

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095861.D
 Acq On : 10 Jun 2017 22:21
 Operator : SJ/MA
 Sample : I3597-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 03:52:49 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

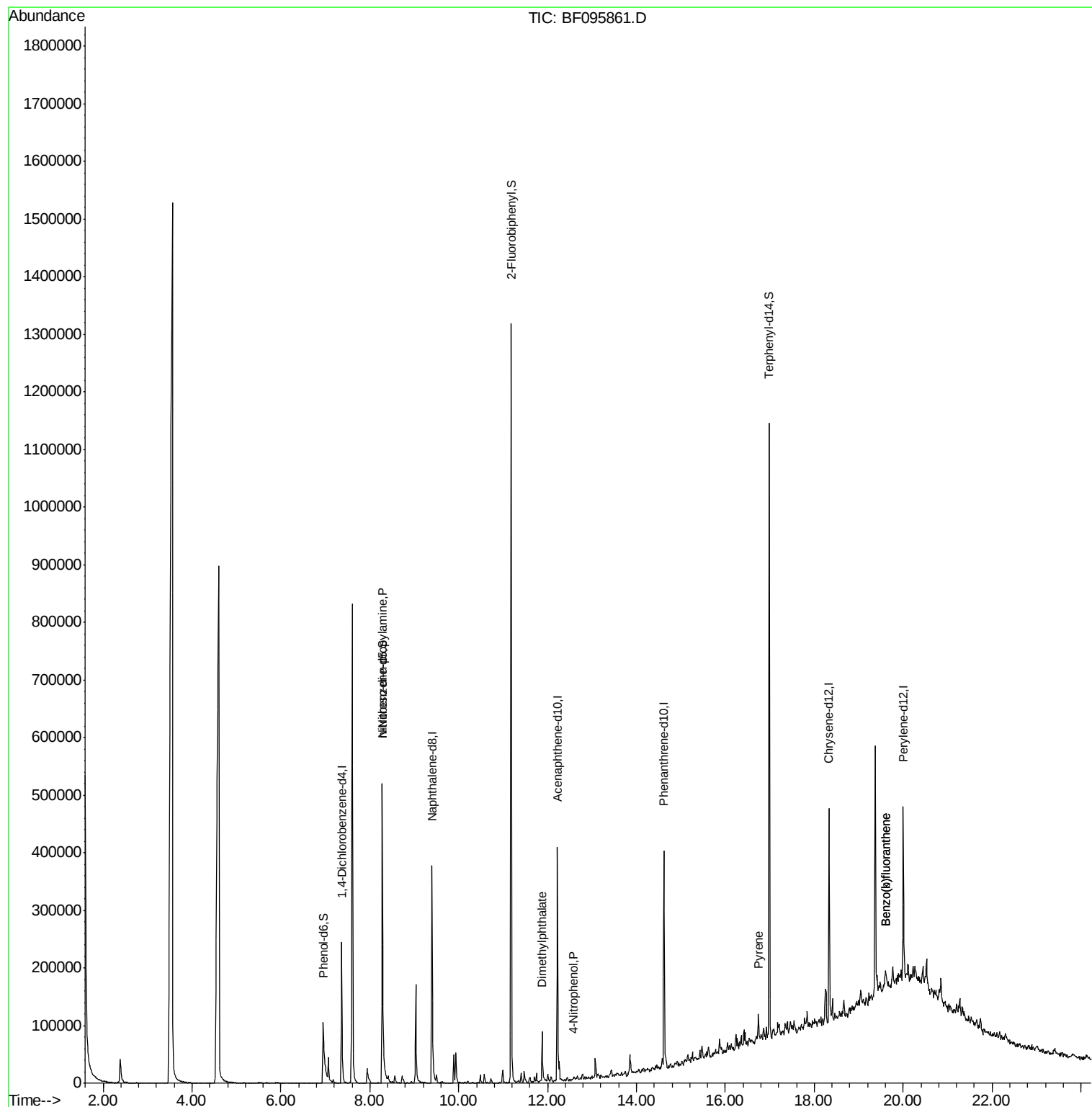
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	63074	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	268074	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	119798	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	195898	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	148036	20.00	ng	-0.02
86) Perylene-d12	20.00	264	125781	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1413	0.36	ng	0.21
7) Phenol-d6	6.95	99	124556	26.28	ng	-0.01
23) Nitrobenzene-d5	8.28	82	295729	68.51	ng	-0.04
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.18	172	602541	69.99	ng	-0.04
78) Terphenyl-d14	16.99	244	415576	69.67	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.28	70	37055	12.34	ng	# 77
49) Dimethylphthalate	11.87	163	61222	6.73	ng	99
55) 4-Nitrophenol	12.59	139	644	5.08	ng	# 25
77) Pyrene	16.74	202	24237	2.19	ng	97
87) Benzo(b)fluoranthene	19.61	252	17638	2.24	ng	# 83
88) Benzo(k)fluoranthene	19.61	252	17638	2.34	ng	# 86

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
Data File : BF095861.D
Acq On : 10 Jun 2017 22:21
Operator : SJ/MA
Sample : I3597-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 12 03:52:49 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



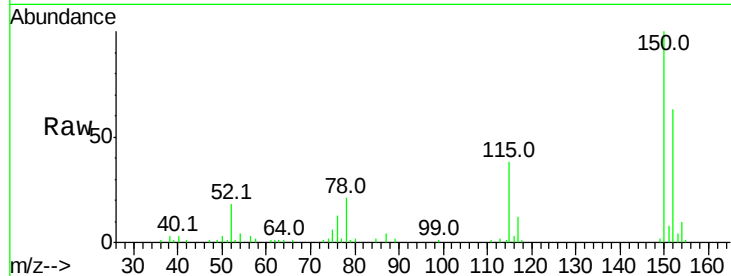


#1

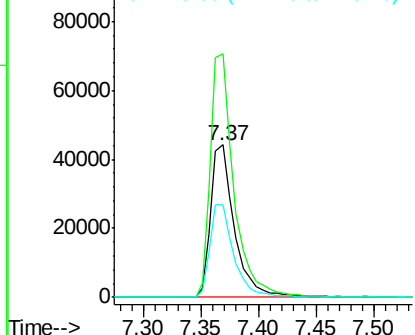
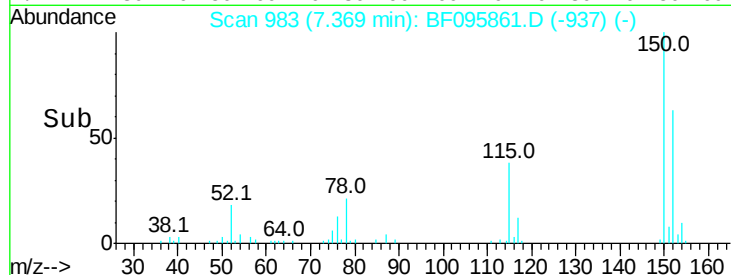
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095861.D
Acq: 10 Jun 2017 22:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 63074
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 60.5 52.2 78.2



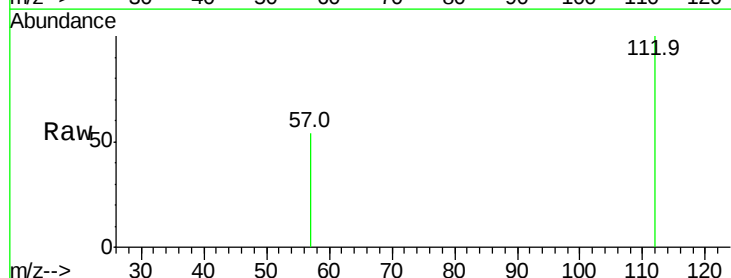
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



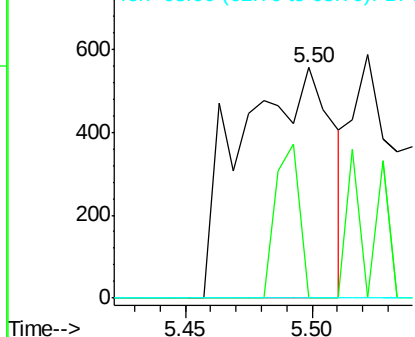
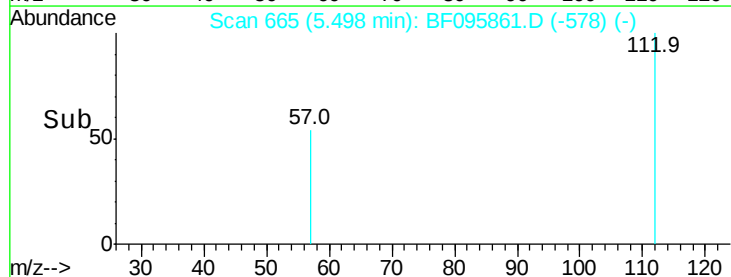
#5

2-Fluorophenol
Concen: 0.36 ng
RT: 5.50 min Scan# 665
Delta R.T. 0.21 min
Lab File: BF095861.D
Acq: 10 Jun 2017 22:21

Tgt Ion:112 Resp: 1413
Ion Ratio Lower Upper
112 100
64 0.0 46.0 69.0#
63 0.0 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: 26.28 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095861.D

Acq: 10 Jun 2017 22:21

Instrument :

BNA_F

ClientSampled :

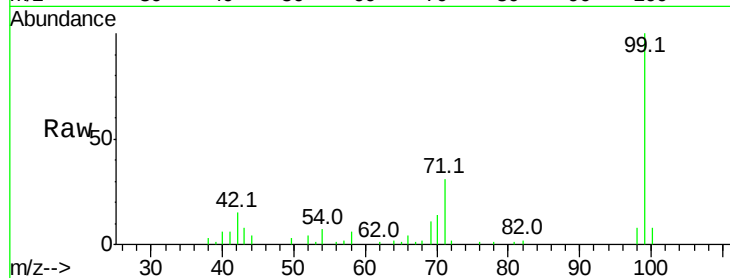
Tot Ion: 99 Resp: 124556

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

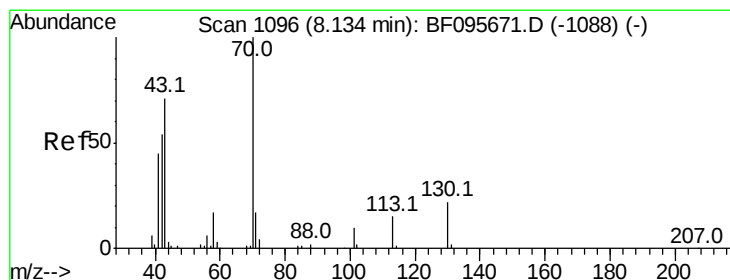
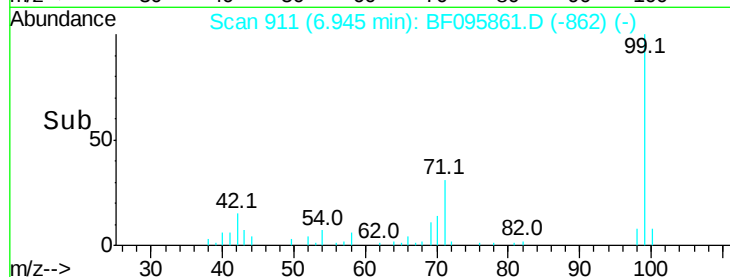
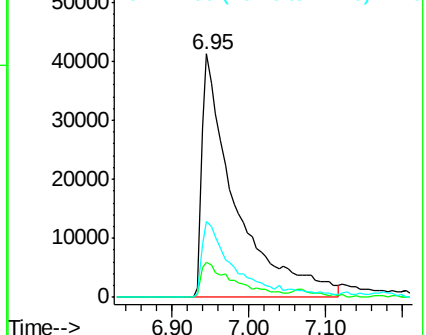
71 31.1 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.34 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BF095861.D

Acq: 10 Jun 2017 22:21

Tgt Ion: 70 Resp: 37055

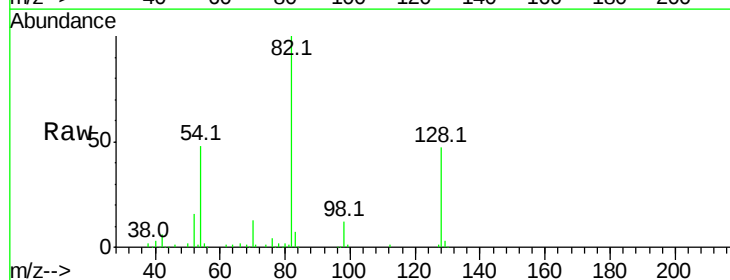
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

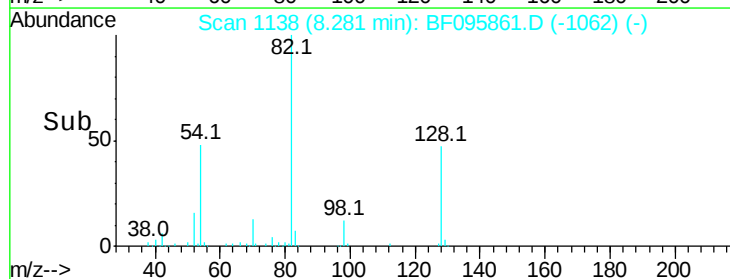
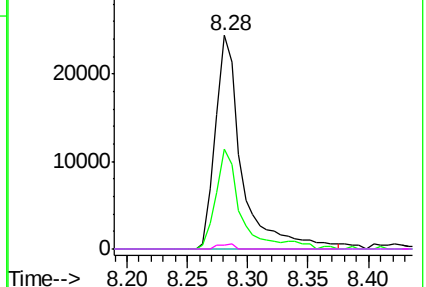


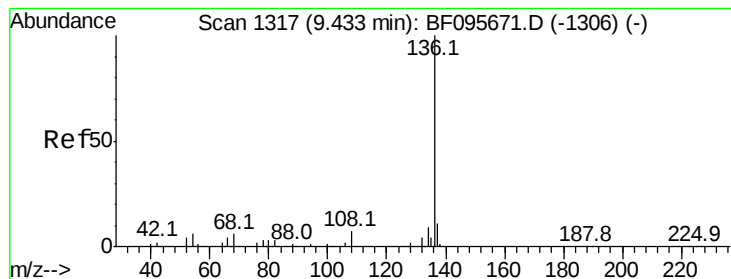
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095861.D

Acq: 10 Jun 2017 22:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 268074

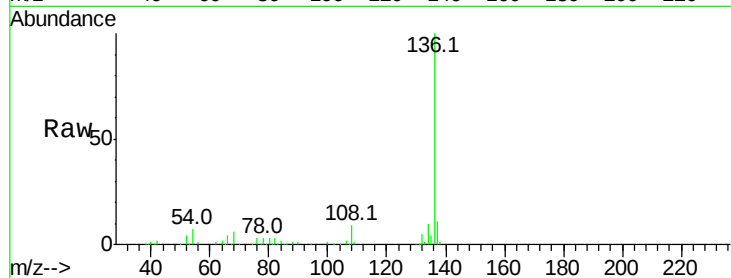
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.8 4.9 7.3

68 5.9 4.1 6.1

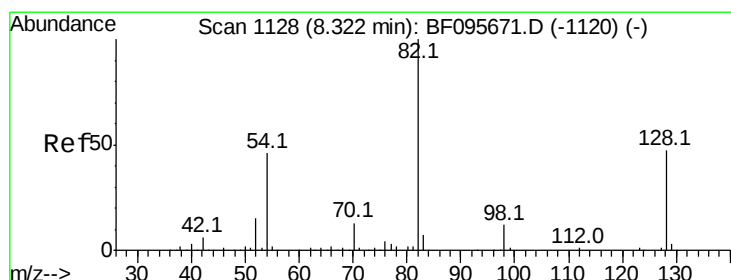
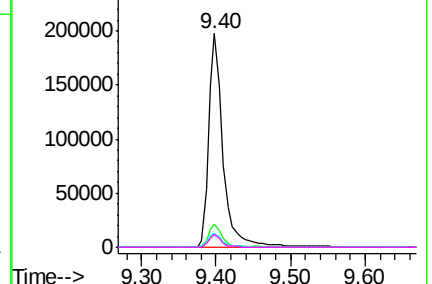
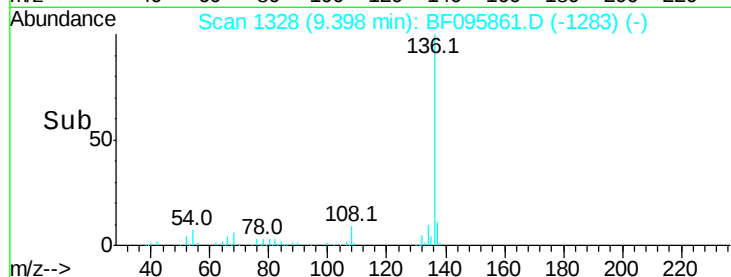


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.51 ng

RT: 8.28 min Scan# 1138

Delta R.T. -0.04 min

Lab File: BF095861.D

Acq: 10 Jun 2017 22:21

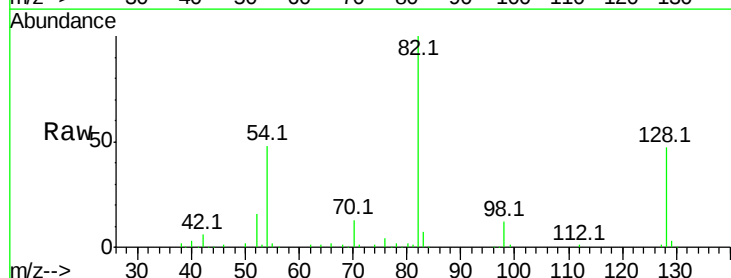
Tgt Ion: 82 Resp: 295729

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

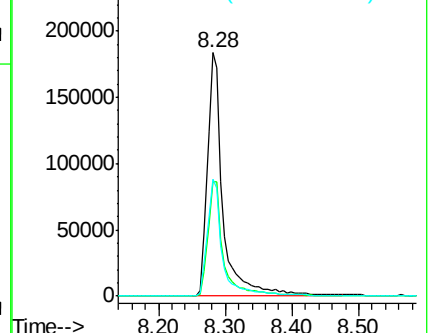
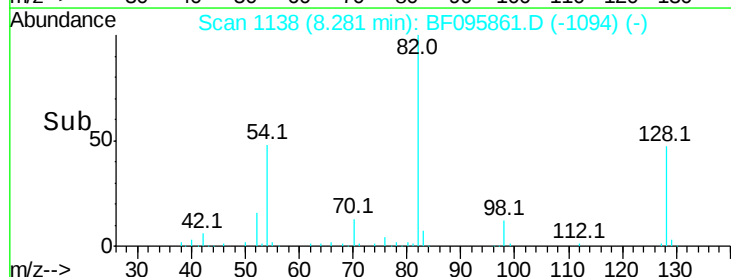
54 47.8 42.2 63.2



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: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095861.D

Acq: 10 Jun 2017 22:21

Instrument :

BNA_F

ClientSampleId :

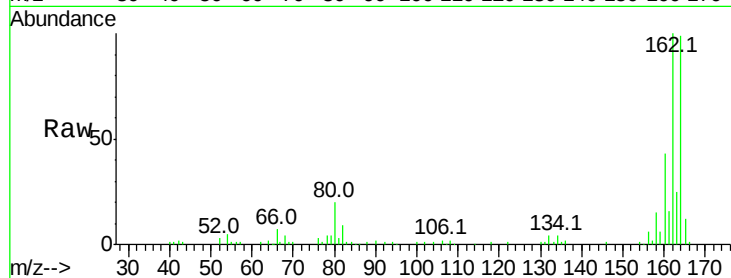
Tot Ion:164 Resp: 119798

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

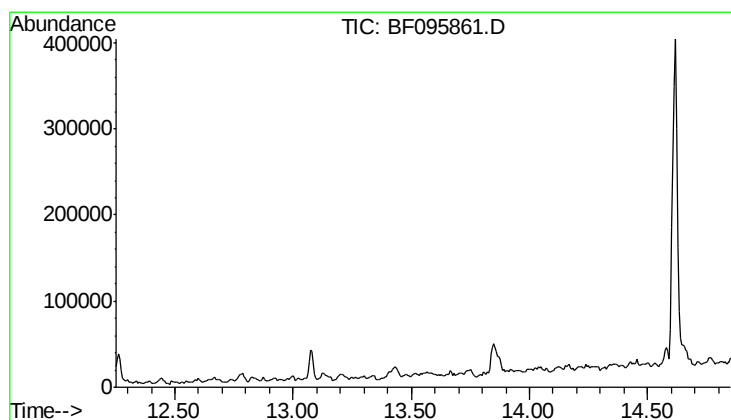
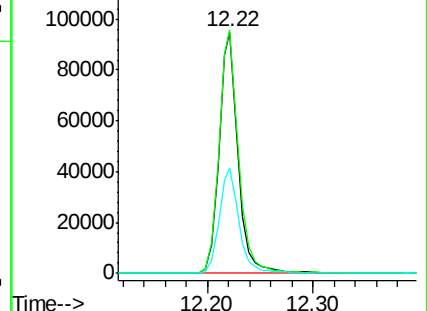
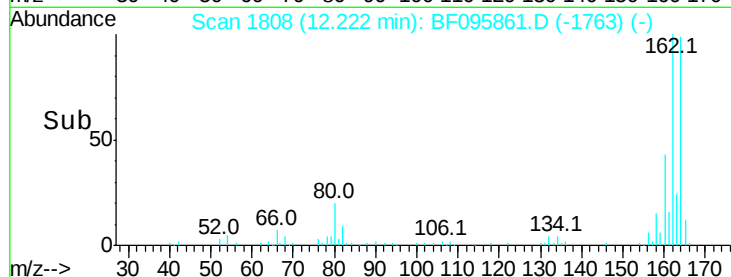
160 43.7 36.2 54.2



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: 0.00 ng

Expected RT: 13.55 min

Lab File: BF095861.D

Acq: 10 Jun 2017 22:21

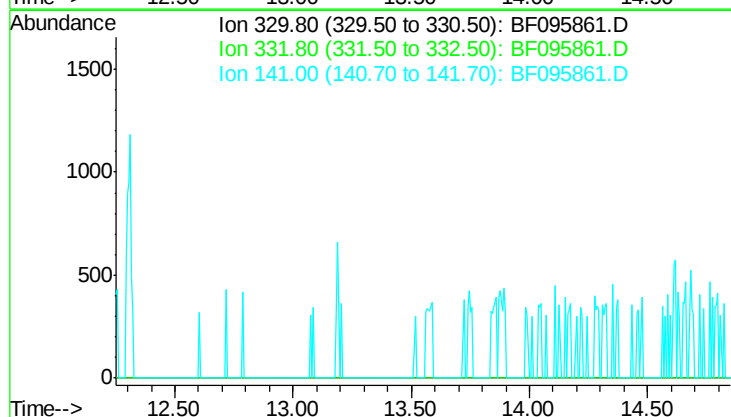
Tgt Ion: 330

Sig Exp Ratio

330 100

332 95.8

141 39.3

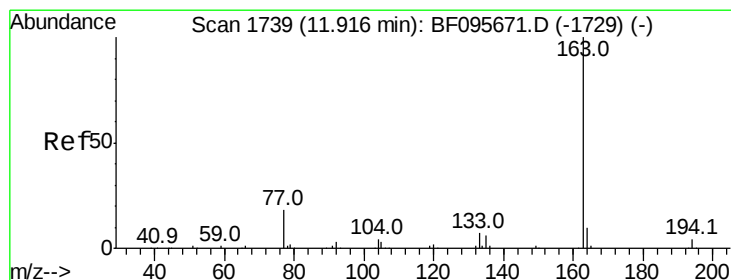
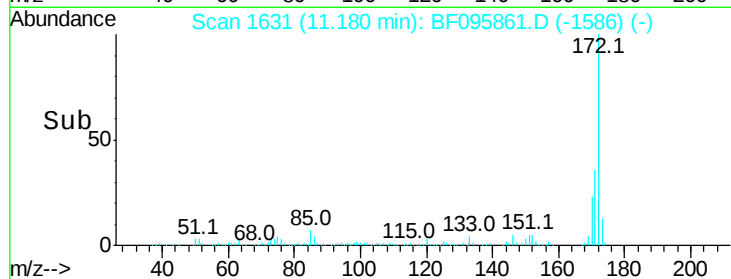
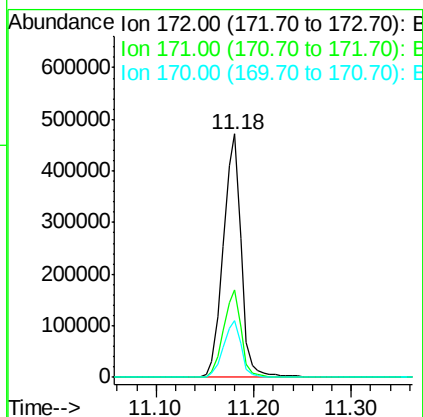
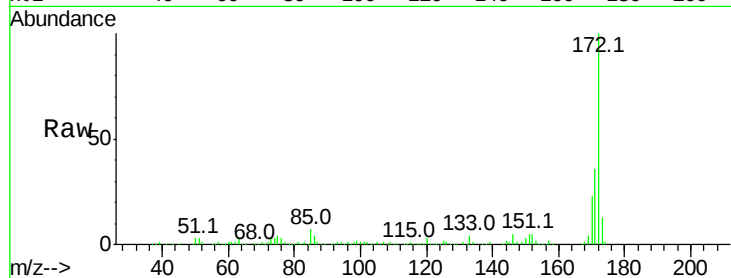




#44
2-Fluorobiphenyl
Concen: 69.99 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095861.D
Acq: 10 Jun 2017 22:21

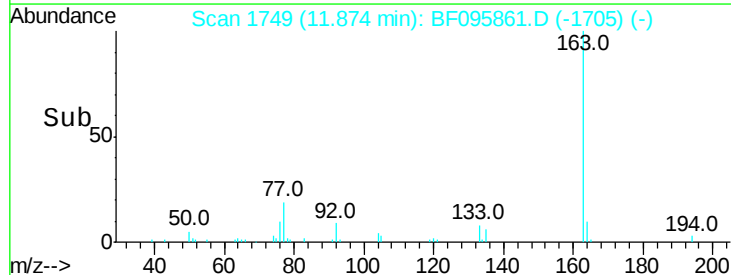
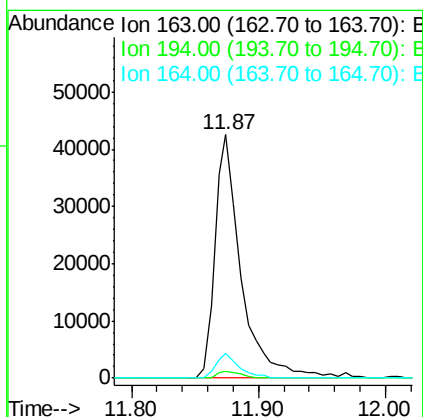
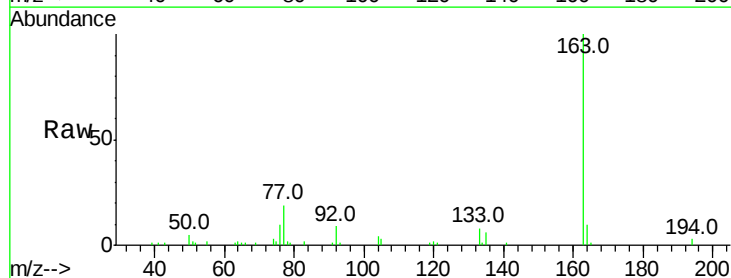
Instrument :
BNA_F
ClientSampleId :

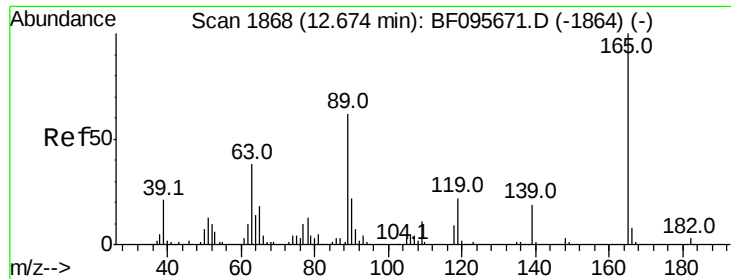
Tot Ion:172 Resp: 602541
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.2 19.8 29.8



#49
Dimethylphthalate
Concen: 6.73 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095861.D
Acq: 10 Jun 2017 22:21

Tgt Ion:163 Resp: 61222
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.4 12.6

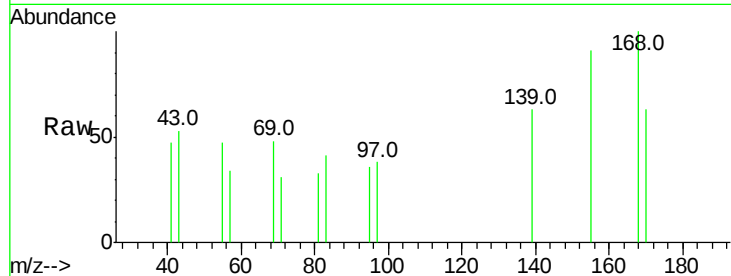




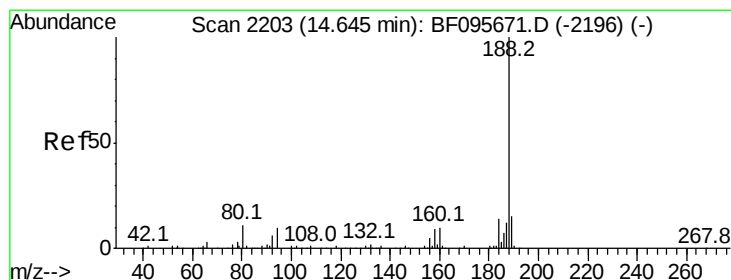
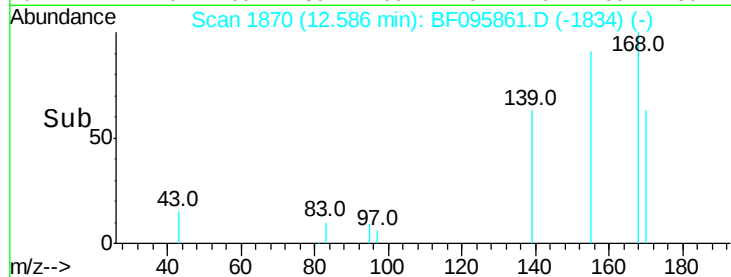
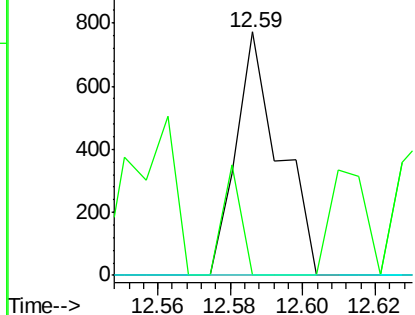
#55
4-Nitrophenol
Concen: 5.08 ng
RT: 12.59 min Scan# 1870
Delta R.T. -0.09 min
Lab File: BF095861.D
Acq: 10 Jun 2017 22:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 644
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#

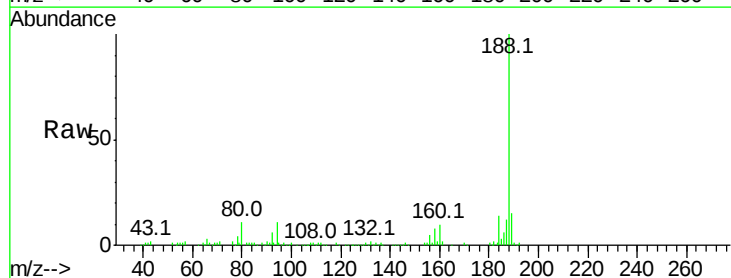


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

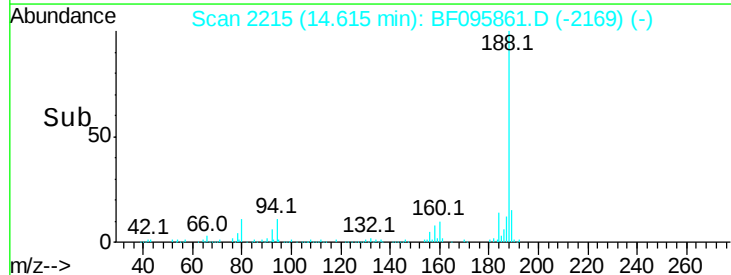
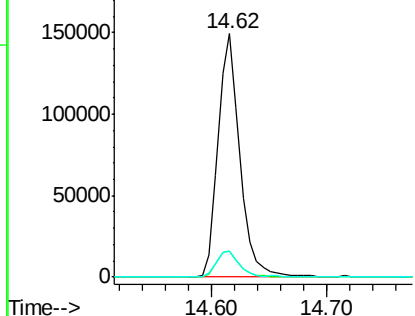


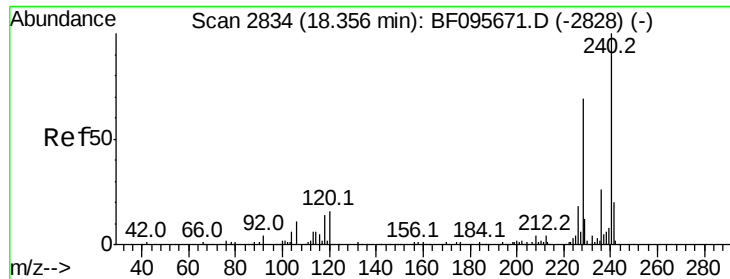
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095861.D
Acq: 10 Jun 2017 22:21

Tgt Ion:188 Resp: 195898
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.8 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095861.D

Acq: 10 Jun 2017 22:21

Instrument :

BNA_F

ClientSampleId :

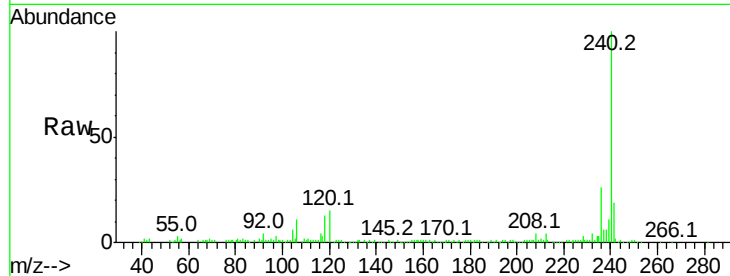
Tot Ion:240 Resp: 148036

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

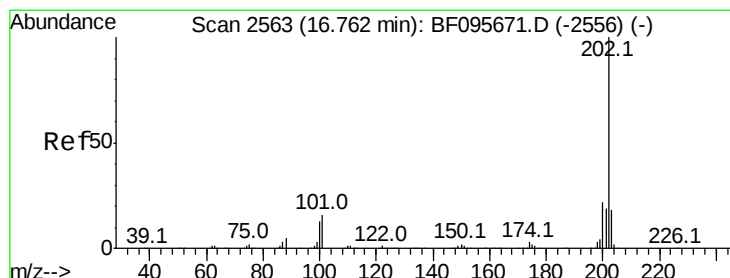
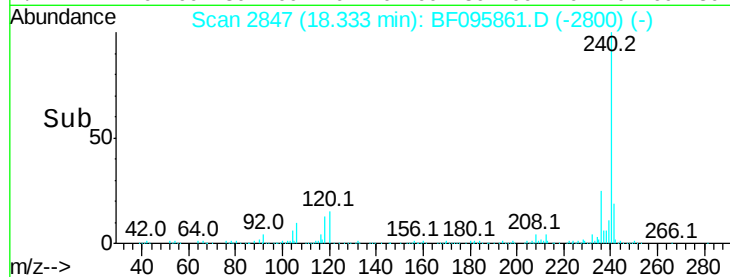
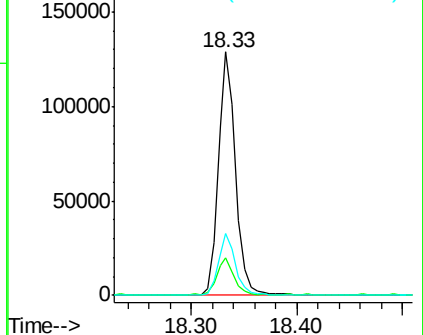
236 25.6 20.5 30.7



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: 2.19 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095861.D

Acq: 10 Jun 2017 22:21

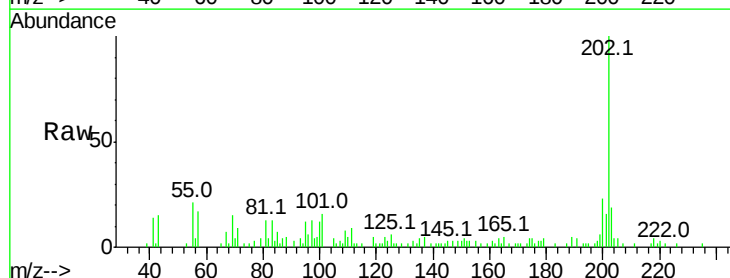
Tgt Ion:202 Resp: 24237

Ion Ratio Lower Upper

202 100

200 23.3 17.6 26.4

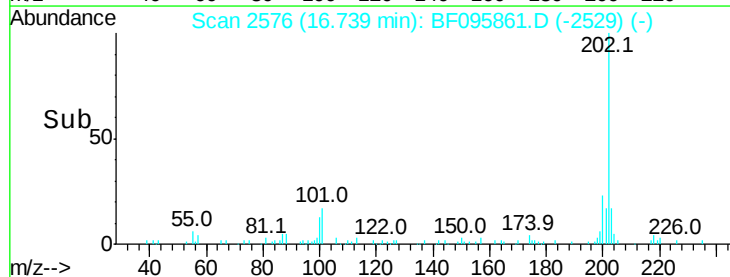
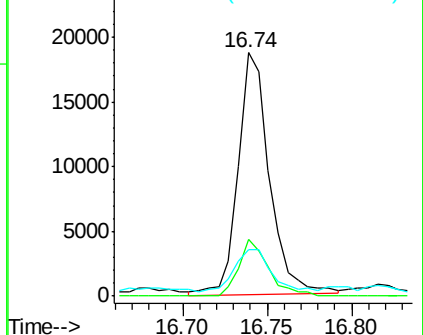
203 19.0 14.4 21.6



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

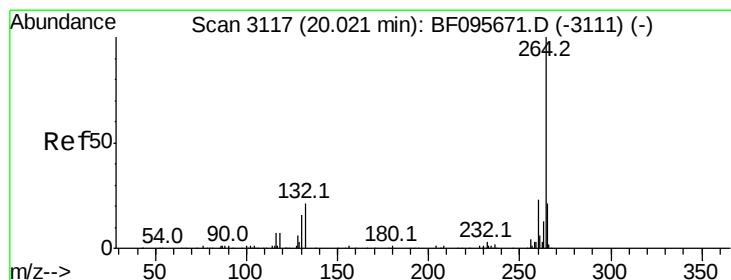
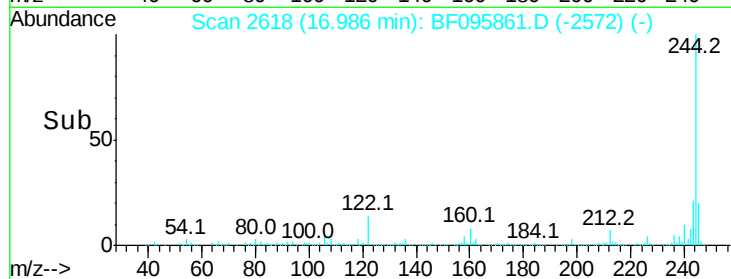
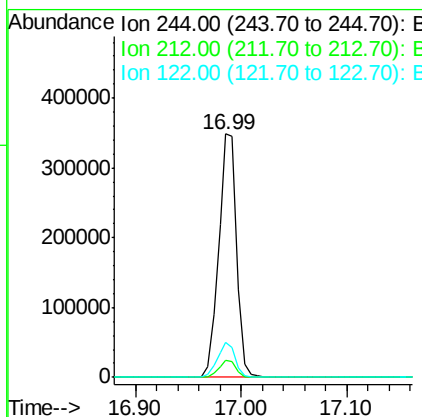
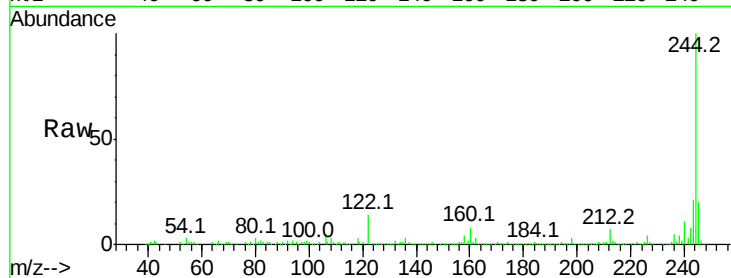




#78
 Terphenyl-d14
 Concen: 69.67 ng
 RT: 16.99 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BF095861.D
 Acq: 10 Jun 2017 22:21

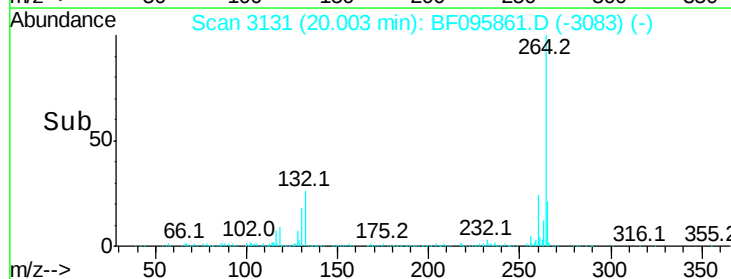
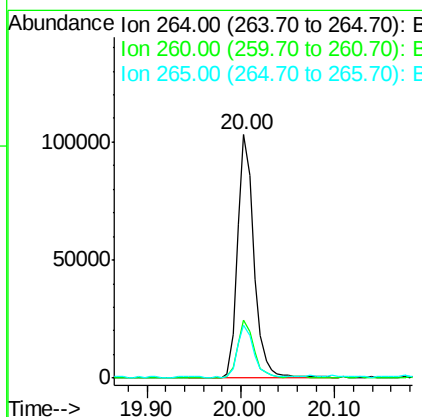
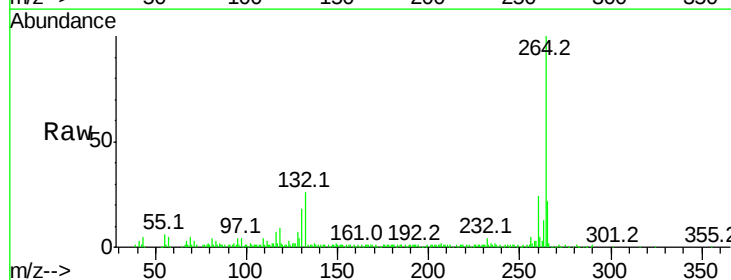
Instrument :
 BNA_F
 ClientSampleId :

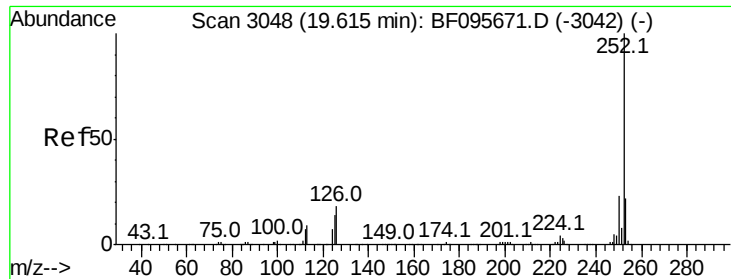
Tot Ion:244 Resp: 415576
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095861.D
 Acq: 10 Jun 2017 22:21

Tgt Ion:264 Resp: 125781
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.24 ng

RT: 19.61 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BF095861.D

Acq: 10 Jun 2017 22:21

Instrument :

BNA_F

ClientSampleId :

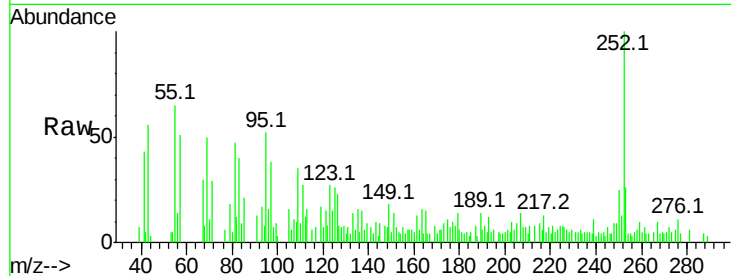
Tot Ion:252 Resp: 17638

Ion Ratio Lower Upper

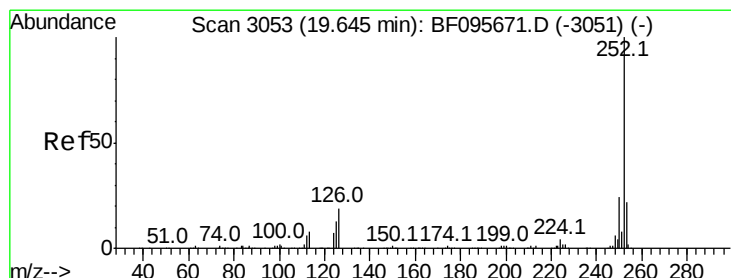
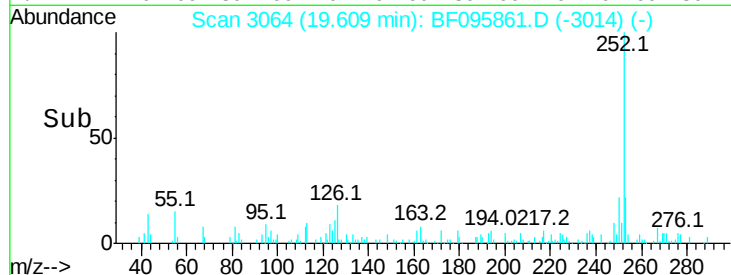
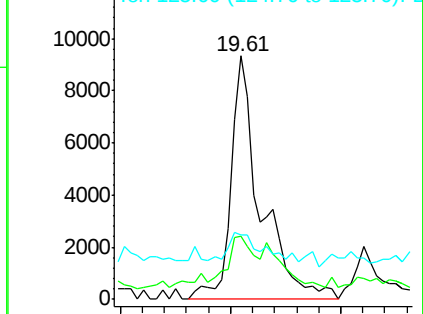
252 100

253 26.2 18.1 27.1

125 26.4 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: 2.34 ng

RT: 19.61 min Scan# 3064

Delta R.T. -0.04 min

Lab File: BF095861.D

Acq: 10 Jun 2017 22:21

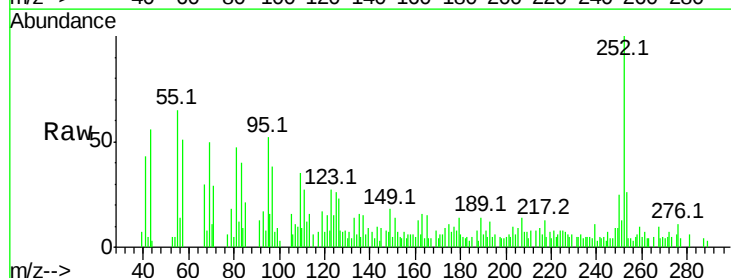
Tgt Ion:252 Resp: 17638

Ion Ratio Lower Upper

252 100

253 26.2 18.4 27.6

125 26.4 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

