

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095916.D
 Acq On : 14 Jun 2017 3:16
 Operator : SJ/MA
 Sample : I3635-13 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 04:17:12 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

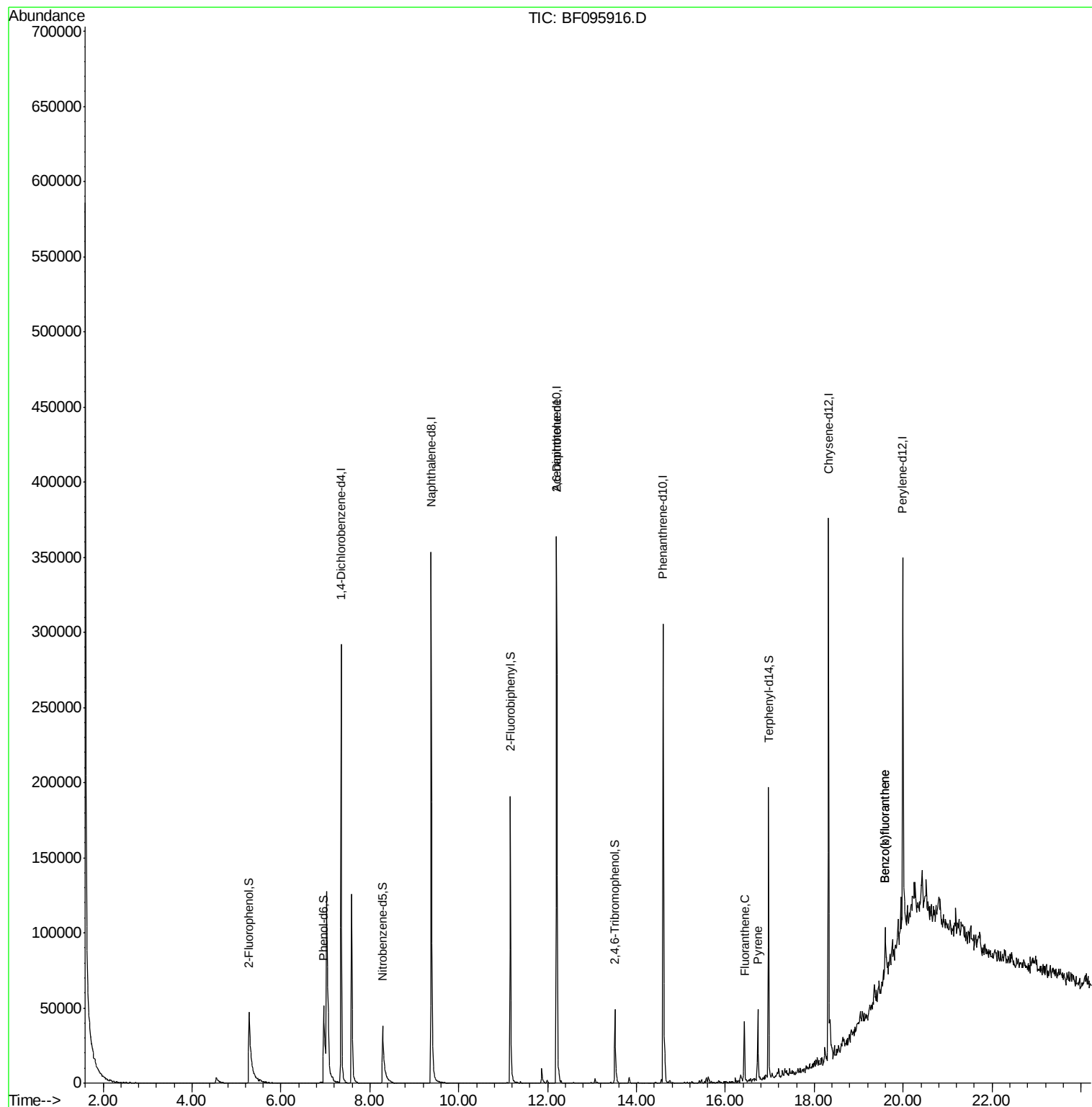
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	71232	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	275197	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	105866	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	171433	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	142349	20.00	ng	-0.04
86) Perylene-d12	19.99	264	99459	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	55327	12.38	ng	0.00
7) Phenol-d6	6.96	99	77452	14.47	ng	0.00
23) Nitrobenzene-d5	8.29	82	46081	10.40	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	13346	14.25	ng	-0.04
44) 2-Fluorobiphenyl	11.16	172	102888	13.52	ng	-0.05
78) Terphenyl-d14	16.97	244	75094	13.09	ng	-0.04
Target Compounds						
50) 2,6-Dinitrotoluene	12.20	165	13408	7.65	ng	# 31
74) Fluoranthene	16.43	202	25131	2.57	ng	94
77) Pyrene	16.73	202	23731	2.23	ng	# 93
87) Benzo(b)fluoranthene	19.59	252	18721	3.01	ng	# 85
88) Benzo(k)fluoranthene	19.59	252	18721	3.14	ng	# 89

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095916.D
Acq On : 14 Jun 2017 3:16
Operator : SJ/MA
Sample : I3635-13 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 14 04:17:12 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



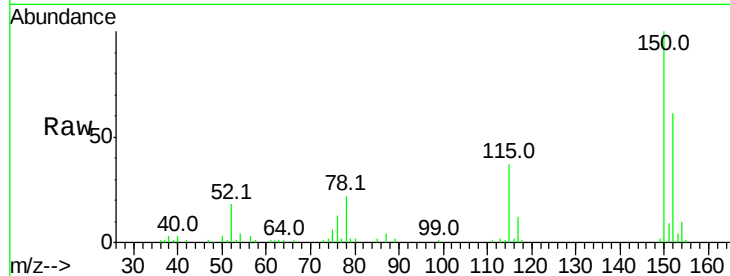


#1

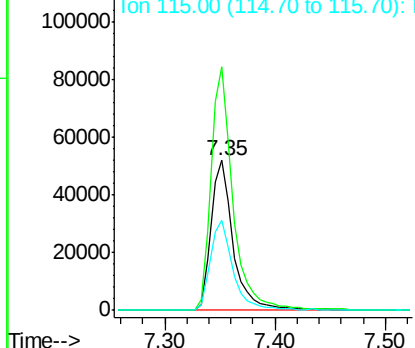
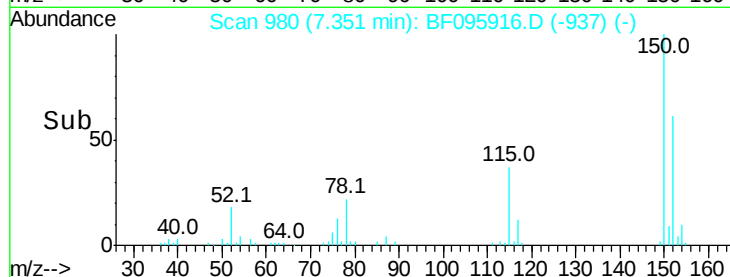
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095916.D
Acq: 14 Jun 2017 3:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 71232
Ion Ratio Lower Upper
152 100
150 162.8 126.2 189.2
115 60.6 52.2 78.2



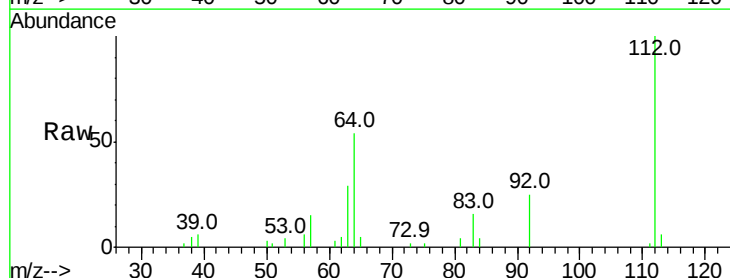
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



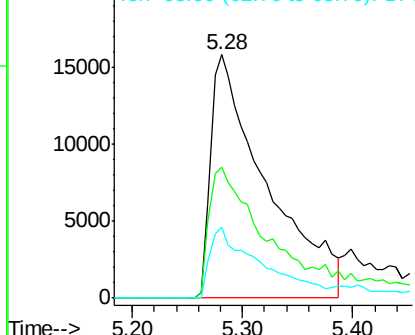
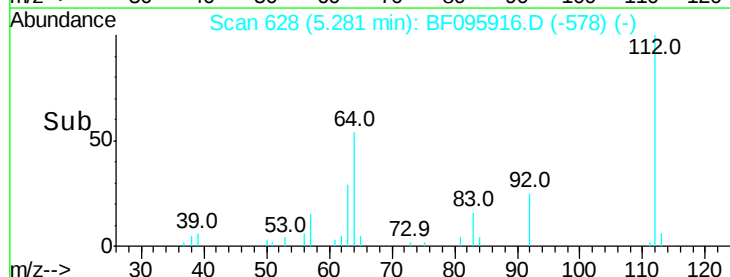
#5

2-Fluorophenol
Concen: 12.38 ng
RT: 5.28 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF095916.D
Acq: 14 Jun 2017 3:16

Tgt Ion:112 Resp: 55327
Ion Ratio Lower Upper
112 100
64 53.5 46.0 69.0
63 28.9 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





#7

Phenol-d6

Concen: 14.47 ng

RT: 6.96 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF095916.D

Acq: 14 Jun 2017 3:16

Instrument :

BNA_F

ClientSampled :

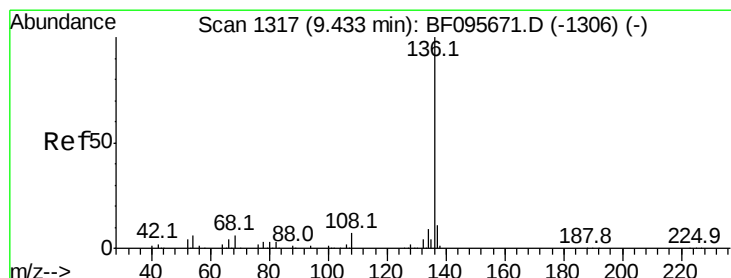
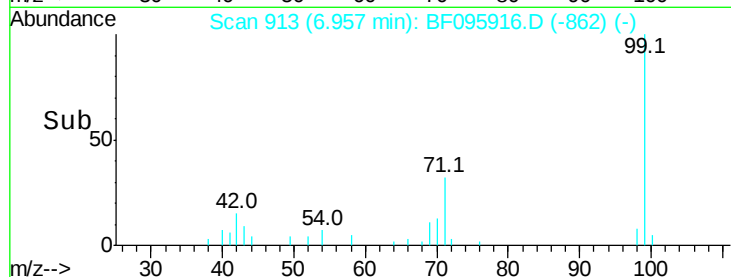
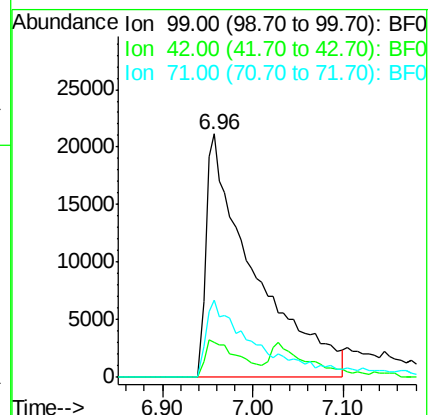
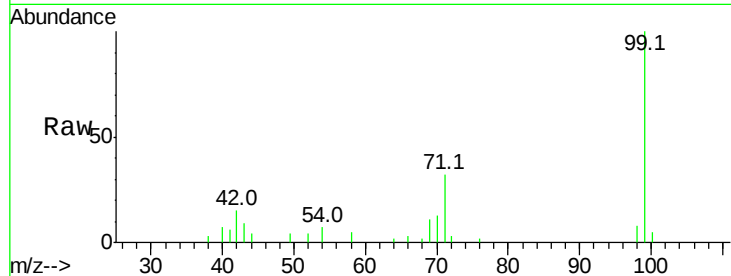
Tot Ion: 99 Resp: 77452

Ion Ratio Lower Upper

99 100

42 14.6 13.5 20.3

71 32.0 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095916.D

Acq: 14 Jun 2017 3:16

Tgt Ion: 136 Resp: 275197

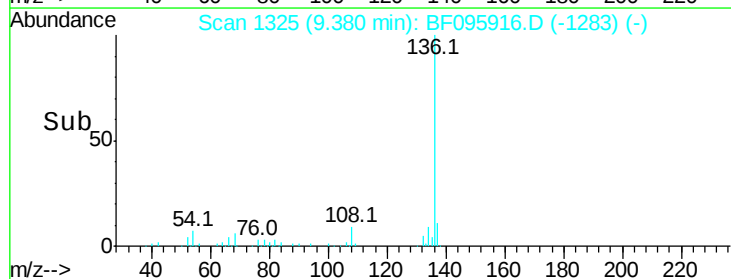
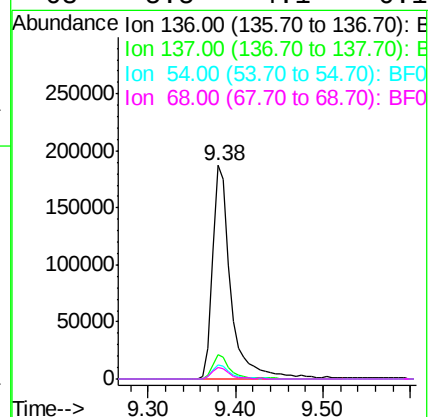
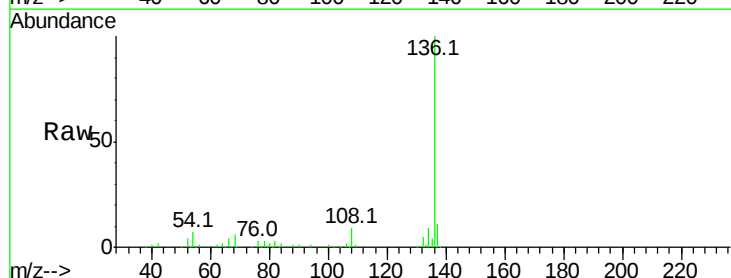
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

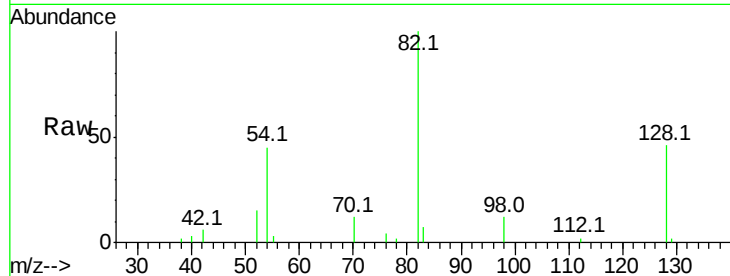




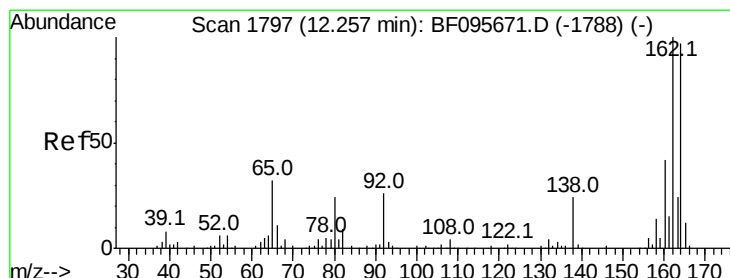
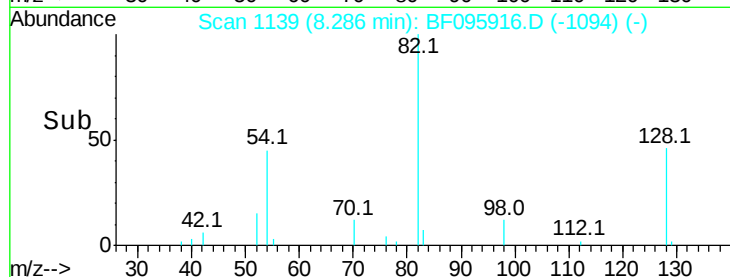
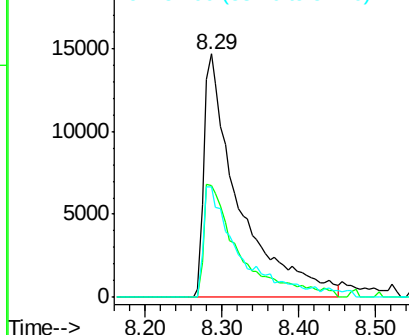
#23
Nitrobenzene-d5
Concen: 10.40 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095916.D
Acq: 14 Jun 2017 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 46081
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 45.3 42.2 63.2

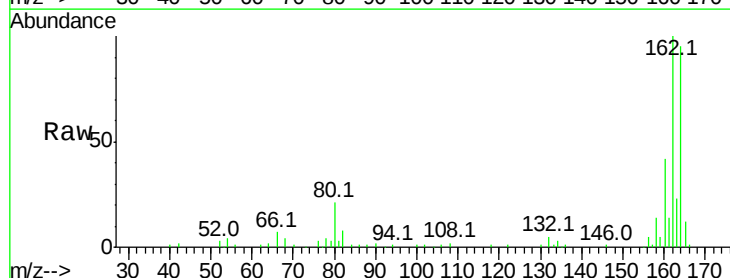


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

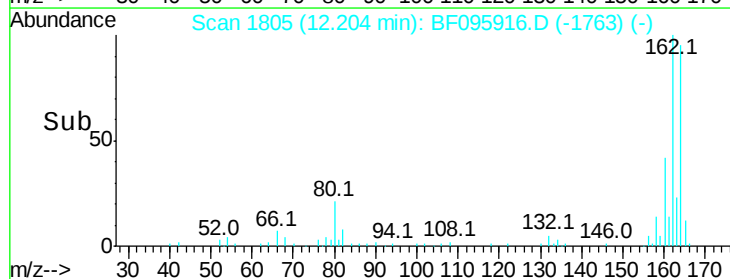
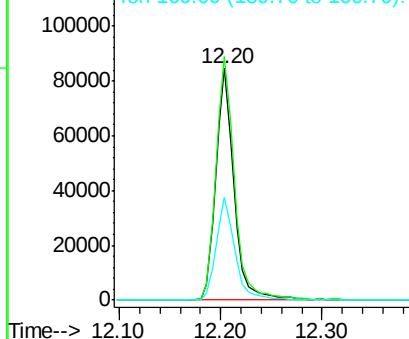


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095916.D
Acq: 14 Jun 2017 3:16

Tgt Ion:164 Resp: 105866
Ion Ratio Lower Upper
164 100
162 105.0 82.6 123.8
160 44.3 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

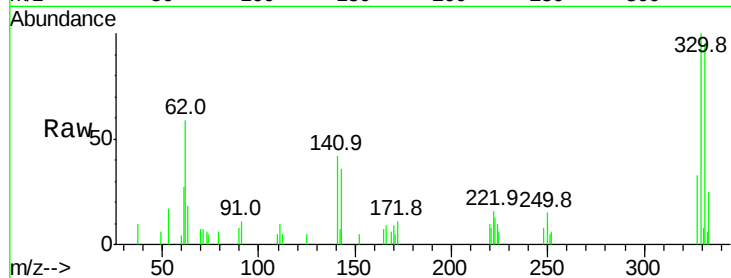




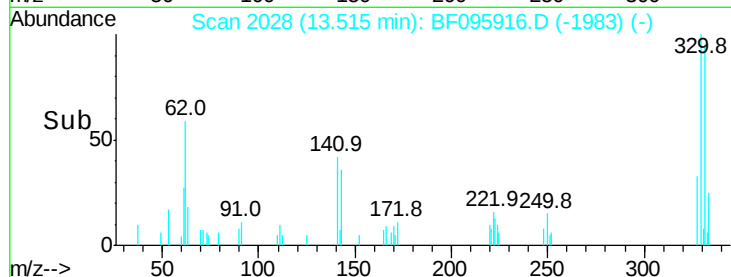
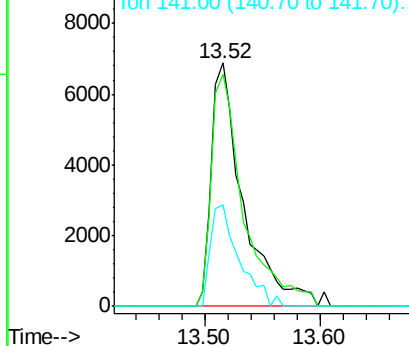
#41
 2,4,6-Tribromophenol
 Concen: 14.25 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095916.D
 Acq: 14 Jun 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 13346
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 37.2 31.4 47.2

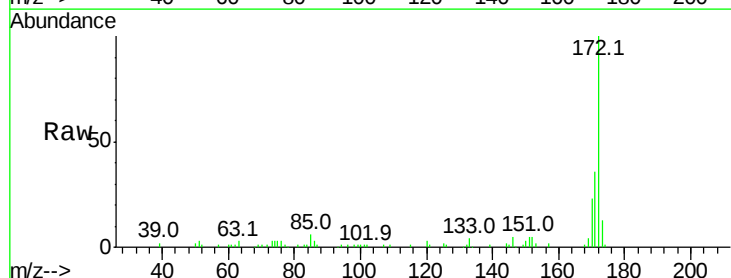


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

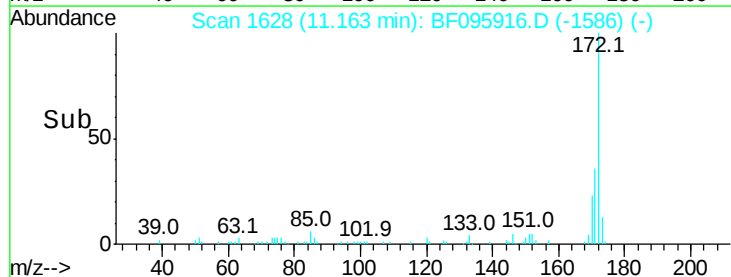
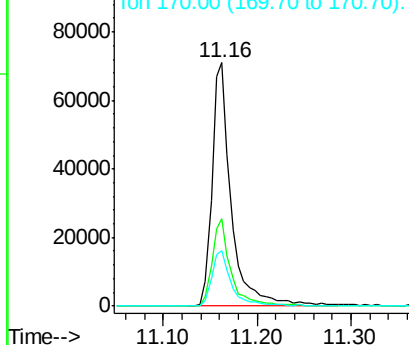


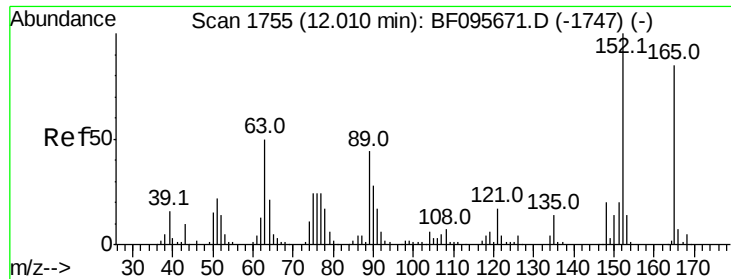
#44
 2-Fluorobiphenyl
 Concen: 13.52 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095916.D
 Acq: 14 Jun 2017 3:16

Tgt Ion:172 Resp: 102888
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 22.6 19.8 29.8



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

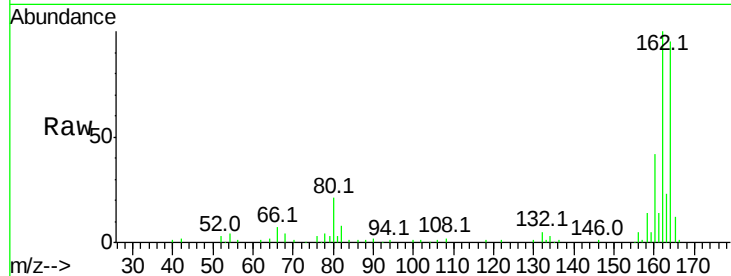




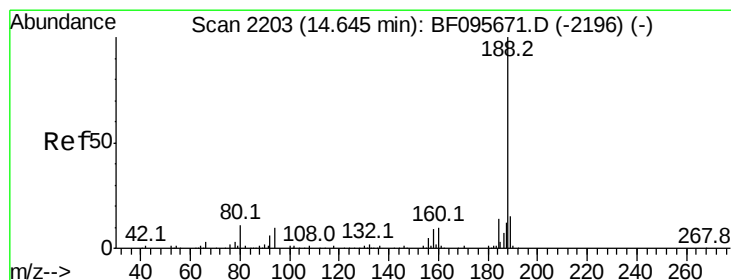
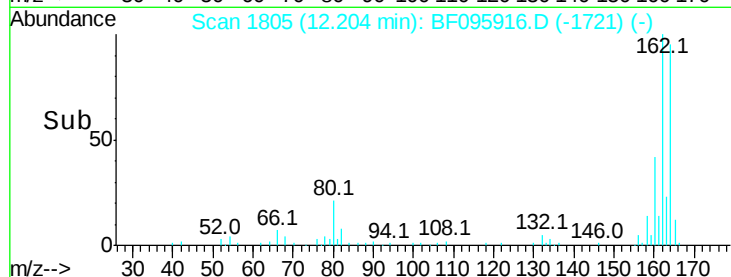
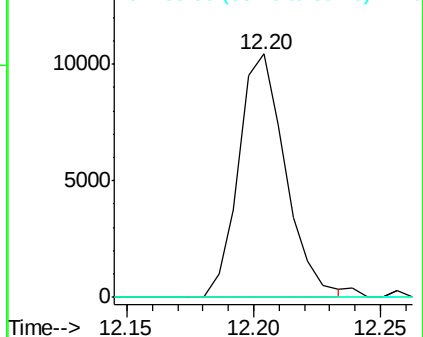
#50
 2,6-Dinitrotoluene
 Concen: 7.65 ng
 RT: 12.20 min Scan# 1805
 Delta R.T. 0.19 min
 Lab File: BF095916.D
 Acq: 14 Jun 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 13408
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

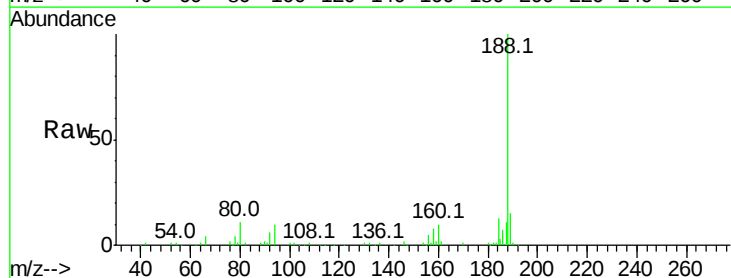


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

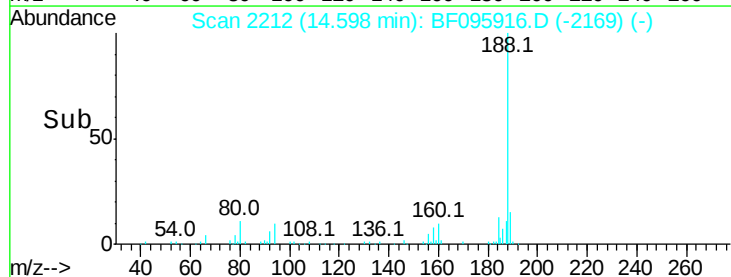
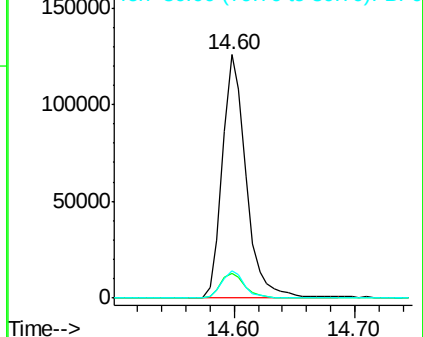


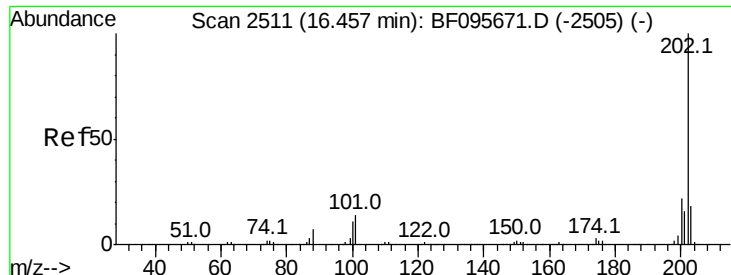
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 2212
 Delta R.T. -0.05 min
 Lab File: BF095916.D
 Acq: 14 Jun 2017 3:16

Tgt Ion:188 Resp: 171433
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.4 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

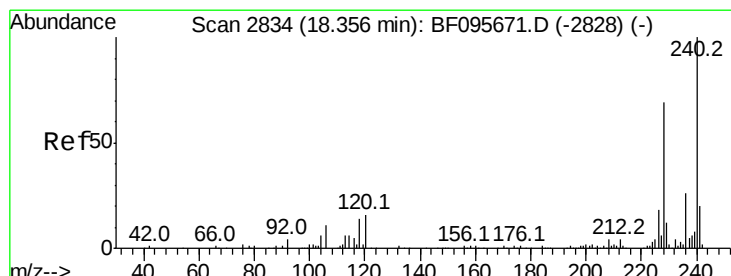
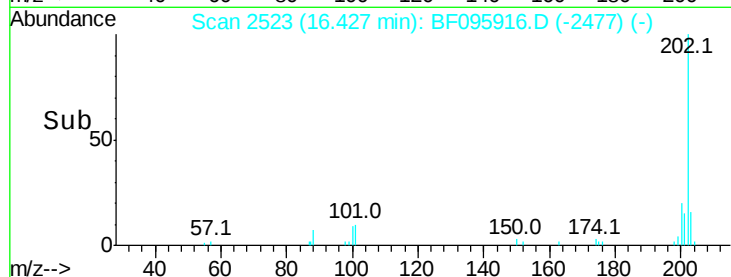
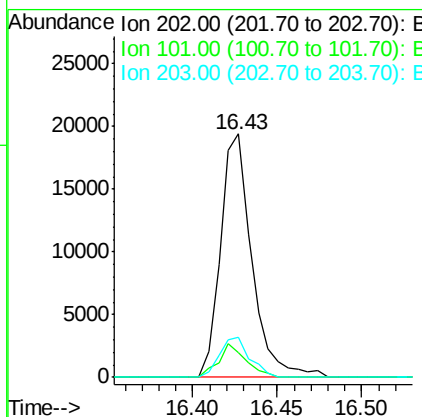
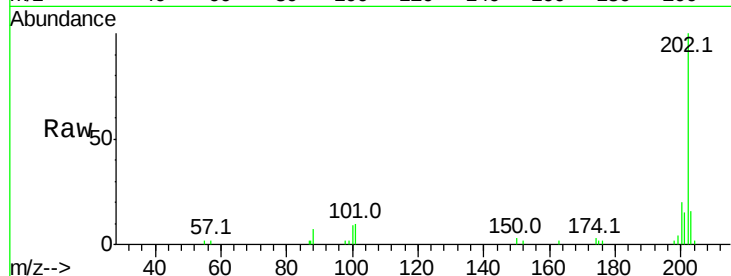




#74
 Fluoranthene
 Concen: 2.57 ng
 RT: 16.43 min Scan# 2523
 Delta R.T. -0.03 min
 Lab File: BF095916.D
 Acq: 14 Jun 2017 3:16

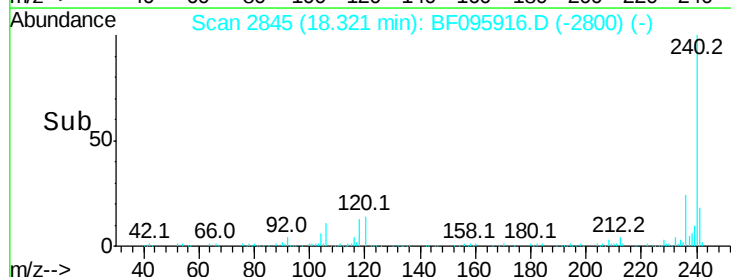
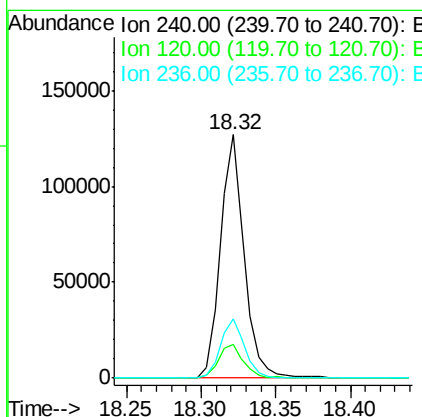
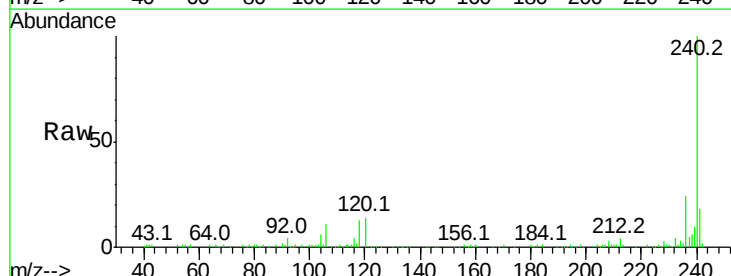
Instrument :
 BNA_F
 ClientSampleId :

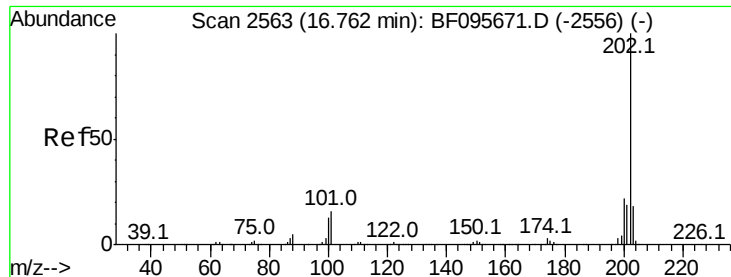
Tot Ion:202 Resp: 25131
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 33.2
 203 16.2 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.04 min
 Lab File: BF095916.D
 Acq: 14 Jun 2017 3:16

Tgt Ion:240 Resp: 142349
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 24.4 20.5 30.7





#77

Pvrene

Concen: 2.23 ng

RT: 16.73 min Scan# 2574

Delta R.T. -0.04 min

Lab File: BF095916.D

Acq: 14 Jun 2017 3:16

Instrument :

BNA_F

ClientSampleId :

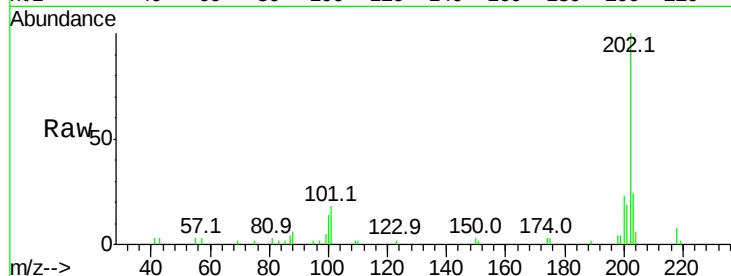
Tot Ion:202 Resp: 23731

Ion Ratio Lower Upper

202 100

200 23.0 17.6 26.4

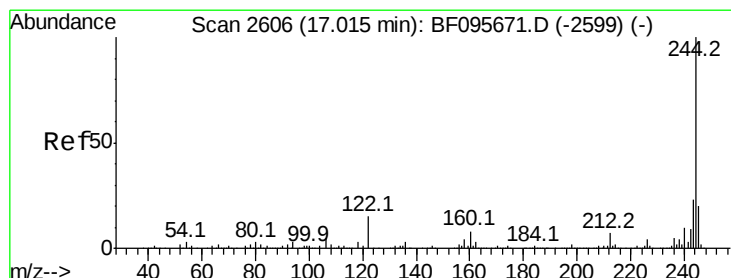
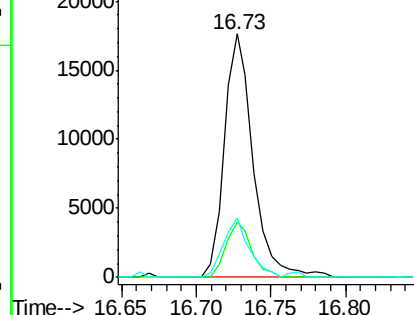
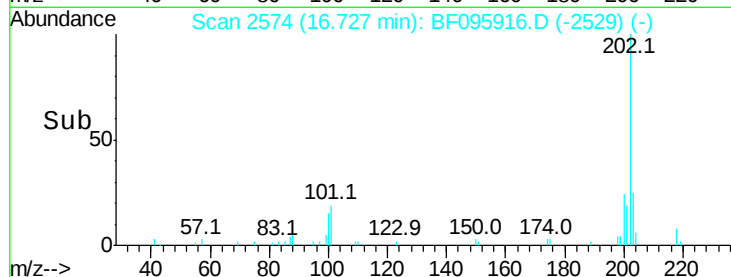
203 24.2 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 13.09 ng

RT: 16.97 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF095916.D

Acq: 14 Jun 2017 3:16

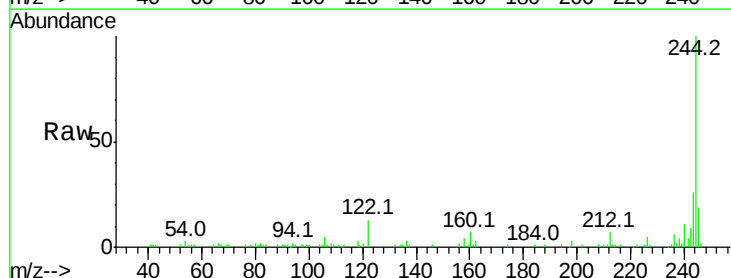
Tgt Ion:244 Resp: 75094

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

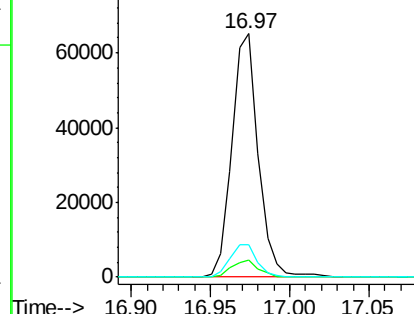
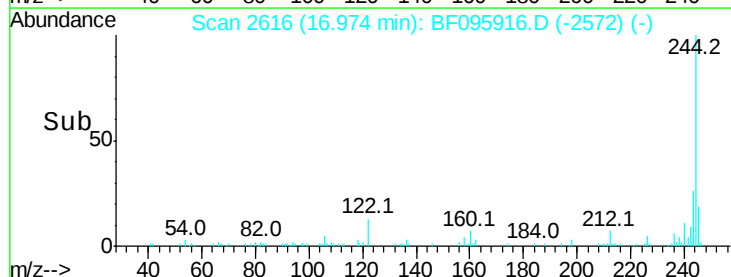
122 13.1 10.3 15.5

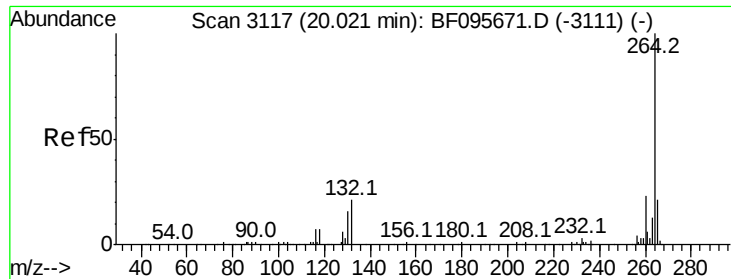


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

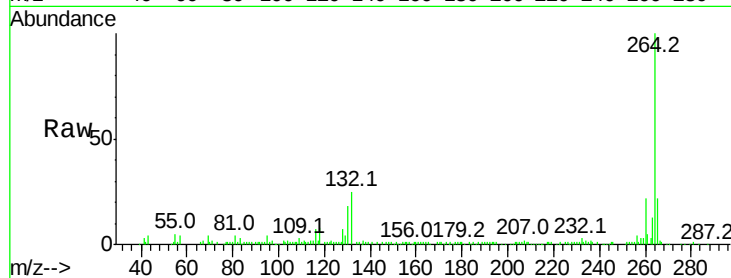




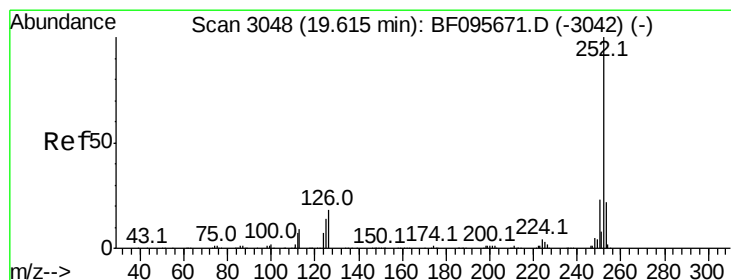
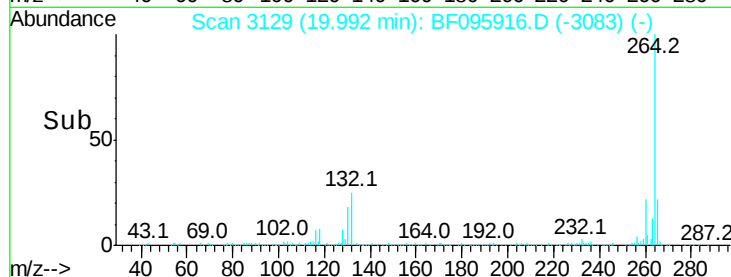
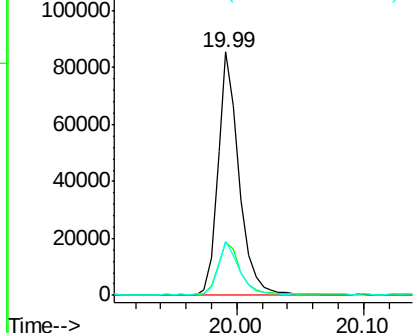
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BF095916.D
Acq: 14 Jun 2017 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 99459
Ion Ratio Lower Upper
264 100
260 21.8 19.5 29.3
265 22.0 17.2 25.8

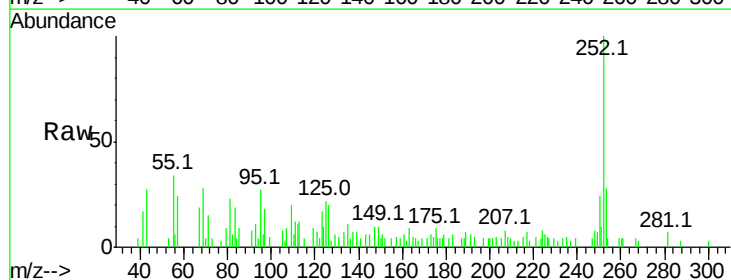


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

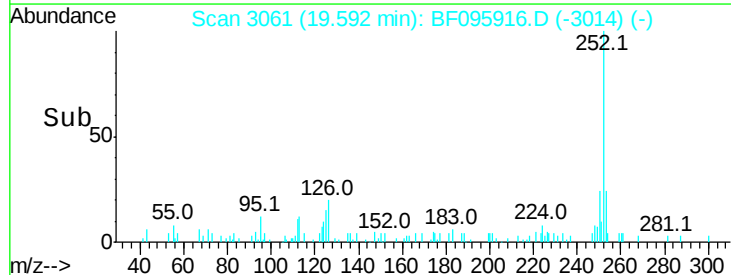
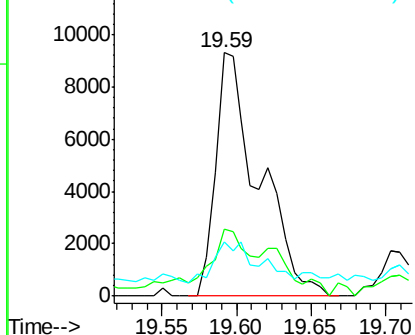


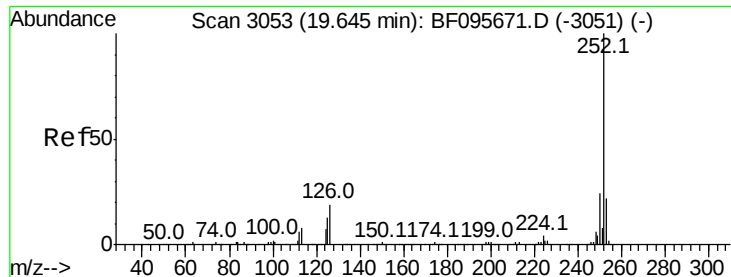
#87
Benzo(b)fluoranthene
Concen: 3.01 ng
RT: 19.59 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BF095916.D
Acq: 14 Jun 2017 3:16

Tgt Ion:252 Resp: 18721
Ion Ratio Lower Upper
252 100
253 27.5 18.1 27.1#
125 22.0 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: 3.14 ng

RT: 19.59 min Scan# 3061

Delta R.T. -0.05 min

Lab File: BF095916.D

Acq: 14 Jun 2017 3:16

Instrument :

BNA_F

ClientSampleId :

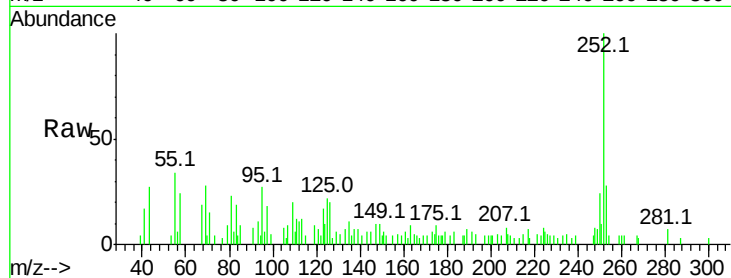
Tot Ion:252 Resp: 18721

Ion Ratio Lower Upper

252 100

253 27.5 18.4 27.6

125 22.0 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

