

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095935.D
 Acq On : 14 Jun 2017 21:57
 Operator : SJ/MA
 Sample : I3660-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-350

Quant Time: Jun 15 02:37:54 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

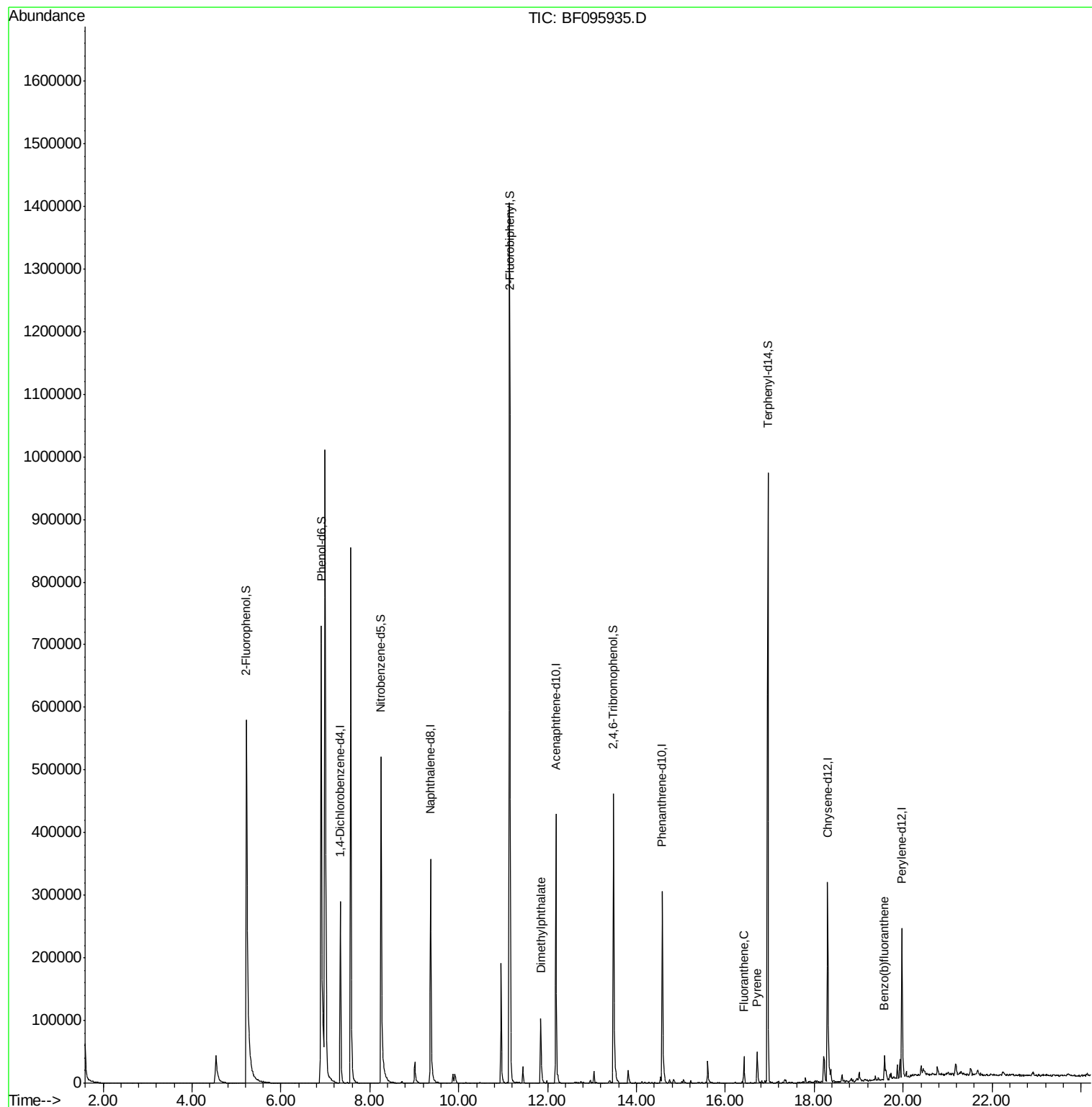
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	70848	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	291994	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	123392	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	187717	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	145582	20.00	ng	-0.05
86) Perylene-d12	19.97	264	121519	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	445355	100.17	ng	-0.06
7) Phenol-d6	6.90	99	522931	98.24	ng	-0.05
23) Nitrobenzene-d5	8.25	82	312673	66.50	ng	-0.07
41) 2,4,6-Tribromophenol	13.48	330	90116	82.54	ng	-0.07
44) 2-Fluorobiphenyl	11.15	172	613034	69.14	ng	-0.07
78) Terphenyl-d14	16.96	244	395663	67.45	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	11.84	163	79724	8.51	ng	98
74) Fluoranthene	16.42	202	27560	2.57	ng	98
77) Pyrene	16.72	202	26210	2.41	ng	97
87) Benzo(b)fluoranthene	19.58	252	23475	3.09	ng	# 97

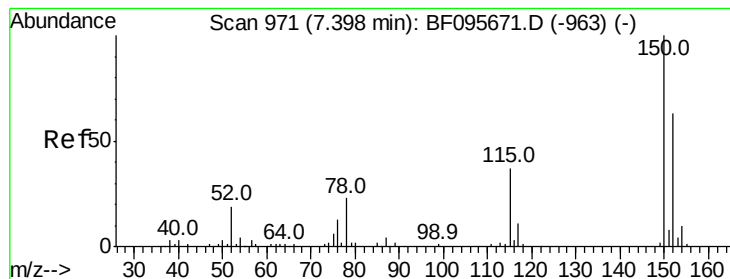
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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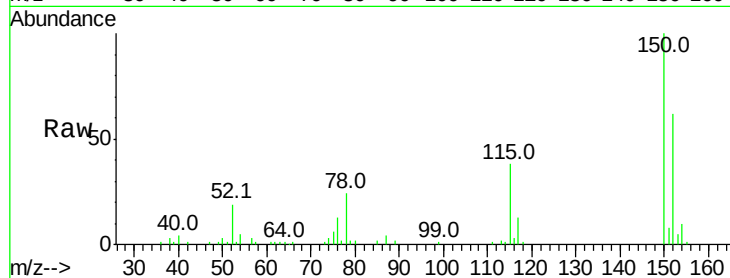


#1

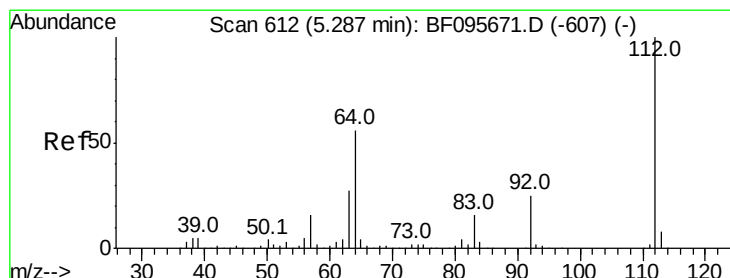
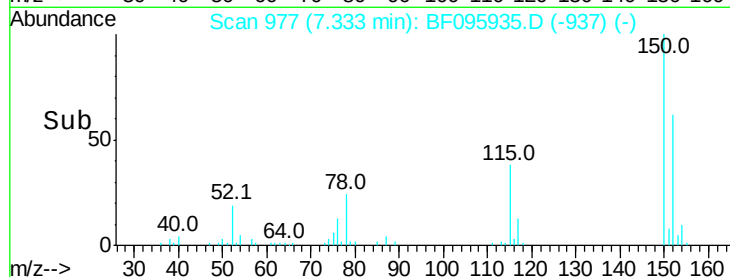
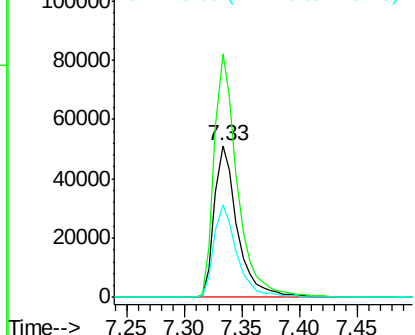
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

Instrument :
BNA_F
ClientSampled :
RO-350

Tot Ion:152 Resp: 70848
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 61.2 52.2 78.2



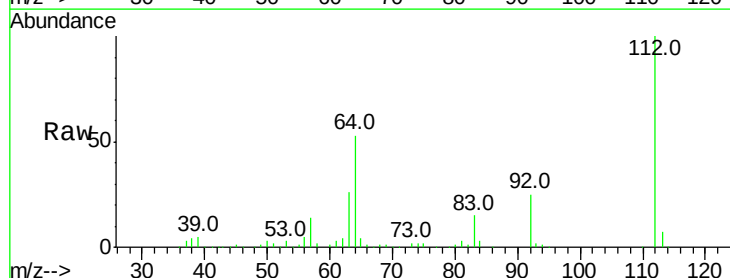
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



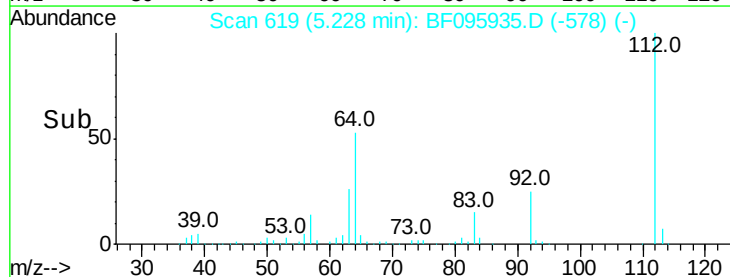
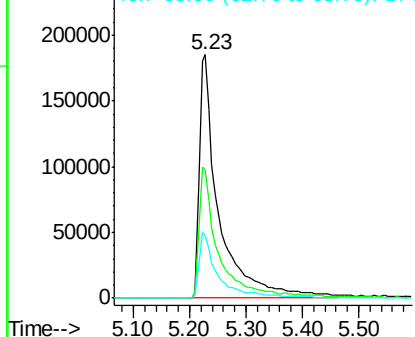
#5

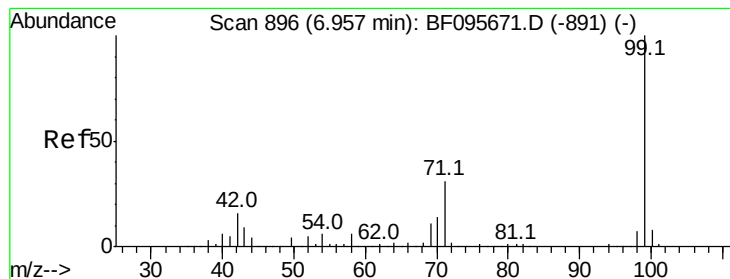
2-Fluorophenol
Concen: 100.17 ng
RT: 5.23 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

Tgt Ion:112 Resp: 445355
Ion Ratio Lower Upper
112 100
64 53.0 46.0 69.0
63 25.7 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: 98.24 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

Instrument :

BNA_F

ClientSampleId :

RO-350

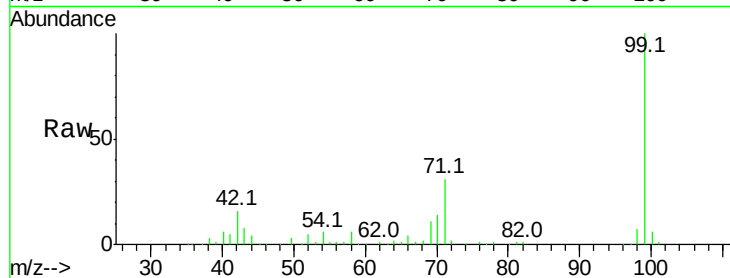
Tot Ion: 99 Resp: 522931

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

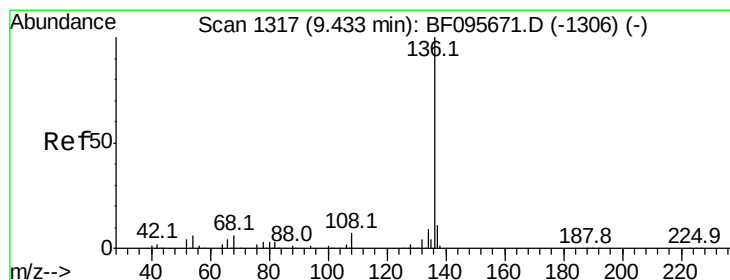
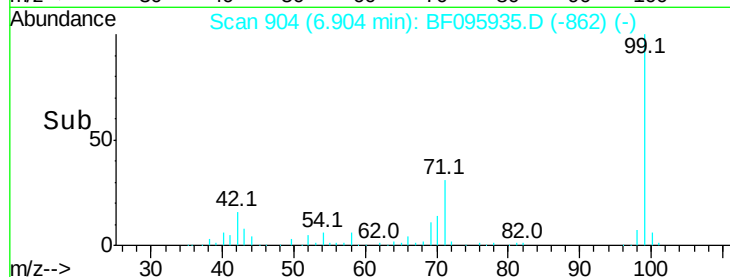
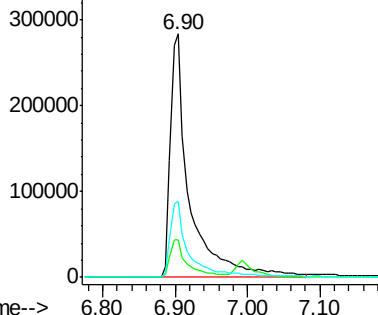
71 31.2 24.5 36.7



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: 9.37 min Scan# 1323

Delta R.T. -0.06 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

Tgt Ion: 136 Resp: 291994

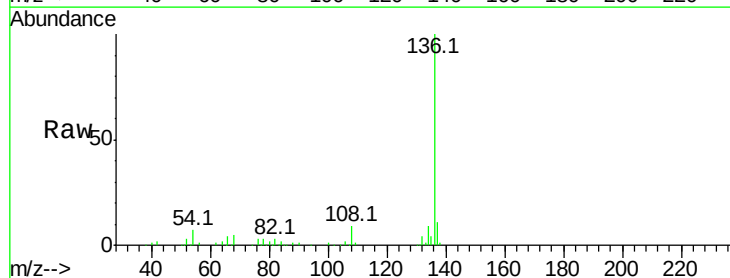
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.2 4.9 7.3

68 5.5 4.1 6.1

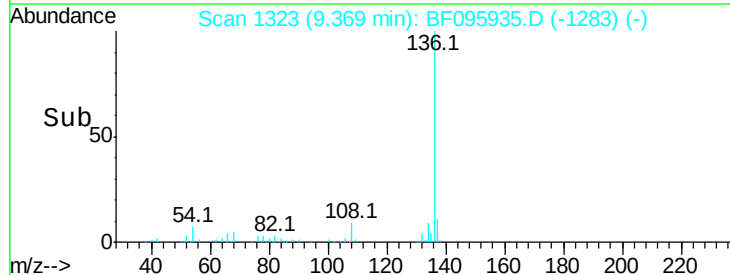
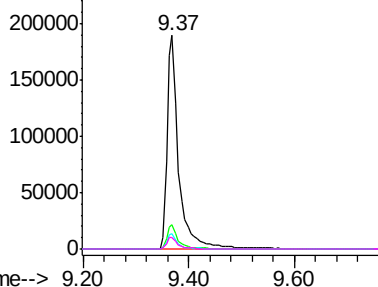


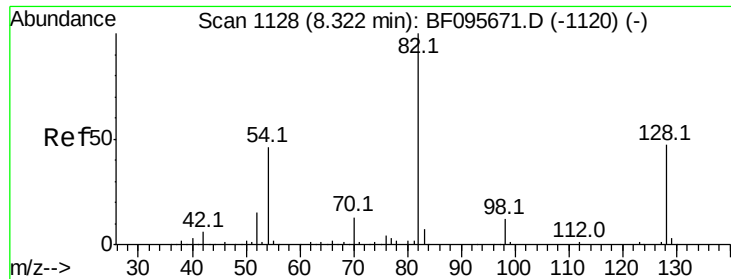
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

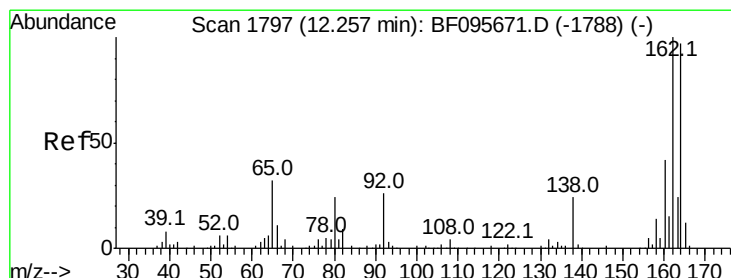
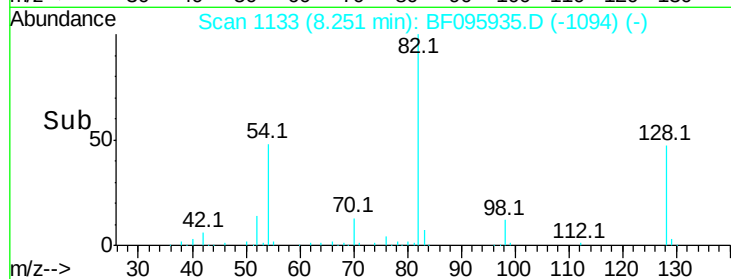
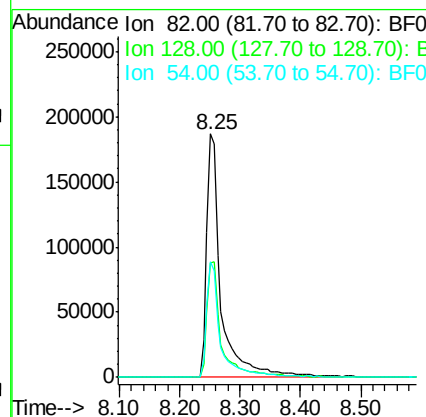
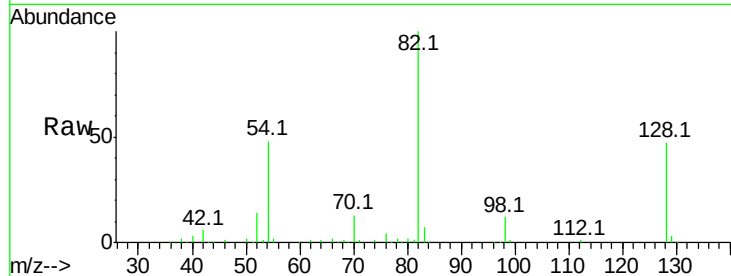




#23
Nitrobenzene-d5
Concen: 66.50 ng
RT: 8.25 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

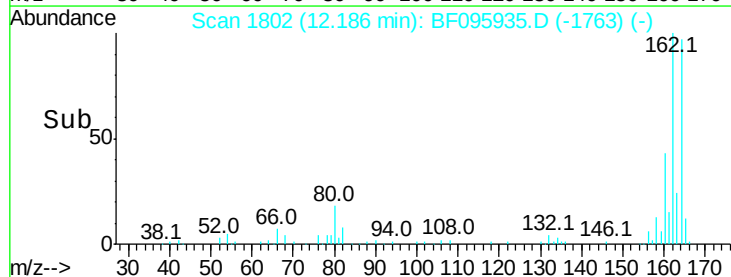
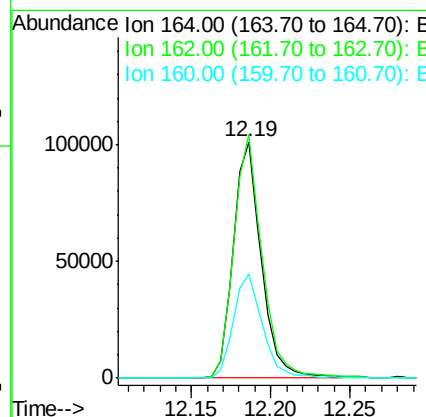
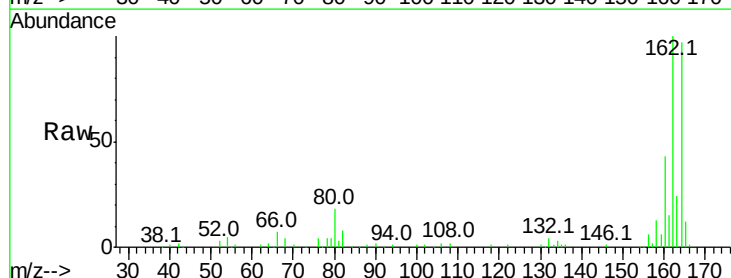
Instrument :
BNA_F
ClientSampled :
RO-350

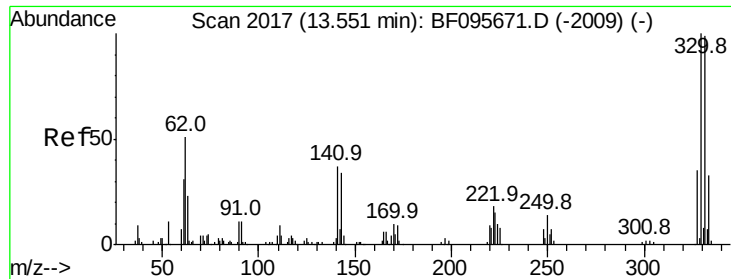
Tot Ion: 82 Resp: 312673
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 47.7 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

Tgt Ion: 164 Resp: 123392
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 44.1 36.2 54.2

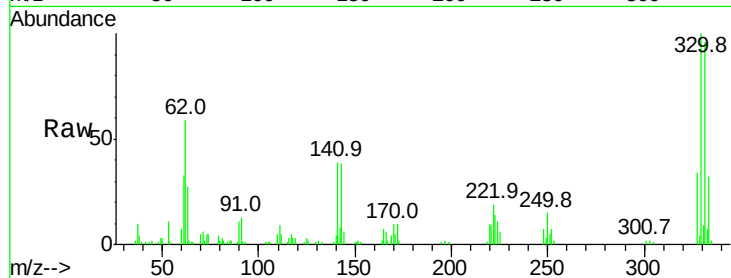




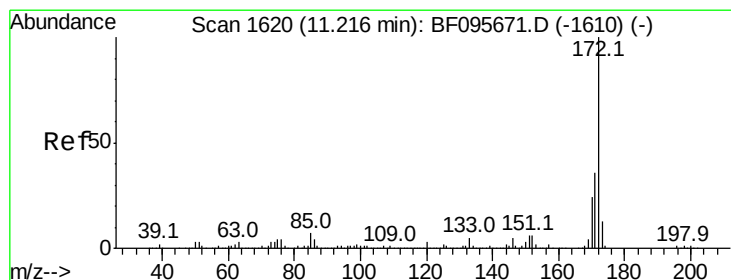
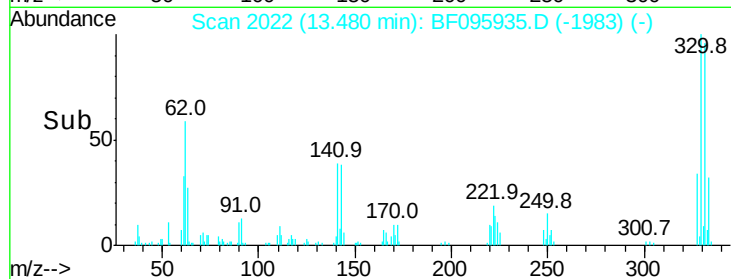
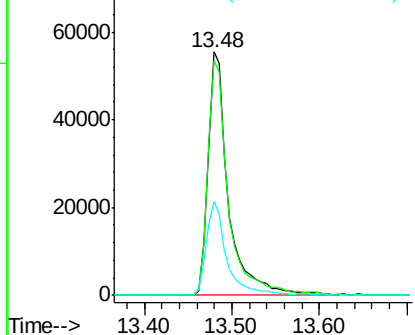
#41
 2,4,6-Tribromophenol
 Concen: 82.54 ng
 RT: 13.48 min Scan# 2022
 Delta R.T. -0.07 min
 Lab File: BF095935.D
 Acq: 14 Jun 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 RO-350

Tot Ion:330 Resp: 90116
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 37.9 31.4 47.2

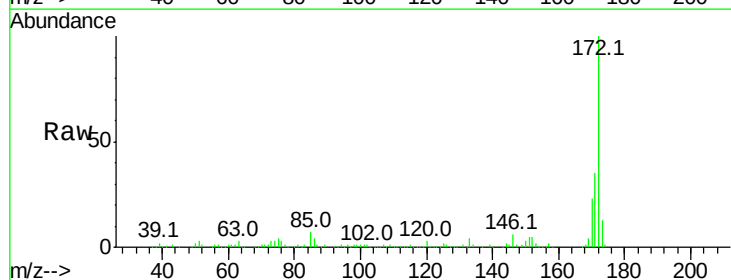


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

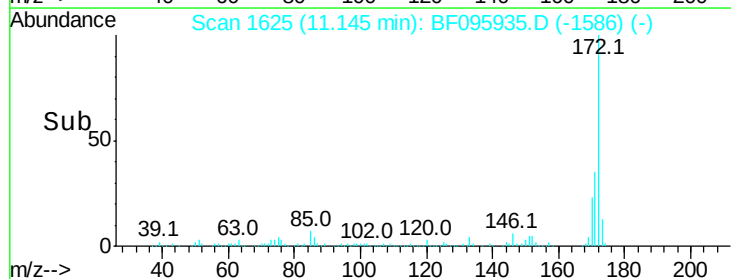
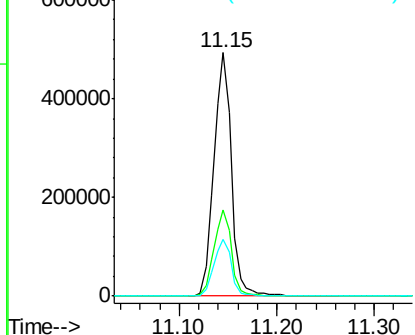


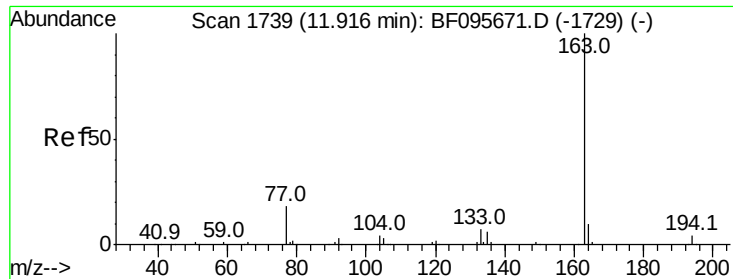
#44
 2-Fluorobiphenyl
 Concen: 69.14 ng
 RT: 11.15 min Scan# 1625
 Delta R.T. -0.07 min
 Lab File: BF095935.D
 Acq: 14 Jun 2017 21:57

Tgt Ion:172 Resp: 613034
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.1 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: 8.51 ng

RT: 11.84 min Scan# 1744

Delta R.T. -0.07 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

Instrument :

BNA_F

ClientSampleId :

RO-350

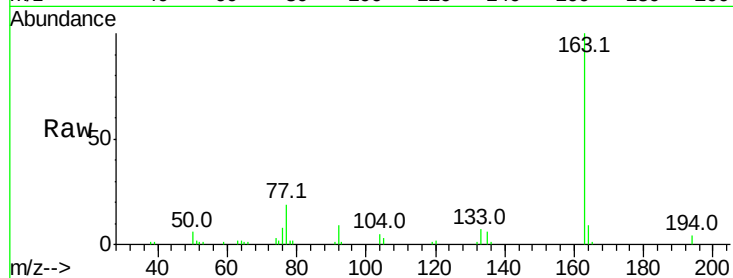
Tot Ion:163 Resp: 79724

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

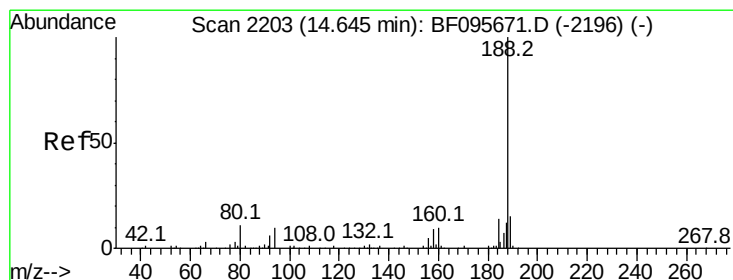
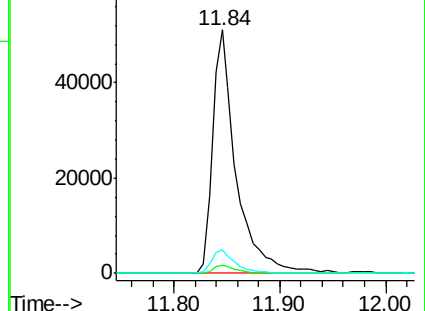
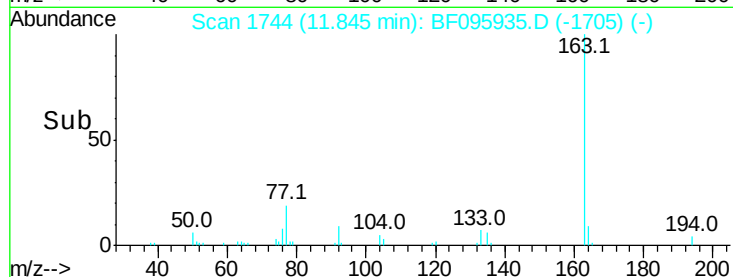
164 9.5 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.58 min Scan# 2209

Delta R.T. -0.06 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

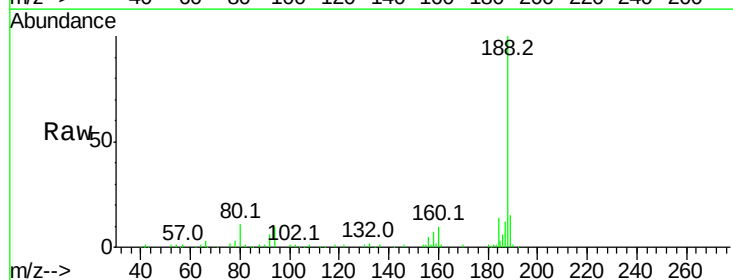
Tgt Ion:188 Resp: 187717

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

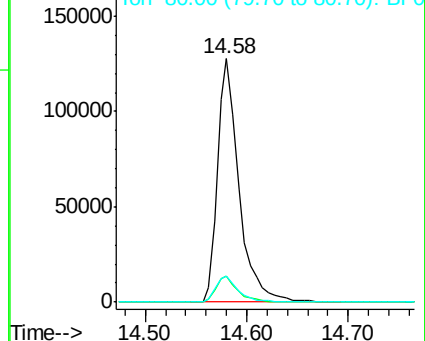
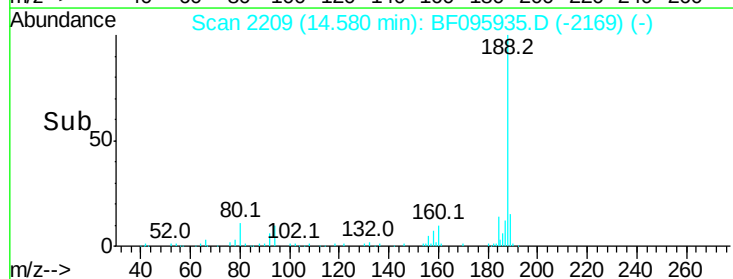
80 10.7 10.2 15.2

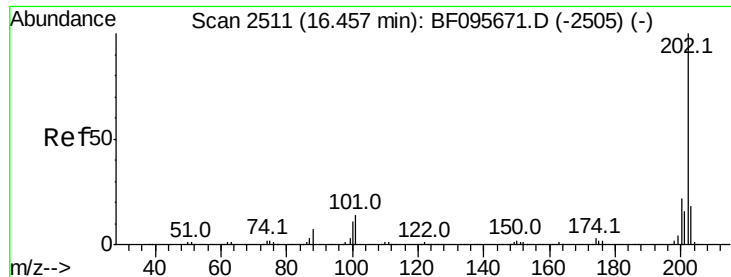


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

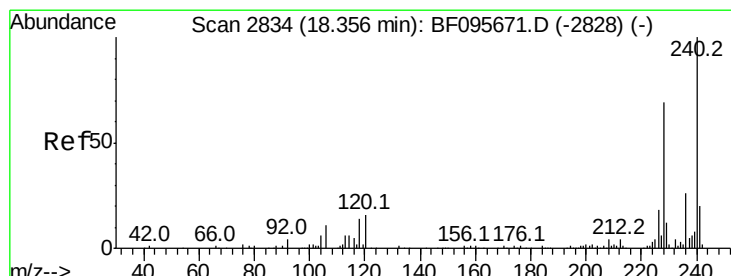
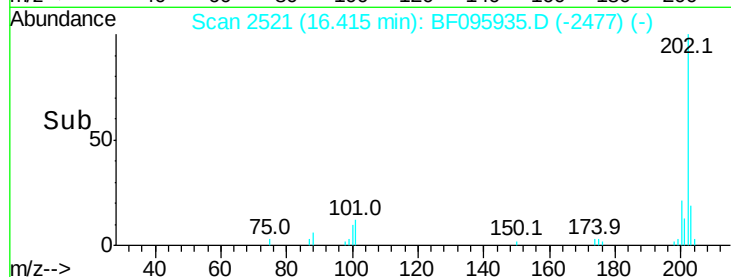
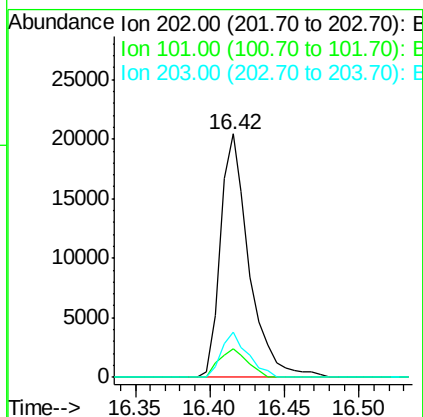
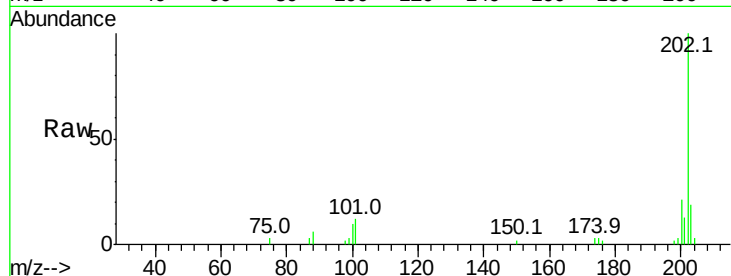




#74
Fluoranthene
 Concen: 2.57 ng
 RT: 16.42 min Scan# 2521
 Delta R.T. -0.04 min
 Lab File: BF095935.D
 Acq: 14 Jun 2017 21:57

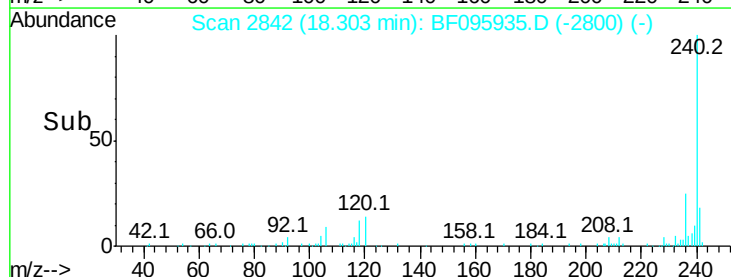
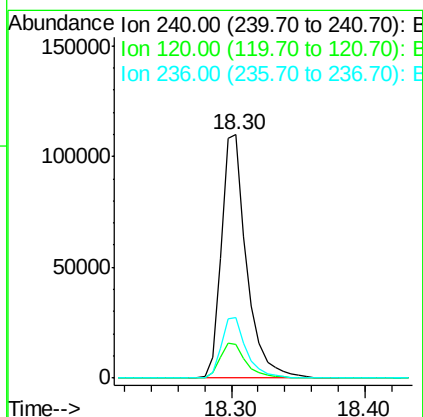
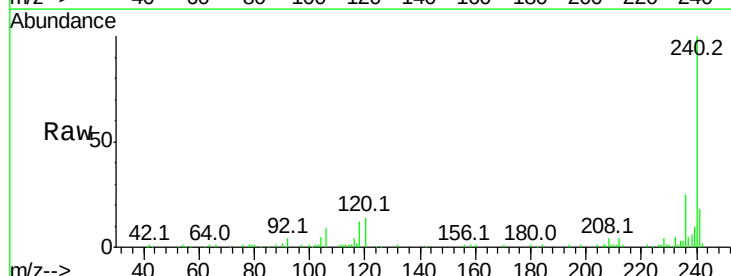
Instrument :
 BNA_F
 ClientSampleId :
 RO-350

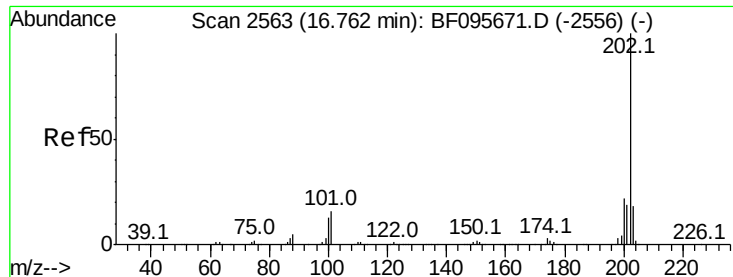
Tot Ion:202 Resp: 27560
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 33.2
 203 18.8 0.0 38.1



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.30 min Scan# 2842
 Delta R.T. -0.05 min
 Lab File: BF095935.D
 Acq: 14 Jun 2017 21:57

Tgt Ion:240 Resp: 145582
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 24.8 20.5 30.7





#77

Pvrene

Concen: 2.41 ng

RT: 16.72 min Scan# 2572

Delta R.T. -0.05 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

Instrument :

BNA_F

ClientSampled :

RO-350

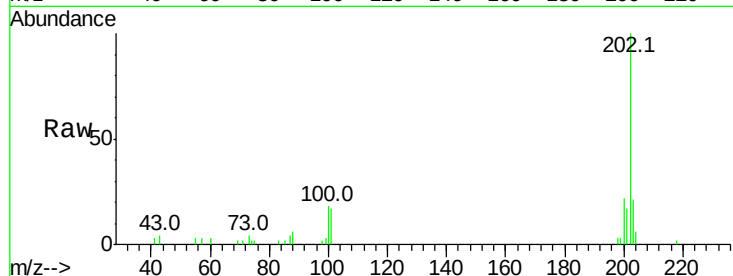
Tot Ion:202 Resp: 26210

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

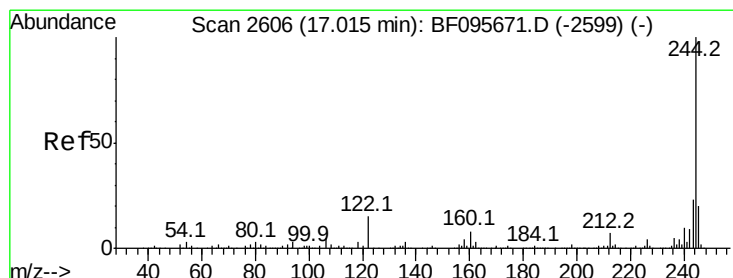
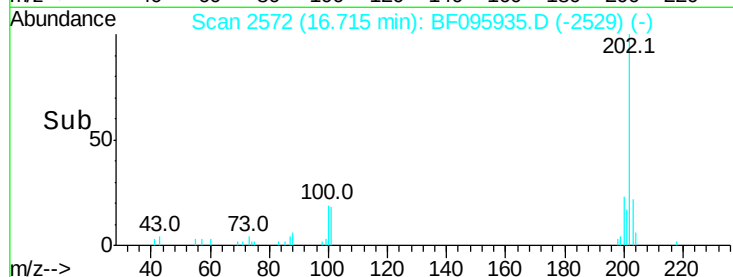
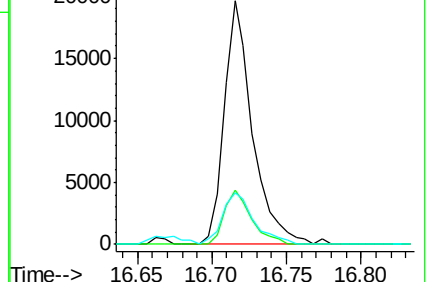
203 21.1 14.4 21.6



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: 67.45 ng

RT: 16.96 min Scan# 2613

Delta R.T. -0.06 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

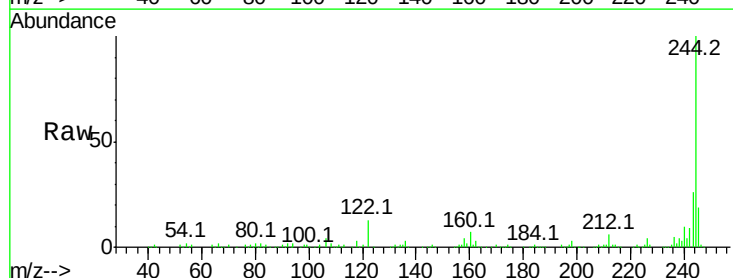
Tgt Ion:244 Resp: 395663

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

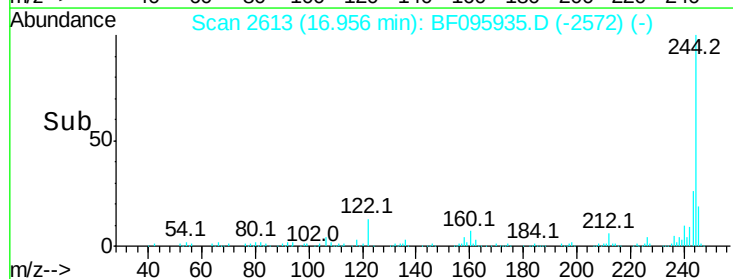
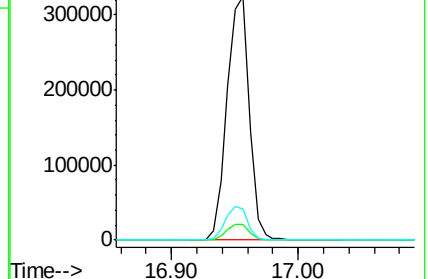
122 12.7 10.3 15.5

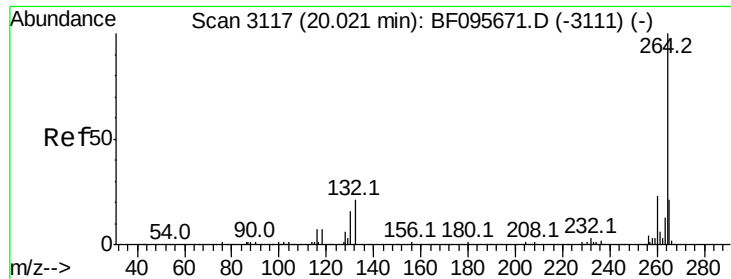


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

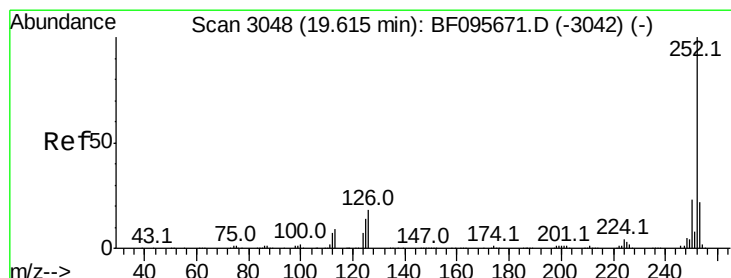
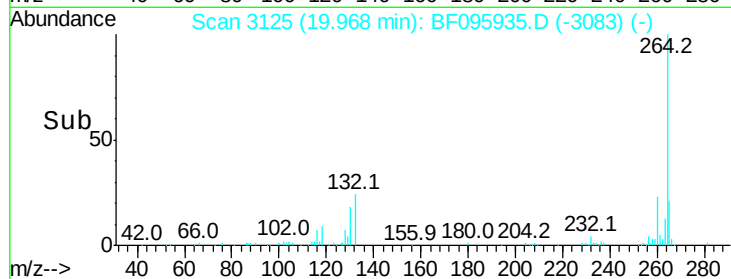
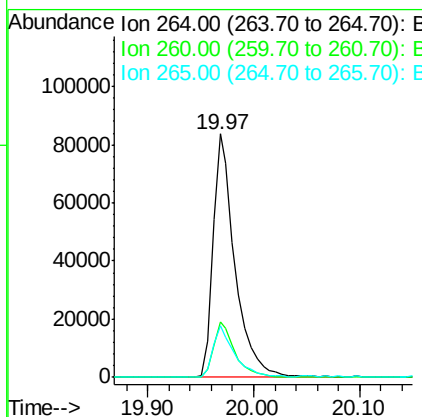
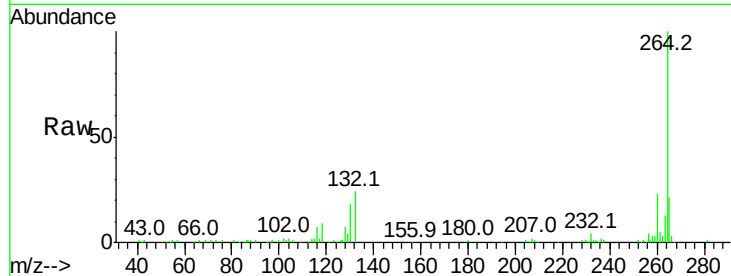




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.97 min Scan# 3125
Delta R.T. -0.05 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

Instrument :
BNA_F
ClientSampleId :
RO-350

Tot Ion:264 Resp: 121519
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.09 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.04 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

Tgt Ion:252 Resp: 23475
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 15.0 9.8 14.8#

