

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095792.D
 Acq On : 8 Jun 2017 19:58
 Operator : SJ/MA
 Sample : I3541-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 09 01:24:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	64382	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	269754	20.00	ng	-0.04
38) Acenaphthene-d10	12.23	164	125514	20.00	ng	-0.03
63) Phenanthrene-d10	14.62	188	221573	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	167894	20.00	ng	-0.02
86) Perylene-d12	20.00	264	128795	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	598420	148.11	ng	-0.01
7) Phenol-d6	6.94	99	724457	149.77	ng	-0.02
23) Nitrobenzene-d5	8.29	82	426037	98.09	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	148037	133.31	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	821074	91.03	ng	-0.03
78) Terphenyl-d14	16.99	244	663511	98.08	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.76	88	75861	39.47	ng	96
3) Pyridine	2.30	79	203451	45.04	ng	98
4) n-Nitrosodimethylamine	2.28	42	82356	47.95	ng	80
6) Aniline	6.87	93	179114	28.30	ng	95
8) 2-Chlorophenol	7.05	128	219286	51.04	ng	96
9) Benzaldehyde	6.67	77	86663	26.56	ng	99
10) Phenol	6.96	94	278137	55.43	ng	85
11) bis(2-Chloroethyl)ether	7.02	93	193910	48.78	ng	97
12) 1,3-Dichlorobenzene	7.27	146	229045	47.10	ng	96
13) 1,4-Dichlorobenzene	7.39	146	232687	47.19	ng	97
14) 1,2-Dichlorobenzene	7.63	146	220502	48.51	ng	97
15) Benzyl Alcohol	7.67	79	175501	52.86	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.87	45	272563	48.81	ng	96
17) 2-Methylphenol	7.90	107	181164	50.25	ng	95
18) Hexachloroethane	8.15	117	77867	47.81	ng	# 86
19) n-Nitroso-di-n-propylamine	8.10	70	152200	49.65	ng	94
20) 3+4-Methylphenols	8.16	107	239256	52.28	ng	# 60
22) Acetophenone	8.06	105	305750	48.43	ng	# 85
24) Nitrobenzene	8.32	77	215363	46.42	ng	95
25) Isophorone	8.72	82	384246	47.38	ng	95
26) 2-Nitrophenol	8.83	139	119255	49.08	ng	98
27) 2,4-Dimethylphenol	8.98	122	189699	50.31	ng	98
28) bis(2-Chloroethoxy)methane	9.10	93	254409	47.59	ng	98
29) 2,4-Dichlorophenol	9.25	162	184337	50.76	ng	98
30) 1,2,4-Trichlorobenzene	9.33	180	181733	48.10	ng	98
31) Naphthalene	9.43	128	631616	46.65	ng	99
32) Benzoic acid	9.33	122	1388	5.64	ng	# 1
33) 4-Chloroaniline	9.59	127	111559	21.08	ng	# 91
34) Hexachlorobutadiene	9.66	225	88980	45.57	ng	97
35) Caprolactam	10.29	113	18541	17.16	ng	92
36) 4-Chloro-3-methylphenol	10.46	107	194072	51.05	ng	90
37) 2-Methylnaphthalene	10.56	142	434549	47.51	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	169991	45.25	ng	99
40) Hexachlorocyclopentadiene	10.82	237	85813	73.88	ng	99

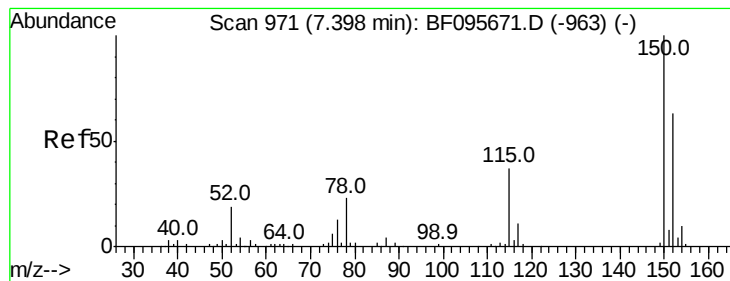
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095792.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	109679	45.41	nq	99
43) 2,4,5-Trichlorophenol	11.16	196	118058	45.96	nq #	92
45) 1,1'-Biphenyl	11.33	154	483225	46.71	nq	97
46) 2-Chloronaphthalene	11.35	162	372757	46.12	nq	96
47) 2-Nitroaniline	11.56	65	111094	46.97	nq #	85
48) Acenaphthylene	12.00	152	591268	42.78	nq	98
49) Dimethylphthalate	11.89	163	614505	64.48	nq	99
50) 2,6-Dinitrotoluene	11.99	165	98477	47.38	nq #	84
51) Acenaphthene	12.28	154	351639	44.05	nq	99
52) 3-Nitroaniline	12.24	138	78849	32.56	nq	89
53) 2,4-Dinitrophenol	12.49	184	10038	14.31	nq #	78
54) Dibenzofuran	12.57	168	546488	48.64	nq	96
55) 4-Nitrophenol	12.64	139	104297	74.12	nq #	66
56) 2,4-Dinitrotoluene	12.65	165	136228	48.52	nq #	91
57) Fluorene	13.12	166	430643	44.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	83235	47.35	nq #	94
59) Diethylphthalate	13.04	149	426555	46.51	nq	99
60) 4-Chlorophenyl-phenylether	13.15	204	189811	44.64	nq	87
61) 4-Nitroaniline	13.24	138	106919	47.28	nq	94
62) Azobenzene	13.40	77	395761	47.61	nq	95
64) 4,6-Dinitro-2-methylphenol	13.32	198	37096	25.47	nq #	73
65) n-Nitrosodiphenylamine	13.36	169	376207	47.25	nq	98
66) 4-Bromophenyl-phenylether	13.93	248	108144	46.96	nq	99
67) Hexachlorobenzene	14.02	284	105911	46.67	nq #	92
68) Atrazine	14.29	200	109652	49.49	nq	97
69) Pentachlorophenol	14.37	266	59919	70.50	nq	93
70) Phenanthrene	14.66	178	608014	47.56	nq	98
71) Anthracene	14.74	178	616534	46.19	nq	98
72) Carbazole	15.04	167	584086	44.91	nq	98
73) Di-n-butylphthalate	15.63	149	666720	48.18	nq #	98
74) Fluoranthene	16.43	202	609667	48.18	nq	98
76) Benzidine	16.66	184	228710	35.47	nq #	92
77) Pyrene	16.74	202	620920	49.56	nq	99
79) Butylbenzylphthalate	17.66	149	276955	50.62	nq	88
80) Benzo(a)anthracene	18.33	228	464092	47.54	nq	99
81) 3,3'-Dichlorobenzidine	18.31	252	111042	32.00	nq #	97
82) Chrysene	18.37	228	448193	45.94	nq	99
83) Bis(2-ethylhexyl)phthalate	18.42	149	385568	49.96	nq #	99
84) Di-n-octyl phthalate	19.18	149	600278	47.20	nq	96
85) Indeno(1,2,3-cd)pyrene	21.17	276	355110	42.55	nq	100
87) Benzo(b)fluoranthene	19.60	252	377502	46.81	nq	98
88) Benzo(k)fluoranthene	19.63	252	365179	47.37	nq #	95
89) Benzo(a)pyrene	19.94	252	347019	46.82	nq	99
90) Dibenzo(a,h)anthracene	21.17	278	291962	46.43	nq	99
91) Benzo(g,h,i)perylene	21.50	276	305657	47.68	nq	98

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

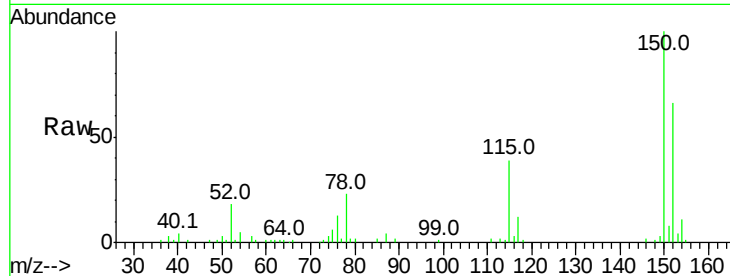


#1

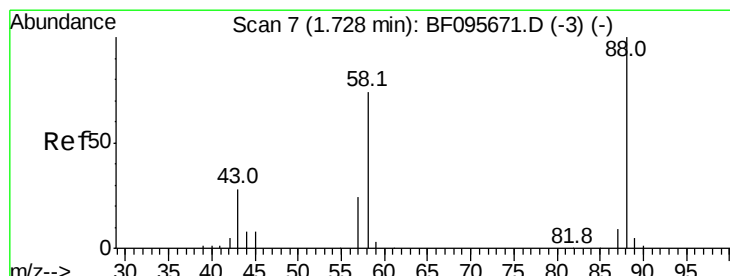
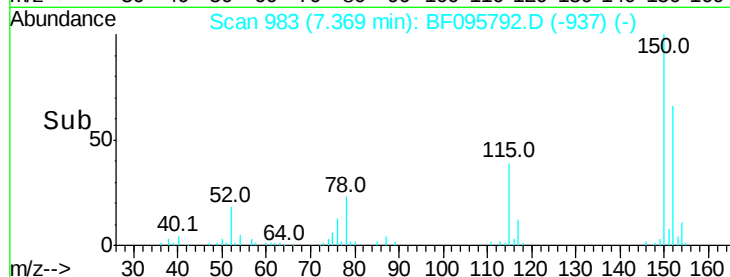
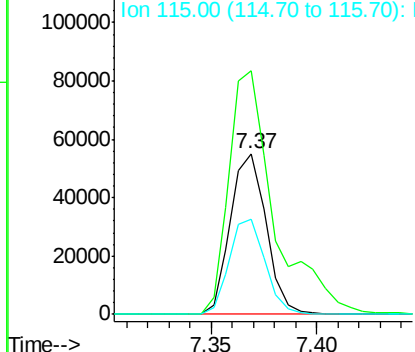
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 64382
Ion Ratio Lower Upper
152 100
150 151.8 126.2 189.2
115 59.6 52.2 78.2



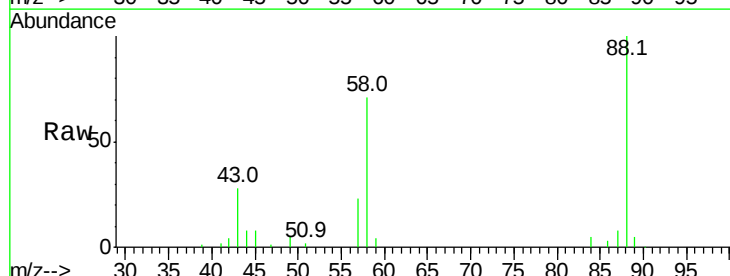
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



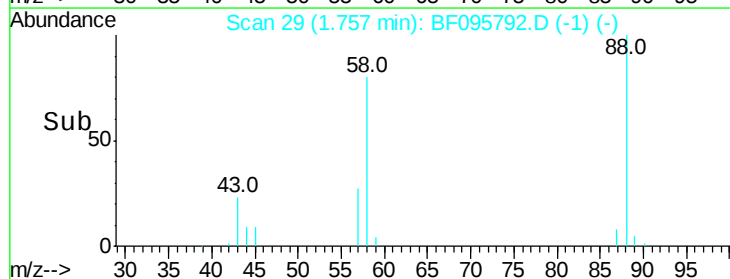
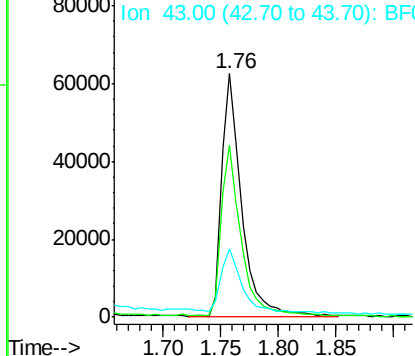
#2

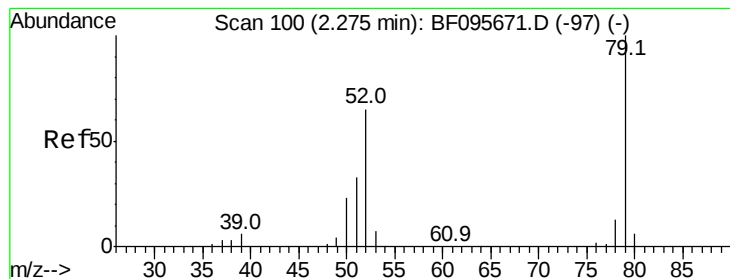
1,4-Dioxane
Concen: 39.47 ng
RT: 1.76 min Scan# 29
Delta R.T. 0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion: 88 Resp: 75861
Ion Ratio Lower Upper
88 100
58 72.4 61.4 92.0
43 29.6 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: 45.04 ng

RT: 2.30 min Scan# 121

Delta R.T. 0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

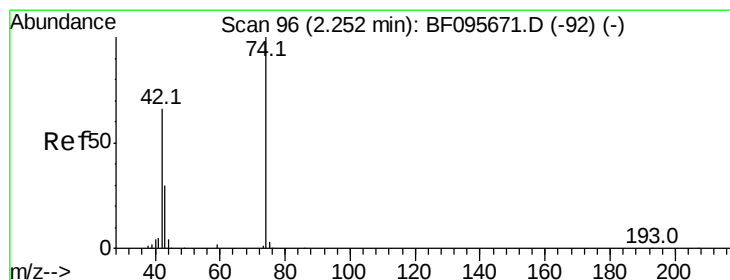
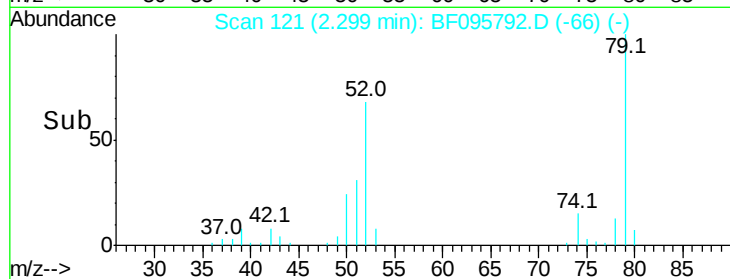
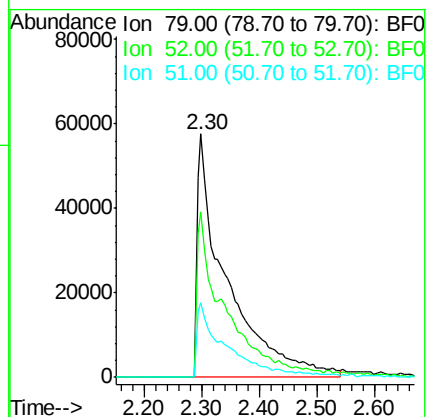
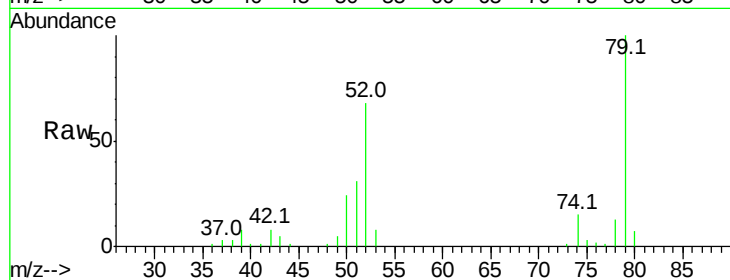
Tot Ion: 79 Resp: 203451

Ion Ratio Lower Upper

79 100

52 68.0 54.8 82.2

51 30.8 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 47.95 ng

RT: 2.28 min Scan# 117

Delta R.T. 0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

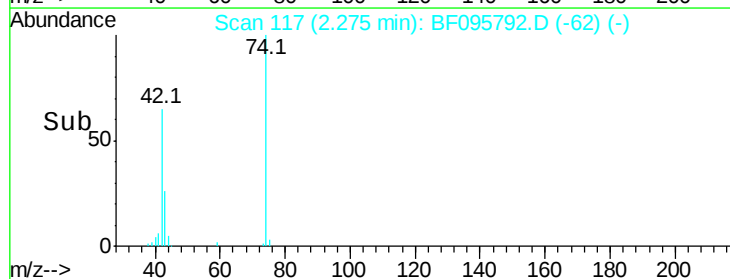
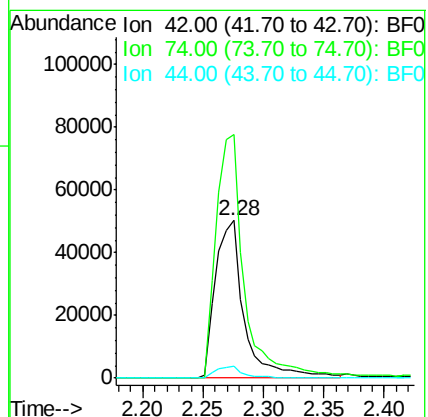
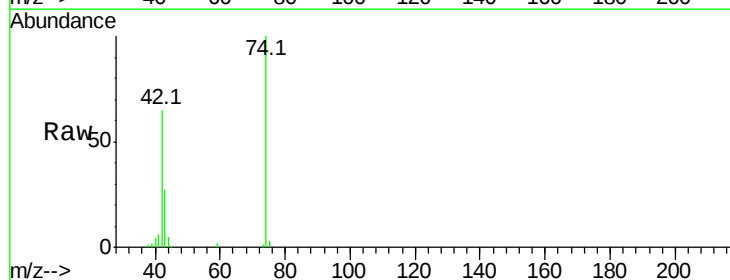
Tgt Ion: 42 Resp: 82356

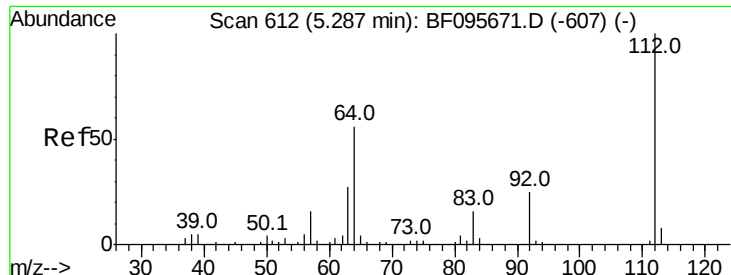
Ion Ratio Lower Upper

42 100

74 154.6 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 148.11 ng

RT: 5.27 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampled :

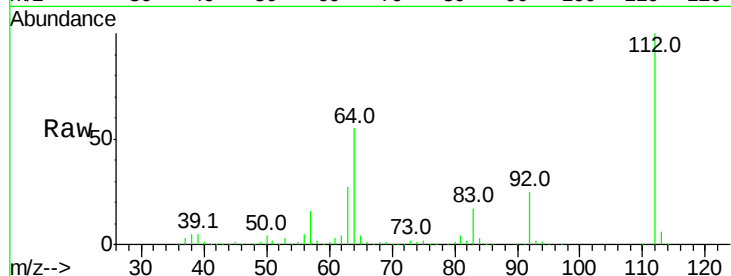
Tot Ion:112 Resp: 598420

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

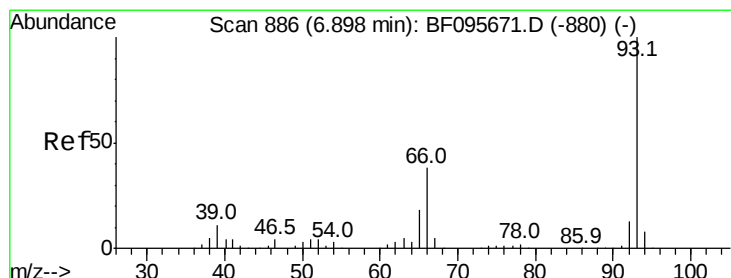
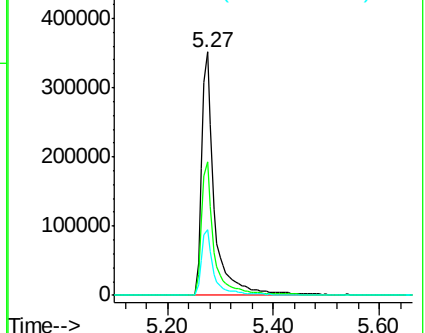
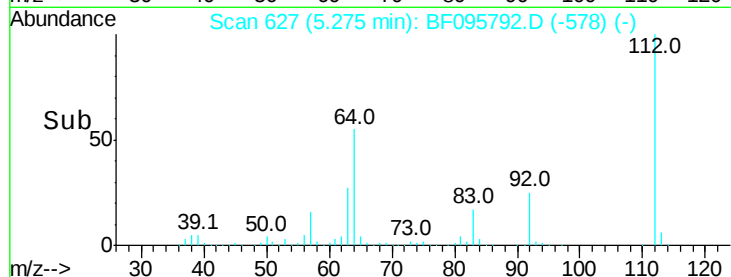
63 26.9 23.4 35.0



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: 28.30 ng

RT: 6.87 min Scan# 898

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

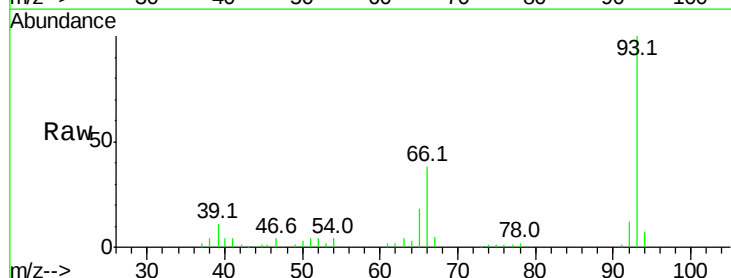
Tgt Ion: 93 Resp: 179114

Ion Ratio Lower Upper

93 100

66 37.7 32.9 49.3

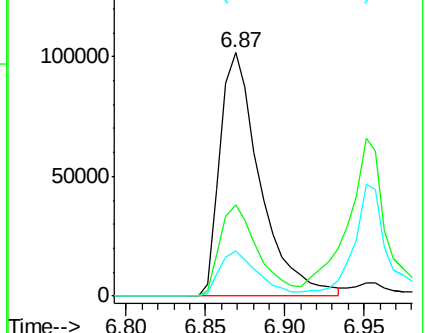
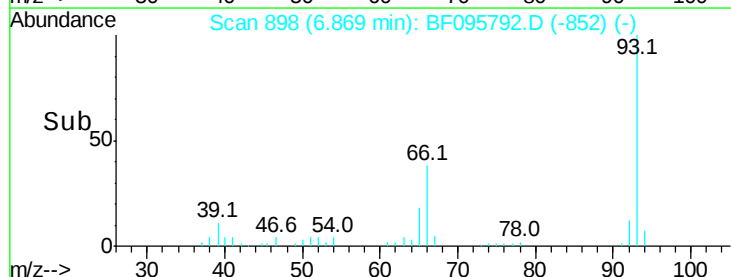
65 18.3 16.0 24.0

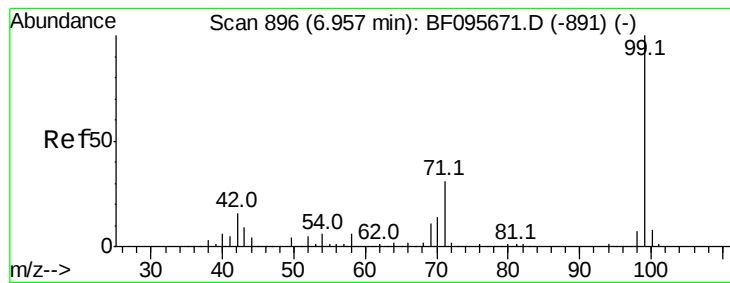


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 149.77 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

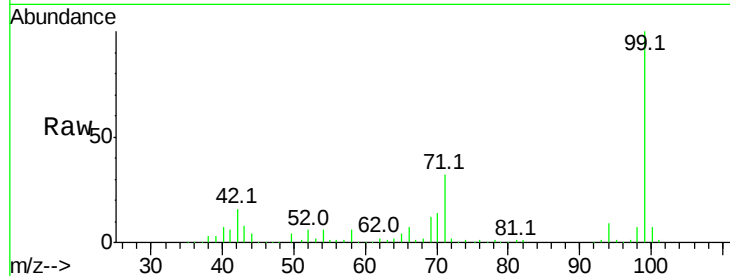
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 724457

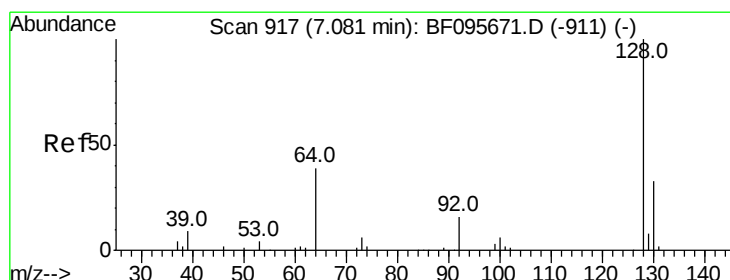
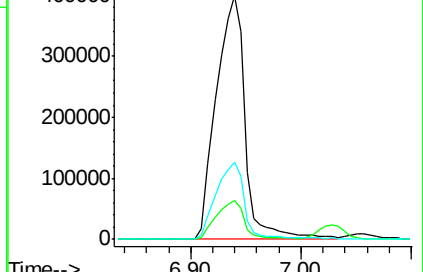
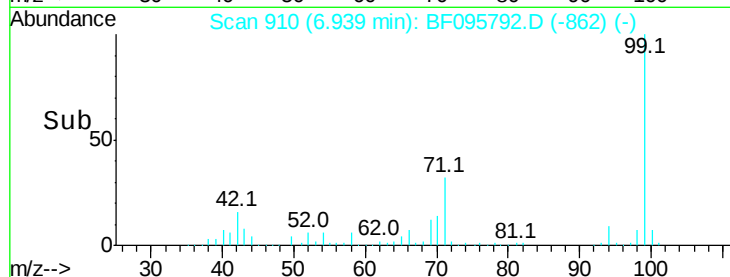
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	31.8	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.04 ng

RT: 7.05 min Scan# 929

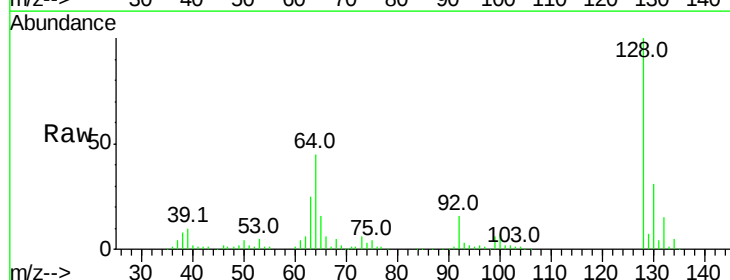
Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion:128 Resp: 219286

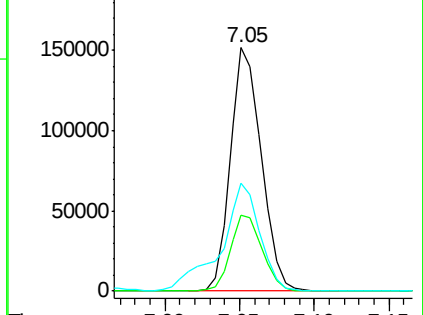
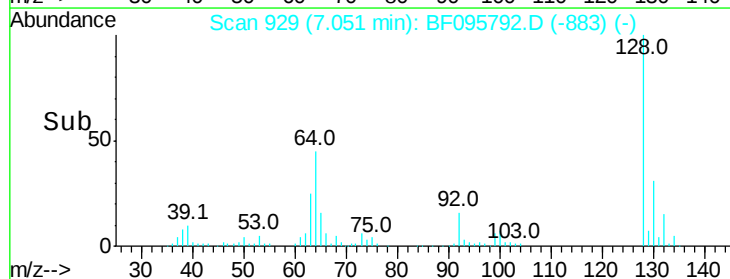
Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.9	52.9
64	44.5	28.4	68.4

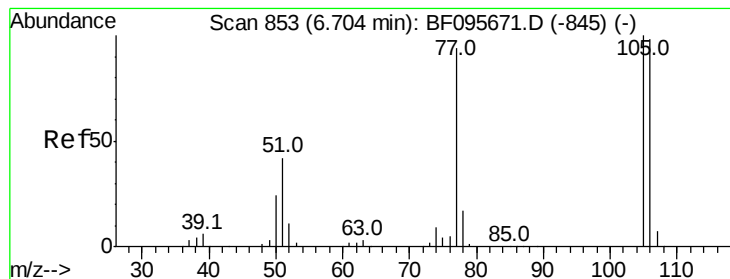


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.56 ng

RT: 6.67 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

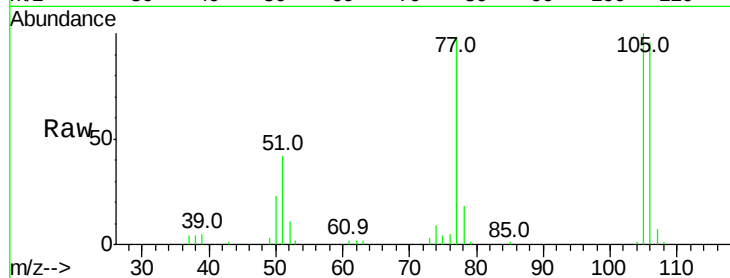
Tot Ion: 77 Resp: 86663

Ion Ratio Lower Upper

77 100

105 102.2 83.8 123.8

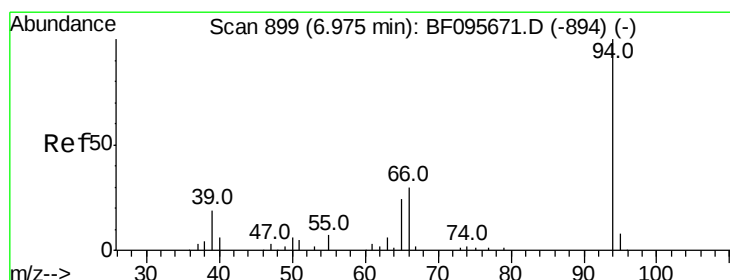
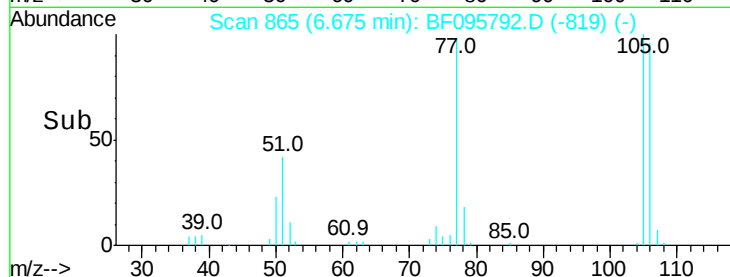
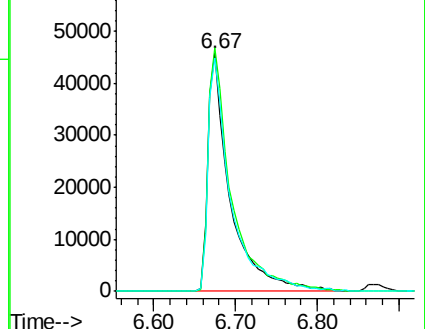
106 97.9 79.1 119.1



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: 55.43 ng

RT: 6.96 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

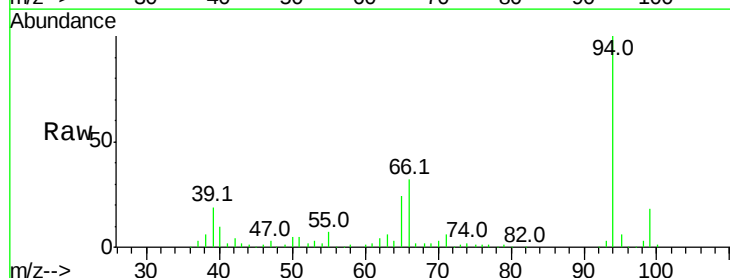
Tgt Ion: 94 Resp: 278137

Ion Ratio Lower Upper

94 100

65 23.8 9.9 49.9

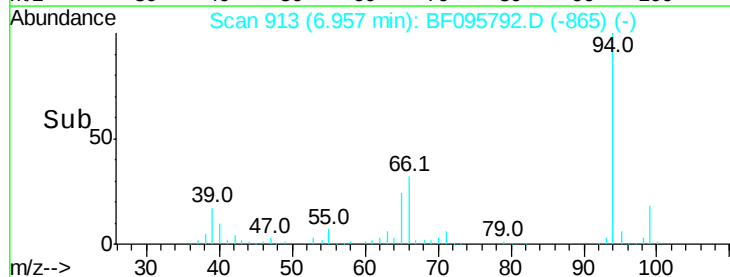
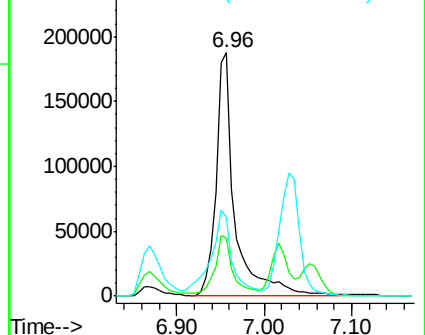
66 32.4 23.1 63.1

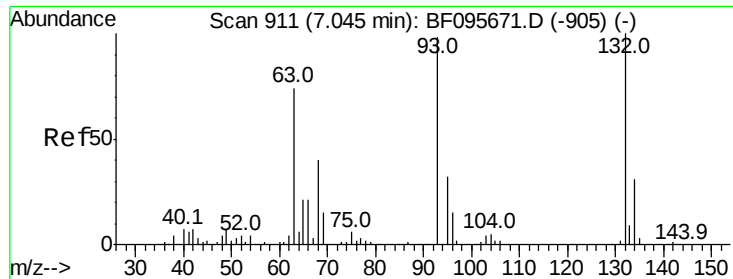


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

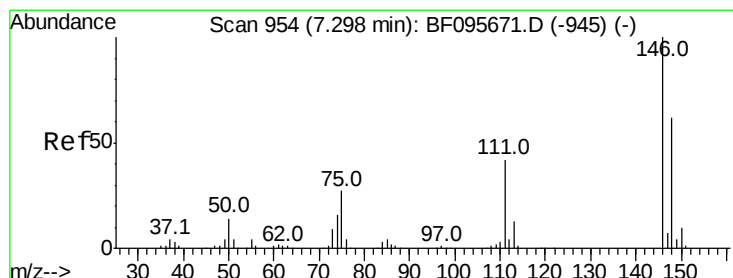
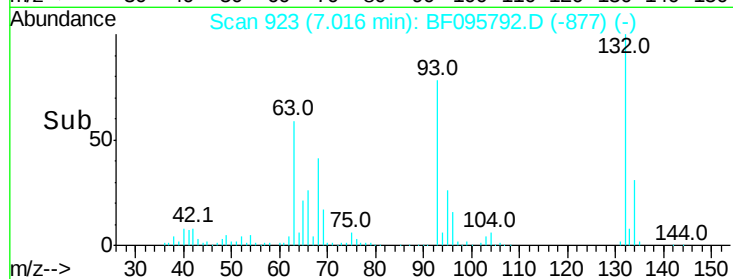
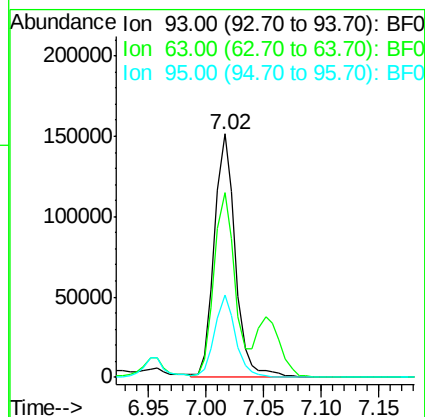
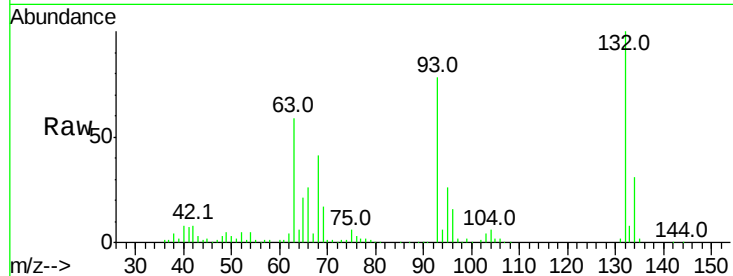




#11
 bis(2-Chloroethyl)ether
 Concen: 48.78 ng
 RT: 7.02 min Scan# 923
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

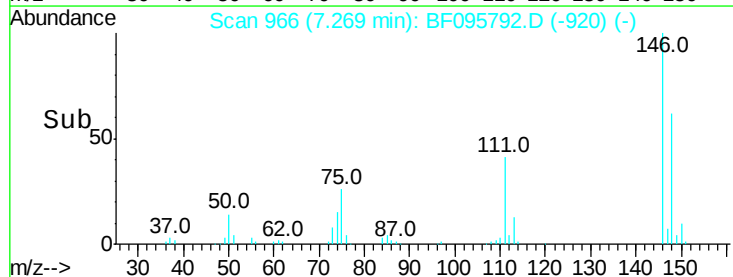
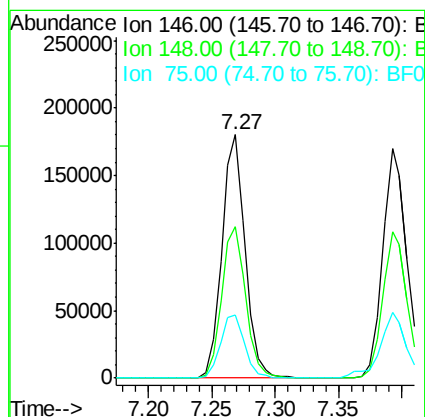
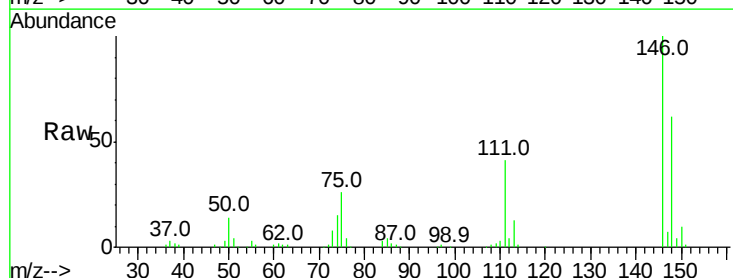
Instrument :
 BNA_F
 ClientSampled :

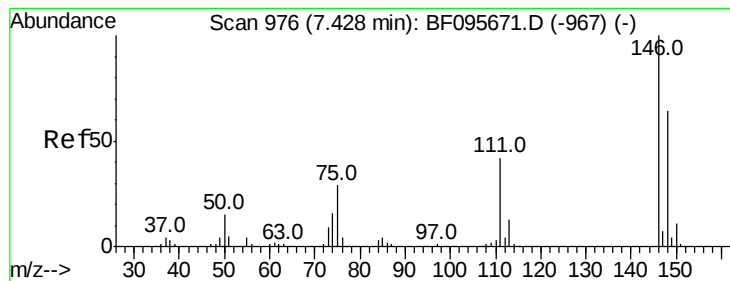
Tot Ion: 93 Resp: 193910
 Ion Ratio Lower Upper
 93 100
 63 75.9 59.2 99.2
 95 33.6 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 47.10 ng
 RT: 7.27 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion: 146 Resp: 229045
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.8 77.6
 75 26.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 47.19 ng

RT: 7.39 min Scan# 987

Delta R.T. -0.04 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampled :

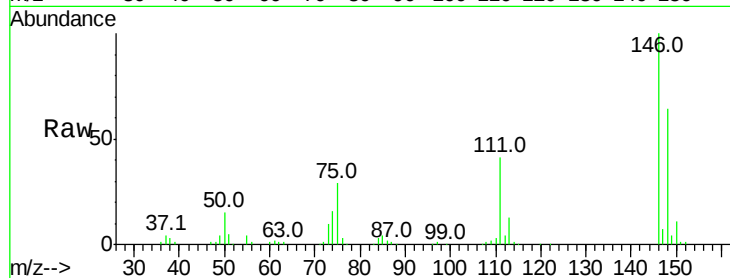
Tot Ion:146 Resp: 232687

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.2

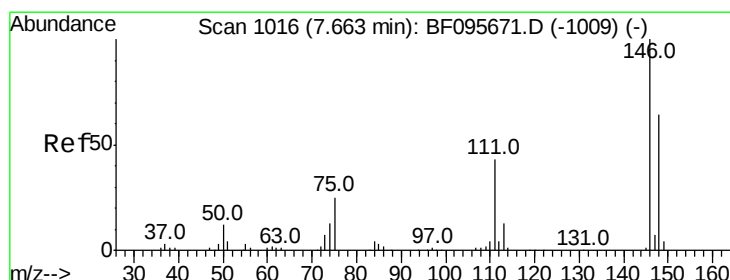
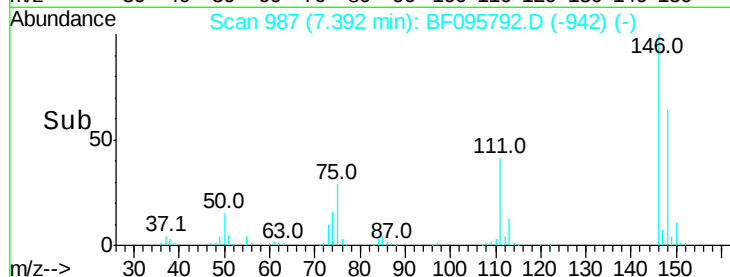
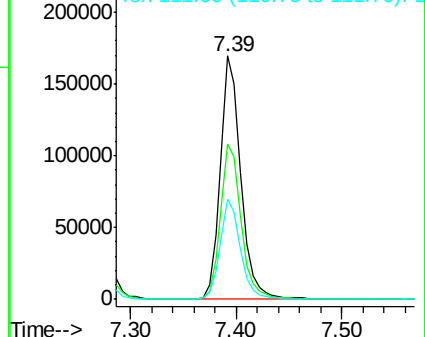
111 41.3 30.3 45.5



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: 48.51 ng

RT: 7.63 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

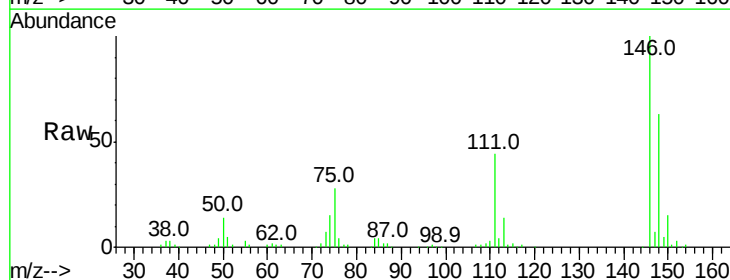
Tgt Ion:146 Resp: 220502

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

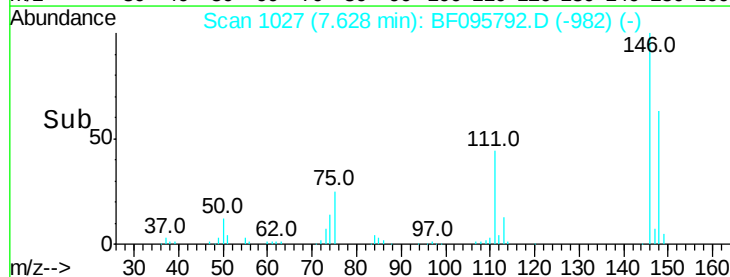
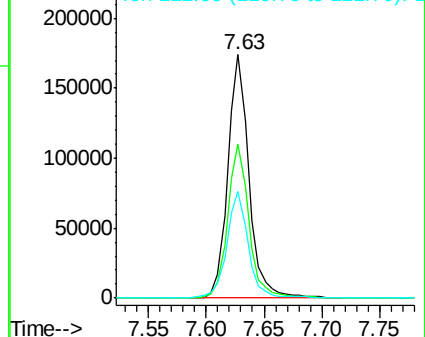
111 43.9 38.2 57.4

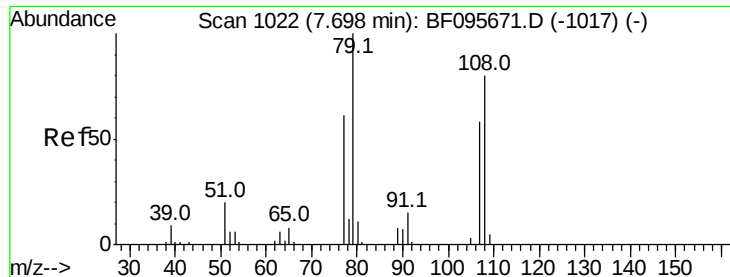


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.86 ng

RT: 7.67 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampled :

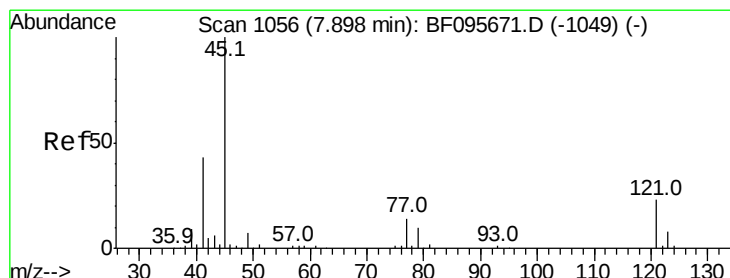
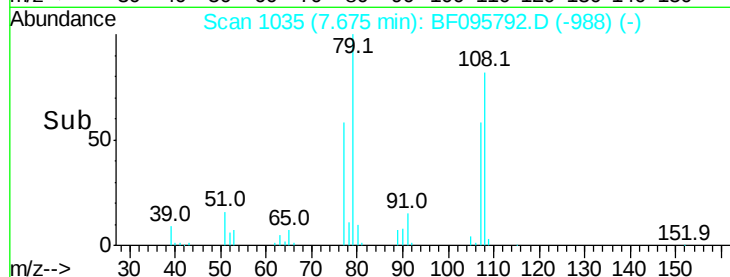
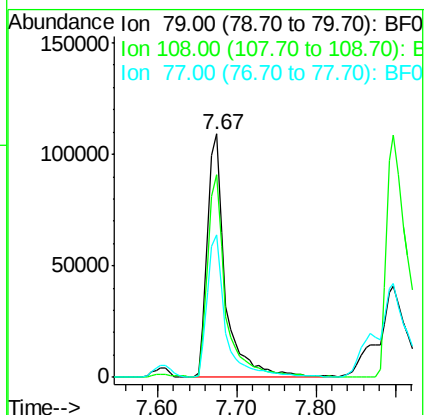
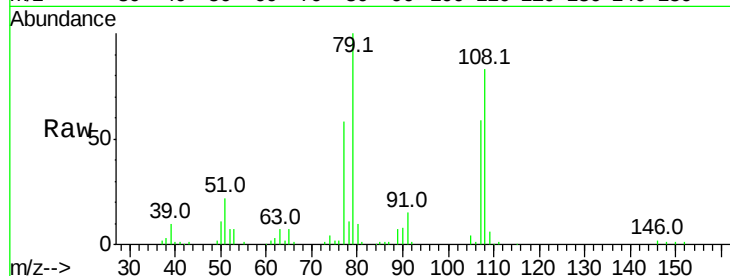
Tot Ion: 79 Resp: 175501

Ion Ratio Lower Upper

79 100

108 83.0 63.4 95.0

77 58.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.81 ng

RT: 7.87 min Scan# 1068

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

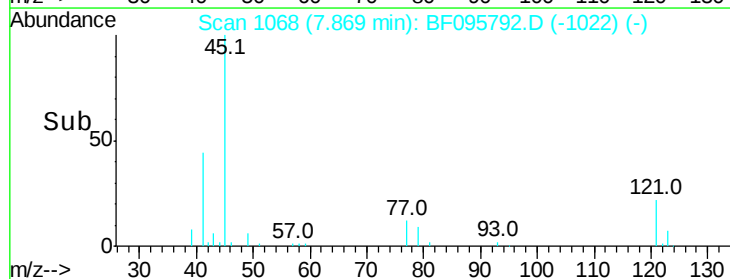
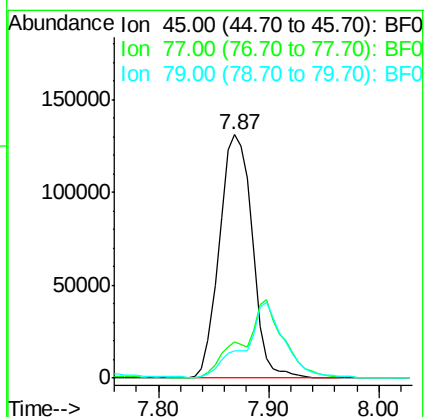
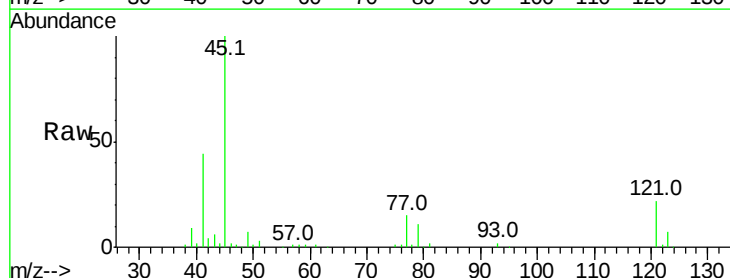
Tgt Ion: 45 Resp: 272563

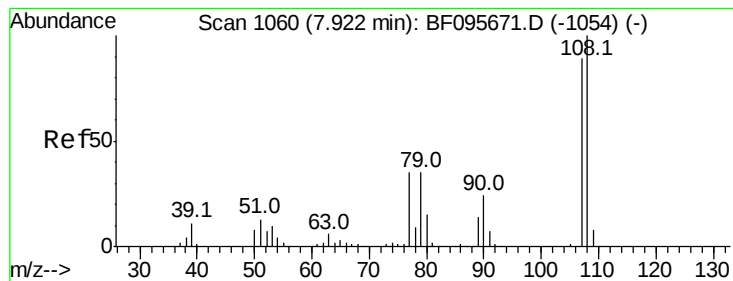
Ion Ratio Lower Upper

45 100

77 14.8 0.0 33.2

79 11.1 0.0 30.0

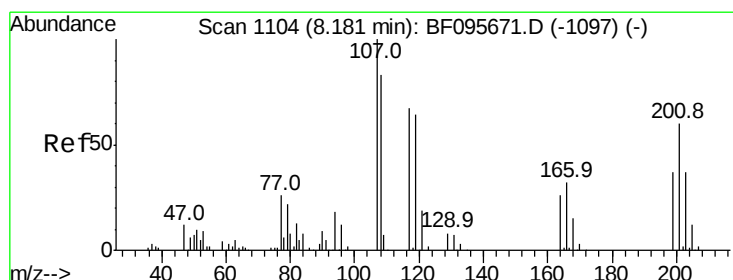
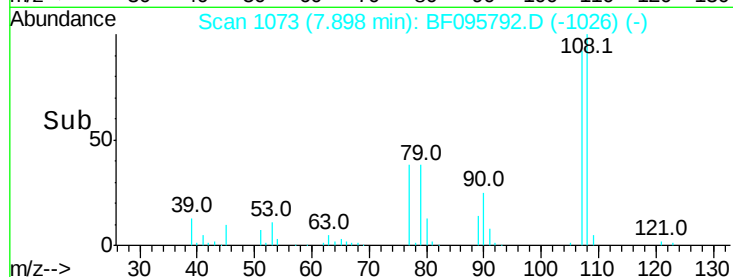
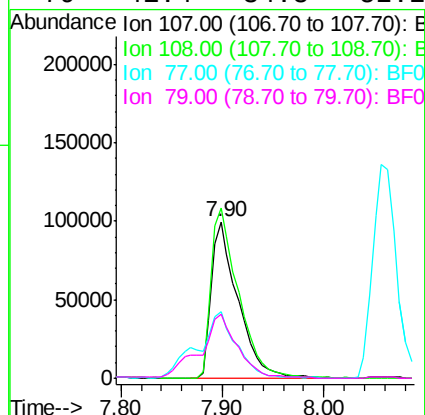
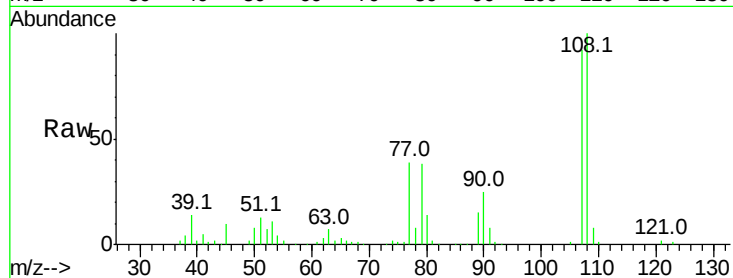




#17
2-Methylphenol
Concen: 50.25 ng
RT: 7.90 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

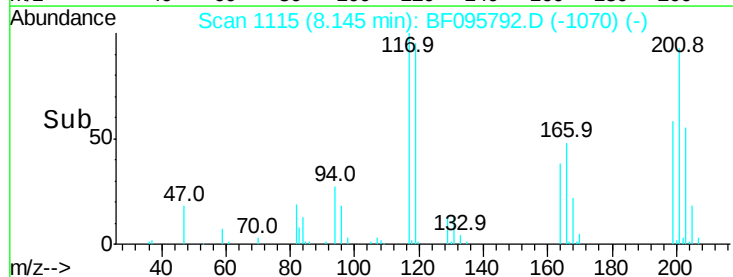
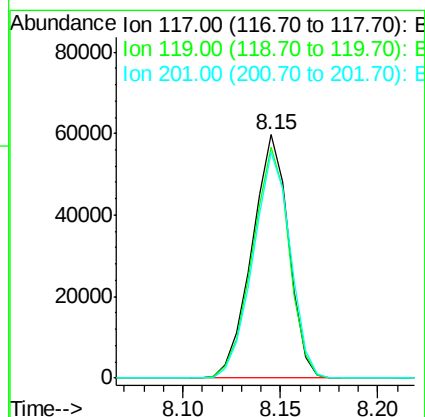
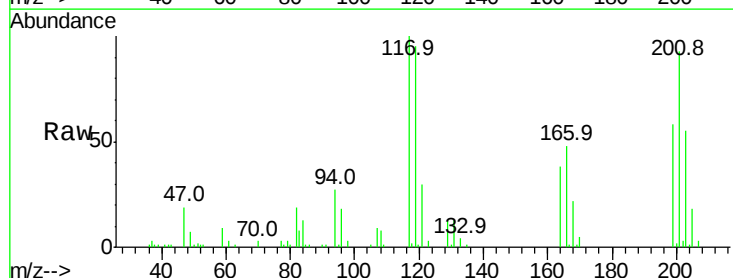
Instrument :
BNA_F
ClientSampleId :

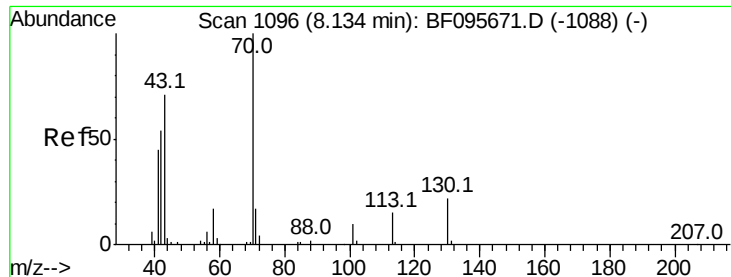
Tot Ion:107 Resp: 181164
Ion Ratio Lower Upper
107 100
108 108.9 93.4 140.0
77 42.5 35.8 53.6
79 41.4 34.8 52.2



#18
Hexachloroethane
Concen: 47.81 ng
RT: 8.15 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:117 Resp: 77867
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
201 92.9 94.6 141.8#

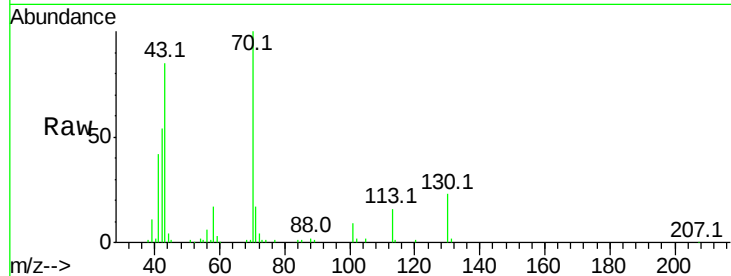




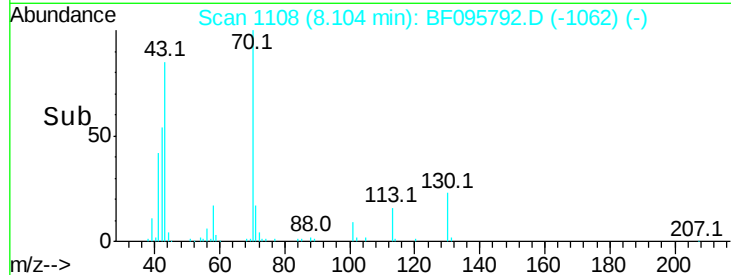
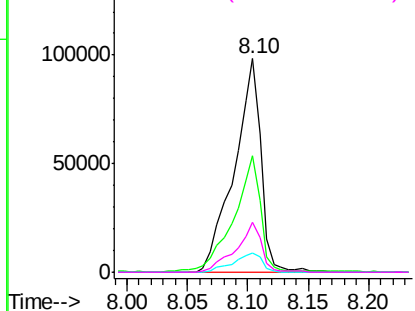
#19
n-Nitroso-di-n-propylamine
Concen: 49.65 ng
RT: 8.10 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 152200
Ion Ratio Lower Upper
70 100
42 54.4 47.2 70.8
101 9.1 7.2 10.8
130 23.3 15.9 23.9

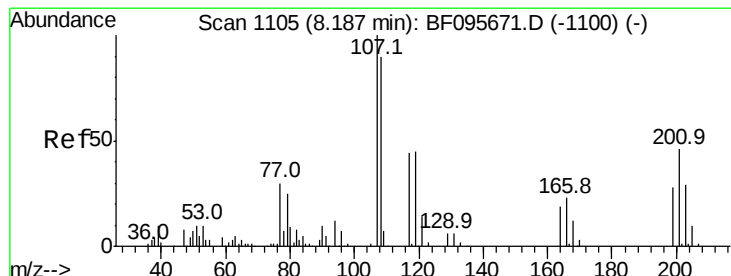


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

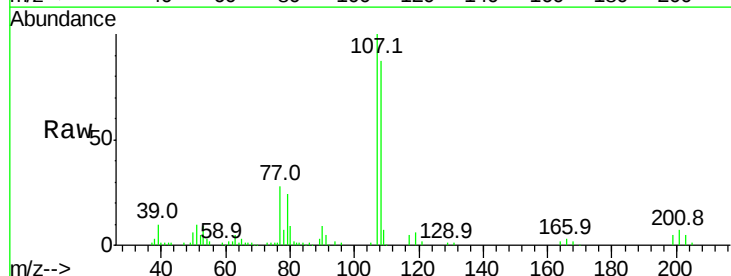
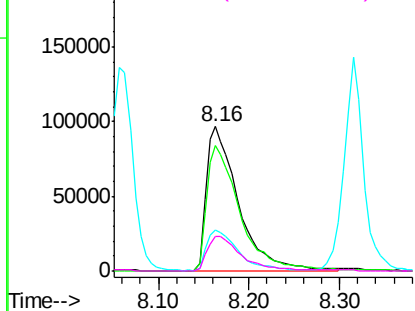


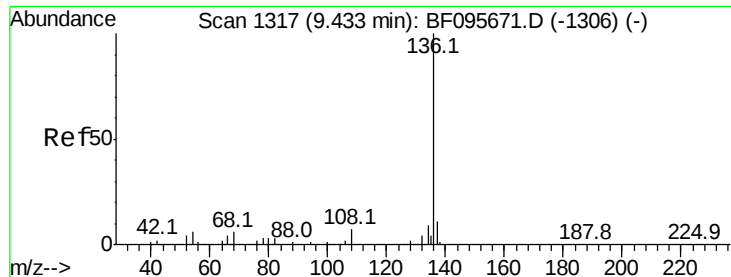
#20
3+4-Methylphenols
Concen: 52.28 ng
RT: 8.16 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:107 Resp: 239256
Ion Ratio Lower Upper
107 100
108 87.0 71.0 111.0
77 28.0 90.5 130.5#
79 24.0 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 269754

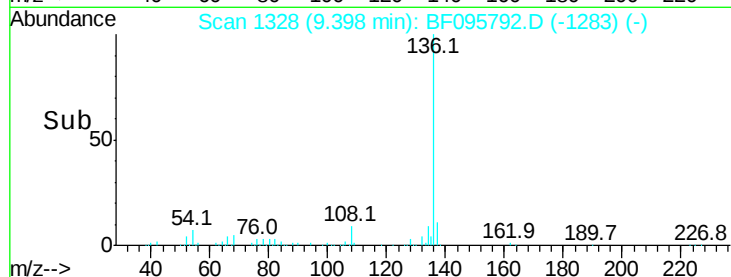
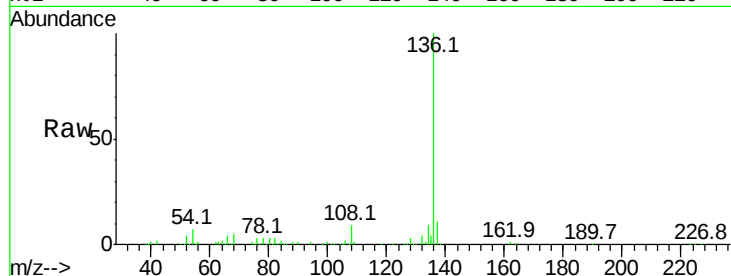
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.2 4.9 7.3

68 5.5 4.1 6.1

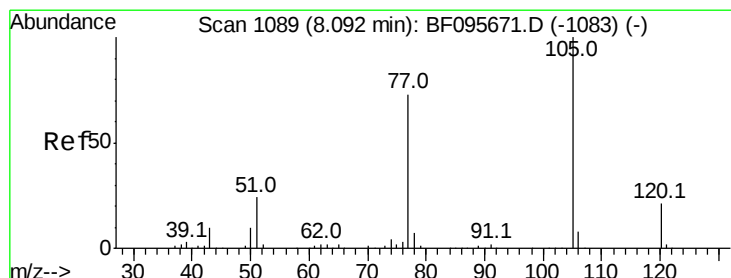
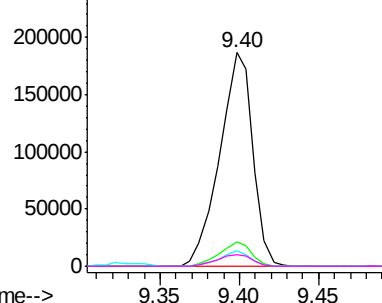


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 48.43 ng

RT: 8.06 min Scan# 1100

Delta R.T. -0.04 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion:105 Resp: 305750

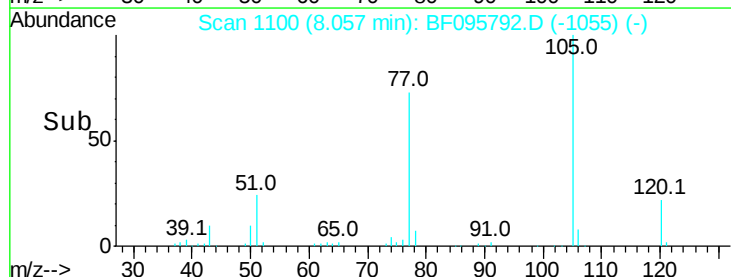
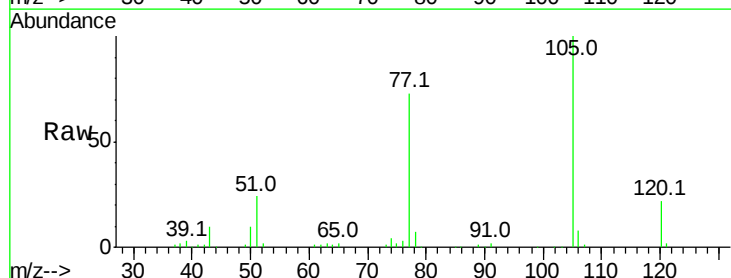
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.8 30.7 46.1#

120 21.8 17.4 26.0

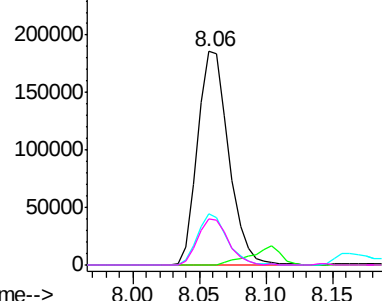


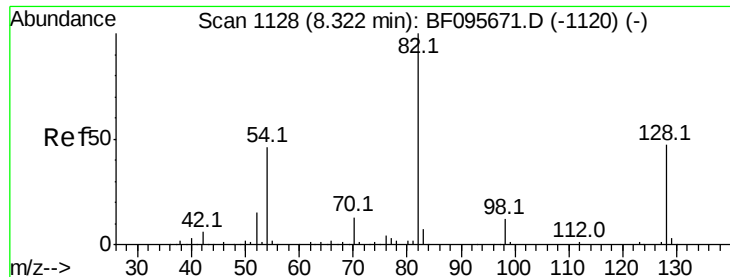
Abundance Ion 105.00 (104.70 to 105.70): E

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

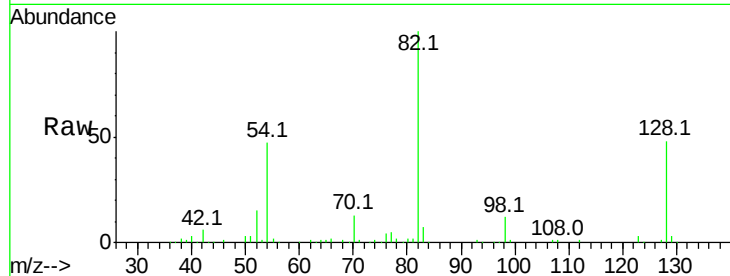




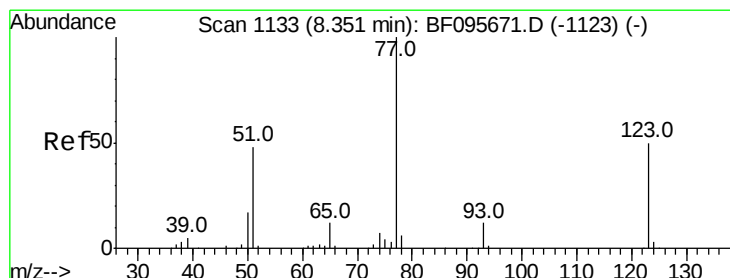
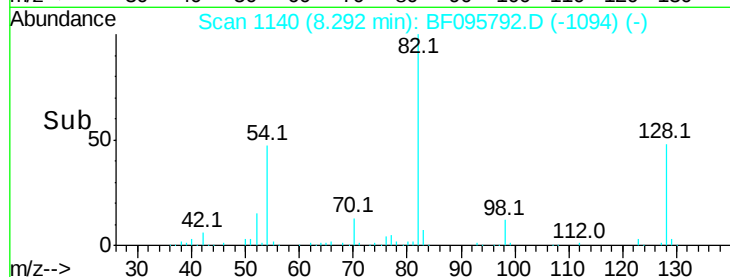
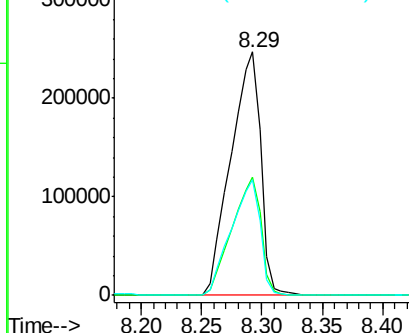
#23
Nitrobenzene-d5
Concen: 98.09 ng
RT: 8.29 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 426037
Ion Ratio Lower Upper
82 100
128 48.3 34.0 51.0
54 47.5 42.2 63.2

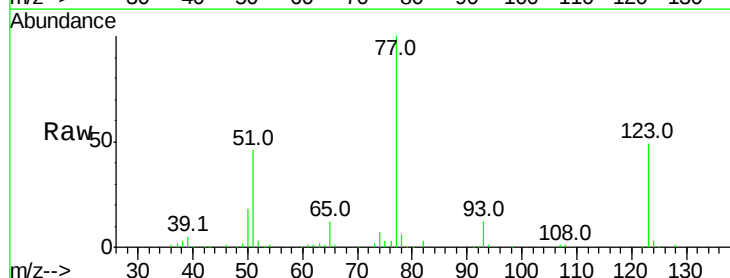


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

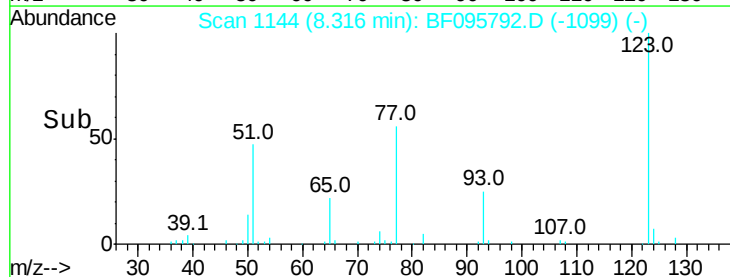
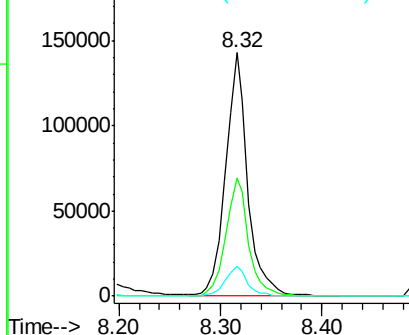


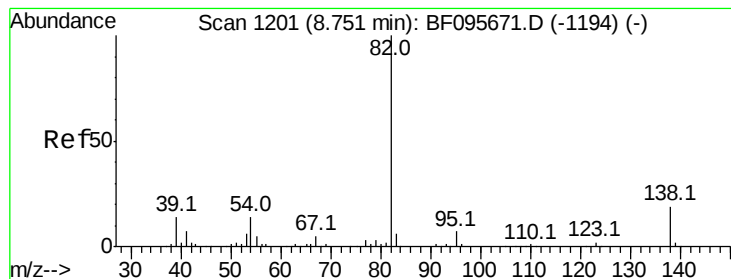
#24
Nitrobenzene
Concen: 46.42 ng
RT: 8.32 min Scan# 1144
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion: 77 Resp: 215363
Ion Ratio Lower Upper
77 100
123 48.7 35.8 53.8
65 12.3 10.6 15.8



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





#25

Isophorone

Concen: 47.38 ng

RT: 8.72 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleID :

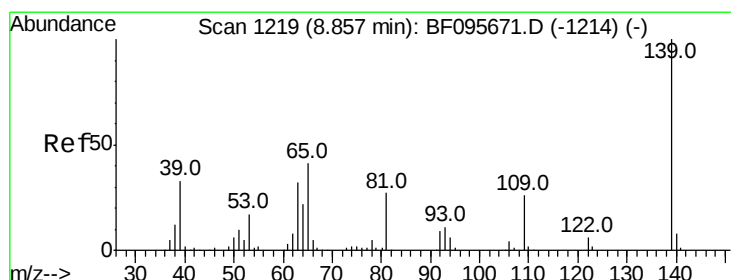
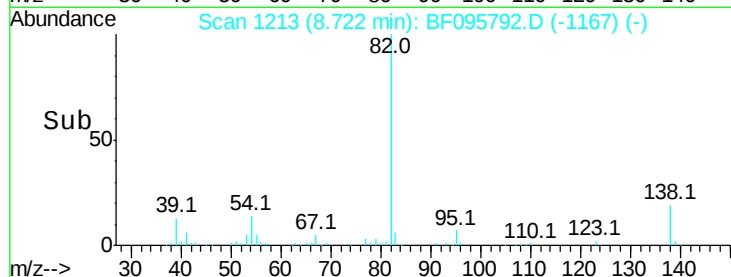
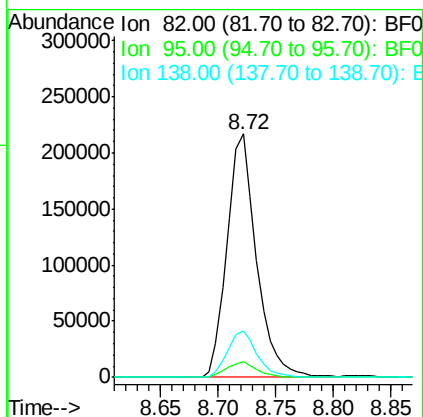
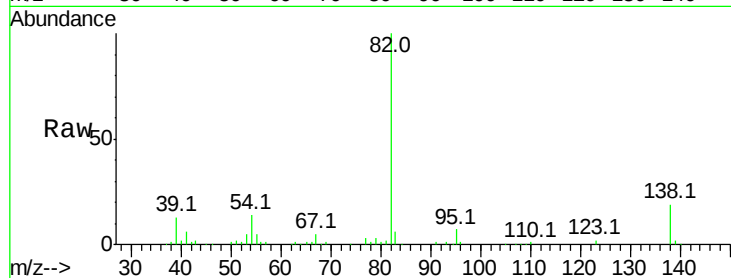
Tot Ion: 82 Resp: 384246

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 49.08 ng

RT: 8.83 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

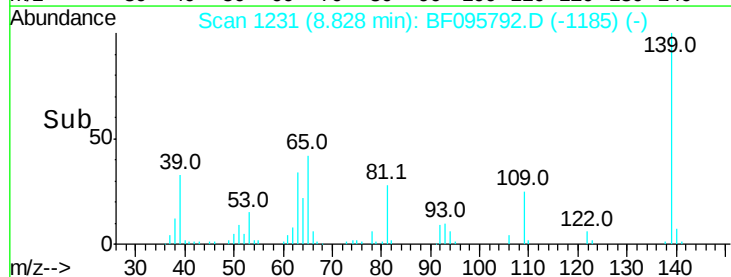
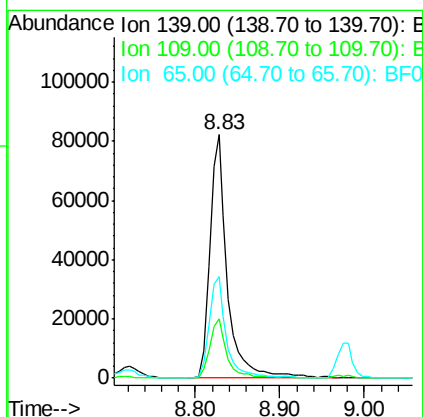
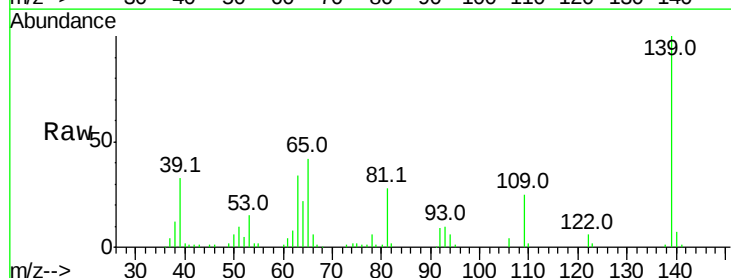
Tgt Ion: 139 Resp: 119255

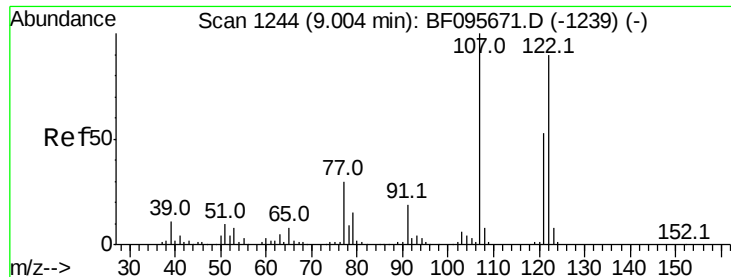
Ion Ratio Lower Upper

139 100

109 24.6 21.0 31.6

65 41.9 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 50.31 ng

RT: 8.98 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampled :

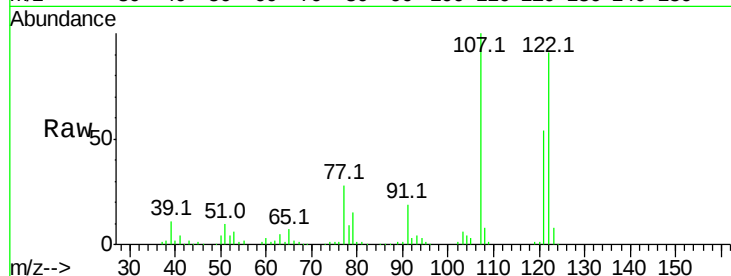
Tot Ion:122 Resp: 189699

Ion Ratio Lower Upper

122 100

107 109.8 89.2 133.8

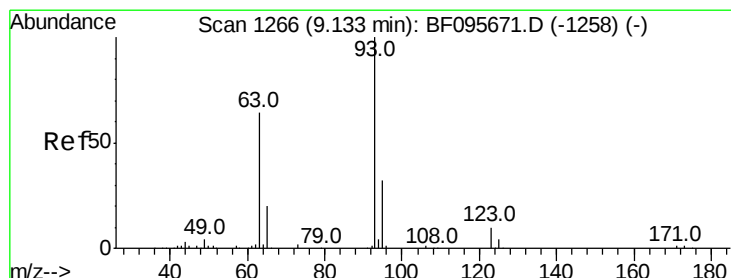
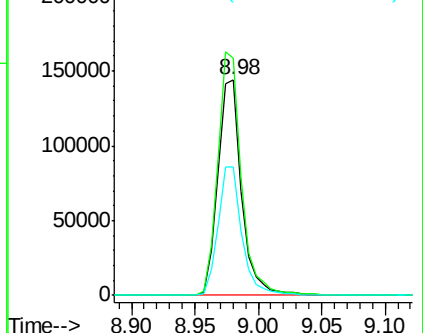
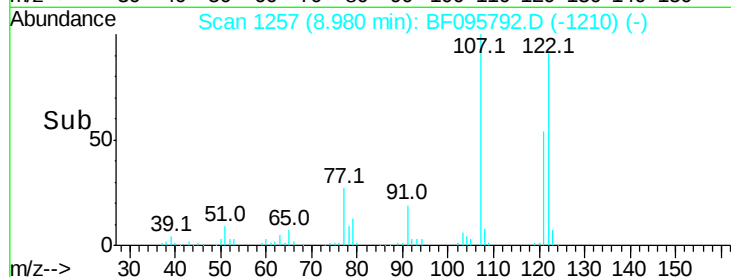
121 59.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.59 ng

RT: 9.10 min Scan# 1277

Delta R.T. -0.04 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

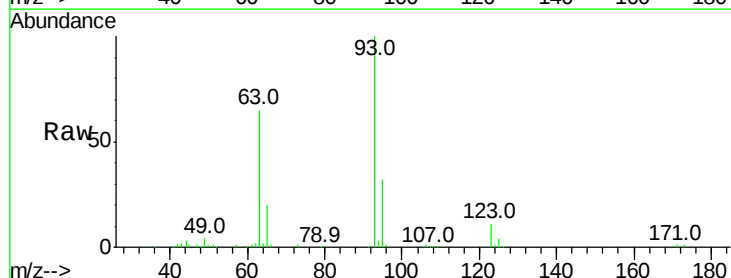
Tgt Ion: 93 Resp: 254409

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

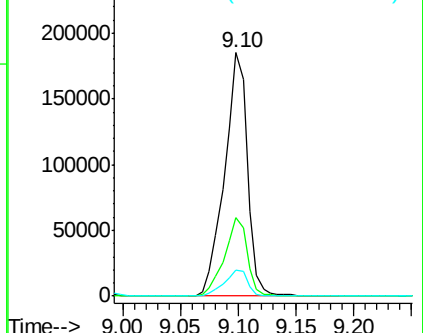
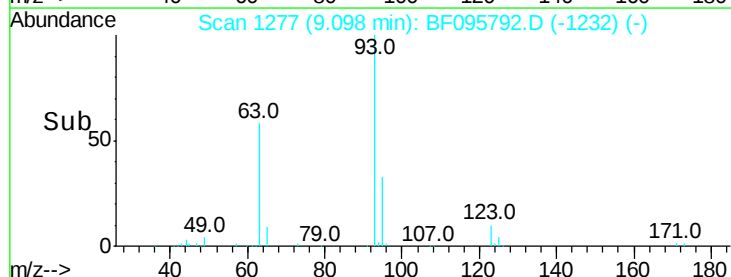
123 10.5 9.0 13.4

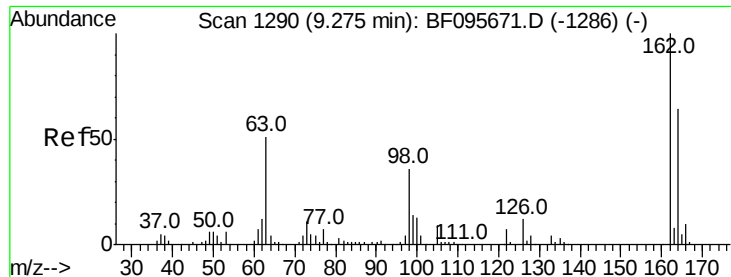


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

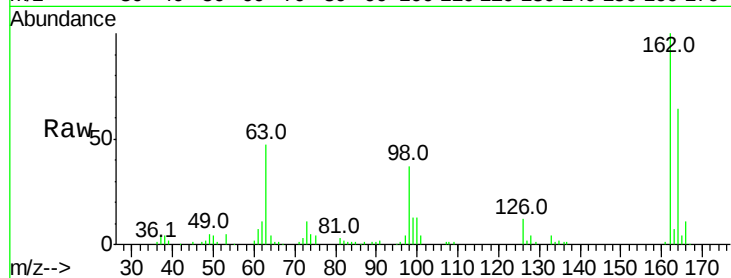




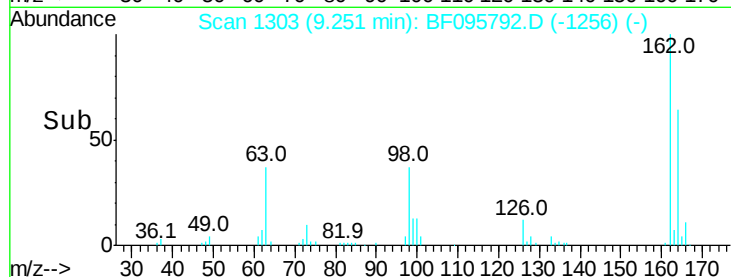
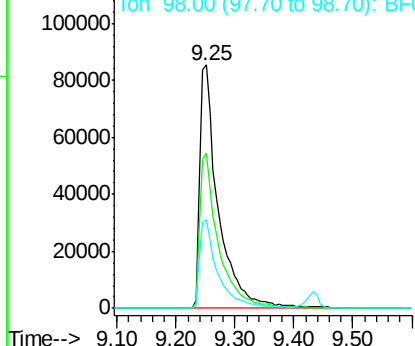
#29
 2,4-Dichlorophenol
 Concen: 50.76 ng
 RT: 9.25 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 184337
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.6 84.6
 98 36.7 14.8 54.8

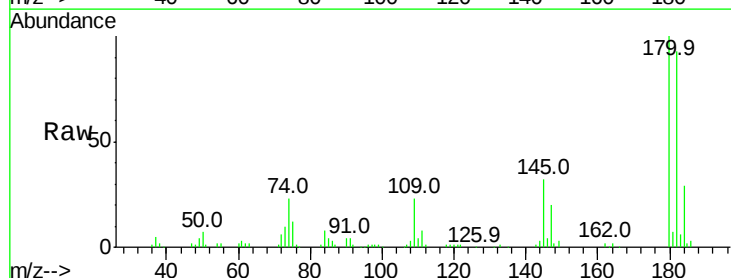


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

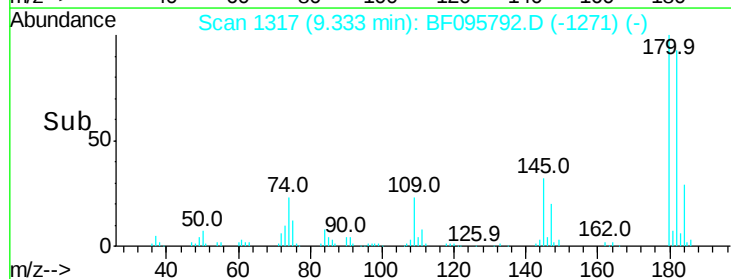
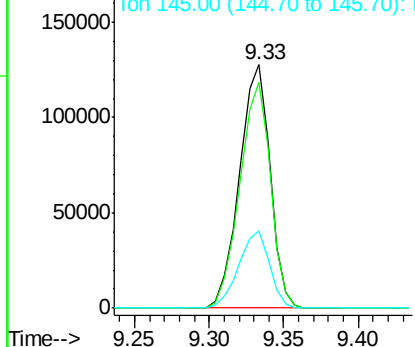


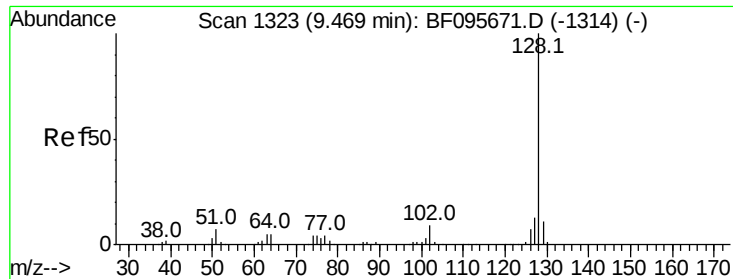
#30
 1,2,4-Trichlorobenzene
 Concen: 48.10 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion:180 Resp: 181733
 Ion Ratio Lower Upper
 180 100
 182 92.8 75.8 113.6
 145 31.8 25.3 37.9



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

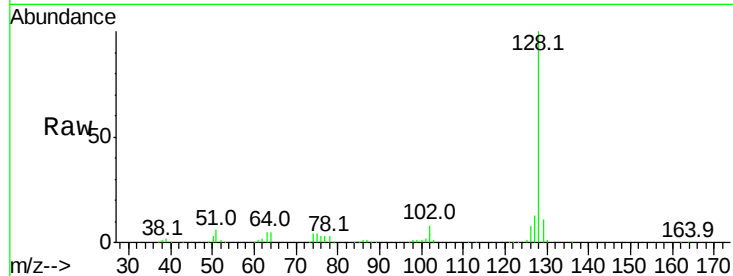




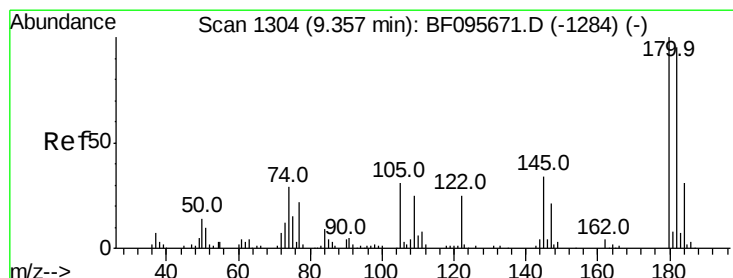
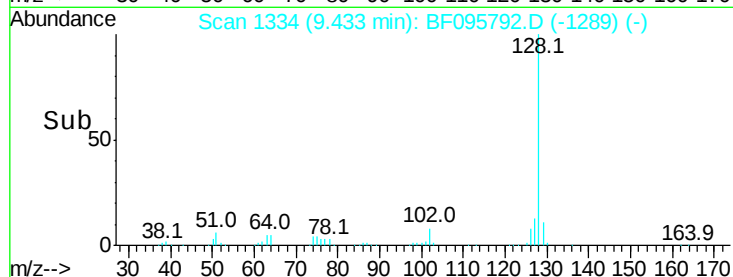
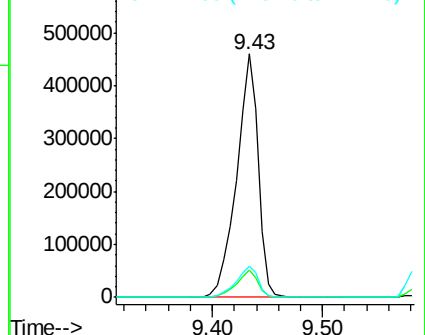
#31
Naphthalene
Concen: 46.65 ng
RT: 9.43 min Scan# 1334
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 631616
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.8 16.2

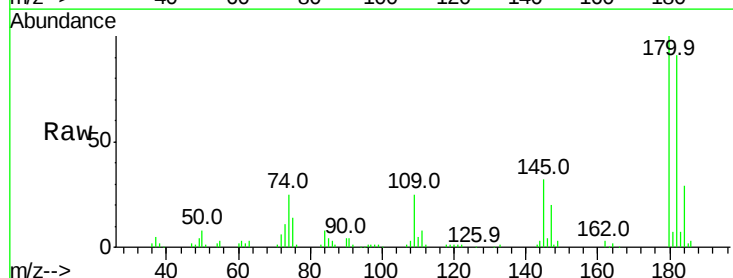


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

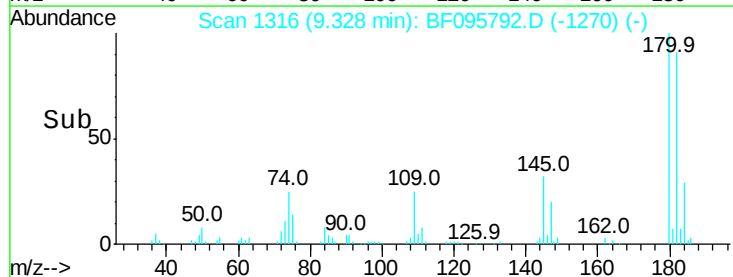
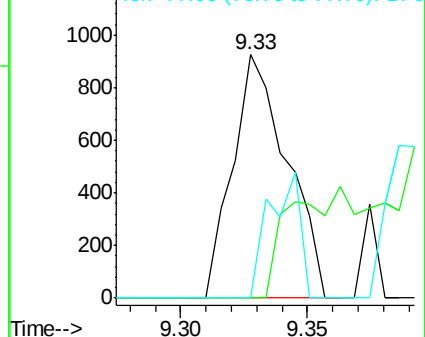


#32
Benzoic acid
Concen: 5.64 ng
RT: 9.33 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:122 Resp: 1388
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

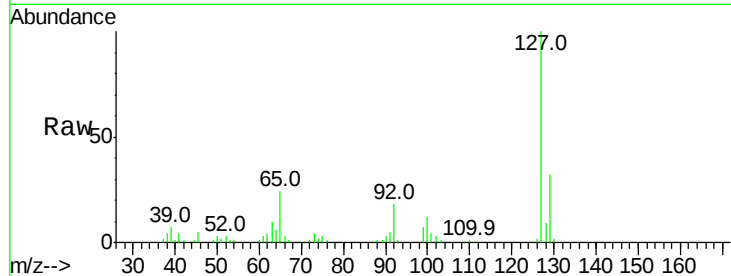




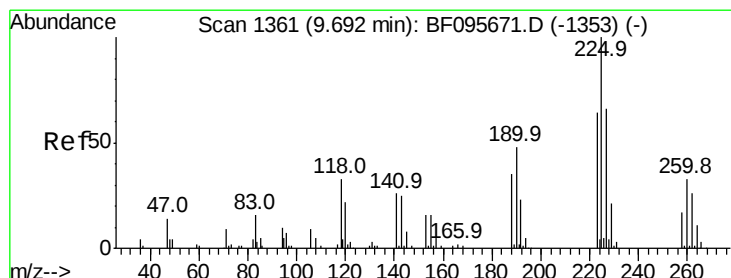
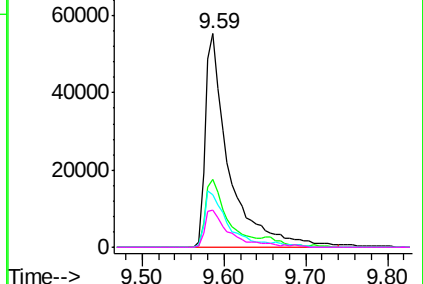
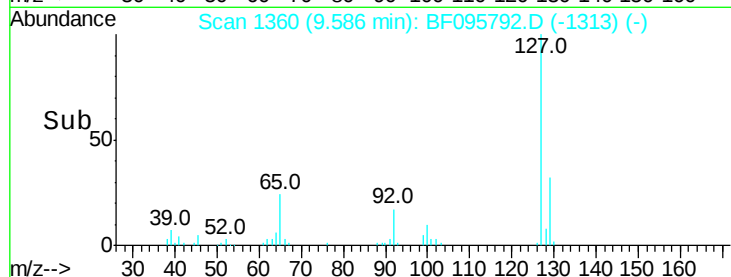
#33
4-Chloroaniline
Concen: 21.08 ng
RT: 9.59 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	111559
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	24.4	27.8	41.8#
92	17.6	16.8	25.2

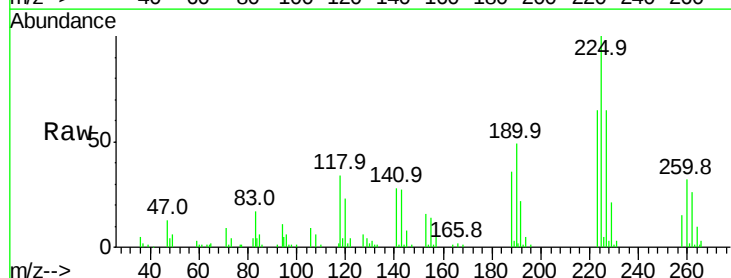


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

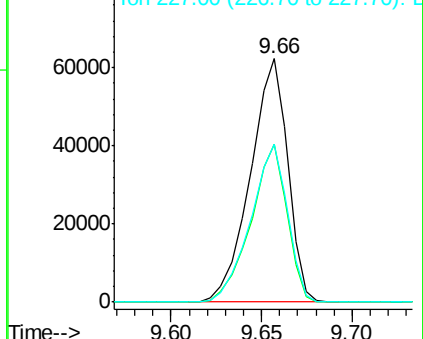
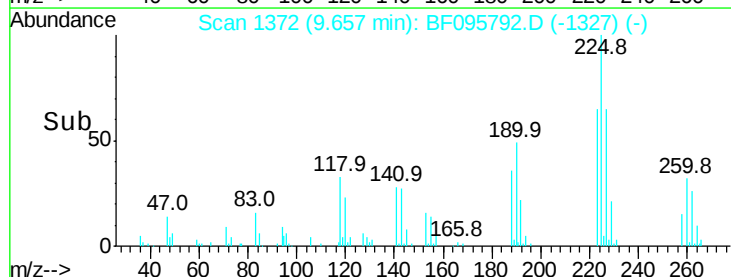


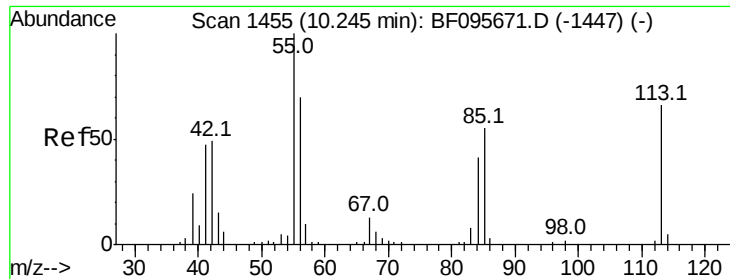
#34
Hexachlorobutadiene
Concen: 45.57 ng
RT: 9.66 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:	225	Resp:	88980
Ion	Ratio	Lower	Upper
225	100		
223	64.8	48.8	73.2
227	64.9	51.1	76.7



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





#35

Caprolactam

Concen: 17.16 ng

RT: 10.29 min Scan# 1480

Delta R.T. 0.05 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampled :

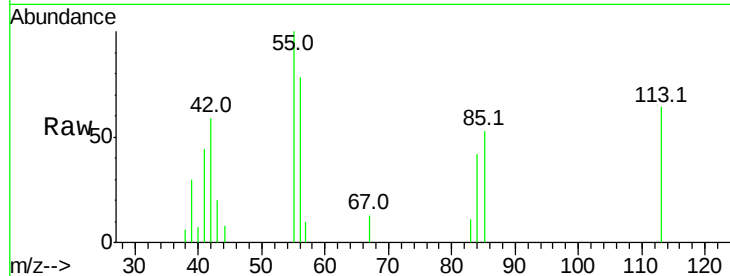
Tot Ion:113 Resp: 18541

Ion Ratio Lower Upper

113 100

55 155.5 150.2 190.2

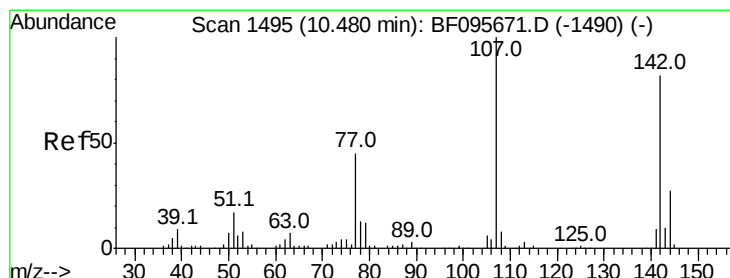
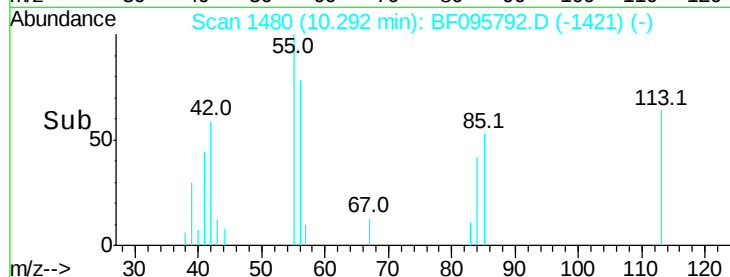
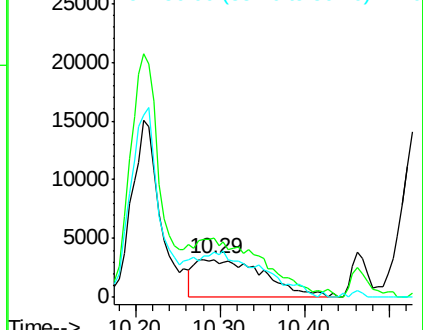
56 121.4 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.05 ng

RT: 10.46 min Scan# 1509

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

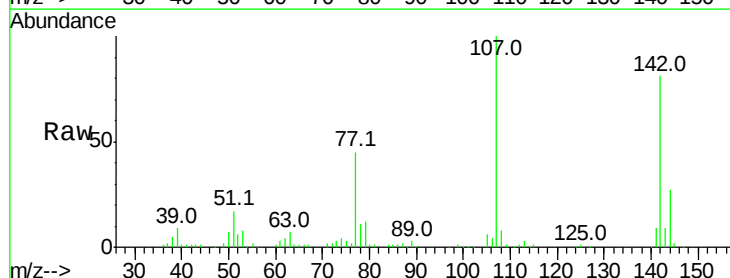
Tgt Ion:107 Resp: 194072

Ion Ratio Lower Upper

107 100

144 26.5 24.2 36.4

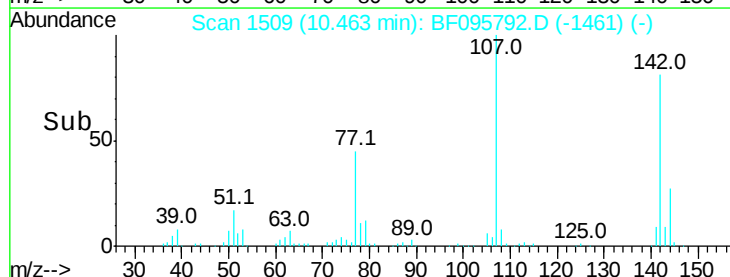
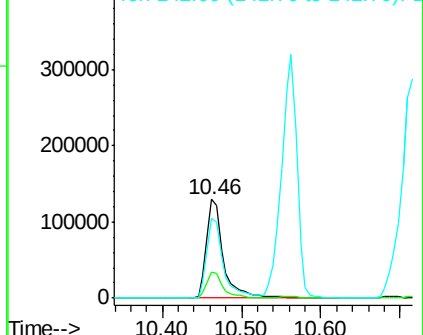
142 81.1 73.4 110.0

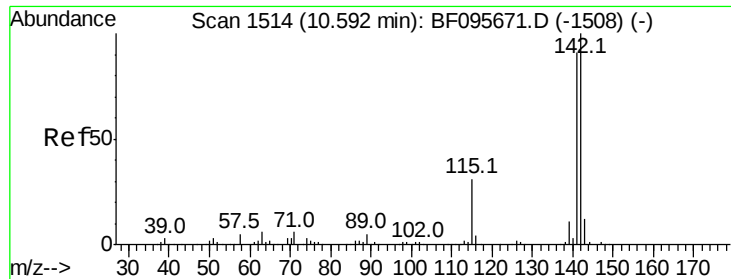


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

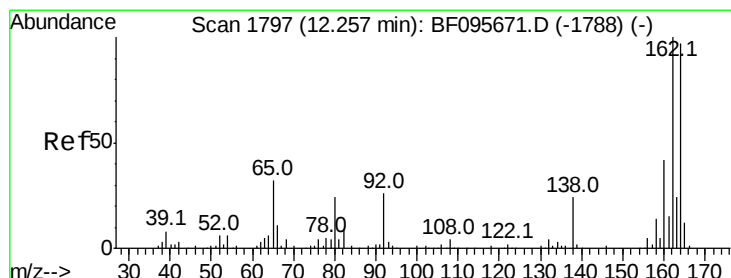
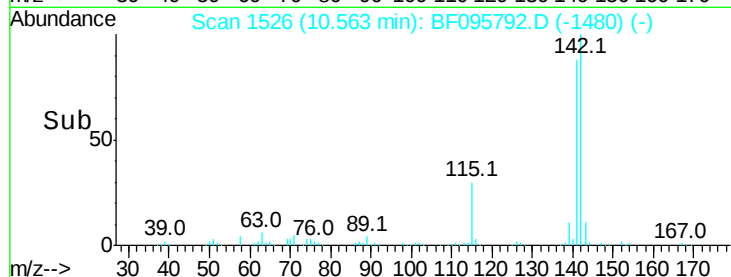
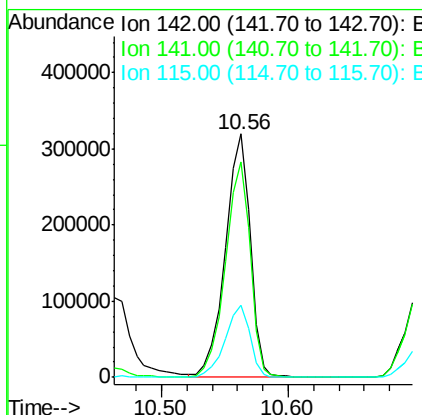
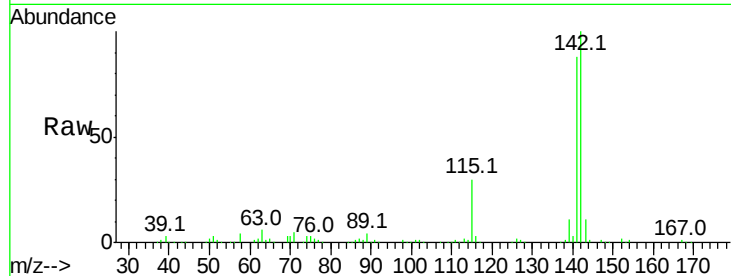




#37
2-Methylnaphthalene
Concen: 47.51 ng
RT: 10.56 min Scan# 1526
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

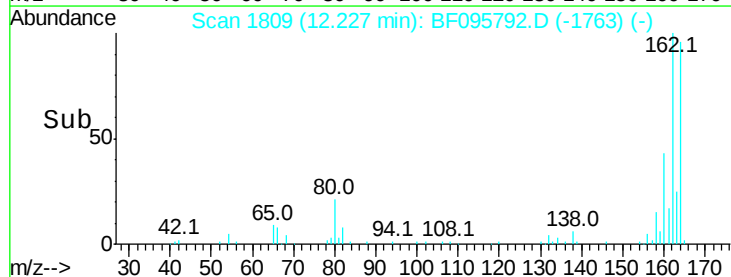
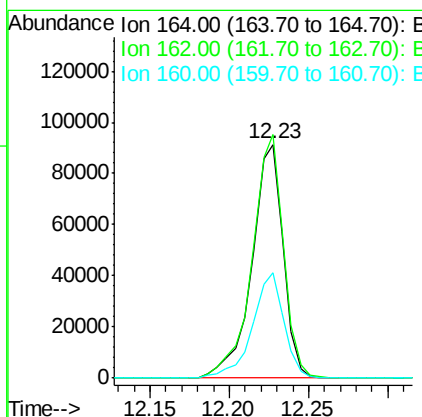
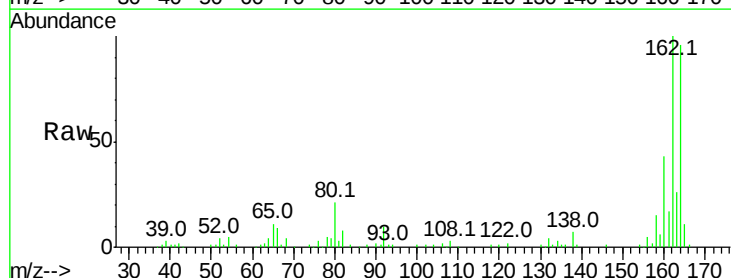
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 434549
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9
115 29.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1809
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:164 Resp: 125514
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 45.0 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.25 ng

RT: 10.85 min Scan# 1574

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 169991

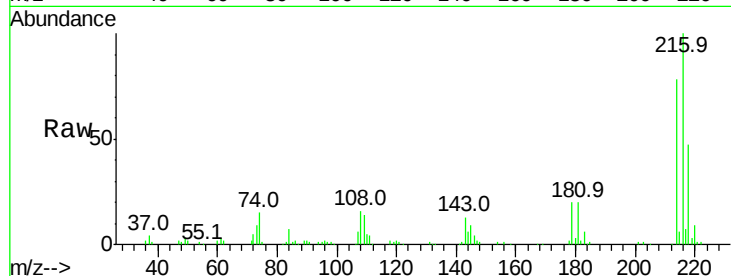
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 21.7 17.9 26.9

108 19.3 16.5 24.7

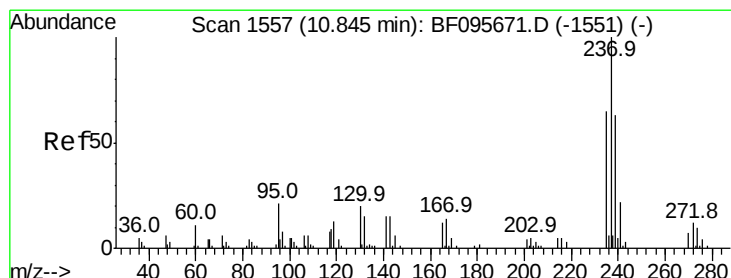
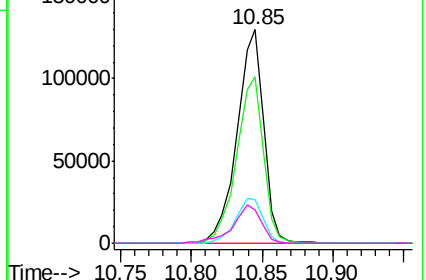
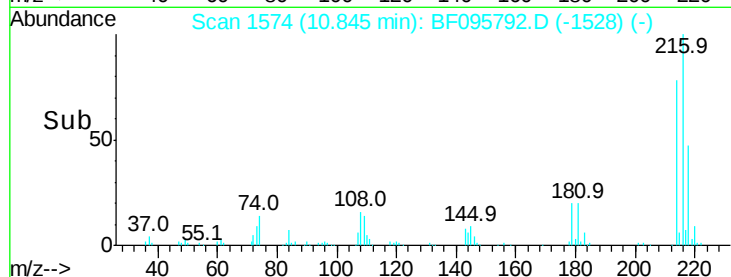


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.88 ng

RT: 10.82 min Scan# 1569

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

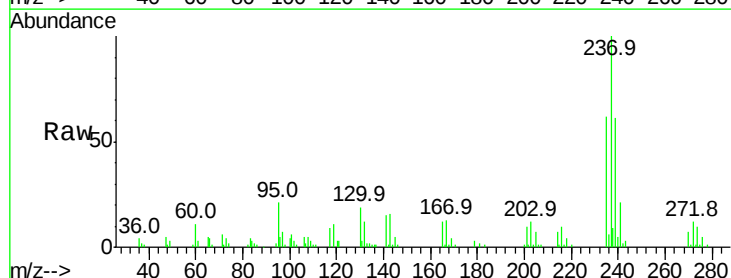
Tgt Ion:237 Resp: 85813

Ion Ratio Lower Upper

237 100

235 62.2 42.6 82.6

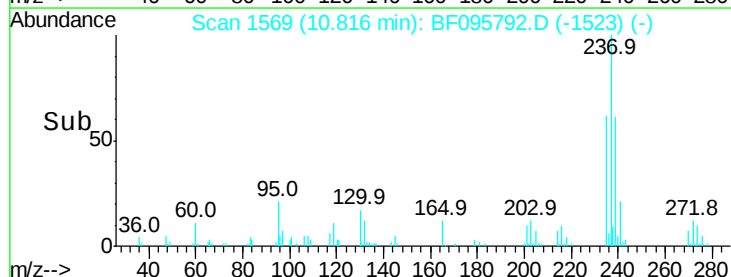
272 12.4 0.0 31.9



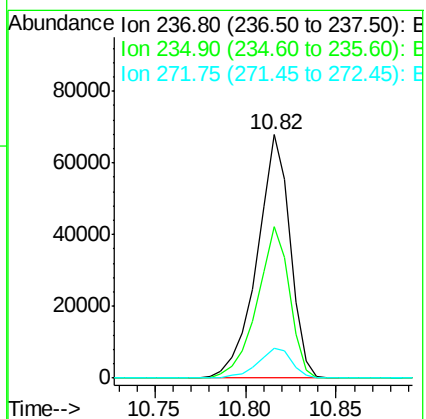
Abundance Ion 236.80 (236.50 to 237.50): E

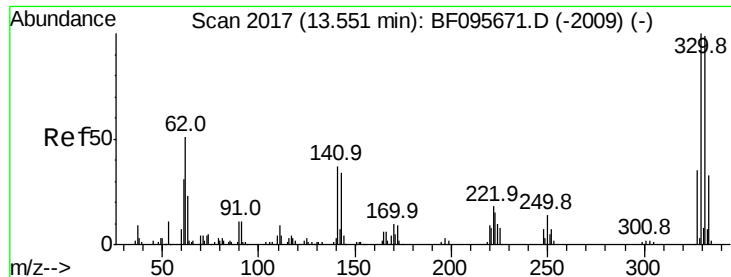
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

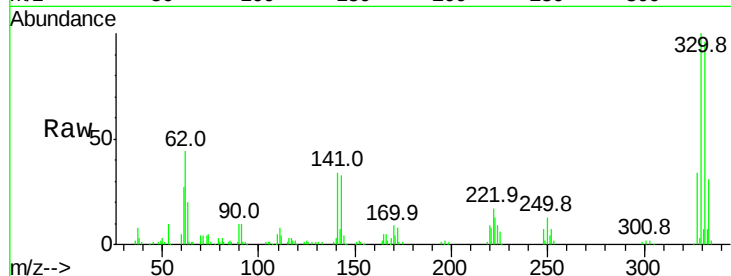




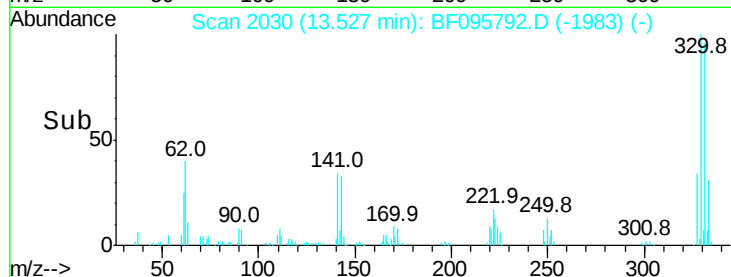
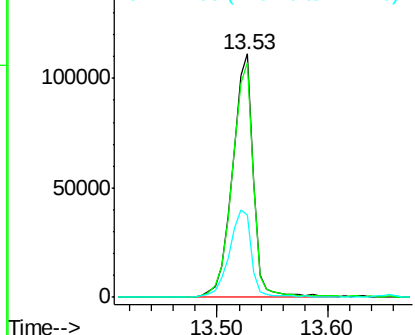
#41
 2,4,6-Tribromophenol
 Concen: 133.31 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	38.2	31.4	47.2

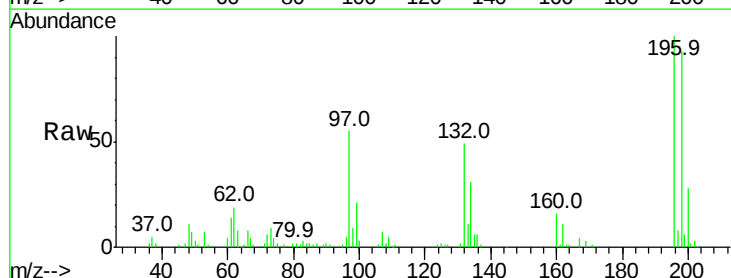


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

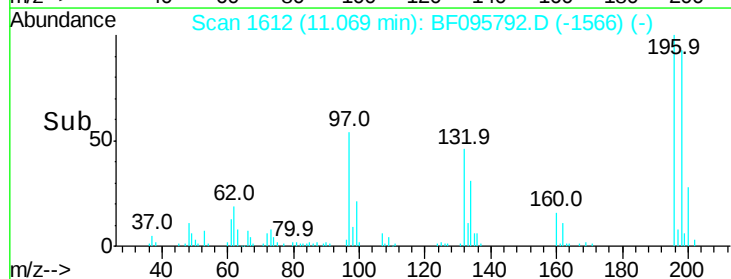
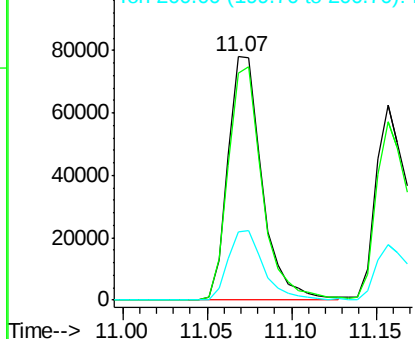


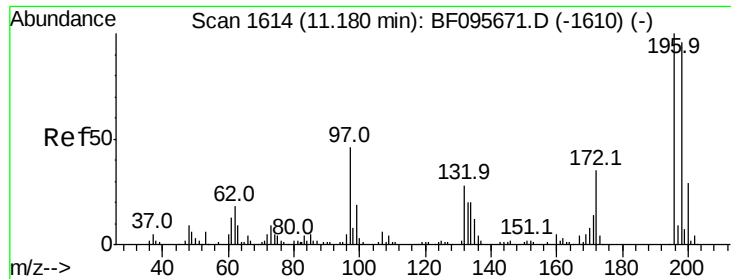
#42
 2,4,6-Trichlorophenol
 Concen: 45.41 ng
 RT: 11.07 min Scan# 1612
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	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

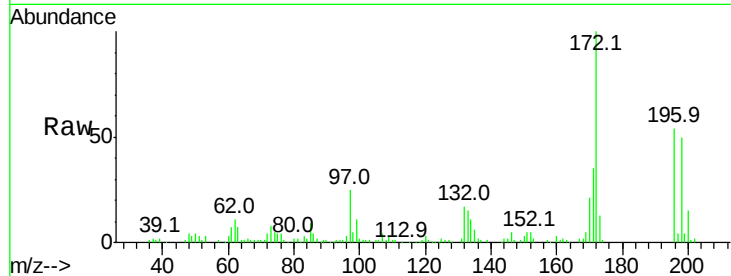




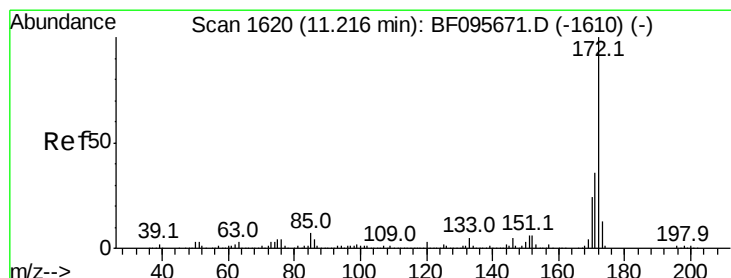
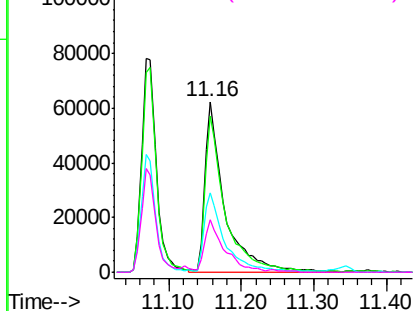
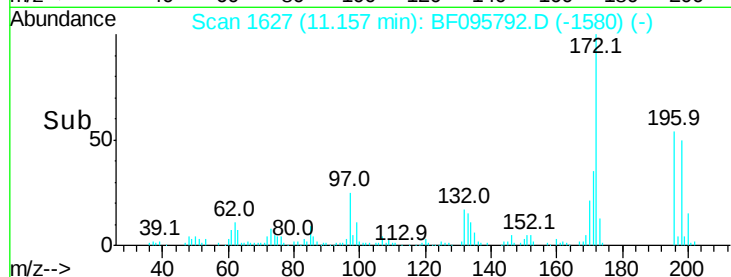
#43
 2,4,5-Trichlorophenol
 Concen: 45.96 ng
 RT: 11.16 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.5	75.7	113.5
97	46.9	47.7	71.5#
132	30.5	28.0	42.0

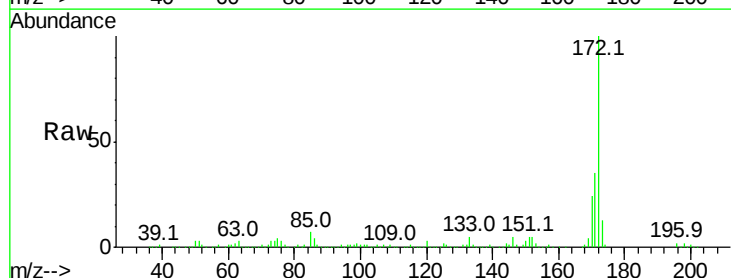


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

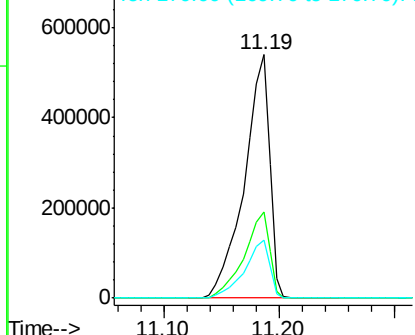
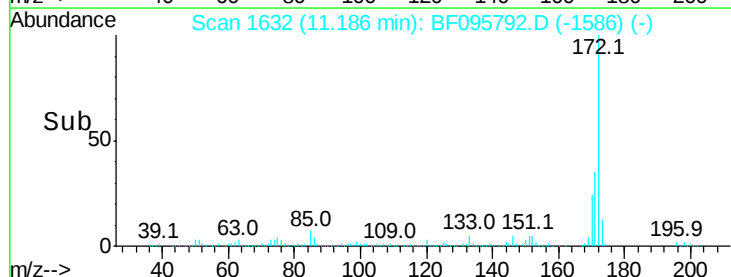


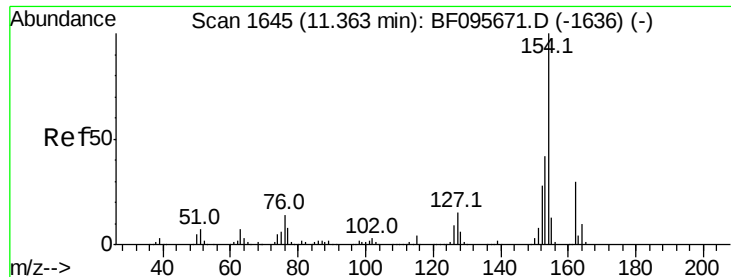
#44
 2-Fluorobiphenyl
 Concen: 91.03 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.7	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.71 ng

RT: 11.33 min Scan# 1657

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampled :

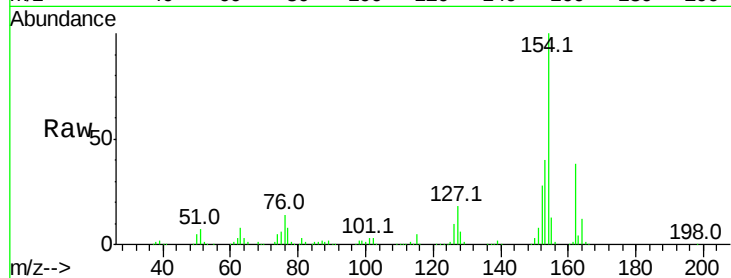
Tot Ion:154 Resp: 483225

Ion Ratio Lower Upper

154 100

153 40.2 21.2 61.2

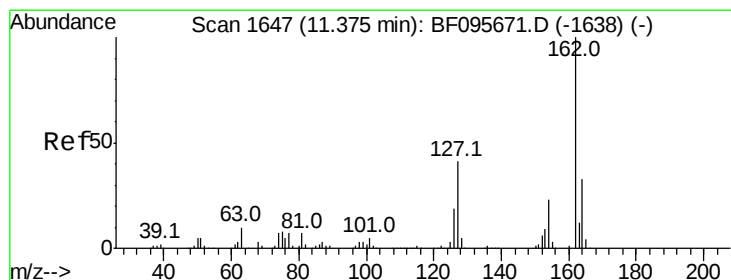
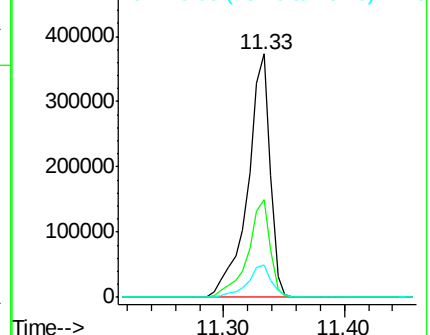
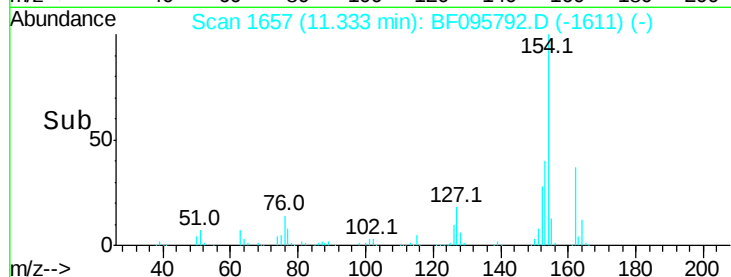
76 13.5 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.12 ng

RT: 11.35 min Scan# 1659

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

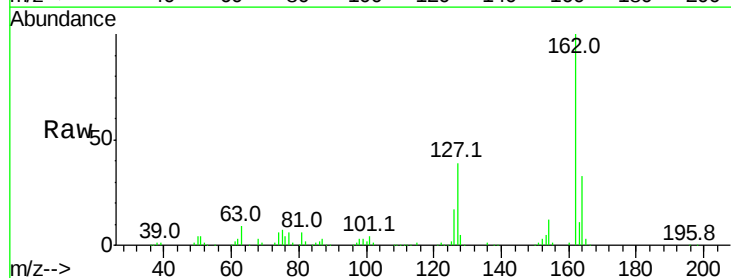
Tgt Ion:162 Resp: 372757

Ion Ratio Lower Upper

162 100

127 39.5 28.3 42.5

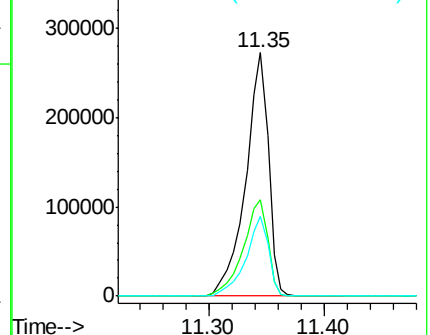
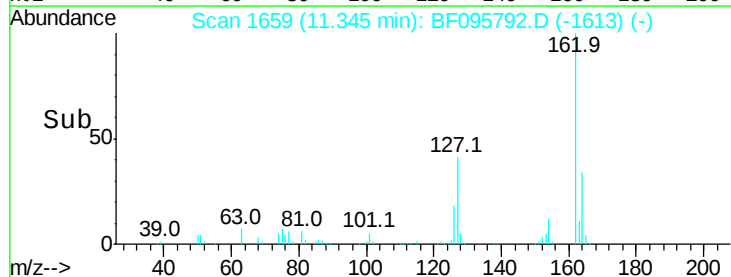
164 33.0 27.0 40.4

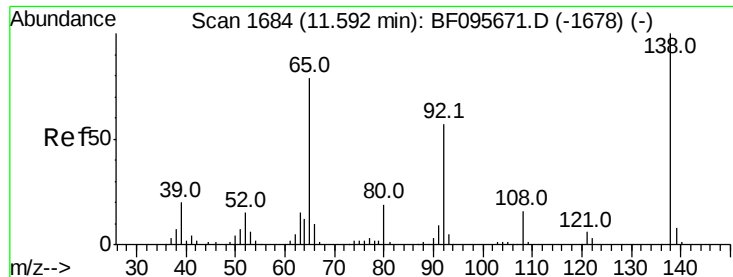


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

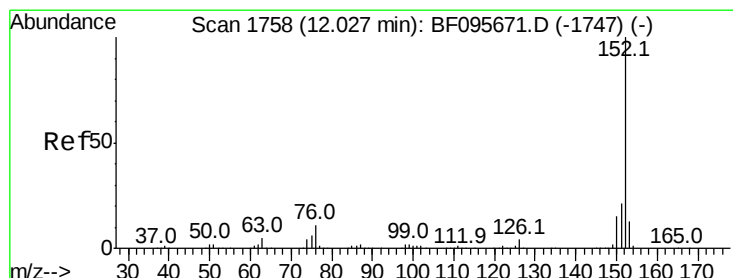
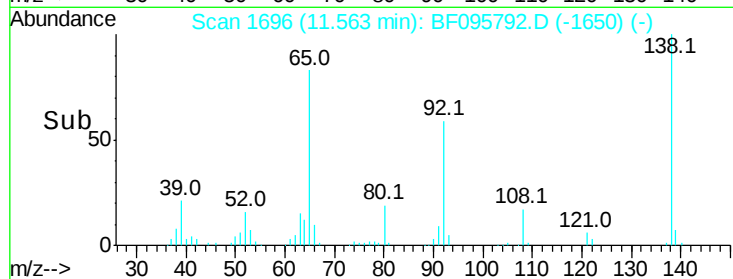
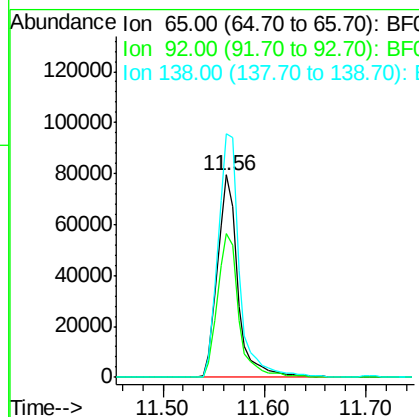
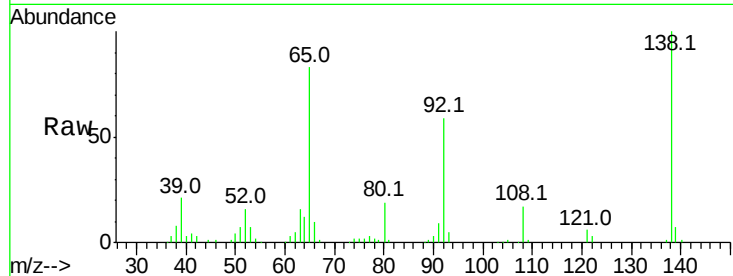




#47
 2-Nitroaniline
 Concen: 46.97 ng
 RT: 11.56 min Scan# 1696
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

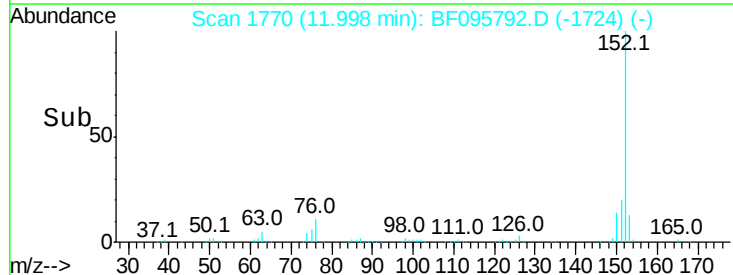
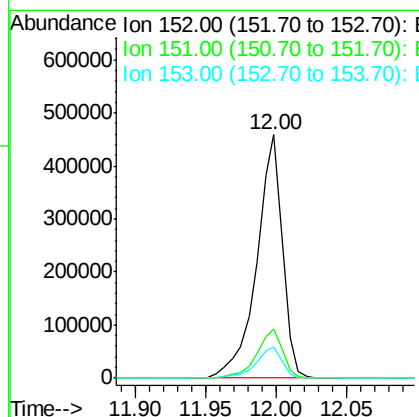
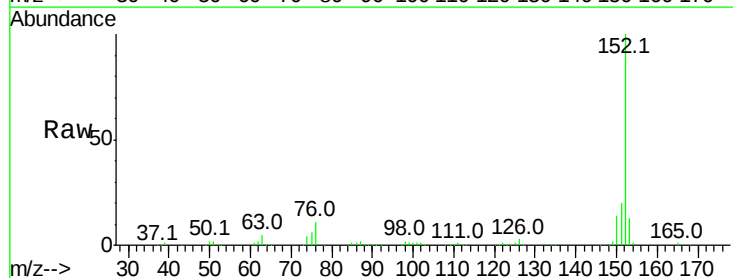
Instrument :
 BNA_F
 ClientSampleId :

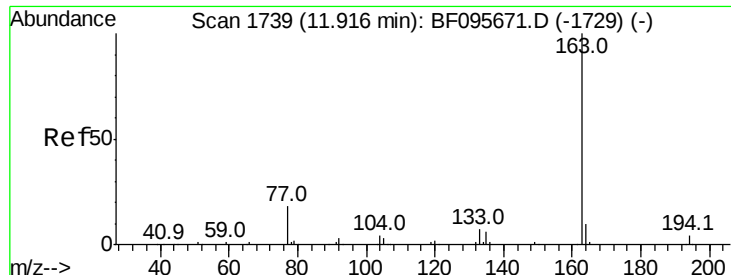
Tot Ion: 65 Resp: 111094
 Ion Ratio Lower Upper
 65 100
 92 71.2 53.9 80.9
 138 120.2 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.78 ng
 RT: 12.00 min Scan# 1770
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion: 152 Resp: 591268
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.8 25.2
 153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 64.48 ng

RT: 11.89 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

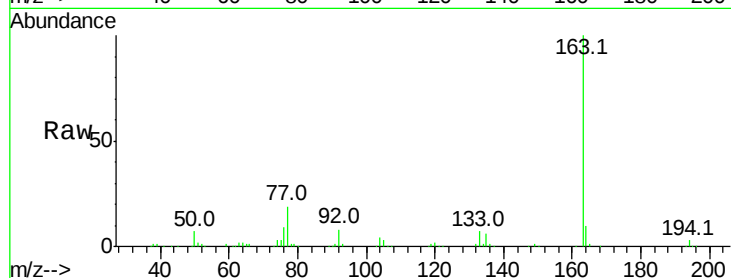
Tot Ion:163 Resp: 614505

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

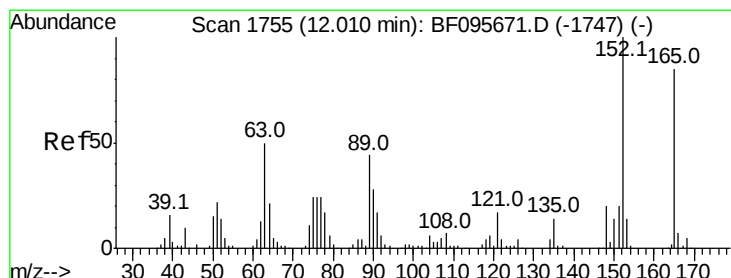
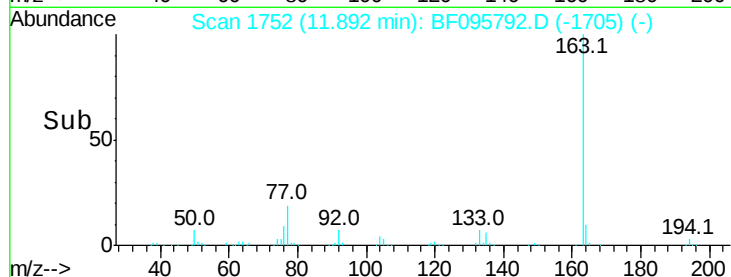
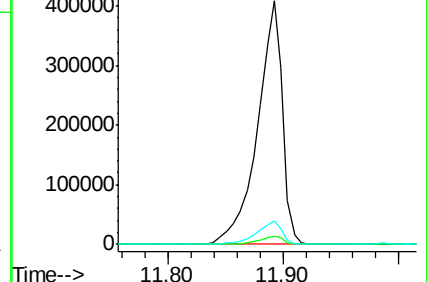
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.38 ng

RT: 11.99 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

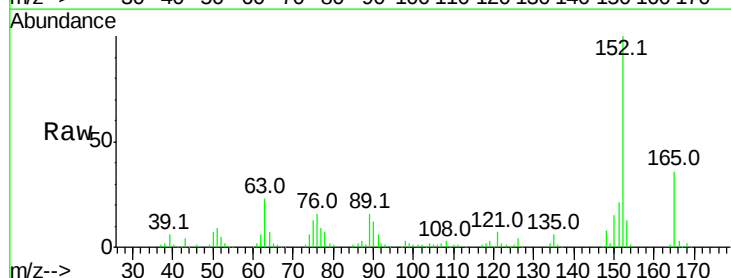
Tgt Ion:165 Resp: 98477

Ion Ratio Lower Upper

165 100

63 63.2 34.3 51.5#

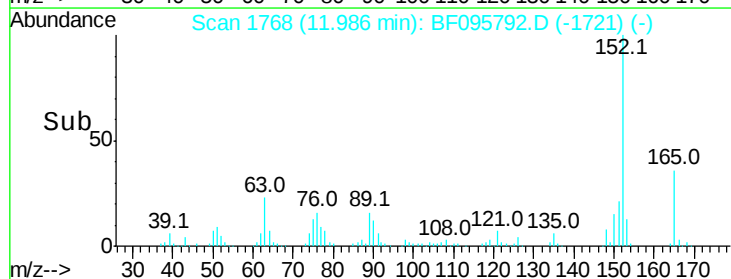
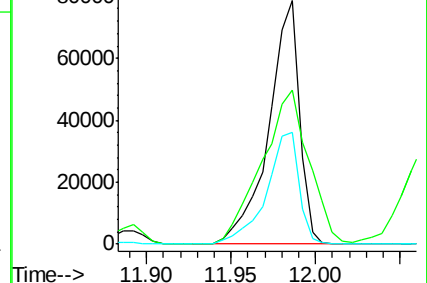
89 45.9 37.1 55.7



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: 44.05 ng

RT: 12.28 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

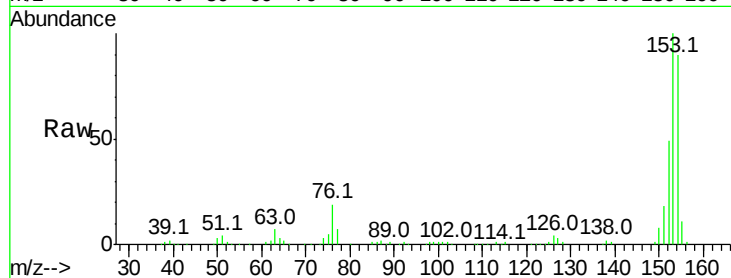
Tot Ion:154 Resp: 351639

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

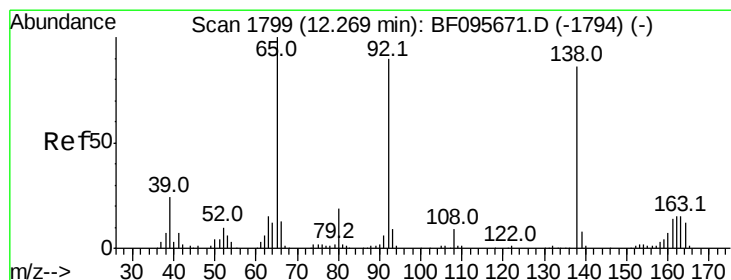
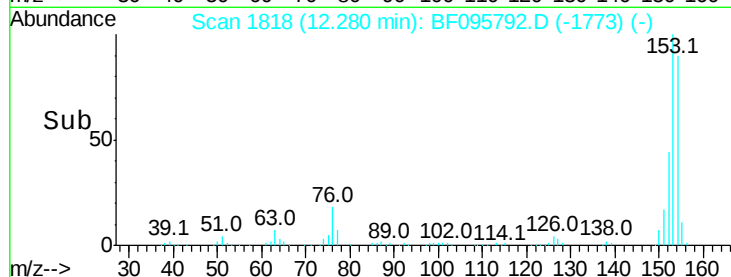
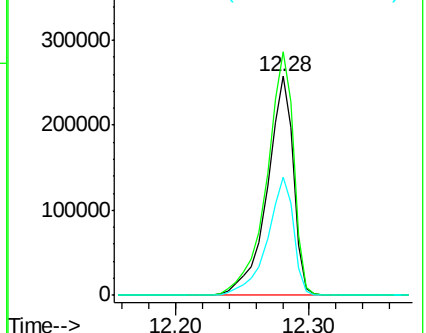
152 54.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.56 ng

RT: 12.24 min Scan# 1811

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

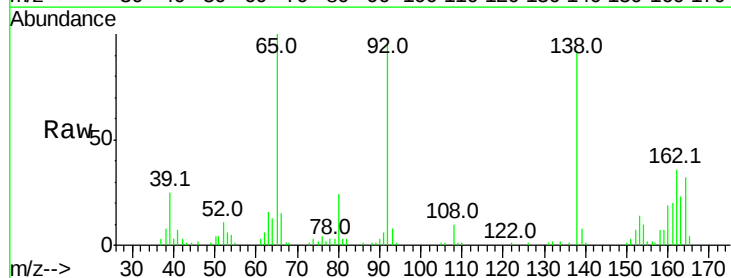
Tgt Ion:138 Resp: 78849

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

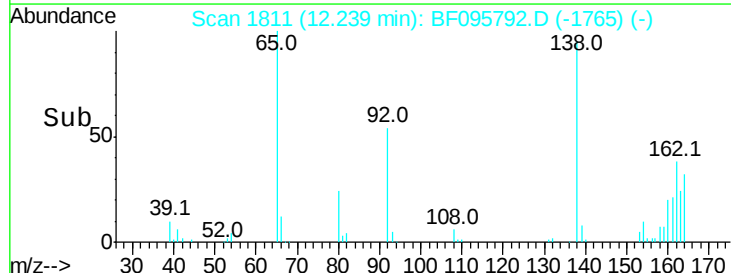
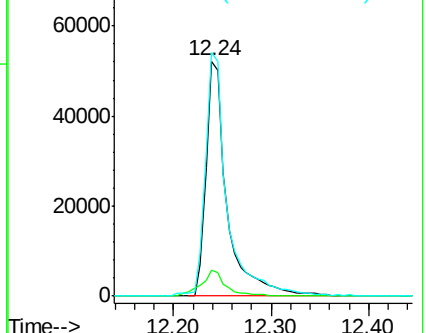
92 103.7 93.8 140.6

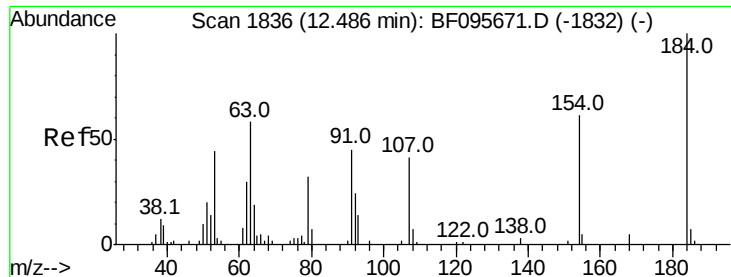


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 14.31 ng

RT: 12.49 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

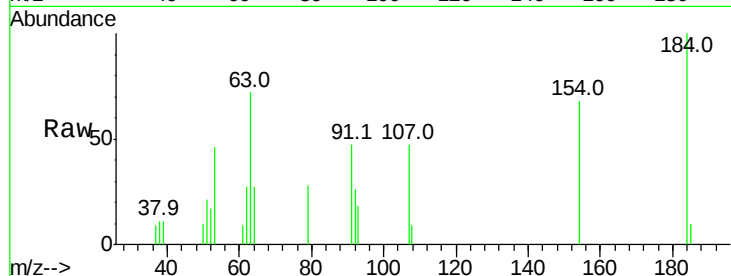
Tot Ion:184 Resp: 10038

Ion Ratio Lower Upper

184 100

63 71.6 62.7 94.1

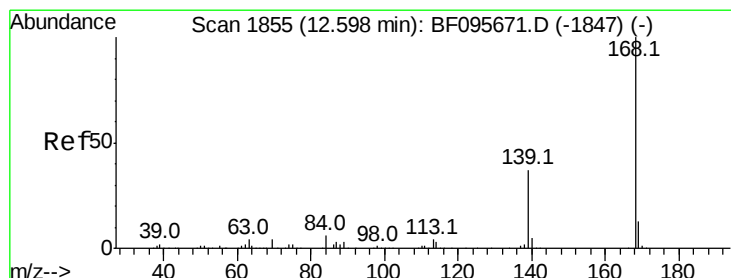
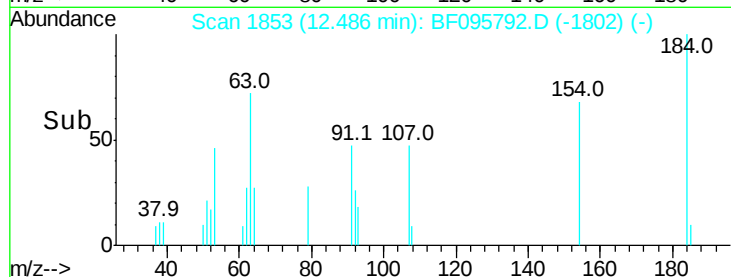
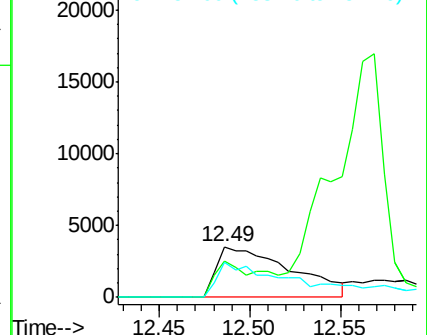
154 67.9 81.1 121.7#



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: 48.64 ng

RT: 12.57 min Scan# 1867

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

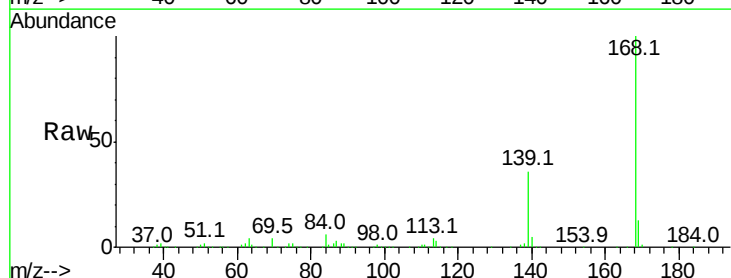
Tgt Ion:168 Resp: 546488

Ion Ratio Lower Upper

168 100

139 35.6 30.6 45.8

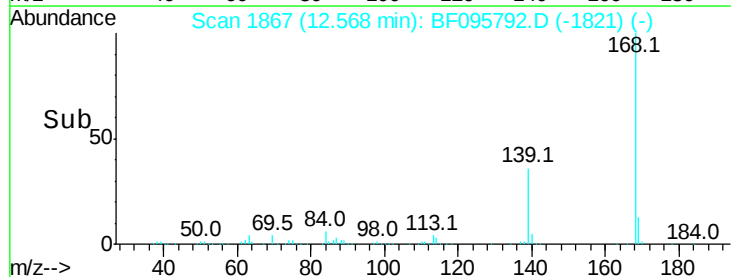
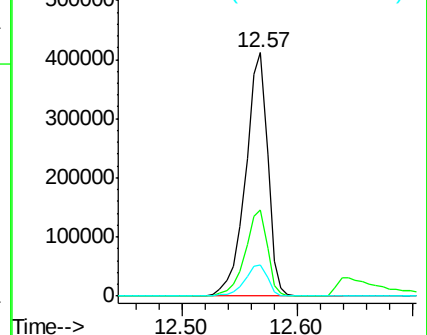
169 13.0 10.8 16.2

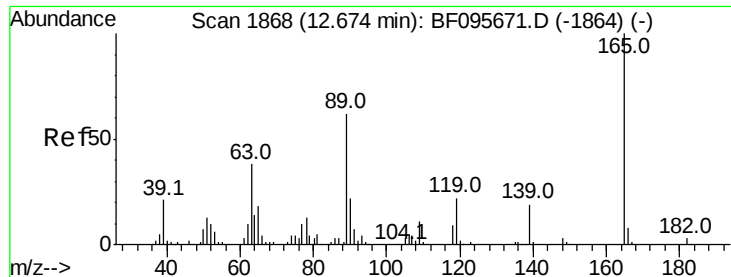


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

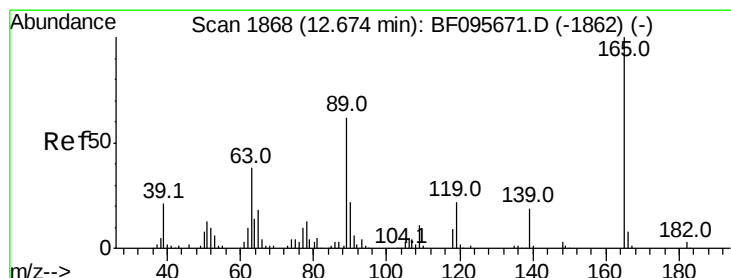
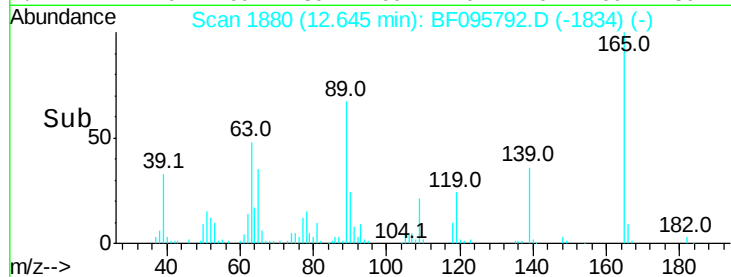
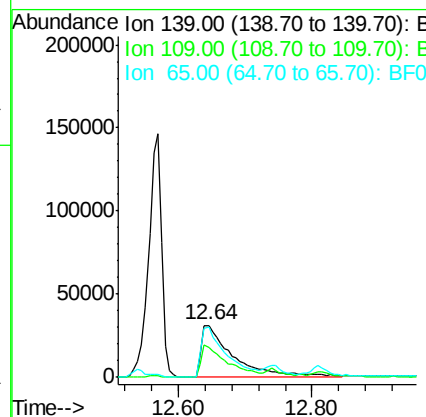
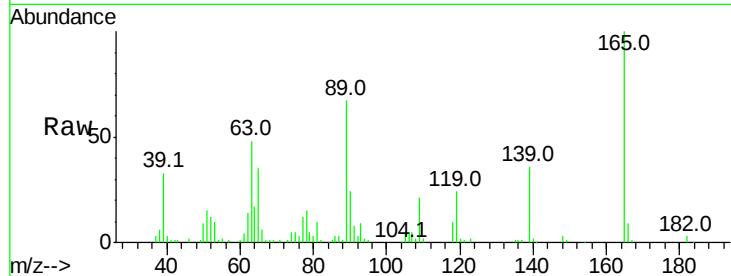




#55
4-Nitrophenol
Concen: 74.12 ng
RT: 12.64 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

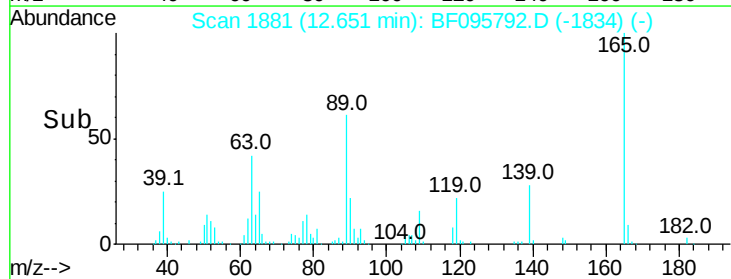
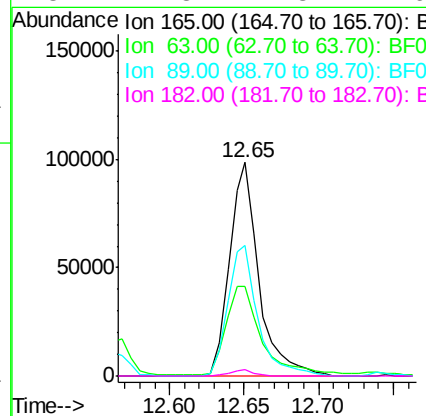
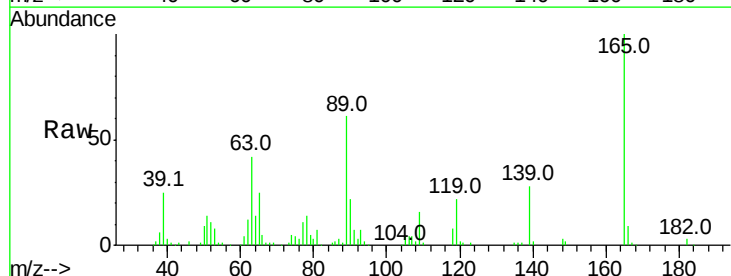
Instrument :
BNA_F
ClientSampled :

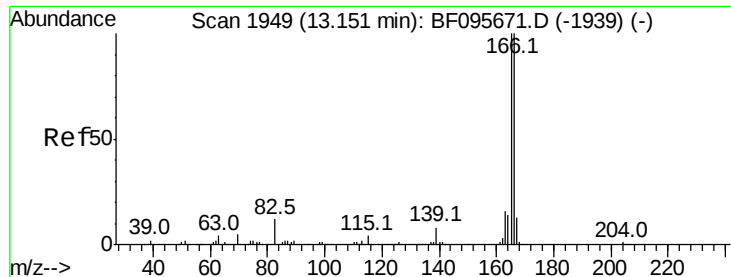
Tot Ion:139 Resp: 104297
Ion Ratio Lower Upper
139 100
109 57.2 34.1 74.1
65 96.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.52 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:165 Resp: 136228
Ion Ratio Lower Upper
165 100
63 41.8 25.4 38.0#
89 61.2 46.4 69.6
182 2.8 1.8 2.6#

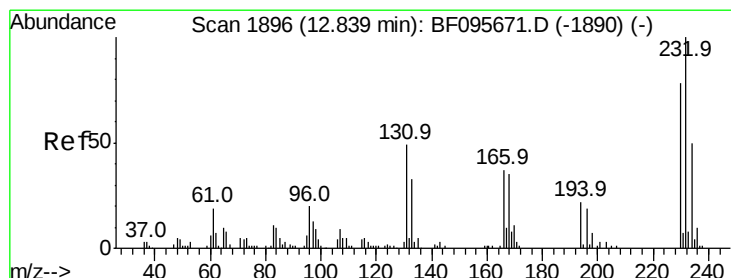
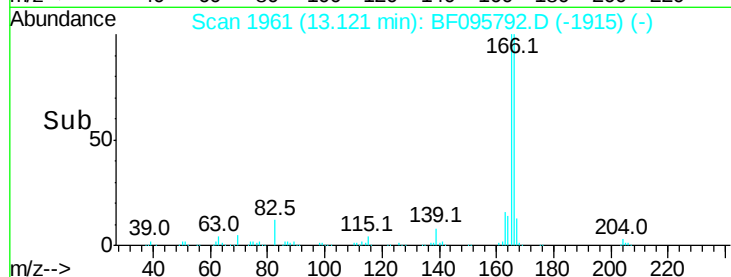
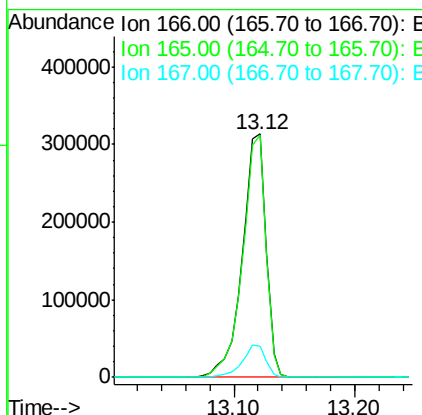
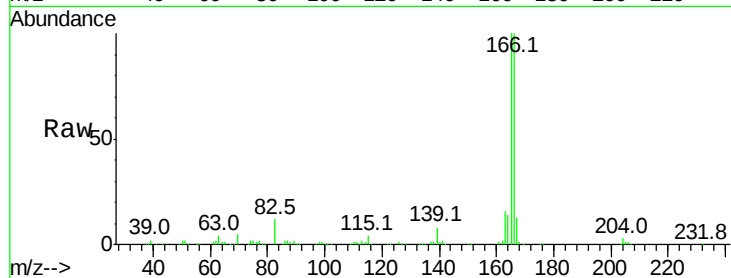




#57
 Fluorene
 Concen: 44.05 ng
 RT: 13.12 min Scan# 1961
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

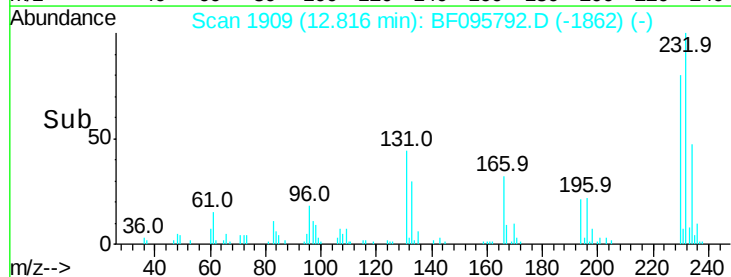
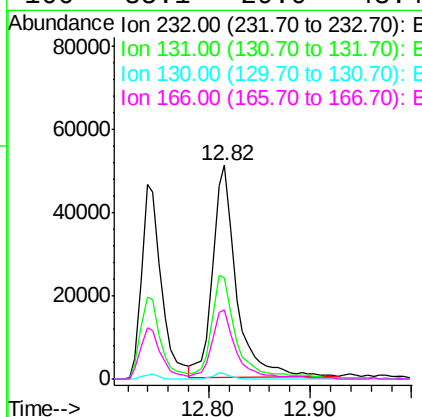
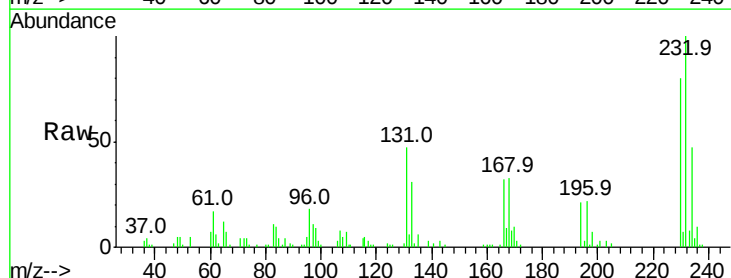
Instrument :
 BNA_F
 ClientSampleId :

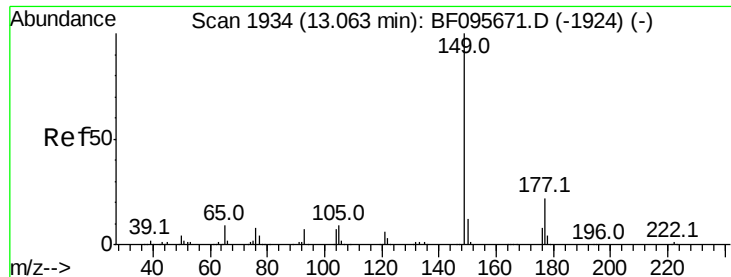
Tot Ion:166 Resp: 430643
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.8 118.2
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.35 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion:232 Resp: 83235
 Ion Ratio Lower Upper
 232 100
 131 49.4 44.8 67.2
 130 2.0 2.3 3.5#
 166 35.1 29.0 43.4

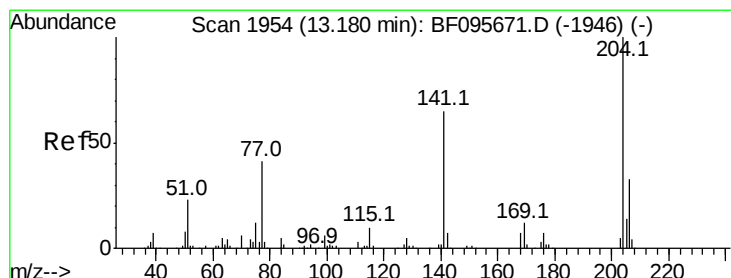
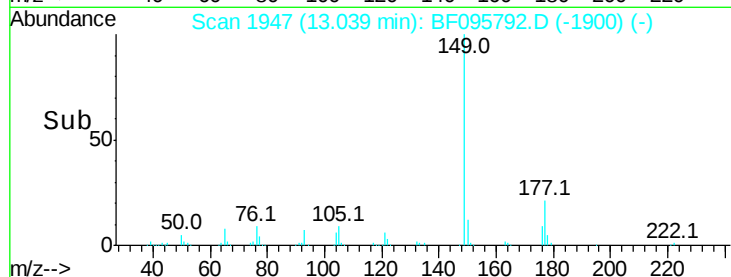
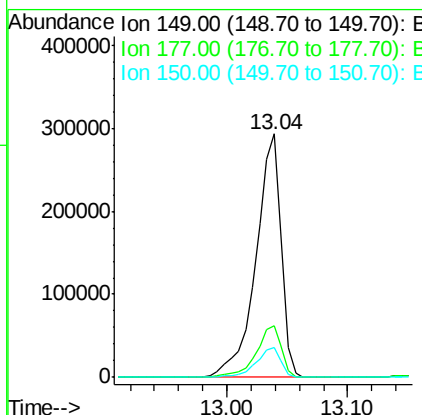
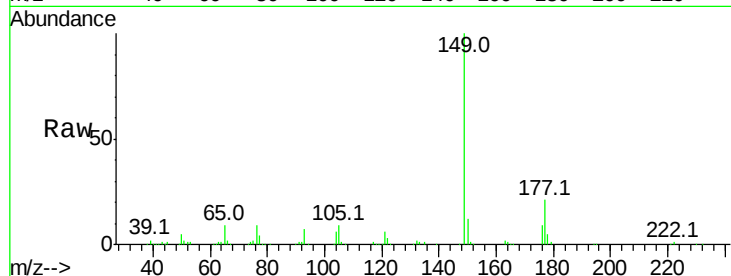




#59
Diethylphthalate
Concen: 46.51 ng
RT: 13.04 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

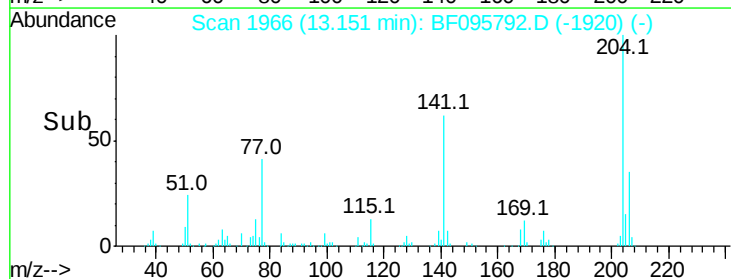
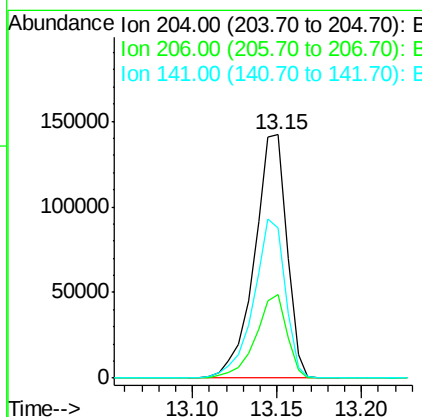
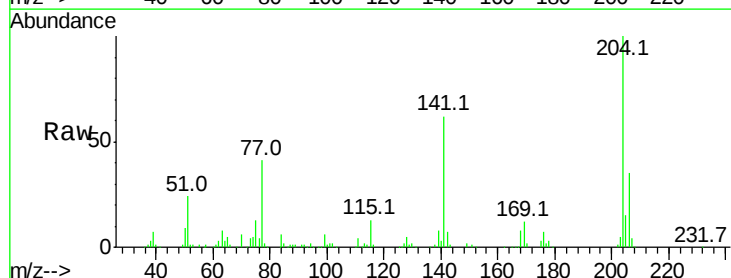
Instrument :
BNA_F
ClientSampleId :

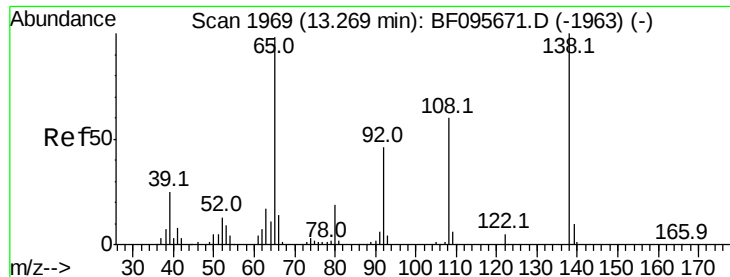
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.64 ng
RT: 13.15 min Scan# 1966
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.2	39.2
141	61.7	60.8	91.2

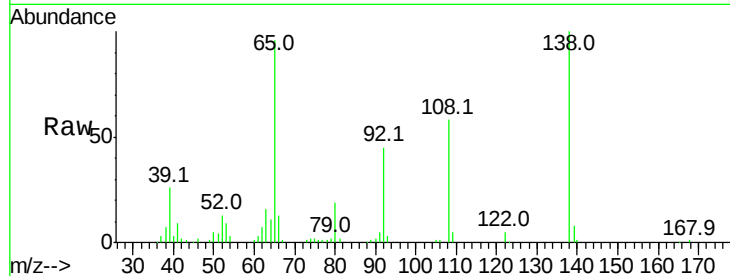




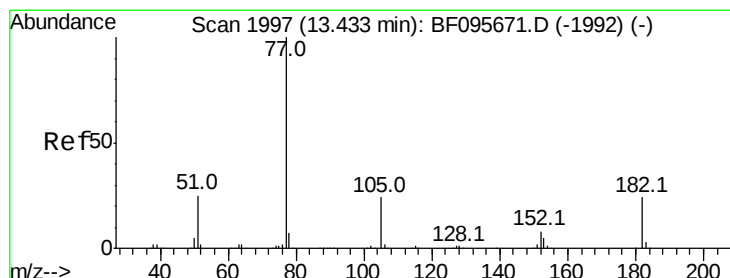
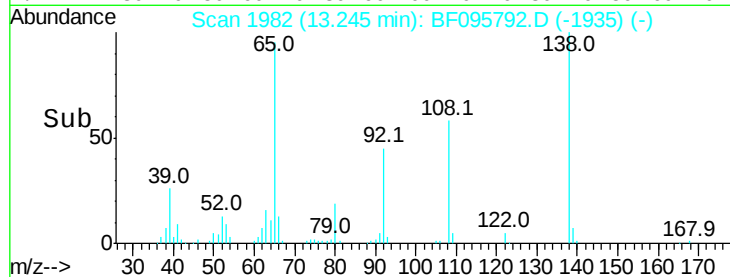
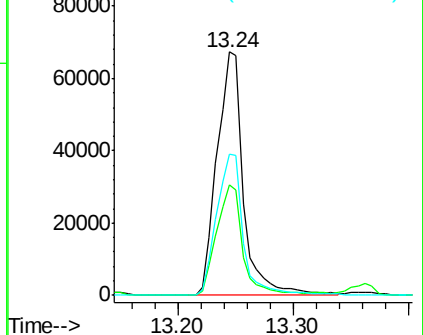
#61
4-Nitroaniline
Concen: 47.28 ng
RT: 13.24 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 106919
Ion Ratio Lower Upper
138 100
92 45.3 21.8 61.8
108 58.1 42.3 82.3

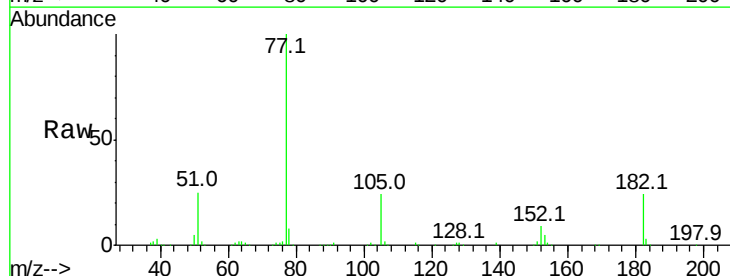


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

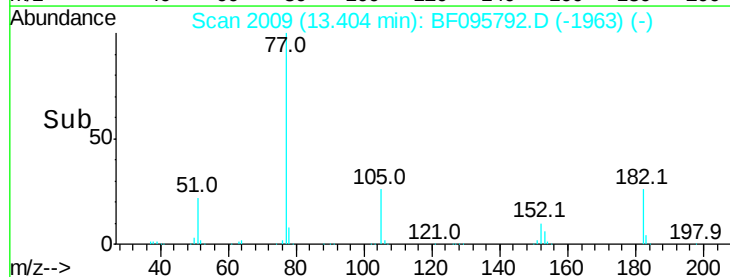
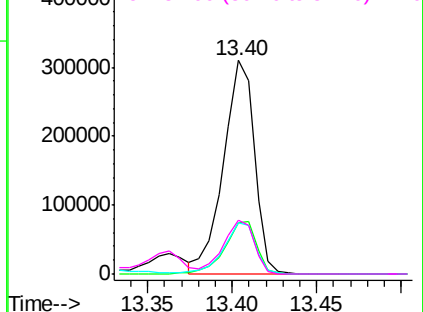


#62
Azobenzene
Concen: 47.61 ng
RT: 13.40 min Scan# 2009
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion: 77 Resp: 395761
Ion Ratio Lower Upper
77 100
182 23.7 0.1 40.1
105 23.8 3.6 43.6
51 25.4 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

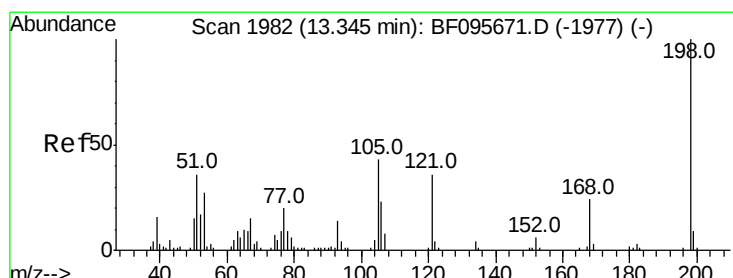
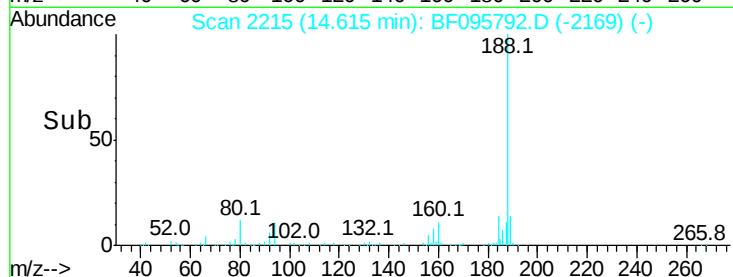
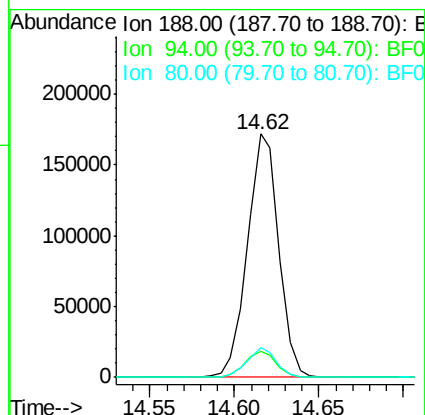
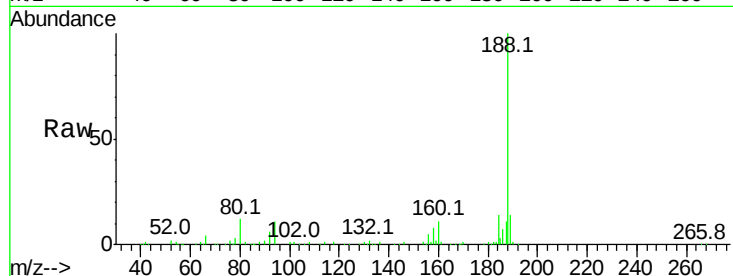




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

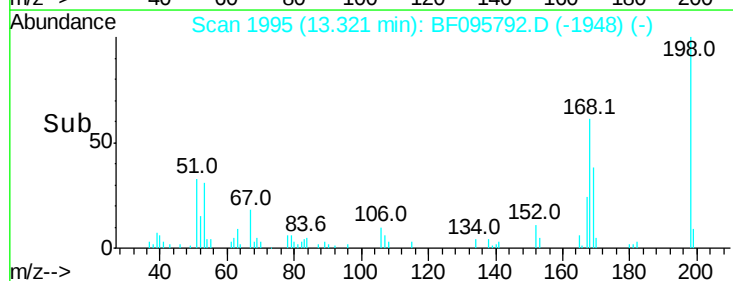
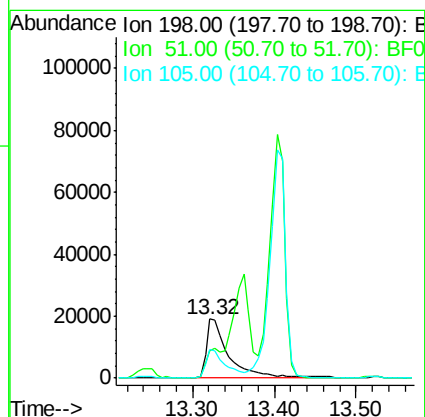
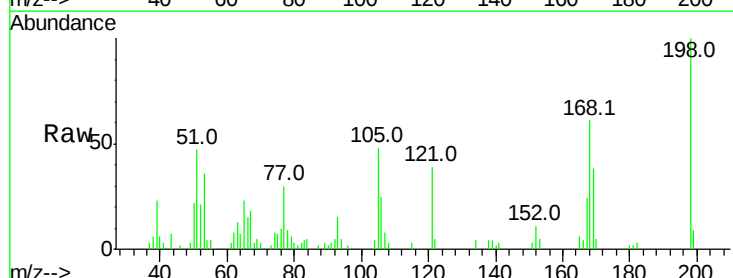
Instrument :
BNA_F
ClientSampleId :

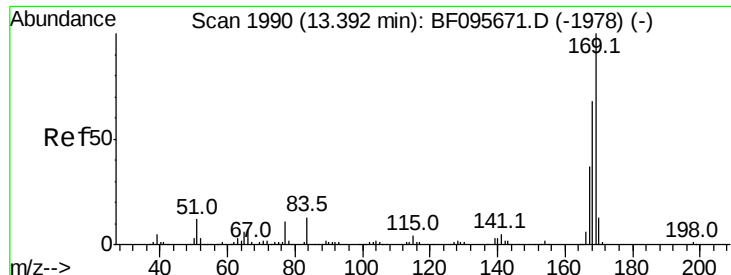
Tot Ion:188 Resp: 221573
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 12.0 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 25.47 ng
RT: 13.32 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:198 Resp: 37096
Ion Ratio Lower Upper
198 100
51 47.2 53.2 93.2#
105 48.3 45.8 85.8

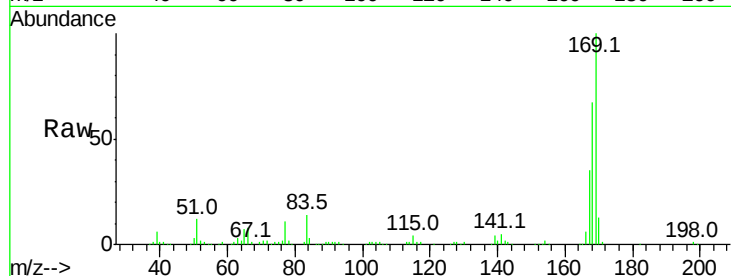




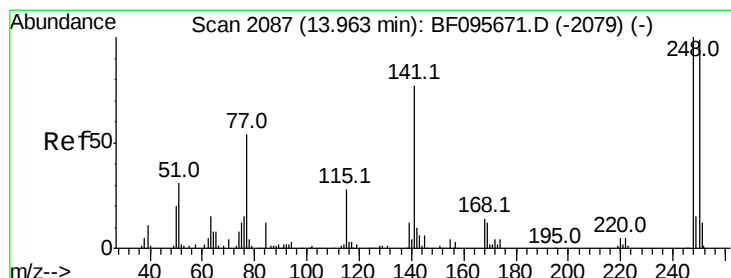
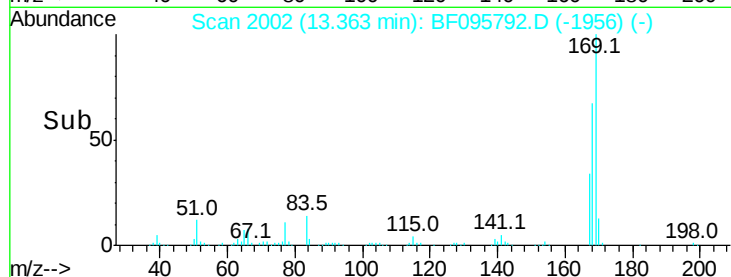
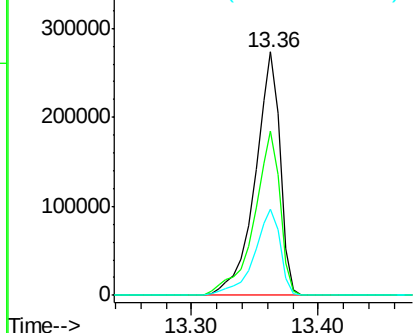
#65
 n-Nitrosodiphenylamine
 Concen: 47.25 ng
 RT: 13.36 min Scan# 2002
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 376207
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.2 79.8
 167 35.4 29.5 44.3

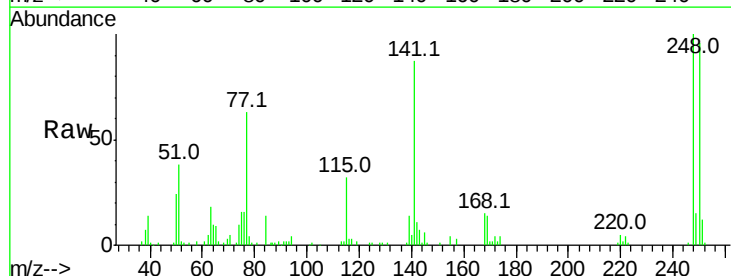


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

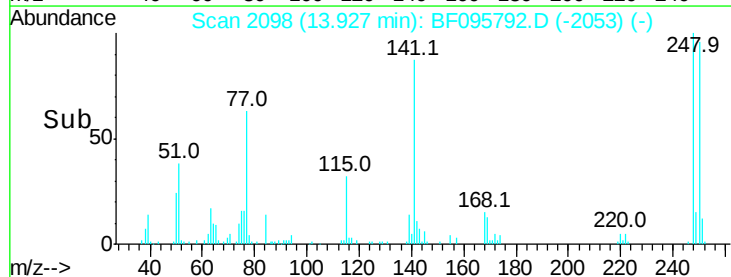
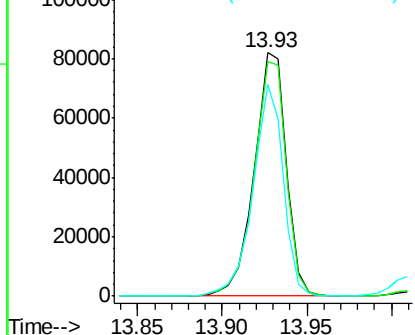


#66
 4-Bromophenyl-phenylether
 Concen: 46.96 ng
 RT: 13.93 min Scan# 2098
 Delta R.T. -0.04 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion:248 Resp: 108144
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.8 115.2
 141 87.1 68.6 103.0



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

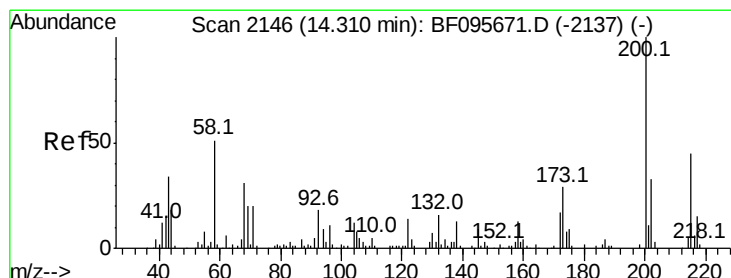
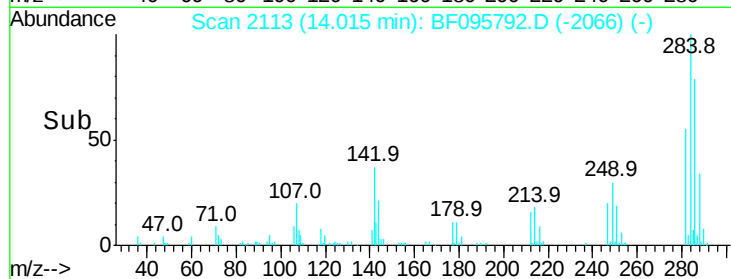
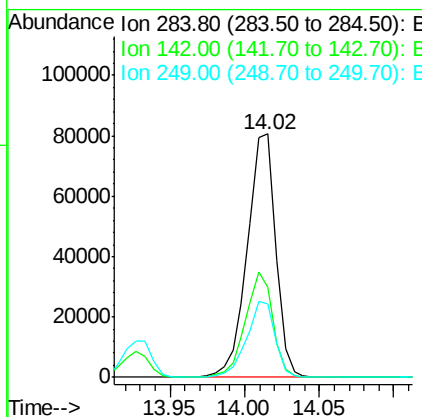
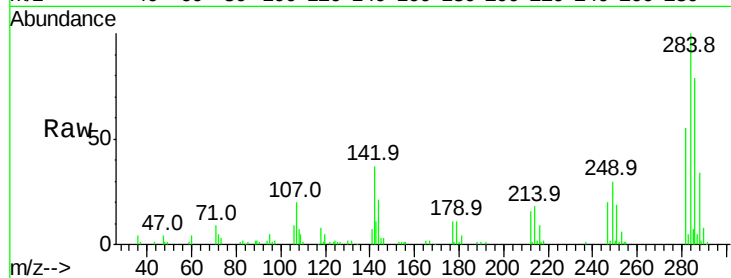




#67
Hexachlorobenzene
Concen: 46.67 ng
RT: 14.02 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

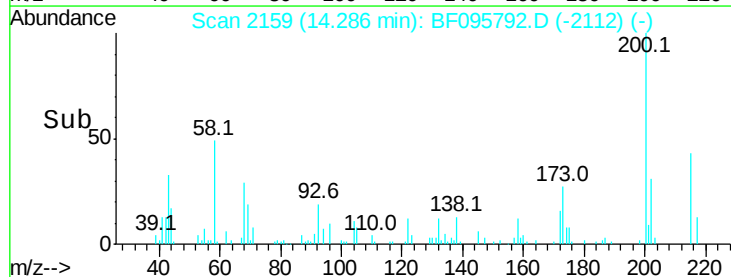
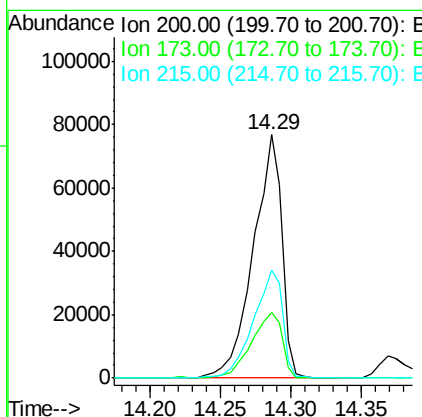
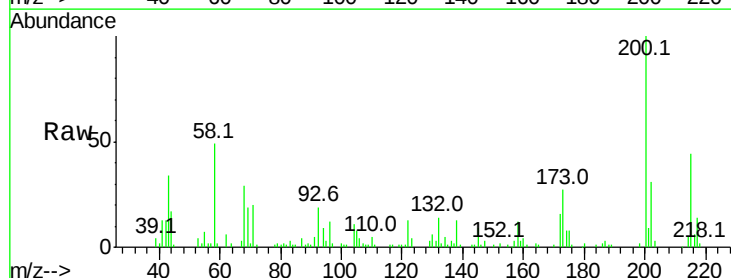
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 105911
Ion Ratio Lower Upper
284 100
142 36.9 22.8 34.2#
249 30.1 24.0 36.0



#68
Atrazine
Concen: 49.49 ng
RT: 14.29 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:200 Resp: 109652
Ion Ratio Lower Upper
200 100
173 26.7 6.3 46.3
215 44.2 27.2 67.2

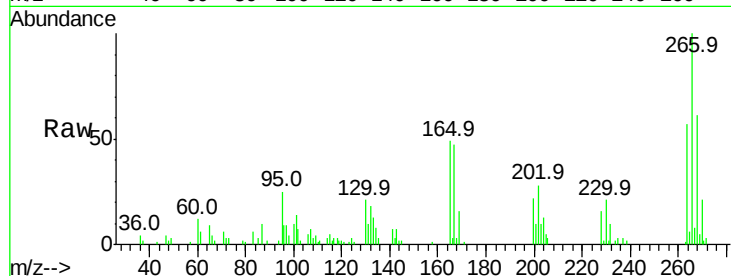




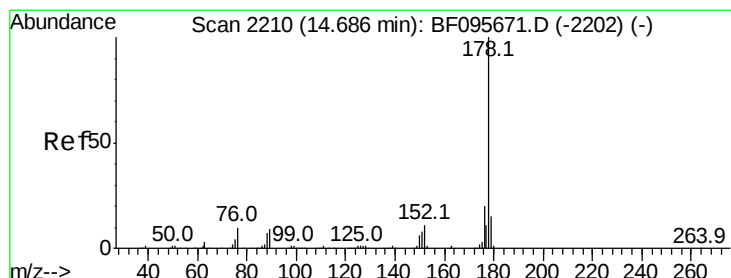
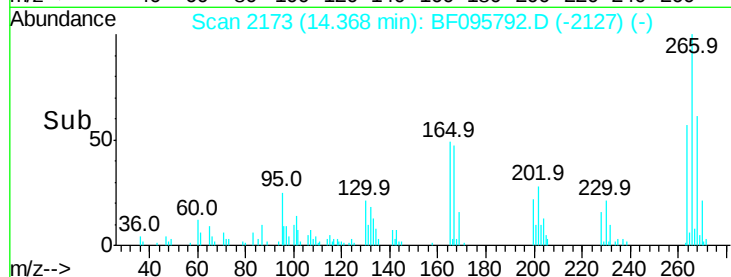
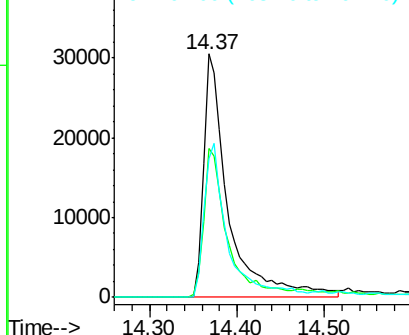
#69
 Pentachlorophenol
 Concen: 70.50 ng
 RT: 14.37 min Scan# 2173
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 59919
 Ion Ratio Lower Upper
 266 100
 268 61.1 51.1 76.7
 264 57.1 51.7 77.5

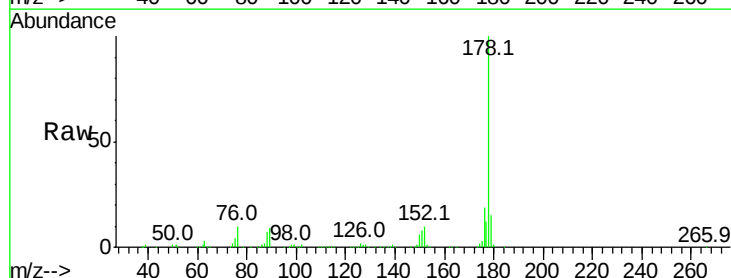


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

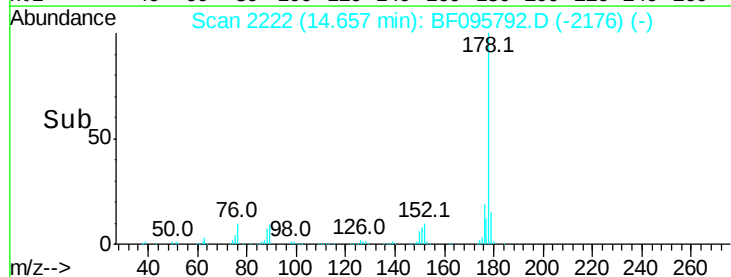
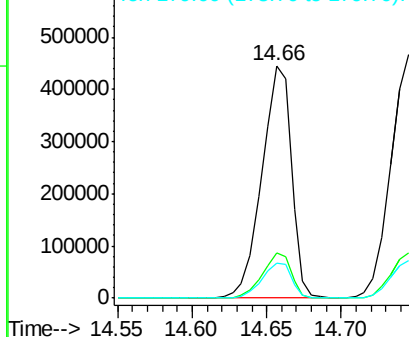


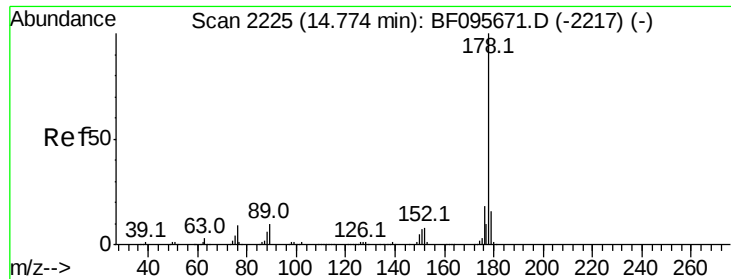
#70
 Phenanthrene
 Concen: 47.56 ng
 RT: 14.66 min Scan# 2222
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion:178 Resp: 608014
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.2 12.6 19.0



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

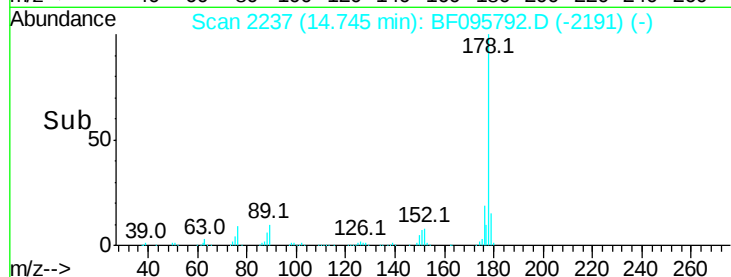
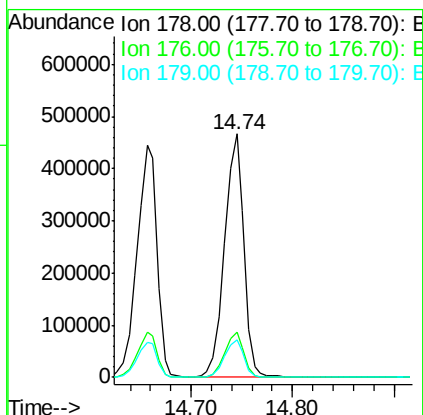
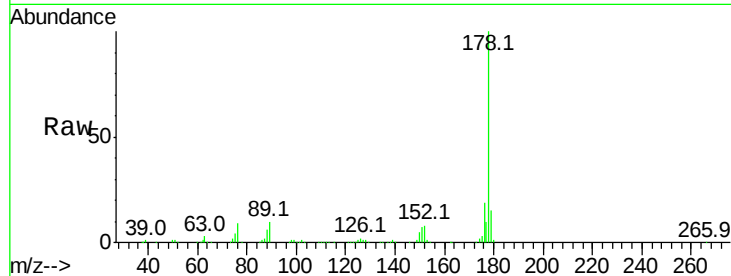




#71
 Anthracene
 Concen: 46.19 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

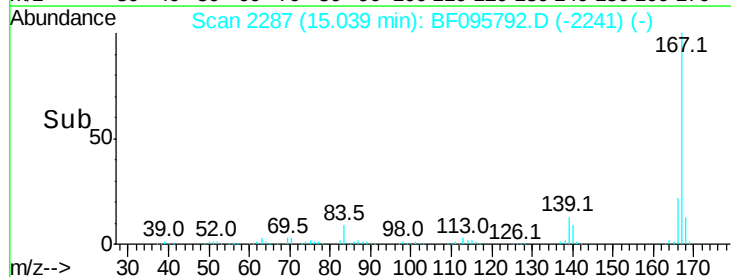
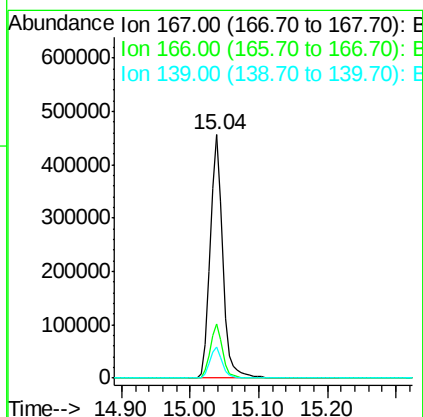
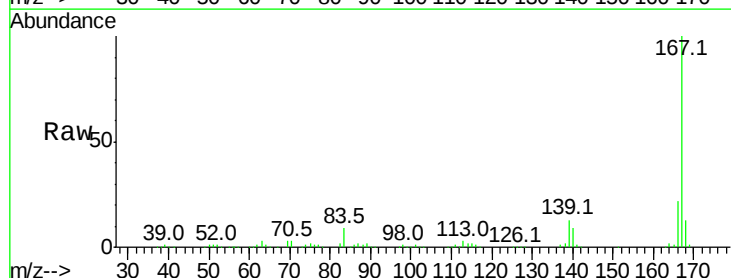
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 616534
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 44.91 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion:167 Resp: 584086
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.5 11.7 17.5

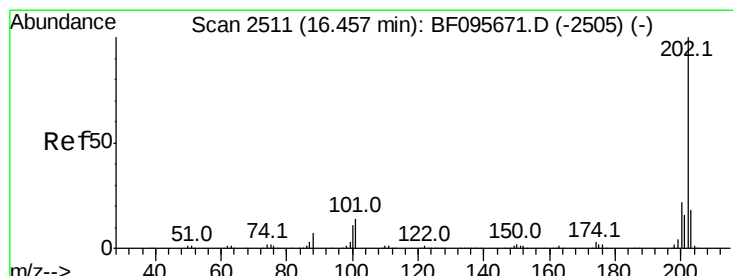
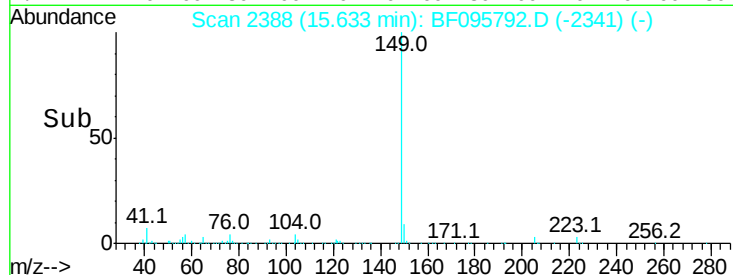
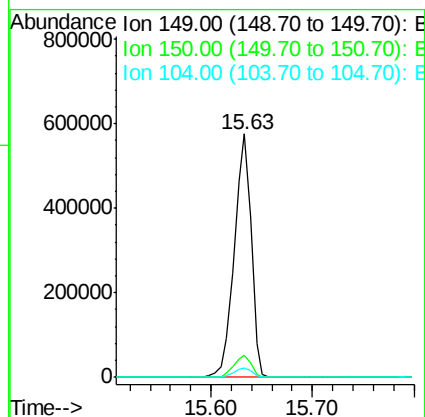
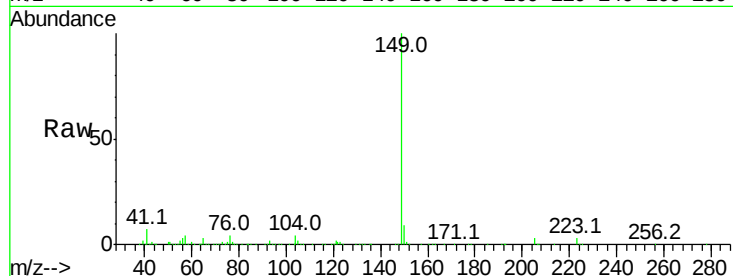




#73
Di-n-butylphthalate
Concen: 48.18 ng
RT: 15.63 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

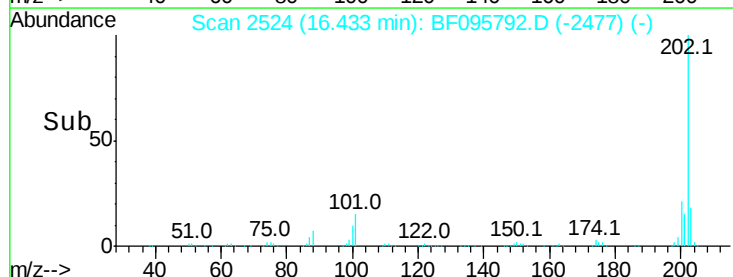
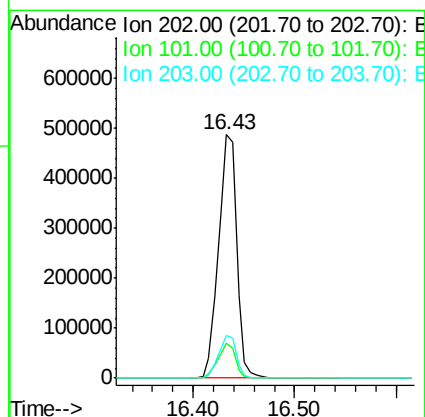
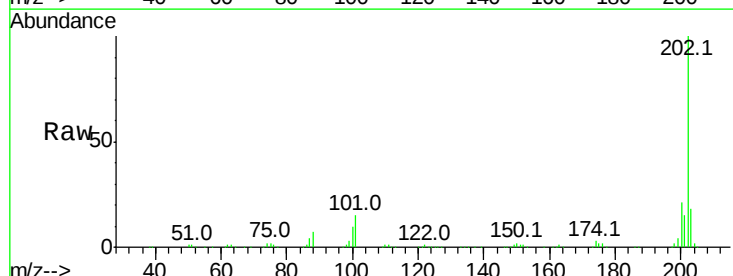
Instrument :
BNA_F
ClientSampleId :

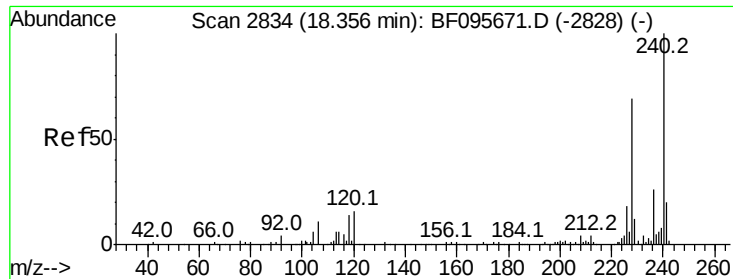
Tot Ion:149 Resp: 666720
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.0 4.0 6.0#



#74
Fluoranthene
Concen: 48.18 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:202 Resp: 609667
Ion Ratio Lower Upper
202 100
101 14.5 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

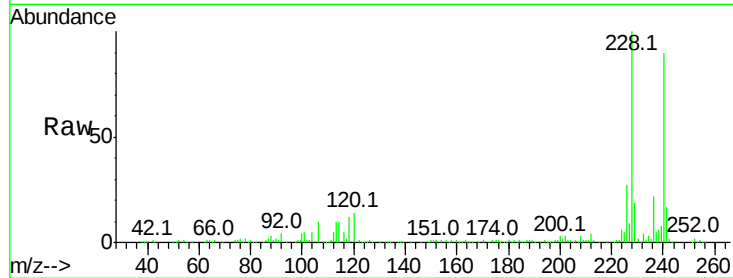
Tot Ion:240 Resp: 167894

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

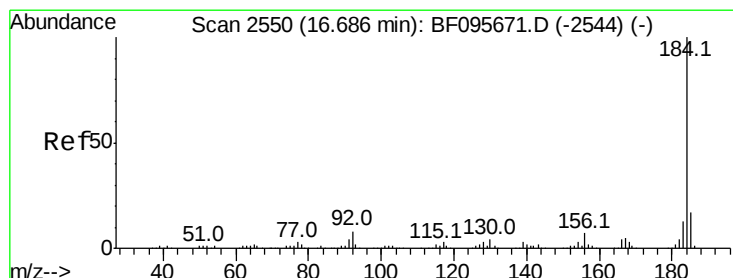
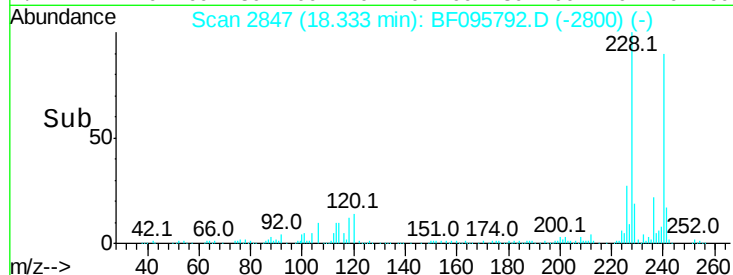
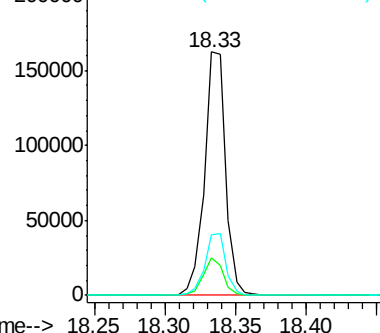
236 24.8 20.5 30.7



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: 35.47 ng

RT: 16.66 min Scan# 2563

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

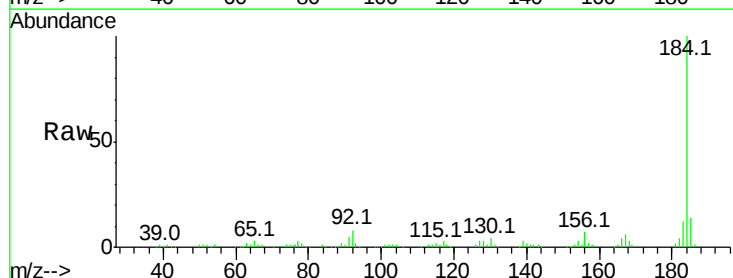
Tgt Ion:184 Resp: 228710

Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

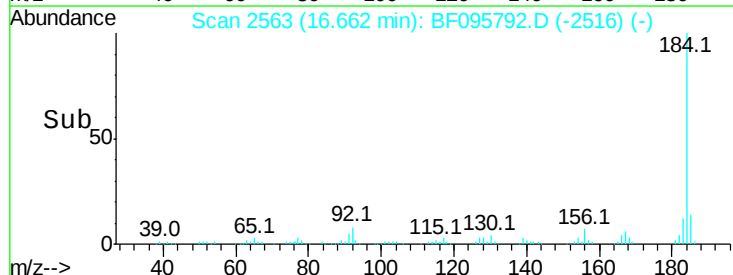
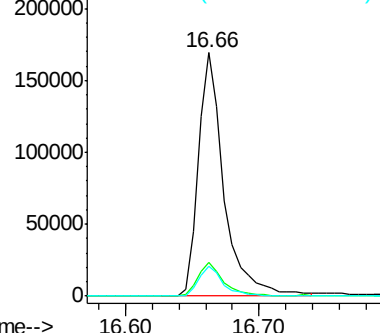
183 12.2 9.8 14.6

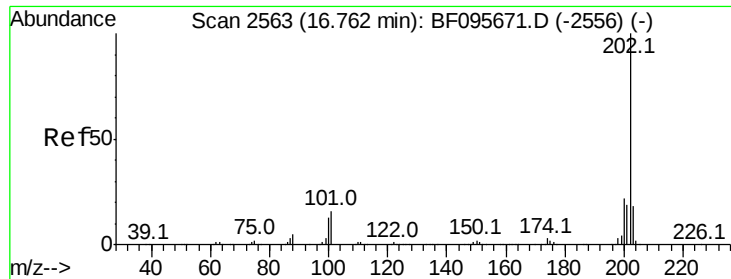


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

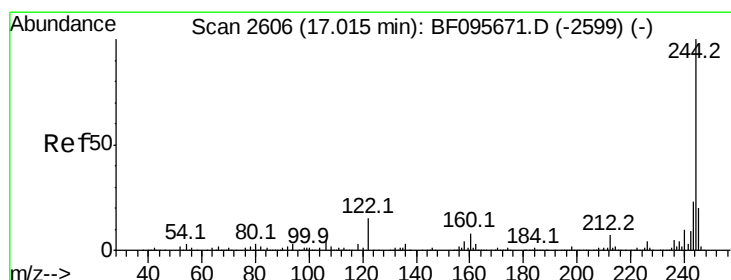
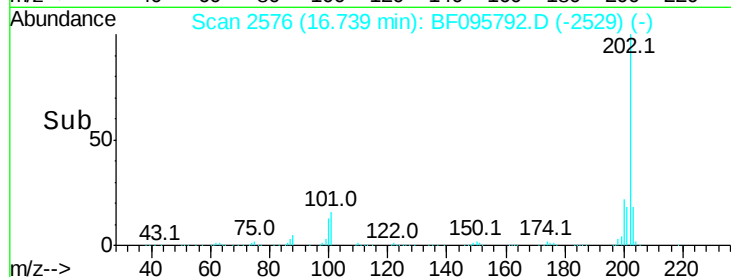
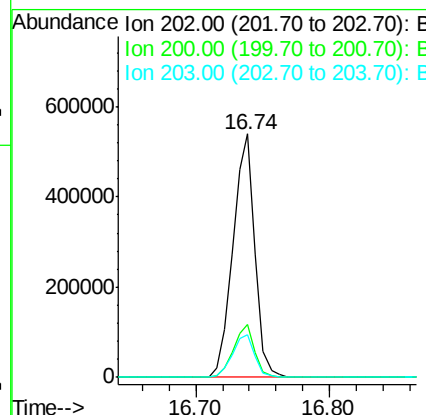
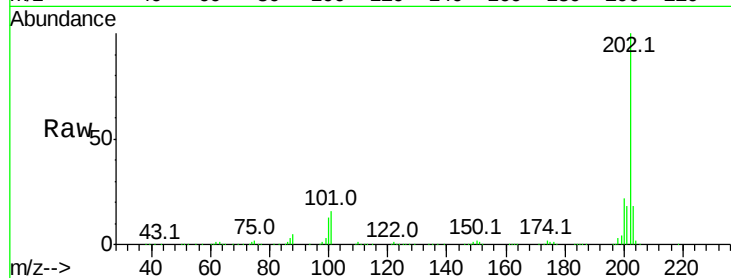




#77
Pvrene
Concen: 49.56 ng
RT: 16.74 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

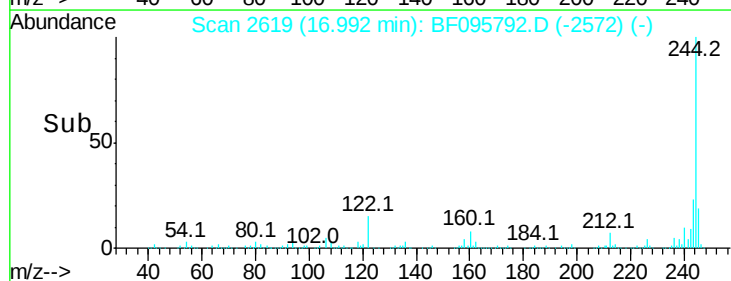
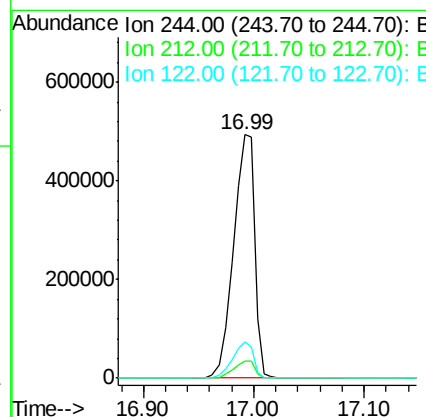
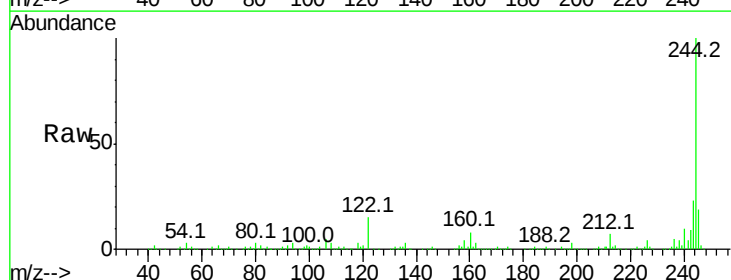
Instrument :
BNA_F
ClientSampleId :

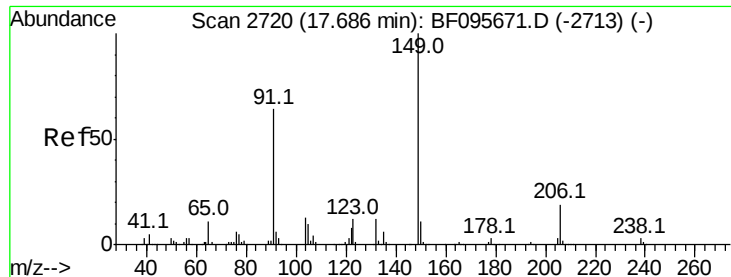
Tot Ion:202 Resp: 620920
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 98.08 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:244 Resp: 663511
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 15.1 10.3 15.5





#79

Butylbenzylphthalate

Concen: 50.62 ng

RT: 17.66 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

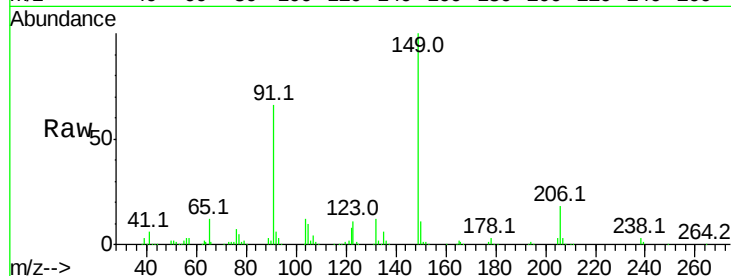
Tot Ion:149 Resp: 276955

Ion Ratio Lower Upper

149 100

91 66.3 45.0 67.4

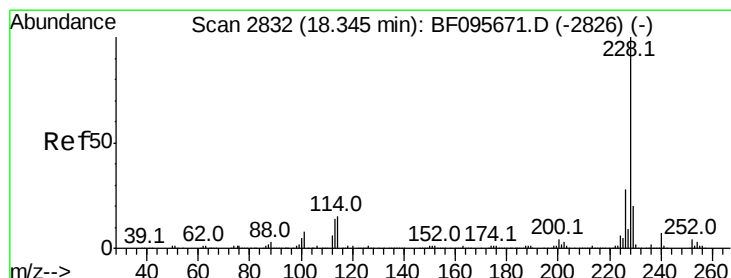
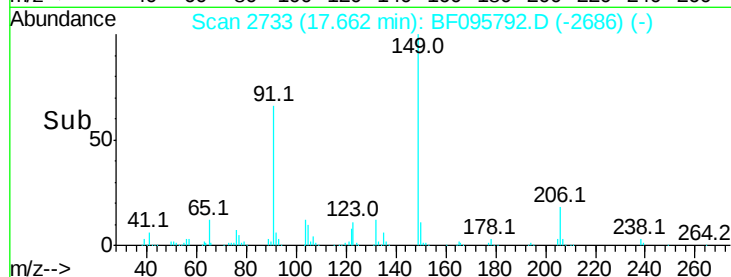
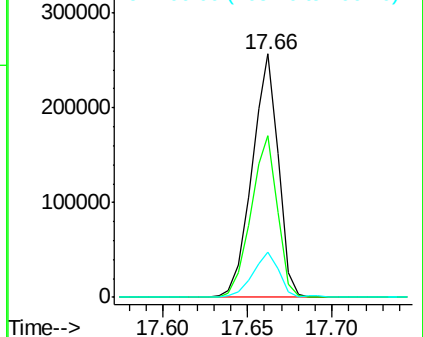
206 18.3 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.54 ng

RT: 18.33 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

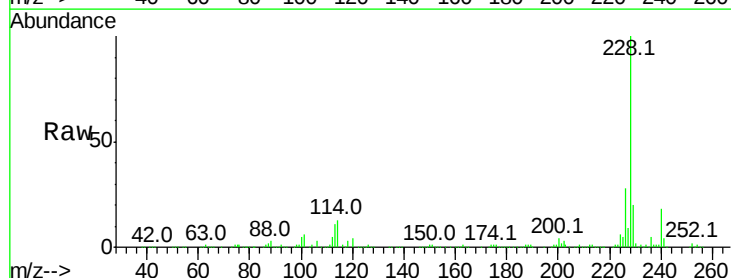
Tgt Ion:228 Resp: 464092

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

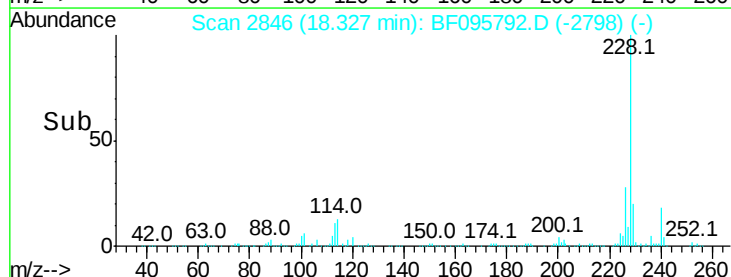
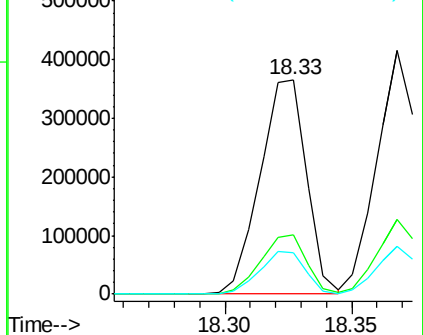
229 19.6 16.3 24.5



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

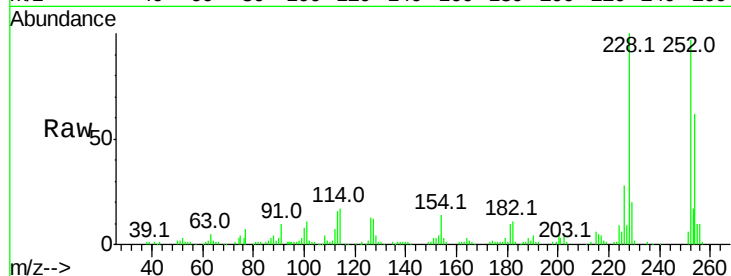




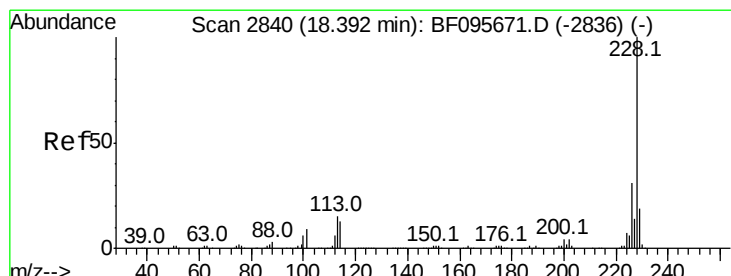
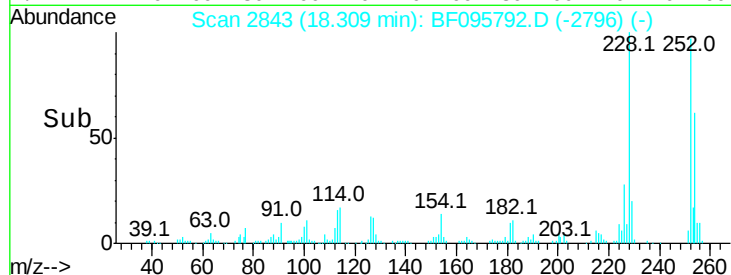
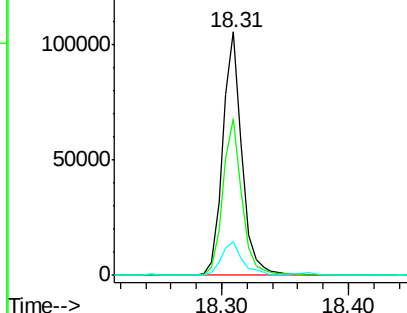
#81
 3,3'-Dichlorobenzidine
 Concen: 32.00 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 111042
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.5 77.3
 126 13.9 15.8 23.8#



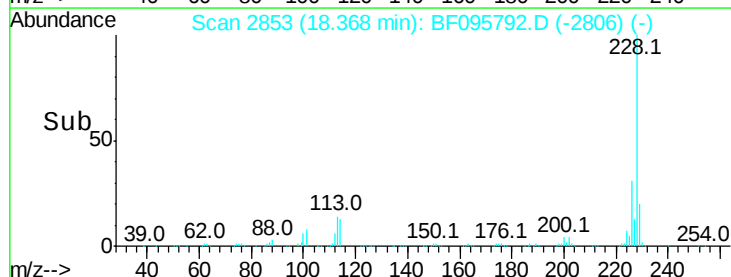
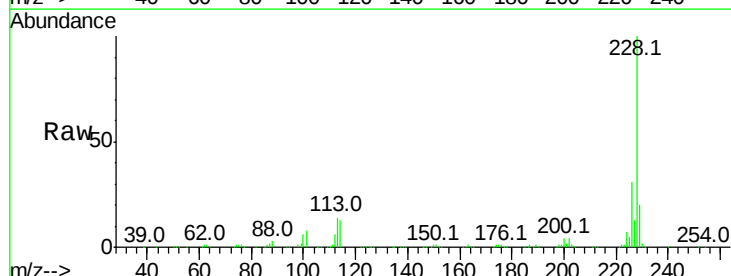
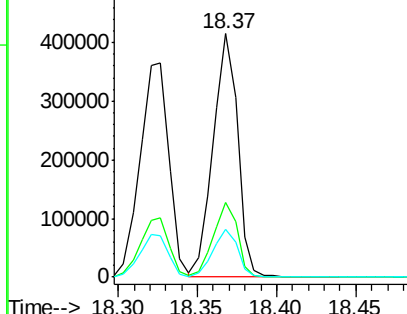
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

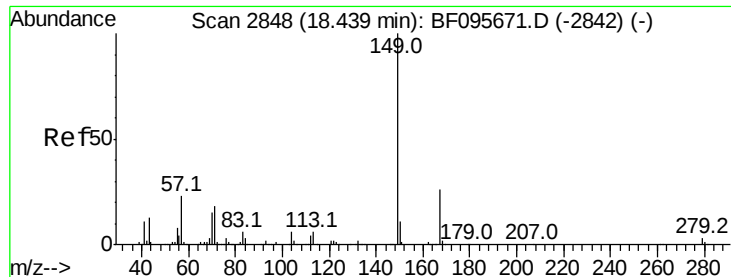


#82
 Chrysene
 Concen: 45.94 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion:228 Resp: 448193
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 19.5 15.8 23.6

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

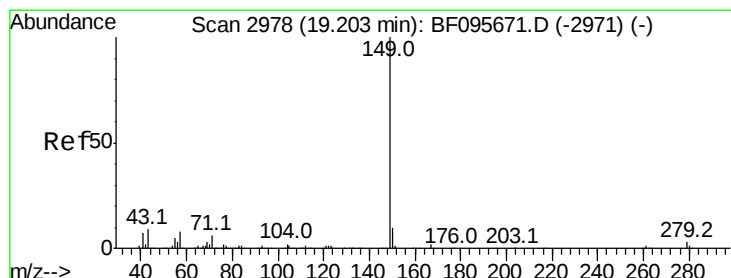
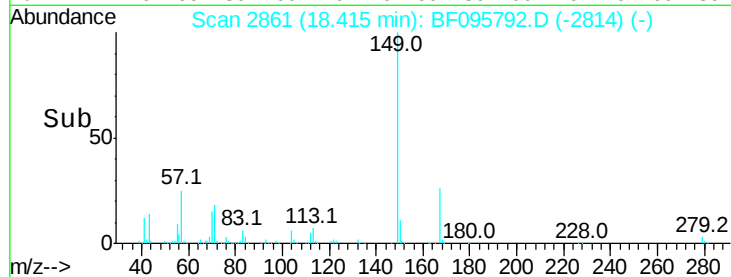
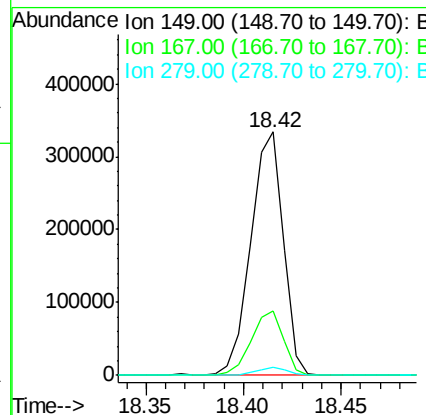
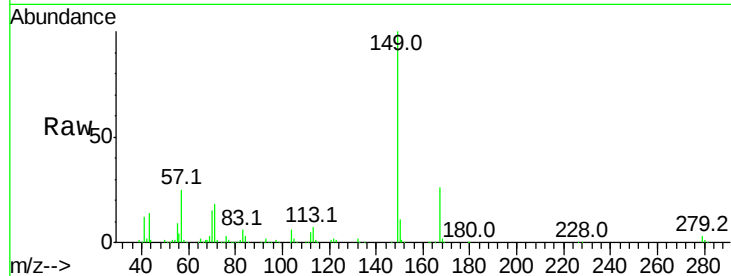




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.96 ng
 RT: 18.42 min Scan# 2861
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

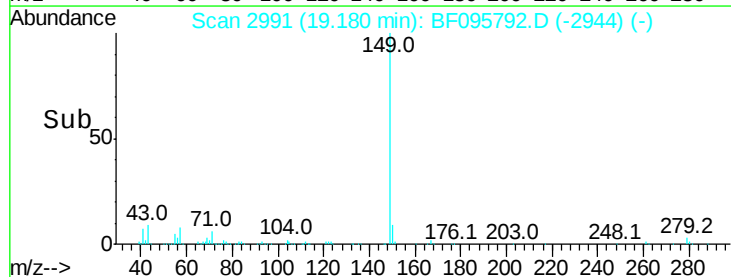
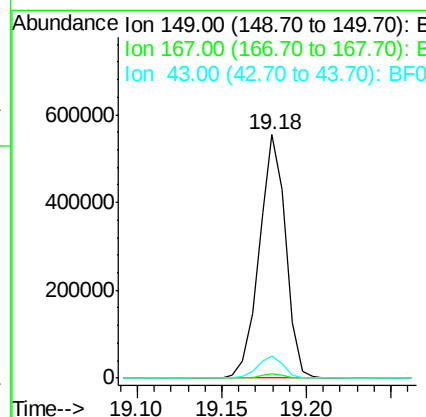
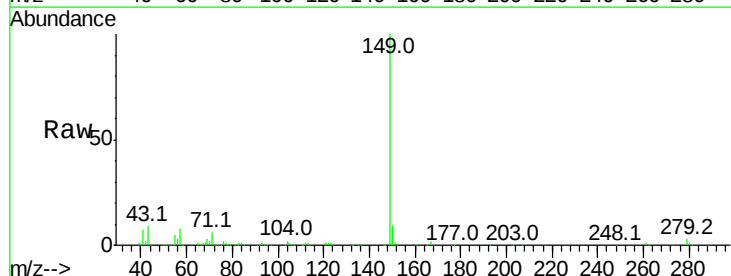
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 385568
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 47.20 ng
 RT: 19.18 min Scan# 2991
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion:149 Resp: 600278
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.9 8.5 12.7

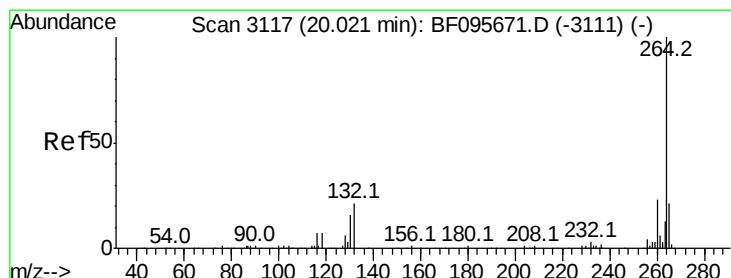
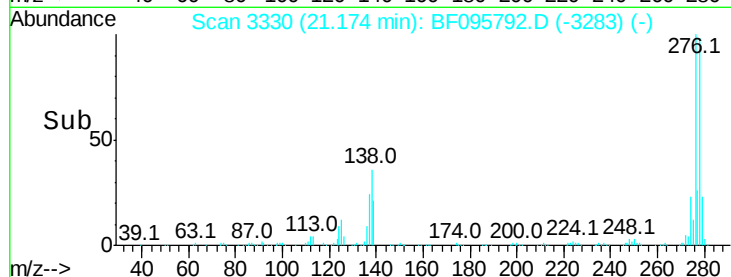
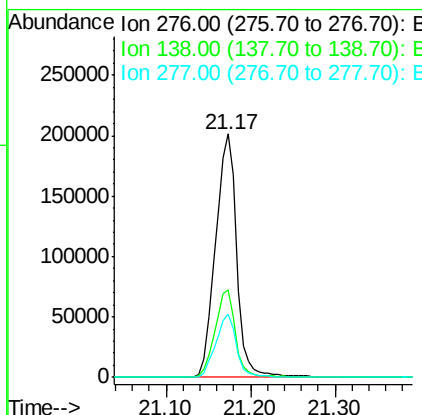
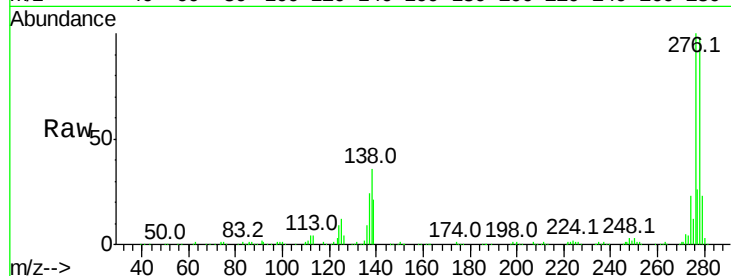




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.55 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

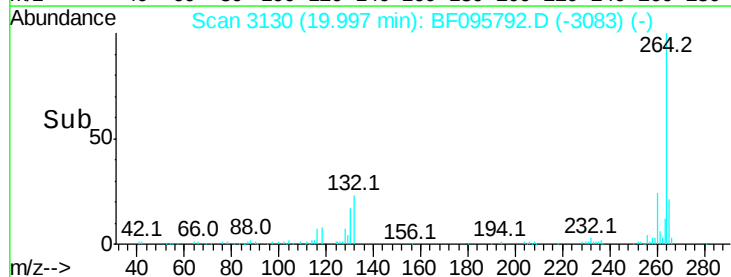
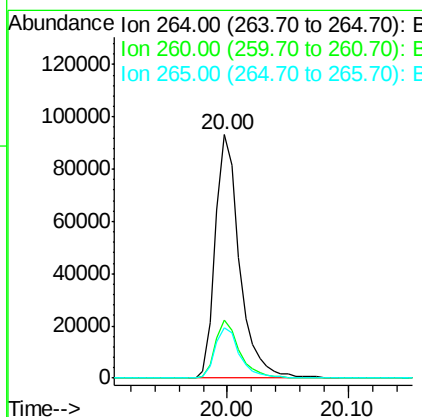
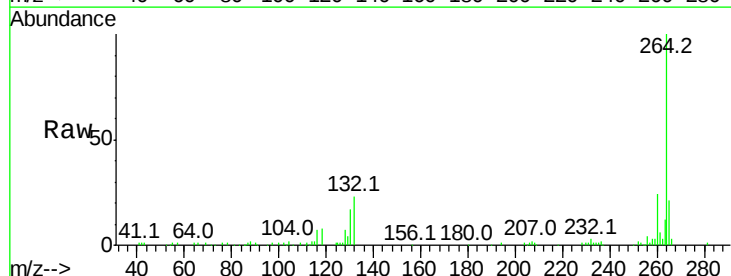
Instrument :
BNA_F
ClientSampled :

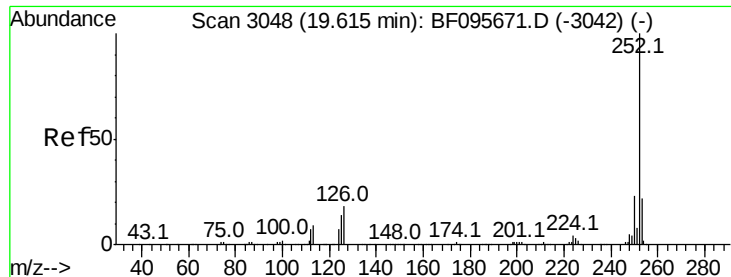
Tot Ion:276 Resp: 355110
Ion Ratio Lower Upper
276 100
138 34.9 27.8 41.6
277 25.3 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:264 Resp: 128795
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 20.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 46.81 ng

RT: 19.60 min Scan# 3062

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

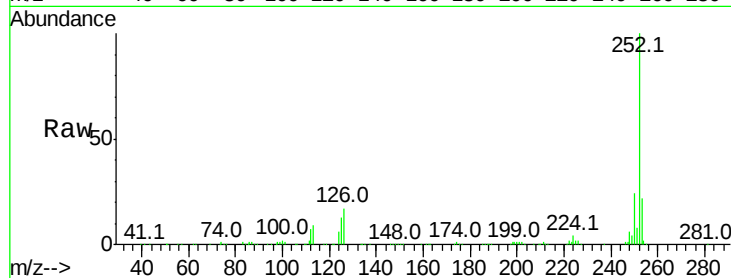
Tot Ion:252 Resp: 377502

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

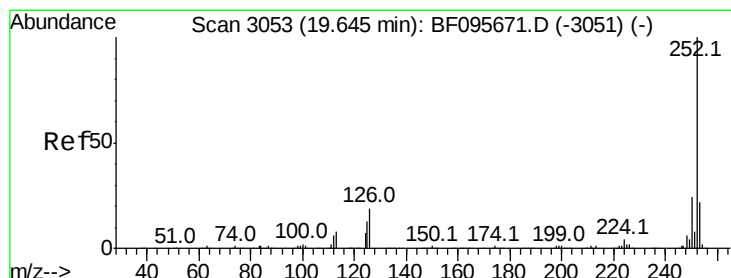
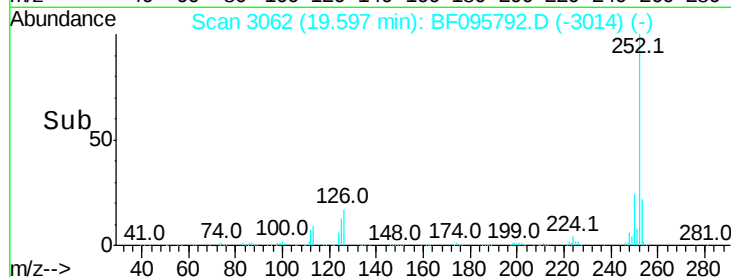
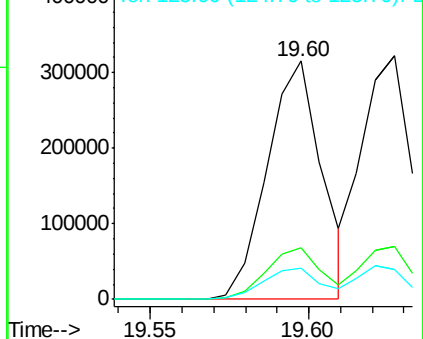
125 12.8 9.8 14.8



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: 47.37 ng

RT: 19.63 min Scan# 3067

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

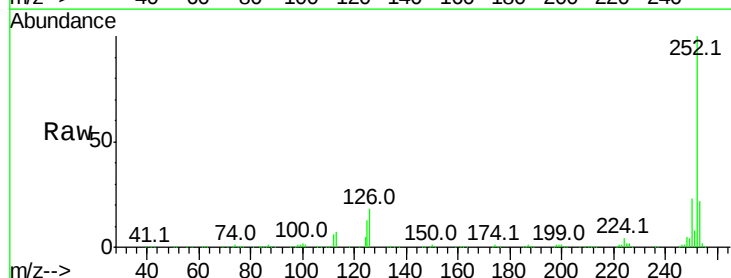
Tgt Ion:252 Resp: 365179

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

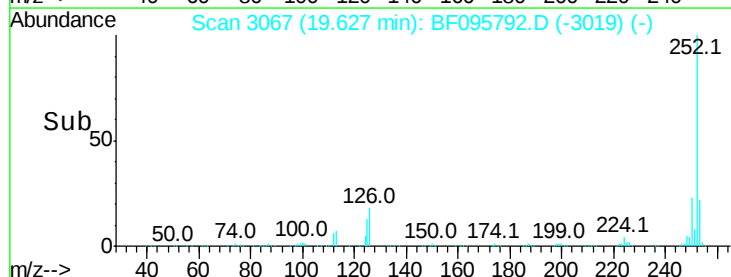
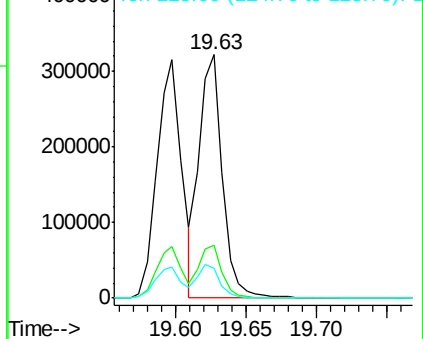
125 12.5 13.1 19.7#

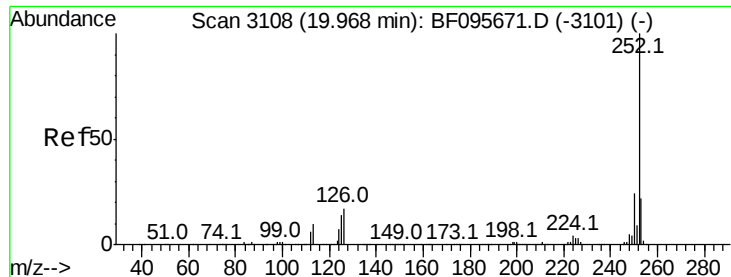


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

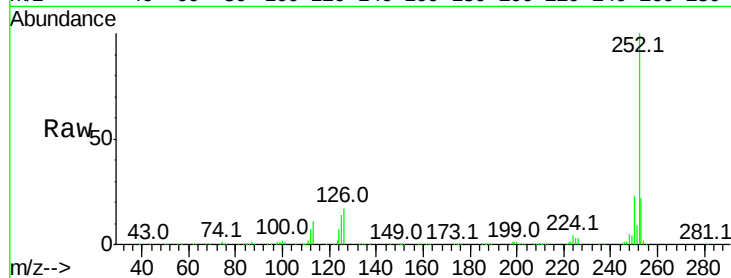




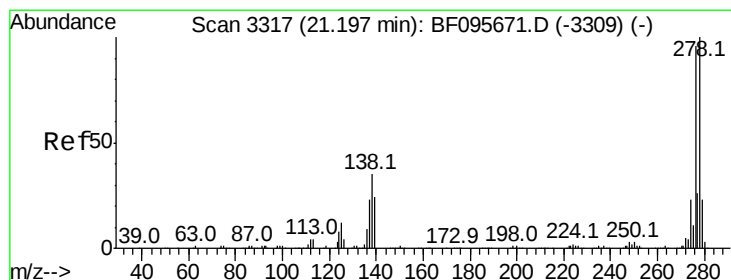
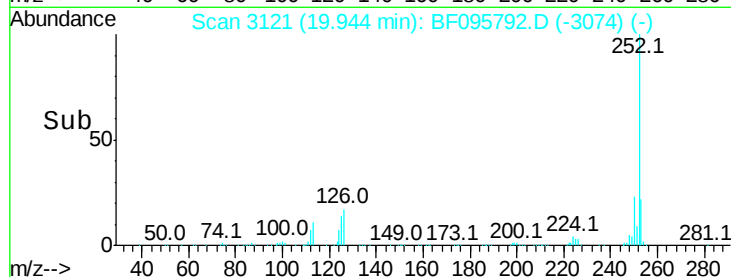
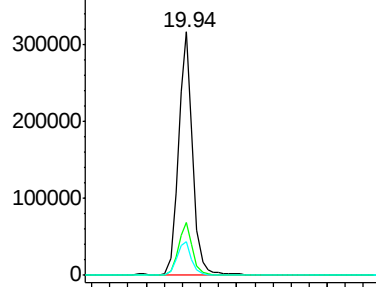
#89
Benzo(a)pyrene
Concen: 46.82 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 347019
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 13.9 11.0 16.4

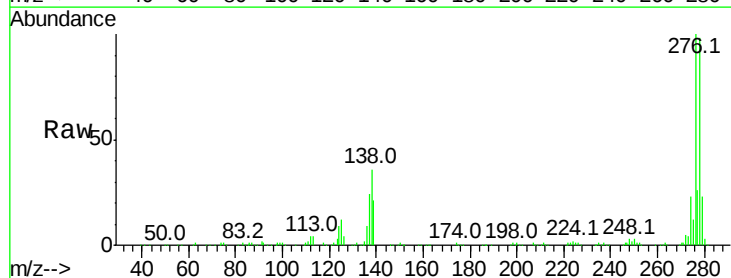


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

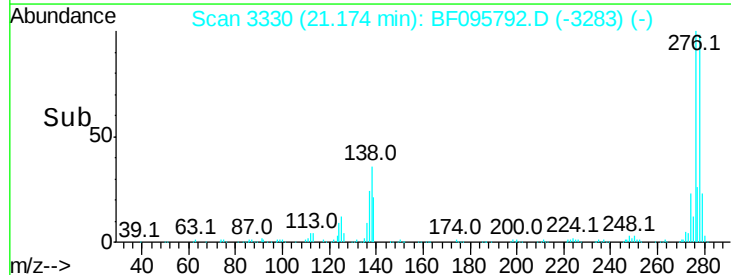
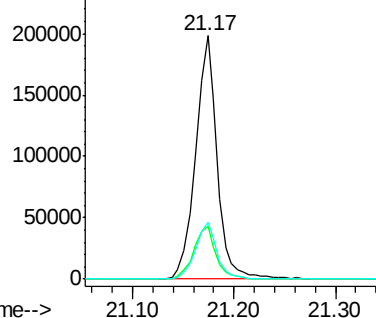


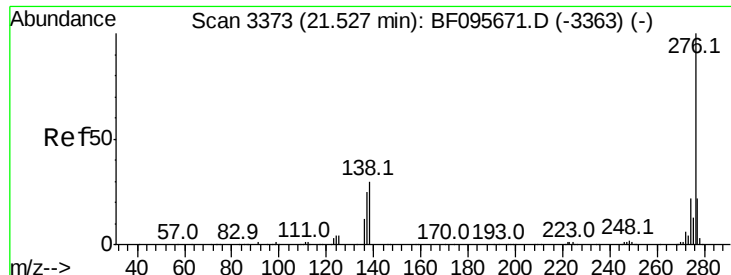
#90
Dibenzo(a,h)anthracene
Concen: 46.43 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:278 Resp: 291962
Ion Ratio Lower Upper
278 100
139 21.5 16.6 24.8
279 23.5 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: 47.68 ng

RT: 21.50 min Scan# 3385

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

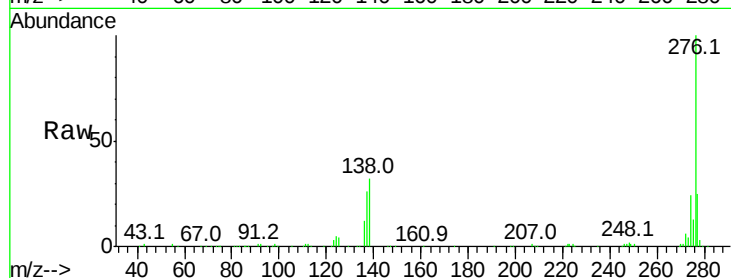
Tot Ion:276 Resp: 305657

Ion Ratio Lower Upper

276 100

277 24.7 18.6 28.0

138 32.1 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

