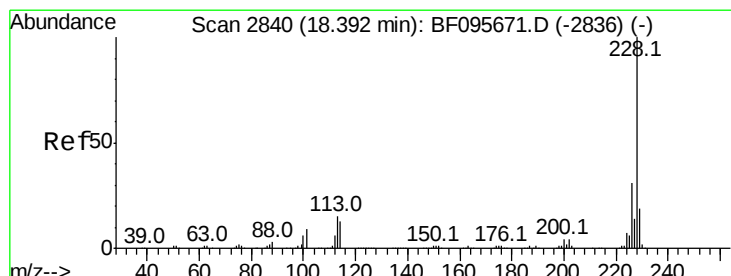
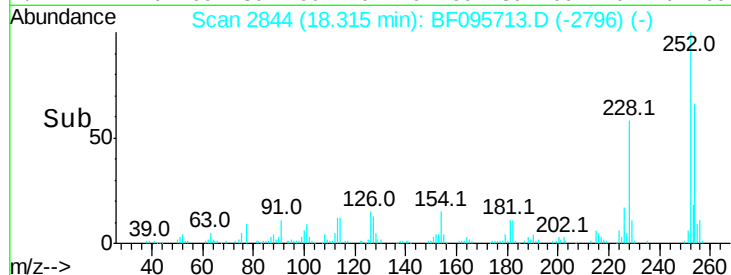
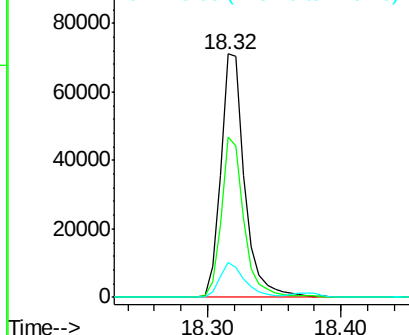
#81
 3,3'-Dichlorobenzidine
 Concen: 18.64 ng
 RT: 18.32 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 89676
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.5 77.3
 126 14.5 15.8 23.8#

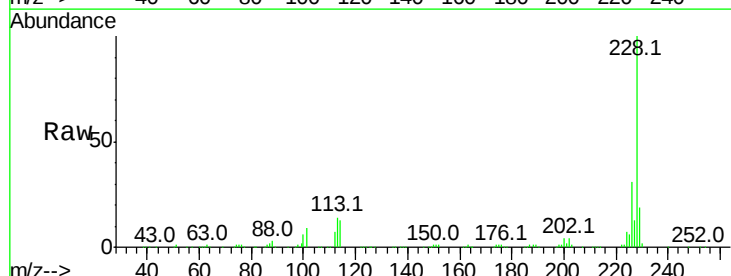


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

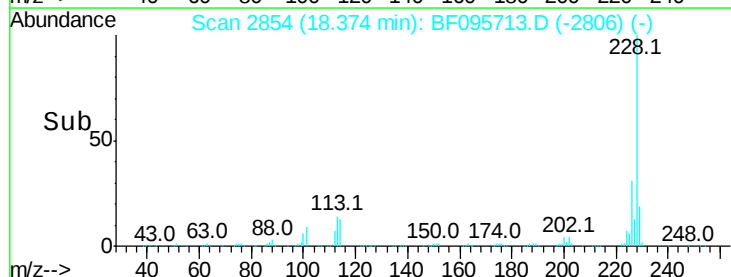
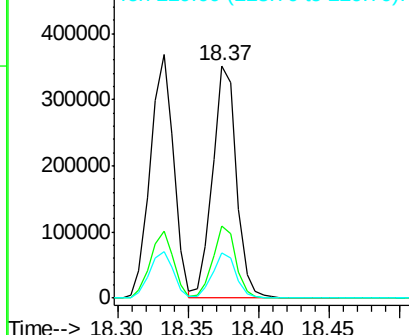


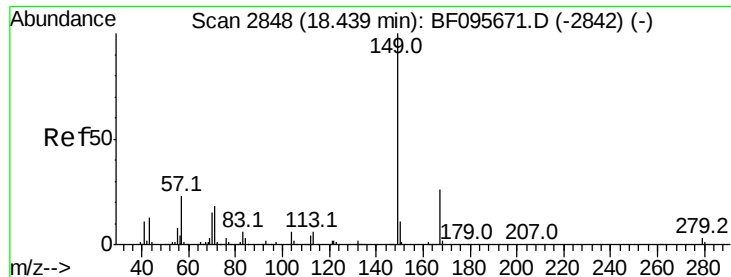
#82
 Chrysene
 Concen: 30.48 ng
 RT: 18.37 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:228 Resp: 412317
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.4 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.11 ng

RT: 18.43 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :

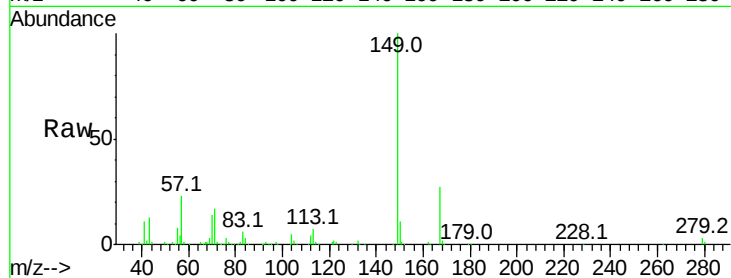
Tot Ion:149 Resp: 375747

Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

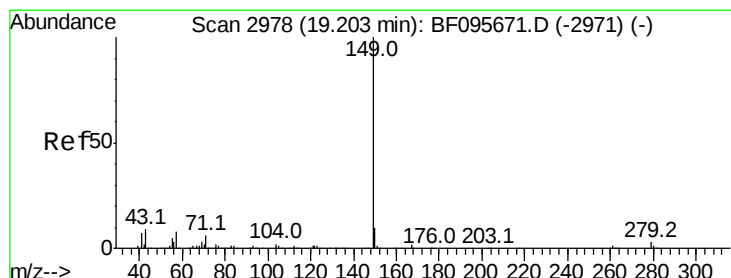
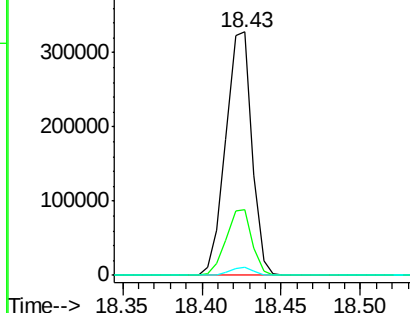
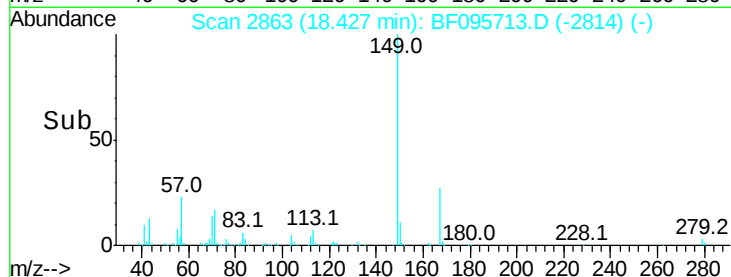
279 3.2 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.03 ng

RT: 19.19 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

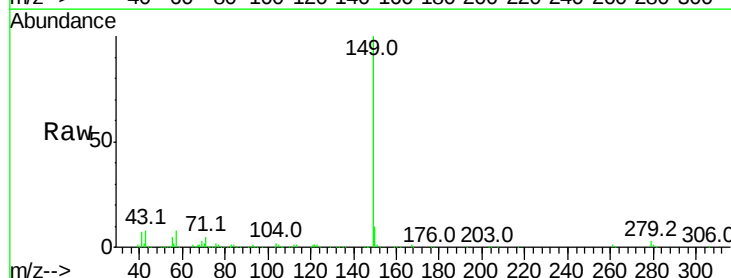
Tgt Ion:149 Resp: 582494

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

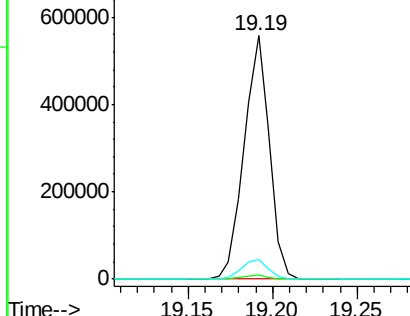
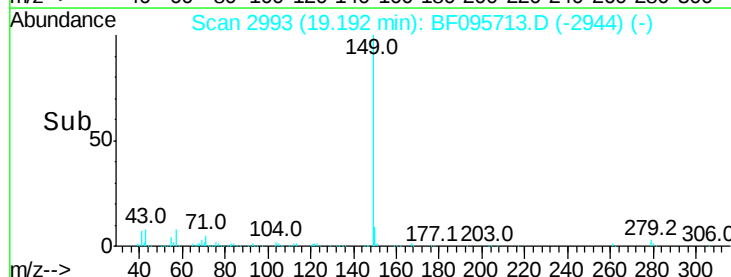
43 8.3 8.5 12.7#



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



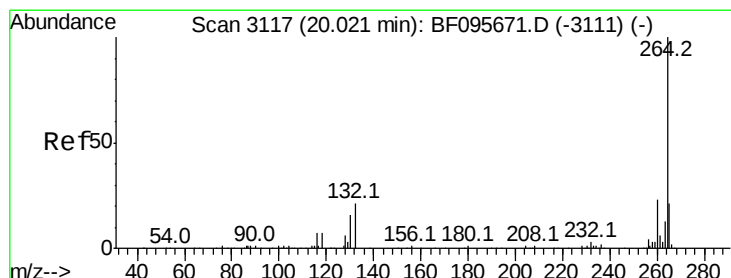
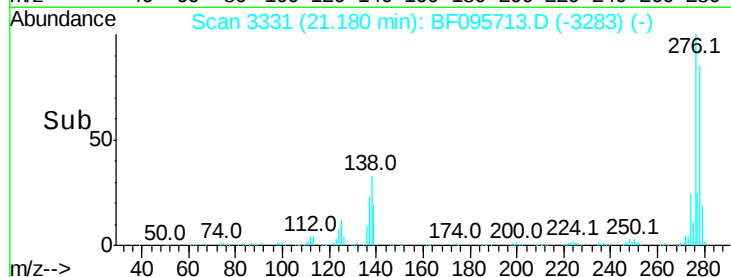
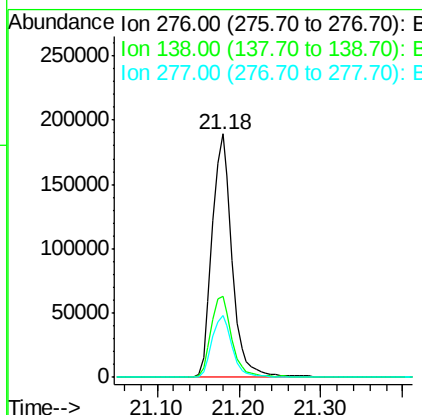
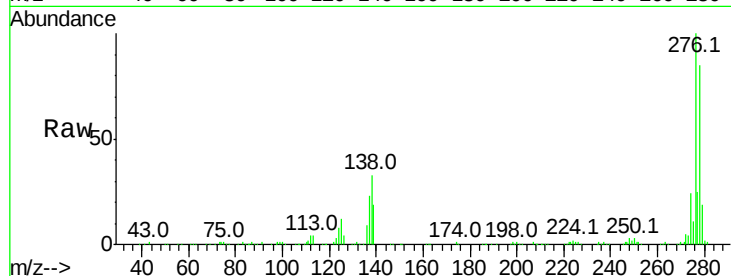


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.95 ng
 RT: 21.18 min Scan# 3331
 Delta R.T. -0.02 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 323439

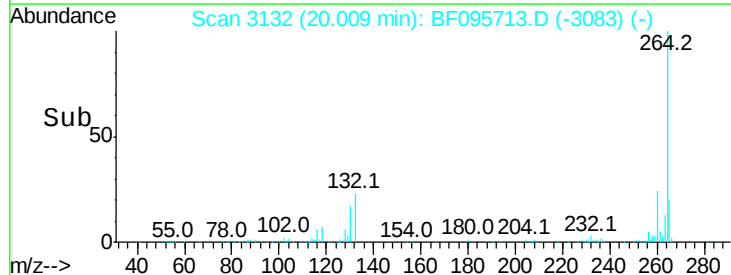
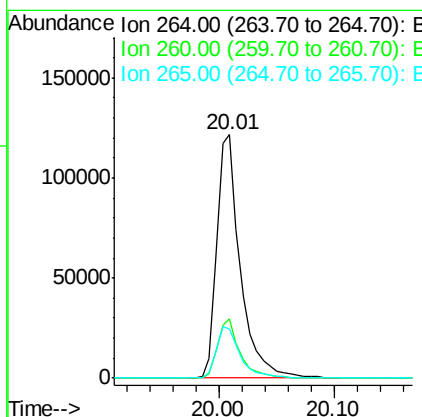
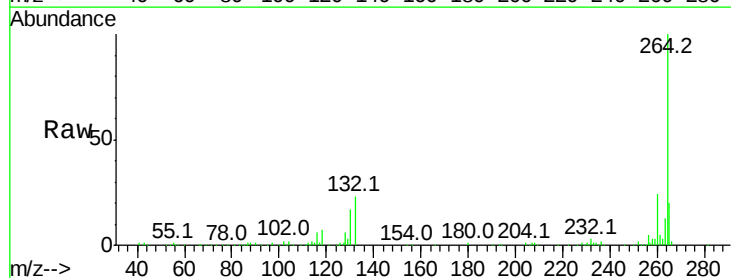
Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095713.D
 Acq: 6 Jun 2017 17:21

Tgt Ion:264 Resp: 170542

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.2	17.2	25.8

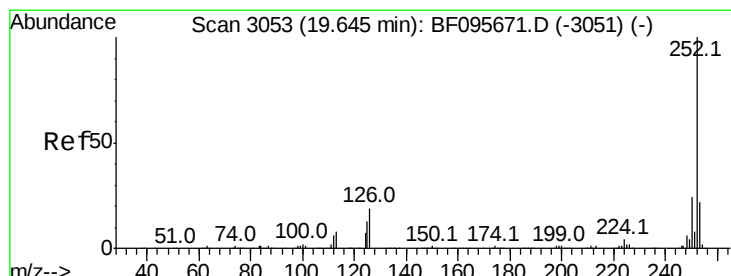
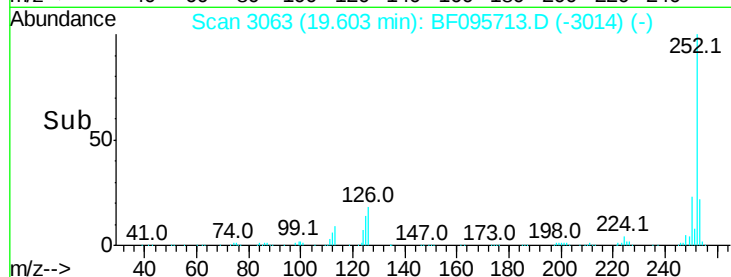
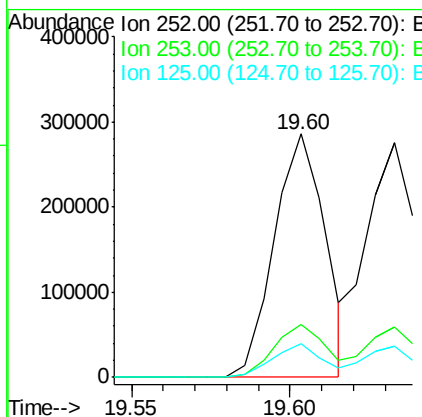
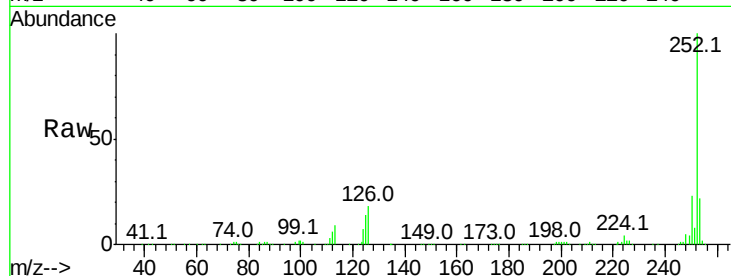




#87
Benzo(b)fluoranthene
Concen: 30.07 ng
RT: 19.60 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

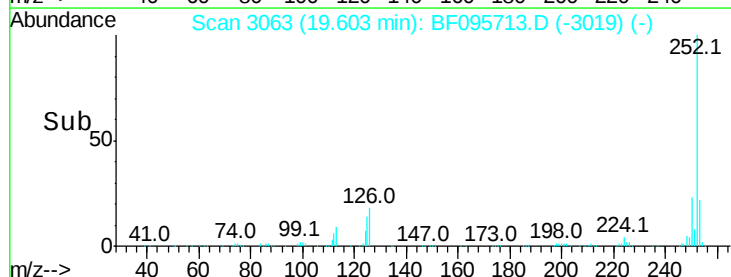
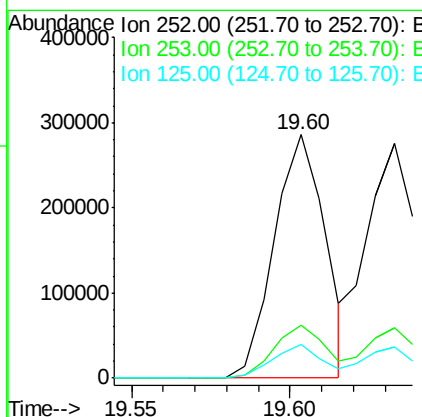
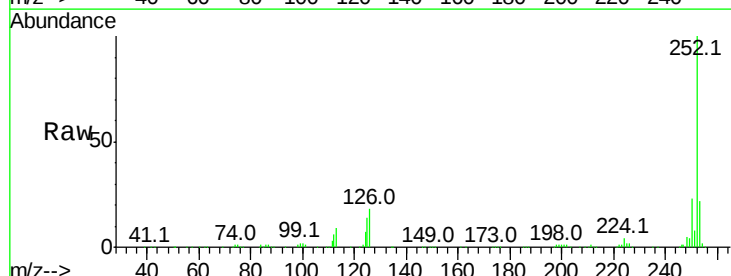
Instrument :
BNA_F
ClientSampleId :

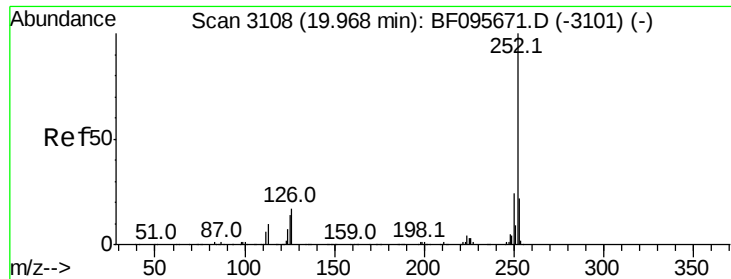
Tot Ion:252 Resp: 321073
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 13.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 31.46 ng
RT: 19.60 min Scan# 3063
Delta R.T. -0.04 min
Lab File: BF095713.D
Acq: 6 Jun 2017 17:21

Tgt Ion:252 Resp: 321073
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 13.7 13.1 19.7





#89

Benzo(a)pyrene

Concen: 31.29 ng

RT: 19.95 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :

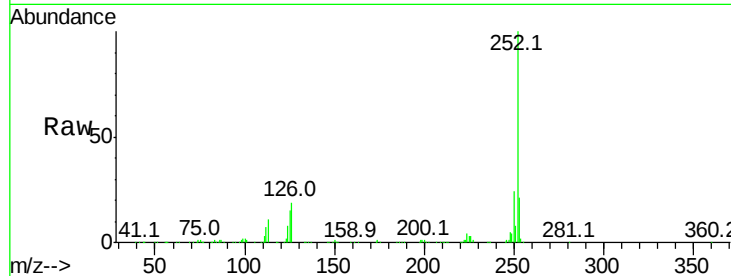
Tot Ion:252 Resp: 307131

Ion Ratio Lower Upper

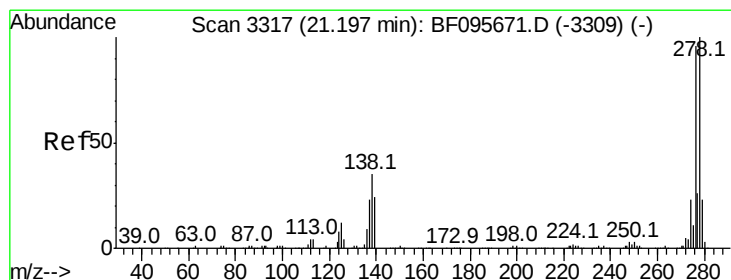
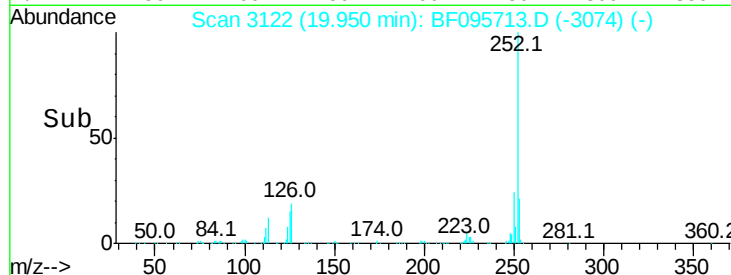
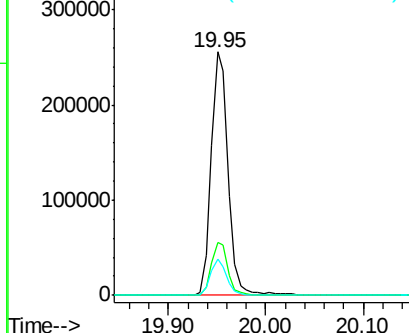
252 100

253 21.5 17.5 26.3

125 15.1 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 32.69 ng

RT: 21.18 min Scan# 3331

Delta R.T. -0.02 min

Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

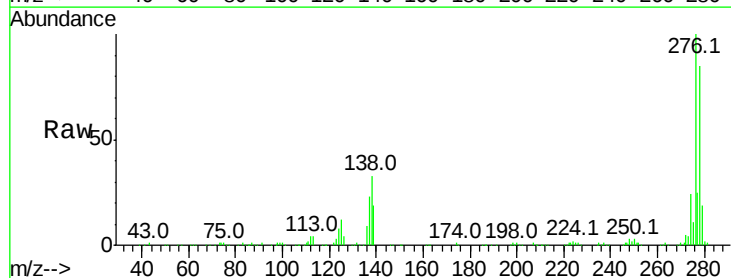
Tgt Ion:278 Resp: 272139

Ion Ratio Lower Upper

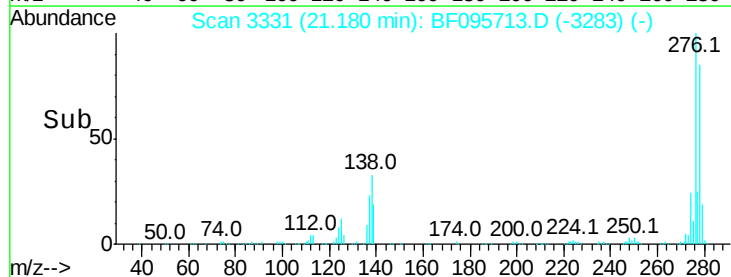
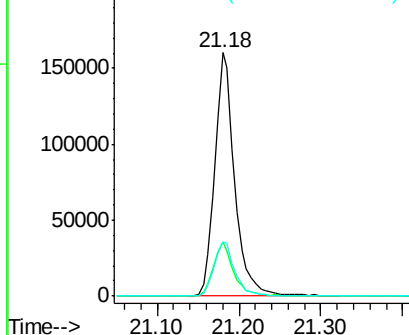
278 100

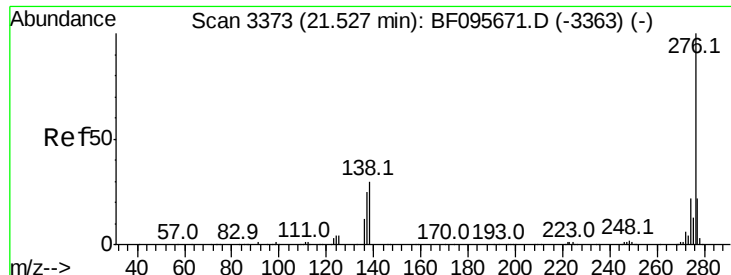
139 22.5 16.6 24.8

279 22.4 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: 33.19 ng

RT: 21.51 min Scan# 3387

Delta R.T. -0.02 min

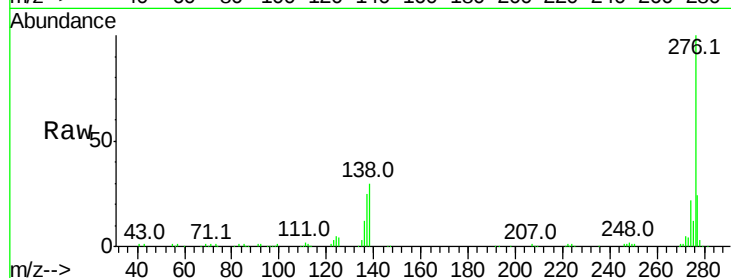
Lab File: BF095713.D

Acq: 6 Jun 2017 17:21

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 281751

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 29.8 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

