

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095247.D
 Acq On : 19 May 2017 5:08
 Operator : SJ/MA
 Sample : I3186-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-BASE

Quant Time: May 19 05:37:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

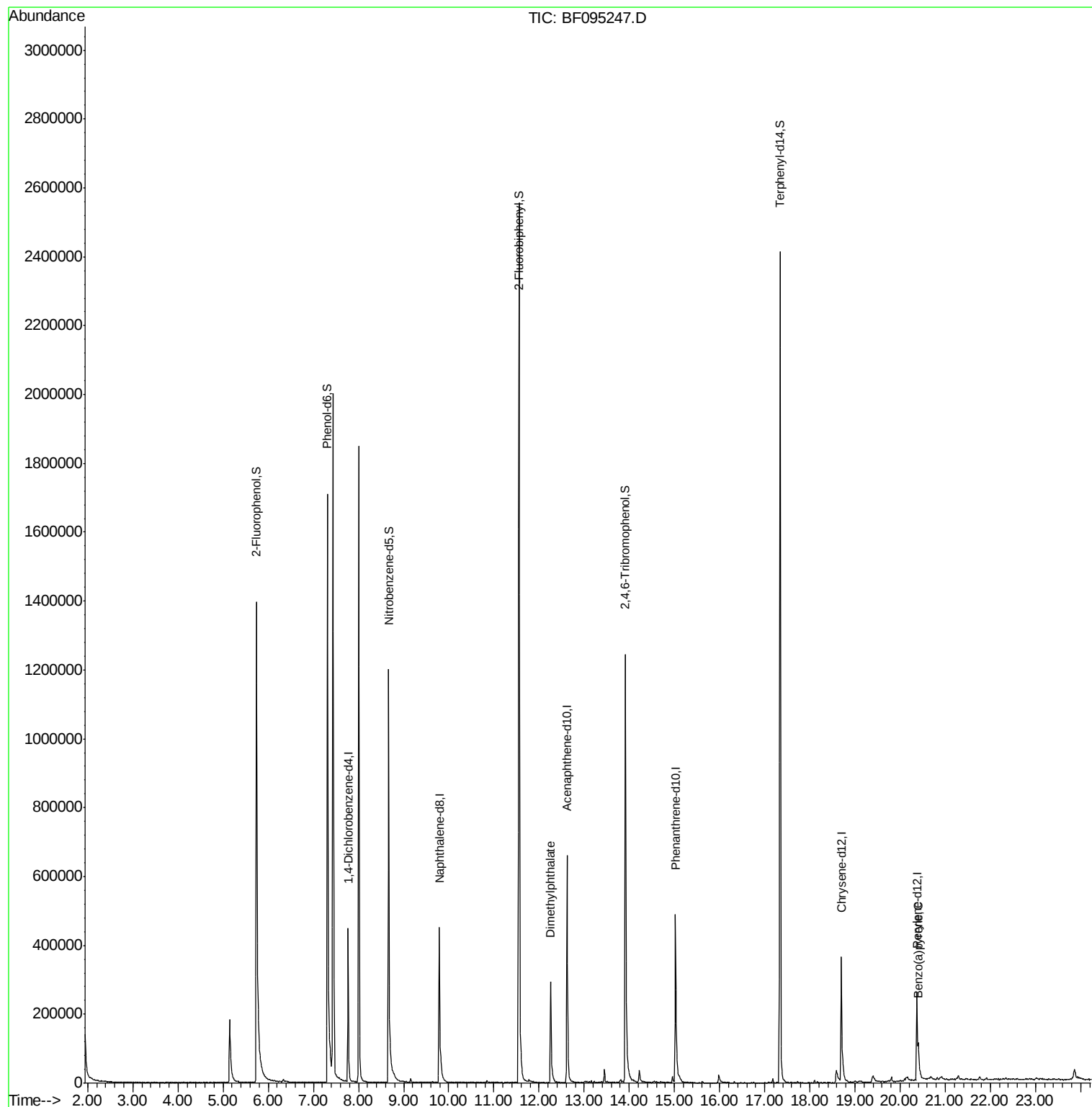
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	102944	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	438930	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	216796	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	375558	20.00	ng	0.00
75) Chrysene-d12	18.69	240	254438	20.00	ng	0.00
86) Perylene-d12	20.37	264	168364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	881663	142.79	ng	0.00
7) Phenol-d6	7.31	99	1061319	143.26	ng	0.00
23) Nitrobenzene-d5	8.67	82	670178	96.28	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	252104	141.99	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1330769	88.35	ng	0.00
78) Terphenyl-d14	17.34	244	1040339	90.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.25	163	255861	14.38	ng	98
89) Benzo(a)pyrene	20.41	252	60554	6.31	ng	# 91

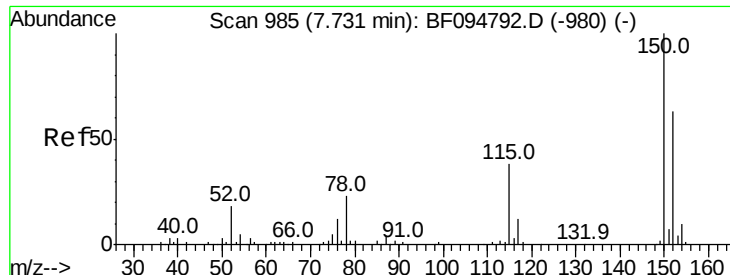
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 18 17:07:53 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

E2-R3-BASE

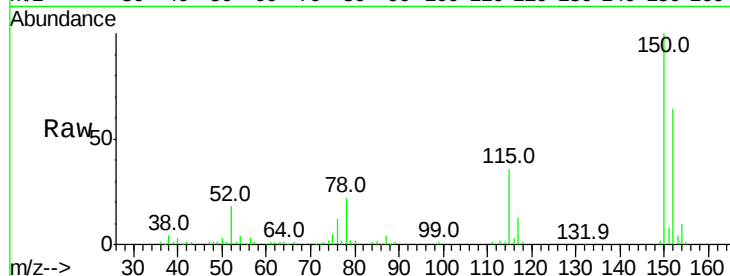
Tot Ion:152 Resp: 102944

Ion Ratio Lower Upper

152 100

150 156.7 126.2 189.2

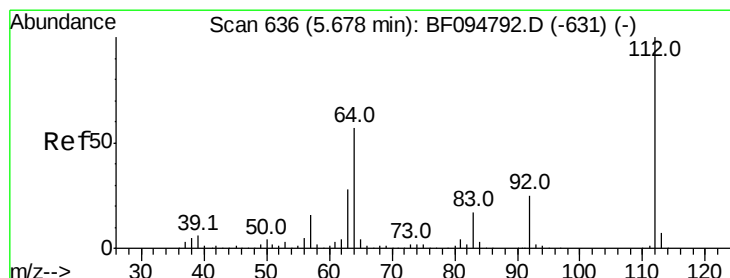
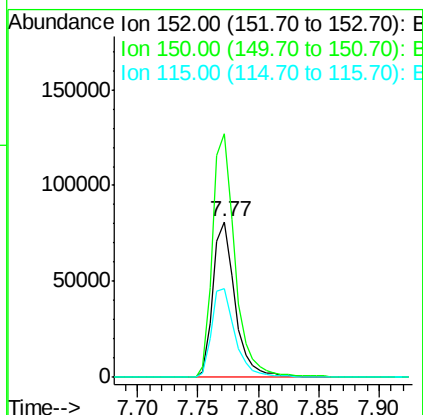
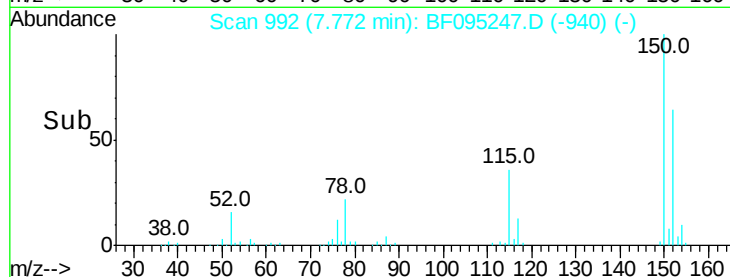
115 57.1 52.2 78.2



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: 142.79 ng

RT: 5.74 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

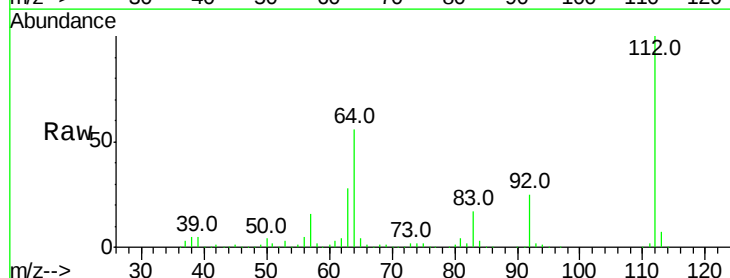
Tgt Ion:112 Resp: 881663

Ion Ratio Lower Upper

112 100

64 55.8 46.0 69.0

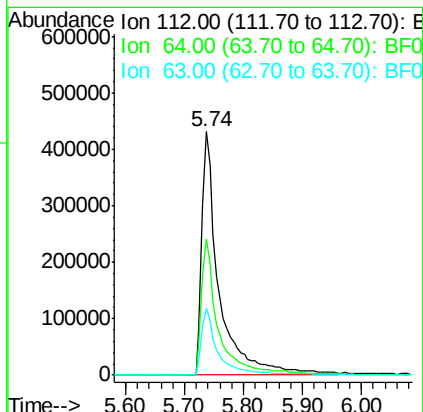
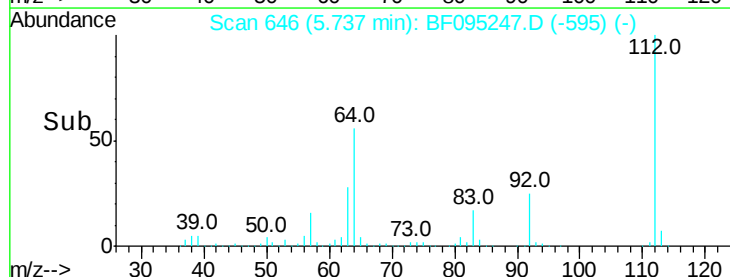
63 27.6 23.4 35.0

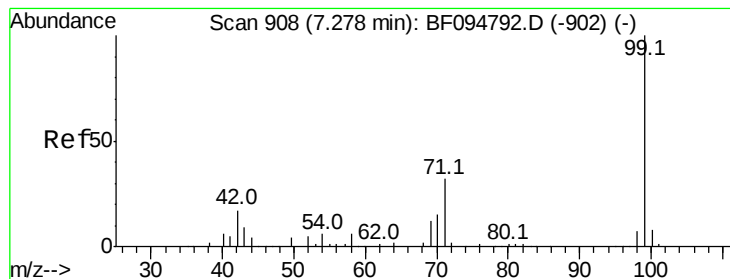


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.26 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

E2-R3-BASE

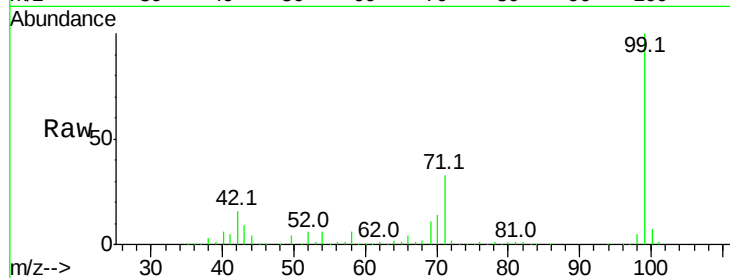
Tot Ion: 99 Resp: 1061319

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

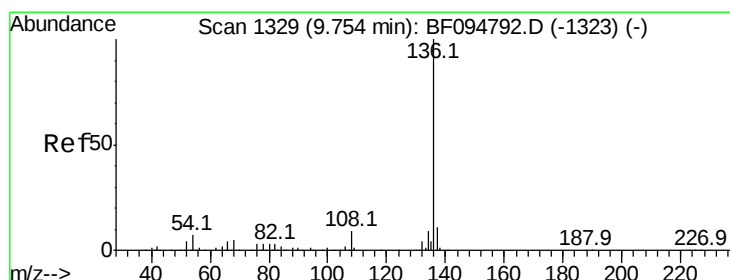
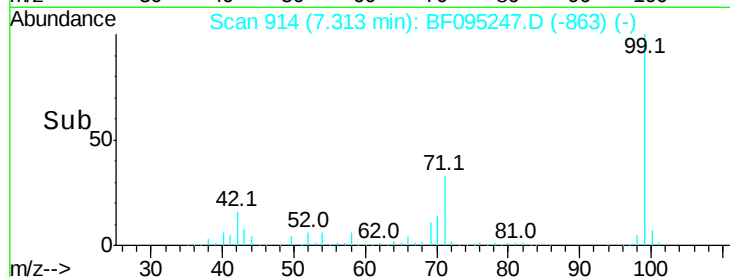
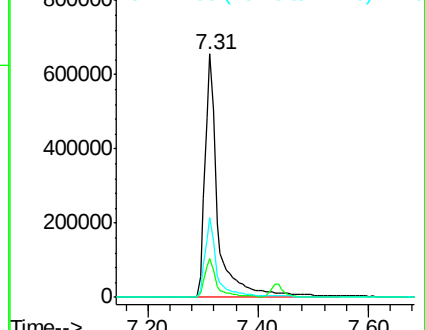
71 32.9 24.5 36.7



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: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

Tgt Ion: 136 Resp: 438930

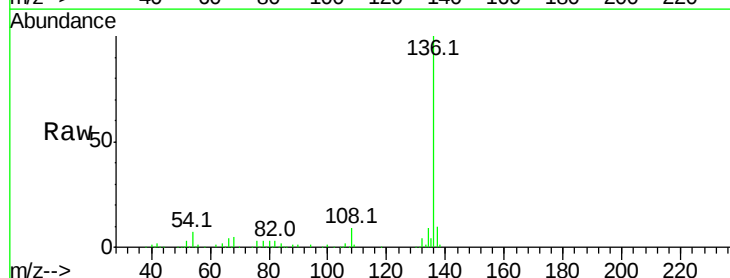
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.3 4.9 7.3

68 5.1 4.1 6.1

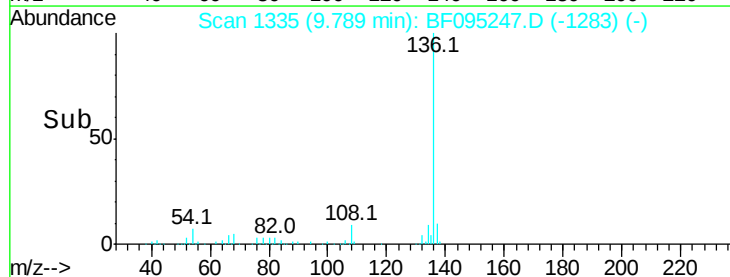
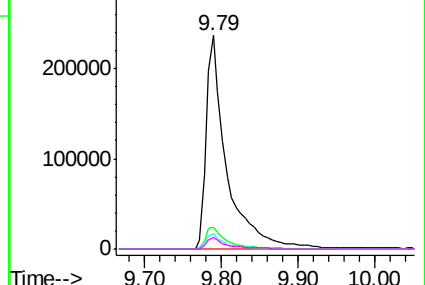


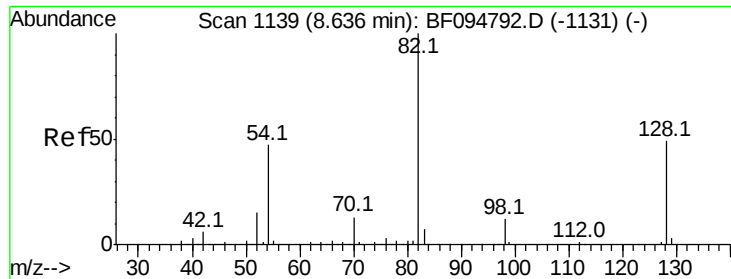
Abundance Ion 136.00 (135.70 to 136.70): E

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

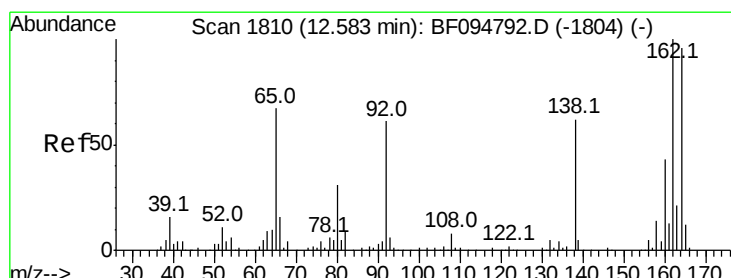
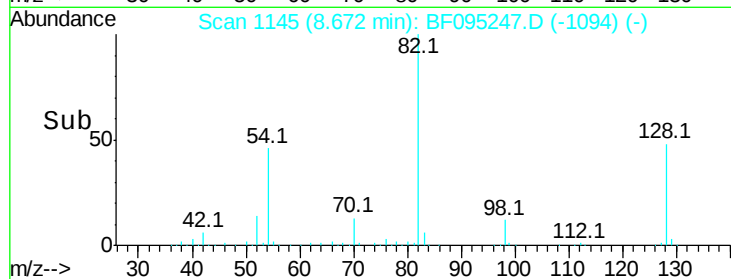
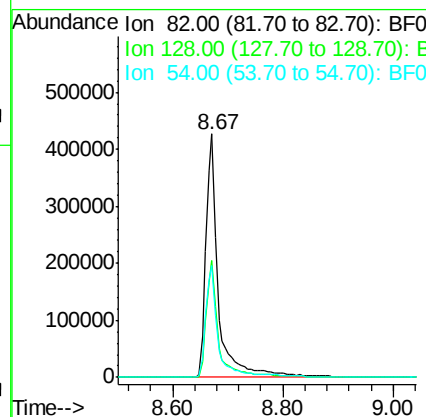
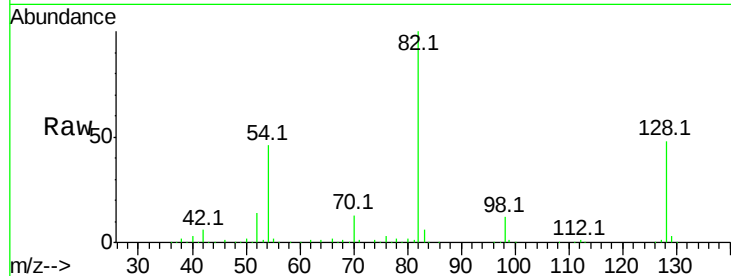




#23
 Nitrobenzene-d5
 Concen: 96.28 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF095247.D
 Acq: 19 May 2017 5:08

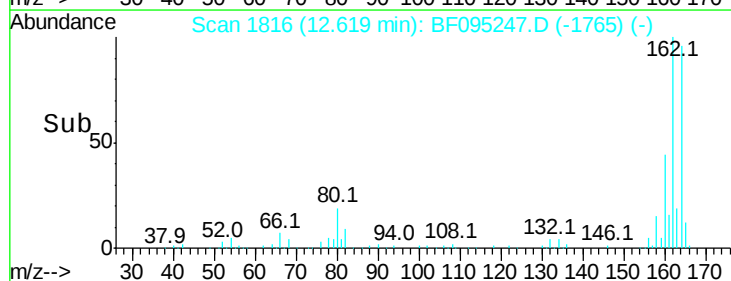
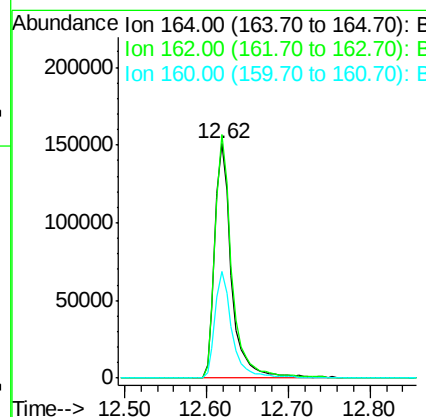
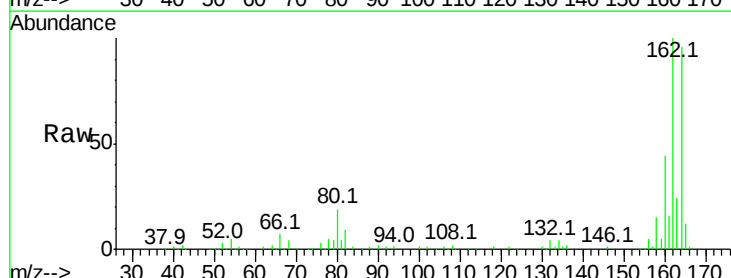
Instrument :
 BNA_F
 ClientSampled :
 E2-R3-BASE

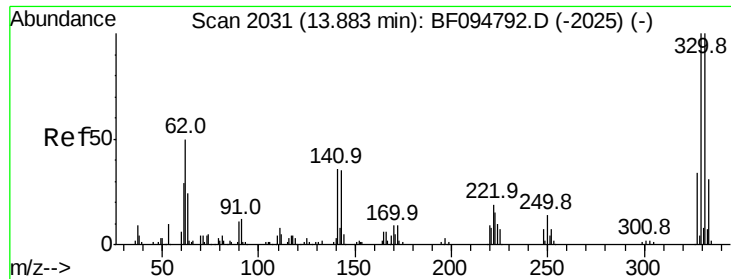
Tot Ion: 82 Resp: 670178
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.0 51.0
 54 46.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095247.D
 Acq: 19 May 2017 5:08

Tgt Ion:164 Resp: 216796
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 45.3 36.2 54.2

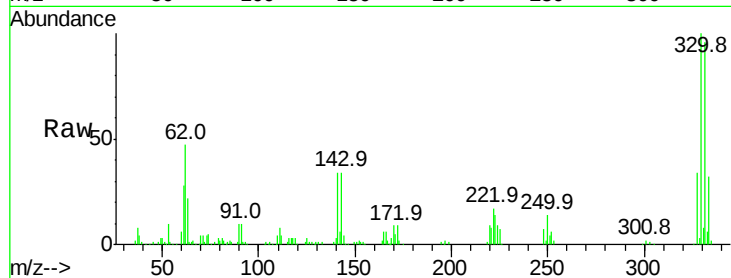




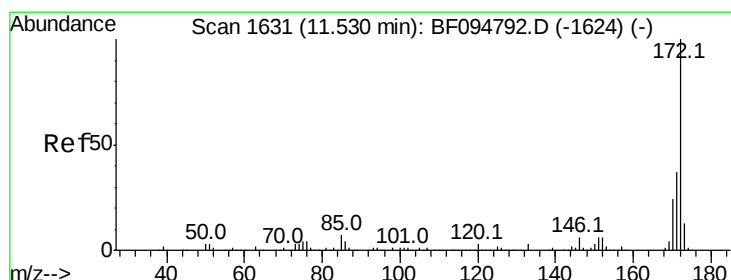
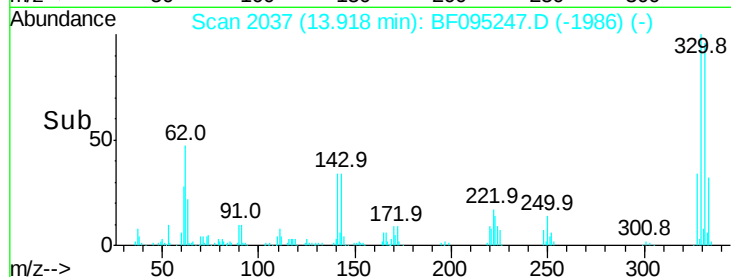
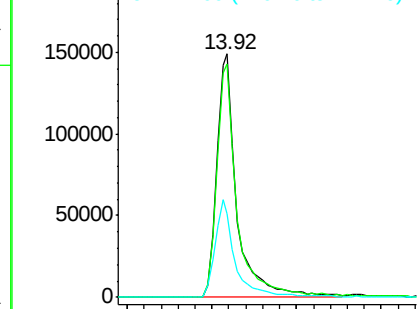
#41
 2,4,6-Tribromophenol
 Concen: 141.99 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095247.D
 Acq: 19 May 2017 5:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-BASE

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	115.0
141	40.0	31.4	47.2

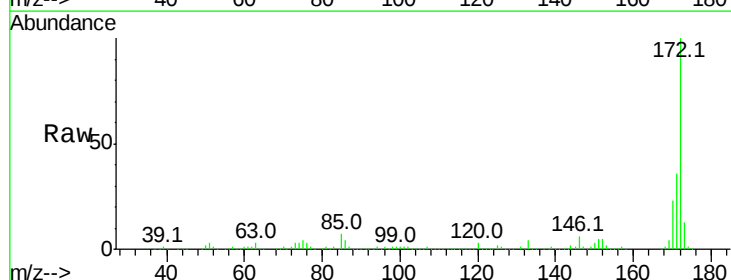


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

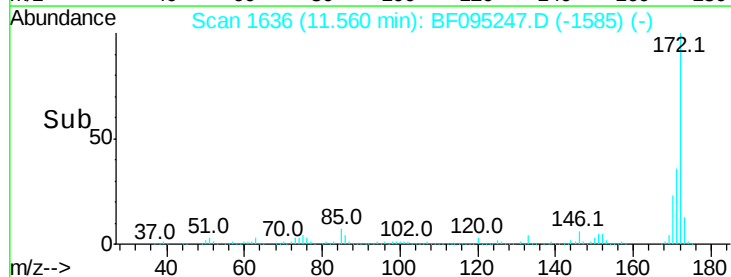
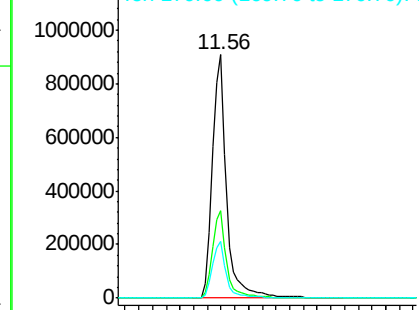


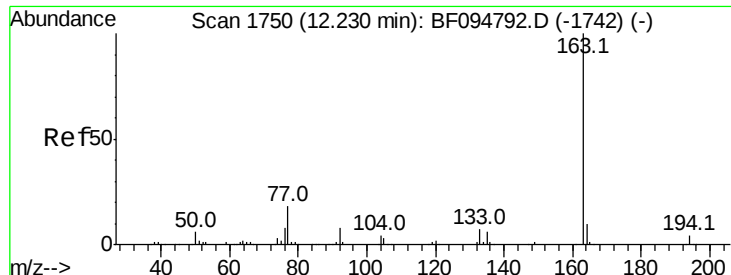
#44
 2-Fluorobiphenyl
 Concen: 88.35 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095247.D
 Acq: 19 May 2017 5:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.3	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: 14.38 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

E2-R3-BASE

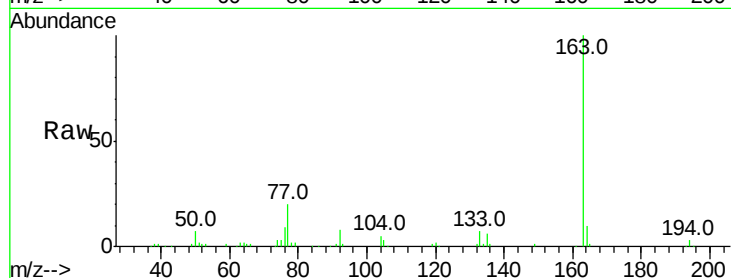
Tot Ion:163 Resp: 255861

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

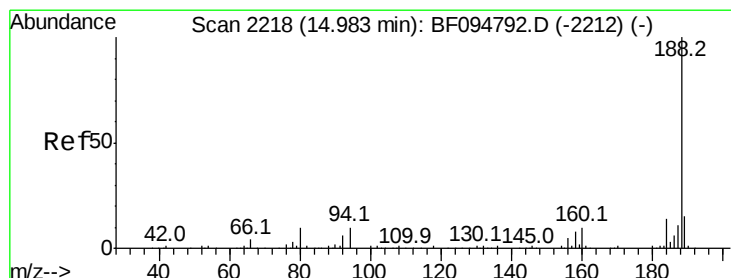
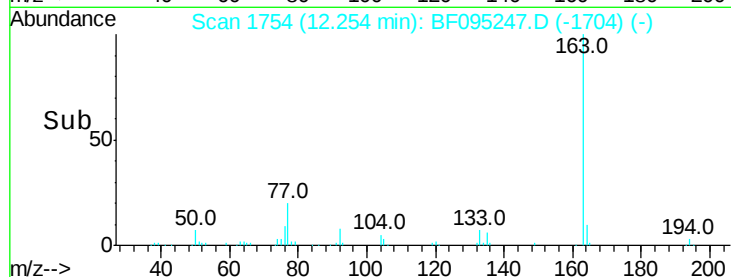
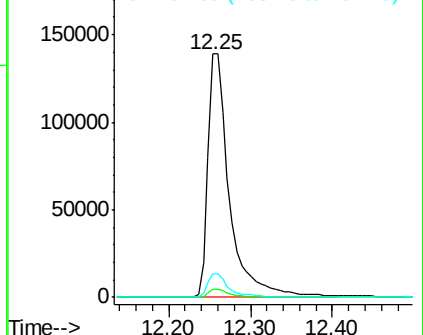
164 9.6 8.4 12.6



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: 15.02 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

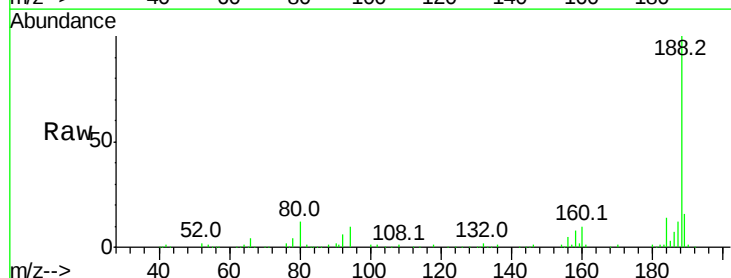
Tgt Ion:188 Resp: 375558

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

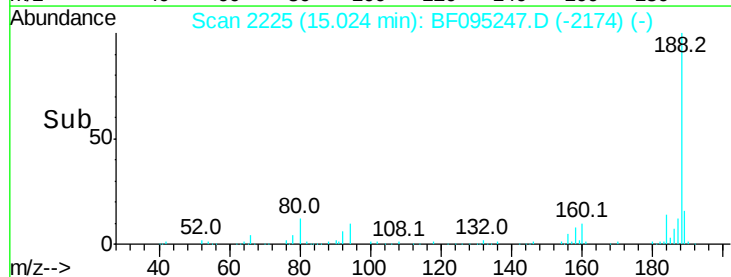
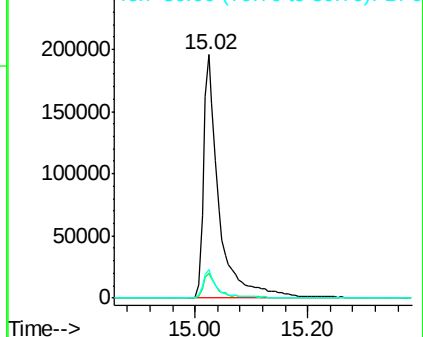
80 11.8 10.2 15.2

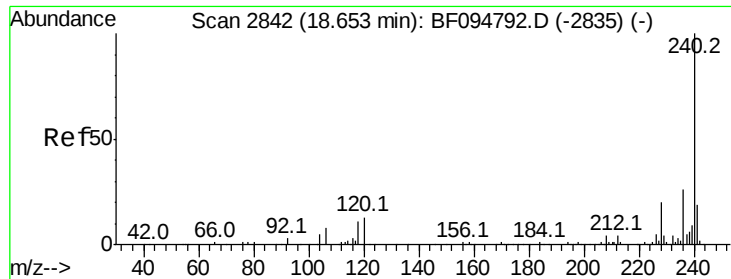


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.69 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

E2-R3-BASE

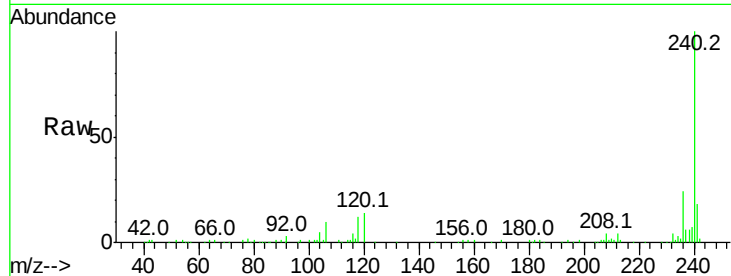
Tot Ion:240 Resp: 254438

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

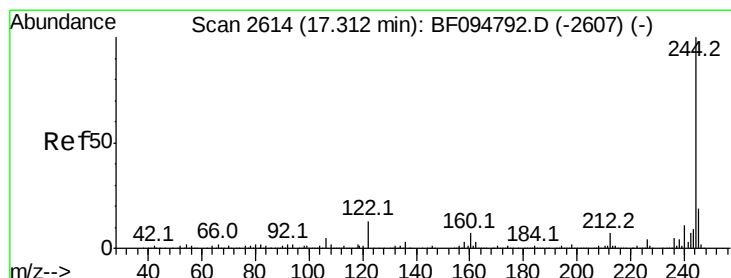
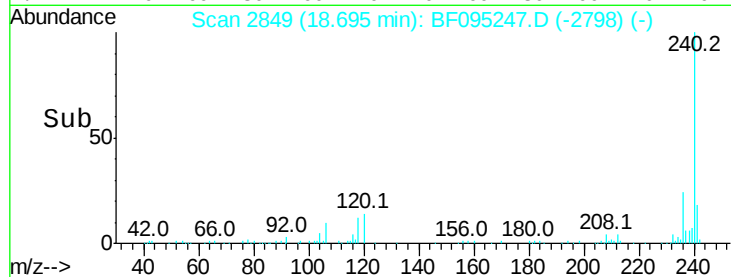
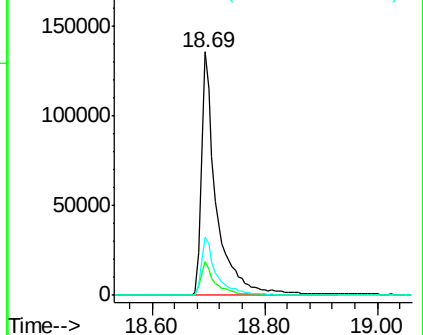
236 24.0 20.5 30.7



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



#78

Terphenyl-d14

Concen: 90.06 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095247.D

Acq: 19 May 2017 5:08

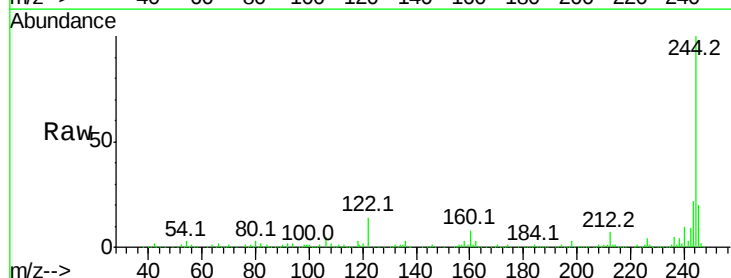
Tgt Ion:244 Resp: 1040339

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

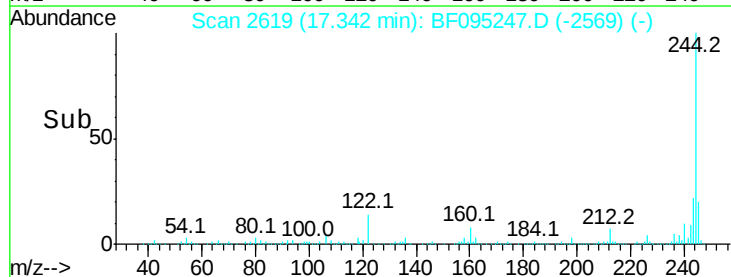
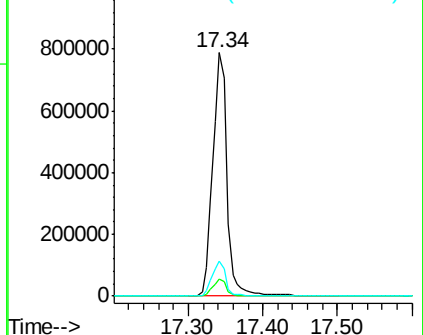
122 14.5 10.3 15.5

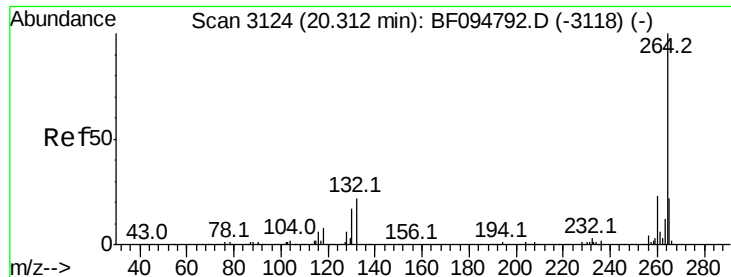


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

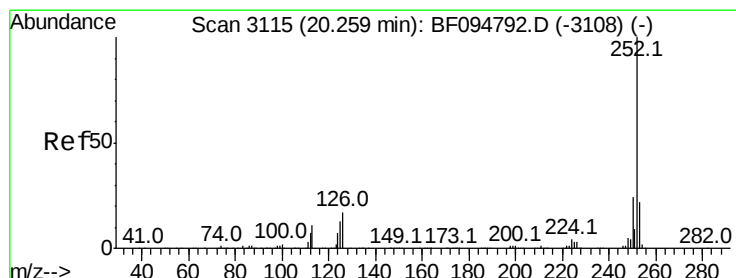
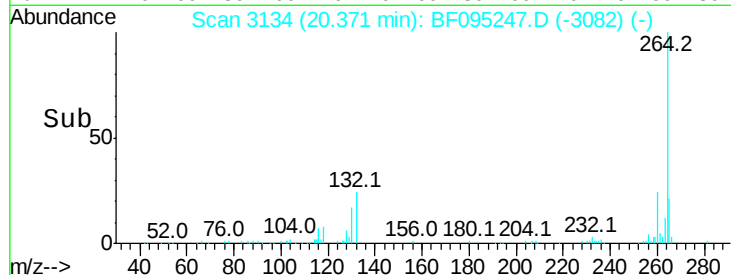
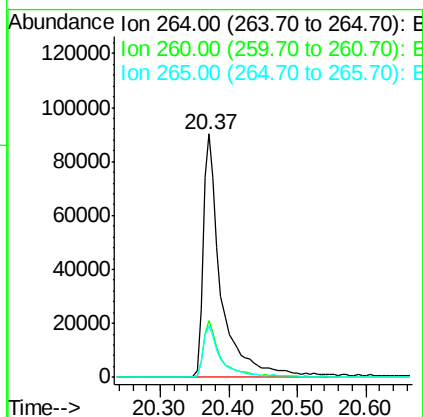
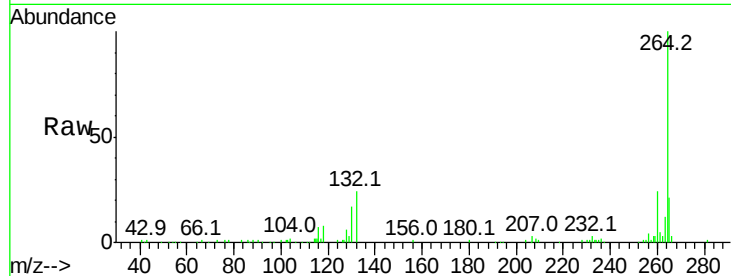




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095247.D
Acq: 19 May 2017 5:08

Instrument :
BNA_F
ClientSampleId :
E2-R3-BASE

Tot Ion:264 Resp: 168364
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.0 17.2 25.8



#89
Benzo(a)pyrene
Concen: 6.31 ng
RT: 20.41 min Scan# 3140
Delta R.T. 0.09 min
Lab File: BF095247.D
Acq: 19 May 2017 5:08

Tgt Ion:252 Resp: 60554
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 21.6 11.0 16.4#

