

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095764.D
 Acq On : 8 Jun 2017 00:51
 Operator : SJ/MA
 Sample : I3488-13 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 04:10:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

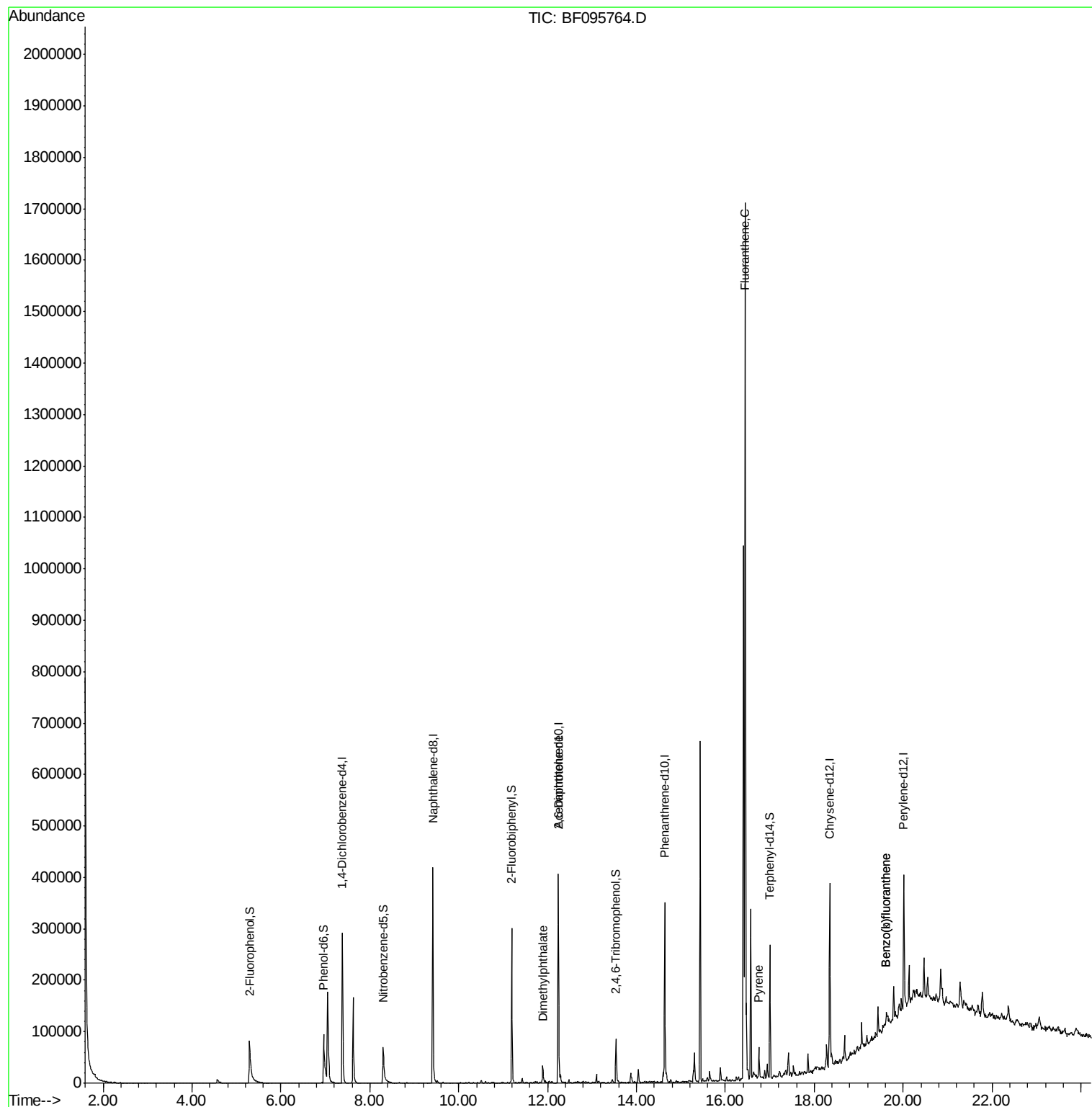
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	73617	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	277095	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	113149	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	172327	20.00	ng	-0.01
75) Chrysene-d12	18.35	240	144940	20.00	ng	0.00
86) Perylene-d12	20.02	264	104096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	76055	16.46	ng	0.00
7) Phenol-d6	6.96	99	102935	18.61	ng	0.00
23) Nitrobenzene-d5	8.30	82	54208	12.15	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	16668	16.65	ng	-0.01
44) 2-Fluorobiphenyl	11.19	172	130977	16.11	ng	-0.02
78) Terphenyl-d14	17.00	244	86636	14.83	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.89	163	22583	2.63	ng	96
50) 2,6-Dinitrotoluene	12.24	165	14448	7.71	ng	# 31
74) Fluoranthene	16.45	202	22819	2.32	ng	# 55
77) Pyrene	16.76	202	25229	2.33	ng	98
87) Benzo(b)fluoranthene	19.62	252	16297	2.50	ng	# 69
88) Benzo(k)fluoranthene	19.62	252	16297	2.62	ng	# 74

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

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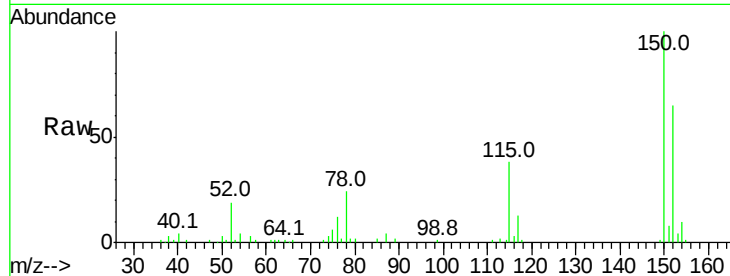


#1

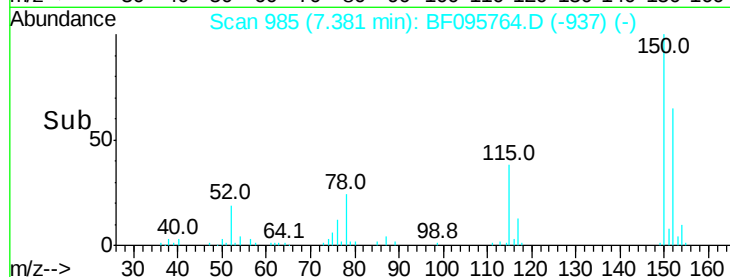
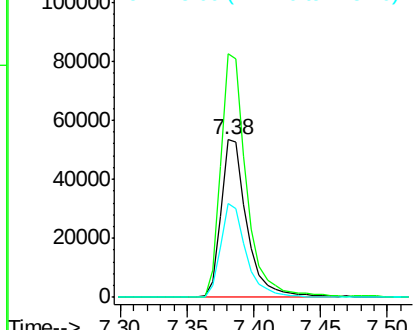
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73617
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 59.5 52.2 78.2



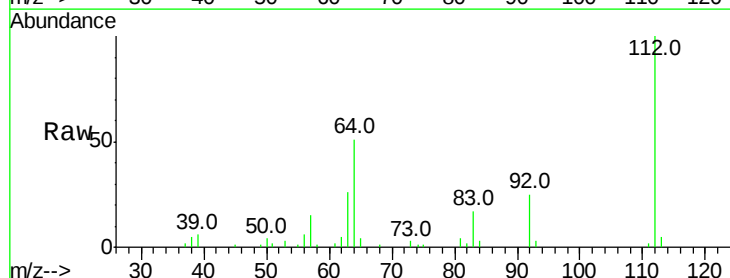
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



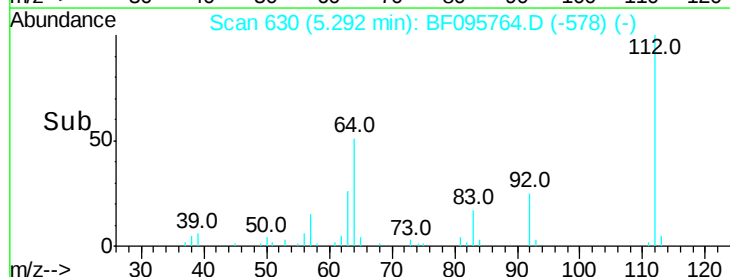
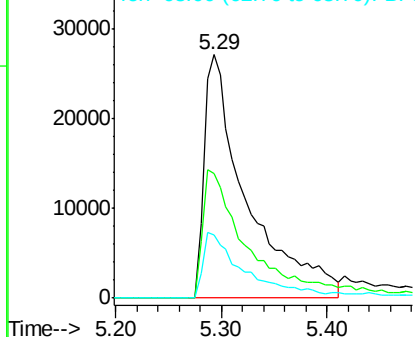
#5

2-Fluorophenol
Concen: 16.46 ng
RT: 5.29 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Tgt Ion:112 Resp: 76055
Ion Ratio Lower Upper
112 100
64 51.2 46.0 69.0
63 26.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.61 ng

RT: 6.96 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF095764.D

Acq: 8 Jun 2017 00:51

Instrument :

BNA_F

ClientSampleId :

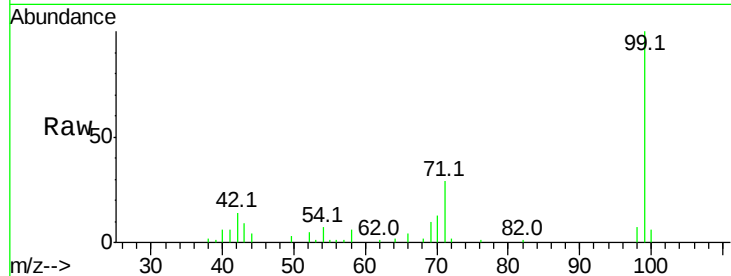
Tot Ion: 99 Resp: 102935

Ion Ratio Lower Upper

99 100

42 14.0 13.5 20.3

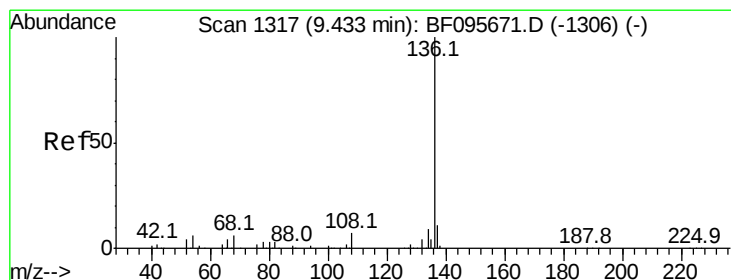
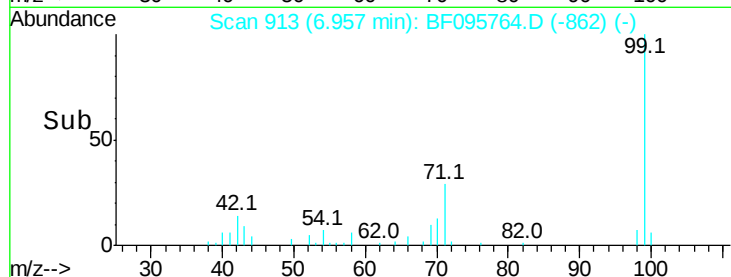
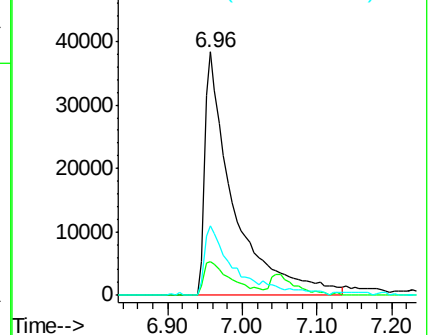
71 28.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095764.D

Acq: 8 Jun 2017 00:51

Tgt Ion:136 Resp: 277095

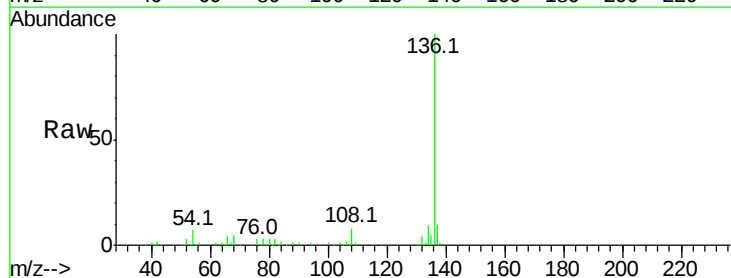
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.7 4.9 7.3

68 5.2 4.1 6.1

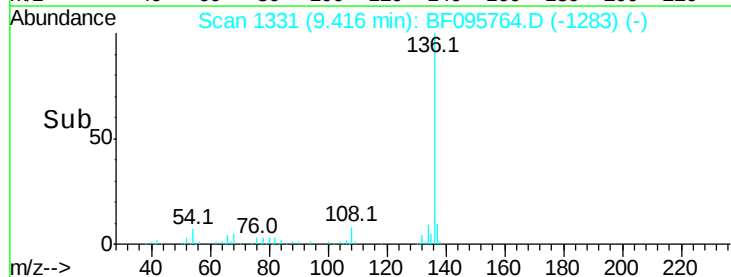
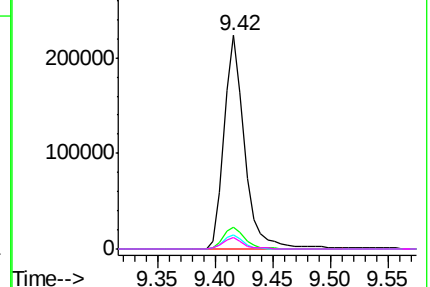


Abundance Ion 136.00 (135.70 to 136.70): E

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

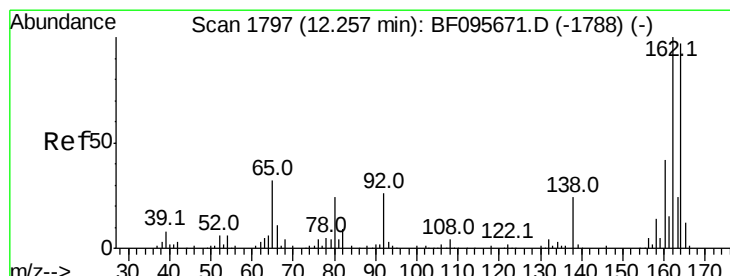
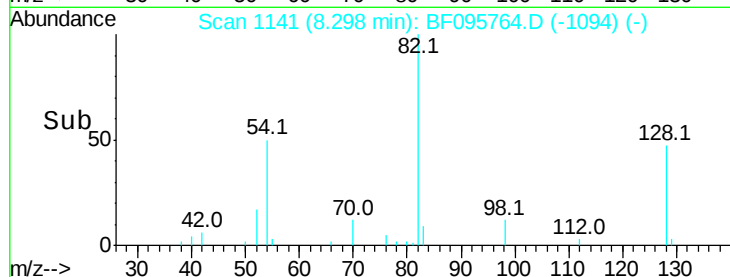
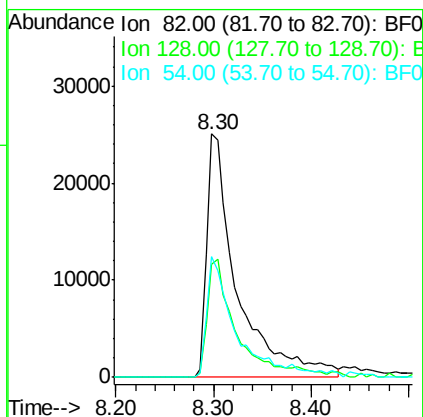
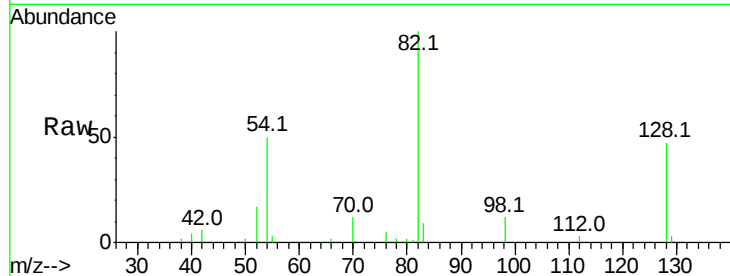




#23
Nitrobenzene-d5
Concen: 12.15 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

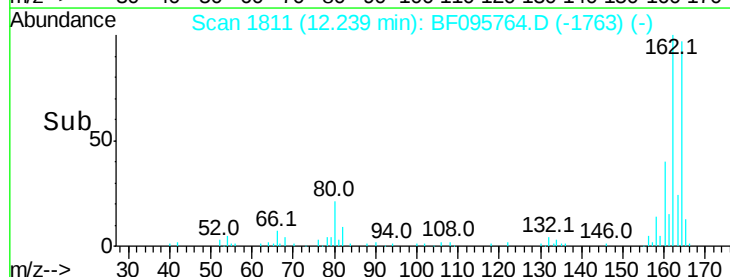
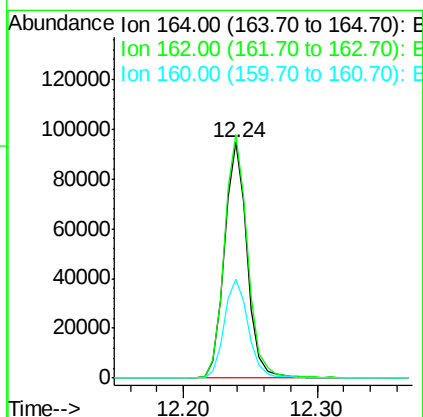
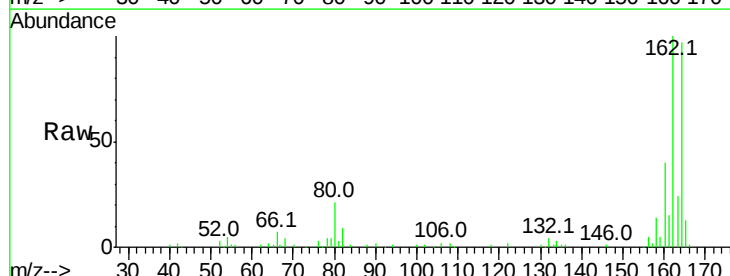
Instrument :
BNA_F
ClientSampleId :

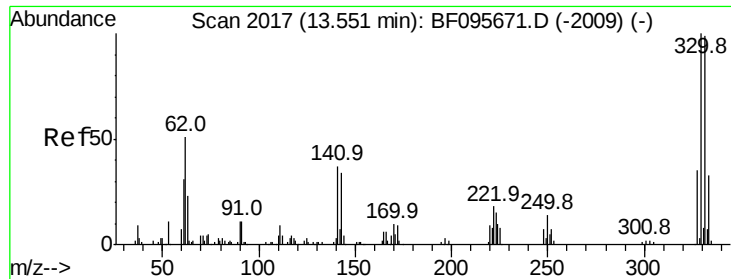
Tot Ion: 82 Resp: 54208
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 49.7 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Tgt Ion:164 Resp: 113149
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 41.8 36.2 54.2

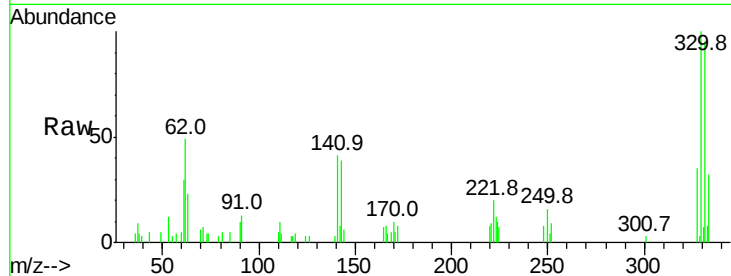




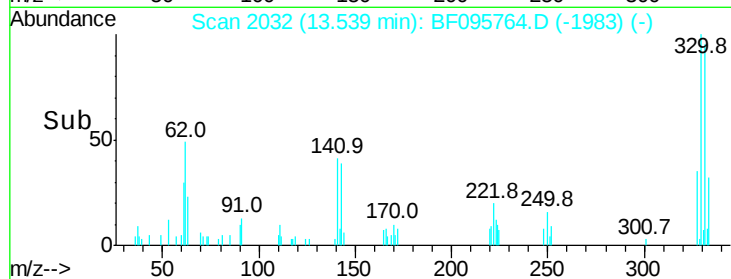
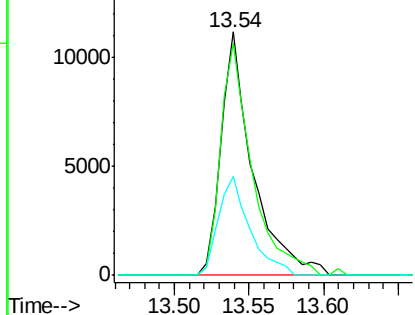
#41
 2,4,6-Tribromophenol
 Concen: 16.65 ng
 RT: 13.54 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF095764.D
 Acq: 8 Jun 2017 00:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 16668
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 40.3 31.4 47.2

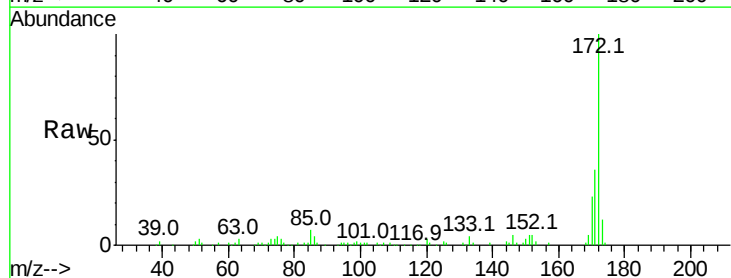


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

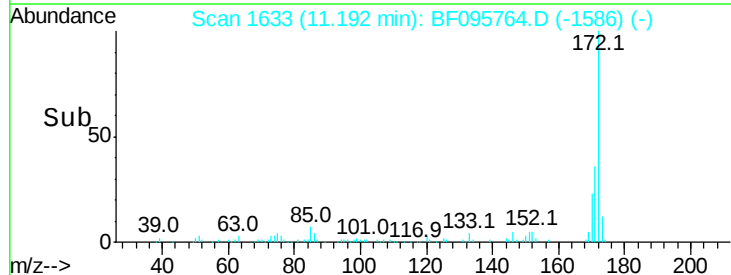
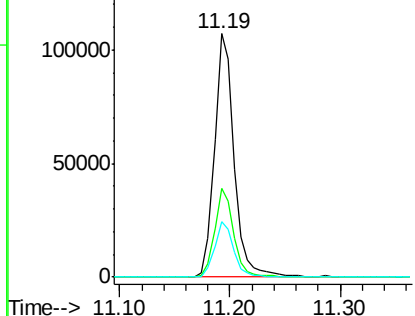


#44
 2-Fluorobiphenyl
 Concen: 16.11 ng
 RT: 11.19 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095764.D
 Acq: 8 Jun 2017 00:51

Tgt Ion:172 Resp: 130977
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.0 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





#49

Dimethylphthalate

Concen: 2.63 ng

RT: 11.89 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095764.D

Acq: 8 Jun 2017 00:51

Instrument :

BNA_F

ClientSampleId :

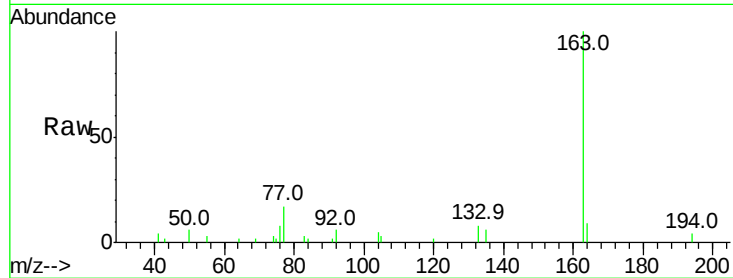
Tot Ion:163 Resp: 22583

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

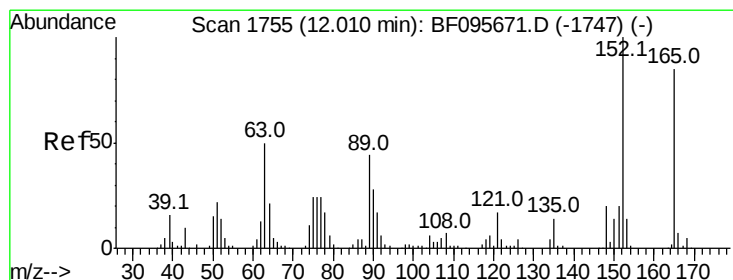
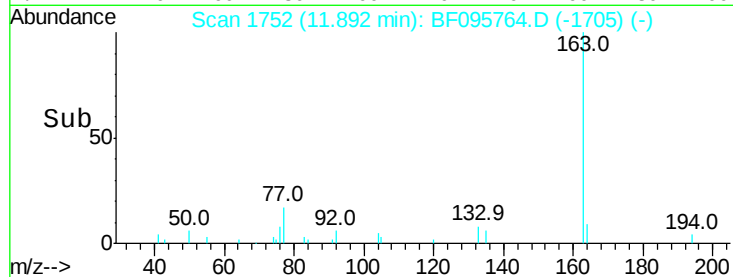
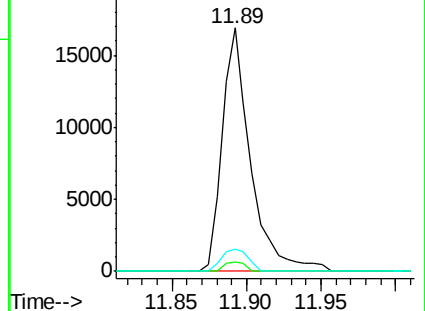
164 8.9 8.4 12.6



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: 7.71 ng

RT: 12.24 min Scan# 1811

Delta R.T. 0.23 min

Lab File: BF095764.D

Acq: 8 Jun 2017 00:51

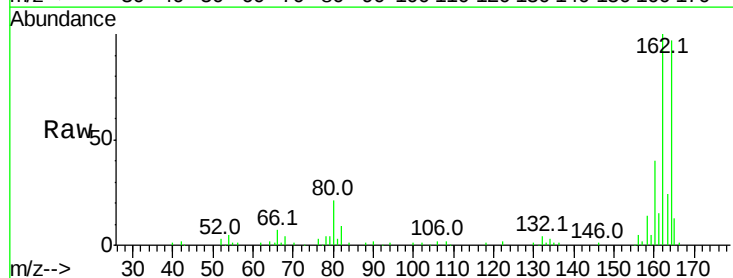
Tgt Ion:165 Resp: 14448

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

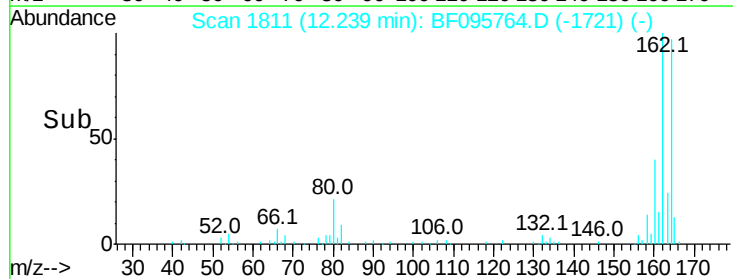
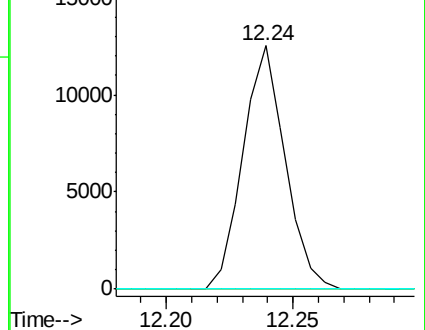
89 0.0 37.1 55.7#

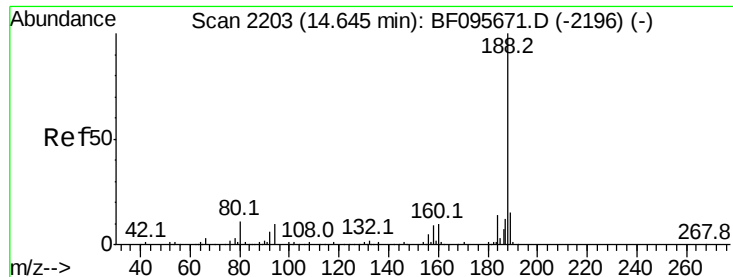


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

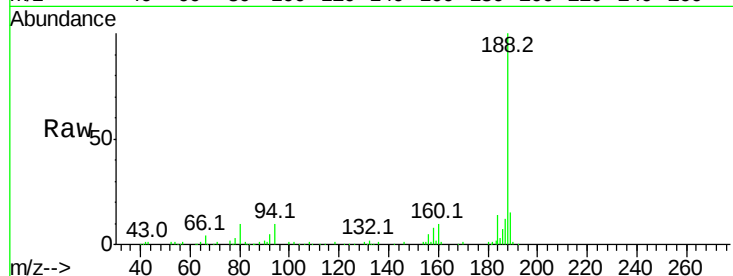




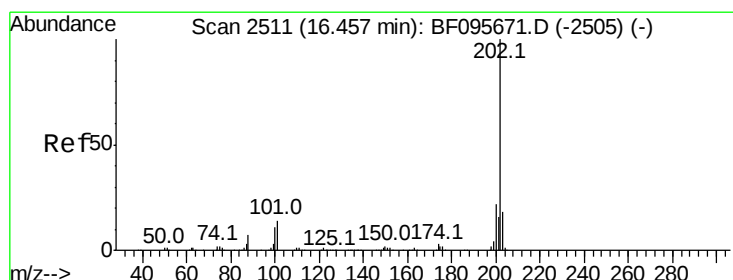
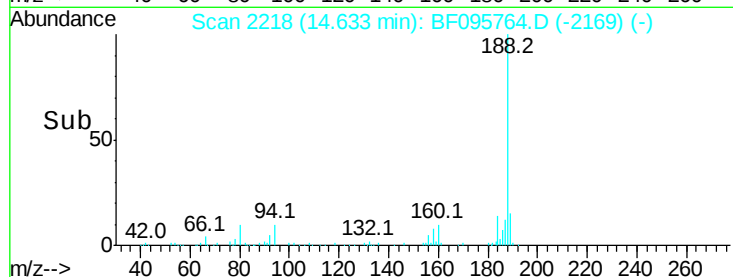
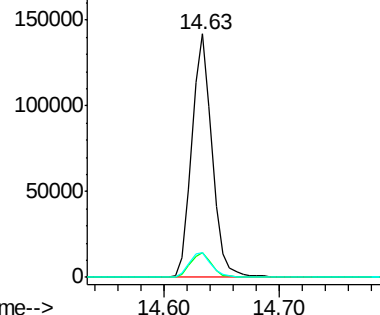
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 172327
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 10.0 10.2 15.2#

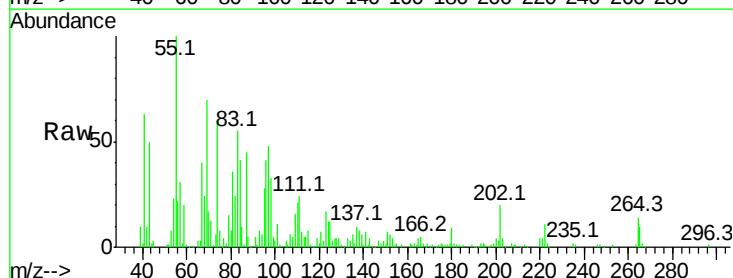


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

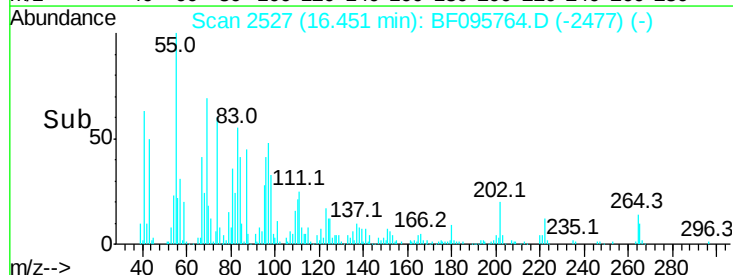
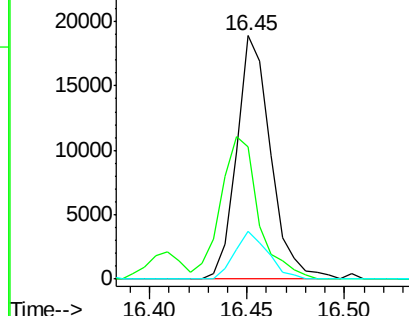


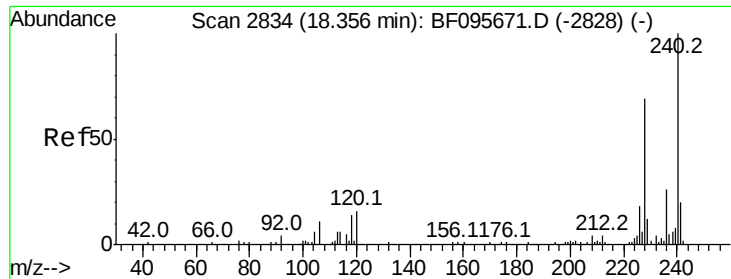
#74
Fluoranthene
Concen: 2.32 ng
RT: 16.45 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Tgt Ion:202 Resp: 22819
Ion Ratio Lower Upper
202 100
101 54.2 0.0 33.2#
203 19.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.35 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF095764.D

Acq: 8 Jun 2017 00:51

Instrument :

BNA_F

ClientSampleId :

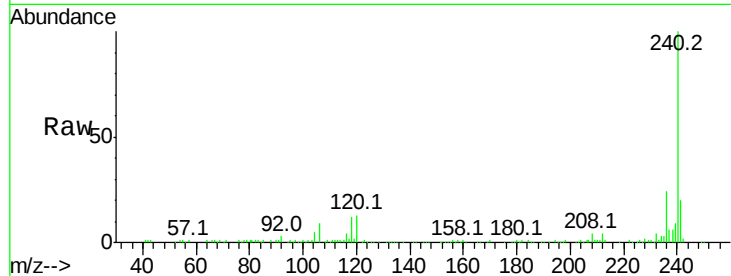
Tot Ion:240 Resp: 144940

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

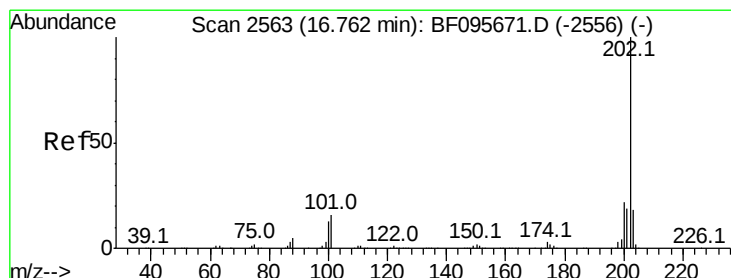
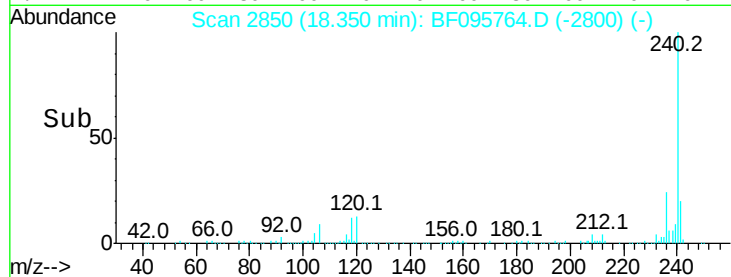
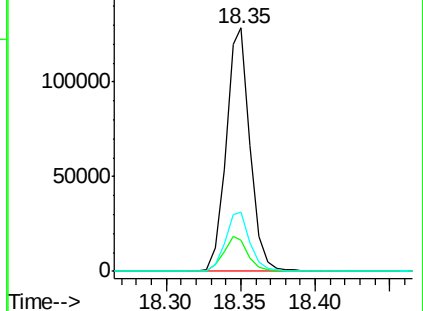
236 24.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.33 ng

RT: 16.76 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BF095764.D

Acq: 8 Jun 2017 00:51

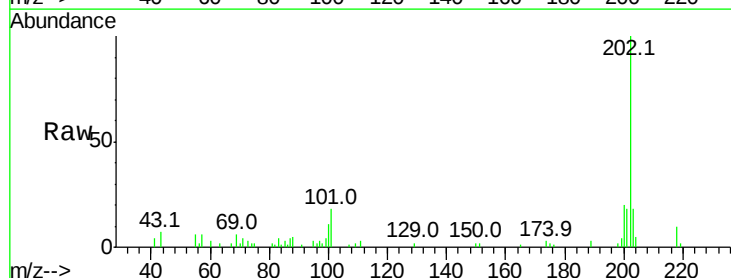
Tgt Ion:202 Resp: 25229

Ion Ratio Lower Upper

202 100

200 20.2 17.6 26.4

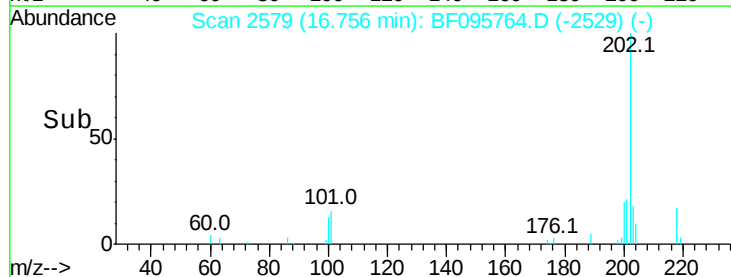
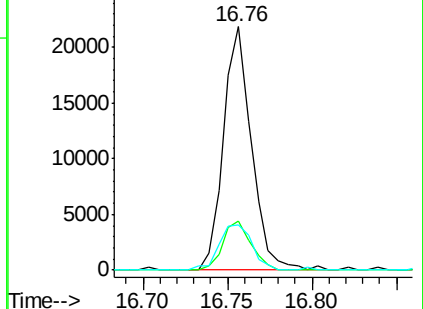
203 18.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

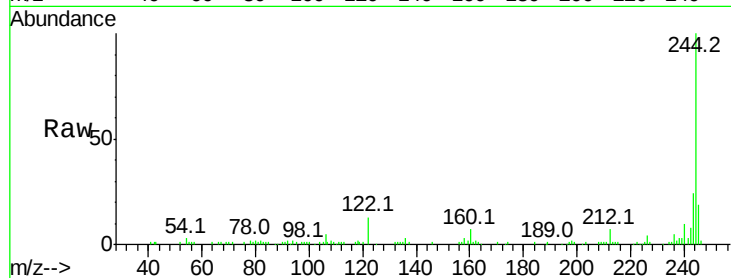




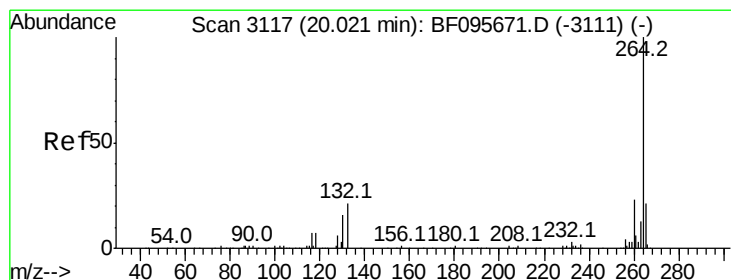
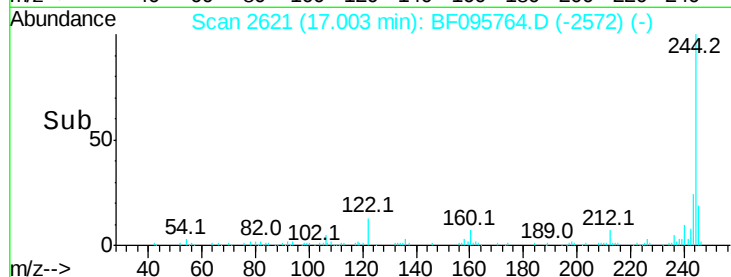
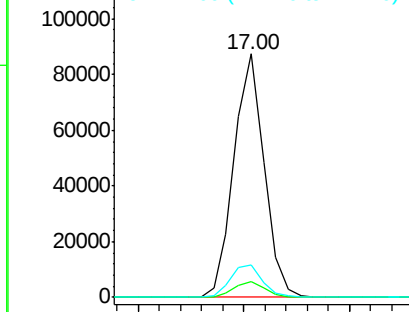
#78
 Terphenyl-d14
 Concen: 14.83 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095764.D
 Acq: 8 Jun 2017 00:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 86636
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 13.3 10.3 15.5

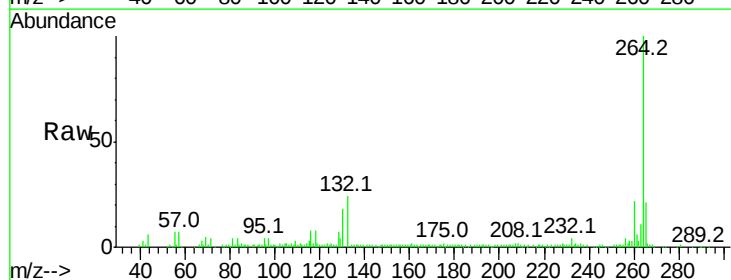


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

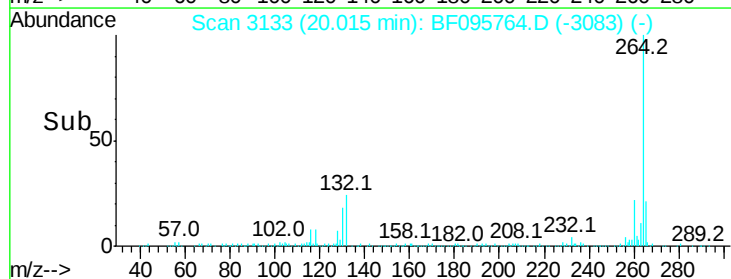
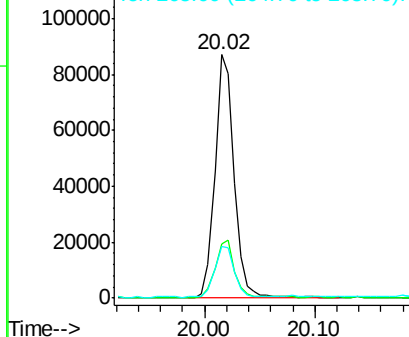


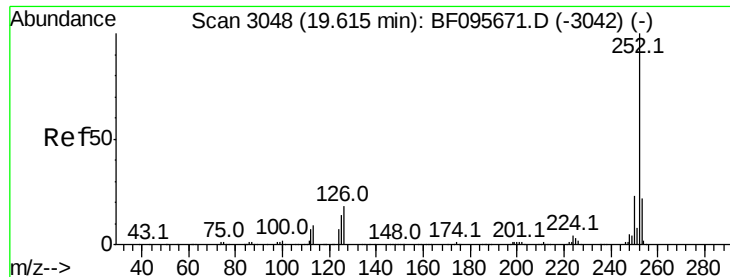
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF095764.D
 Acq: 8 Jun 2017 00:51

Tgt Ion:264 Resp: 104096
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 21.1 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 2.50 ng

RT: 19.62 min Scan# 3066

Delta R.T. 0.01 min

Lab File: BF095764.D

Acq: 8 Jun 2017 00:51

Instrument :

BNA_F

ClientSampleId :

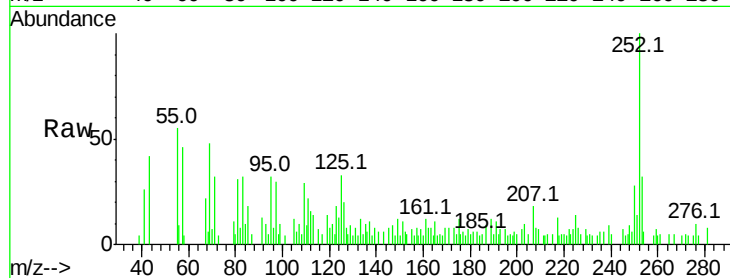
Tot Ion:252 Resp: 16297

Ion Ratio Lower Upper

252 100

253 31.6 18.1 27.1#

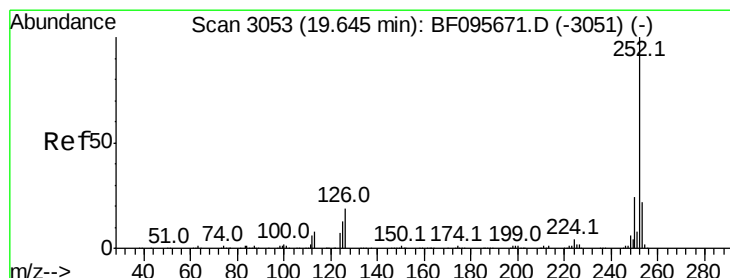
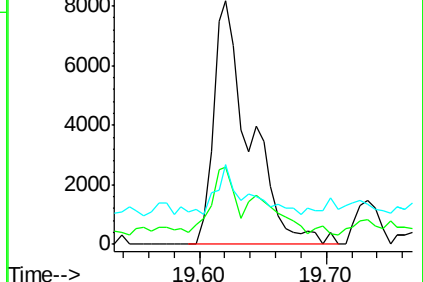
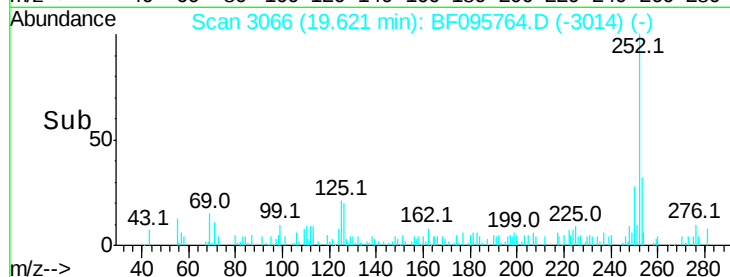
125 32.8 9.8 14.8#



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: 2.62 ng

RT: 19.62 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BF095764.D

Acq: 8 Jun 2017 00:51

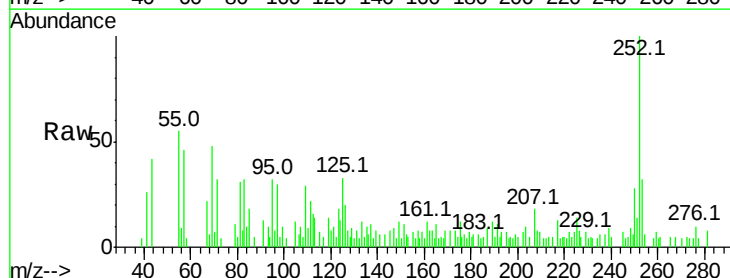
Tgt Ion:252 Resp: 16297

Ion Ratio Lower Upper

252 100

253 31.6 18.4 27.6#

125 32.8 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

