

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095954.D
 Acq On : 16 Jun 2017 14:24
 Operator : SJ/MA
 Sample : PB99843BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 23:00:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	65616	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	273432	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	121426	20.00	ng	0.00
63) Phenanthrene-d10	14.57	188	202512	20.00	ng	0.00
75) Chrysene-d12	18.29	240	141712	20.00	ng	0.00
86) Perylene-d12	19.96	264	130081	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	537027	130.41	ng	0.01
7) Phenol-d6	6.91	99	621836	126.14	ng	0.00
23) Nitrobenzene-d5	8.25	82	368753	83.75	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	127300	118.49	ng	0.00
44) 2-Fluorobiphenyl	11.14	172	722975	82.85	ng	0.00
78) Terphenyl-d14	16.94	244	503018	88.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.71	88	66021	33.70	ng	96
3) Pyridine	2.25	79	163879	35.59	ng	95
4) n-Nitrosodimethylamine	2.22	42	73928	42.24	ng	88
6) Aniline	6.82	93	148711	23.06	ng	96
8) 2-Chlorophenol	7.02	128	192339	43.93	ng	95
9) Benzaldehyde	6.63	77	71155	21.40	ng	93
10) Phenol	6.92	94	234728	45.90	ng	91
11) bis(2-Chloroethyl)ether	6.97	93	162760	40.18	ng	95
12) 1,3-Dichlorobenzene	7.22	146	197702	39.89	ng	99
13) 1,4-Dichlorobenzene	7.35	146	205952	40.98	ng	94
14) 1,2-Dichlorobenzene	7.58	146	194446	41.97	ng	96
15) Benzyl Alcohol	7.63	79	150943	44.61	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.82	45	237780	41.78	ng	97
17) 2-Methylphenol	7.87	107	158606	43.17	ng	94
18) Hexachloroethane	8.10	117	68480	41.26	ng	89
19) n-Nitroso-di-n-propylamine	8.06	70	130601	41.80	ng	93
20) 3+4-Methylphenols	8.14	107	205189	43.99	ng	# 59
22) Acetophenone	8.02	105	263728	41.21	ng	# 82
24) Nitrobenzene	8.27	77	188248	40.03	ng	92
25) Isophorone	8.67	82	328345	39.94	ng	95
26) 2-Nitrophenol	8.79	139	101604	41.26	ng	99
27) 2,4-Dimethylphenol	8.95	122	165382	43.27	ng	97
28) bis(2-Chloroethoxy)methane	9.06	93	218600	40.34	ng	98
29) 2,4-Dichlorophenol	9.22	162	158900	43.17	ng	98
30) 1,2,4-Trichlorobenzene	9.29	180	155456	40.59	ng	97
31) Naphthalene	9.39	128	548485	39.97	ng	99
32) Benzoic acid	9.31	122	78869	34.62	ng	85
33) 4-Chloroaniline	9.55	127	97681	18.21	ng	# 92
34) Hexachlorobutadiene	9.61	225	79899	40.37	ng	99
35) Caprolactam	10.17	113	28603	26.11	ng	# 79
36) 4-Chloro-3-methylphenol	10.43	107	164777	42.76	ng	89
37) 2-Methylnaphthalene	10.52	142	375751	40.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	147863	40.69	ng	98
40) Hexachlorocyclopentadiene	10.77	237	32311	35.62	ng	96

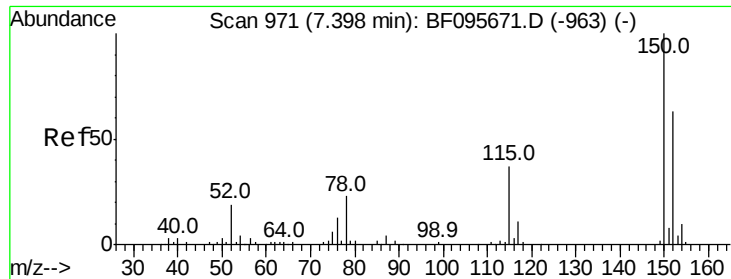
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	100720	43.11	nq	98
43) 2,4,5-Trichlorophenol	11.13	196	96120	38.68	nq	94
45) 1,1'-Biphenyl	11.29	154	416070	41.57	nq	98
46) 2-Chloronaphthalene	11.30	162	324007	41.44	nq	95
47) 2-Nitroaniline	11.52	65	94260	41.19	nq	# 85
48) Acenaphthylene	11.95	152	504627	37.74	nq	98
49) Dimethylphthalate	11.84	163	381687	41.40	nq	99
50) 2,6-Dinitrotoluene	11.94	165	82189	40.87	nq	# 78
51) Acenaphthene	12.23	154	300344	38.89	nq	99
52) 3-Nitroaniline	12.20	138	57388	24.49	nq	91
53) 2,4-Dinitrophenol	12.44	184	48439	45.57	nq	# 63
54) Dibenzofuran	12.52	168	462323	42.54	nq	99
55) 4-Nitrophenol	12.63	139	94850	69.95	nq	# 74
56) 2,4-Dinitrotoluene	12.61	165	116100	42.74	nq	94
57) Fluorene	13.07	166	363966	38.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.77	232	72492	42.63	nq	# 92
59) Diethylphthalate	12.99	149	366533	41.31	nq	99
60) 4-Chlorophenyl-phenylether	13.10	204	165222	40.17	nq	89
61) 4-Nitroaniline	13.21	138	78523	35.90	nq	95
62) Azobenzene	13.36	77	337168	41.93	nq	94
64) 4,6-Dinitro-2-methylphenol	13.29	198	39094	29.37	nq	# 70
65) n-Nitrosodiphenylamine	13.31	169	315188	43.31	nq	98
66) 4-Bromophenyl-phenylether	13.88	248	91443	43.45	nq	96
67) Hexachlorobenzene	13.96	284	86222	41.57	nq	# 89
68) Atrazine	14.24	200	94106	46.47	nq	96
69) Pentachlorophenol	14.33	266	44979	59.08	nq	96
70) Phenanthrene	14.61	178	475913	40.73	nq	99
71) Anthracene	14.69	178	491226	40.27	nq	98
72) Carbazole	14.99	167	435128	36.60	nq	97
73) Di-n-butylphthalate	15.59	149	571919	45.22	nq	98
74) Fluoranthene	16.39	202	425406	36.78	nq	99
76) Benzidine	16.62	184	156970	28.84	nq	# 94
77) Pyrene	16.69	202	429673	40.64	nq	99
79) Butylbenzylphthalate	17.62	149	197946	42.86	nq	90
80) Benzo(a)anthracene	18.28	228	338102	41.04	nq	98
81) 3,3'-Dichlorobenzidine	18.27	252	100558	34.33	nq	# 96
82) Chrysene	18.33	228	326054	39.60	nq	99
83) Bis(2-ethylhexyl)phthalate	18.37	149	263857	40.51	nq	# 98
84) Di-n-octyl phthalate	19.13	149	444518	41.41	nq	97
85) Indeno(1,2,3-cd)pyrene	21.12	276	306088	43.45	nq	99
87) Benzo(b)fluoranthene	19.56	252	325299	39.94	nq	98
88) Benzo(k)fluoranthene	19.59	252	326967	42.00	nq	# 96
89) Benzo(a)pyrene	19.90	252	321281	42.91	nq	98
90) Dibenzo(a,h)anthracene	21.12	278	262203	41.29	nq	97
91) Benzo(g,h,i)perylene	21.44	276	251795	38.89	nq	97

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

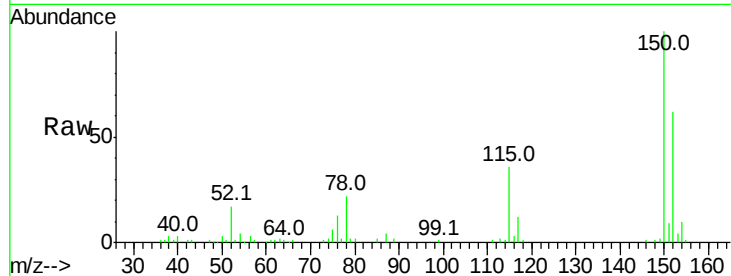


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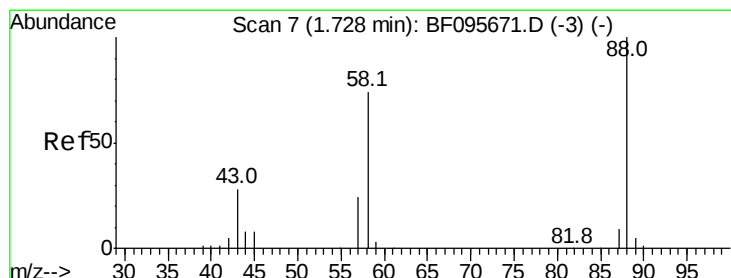
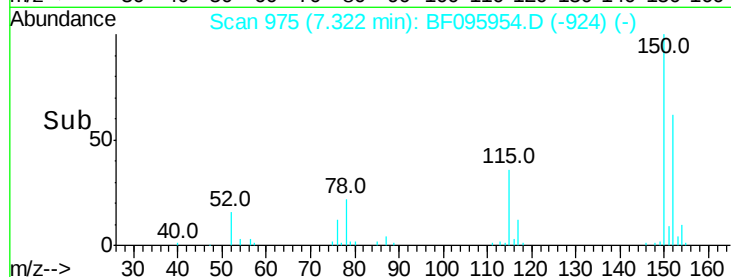
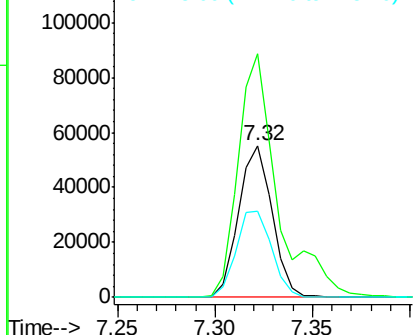
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 65616
Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.2
115 57.3 52.2 78.2



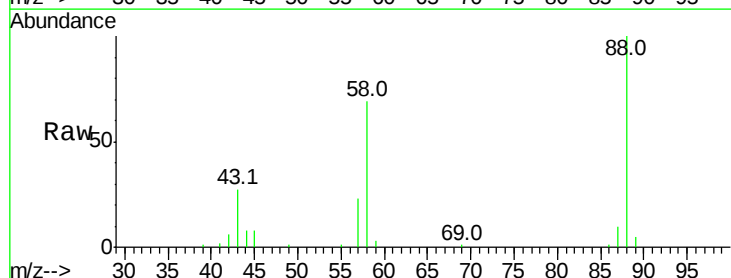
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



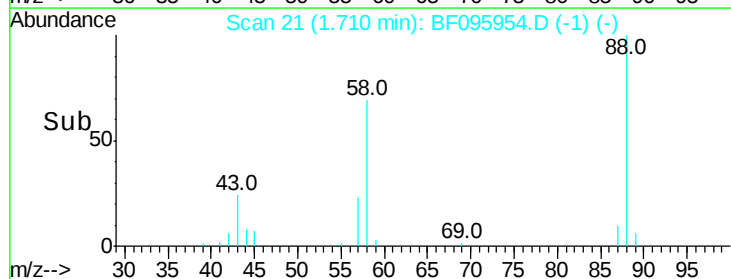
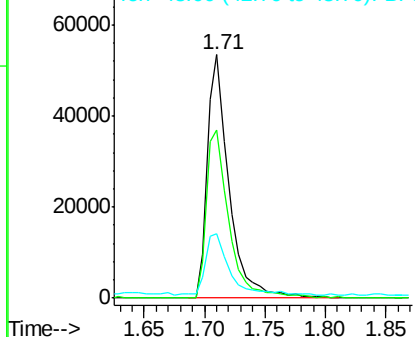
#2

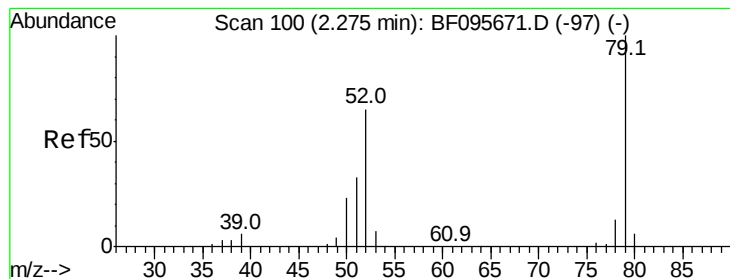
1,4-Dioxane
Concen: 33.70 ng
RT: 1.71 min Scan# 21
Delta R.T. 0.08 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion: 88 Resp: 66021
Ion Ratio Lower Upper
88 100
58 71.9 61.4 92.0
43 28.6 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: 35.59 ng

RT: 2.25 min Scan# 113

Delta R.T. 0.08 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampled :

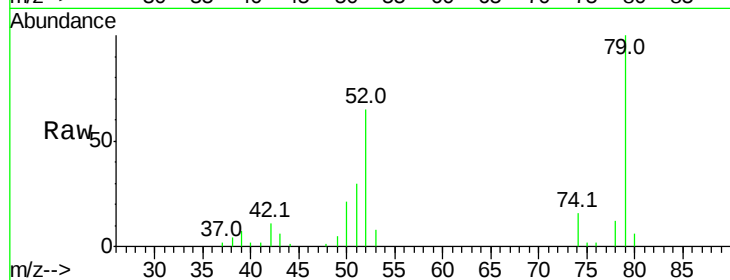
Tot Ion: 79 Resp: 163879

Ion Ratio Lower Upper

79 100

52 65.5 54.8 82.2

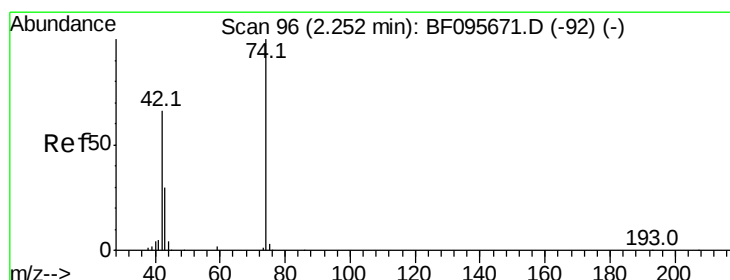
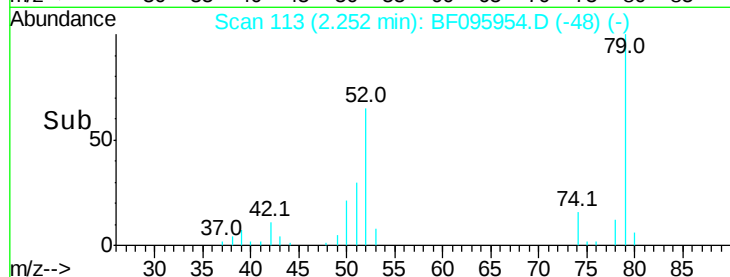
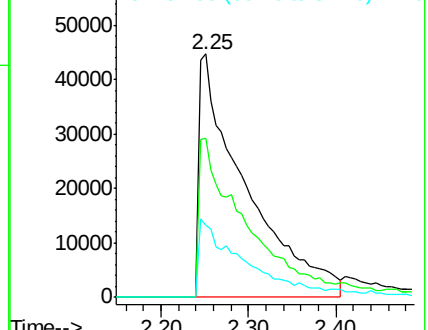
51 29.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.24 ng

RT: 2.22 min Scan# 107

Delta R.T. 0.06 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

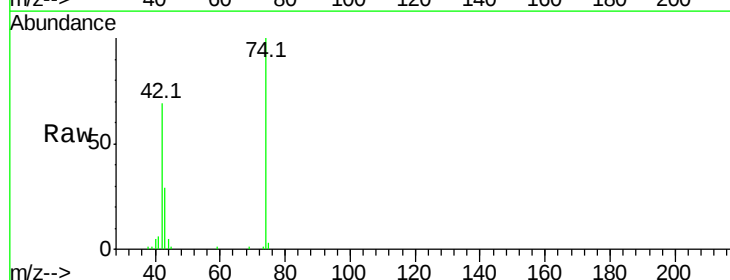
Tgt Ion: 42 Resp: 73928

Ion Ratio Lower Upper

42 100

74 144.5 103.9 155.9

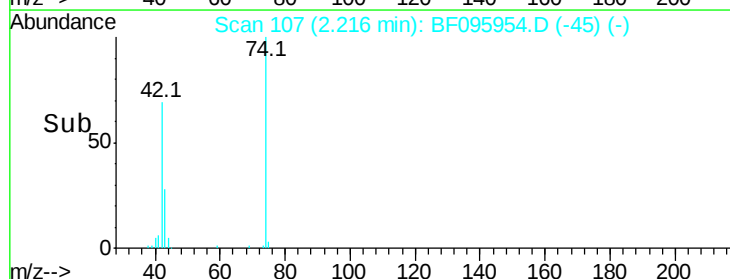
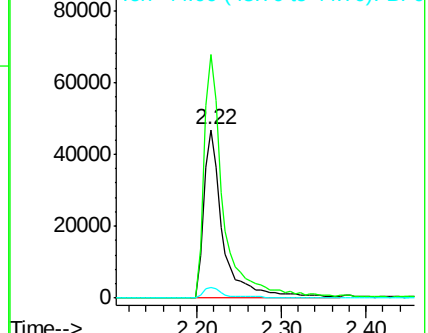
44 6.5 5.7 8.5

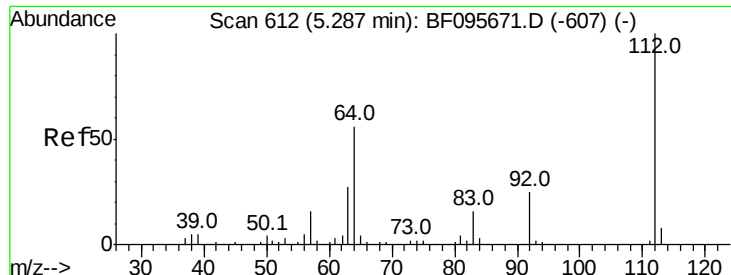


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.41 ng

RT: 5.23 min Scan# 619

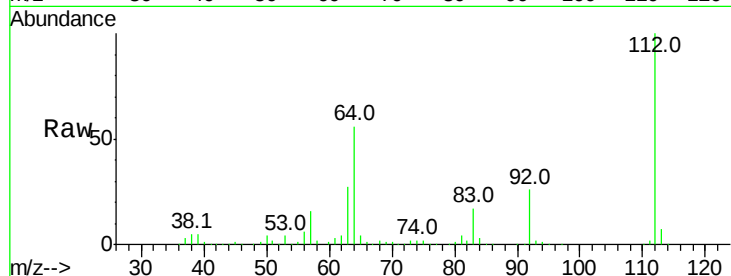
Delta R.T. 0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :

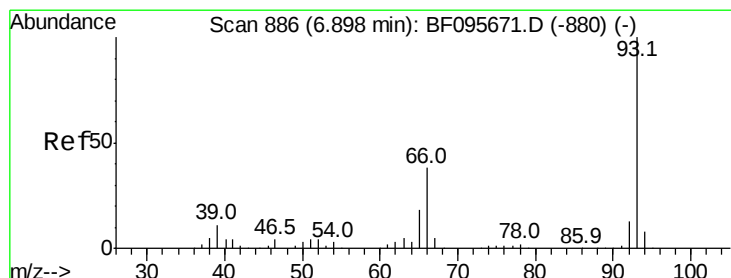
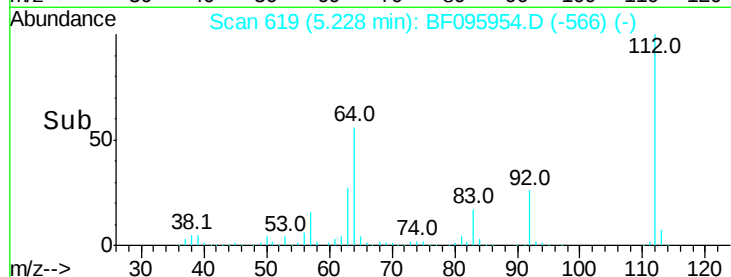
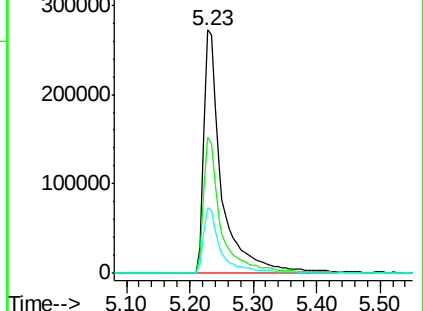
Tot Ion:	112	Resp:	537027
Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.0	69.0
63	27.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.06 ng

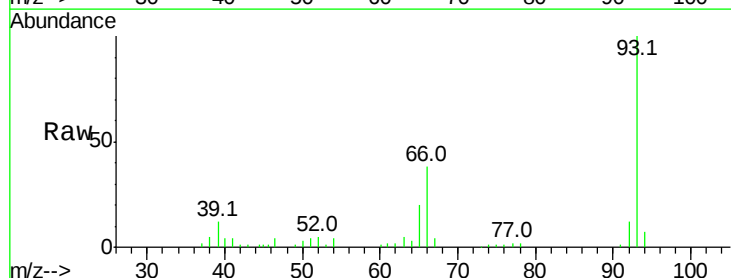
RT: 6.82 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

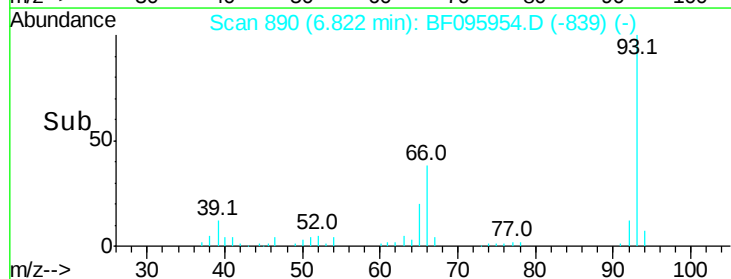
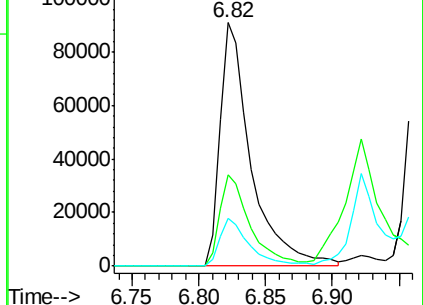
Tgt Ion:	93	Resp:	148711
Ion	Ratio	Lower	Upper
93	100		
66	37.6	32.9	49.3
65	19.7	16.0	24.0

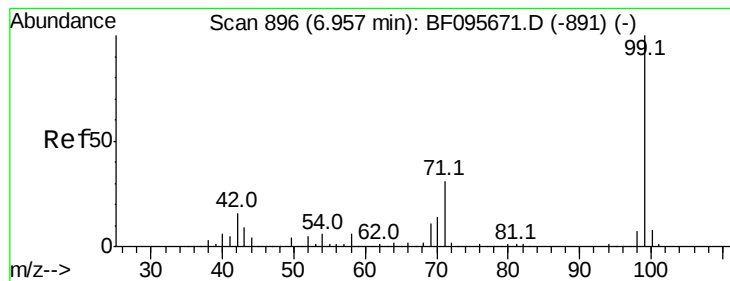


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.14 ng

RT: 6.91 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampled :

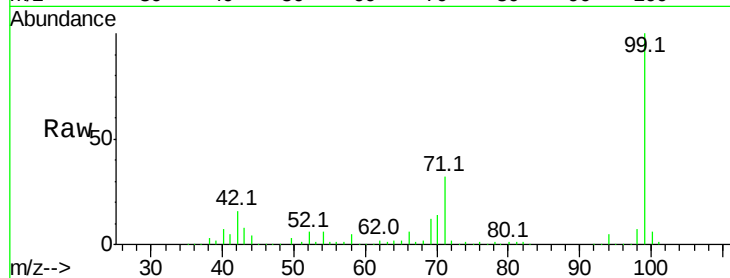
Tot Ion: 99 Resp: 621836

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

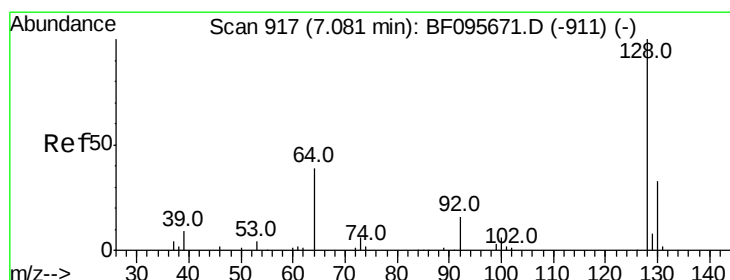
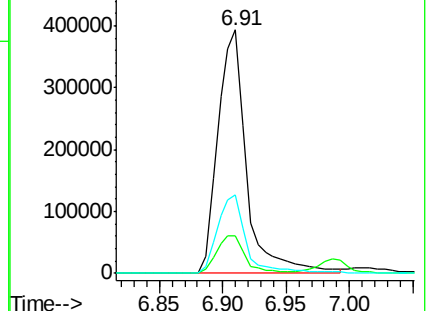
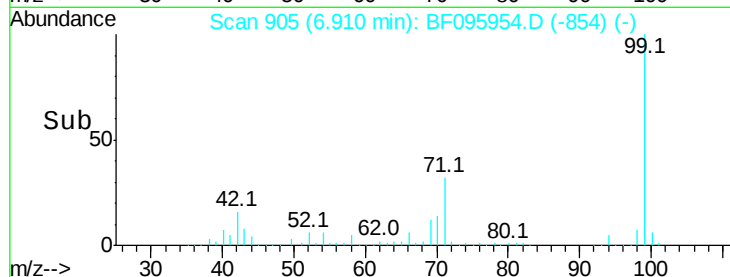
71 32.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.93 ng

RT: 7.02 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

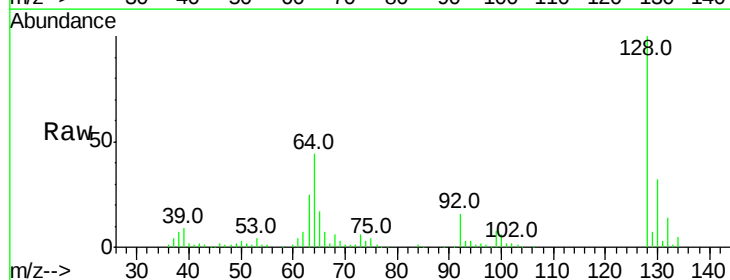
Tgt Ion:128 Resp: 192339

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

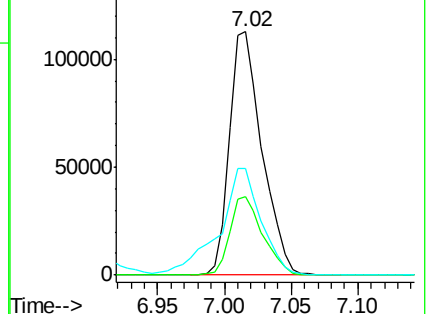
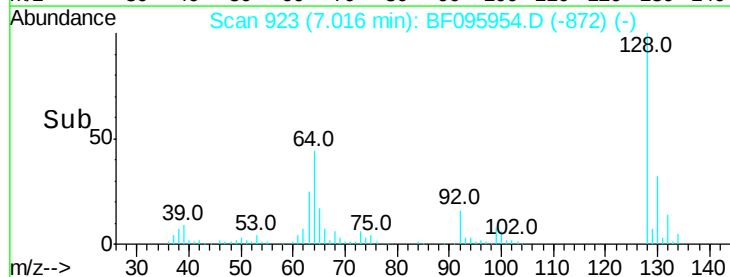
64 43.6 28.4 68.4

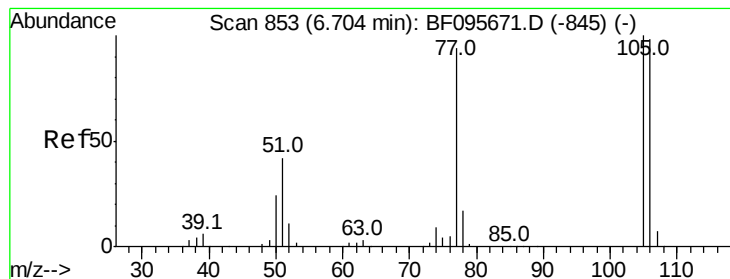


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.40 ng

RT: 6.63 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampled :

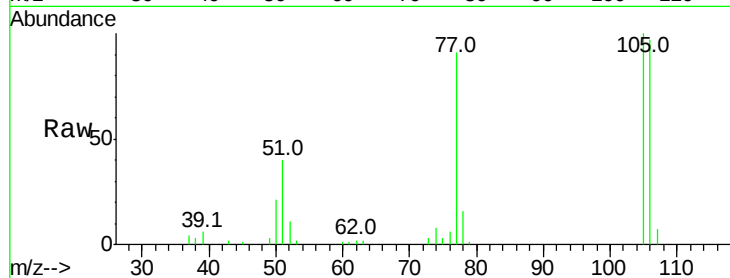
Tot Ion: 77 Resp: 71155

Ion Ratio Lower Upper

77 100

105 109.9 83.8 123.8

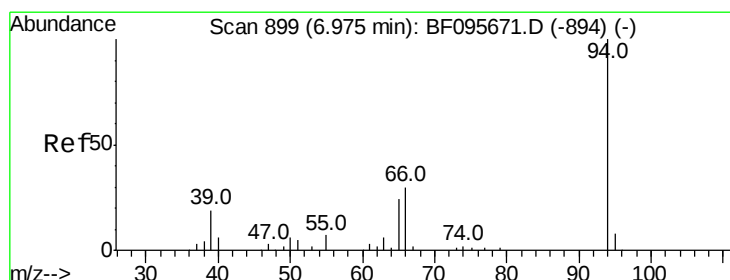
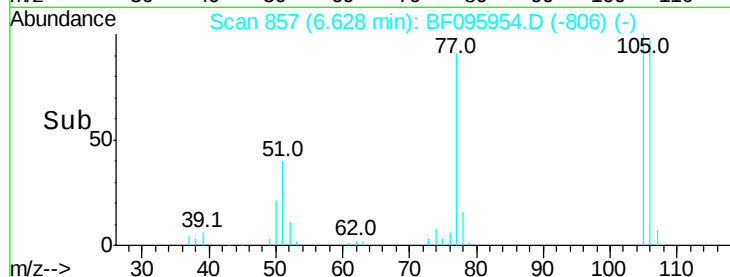
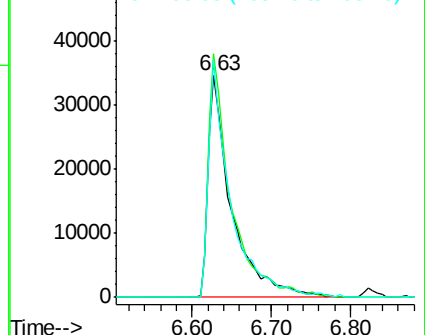
106 107.2 79.1 119.1



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: 45.90 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

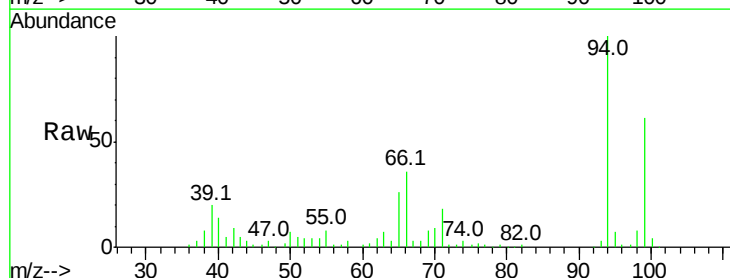
Tgt Ion: 94 Resp: 234728

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

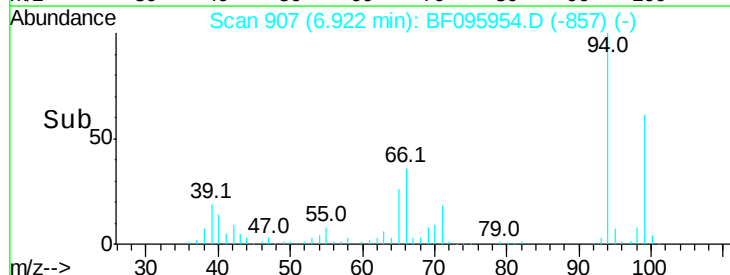
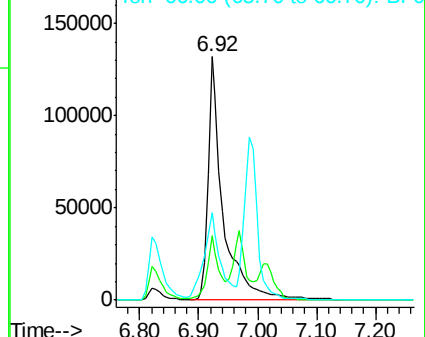
66 35.9 23.1 63.1

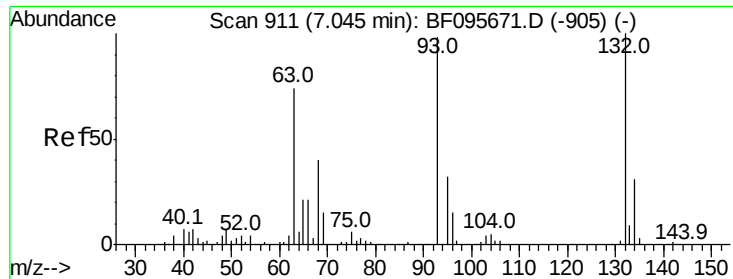


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

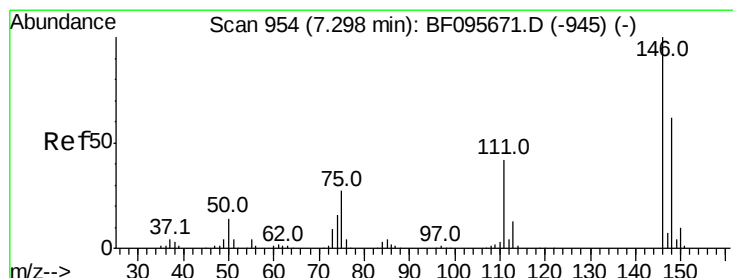
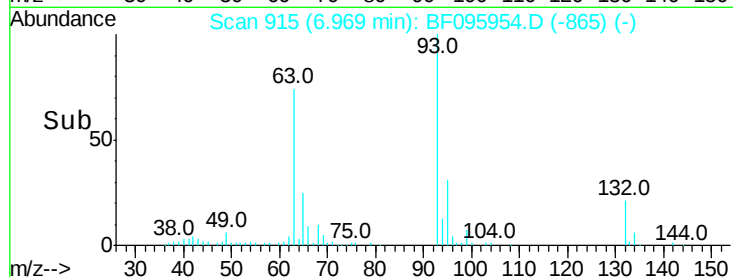
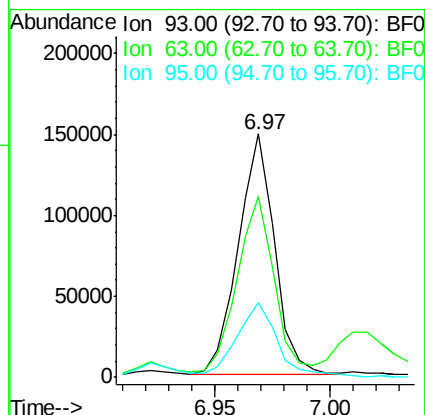
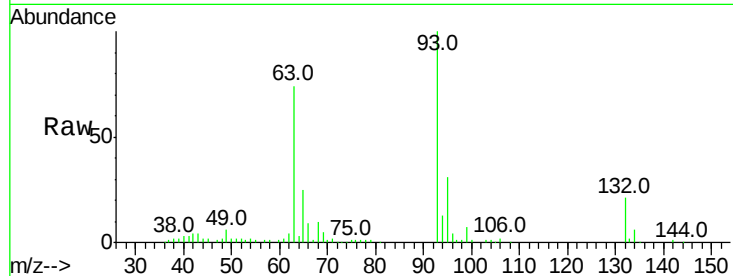




#11
bis(2-Chloroethyl)ether
Concen: 40.18 ng
RT: 6.97 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

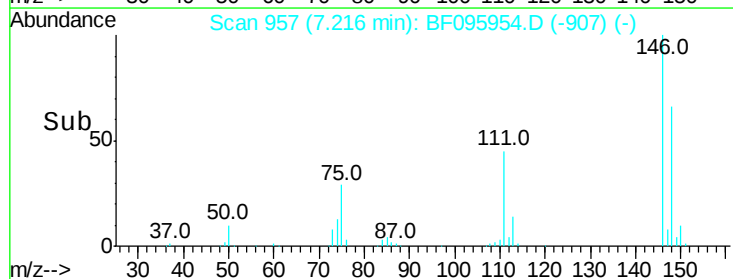
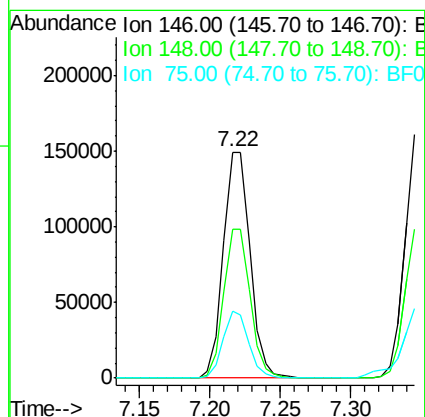
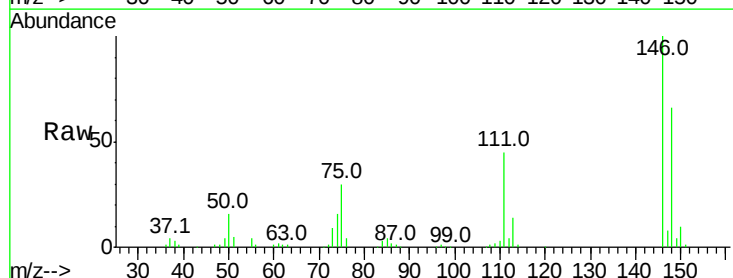
Instrument :
BNA_F
ClientSampleId :

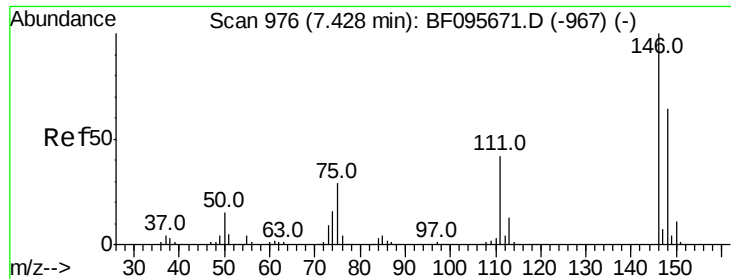
Tot Ion: 93 Resp: 162760
Ion Ratio Lower Upper
93 100
63 74.4 59.2 99.2
95 30.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.89 ng
RT: 7.22 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion: 146 Resp: 197702
Ion Ratio Lower Upper
146 100
148 65.8 51.8 77.6
75 29.8 23.1 34.7

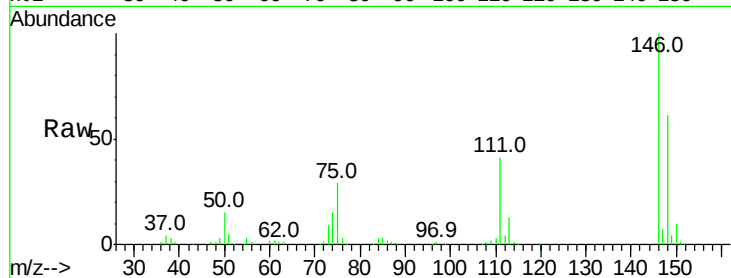




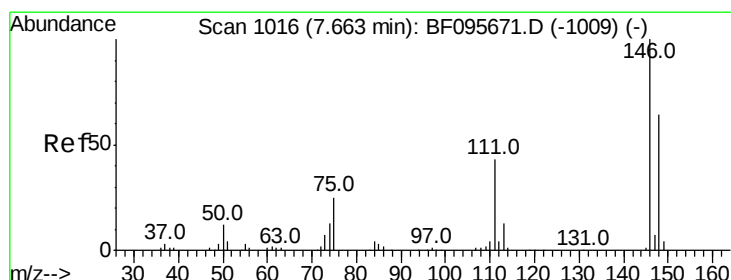
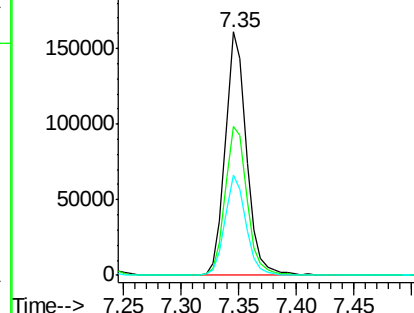
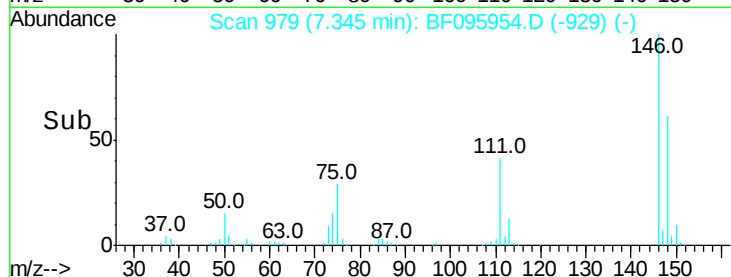
#13
 1,4-Dichlorobenzene
 Concen: 40.98 ng
 RT: 7.35 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.9	52.2	78.2
111	41.3	30.3	45.5

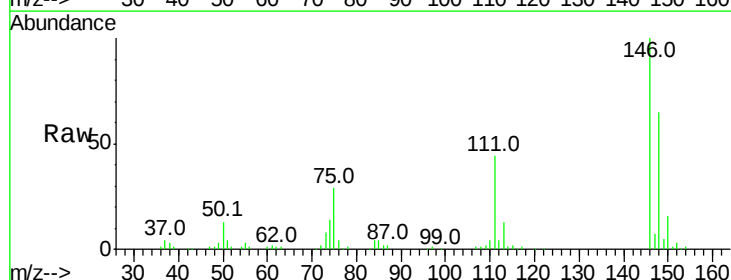


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

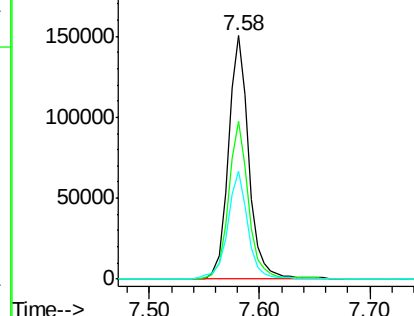
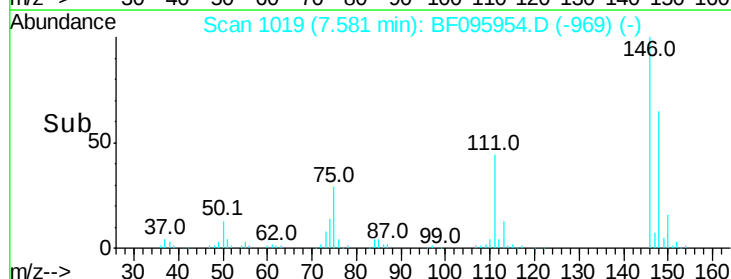


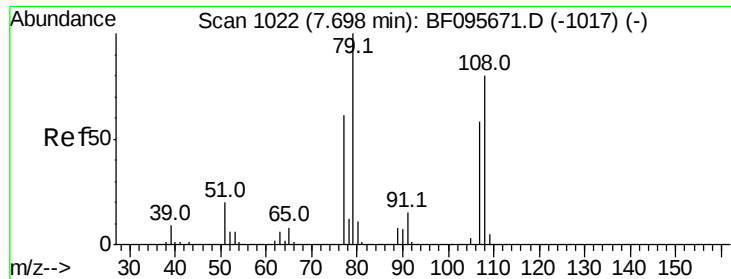
#14
 1,2-Dichlorobenzene
 Concen: 41.97 ng
 RT: 7.58 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
111	44.3	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: 44.61 ng

RT: 7.63 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

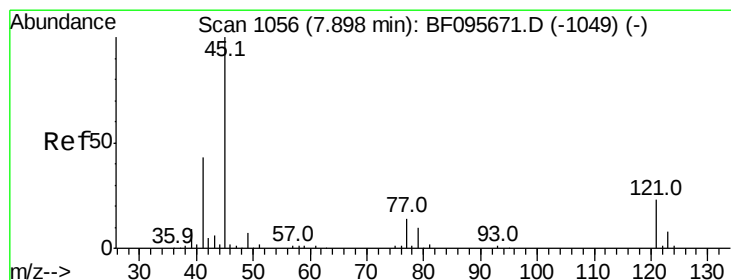
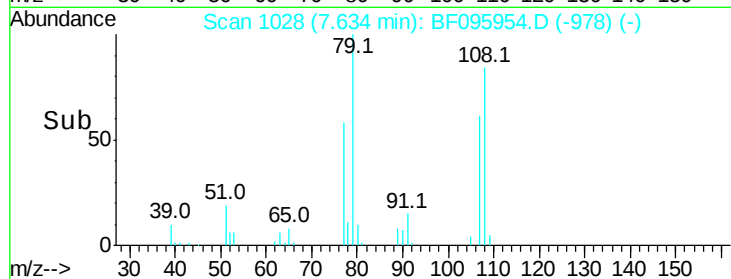
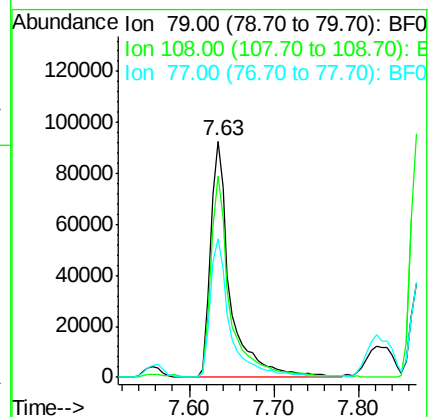
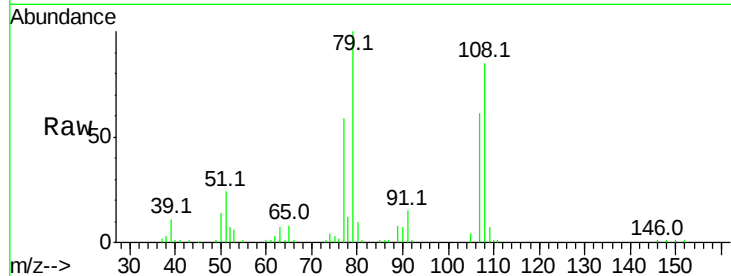
Tot Ion: 79 Resp: 150943

Ion Ratio Lower Upper

79 100

108 85.1 63.4 95.0

77 58.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.78 ng

RT: 7.82 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

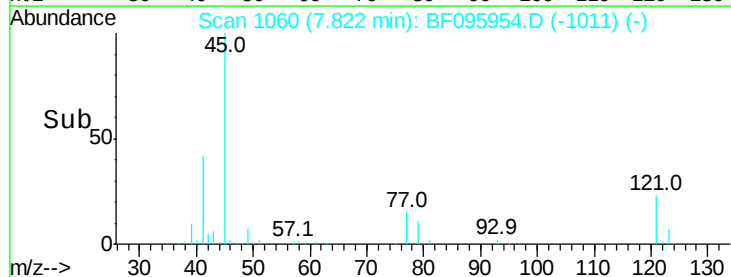
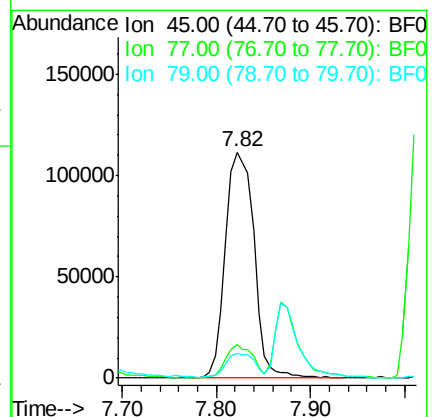
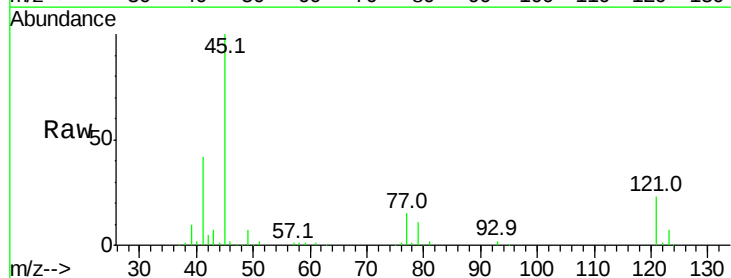
Tgt Ion: 45 Resp: 237780

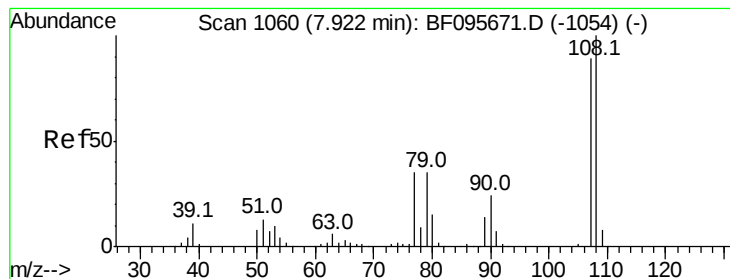
Ion Ratio Lower Upper

45 100

77 14.8 0.0 33.2

79 11.0 0.0 30.0

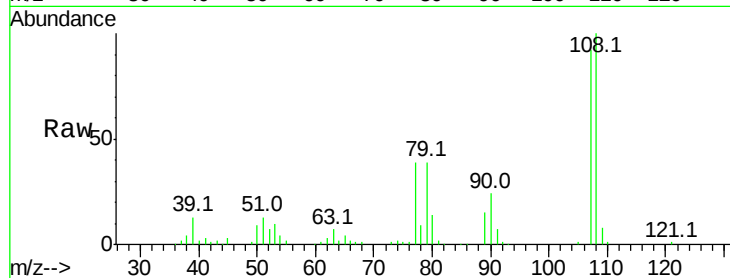




#17
 2-Methylphenol
 Concen: 43.17 ng
 RT: 7.87 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.1	93.4	140.0
77	42.3	35.8	53.6
79	41.7	34.8	52.2



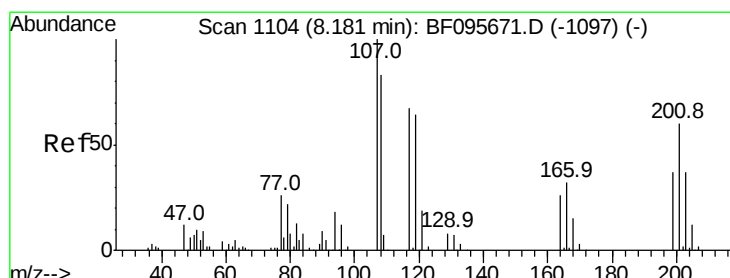
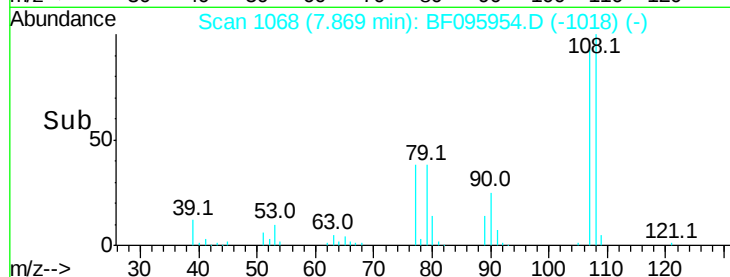
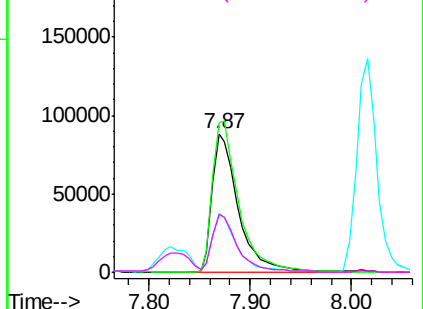
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

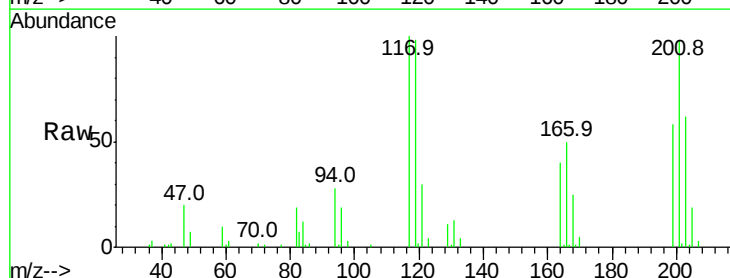
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
 Hexachloroethane
 Concen: 41.26 ng
 RT: 8.10 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.4	116.0
201	98.2	94.6	141.8

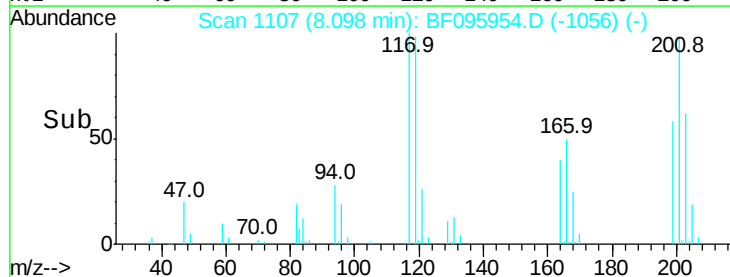
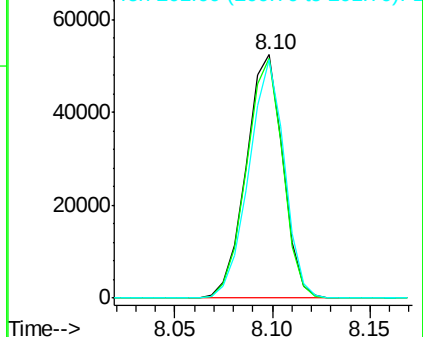


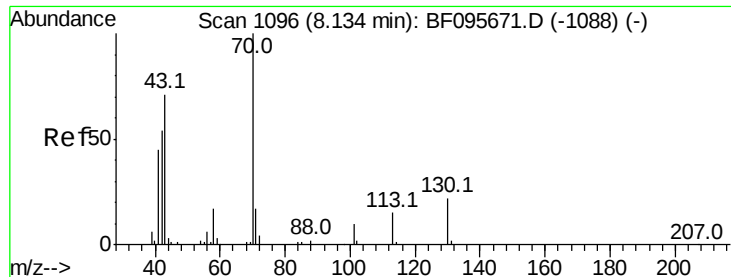
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

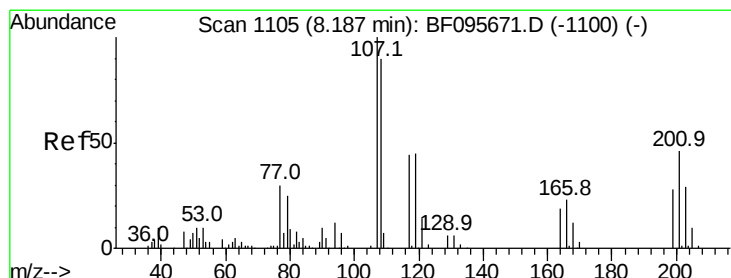
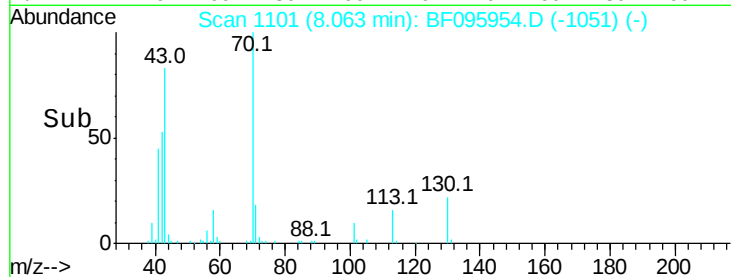
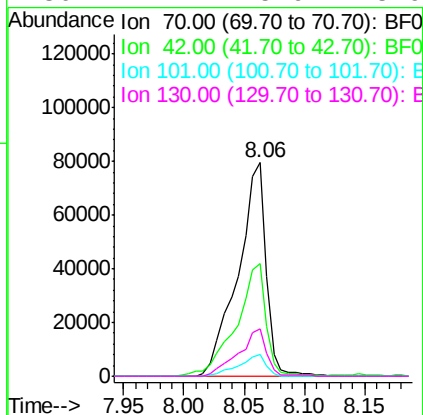
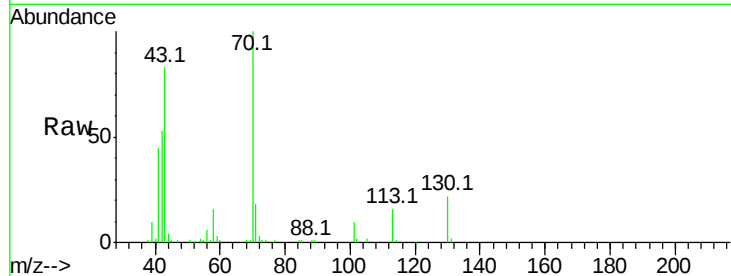




#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 8.06 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

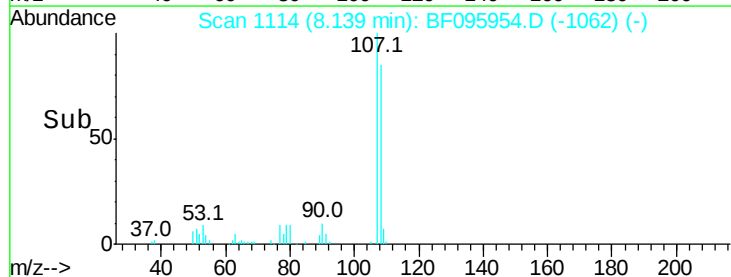
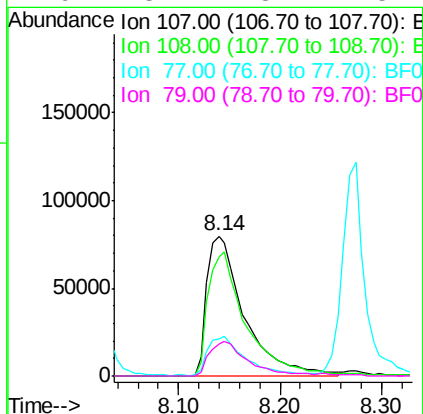
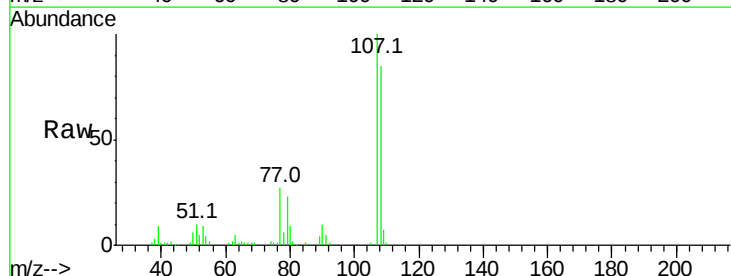
Instrument :
BNA_F
ClientSampleId :

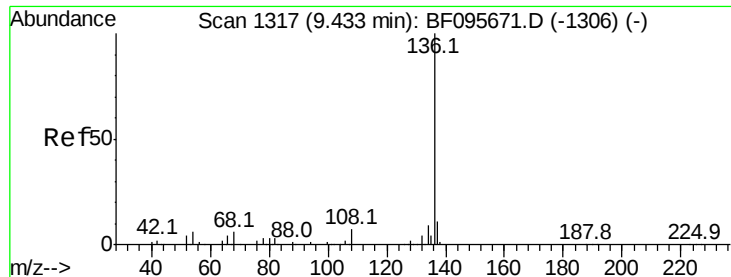
Tot Ion:	70	Resp:	130601
Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.2	70.8
101	10.0	7.2	10.8
130	22.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.99 ng
RT: 8.14 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion:	107	Resp:	205189
Ion	Ratio	Lower	Upper
107	100		
108	85.2	71.0	111.0
77	27.0	90.5	130.5#
79	23.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 273432

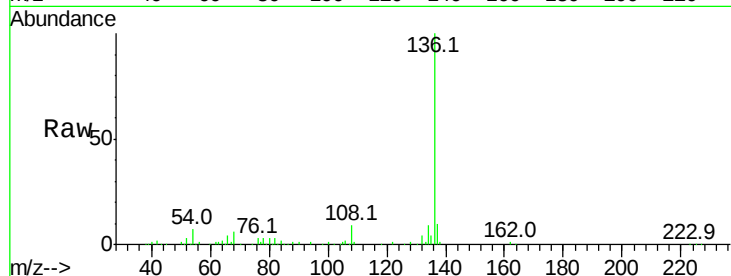
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1

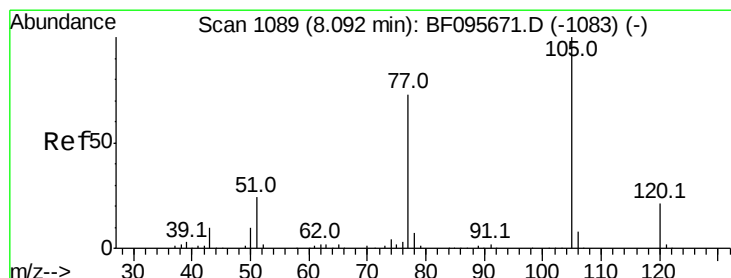
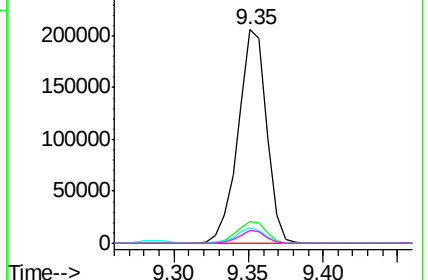
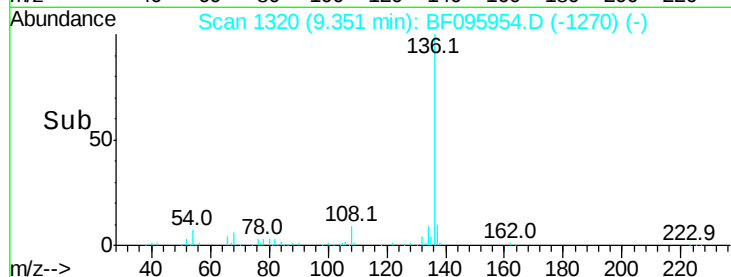


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.21 ng

RT: 8.02 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Tgt Ion:105 Resp: 263728

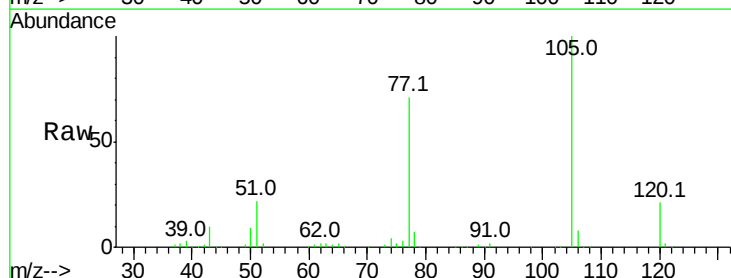
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 21.8 30.7 46.1#

120 20.6 17.4 26.0

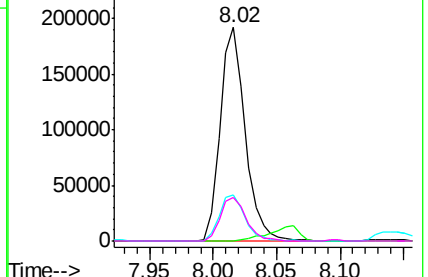
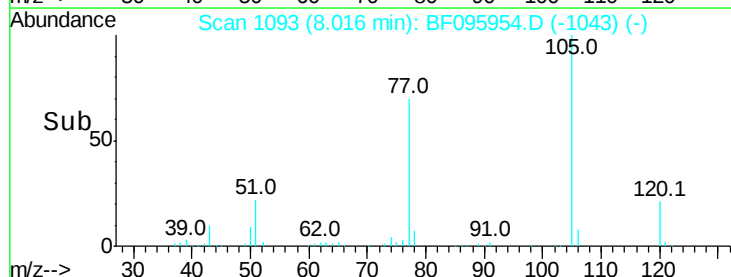


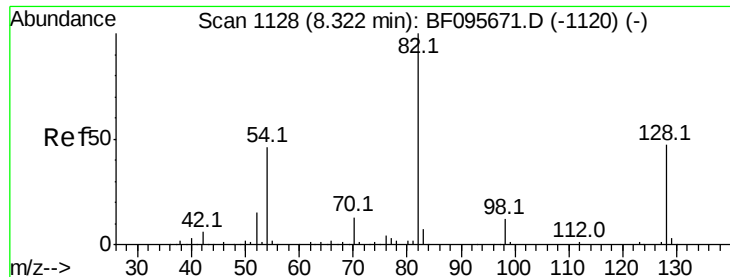
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

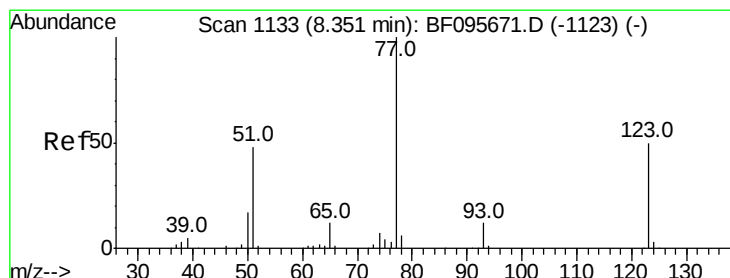
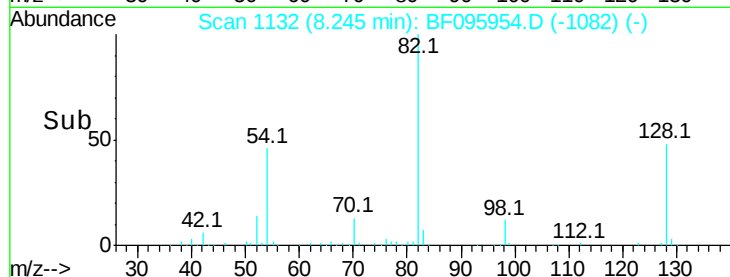
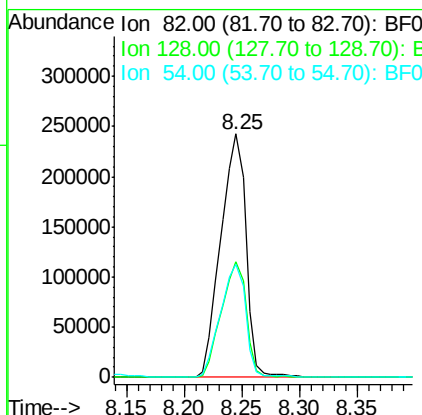
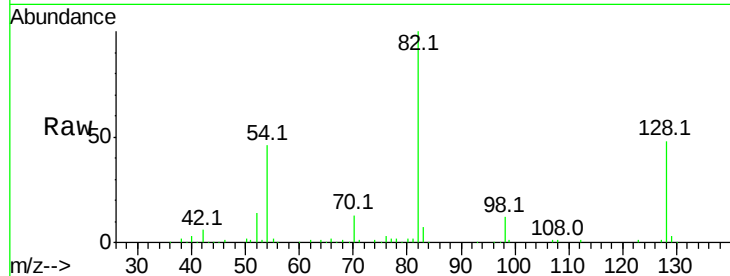




#23
 Nitrobenzene-d5
 Concen: 83.75 ng
 RT: 8.25 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

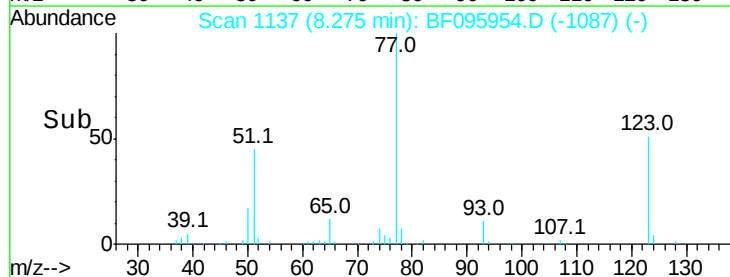
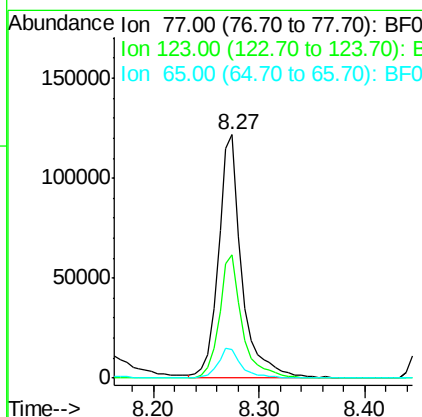
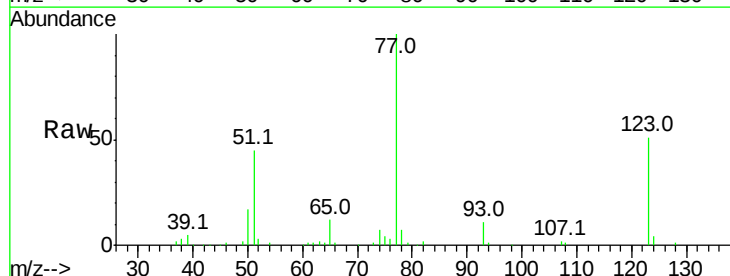
Instrument :
 BNA_F
 ClientSampleId :

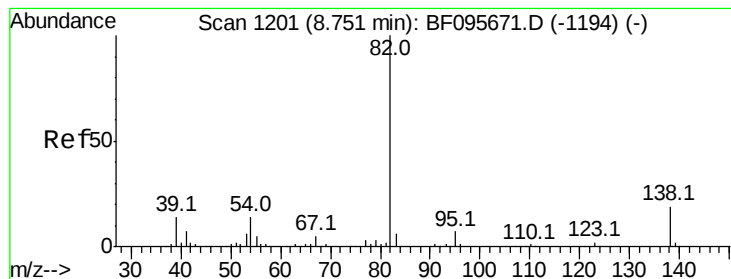
Tot Ion: 82 Resp: 368753
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 46.4 42.2 63.2



#24
 Nitrobenzene
 Concen: 40.03 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion: 77 Resp: 188248
 Ion Ratio Lower Upper
 77 100
 123 50.7 35.8 53.8
 65 12.0 10.6 15.8





#25

Isophorone

Concen: 39.94 ng

RT: 8.67 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

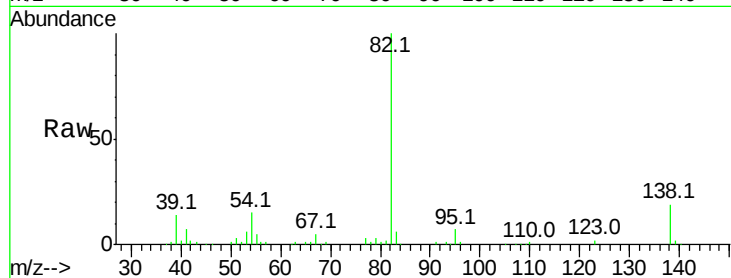
Tot Ion: 82 Resp: 328345

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

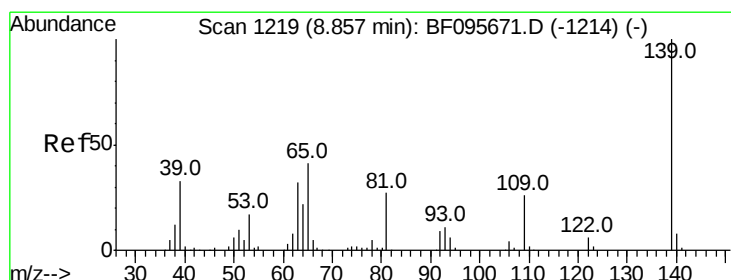
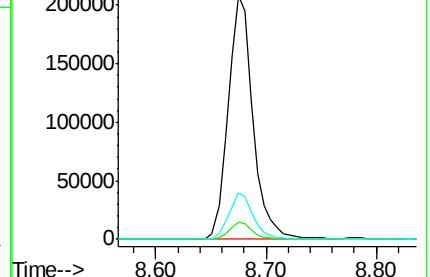
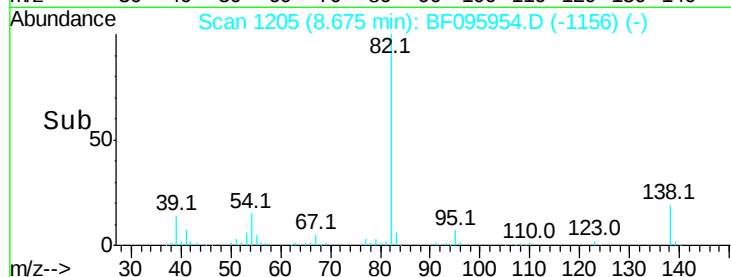
138 19.3 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.26 ng

RT: 8.79 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

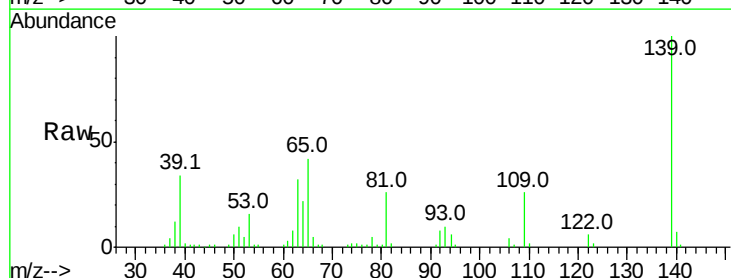
Tgt Ion:139 Resp: 101604

Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.6

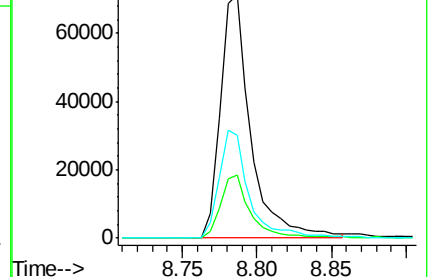
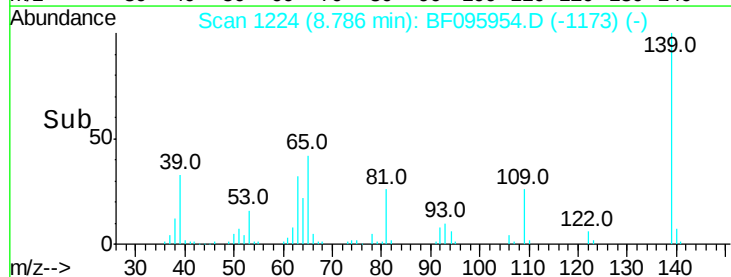
65 42.4 33.0 49.6

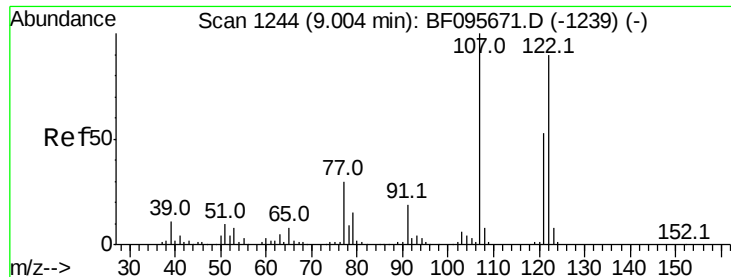


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

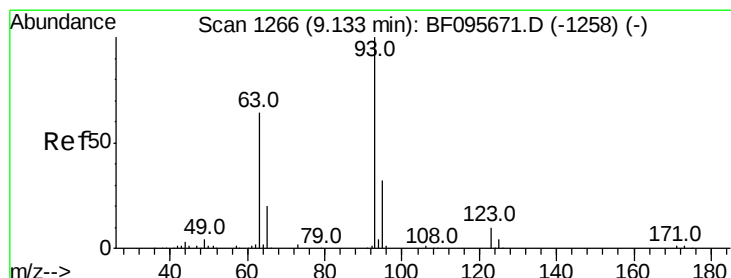
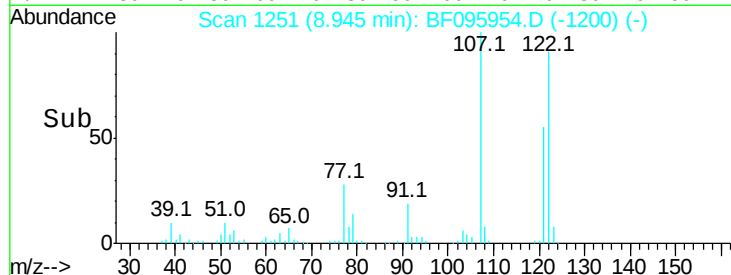
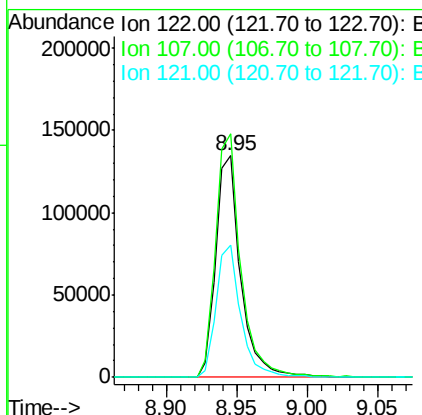
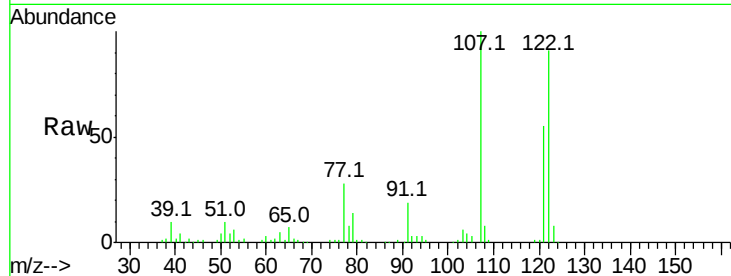




#27
 2,4-Dimethylphenol
 Concen: 43.27 ng
 RT: 8.95 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

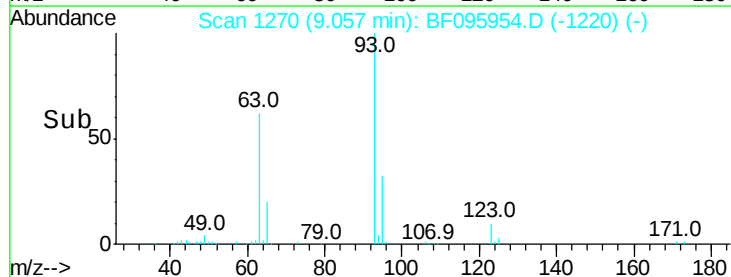
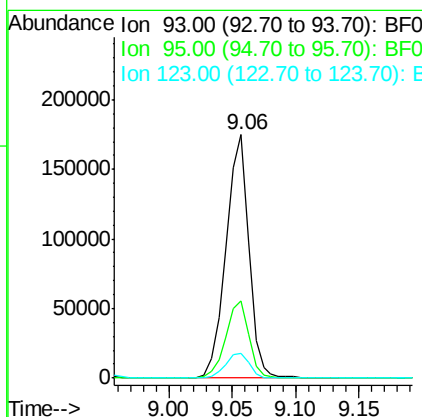
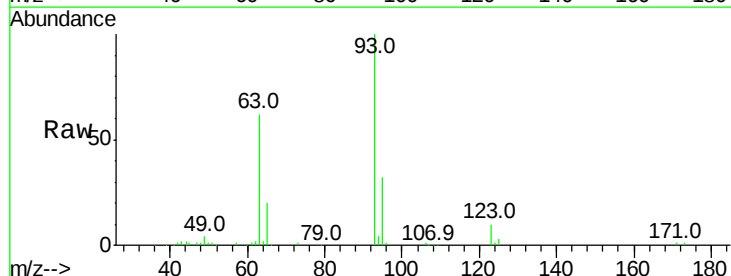
Instrument :
 BNA_F
 ClientSampleId :

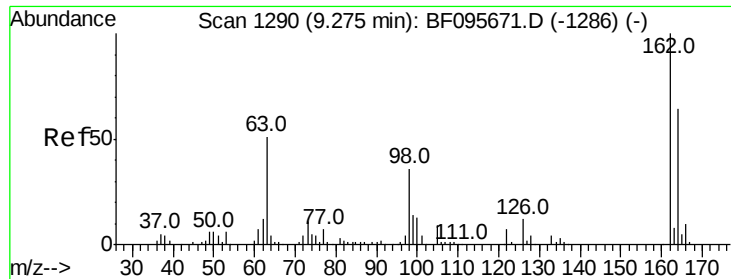
Tot Ion:122 Resp: 165382
 Ion Ratio Lower Upper
 122 100
 107 110.0 89.2 133.8
 121 60.0 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.34 ng
 RT: 9.06 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion: 93 Resp: 218600
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.4 9.0 13.4

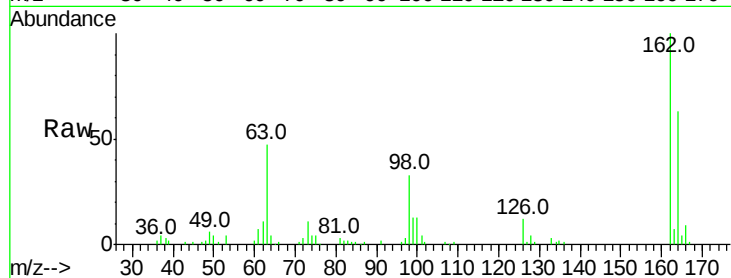




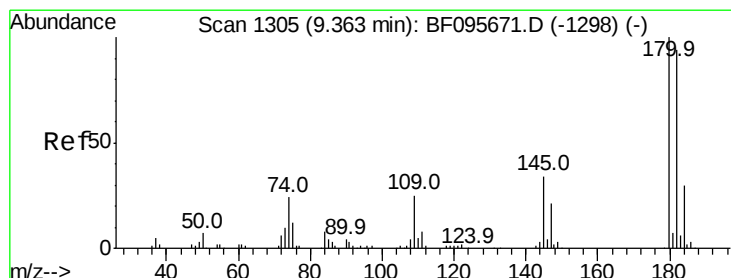
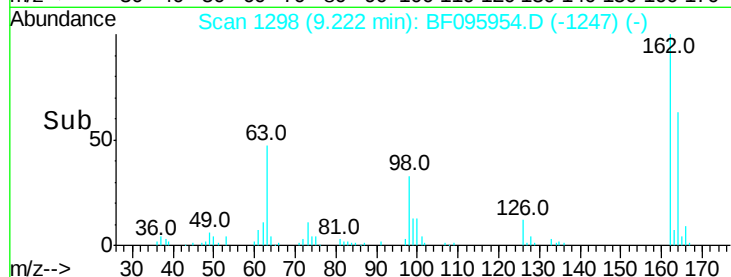
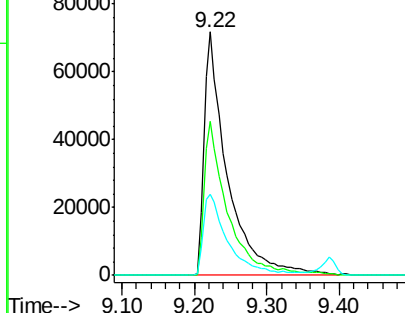
#29
 2,4-Dichlorophenol
 Concen: 43.17 ng
 RT: 9.22 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	33.3	14.8	54.8

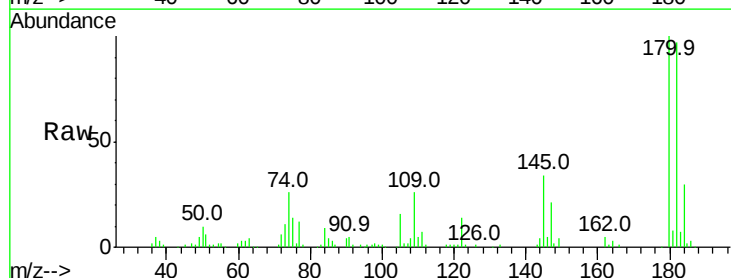


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

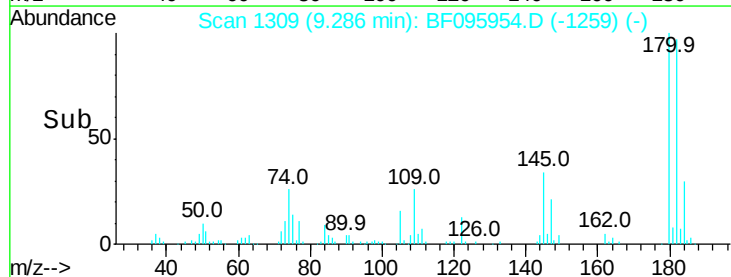
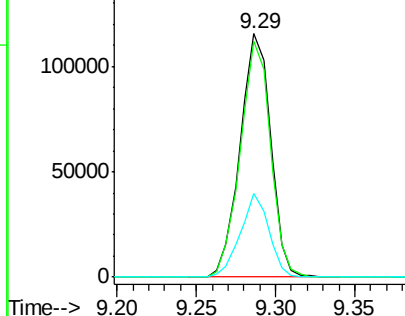


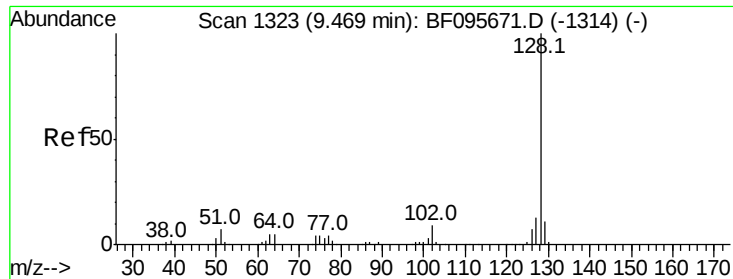
#30
 1,2,4-Trichlorobenzene
 Concen: 40.59 ng
 RT: 9.29 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.8	113.6
145	34.3	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

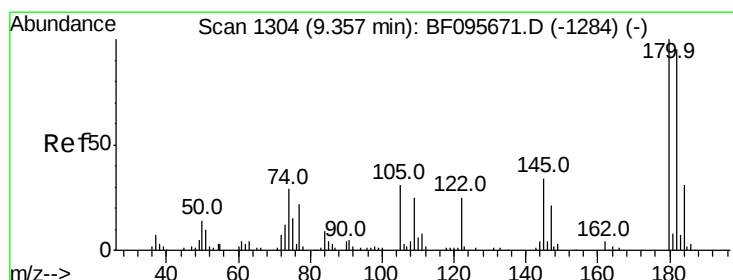
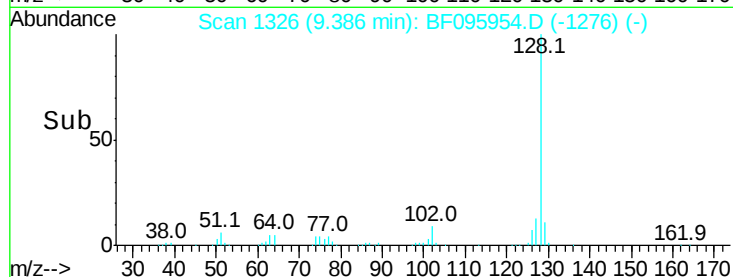
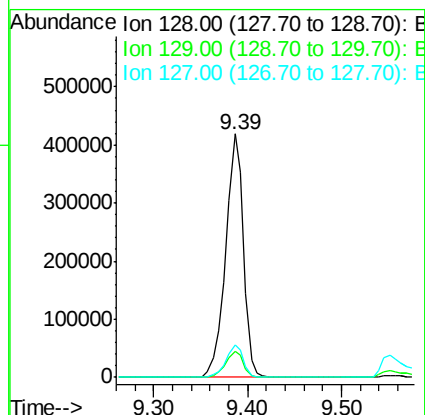
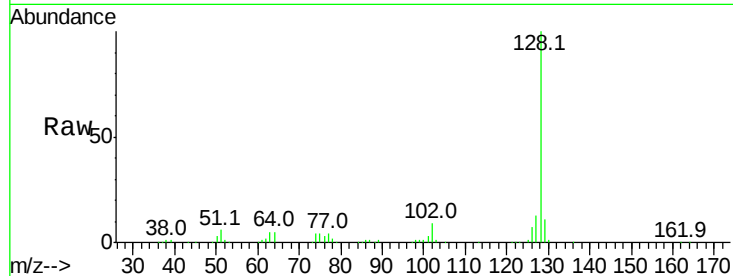




#31
Naphthalene
Concen: 39.97 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

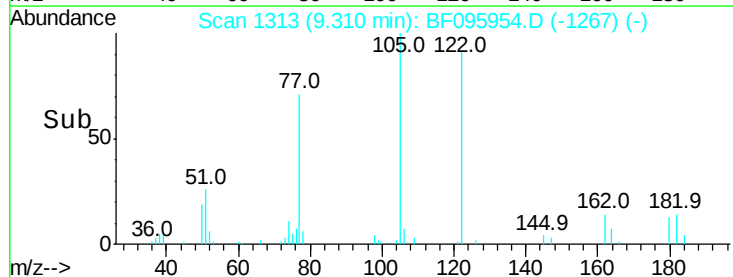
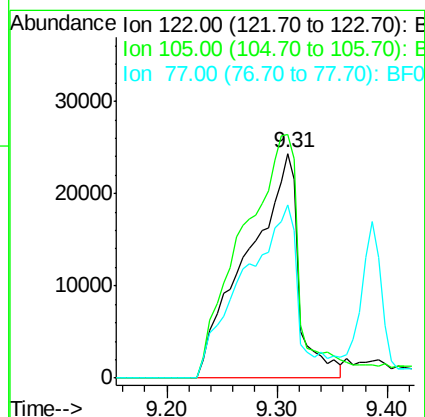
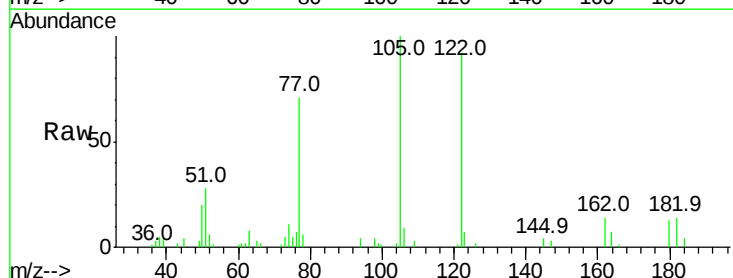
Instrument :
BNA_F
ClientSampled :

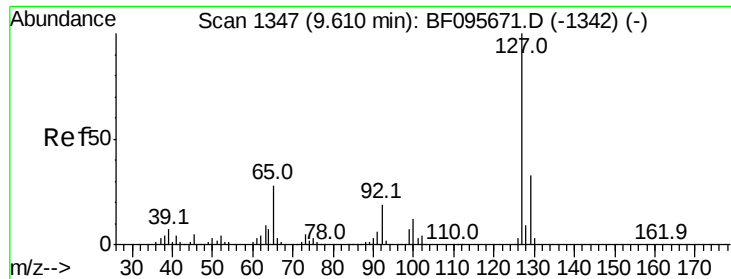
Tot Ion:128 Resp: 548485
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 34.62 ng
RT: 9.31 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion:122 Resp: 78869
Ion Ratio Lower Upper
122 100
105 108.3 103.3 143.3
77 77.1 73.7 113.7

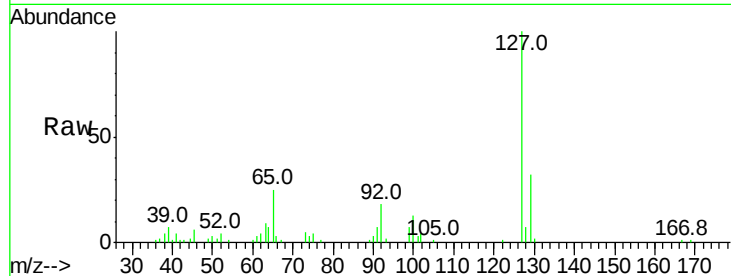




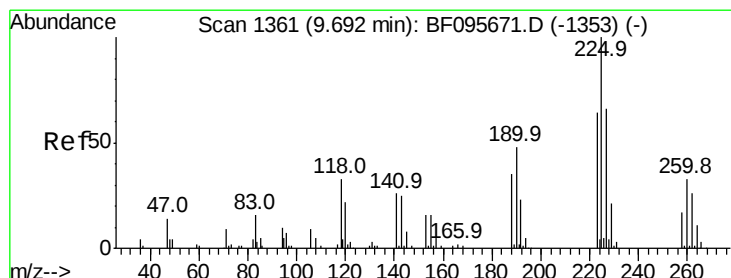
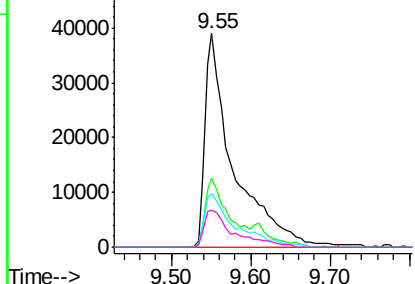
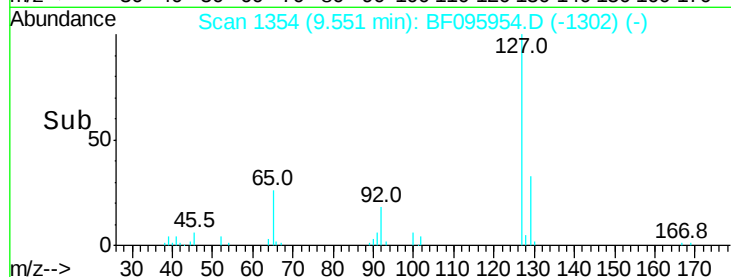
#33
4-Chloroaniline
Concen: 18.21 ng
RT: 9.55 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	97681
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	25.3	27.8	41.8#
92	17.7	16.8	25.2

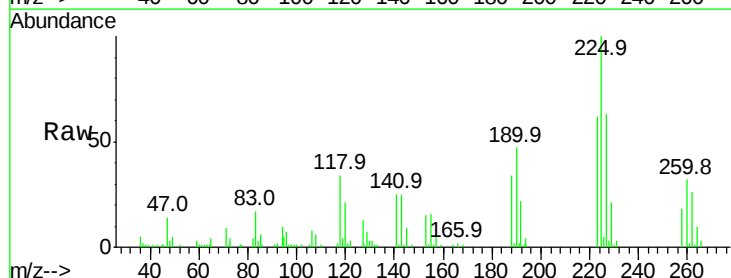


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

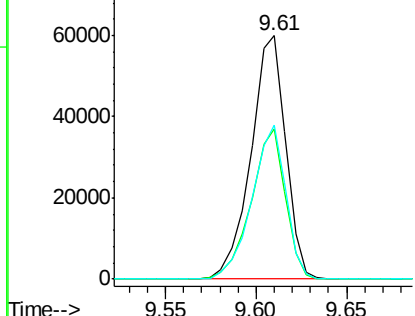
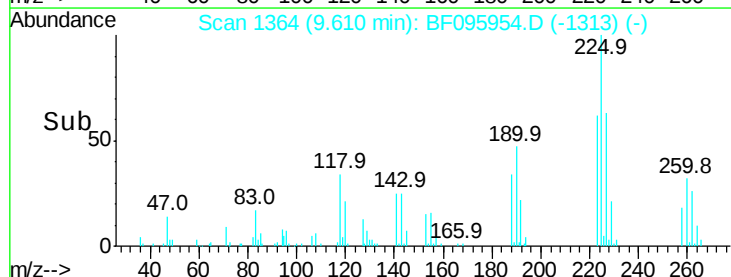


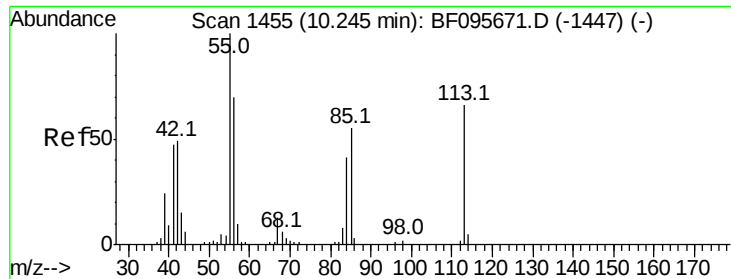
#34
Hexachlorobutadiene
Concen: 40.37 ng
RT: 9.61 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion:	225	Resp:	79899
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	63.3	51.1	76.7



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

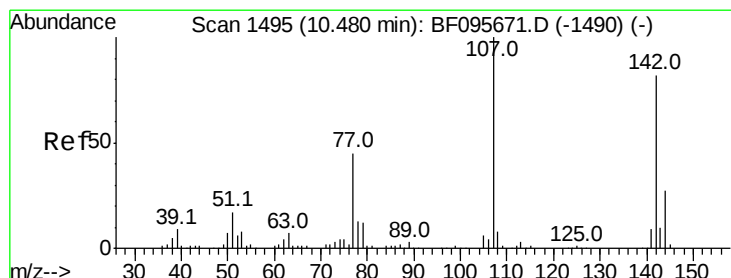
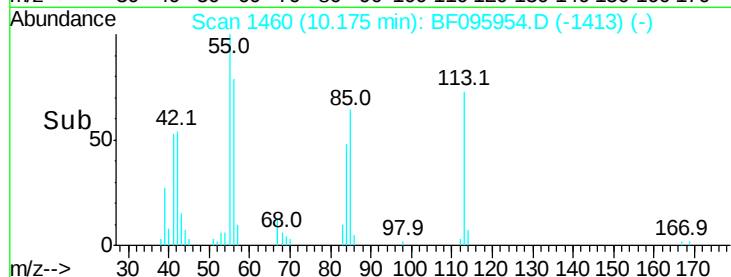
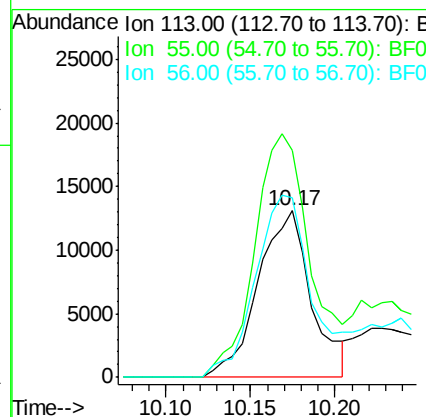
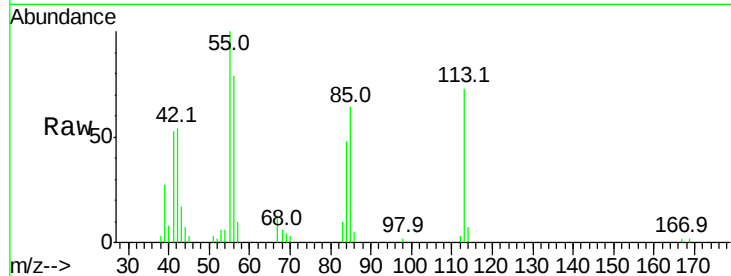




#35
 Caprolactam
 Concen: 26.11 ng
 RT: 10.17 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

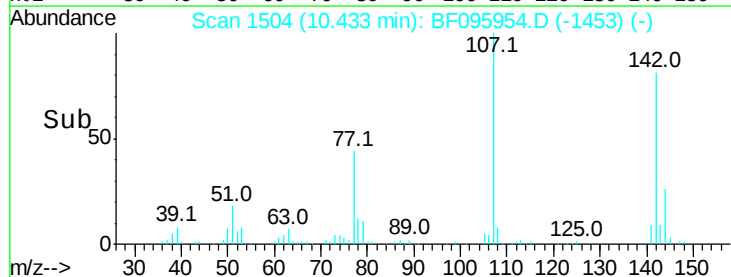
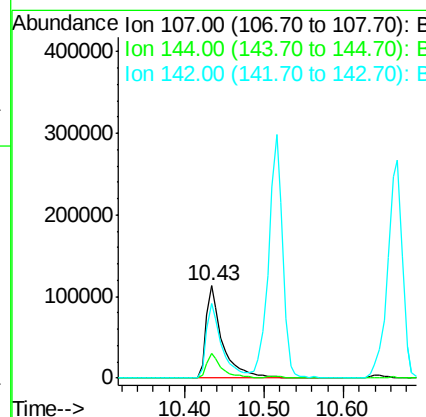
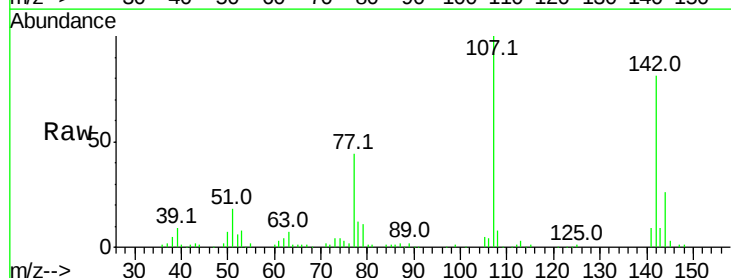
Instrument :
 BNA_F
 ClientSampled :

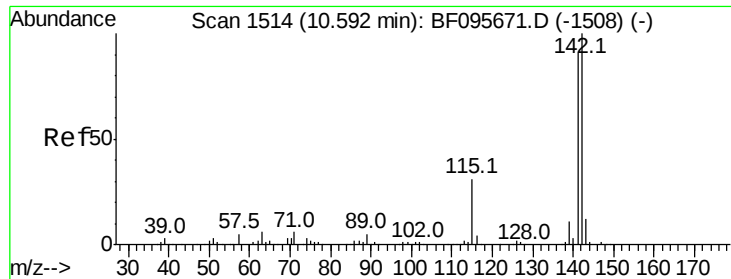
Tot Ion:113 Resp: 28603
 Ion Ratio Lower Upper
 113 100
 55 136.5 150.2 190.2#
 56 108.1 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.76 ng
 RT: 10.43 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion:107 Resp: 164777
 Ion Ratio Lower Upper
 107 100
 144 26.3 24.2 36.4
 142 80.7 73.4 110.0

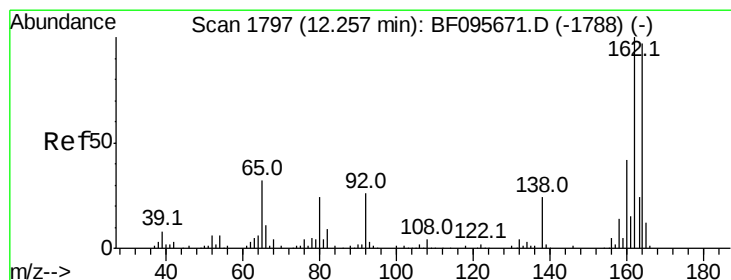
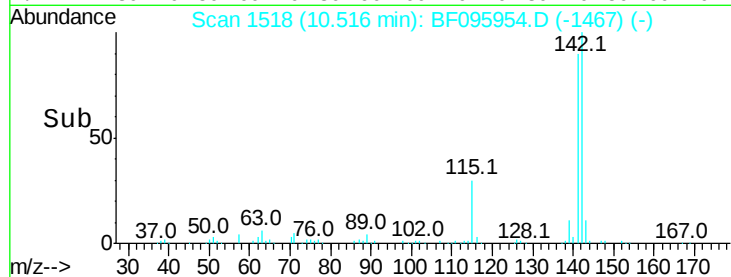
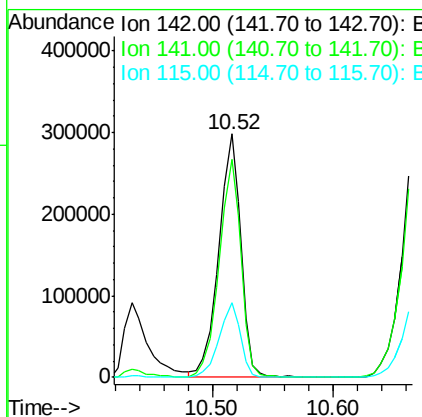
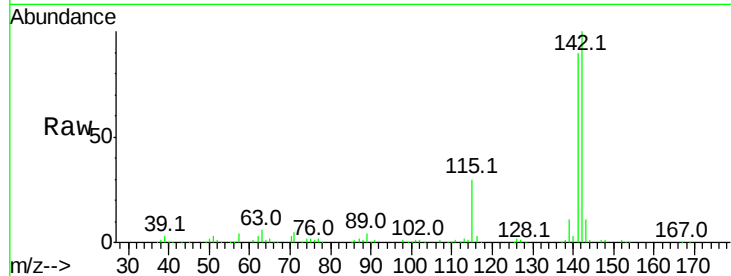




#37
 2-Methylnaphthalene
 Concen: 40.53 ng
 RT: 10.52 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

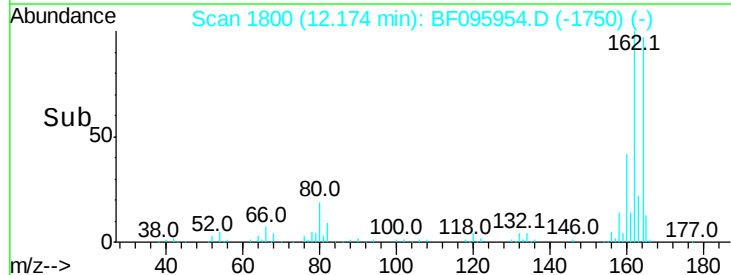
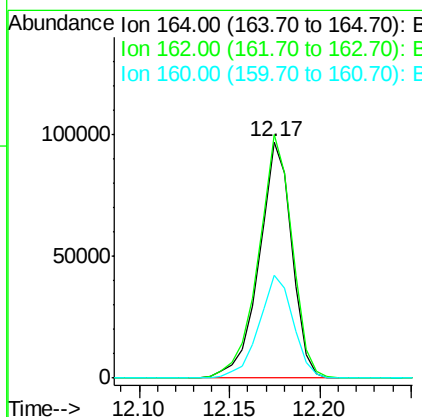
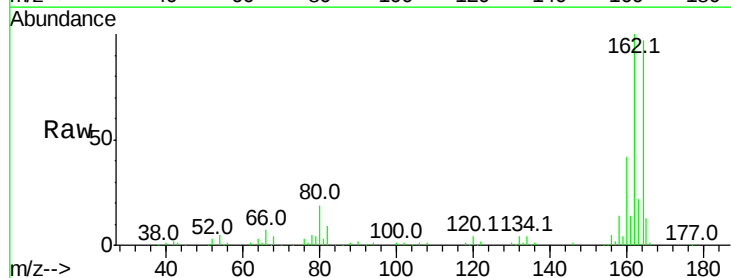
Instrument :
 BNA_F
 ClientSampleId :

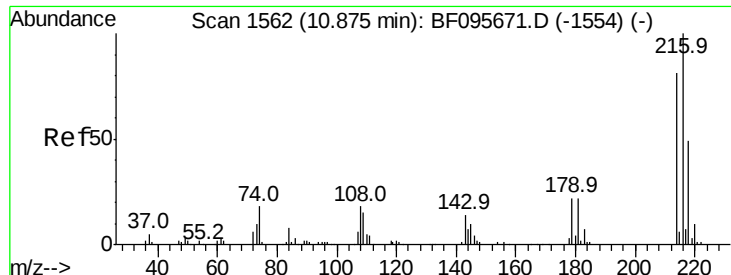
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	30.5	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.17 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	43.6	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.69 ng

RT: 10.80 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 147863

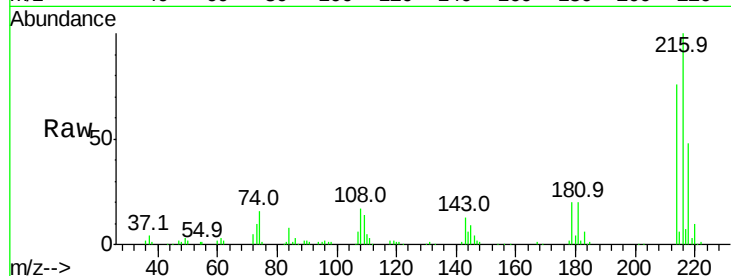
Ion Ratio Lower Upper

216 100

214 77.7 63.4 95.2

179 21.2 17.9 26.9

108 18.4 16.5 24.7

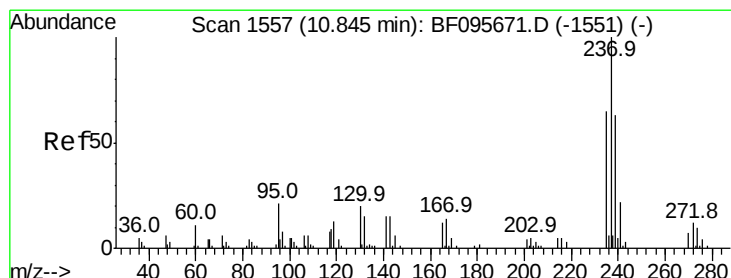
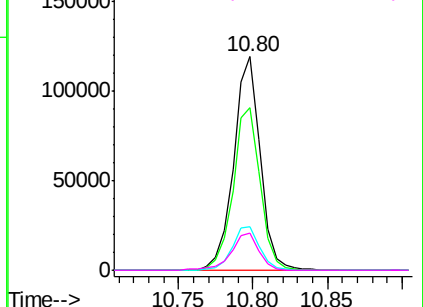
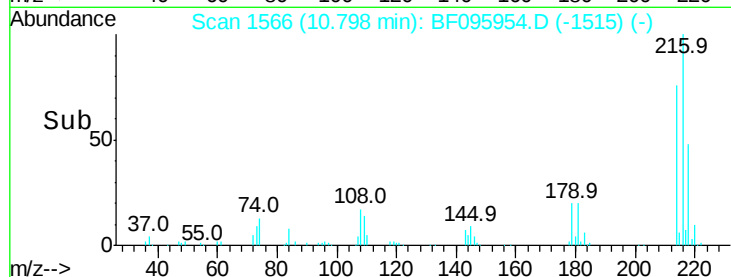


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.62 ng

RT: 10.77 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

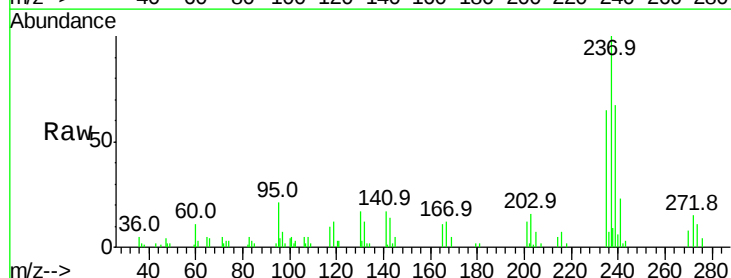
Tgt Ion:237 Resp: 32311

Ion Ratio Lower Upper

237 100

235 64.7 42.6 82.6

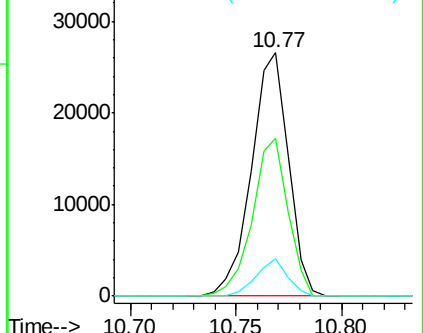
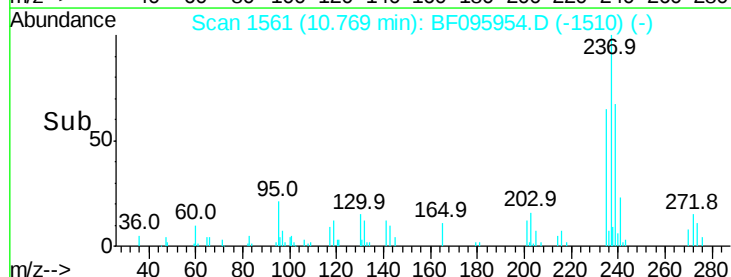
272 15.3 0.0 31.9

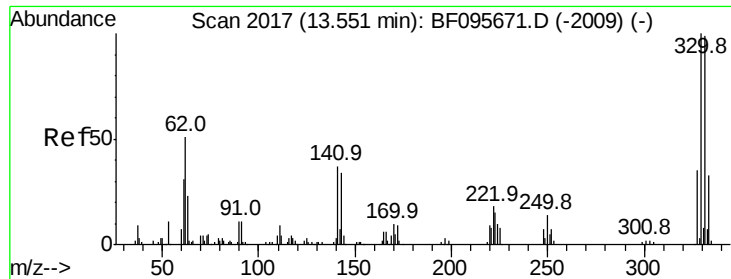


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

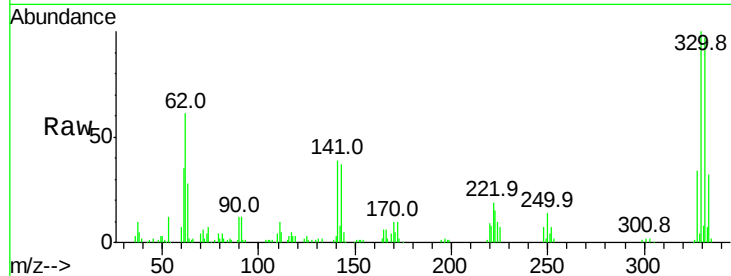




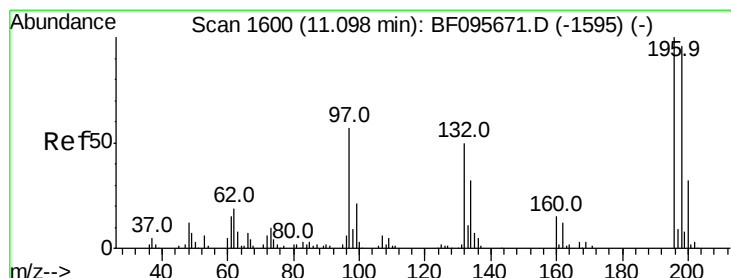
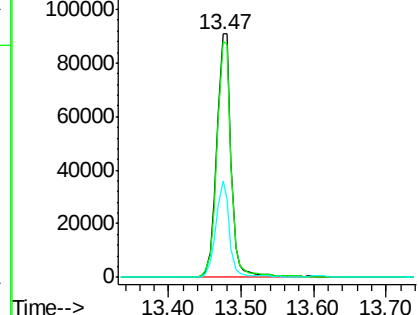
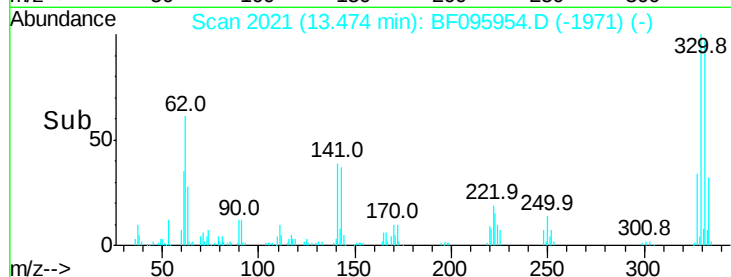
#41
 2,4,6-Tribromophenol
 Concen: 118.49 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	36.8	31.4	47.2

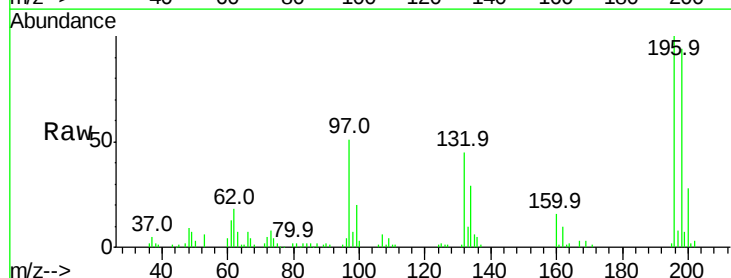


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

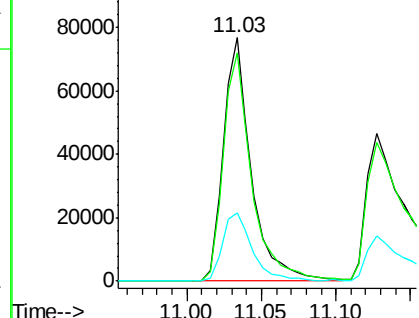
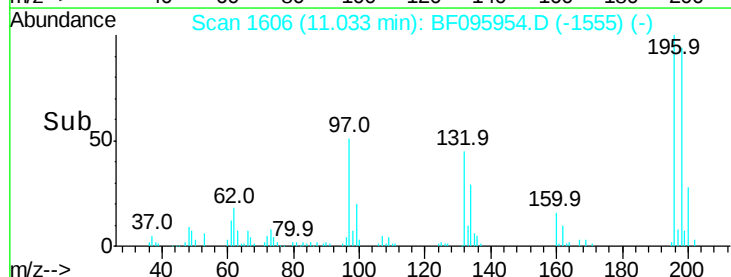


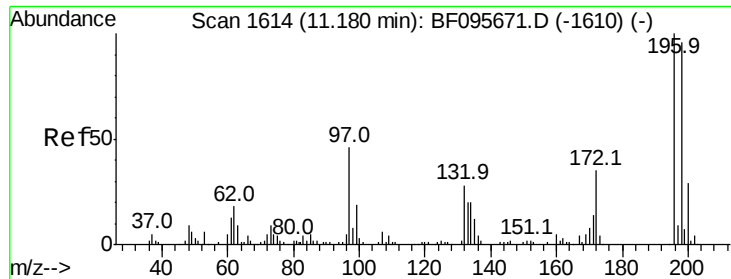
#42
 2,4,6-Trichlorophenol
 Concen: 43.11 ng
 RT: 11.03 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	74.2	111.4
200	28.3	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

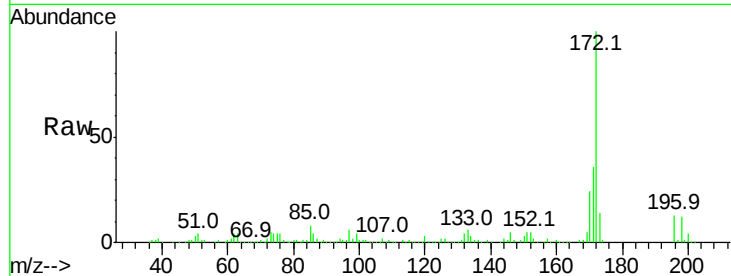




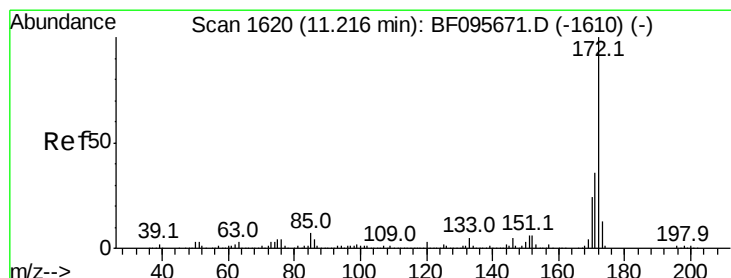
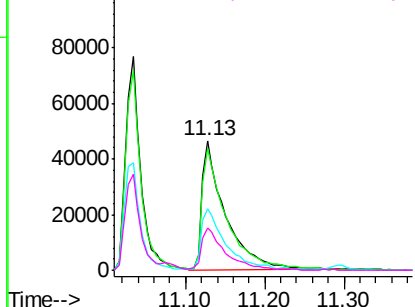
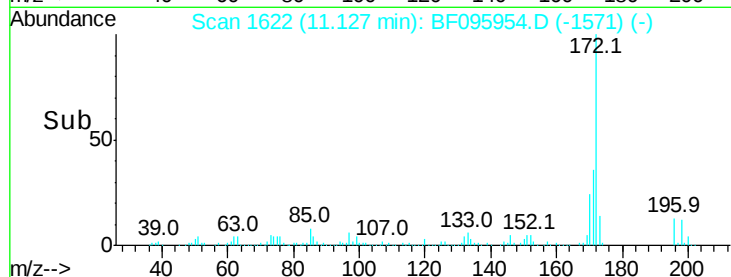
#43
 2,4,5-Trichlorophenol
 Concen: 38.68 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 96120
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 97 47.8 47.7 71.5
 132 32.8 28.0 42.0

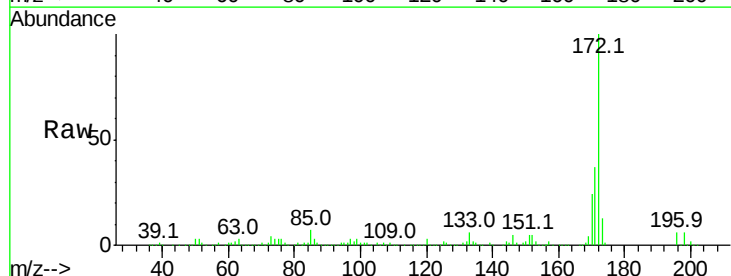


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

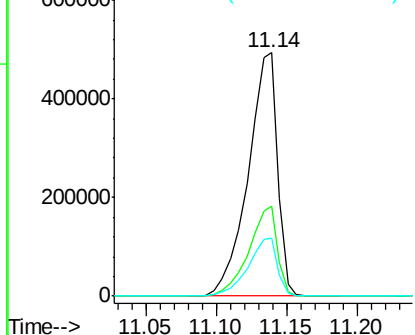
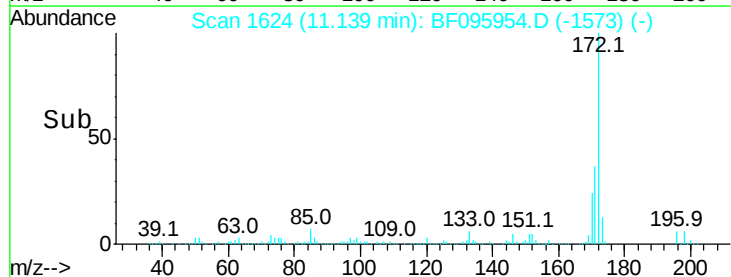


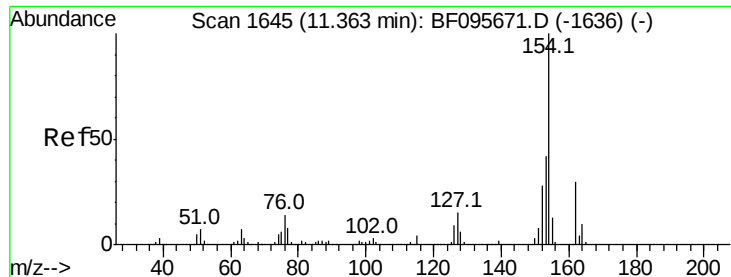
#44
 2-Fluorobiphenyl
 Concen: 82.85 ng
 RT: 11.14 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion:172 Resp: 722975
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 23.6 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: 41.57 ng

RT: 11.29 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampled :

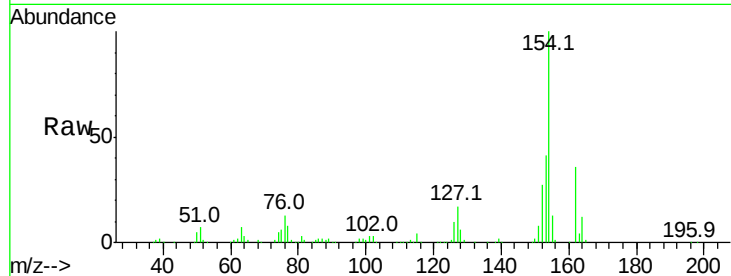
Tot Ion:154 Resp: 416070

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

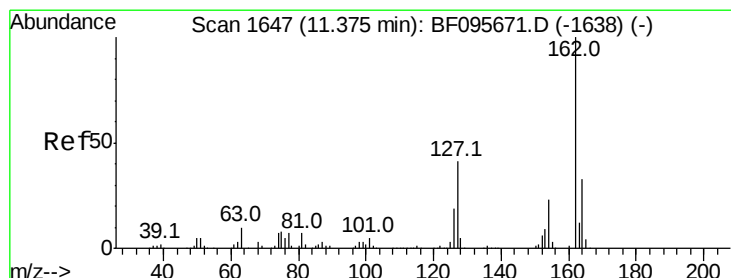
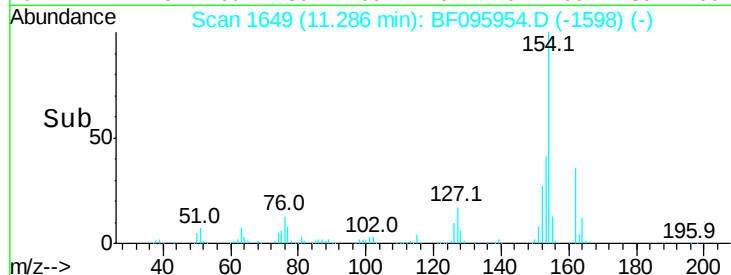
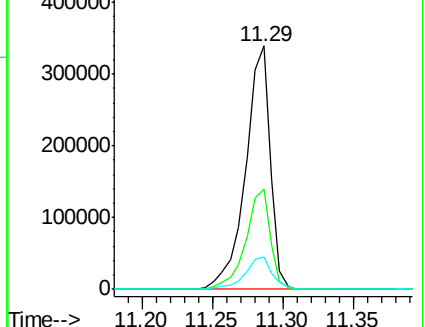
76 13.1 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.44 ng

RT: 11.30 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

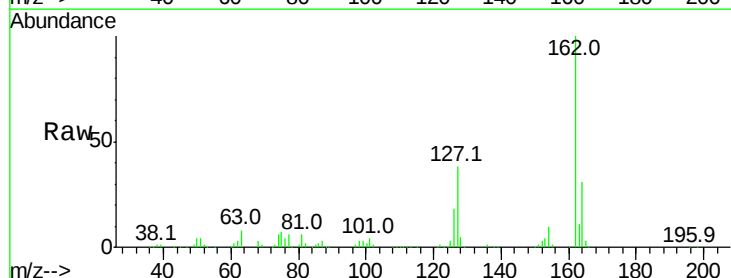
Tgt Ion:162 Resp: 324007

Ion Ratio Lower Upper

162 100

127 38.5 28.3 42.5

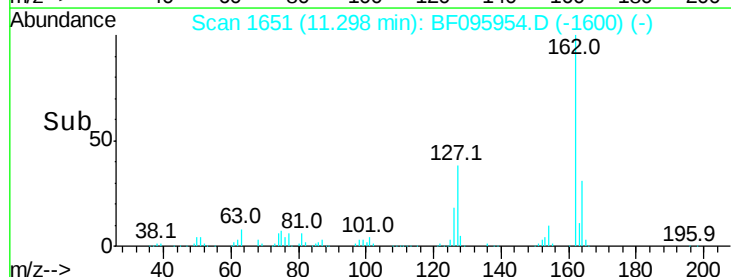
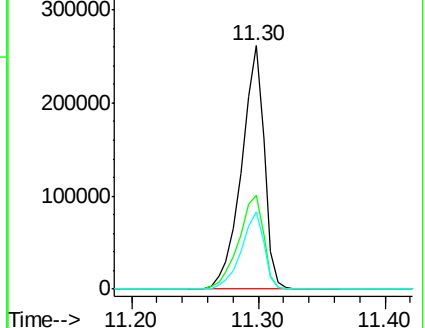
164 31.5 27.0 40.4

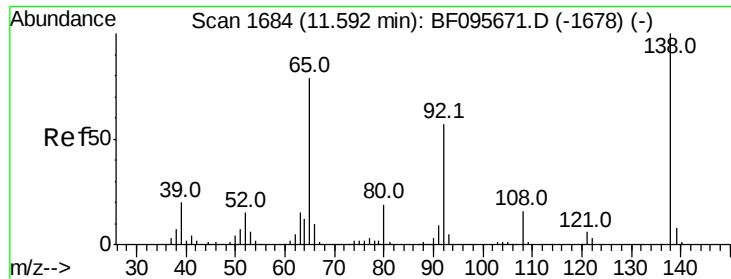


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

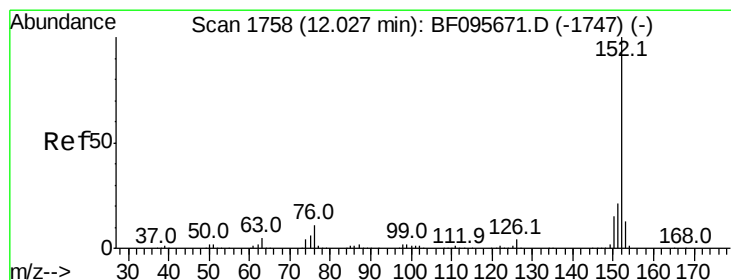
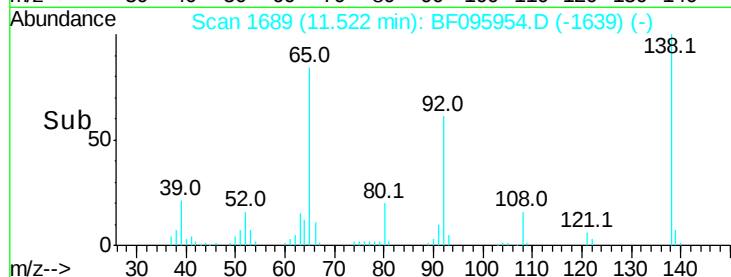
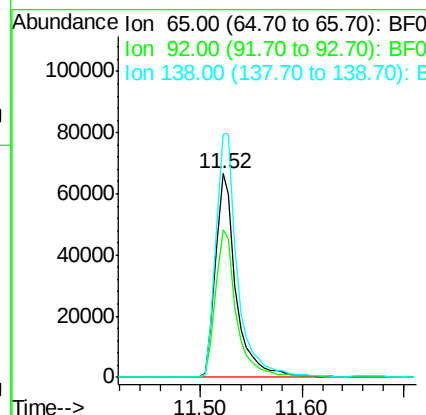
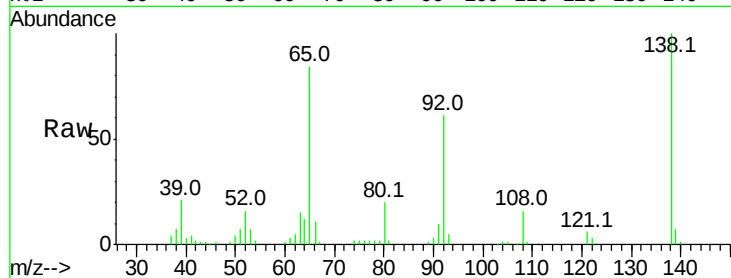




#47
 2-Nitroaniline
 Concen: 41.19 ng
 RT: 11.52 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

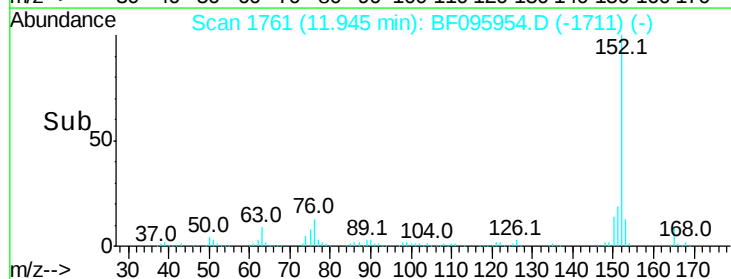
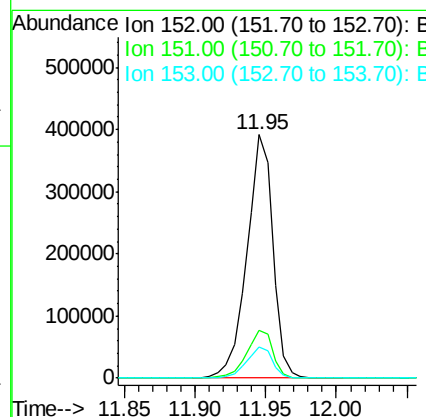
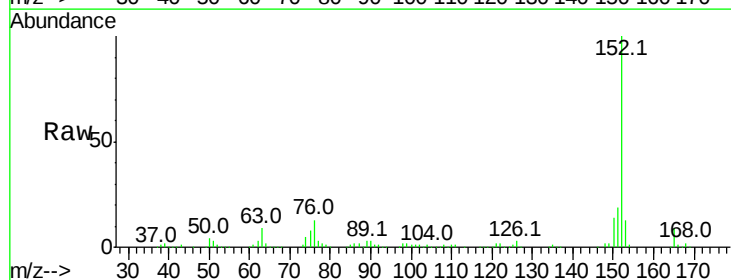
Instrument :
 BNA_F
 ClientSampleId :

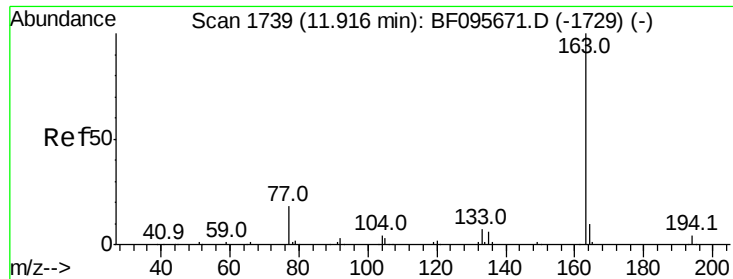
Tot Ion: 65 Resp: 94260
 Ion Ratio Lower Upper
 65 100
 92 72.4 53.9 80.9
 138 119.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 37.74 ng
 RT: 11.95 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion:152 Resp: 504627
 Ion Ratio Lower Upper
 152 100
 151 19.5 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 41.40 ng

RT: 11.84 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BF095954.D

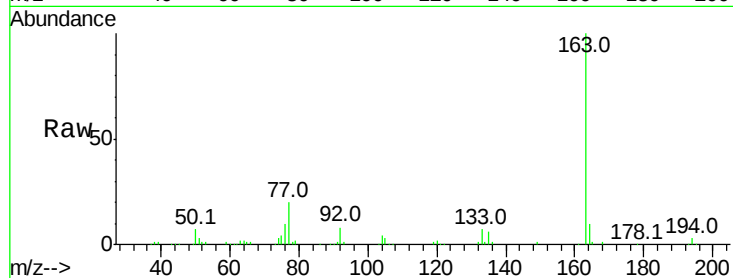
Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

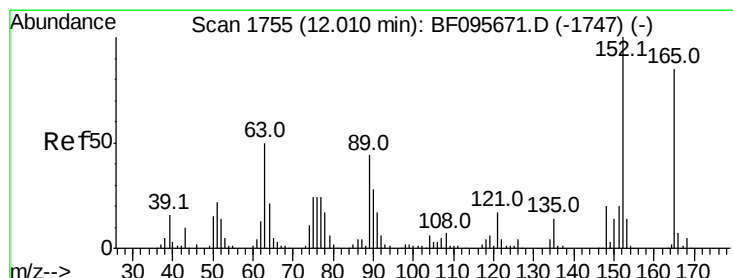
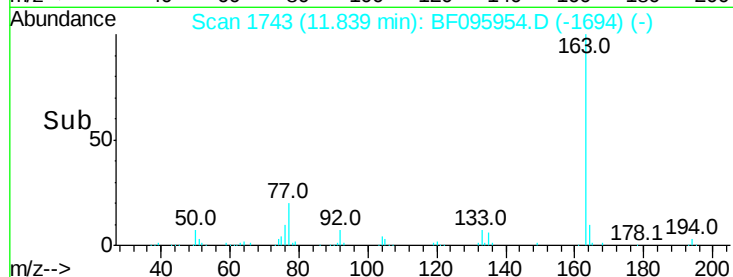
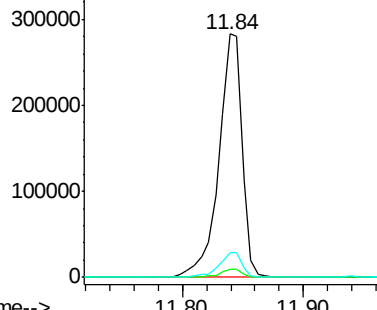
Tot Ion:163	Resp:	381687
Ion Ratio	Lower	Upper
163	100	
194	3.2	2.6 4.0
164	10.0	8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.87 ng

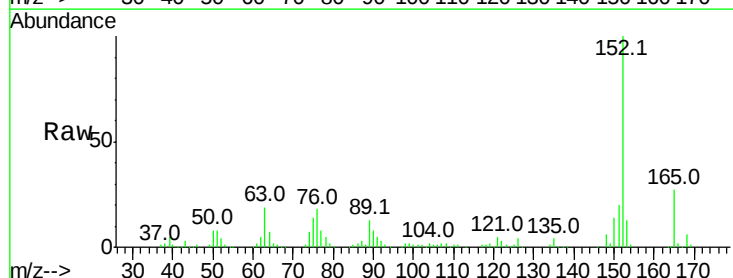
RT: 11.94 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

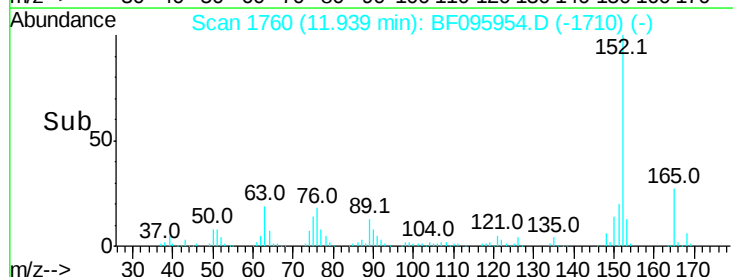
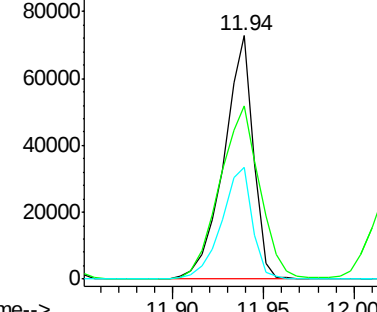
Tgt Ion:165	Resp:	82189
Ion Ratio	Lower	Upper
165	100	
63	71.2	34.3 51.5#
89	45.9	37.1 55.7

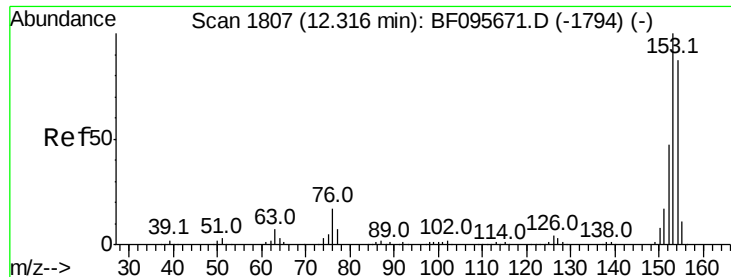


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.89 ng

RT: 12.23 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

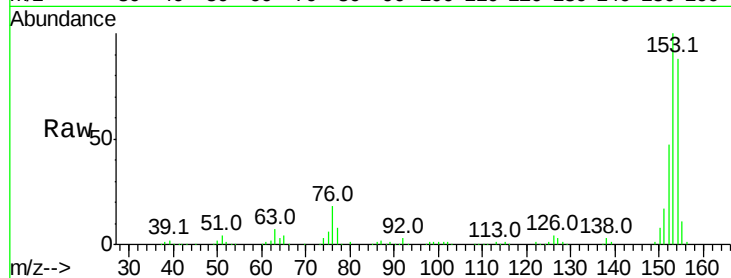
Tot Ion:154 Resp: 300344

Ion Ratio Lower Upper

154 100

153 113.7 90.5 135.7

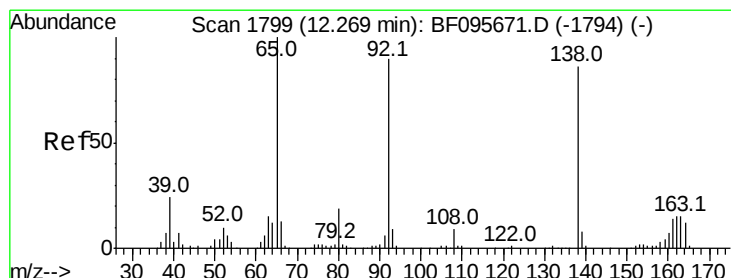
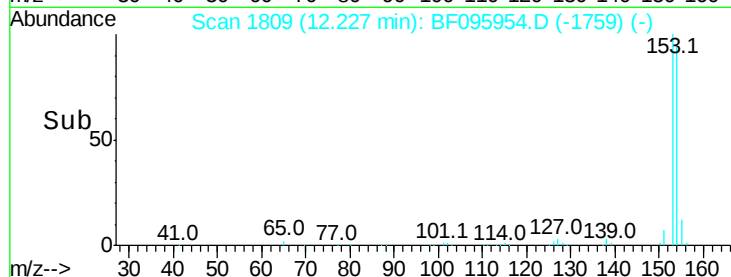
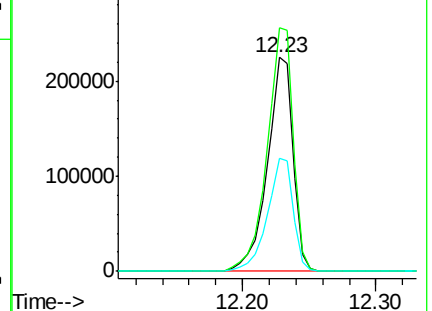
152 52.9 43.6 65.4



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: 24.49 ng

RT: 12.20 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

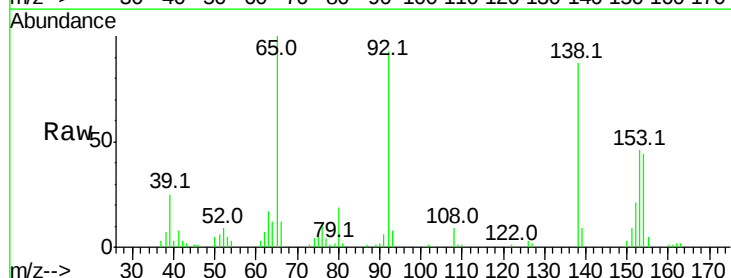
Tgt Ion:138 Resp: 57388

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

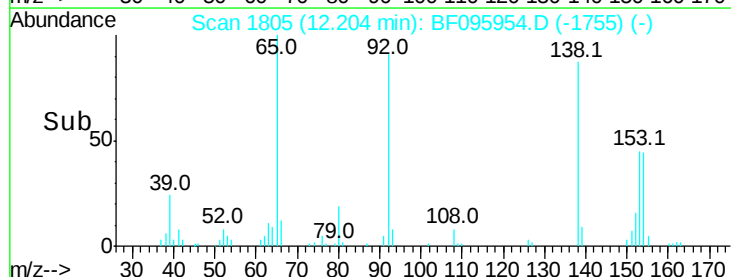
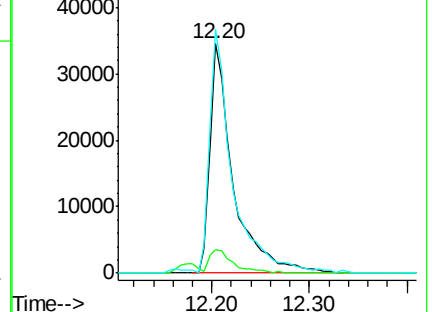
92 106.2 93.8 140.6

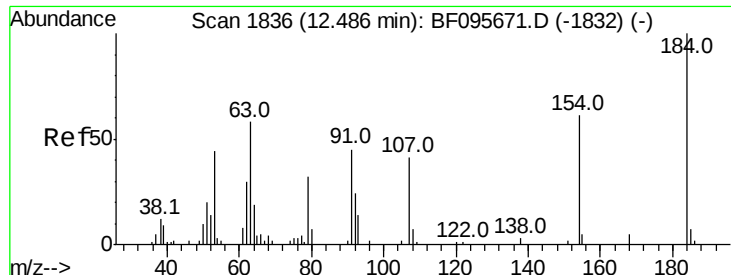


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

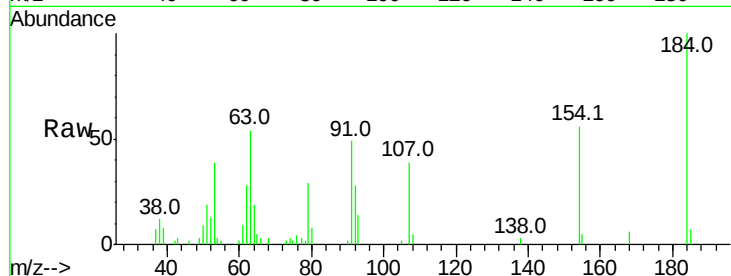




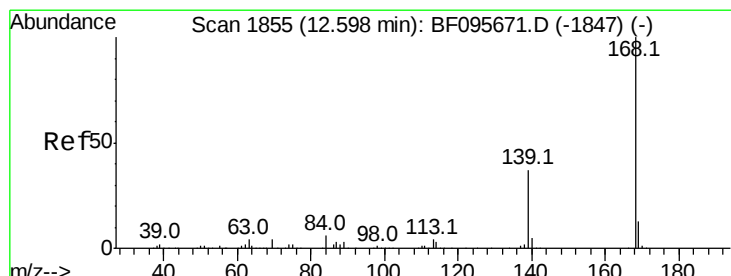
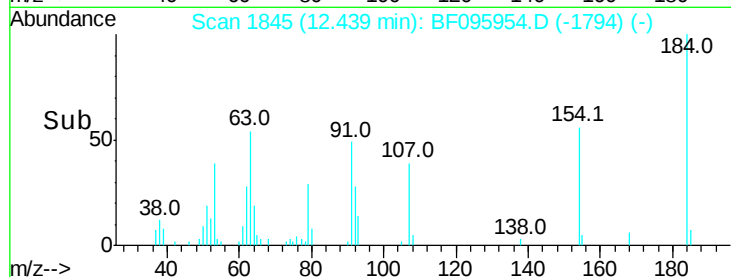
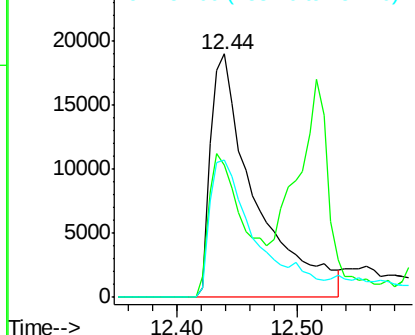
#53
 2,4-Dinitrophenol
 Concen: 45.57 ng
 RT: 12.44 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 48439
 Ion Ratio Lower Upper
 184 100
 63 54.4 62.7 94.1#
 154 56.4 81.1 121.7#

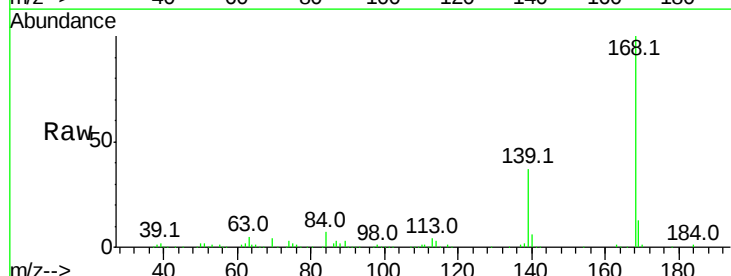


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

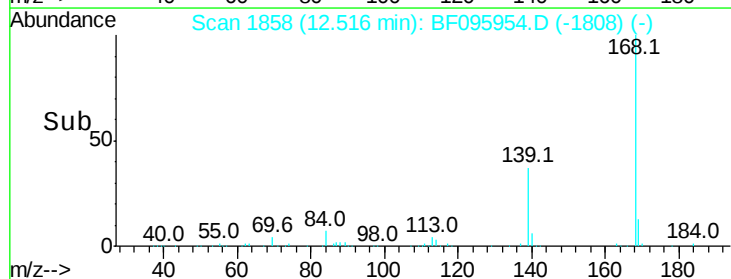
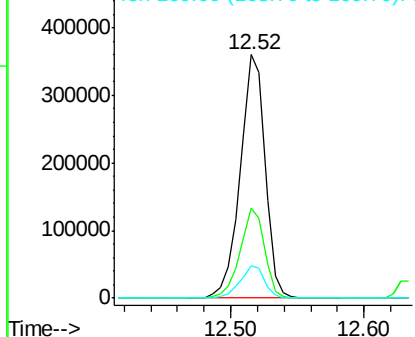


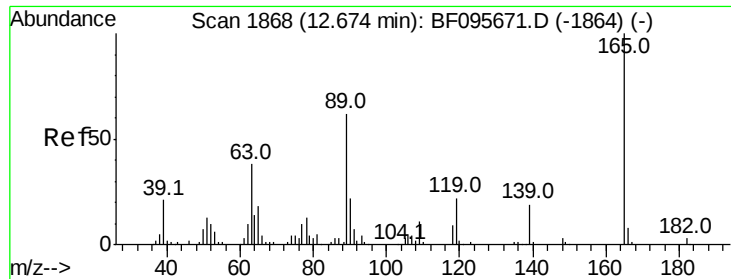
#54
 Dibenzofuran
 Concen: 42.54 ng
 RT: 12.52 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion:168 Resp: 462323
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.6 45.8
 169 13.1 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

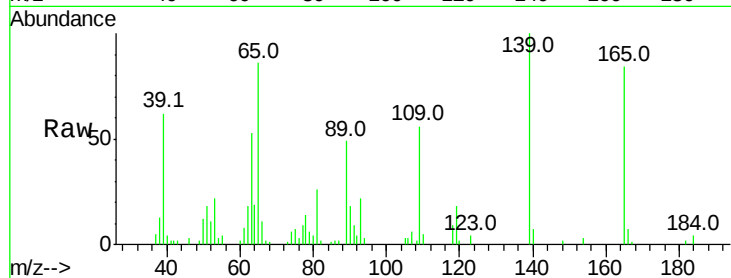




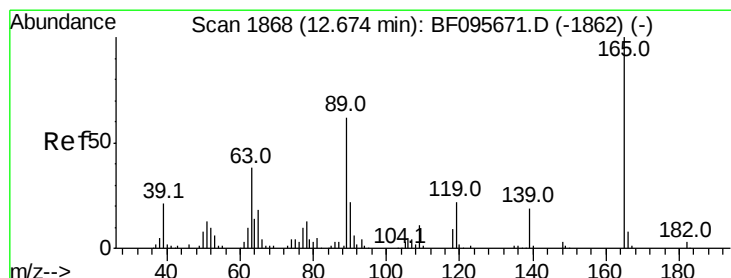
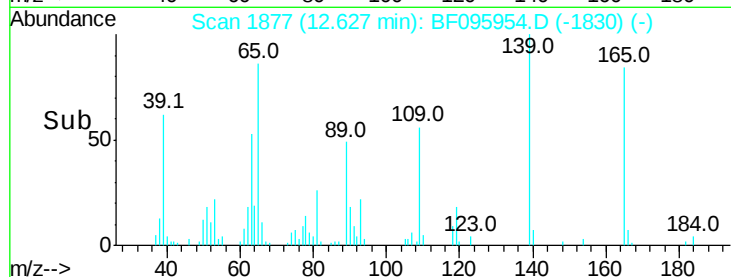
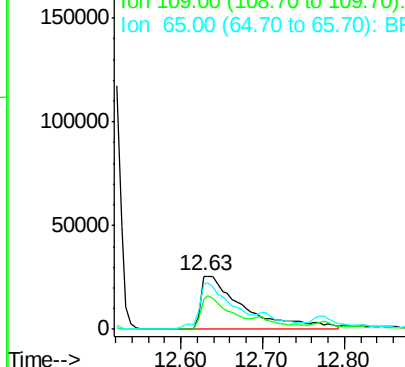
#55
4-Nitrophenol
Concen: 69.95 ng
RT: 12.63 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 94850
Ion Ratio Lower Upper
139 100
109 56.5 34.1 74.1
65 85.5 31.4 71.4#

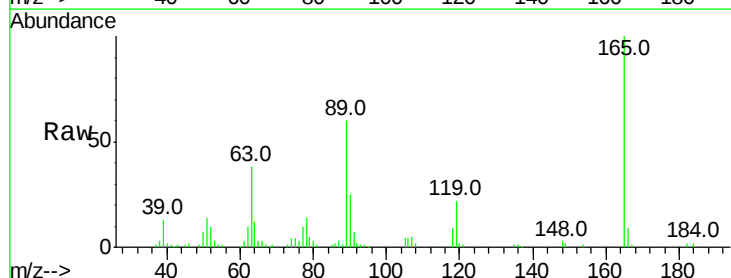


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

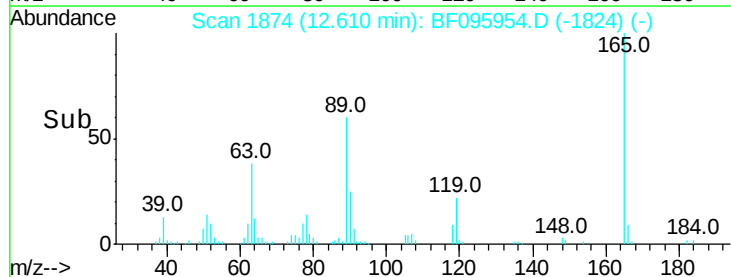
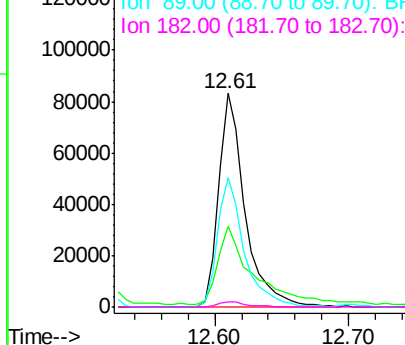


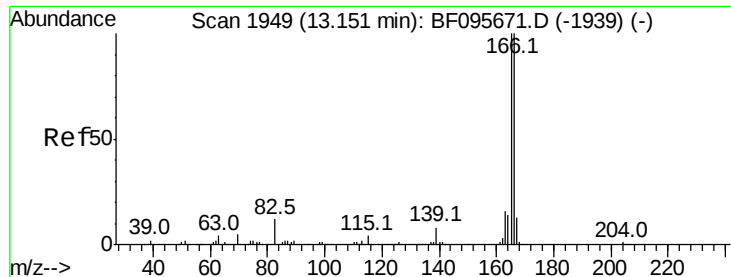
#56
2,4-Dinitrotoluene
Concen: 42.74 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion:165 Resp: 116100
Ion Ratio Lower Upper
165 100
63 37.5 25.4 38.0
89 60.5 46.4 69.6
182 2.4 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.48 ng

RT: 13.07 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

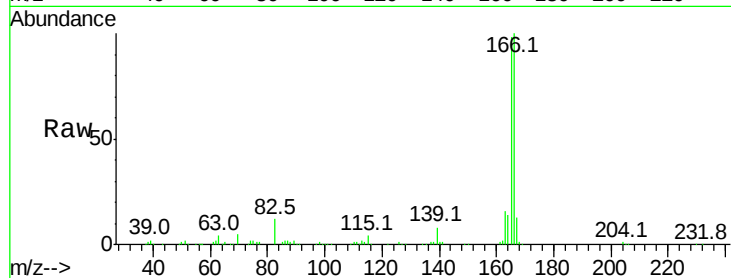
Tot Ion:166 Resp: 363966

Ion Ratio Lower Upper

166 100

165 98.0 78.8 118.2

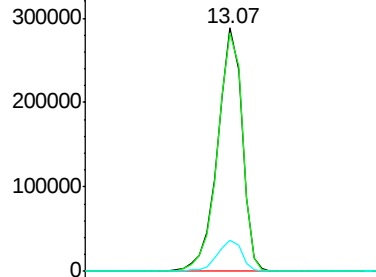
167 12.7 10.6 16.0



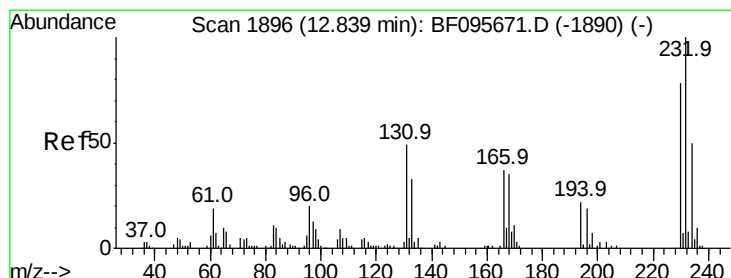
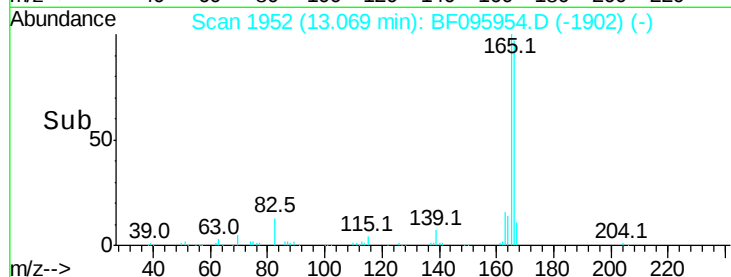
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.63 ng

RT: 12.77 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Tgt Ion:232 Resp: 72492

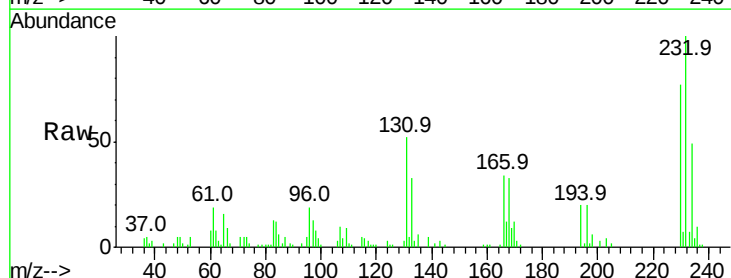
Ion Ratio Lower Upper

232 100

131 47.6 44.8 67.2

130 1.9 2.3 3.5#

166 33.8 29.0 43.4

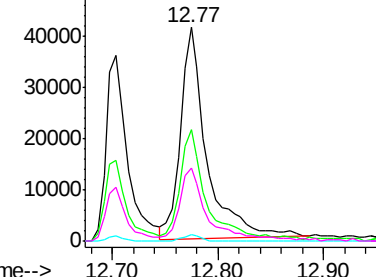


Abundance Ion 232.00 (231.70 to 232.70): E

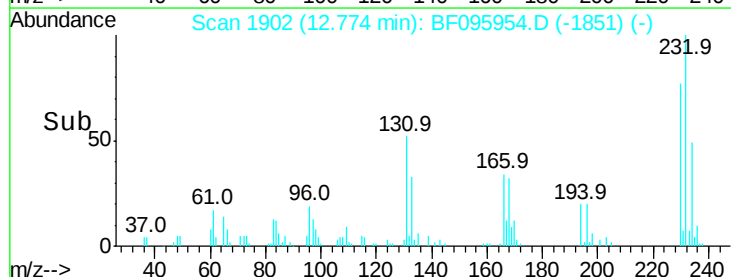
Ion 131.00 (130.70 to 131.70): E

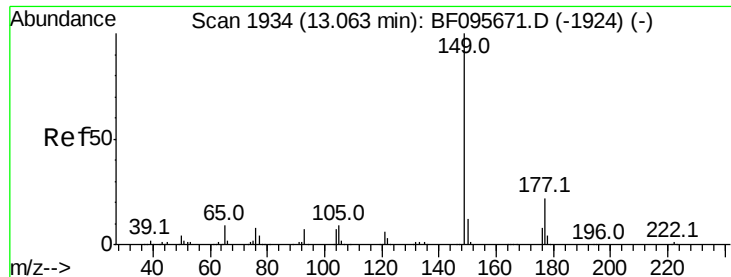
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->

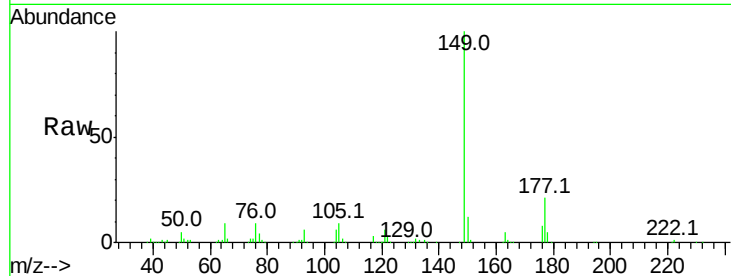




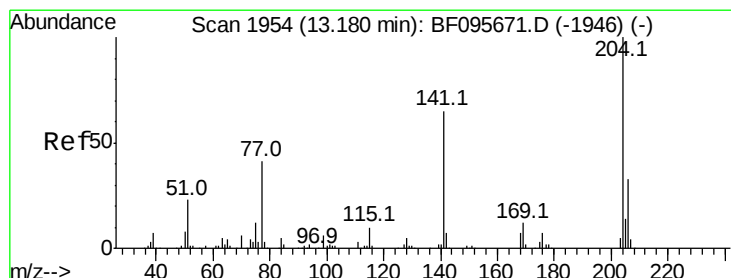
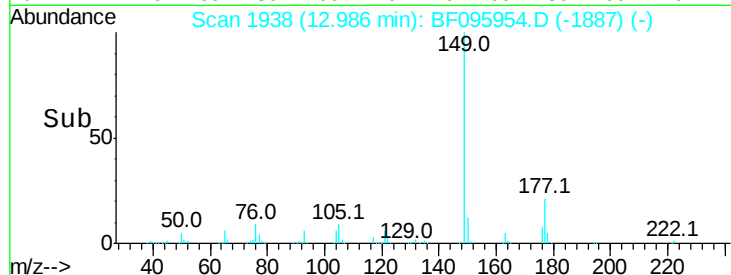
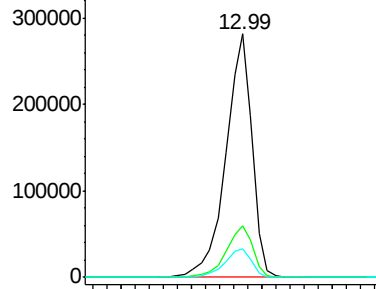
#59
Diethylphthalate
Concen: 41.31 ng
RT: 12.99 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 366533
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 11.7 10.2 15.2

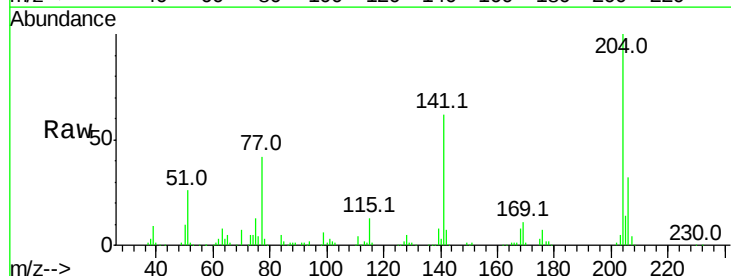


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

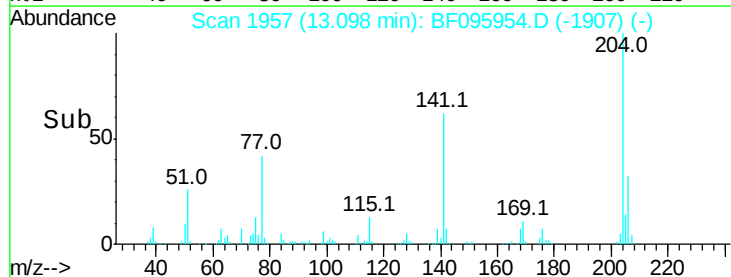
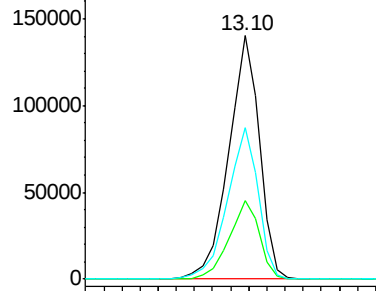


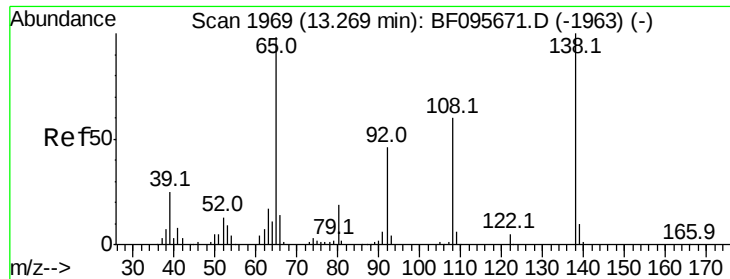
#60
4-Chlorophenyl-phenylether
Concen: 40.17 ng
RT: 13.10 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion:204 Resp: 165222
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 62.4 60.8 91.2



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

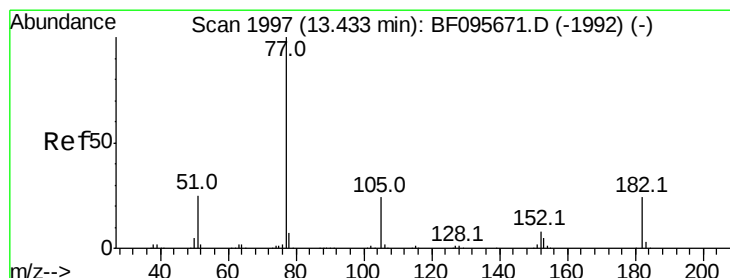
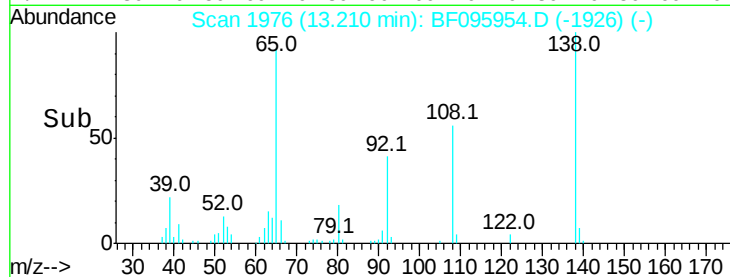
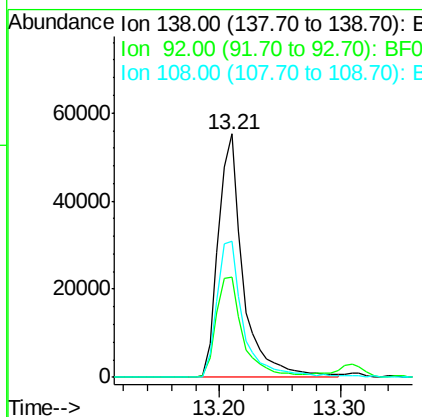
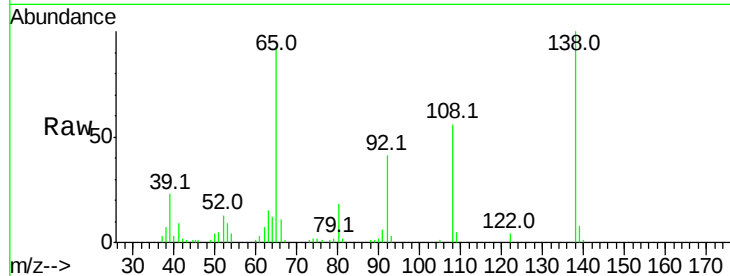




#61
4-Nitroaniline
Concen: 35.90 ng
RT: 13.21 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

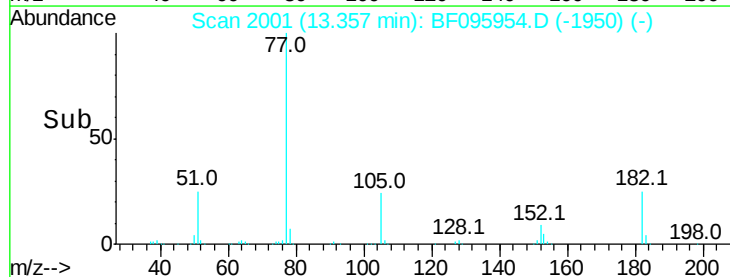
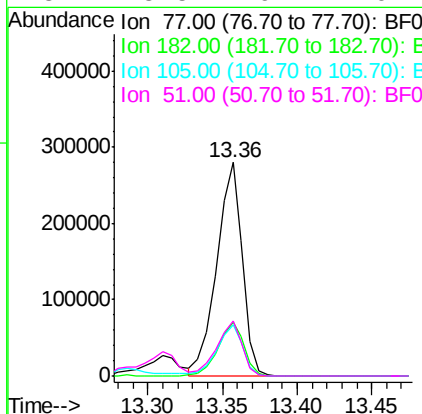
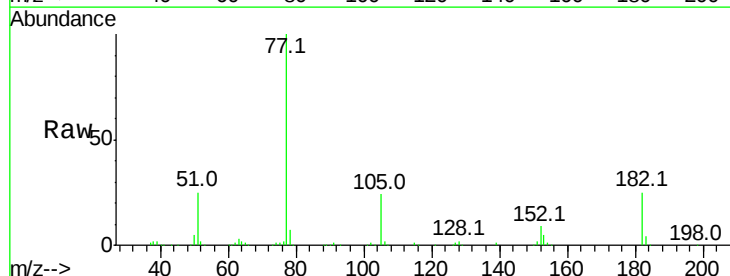
Instrument :
BNA_F
ClientSampled :

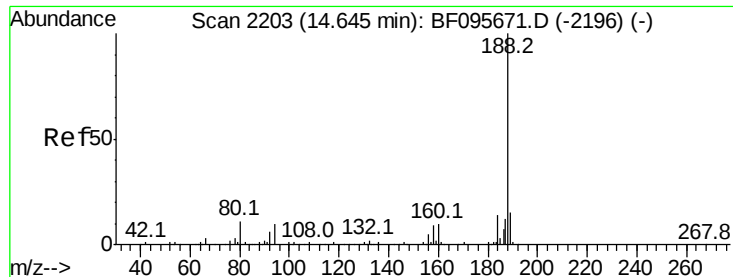
Tot Ion:138 Resp: 78523
Ion Ratio Lower Upper
138 100
92 41.2 21.8 61.8
108 55.9 42.3 82.3



#62
Azobenzene
Concen: 41.93 ng
RT: 13.36 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion: 77 Resp: 337168
Ion Ratio Lower Upper
77 100
182 25.1 0.1 40.1
105 24.1 3.6 43.6
51 25.5 9.4 49.4

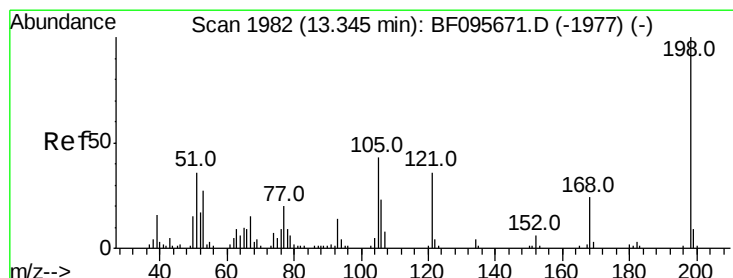
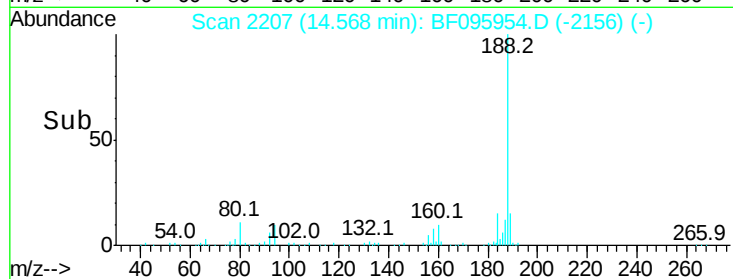
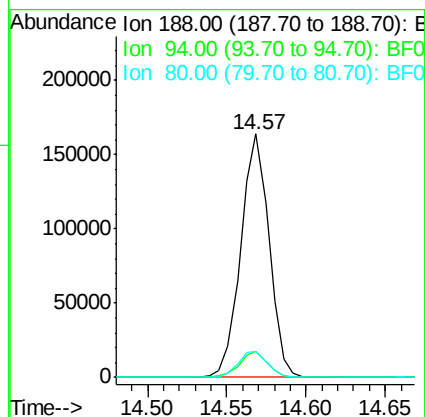
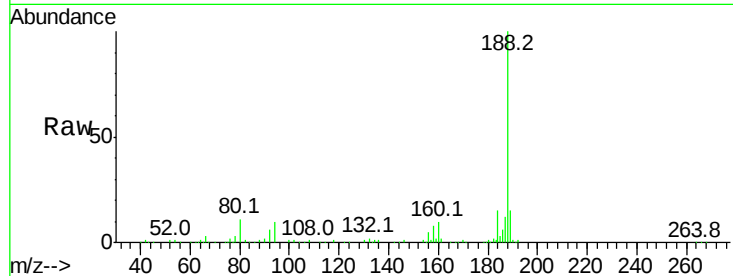




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

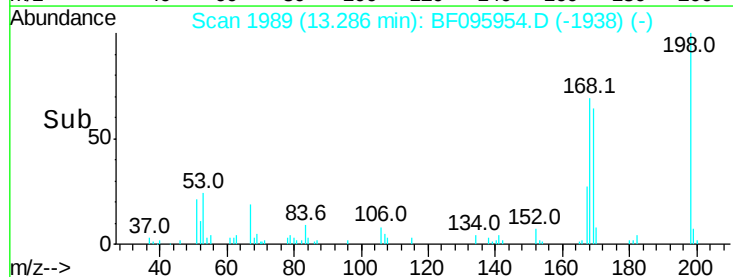
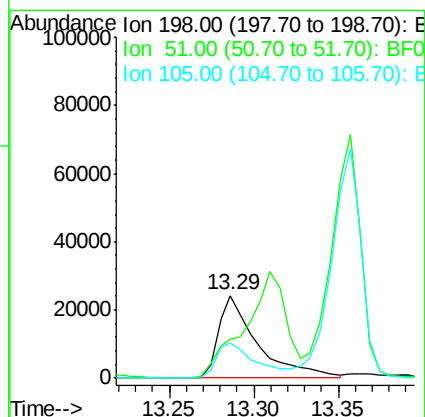
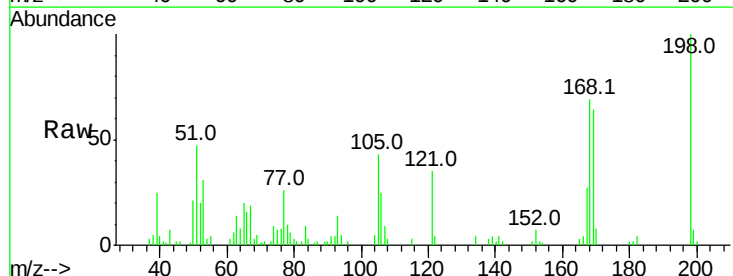
Instrument :
BNA_F
ClientSampleId :

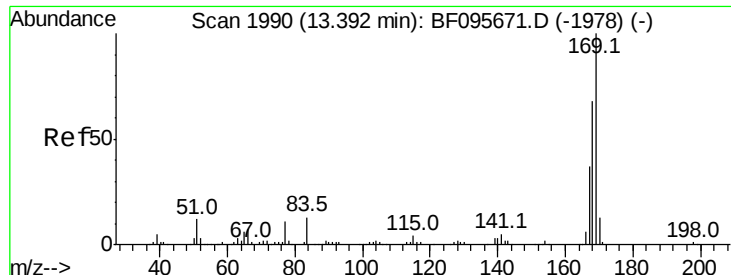
Tot Ion:188 Resp: 202512
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 29.37 ng
RT: 13.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion:198 Resp: 39094
Ion Ratio Lower Upper
198 100
51 46.6 53.2 93.2#
105 43.2 45.8 85.8#

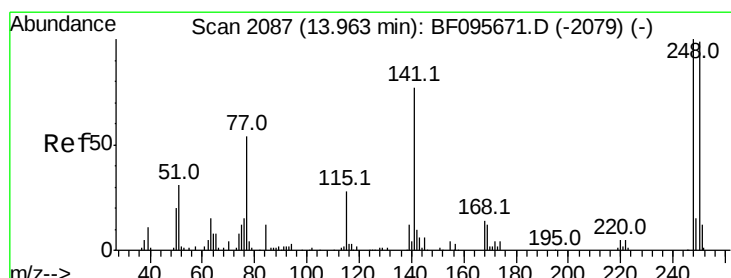
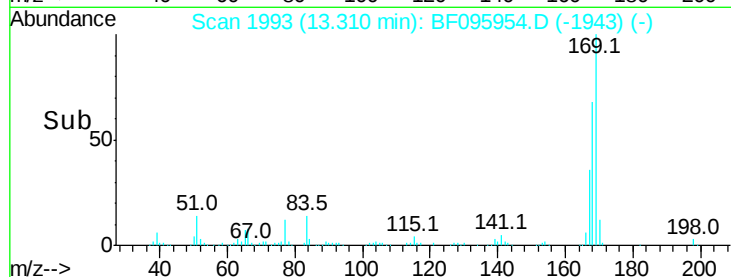
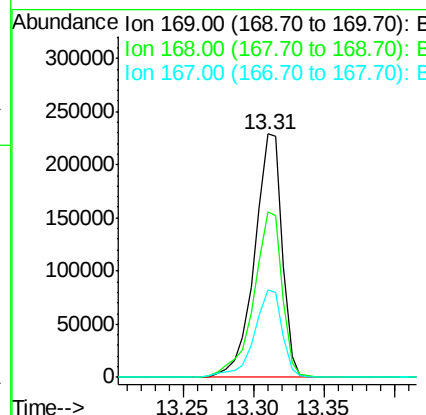
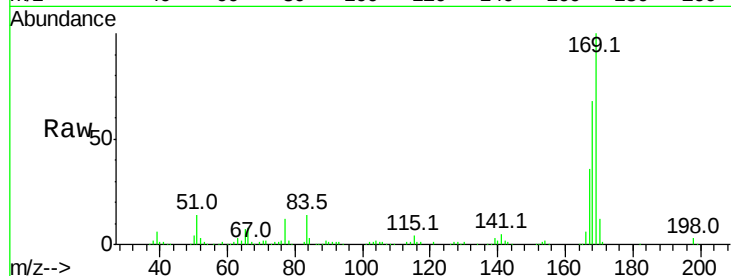




#65
n-Nitrosodiphenylamine
Concen: 43.31 ng
RT: 13.31 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

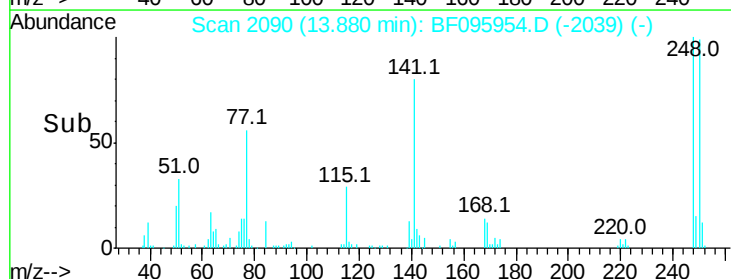
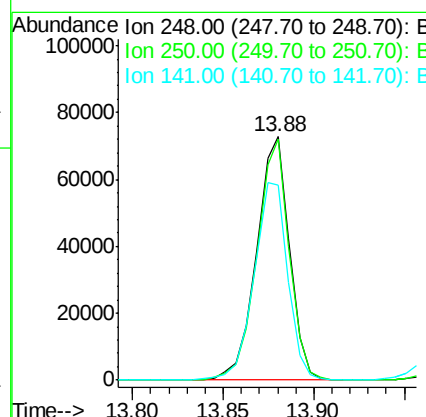
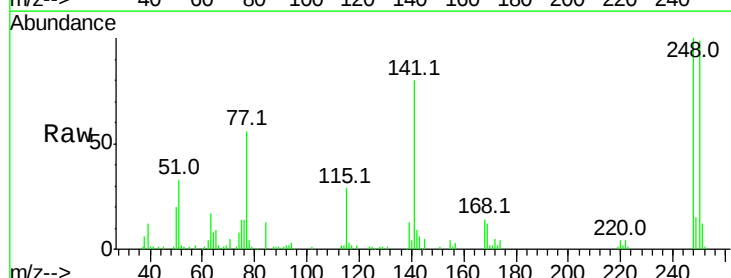
Instrument :
BNA_F
ClientSampleId :

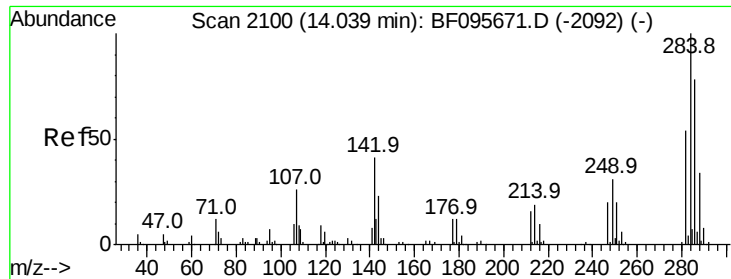
Tot Ion:169 Resp: 315188
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 36.1 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 43.45 ng
RT: 13.88 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion:248 Resp: 91443
Ion Ratio Lower Upper
248 100
250 98.8 76.8 115.2
141 80.2 68.6 103.0





#67

Hexachlorobenzene

Concen: 41.57 ng

RT: 13.96 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

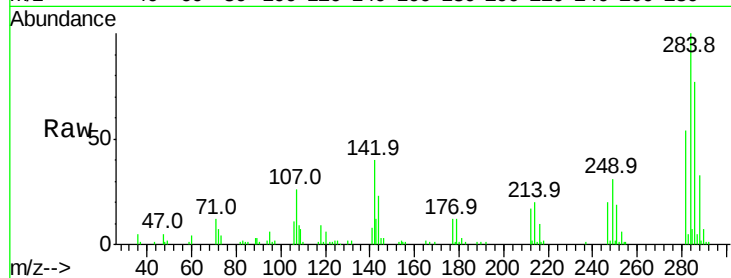
Tot Ion:284 Resp: 86222

Ion Ratio Lower Upper

284 100

142 39.9 22.8 34.2#

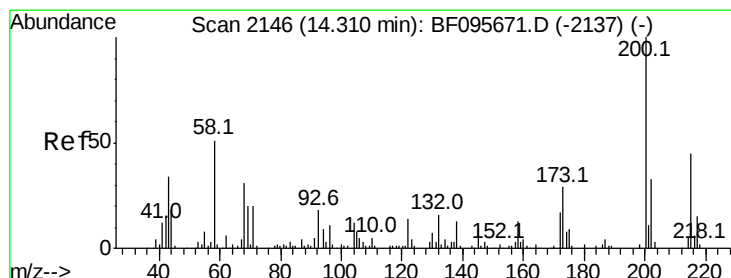
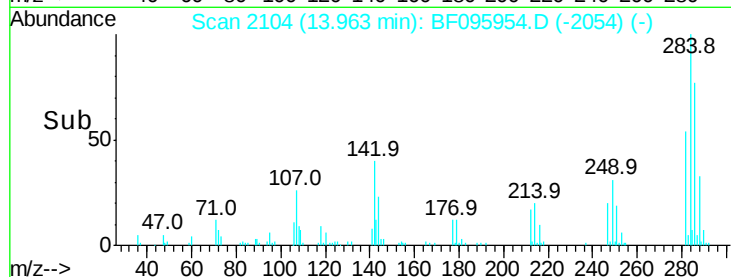
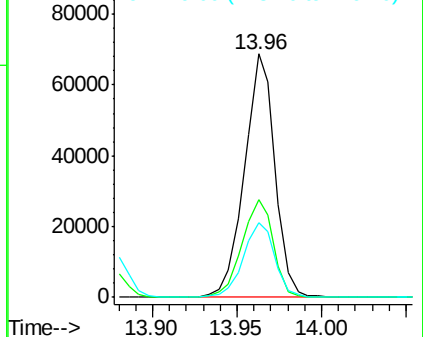
249 30.8 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.47 ng

RT: 14.24 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

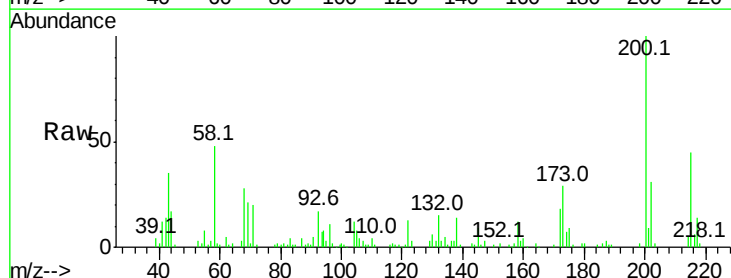
Tgt Ion:200 Resp: 94106

Ion Ratio Lower Upper

200 100

173 28.6 6.3 46.3

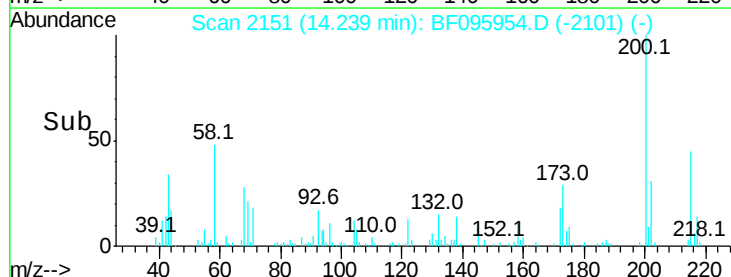
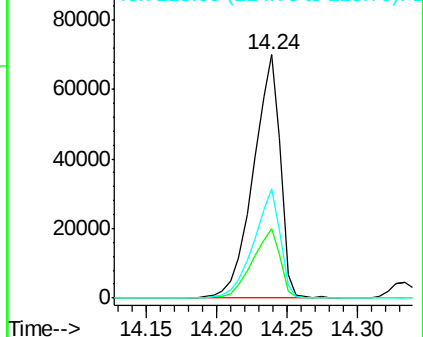
215 44.6 27.2 67.2

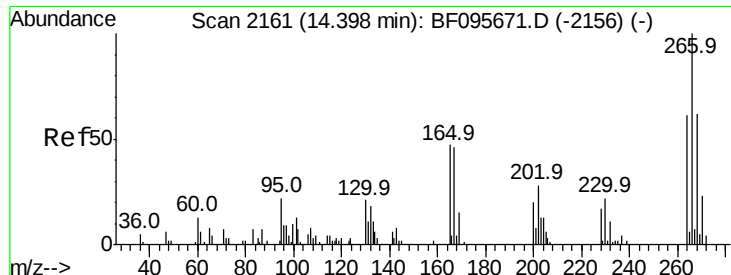


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

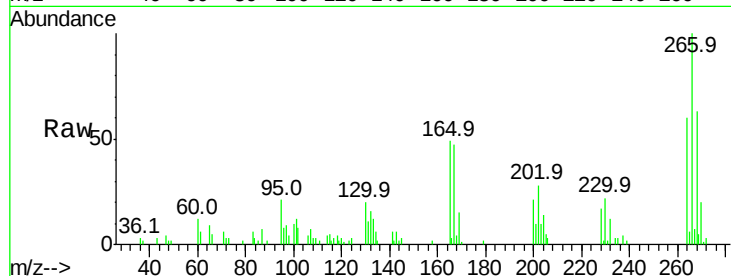




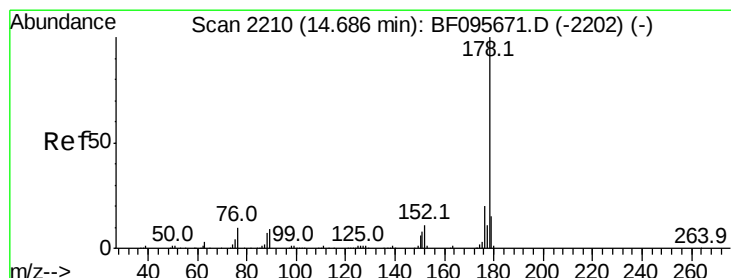
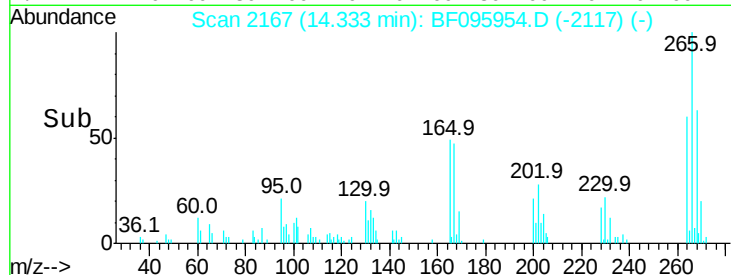
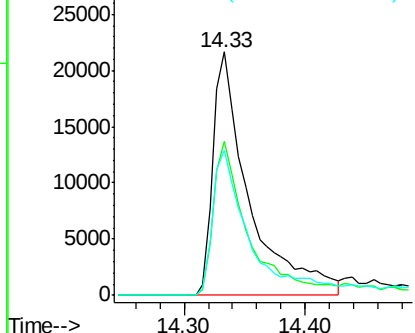
#69
 Pentachlorophenol
 Concen: 59.08 ng
 RT: 14.33 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:266 Resp: 44979
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 59.8 51.7 77.5

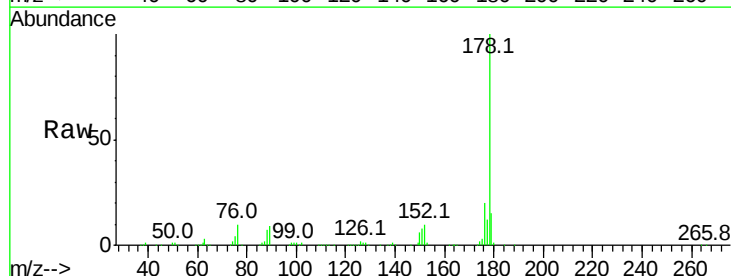


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

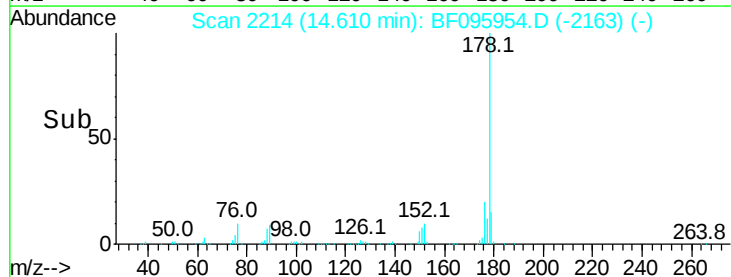
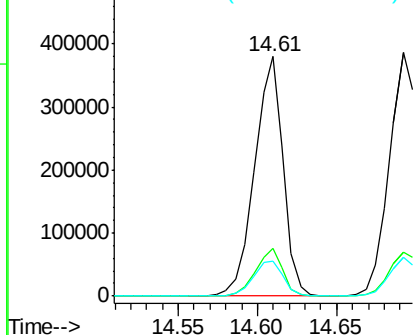


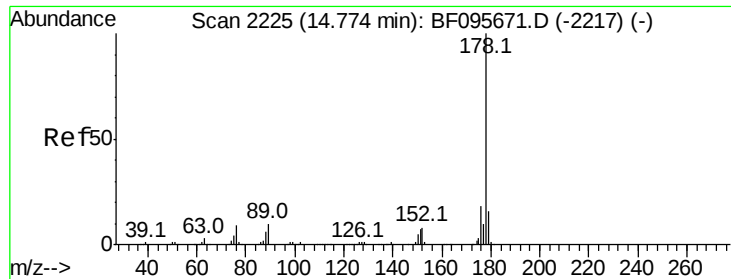
#70
 Phenanthrene
 Concen: 40.73 ng
 RT: 14.61 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion:178 Resp: 475913
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 14.7 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

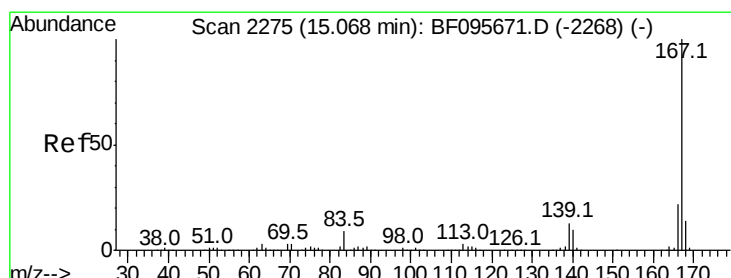
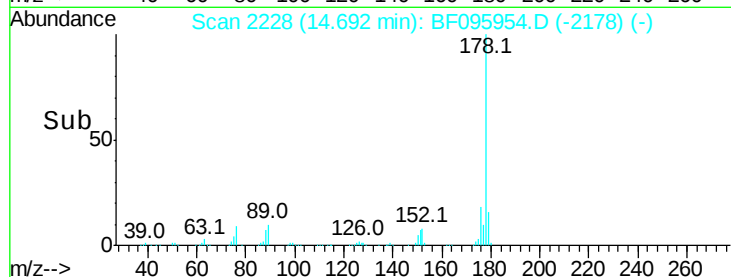
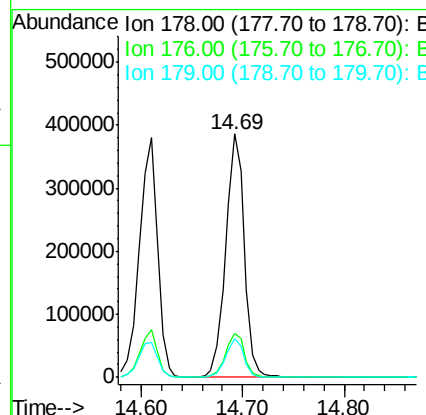
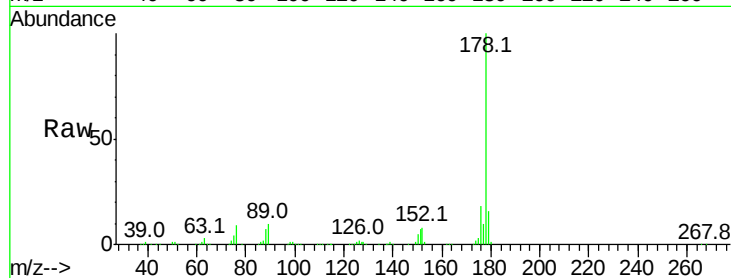




#71
 Anthracene
 Concen: 40.27 ng
 RT: 14.69 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

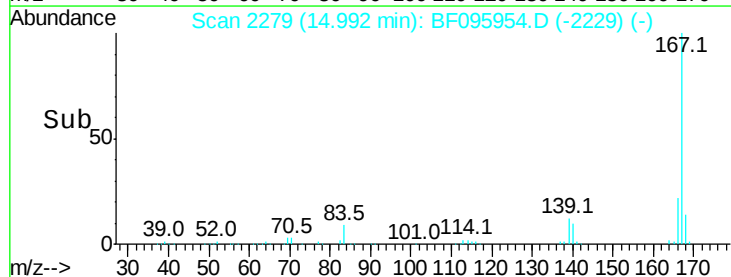
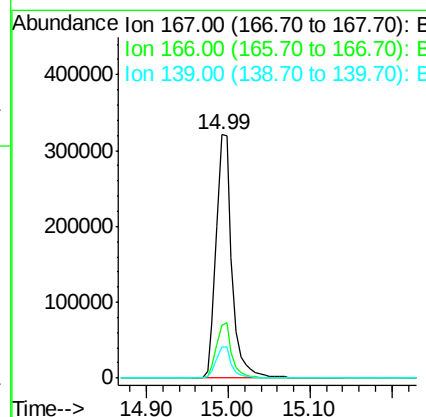
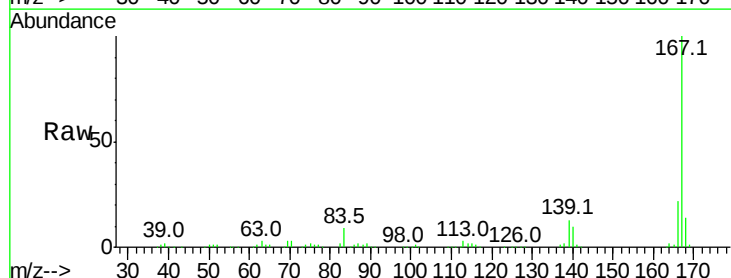
Instrument :
 BNA_F
 ClientSampleId :

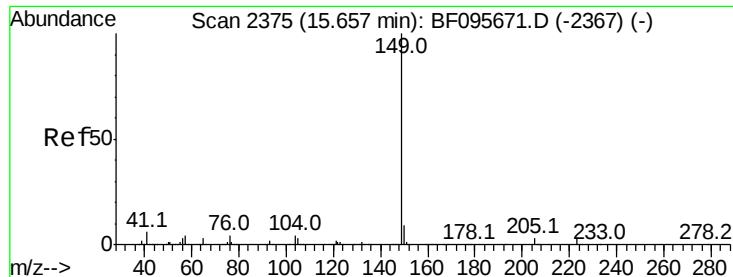
Tot Ion:178 Resp: 491226
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 36.60 ng
 RT: 14.99 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion:167 Resp: 435128
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.22 ng

RT: 15.59 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

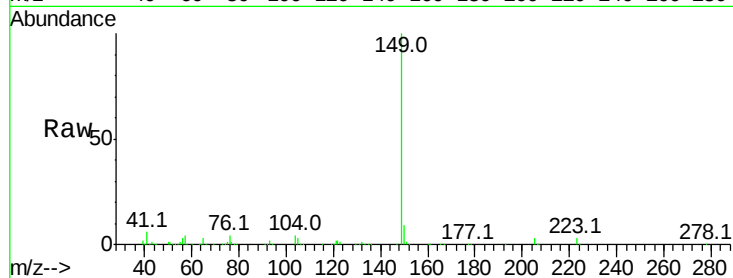
Tot Ion:149 Resp: 571919

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

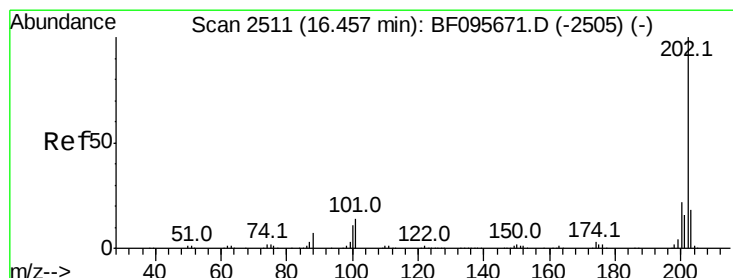
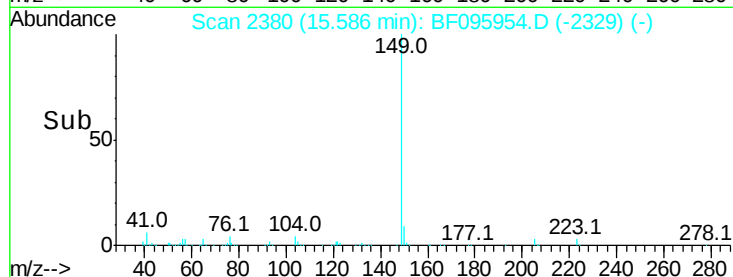
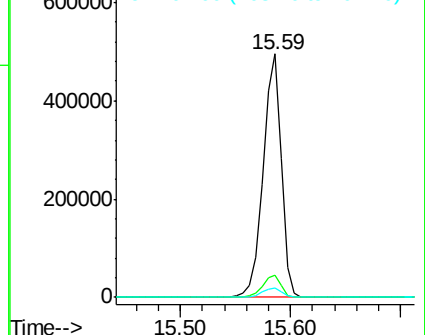
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.78 ng

RT: 16.39 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

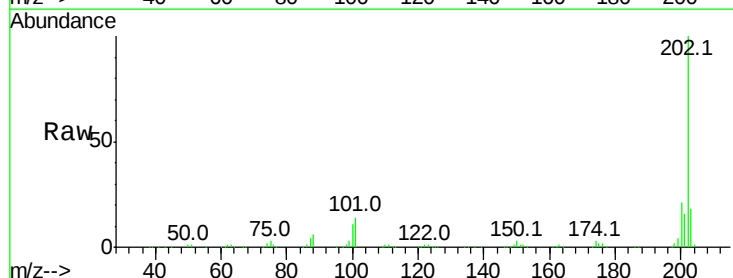
Tgt Ion:202 Resp: 425406

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

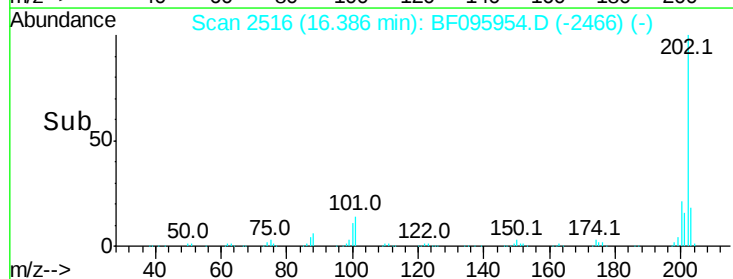
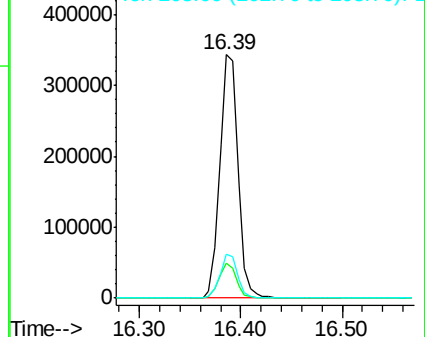
203 18.1 0.0 38.1

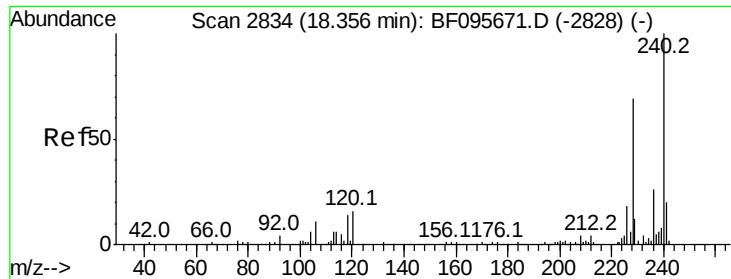


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.29 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

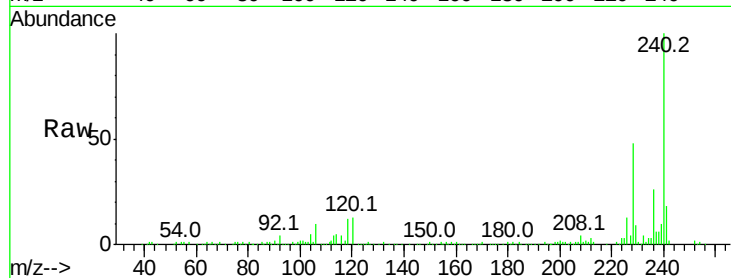
Tot Ion:240 Resp: 141712

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

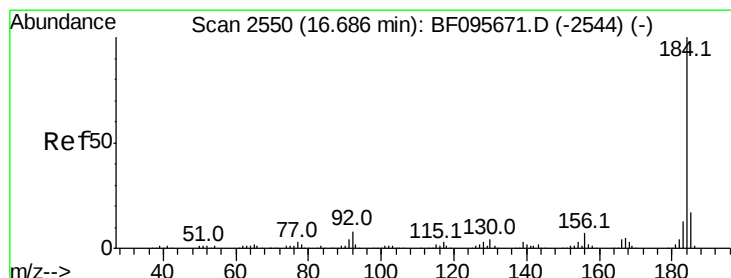
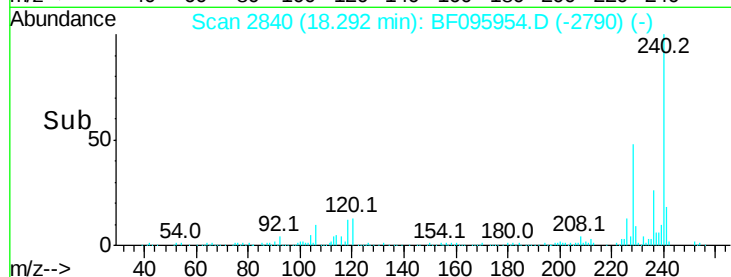
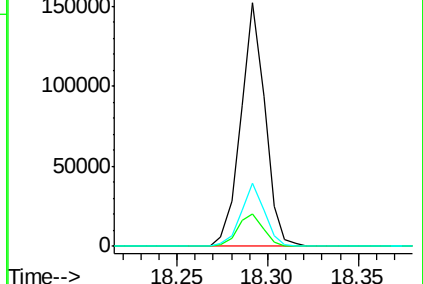
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.84 ng

RT: 16.62 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

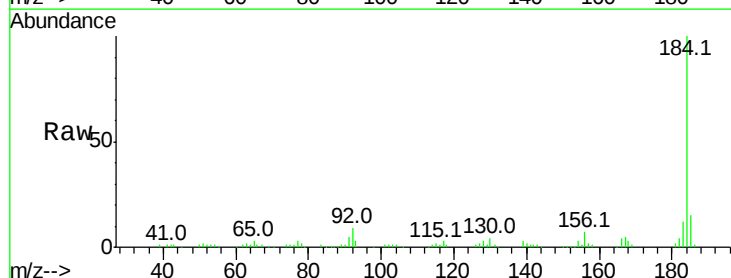
Tgt Ion:184 Resp: 156970

Ion Ratio Lower Upper

184 100

185 14.8 15.5 23.3#

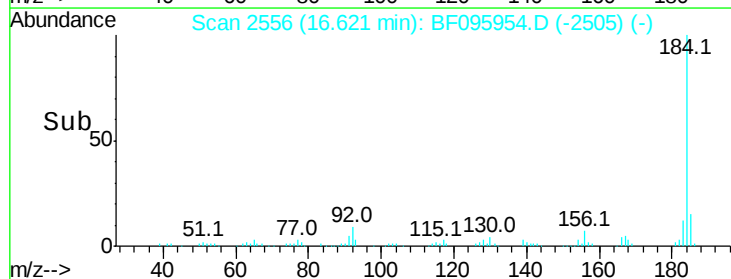
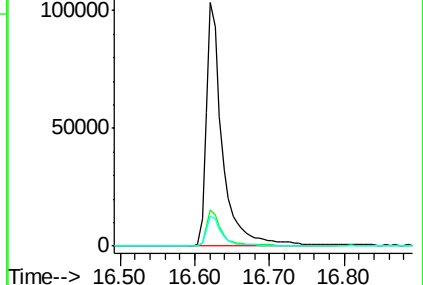
183 12.0 9.8 14.6

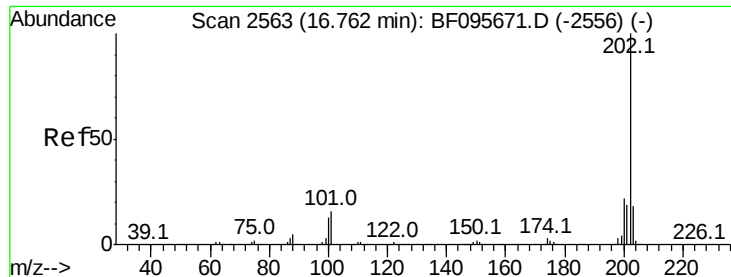


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.64 ng

RT: 16.69 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

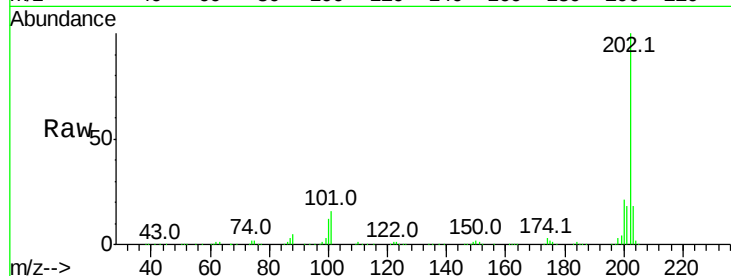
Tot Ion:202 Resp: 429673

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

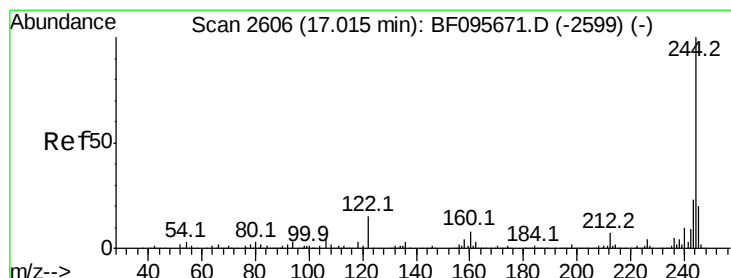
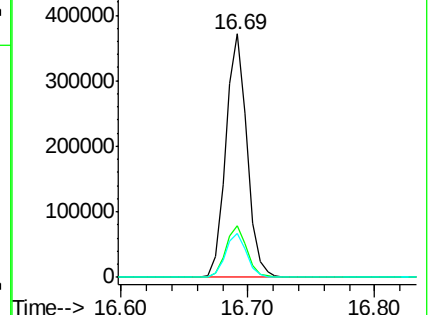
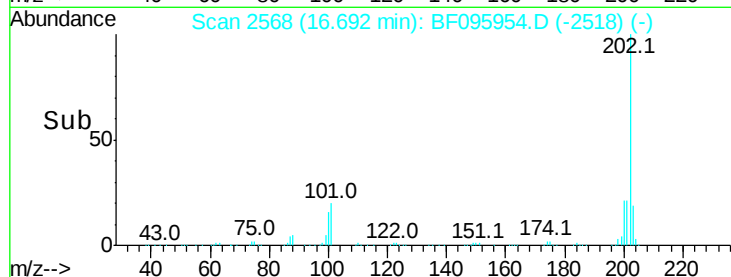
203 18.2 14.4 21.6



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: 88.09 ng

RT: 16.94 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

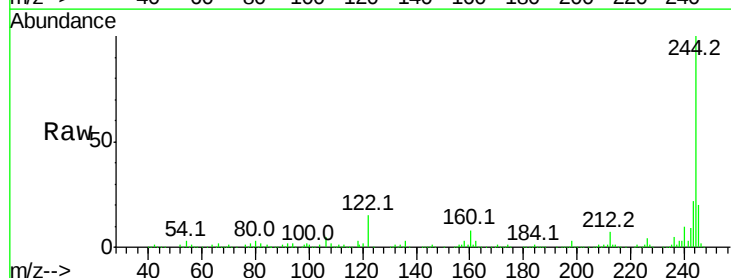
Tgt Ion:244 Resp: 503018

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

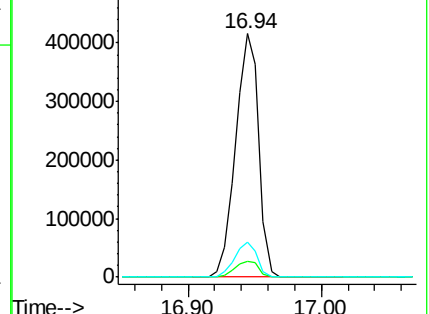
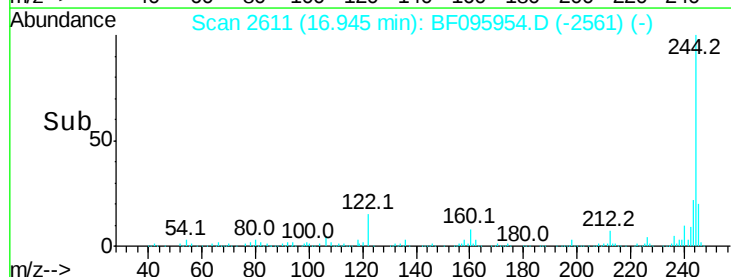
122 14.6 10.3 15.5

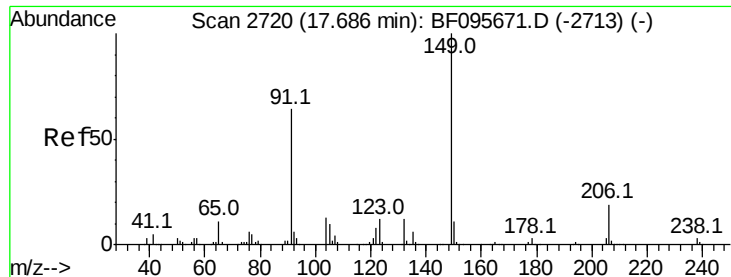


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

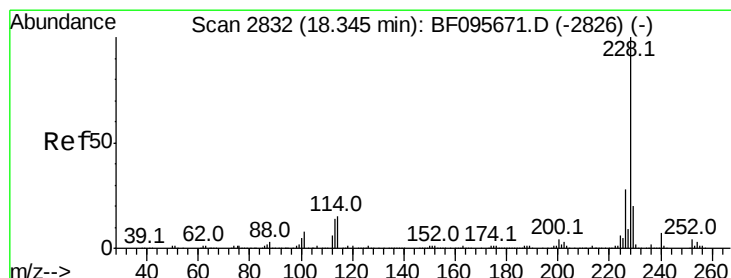
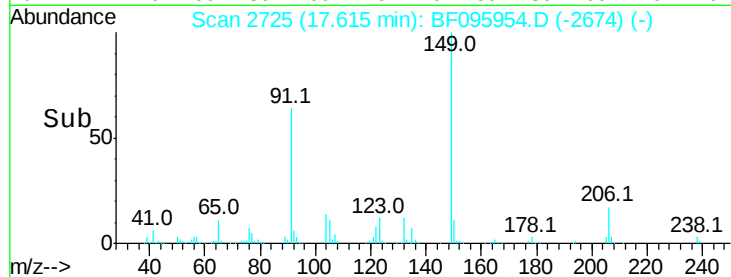
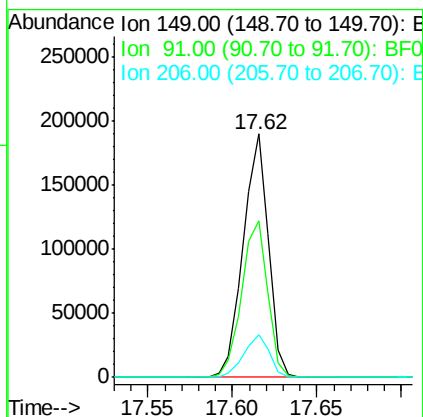
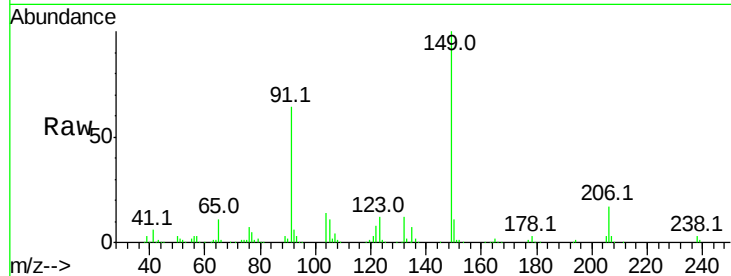




#79
Butylbenzylphthalate
Concen: 42.86 ng
RT: 17.62 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

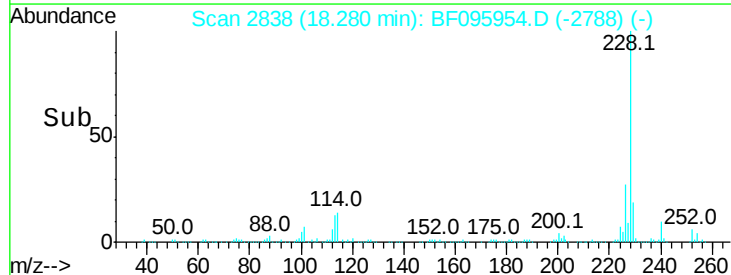
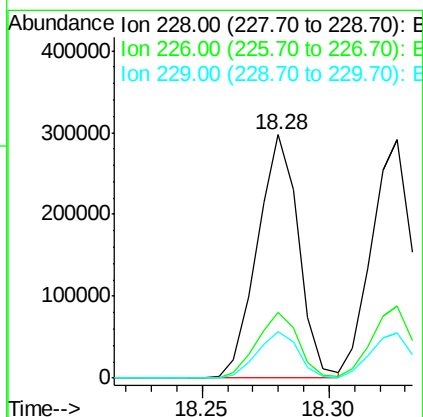
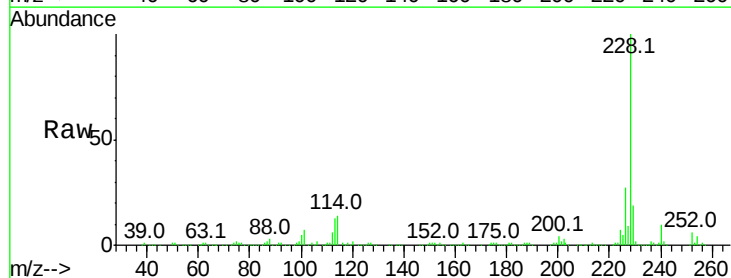
Instrument :
BNA_F
ClientSampleId :

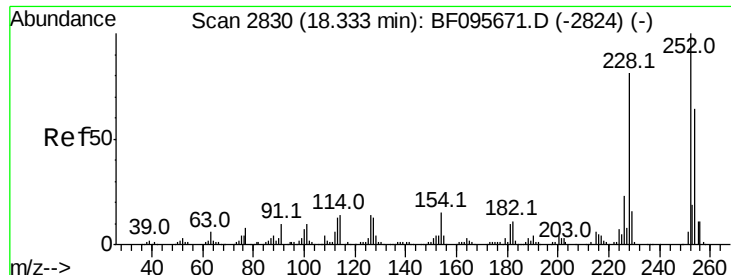
Tot Ion:149 Resp: 197946
Ion Ratio Lower Upper
149 100
91 64.5 45.0 67.4
206 17.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 41.04 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion:228 Resp: 338102
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 18.9 16.3 24.5

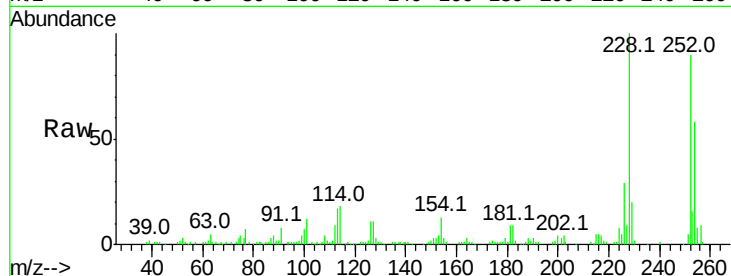




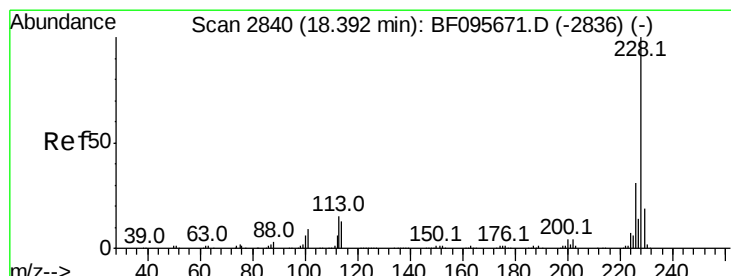
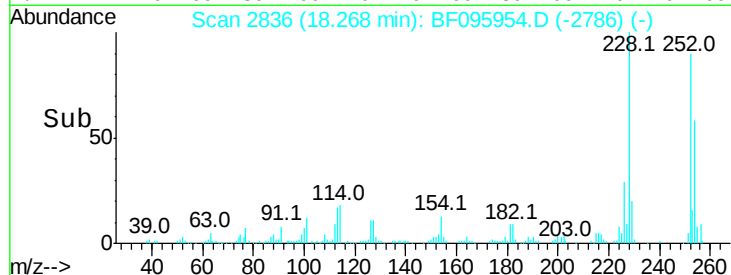
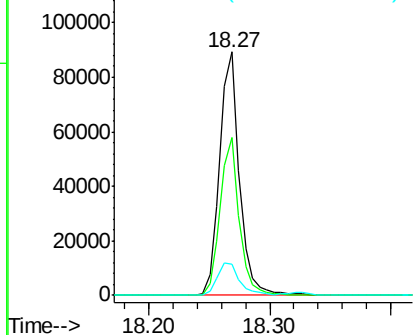
#81
 3,3'-Dichlorobenzidine
 Concen: 34.33 ng
 RT: 18.27 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 100558
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.5 77.3
 126 12.6 15.8 23.8#

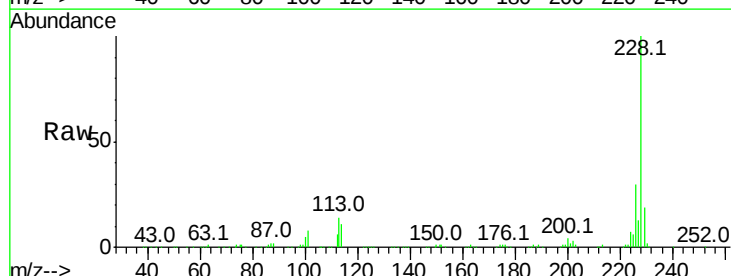


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

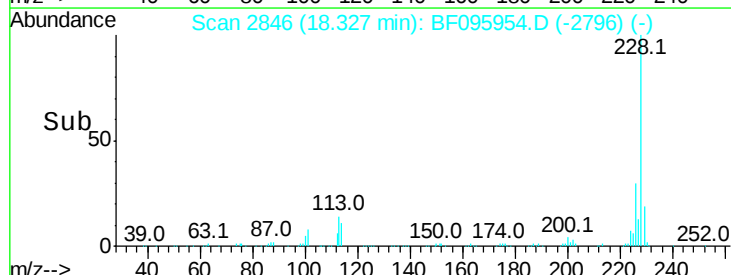
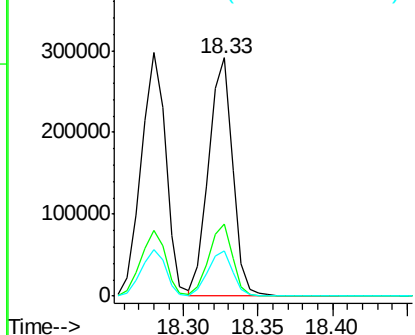


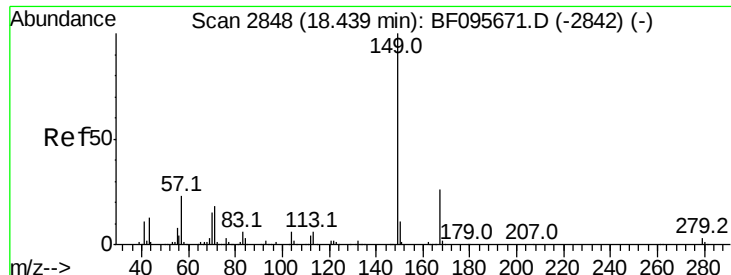
#82
 Chrysene
 Concen: 39.60 ng
 RT: 18.33 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion:228 Resp: 326054
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.2 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

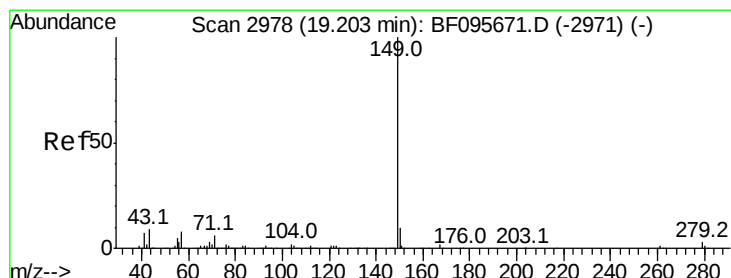
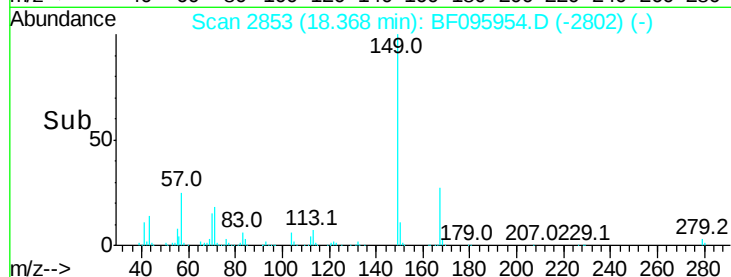
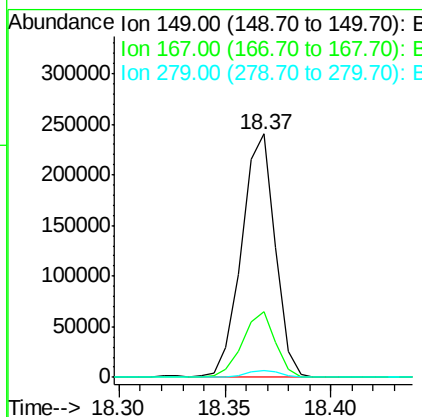
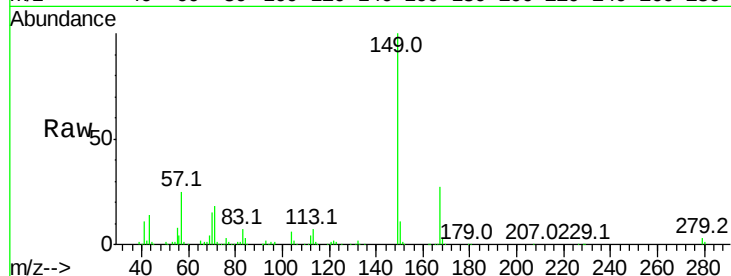




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.51 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

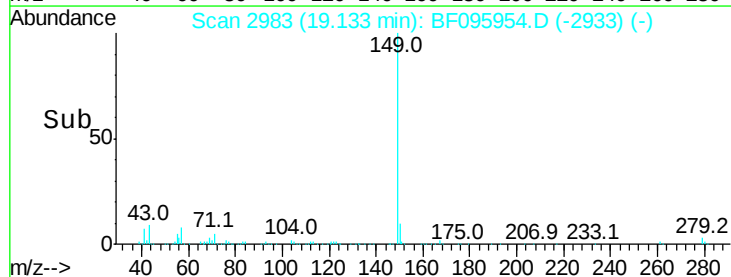
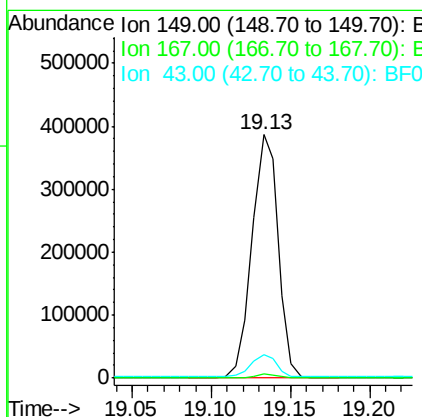
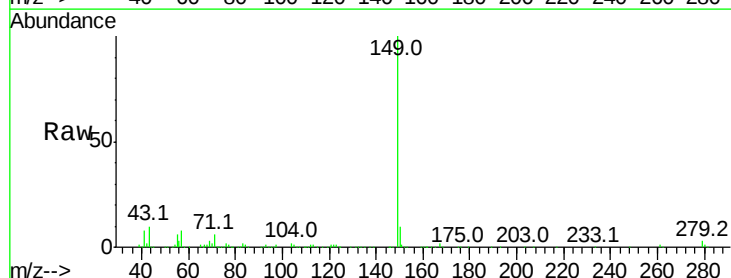
Instrument :
 BNA_F
 ClientSampleId :

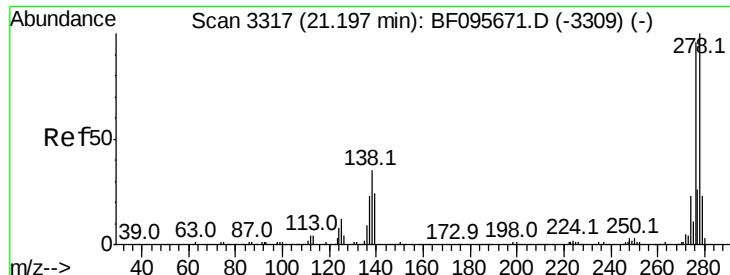
Tot Ion:149 Resp: 263857
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 41.41 ng
 RT: 19.13 min Scan# 2983
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion:149 Resp: 444518
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.3 8.5 12.7

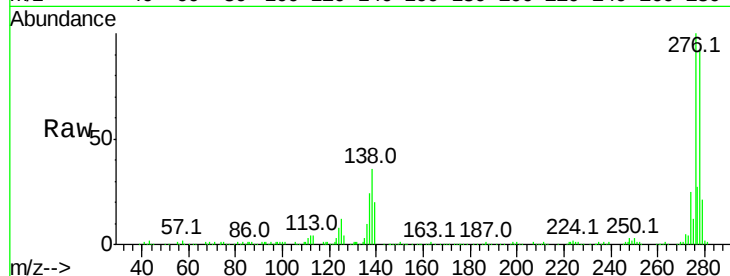




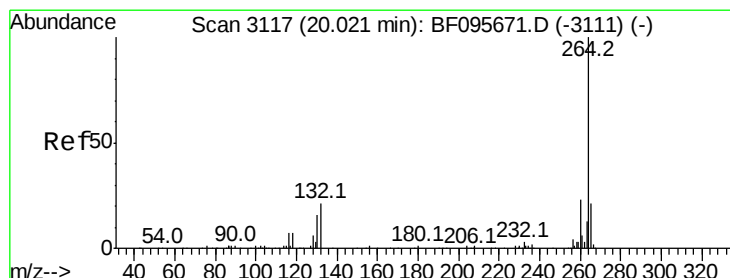
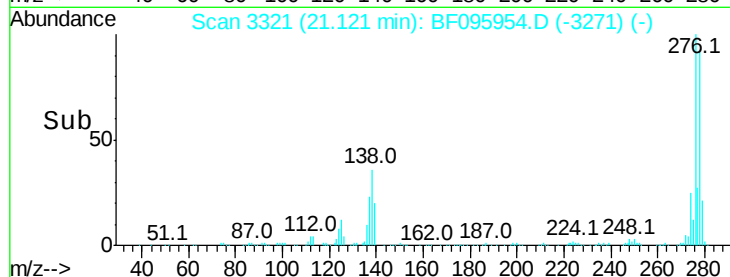
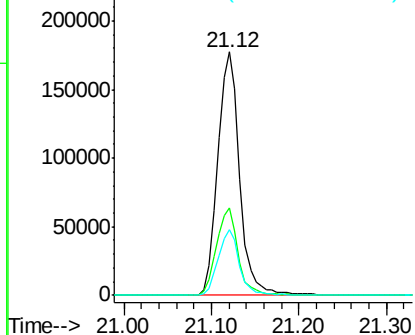
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.45 ng
 RT: 21.12 min Scan# 3321
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	26.2	20.2	30.4

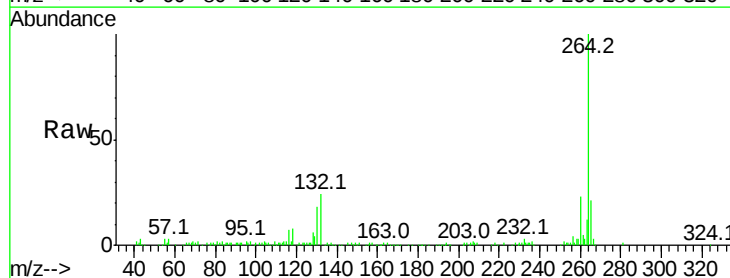


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

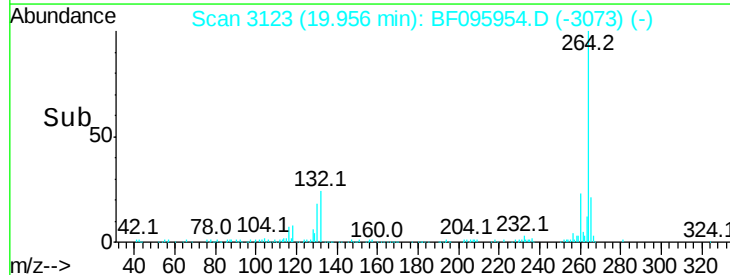
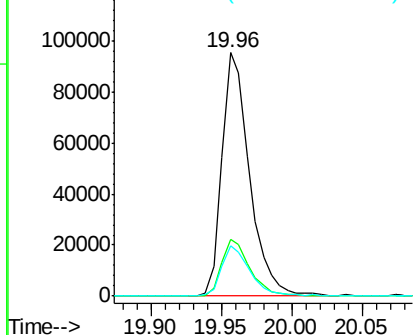


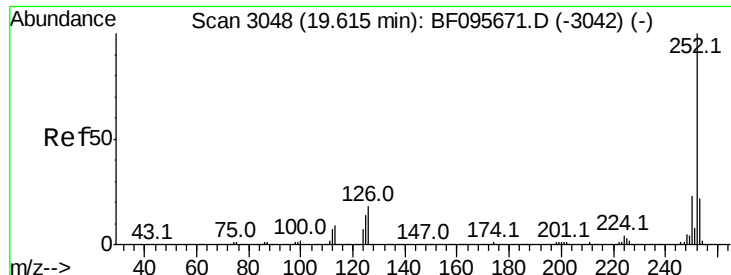
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.5	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 39.94 ng

RT: 19.56 min Scan# 3055

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

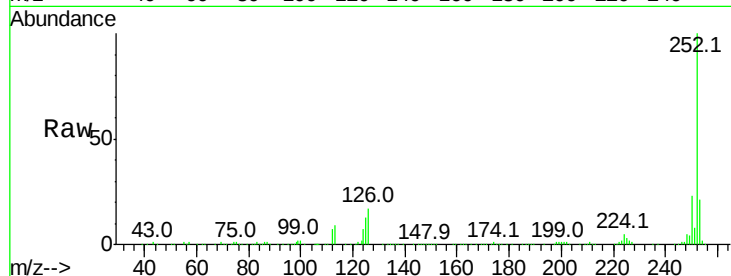
Tot Ion:252 Resp: 325299

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

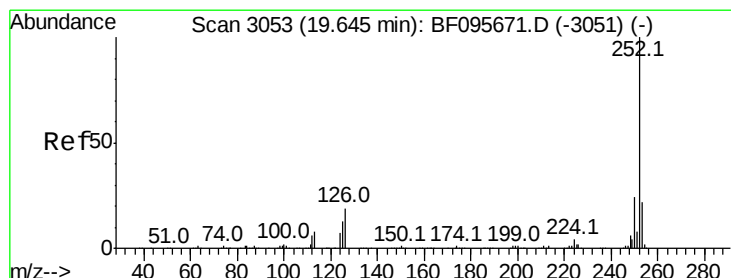
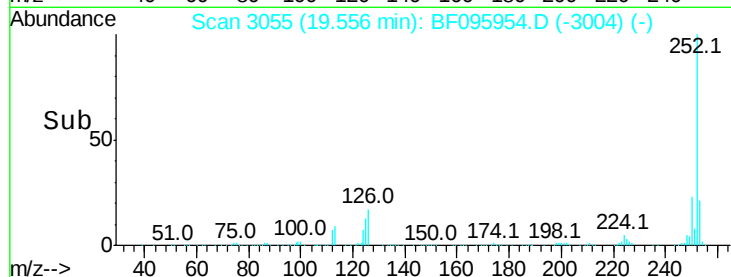
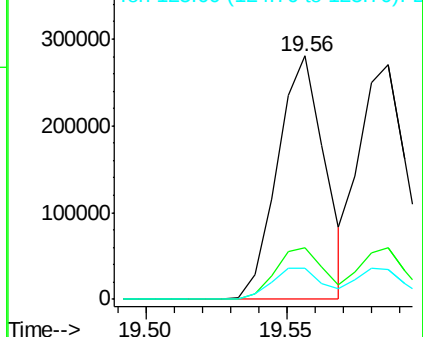
125 12.9 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.00 ng

RT: 19.59 min Scan# 3060

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

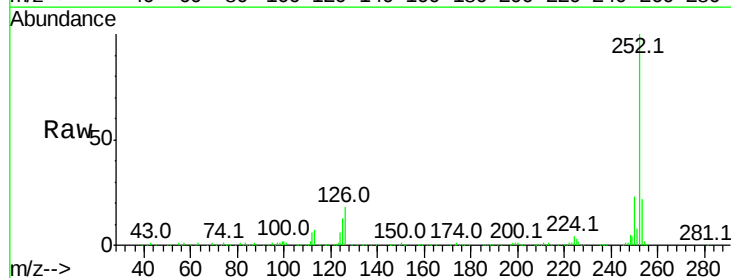
Tgt Ion:252 Resp: 326967

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

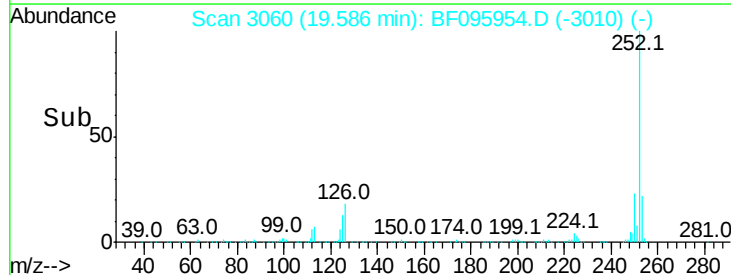
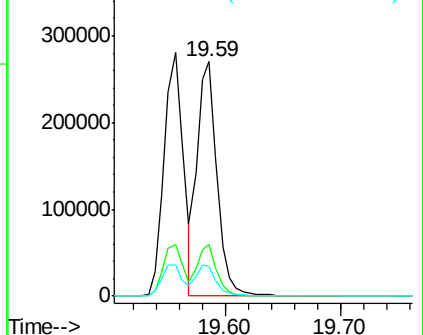
125 12.9 13.1 19.7#

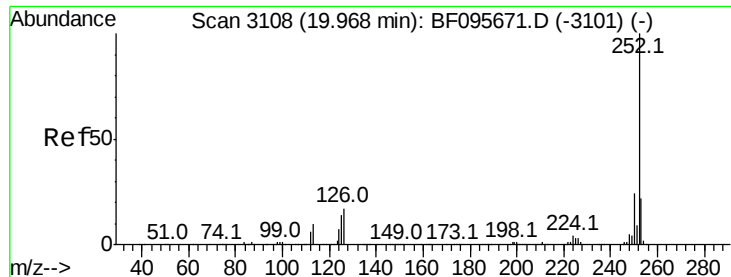


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.91 ng

RT: 19.90 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleId :

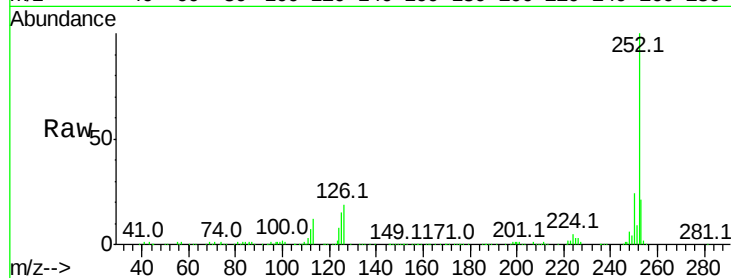
Tot Ion:252 Resp: 321281

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

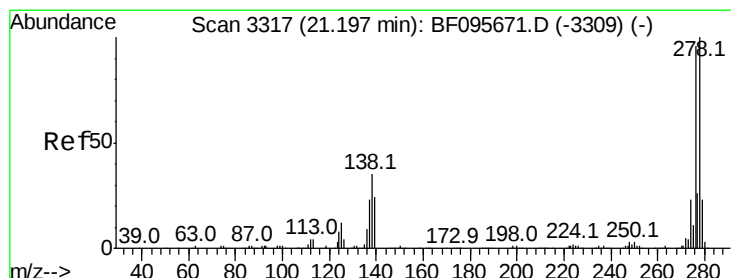
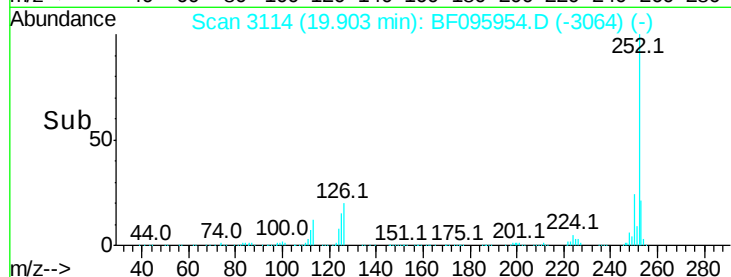
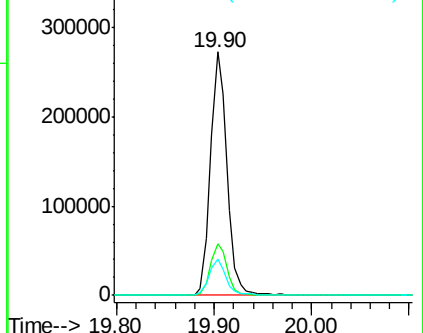
125 14.9 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.29 ng

RT: 21.12 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

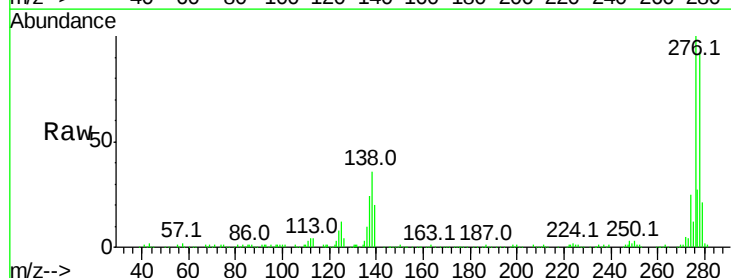
Tgt Ion:278 Resp: 262203

Ion Ratio Lower Upper

278 100

139 22.0 16.6 24.8

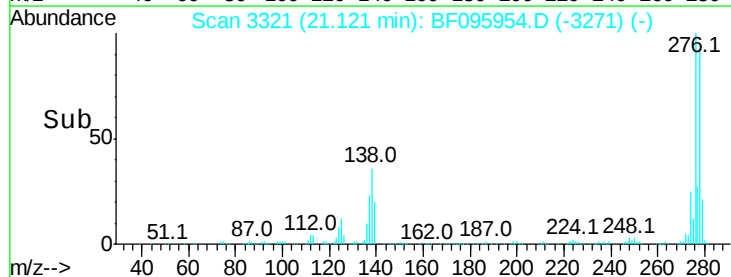
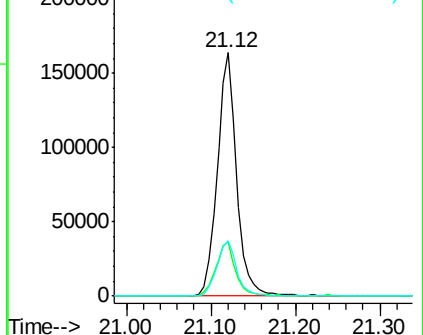
279 22.9 19.3 28.9

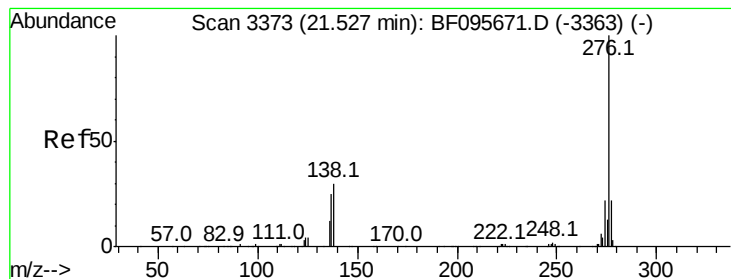


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.89 ng
 RT: 21.44 min Scan# 3376
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	29.6	25.4	38.0

