

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099793.D
 Acq On : 24 Oct 2017 17:35
 Operator : SJ/JU
 Sample : I5956-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 07:36:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	94664	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	386418	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	173230	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	276528	20.00	ng	0.00
75) Chrysene-d12	13.98	240	160930	20.00	ng	0.00
86) Perylene-d12	15.45	264	171910	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	743818	123.36	ng	0.01
7) Phenol-d6	6.45	99	894803	125.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	516094	85.99	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	178289	112.94	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	980188	87.30	ng	0.00
78) Terphenyl-d14	12.92	244	650299	88.31	ng	0.00

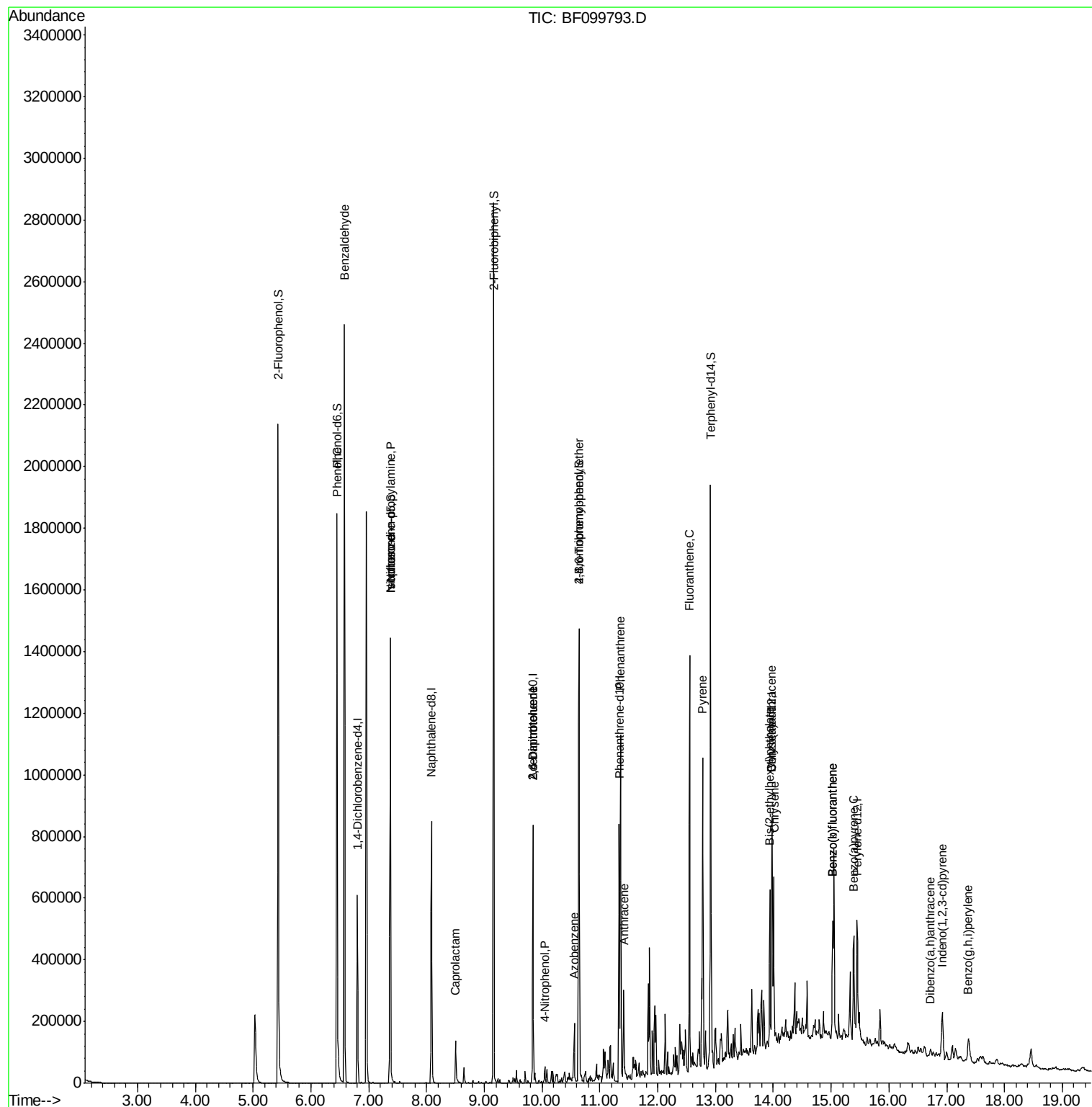
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	13265	3.10	ng	95
10) Phenol	6.46	94	20218	2.58	ng	88
19) n-Nitroso-di-n-propylamine	7.37	70	64046	15.29	ng	# 71
25) Isophorone	7.37	82	516091	47.39	ng	# 64
35) Caprolactam	8.50	113	18504	11.10	ng	# 77
50) 2,6-Dinitrotoluene	9.84	165	23225	8.05	ng	# 26
55) 4-Nitrophenol	10.05	139	5479	3.09	ng	# 9
56) 2,4-Dinitrotoluene	9.84	165	23225	6.69	ng	# 23
62) Azobenzene	10.56	77	26560	2.37	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	11390	3.91	ng	# 1
70) Phenanthrene	11.36	178	394886	25.30	ng	98
71) Anthracene	11.41	178	112429	7.10	ng	98
74) Fluoranthene	12.55	202	496974	30.64	ng	100
77) Pyrene	12.78	202	399810	32.67	ng	99
80) Benzo(a)anthracene	13.97	228	228563	22.40	ng	99
82) Chrysene	14.01	228	198228	20.67	ng	96
83) Bis(2-ethylhexyl)phthalate	13.94	149	140924	16.65	ng	99
85) Indeno(1,2,3-cd)pyrene	16.93	276	69254	7.87	ng	99
87) Benzo(b)fluoranthene	15.03	252	294784	27.16	ng	# 95
88) Benzo(k)fluoranthene	15.03	252	294784	28.80	ng	98
89) Benzo(a)pyrene	15.39	252	159058	16.31	ng	# 97
90) Dibenzo(a,h)anthracene	16.73	278	17903	2.07	ng	93
91) Benzo(g,h,i)perylene	17.38	276	55304	6.52	ng	96

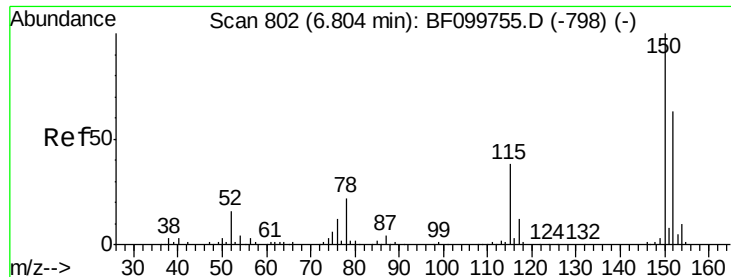
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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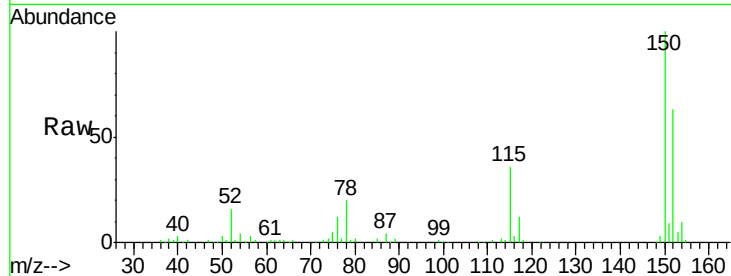


#1

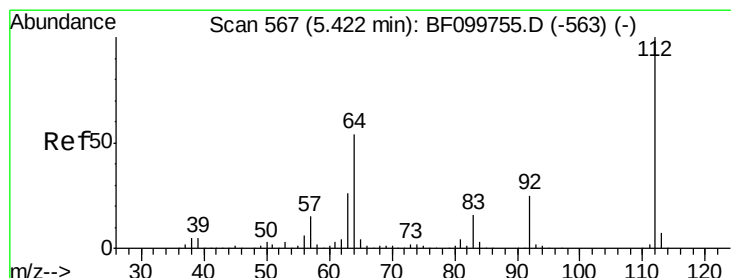
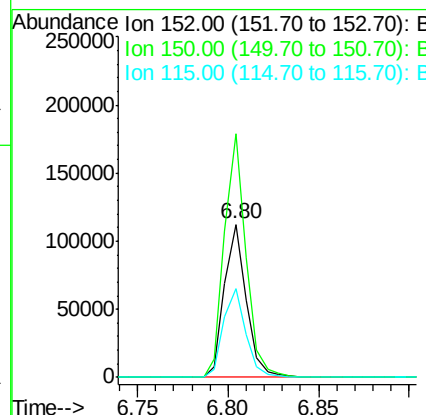
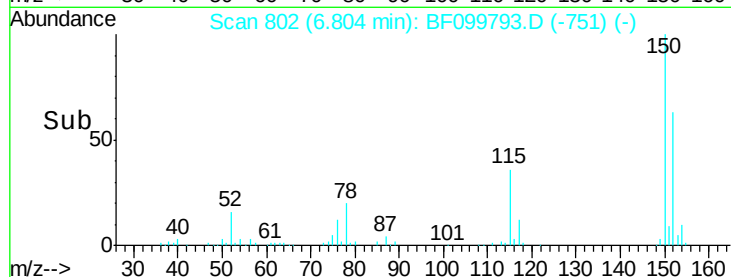
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 94664
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 57.8 50.1 75.1



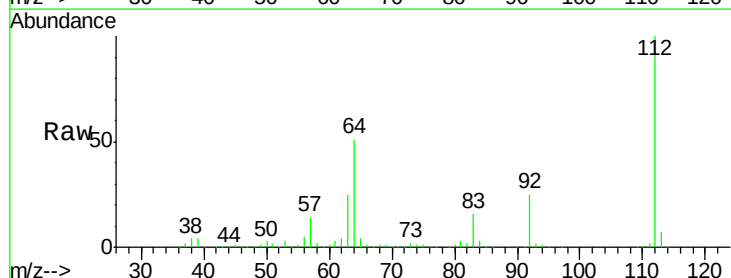
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



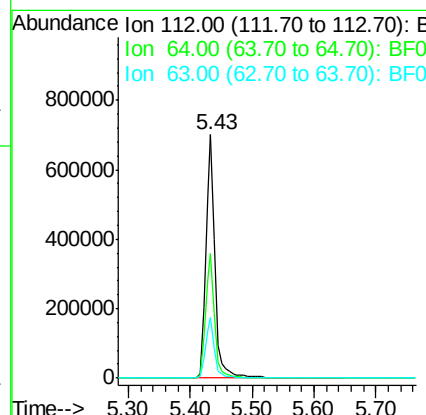
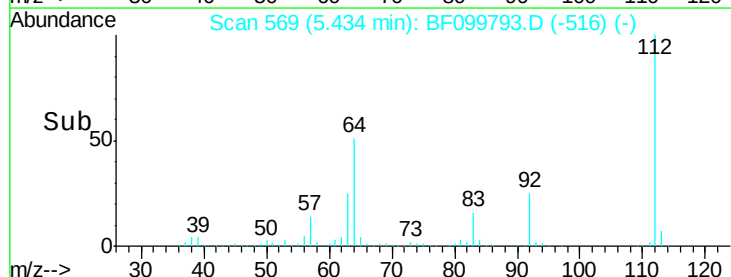
#5

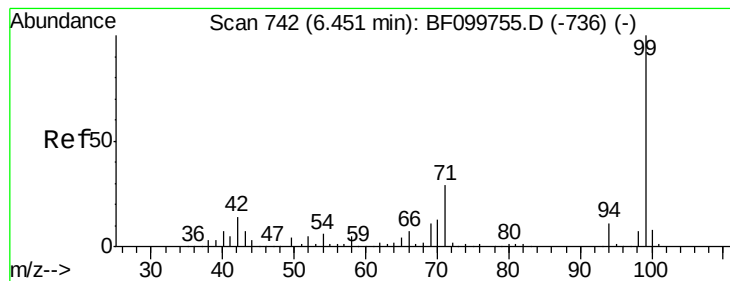
2-Fluorophenol
Concen: 123.36 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

Tgt Ion:112 Resp: 743818
Ion Ratio Lower Upper
112 100
64 51.3 47.9 71.9
63 24.8 23.7 35.5



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





#7

Phenol-d6

Concen: 125.16 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

Instrument :

BNA_F

ClientSampled :

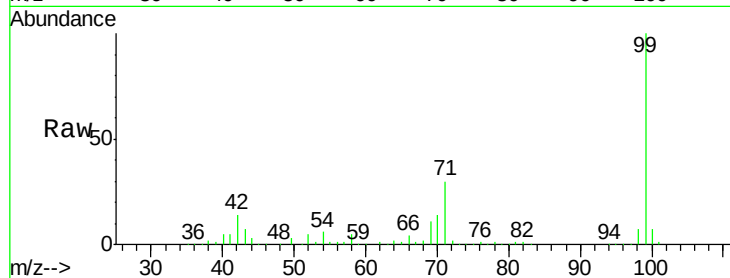
Tot Ion: 99 Resp: 894803

Ion Ratio Lower Upper

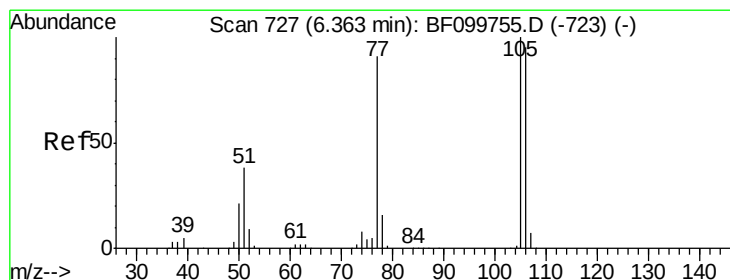
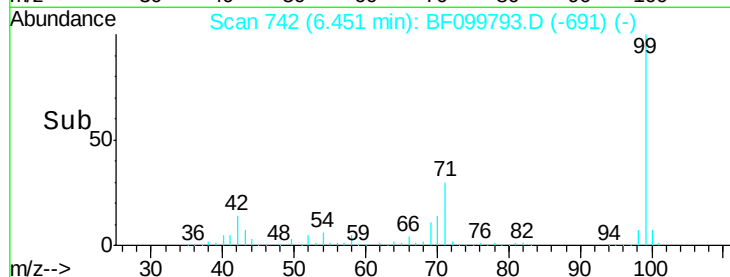
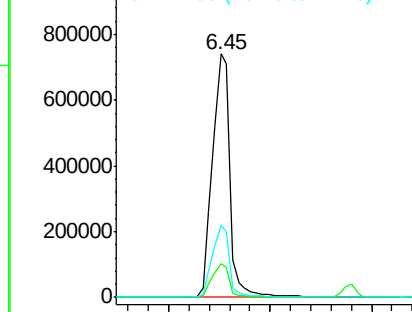
99 100

42 13.9 14.5 21.7#

71 29.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.10 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.22 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

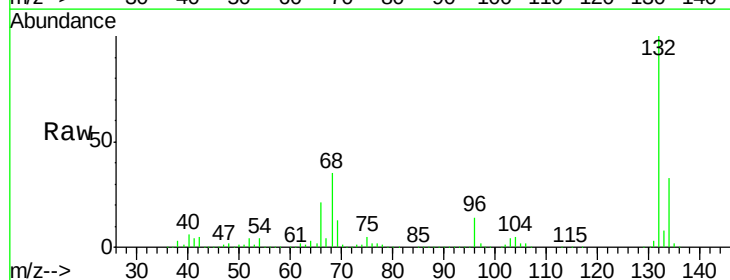
Tgt Ion: 77 Resp: 13265

Ion Ratio Lower Upper

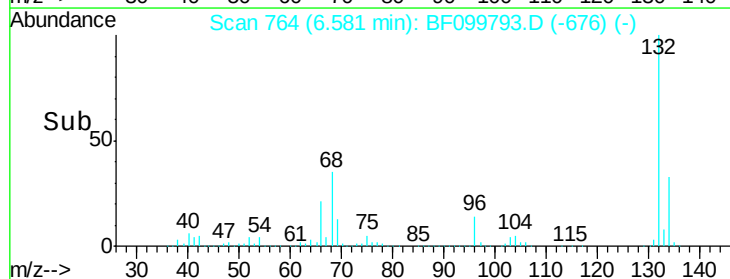
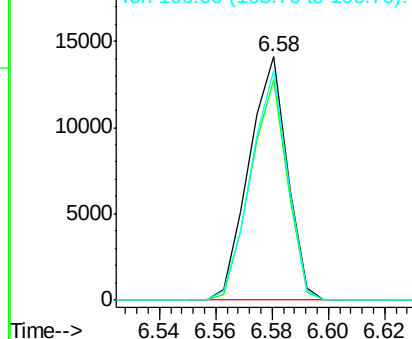
77 100

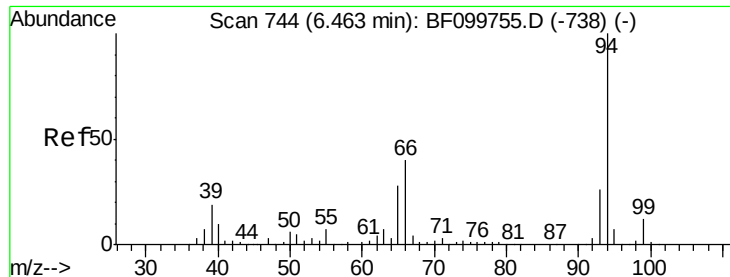
105 90.7 81.1 121.1

106 94.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

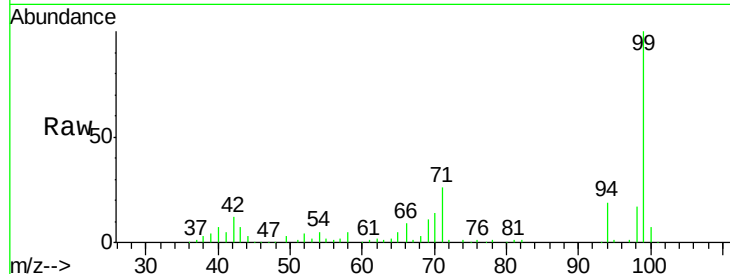




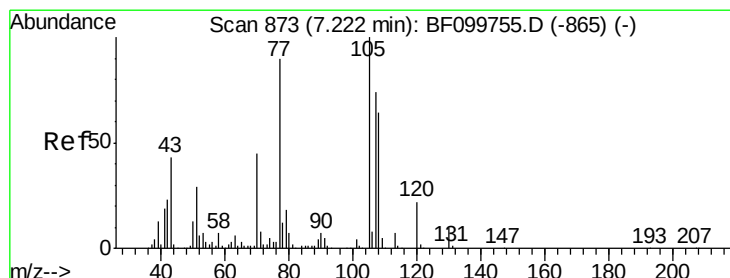
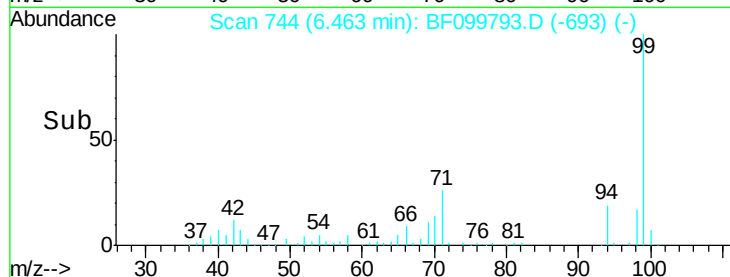
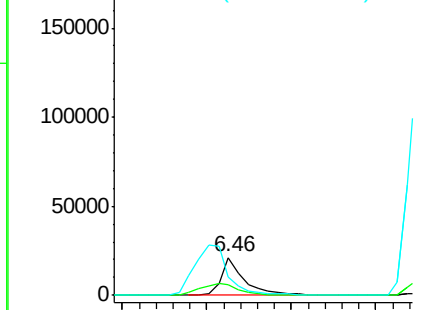
#10
Phenol
Concen: 2.58 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 20218
Ion Ratio Lower Upper
94 100
65 28.7 7.9 47.9
66 47.8 16.2 56.2

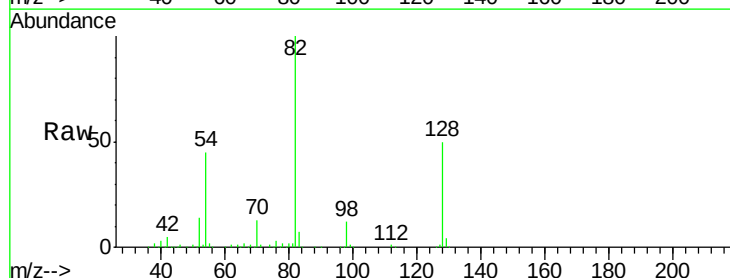


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

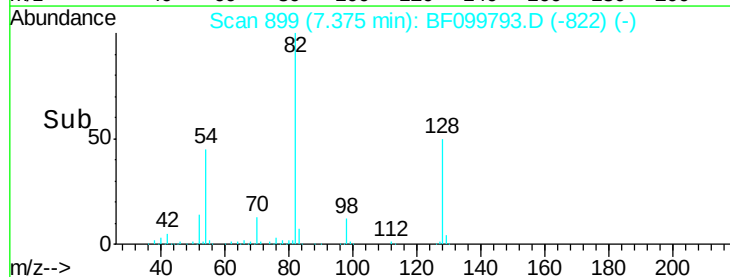
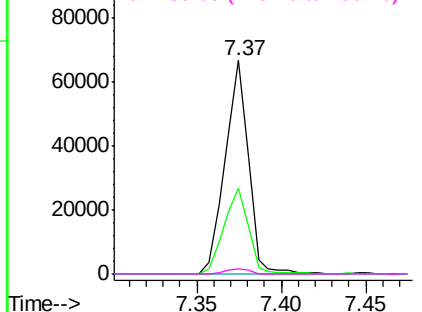


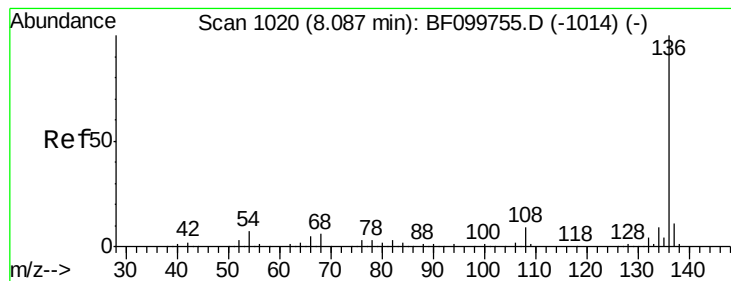
#19
n-Nitroso-di-n-propylamine
Concen: 15.29 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

Tgt Ion: 70 Resp: 64046
Ion Ratio Lower Upper
70 100
42 40.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



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): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 386418

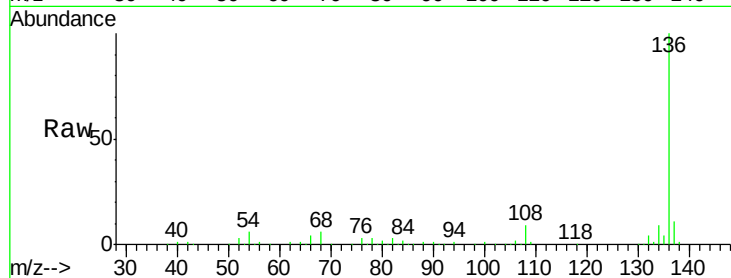
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

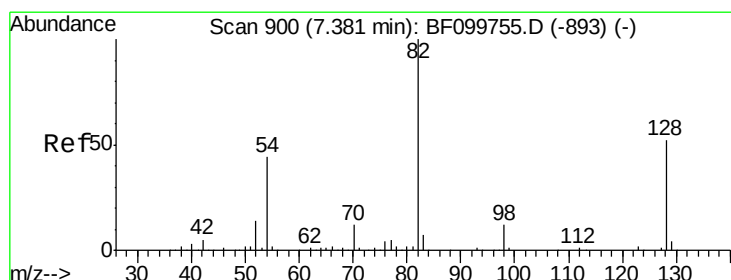
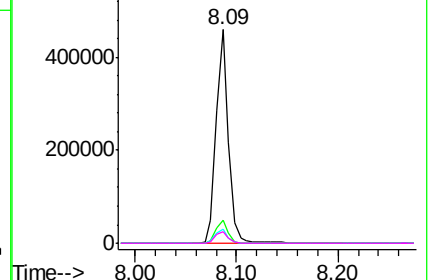
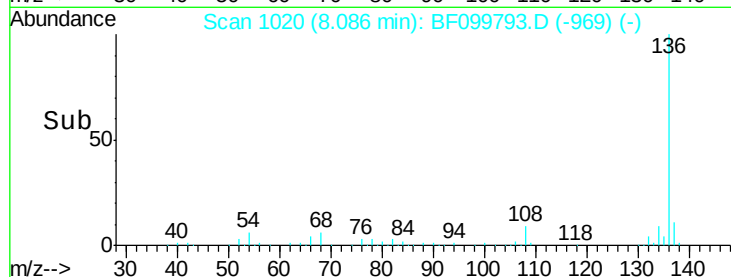


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 85.99 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

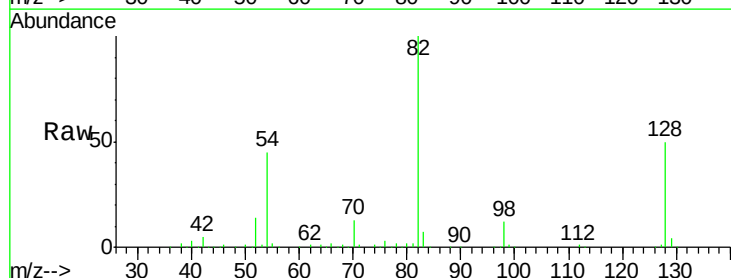
Tgt Ion: 82 Resp: 516094

Ion Ratio Lower Upper

82 100

128 50.5 36.1 54.1

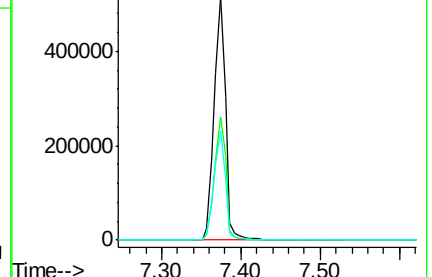
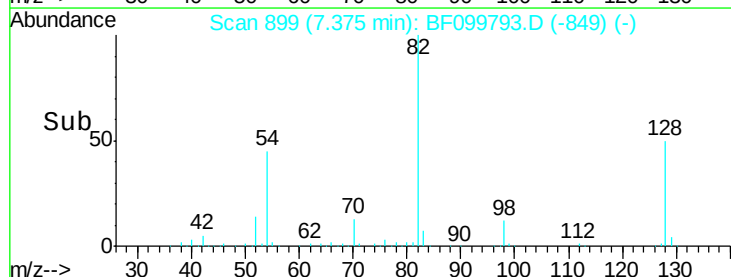
54 44.7 41.4 62.2

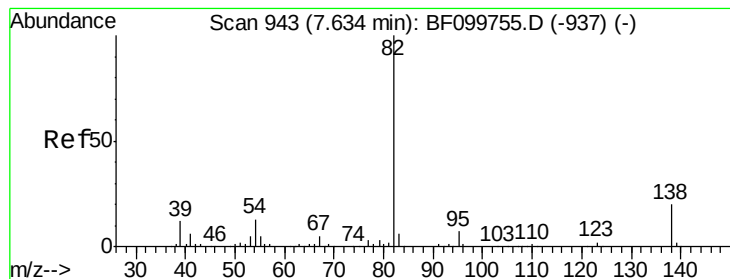


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

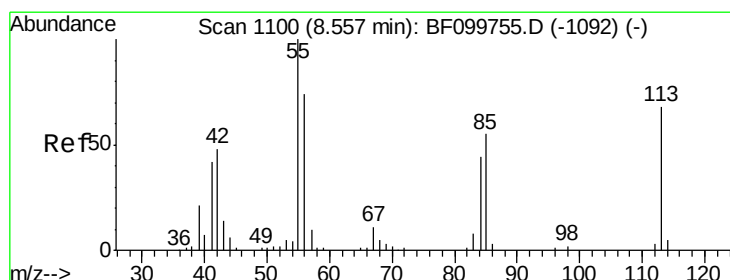
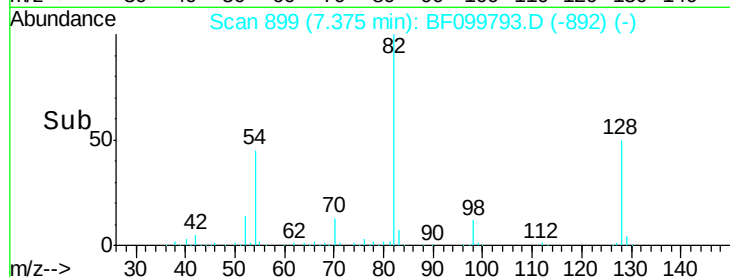
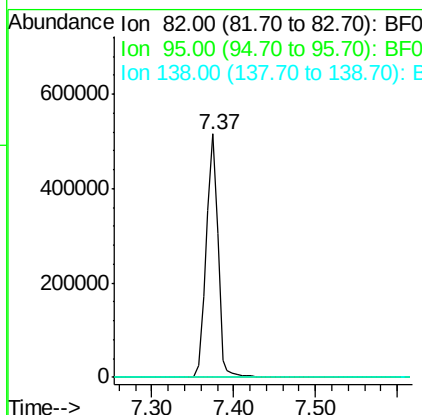
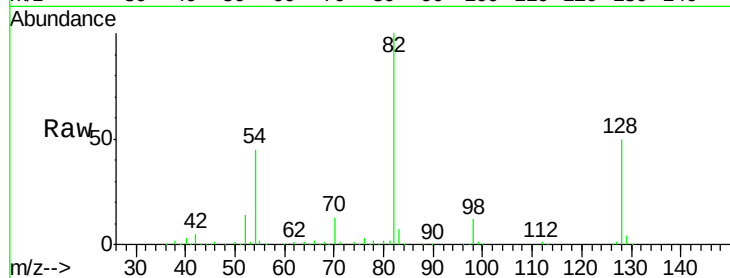




#25
Isophorone
Concen: 47.39 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

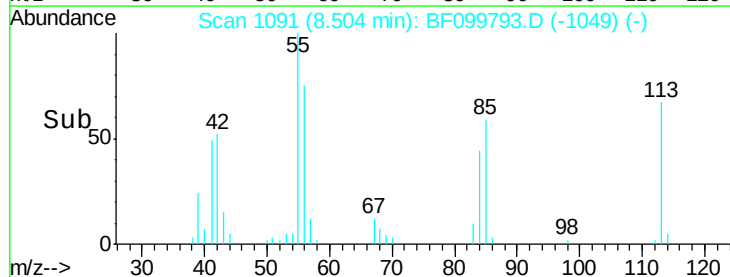
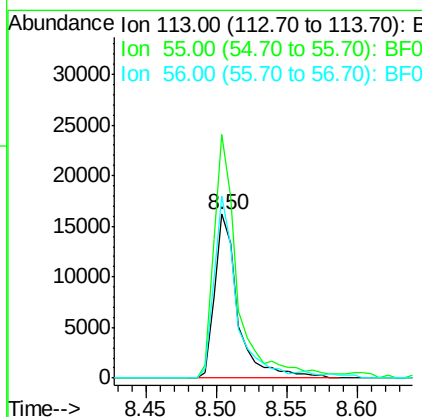
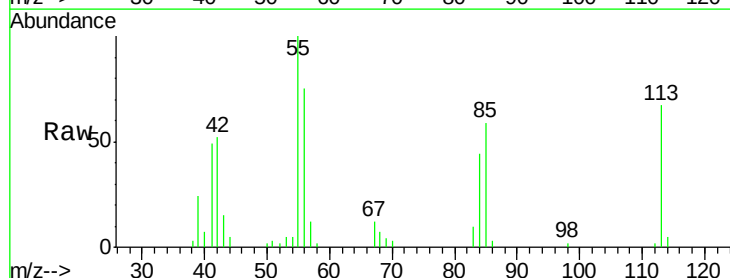
Instrument :
BNA_F
ClientSampleId :

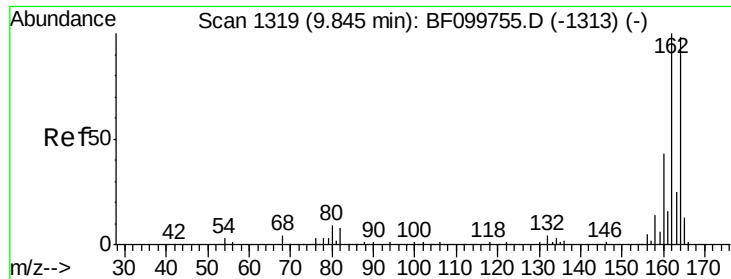
Tot Ion: 82 Resp: 516091
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#35
Caprolactam
Concen: 11.10 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.05 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

Tgt Ion: 113 Resp: 18504
Ion Ratio Lower Upper
113 100
55 148.3 163.3 203.3#
56 110.6 115.7 155.7#

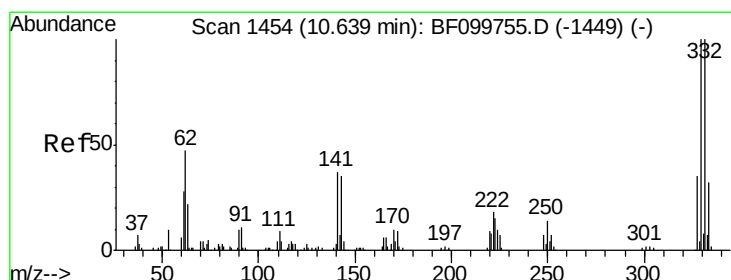
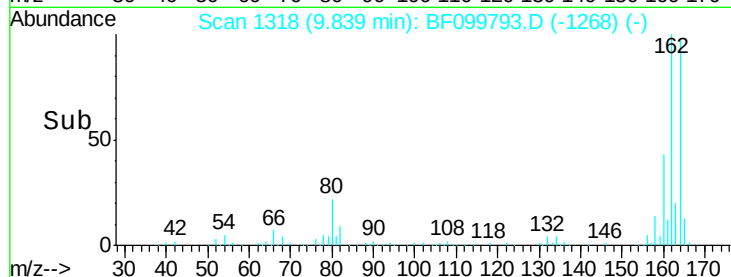
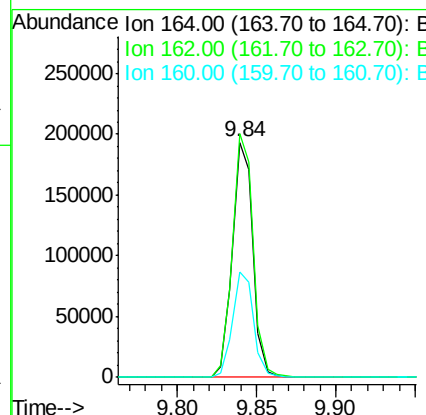
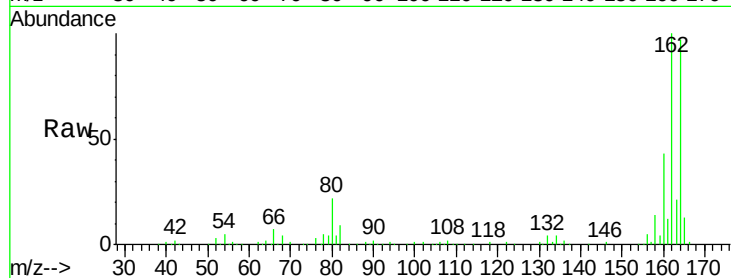




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

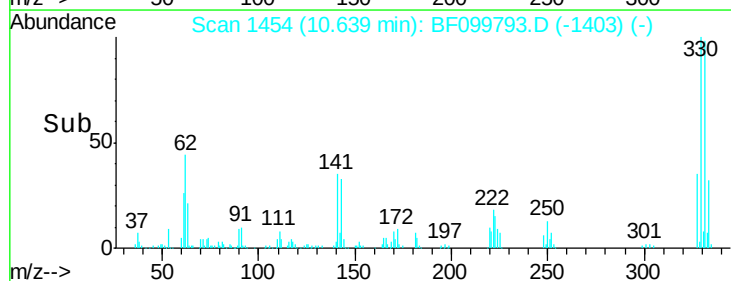
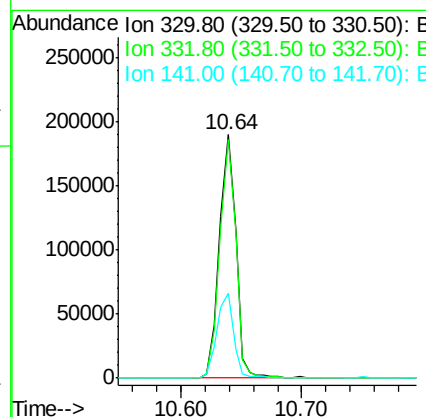
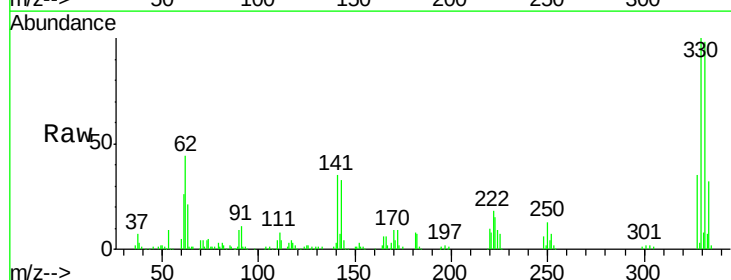
Instrument :
BNA_F
ClientSampleId :

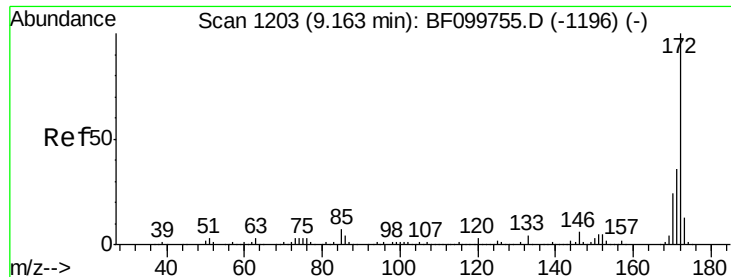
Tot Ion:164 Resp: 173230
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 44.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 112.94 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

Tgt Ion:330 Resp: 178289
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 36.0 29.9 44.9

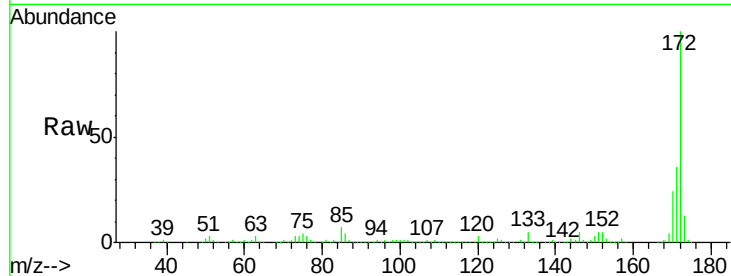




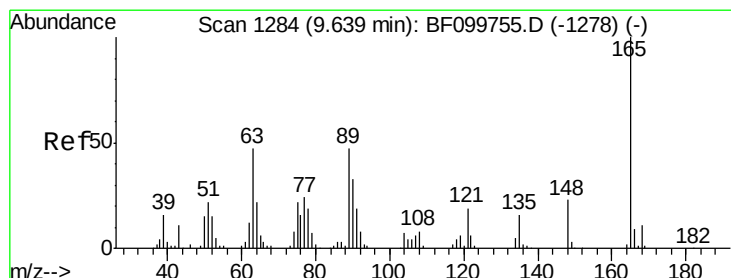
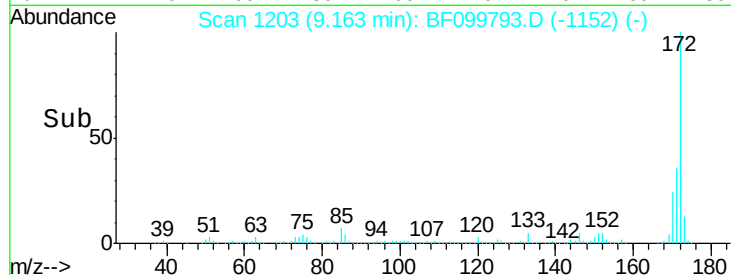
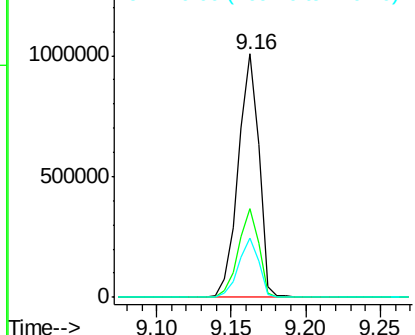
#44
 2-Fluorobiphenyl
 Concen: 87.30 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099793.D
 Acq: 24 Oct 2017 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4

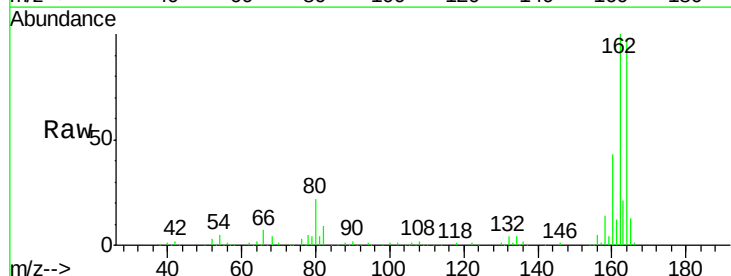


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

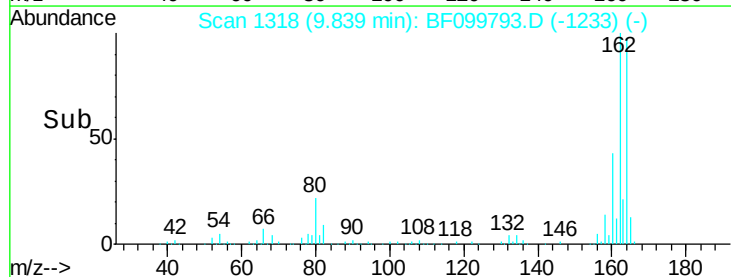
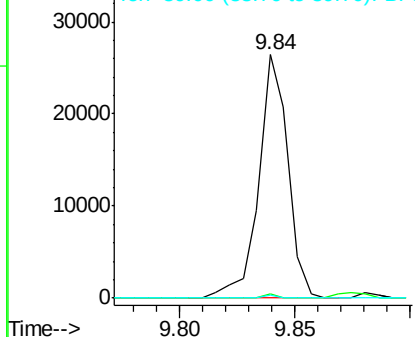


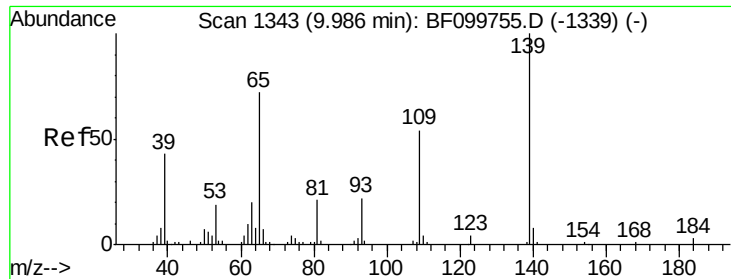
#50
 2,6-Dinitrotoluene
 Concen: 8.05 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF099793.D
 Acq: 24 Oct 2017 17:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.2	44.0	66.0#



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





#55

4-Nitrophenol

Concen: 3.09 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.06 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

Instrument :

BNA_F

ClientSampleId :

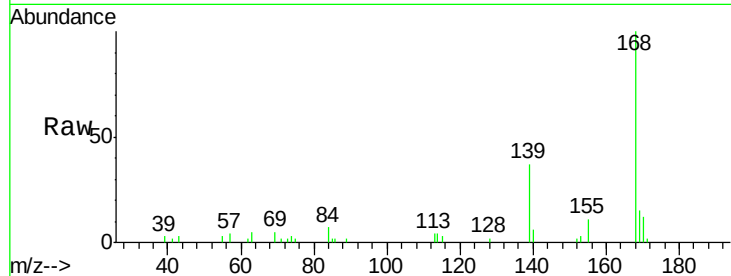
Tot Ion:139 Resp: 5479

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

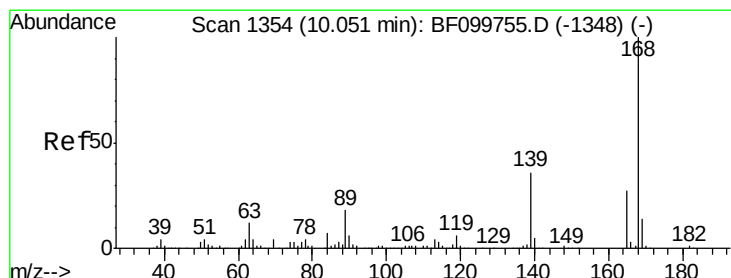
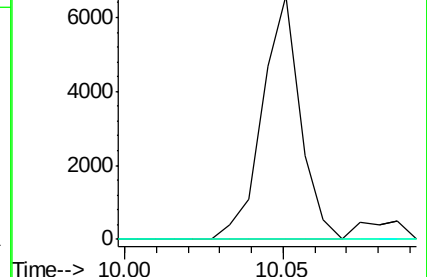
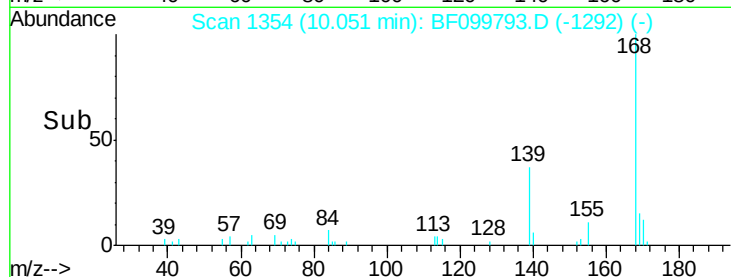
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.69 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.21 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

Tgt Ion:165 Resp: 23225

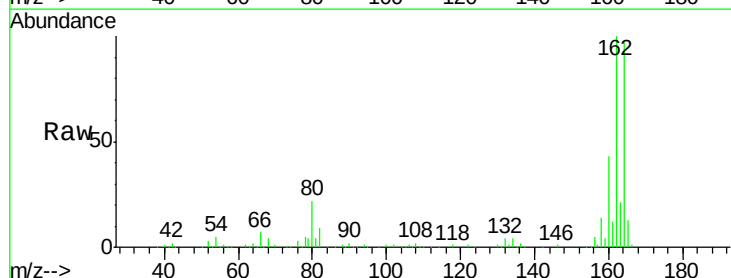
Ion Ratio Lower Upper

165 100

63 1.7 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

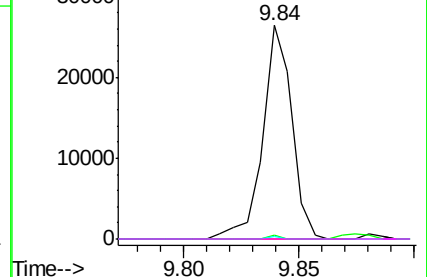
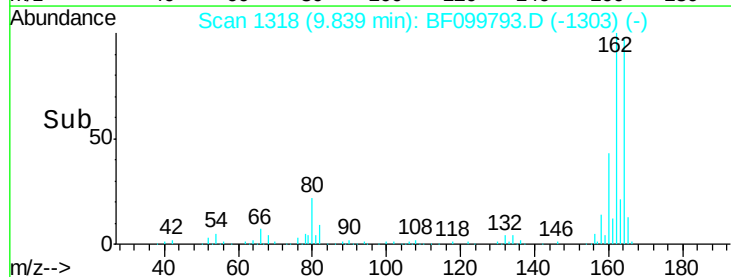


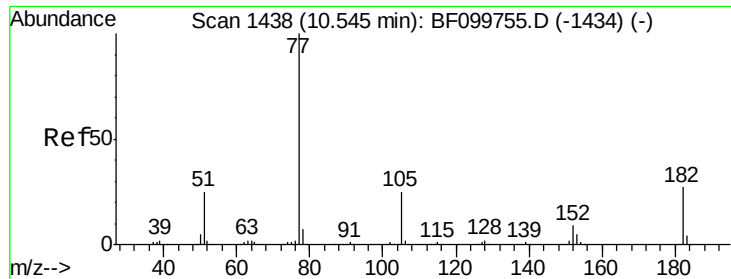
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#62

Azobenzene

Concen: 2.37 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 26560

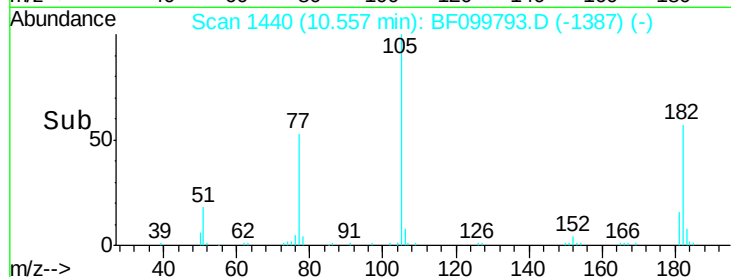
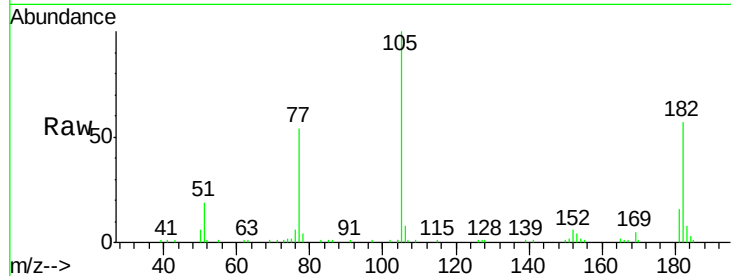
Ion Ratio Lower Upper

77 100

182 106.7 1.7 41.7#

105 185.9 3.0 43.0#

51 34.6 9.9 49.9

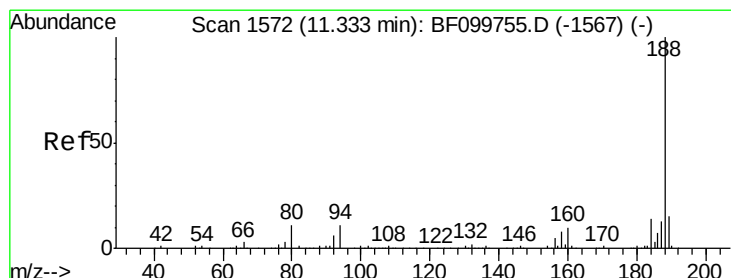
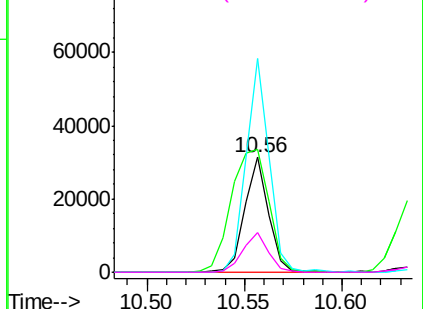


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

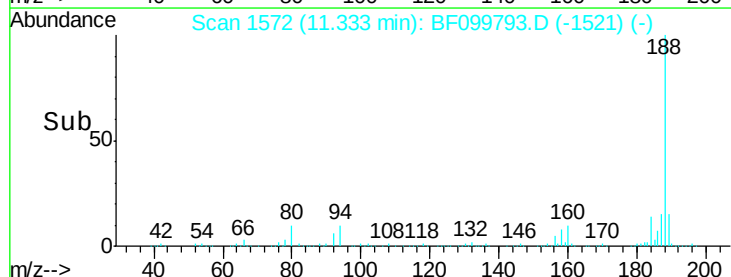
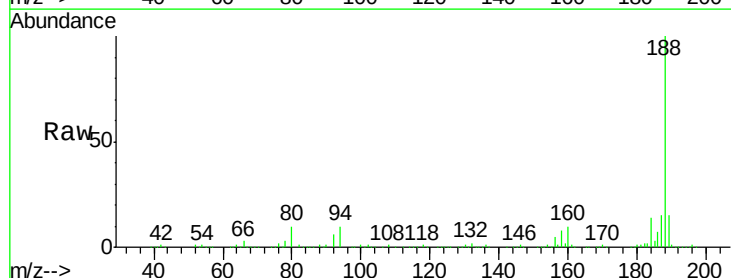
Tgt Ion: 188 Resp: 276528

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

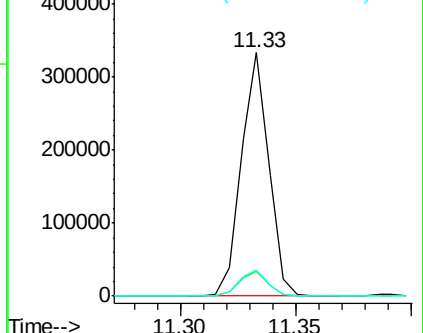
80 10.5 9.2 13.8

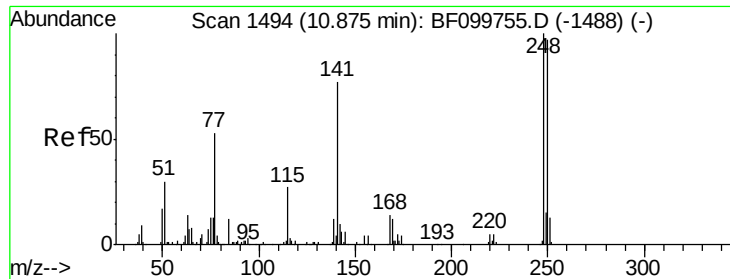


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

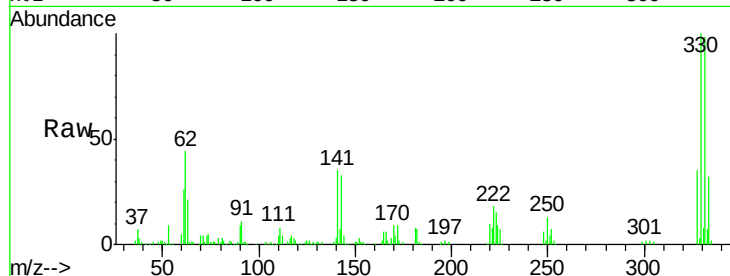




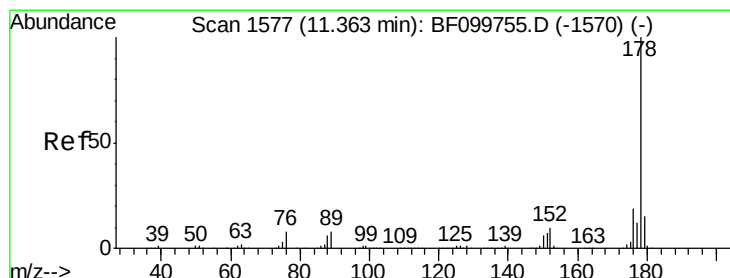
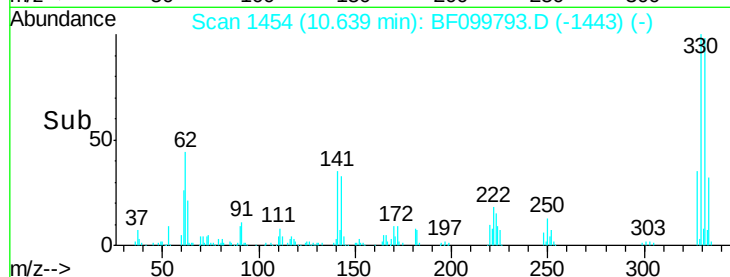
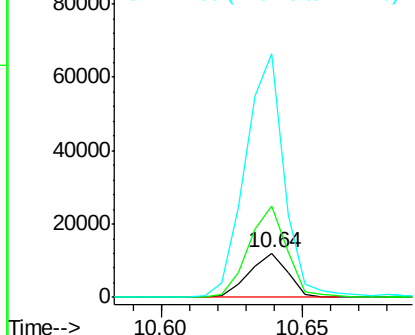
#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11390
Ion Ratio Lower Upper
248 100
250 205.4 76.9 115.3#
141 547.3 74.4 111.6#

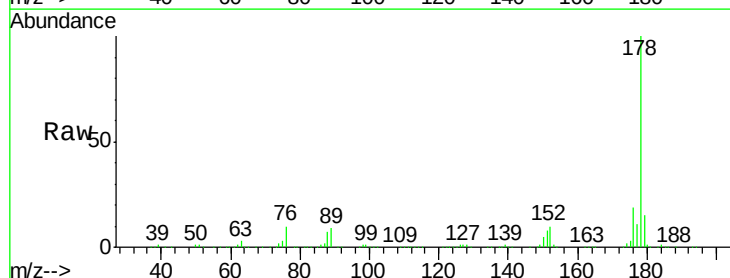


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

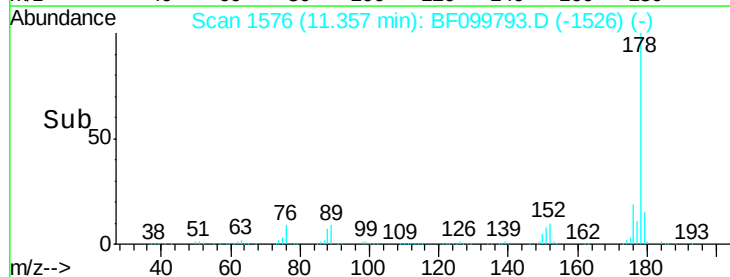
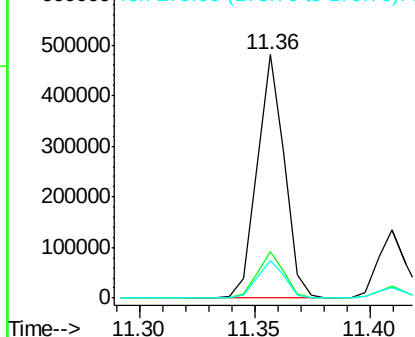


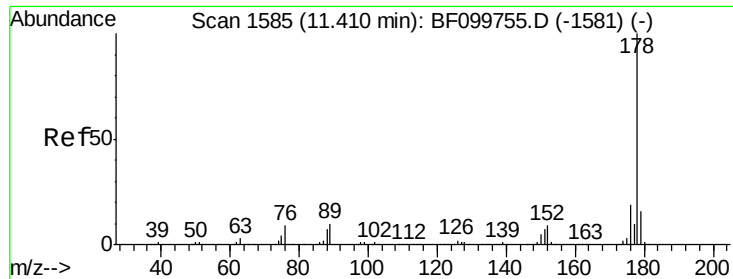
#70
Phenanthrene
Concen: 25.30 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

Tgt Ion:178 Resp: 394886
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.3 13.0 19.6



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: 7.10 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

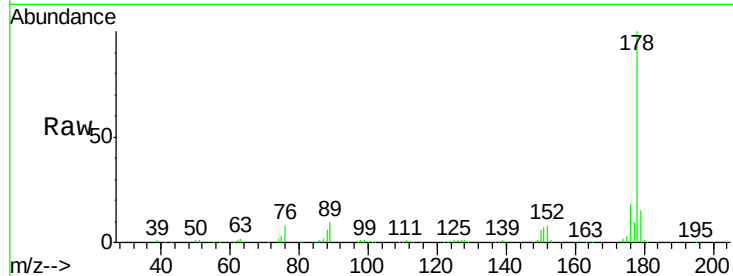
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 112429

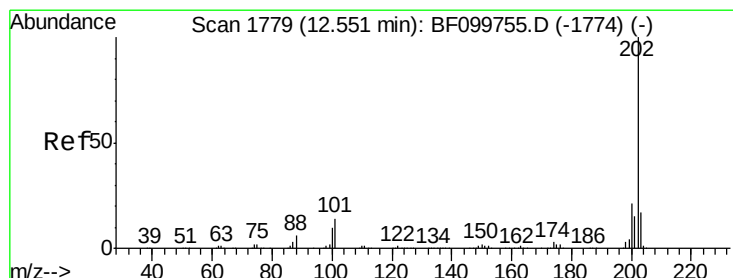
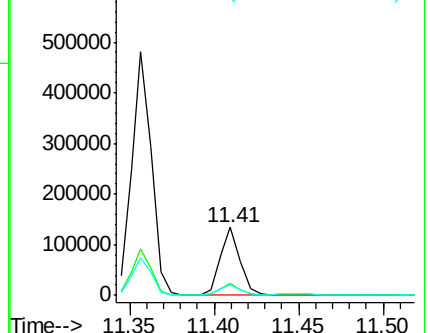
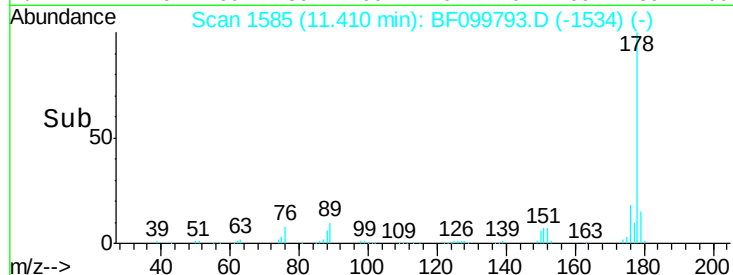
Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.9	12.6	19.0



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



#74

Fluoranthene

Concen: 30.64 ng

RT: 12.55 min Scan# 1779

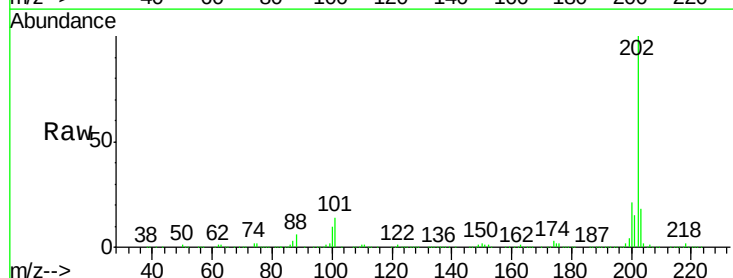
Delta R.T. -0.00 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

Tgt Ion:202 Resp: 496974

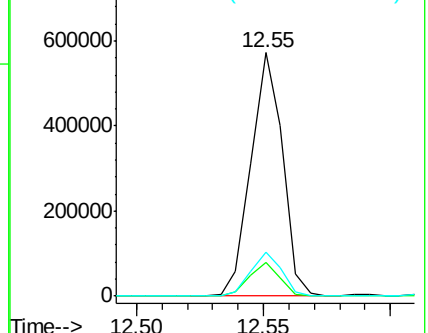
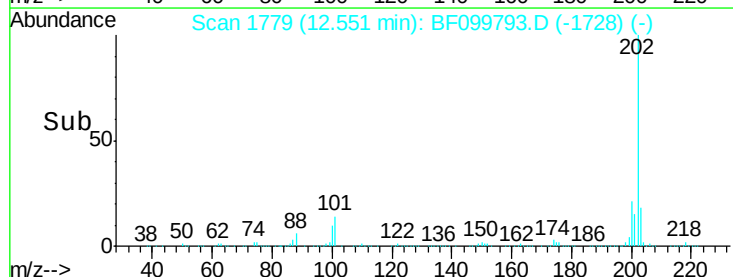
Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	18.1	0.0	38.1

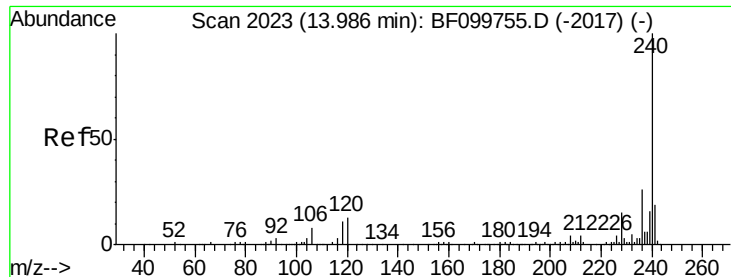


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

Instrument :

BNA_F

ClientSampleId :

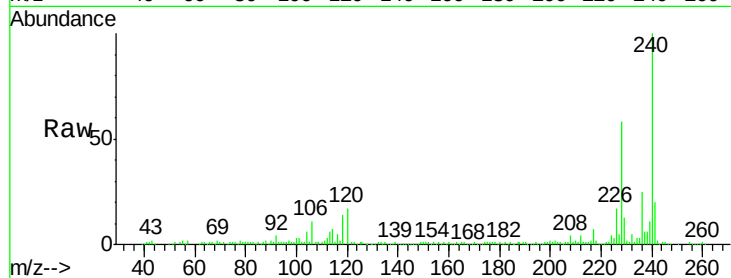
Tot Ion:240 Resp: 160930

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

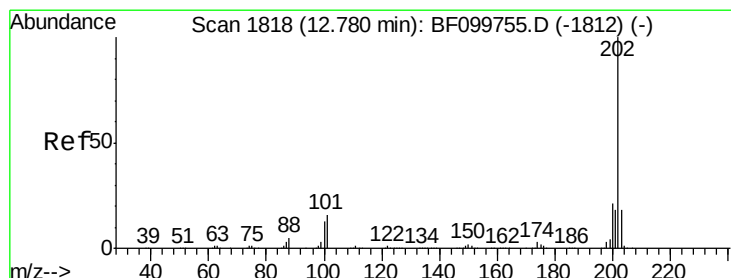
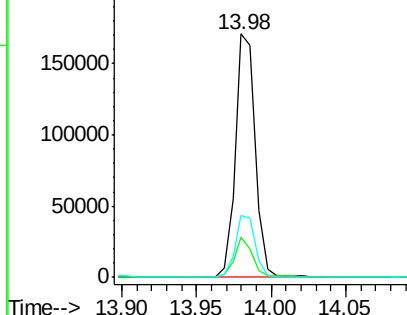
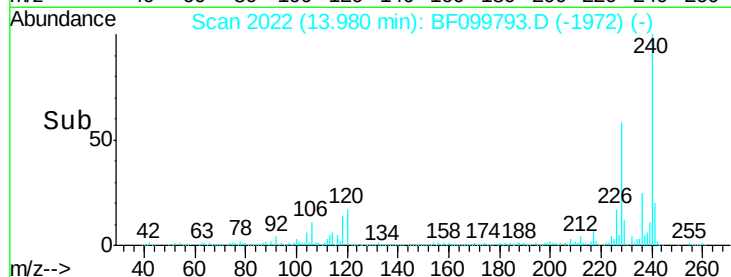
236 25.3 20.7 31.1



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



#77

Pyrene

Concen: 32.67 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

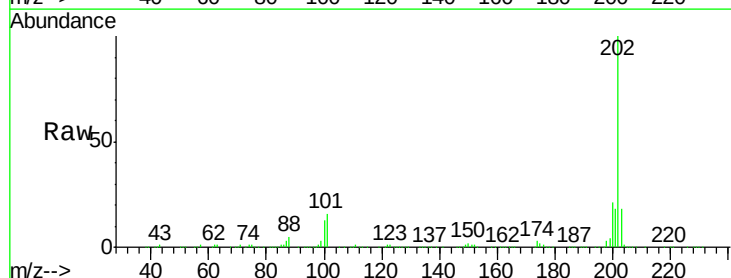
Tgt Ion:202 Resp: 399810

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

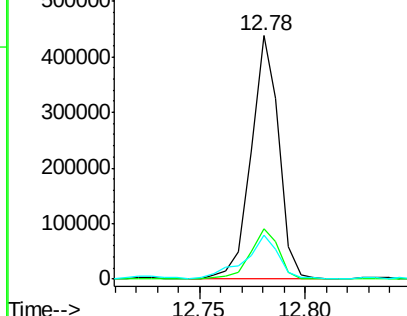
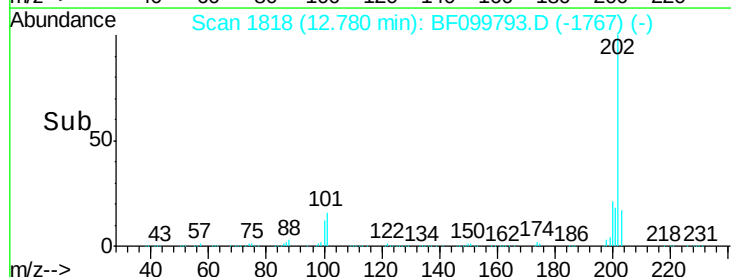
203 17.8 14.3 21.5

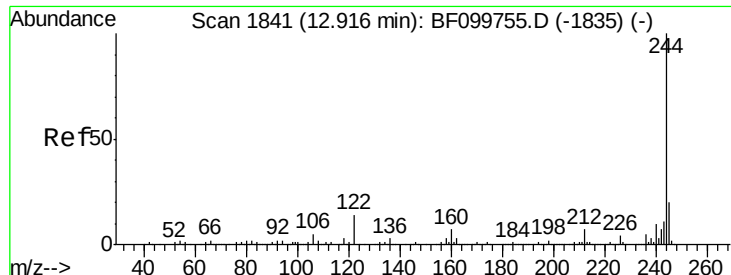


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

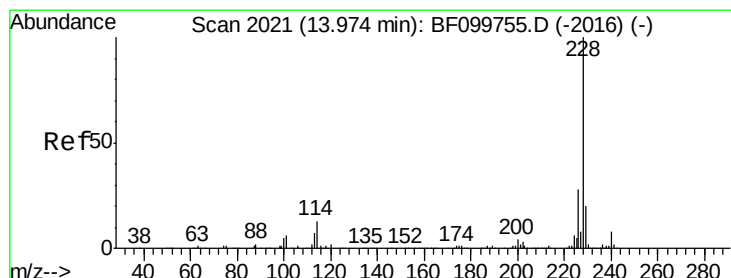
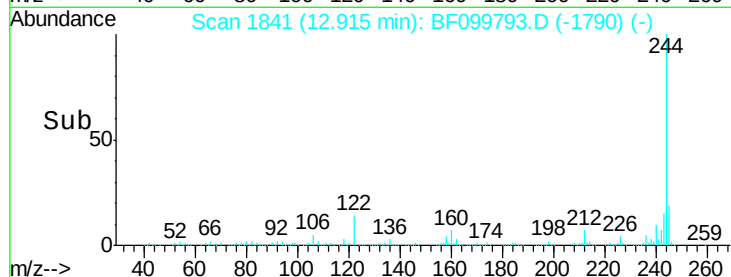
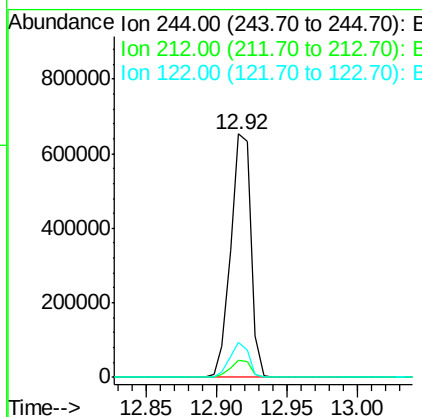
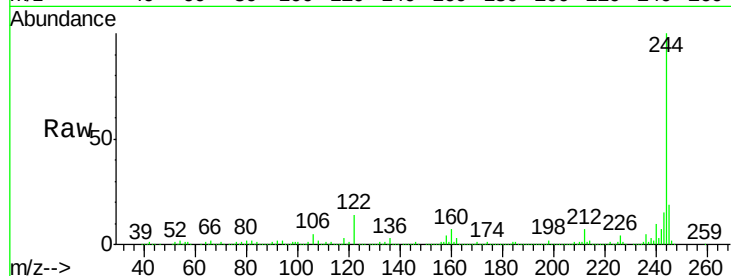




#78
 Terphenyl-d14
 Concen: 88.31 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099793.D
 Acq: 24 Oct 2017 17:35

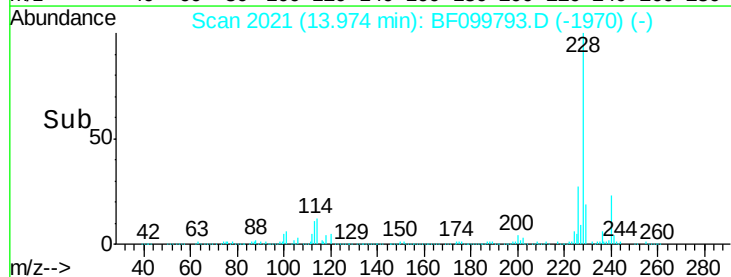
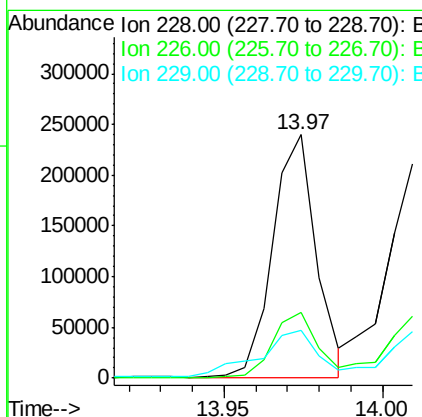
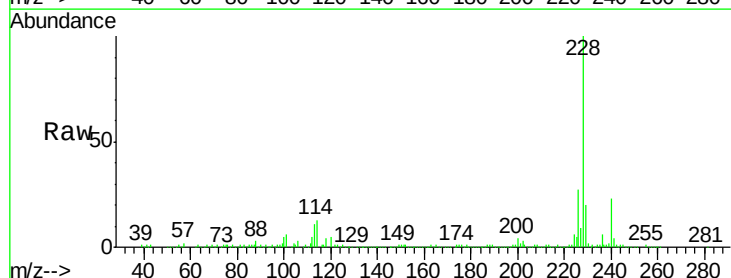
Instrument :
 BNA_F
 ClientSampled :

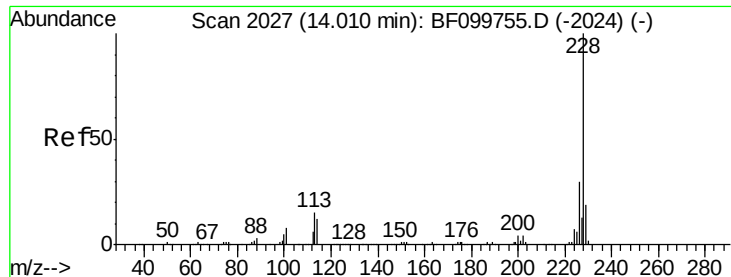
Tot Ion:244 Resp: 650299
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.1 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 22.40 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF099793.D
 Acq: 24 Oct 2017 17:35

Tgt Ion:228 Resp: 228563
 Ion Ratio Lower Upper
 228 100
 226 27.2 22.6 33.8
 229 19.8 15.8 23.6





#82

Chrysene

Concen: 20.67 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

Instrument :

BNA_F

ClientSampleId :

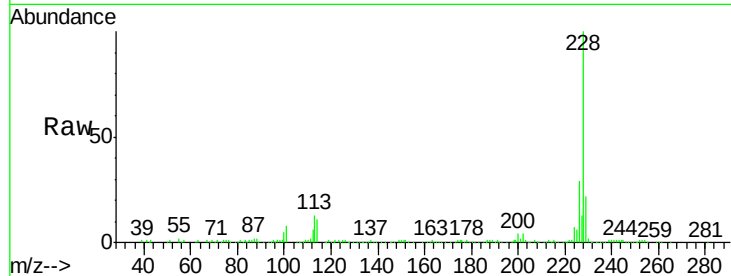
Tot Ion:228 Resp: 198228

Ion Ratio Lower Upper

228 100

226 29.1 25.0 37.6

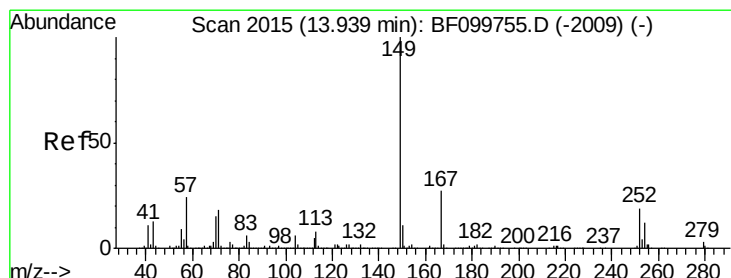
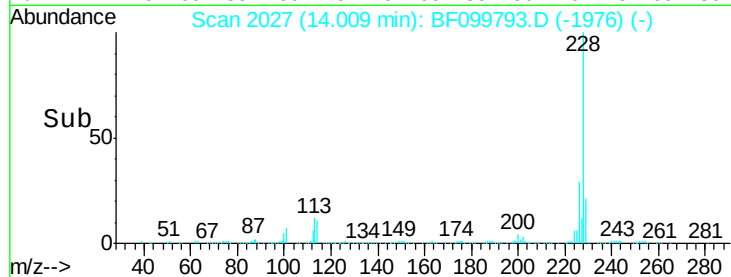
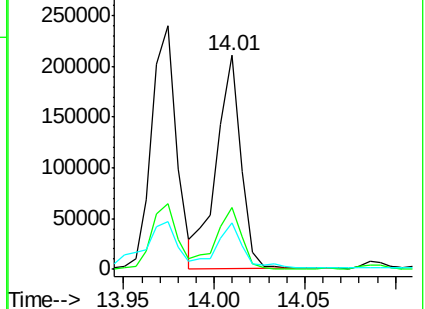
229 21.6 16.2 24.4



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: 16.65 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

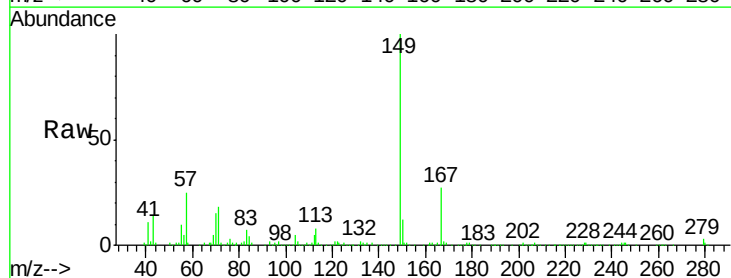
Tgt Ion:149 Resp: 140924

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

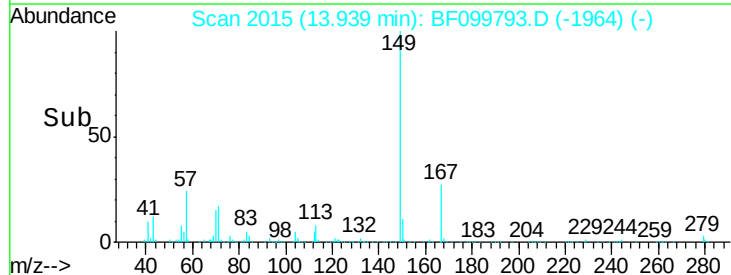
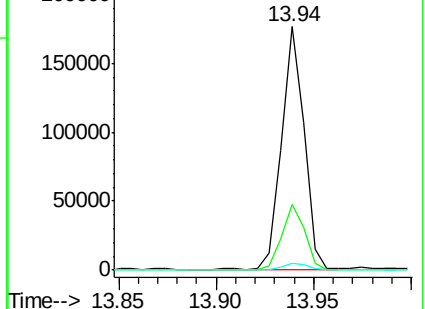
279 3.0 3.0 4.4

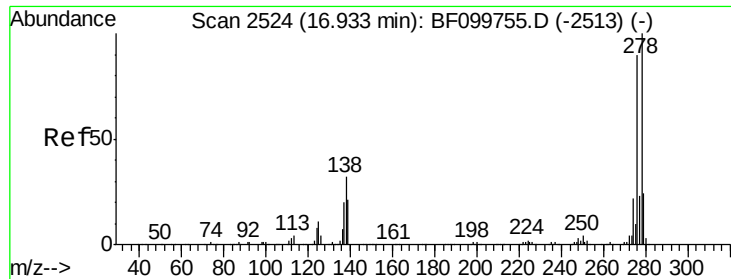


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 7.87 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

Instrument :

BNA_F

ClientSampleId :

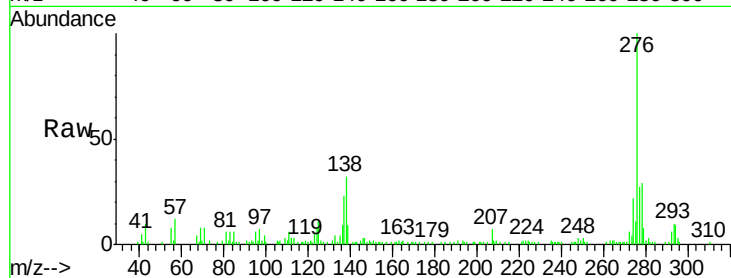
Tot Ion:276 Resp: 69254

Ion Ratio Lower Upper

276 100

138 31.8 25.0 37.6

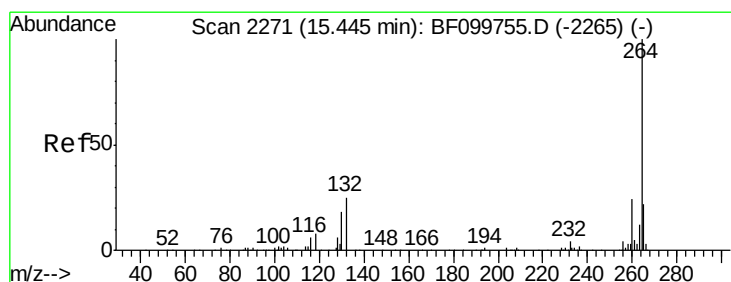
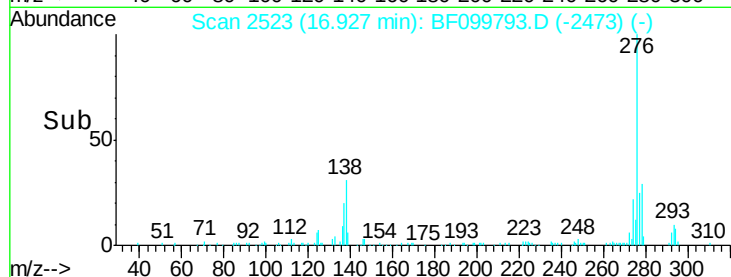
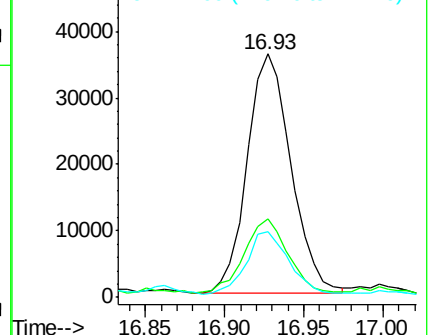
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

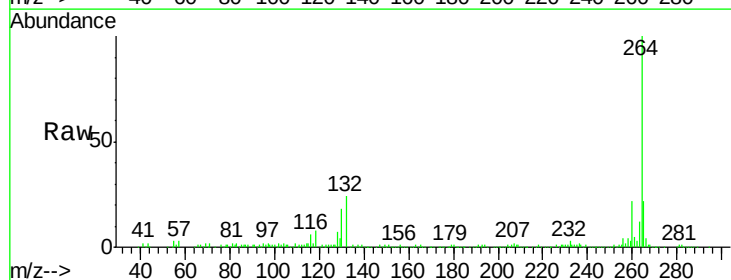
Tgt Ion:264 Resp: 171910

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

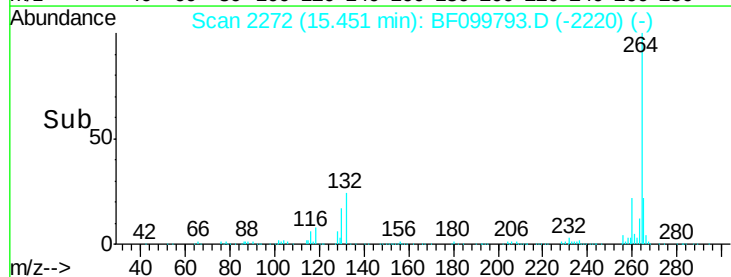
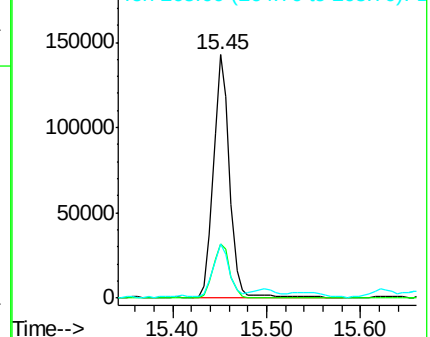
265 22.3 17.5 26.3

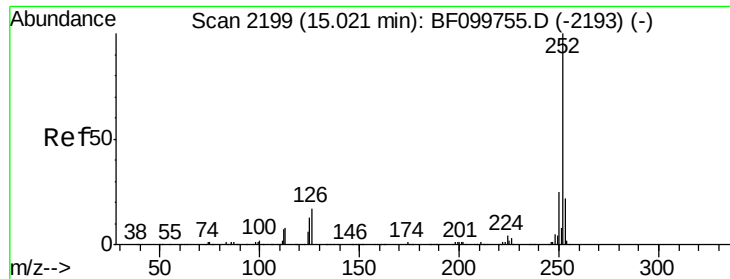


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 27.16 ng

RT: 15.03 min Scan# 2200

Delta R.T. 0.01 min

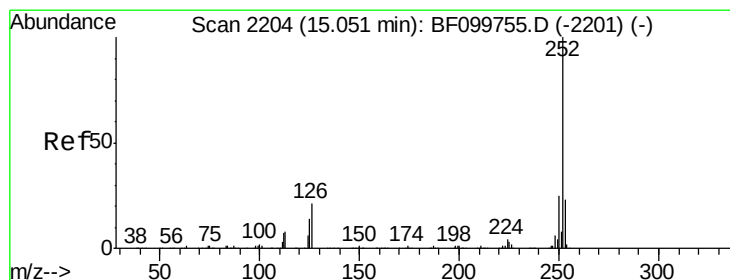
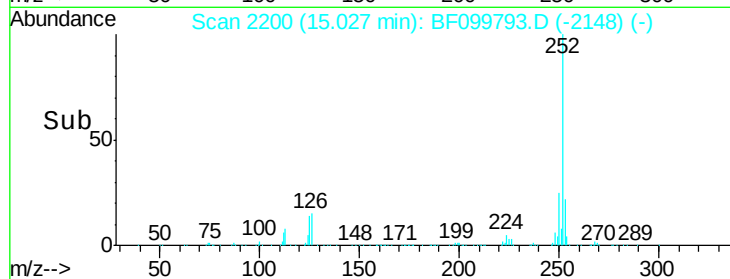
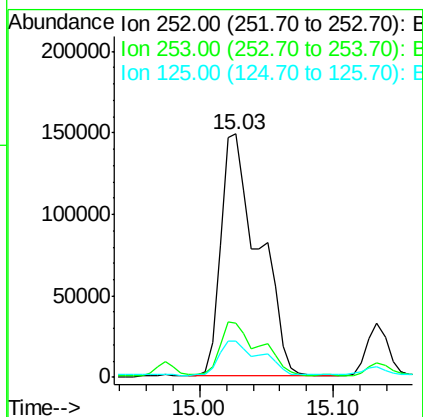
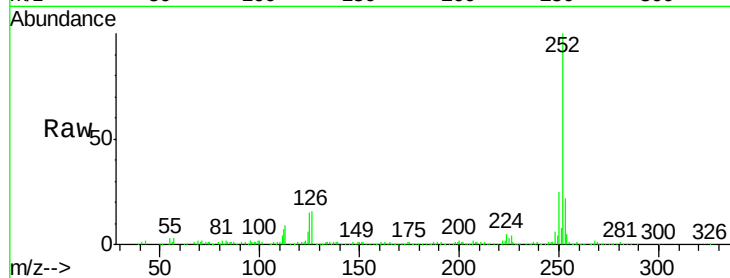
Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 294784

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	15.1	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 28.80 ng

RT: 15.03 min Scan# 2200

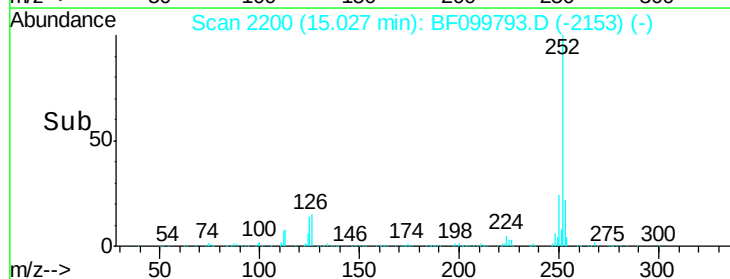
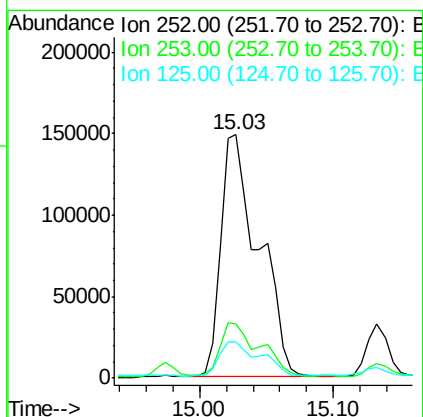
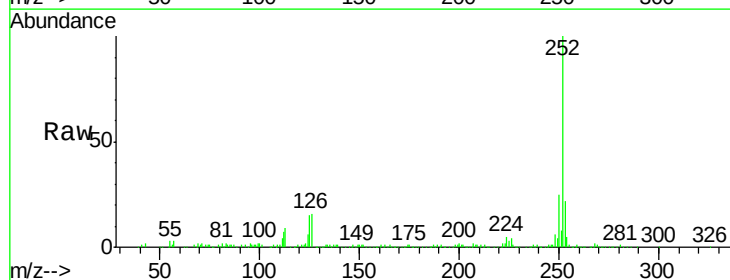
Delta R.T. -0.02 min

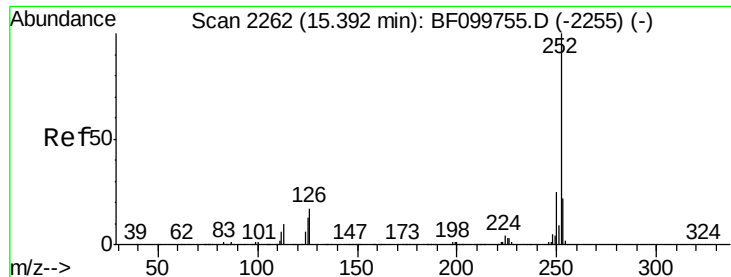
Lab File: BF099793.D

Acq: 24 Oct 2017 17:35

Tgt Ion:252 Resp: 294784

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	15.1	10.2	15.2

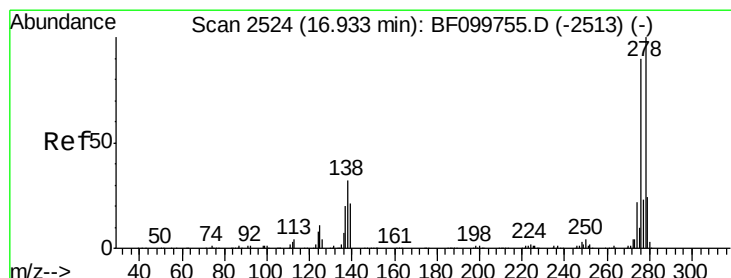
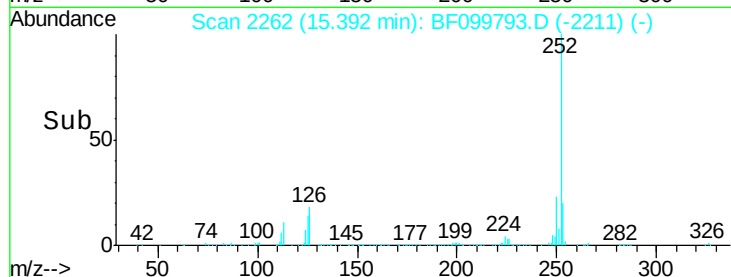
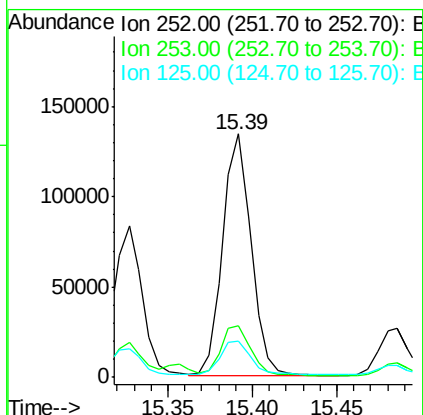
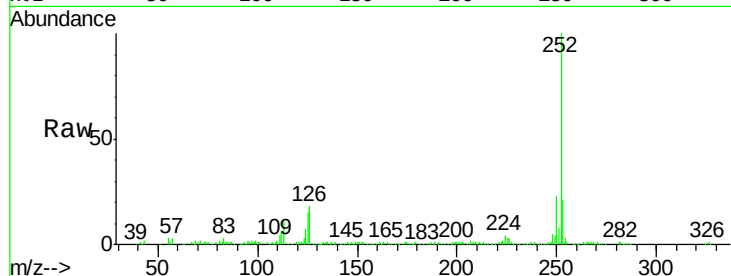




#89
Benzo(a)pyrene
Concen: 16.31 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

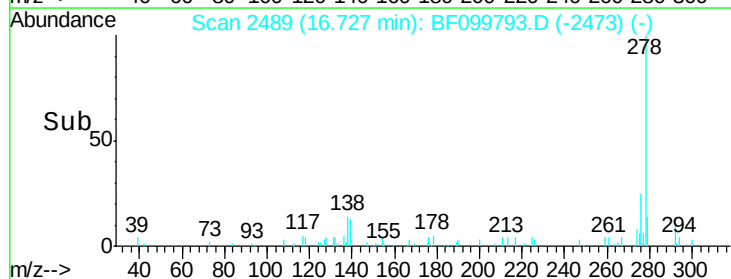
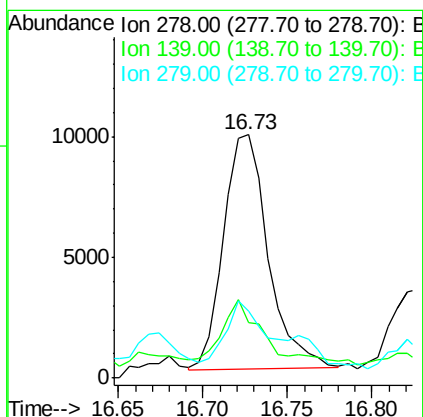
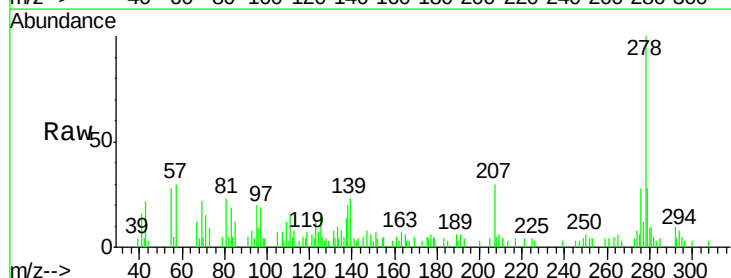
Instrument :
BNA_F
ClientSampleId :

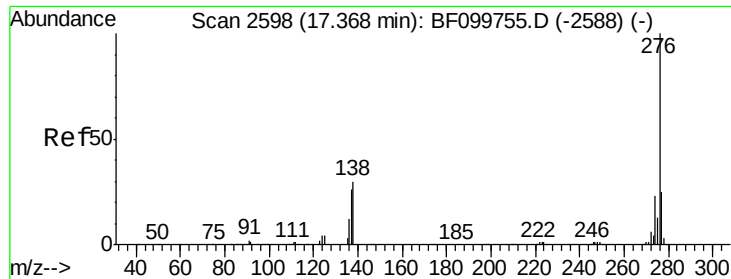
Tot Ion:252 Resp: 159058
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 15.0 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 2.07 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.21 min
Lab File: BF099793.D
Acq: 24 Oct 2017 17:35

Tgt Ion:278 Resp: 17903
Ion Ratio Lower Upper
278 100
139 22.6 15.9 23.9
279 27.7 19.0 28.4

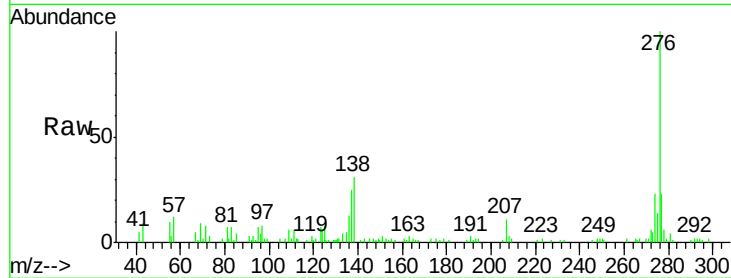




#91
 Benzo(a,h,i)perylene
 Concen: 6.52 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. 0.01 min
 Lab File: BF099793.D
 Acq: 24 Oct 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	31.2	21.8	32.8



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

