

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095318.D
 Acq On : 22 May 2017 17:22
 Operator : SJ/MA
 Sample : I3157-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOOR-B

Quant Time: May 23 03:51:01 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

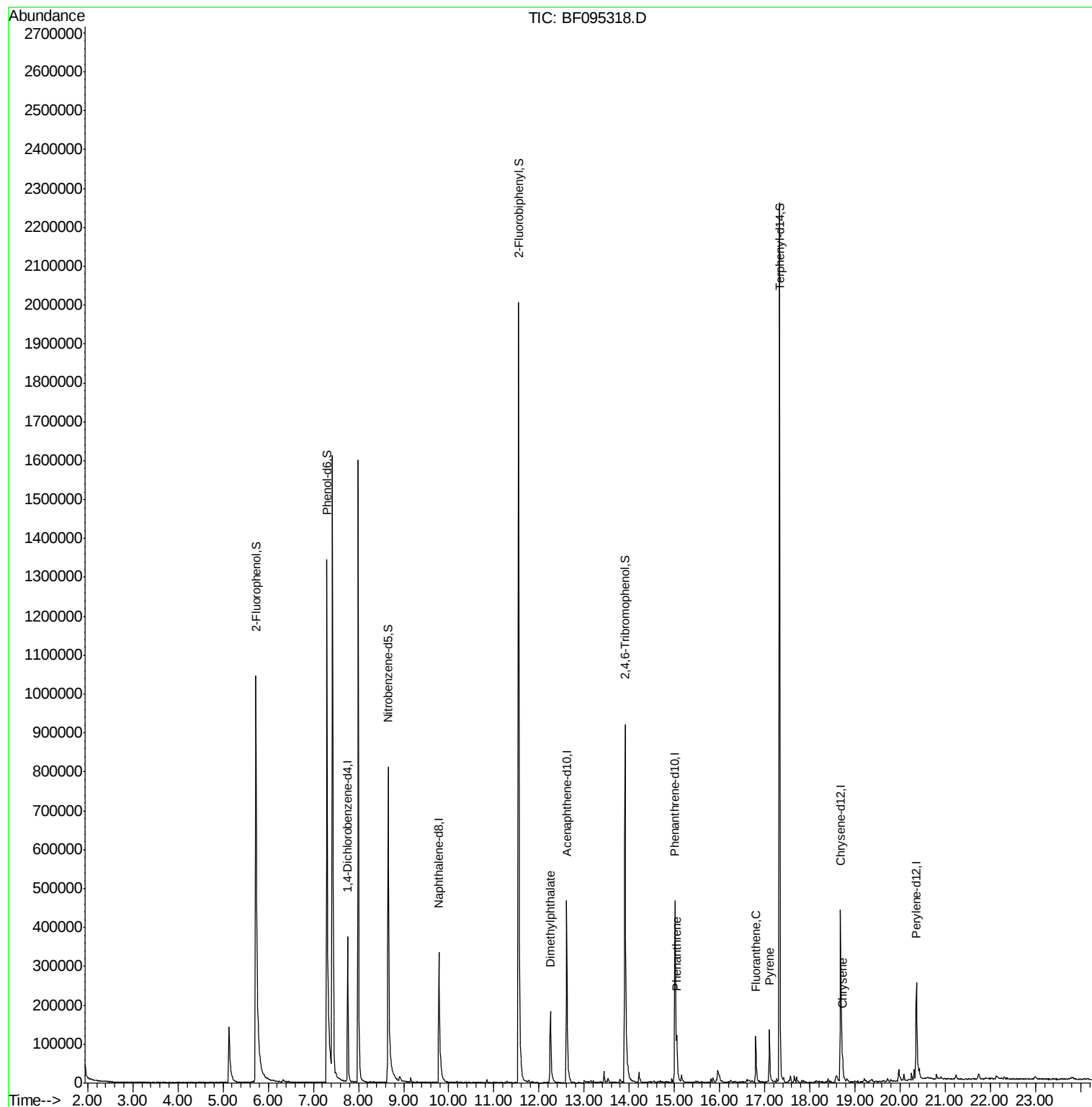
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	84524	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	353135	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	163769	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	314524	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	240053	20.00	ng	-0.01
86) Perylene-d12	20.36	264	165102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	768525	151.59	ng	-0.01
7) Phenol-d6	7.30	99	920186	151.27	ng	-0.01
23) Nitrobenzene-d5	8.66	82	527589	94.21	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	205115	152.93	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1095677	96.30	ng	-0.01
78) Terphenyl-d14	17.33	244	935656	85.85	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	165291	12.29	ng	99
70) Phenanthrene	15.05	178	66001	3.65	ng	99
74) Fluoranthene	16.80	202	84510	4.56	ng	96
77) Pyrene	17.11	202	76198	4.24	ng	97
82) Chrysene	18.72	228	27656	2.05	ng	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

Instrument :

BNA_F

ClientSampled :

FLOOR-B

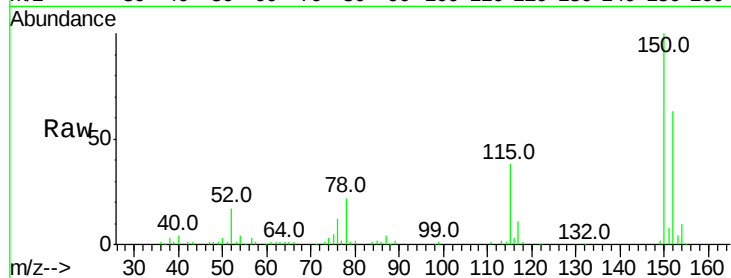
Tot Ion:152 Resp: 84524

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

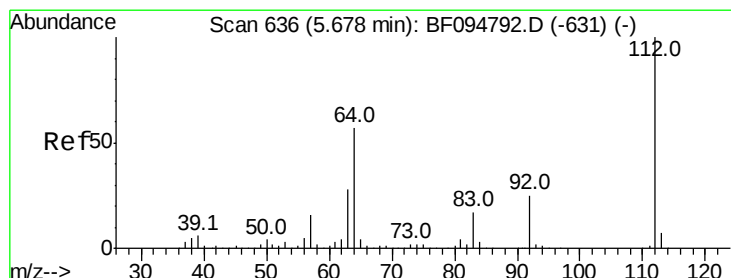
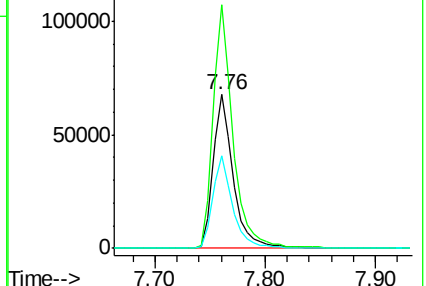
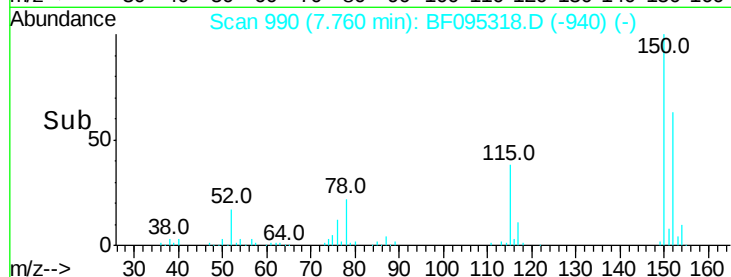
115 59.9 52.2 78.2



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: 151.59 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

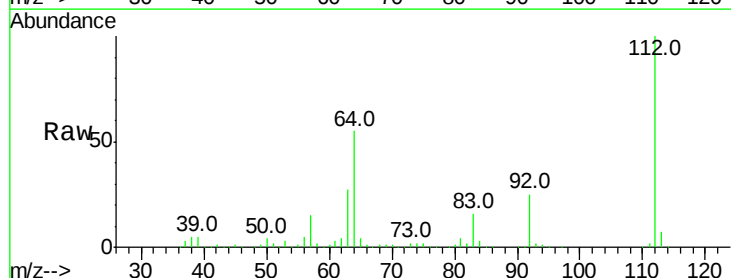
Tgt Ion:112 Resp: 768525

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

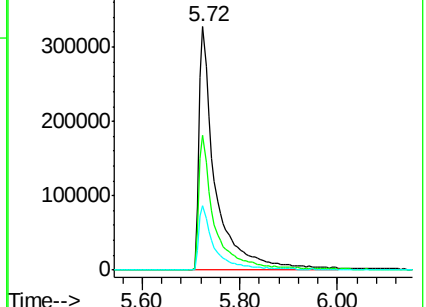
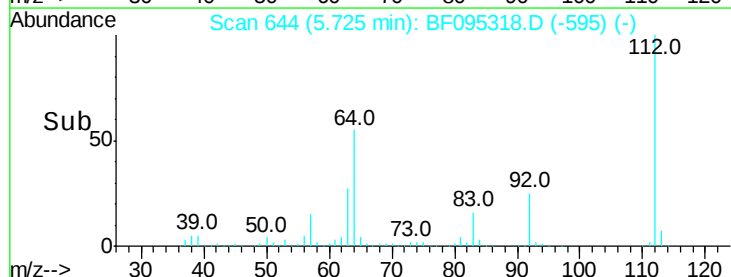
63 26.5 23.4 35.0

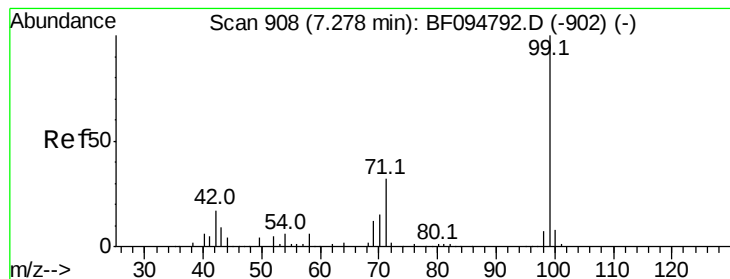


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.27 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

Instrument :

BNA_F

ClientSampleId :

FLOOR-B

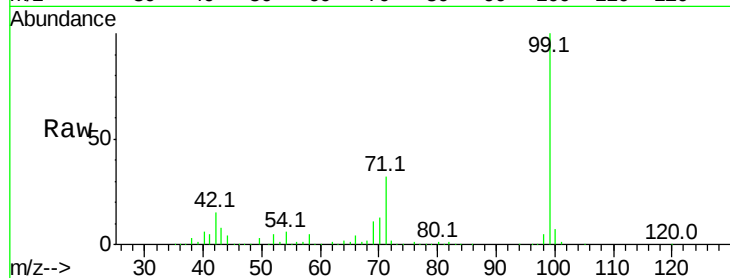
Tot Ion: 99 Resp: 920186

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

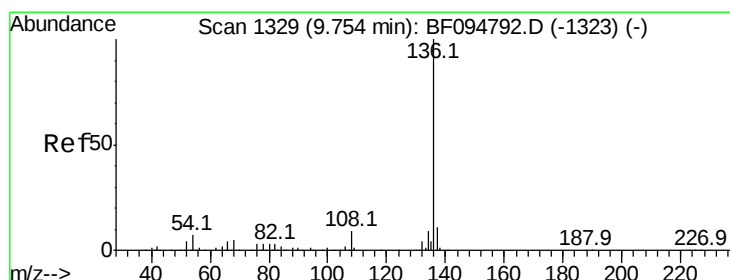
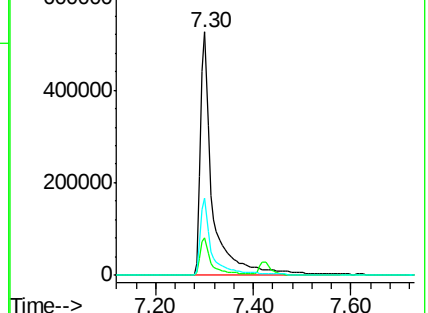
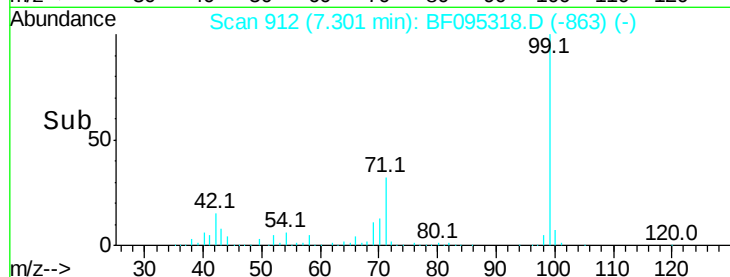
71 31.9 24.5 36.7



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: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

Tgt Ion: 136 Resp: 353135

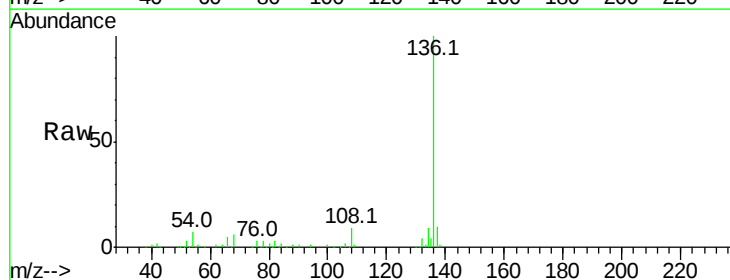
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

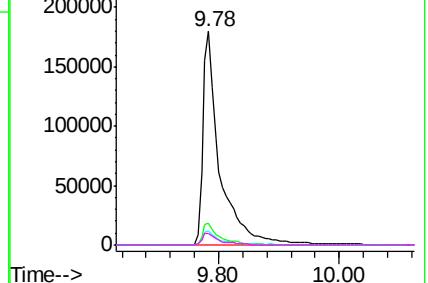
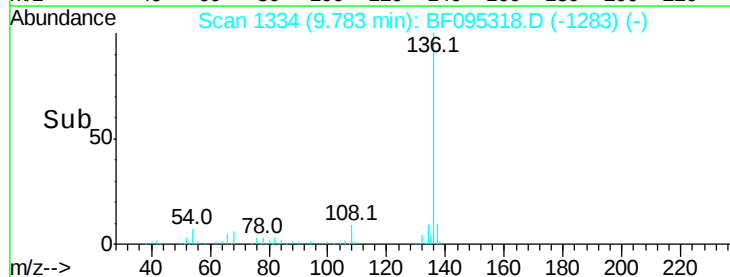


Abundance Ion 136.00 (135.70 to 136.70): E

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

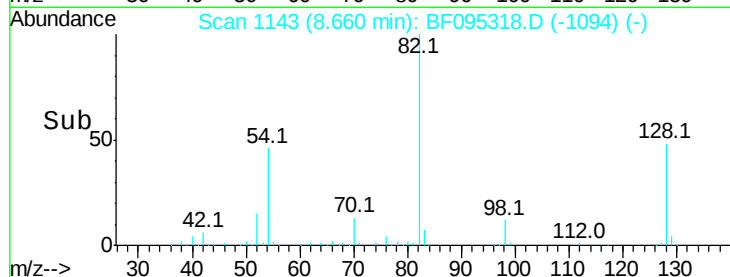
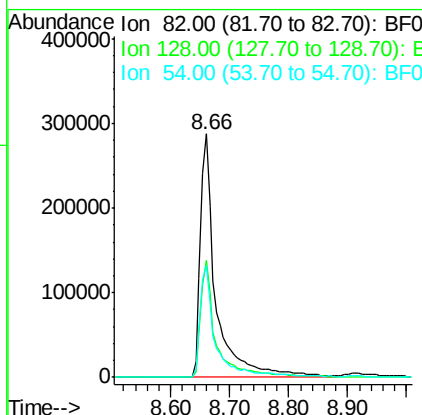
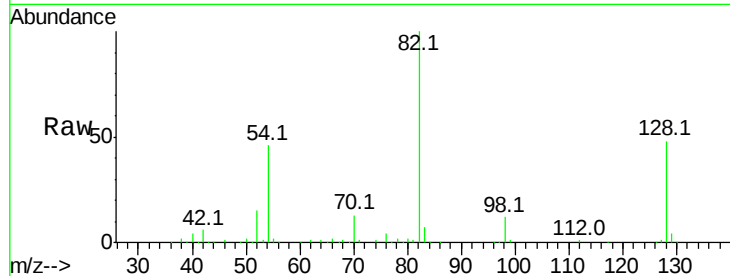




#23
 Nitrobenzene-d5
 Concen: 94.21 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

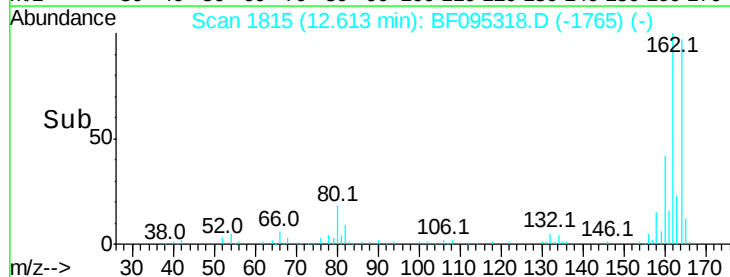
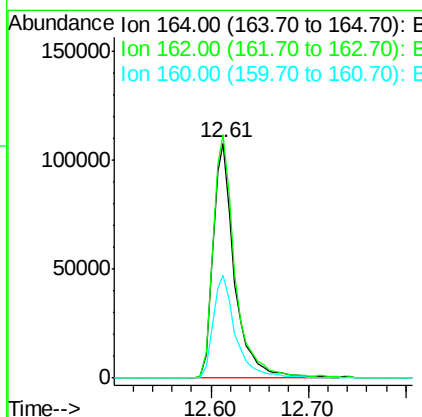
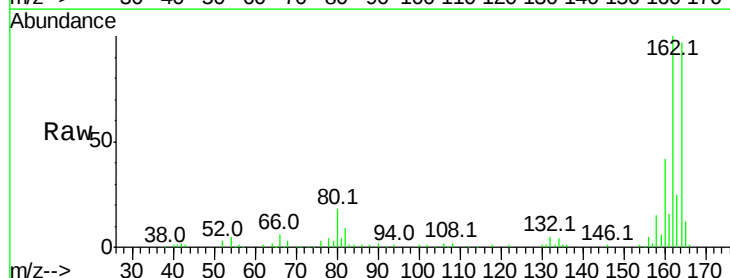
Instrument :
 BNA_F
 ClientSampleId :
 FLOOR-B

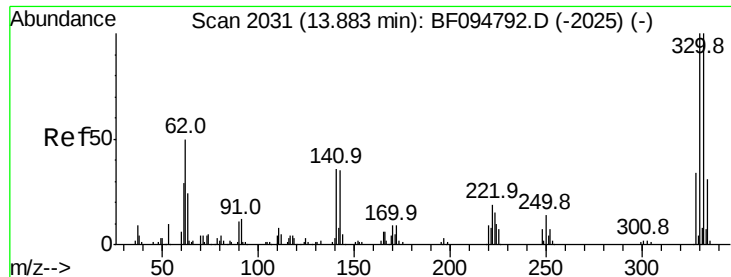
Tot Ion	82	Resp	527589
Ion Ratio	100	Lower	Upper
128	47.8	34.0	51.0
54	45.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

Tgt Ion	164	Resp	163769
Ion Ratio	100	Lower	Upper
162	103.6	82.6	123.8
160	43.6	36.2	54.2

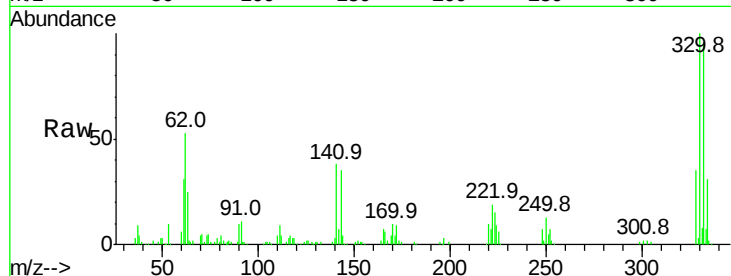




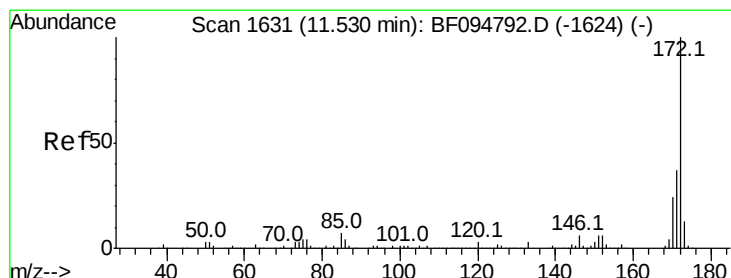
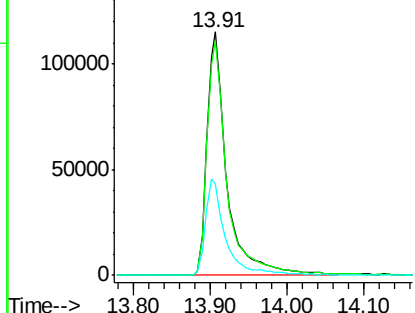
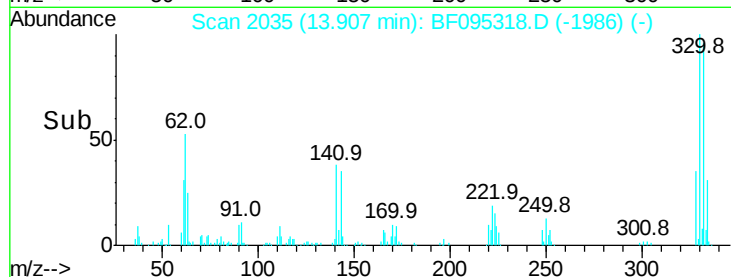
#41
 2,4,6-Tribromophenol
 Concen: 152.93 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 FLOOR-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	40.0	31.4	47.2

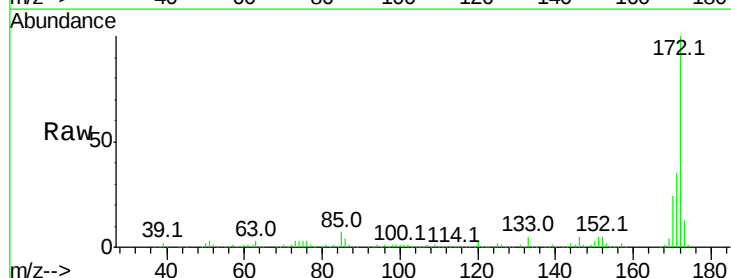


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

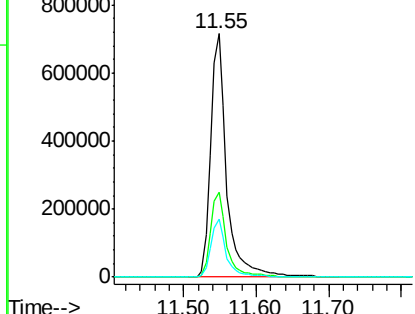
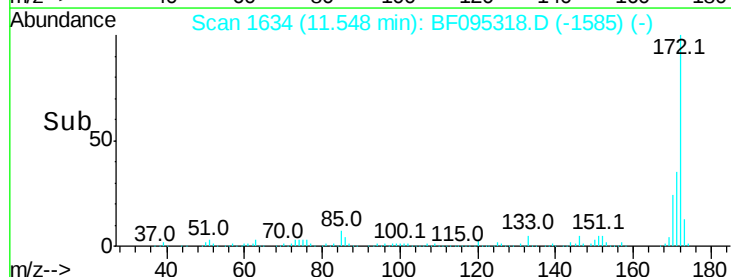


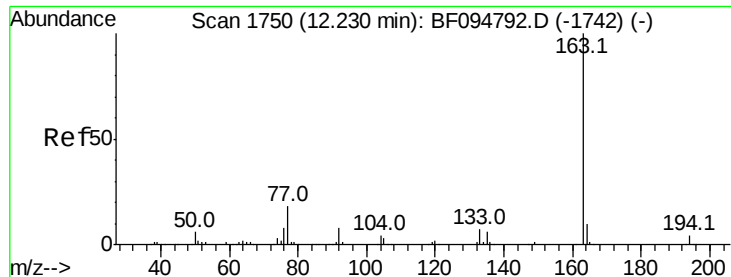
#44
 2-Fluorobiphenyl
 Concen: 96.30 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	24.0	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: 12.29 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

Instrument :

BNA_F

ClientSampleId :

FLOOR-B

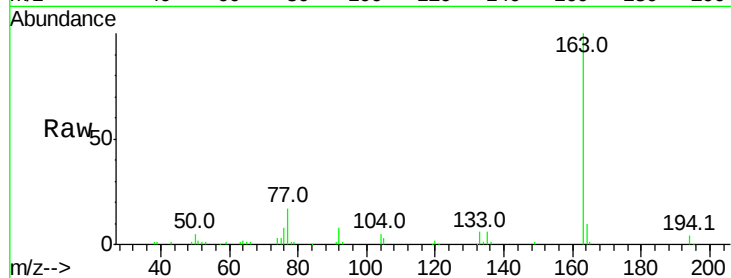
Tot Ion:163 Resp: 165291

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

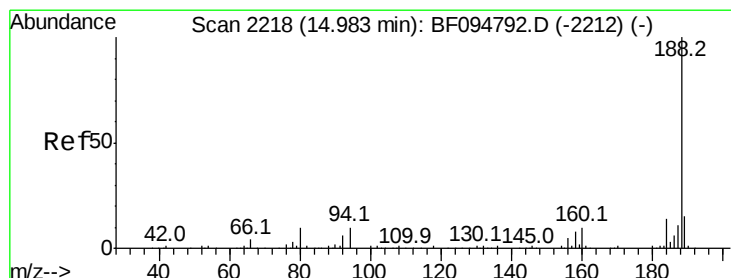
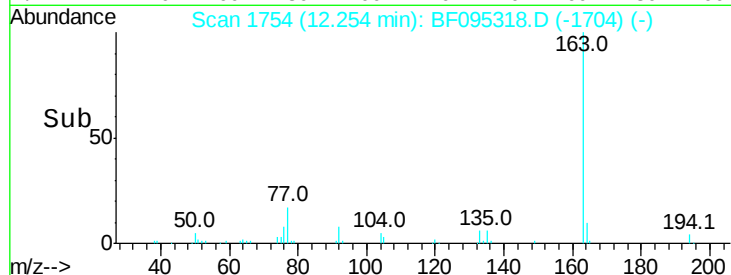
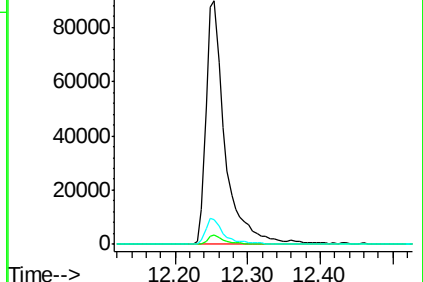
164 10.2 8.4 12.6



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: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

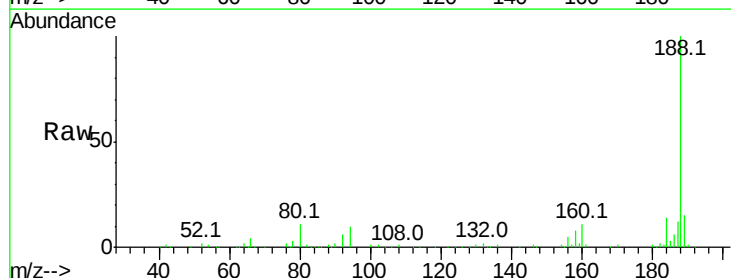
Tgt Ion:188 Resp: 314524

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

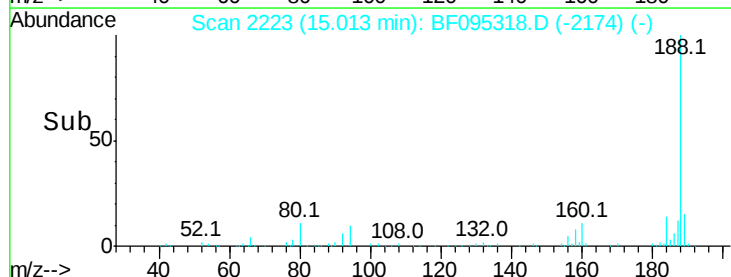
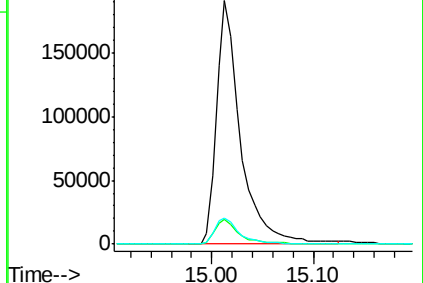
80 10.7 10.2 15.2

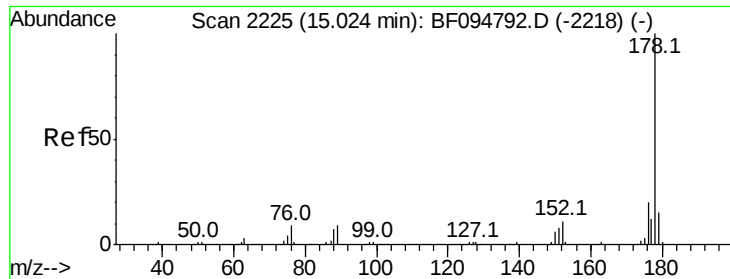


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

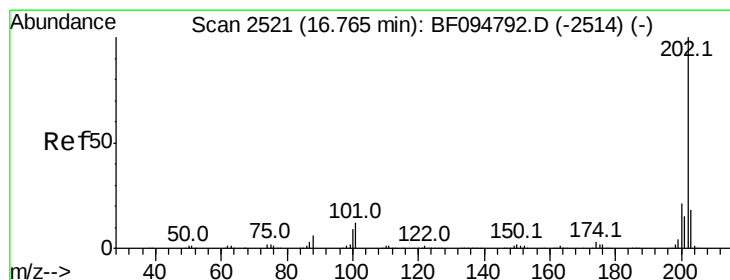
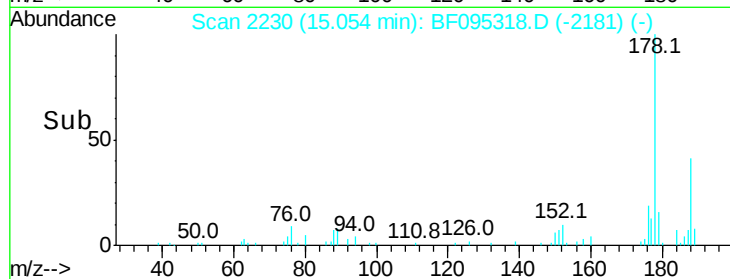
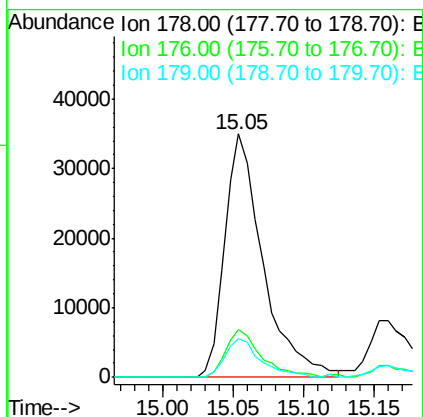
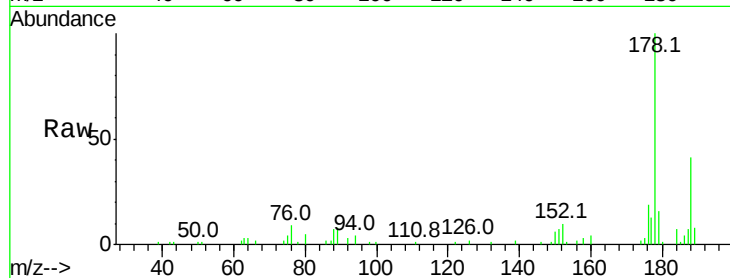




#70
Phenanthrene
Concen: 3.65 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

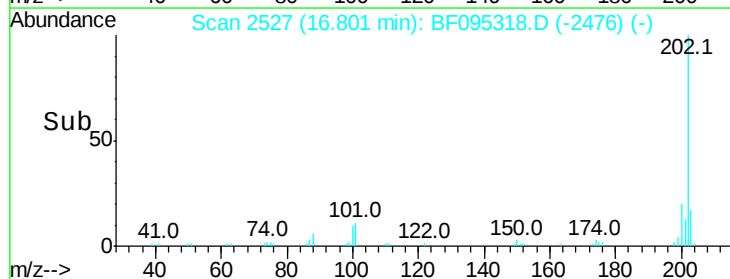
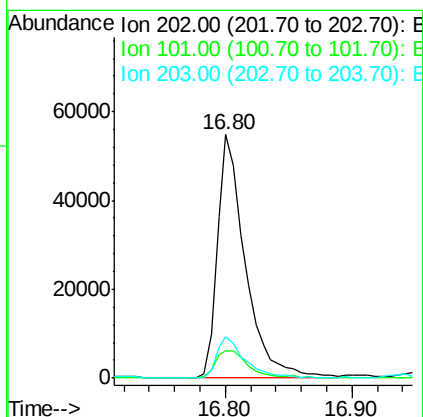
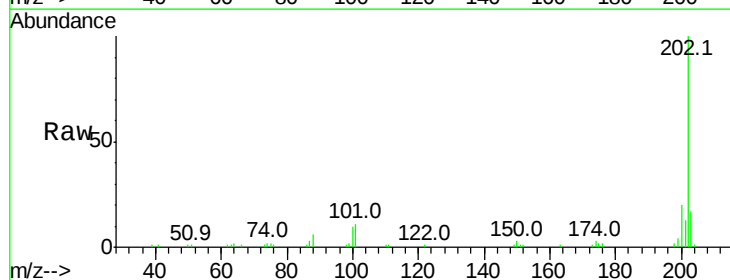
Instrument :
BNA_F
ClientSampleId :
FLOOR-B

Tot Ion:178 Resp: 66001
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 16.1 12.6 19.0



#74
Fluoranthene
Concen: 4.56 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

Tgt Ion:202 Resp: 84510
Ion Ratio Lower Upper
202 100
101 11.1 0.0 33.2
203 17.0 0.0 38.1

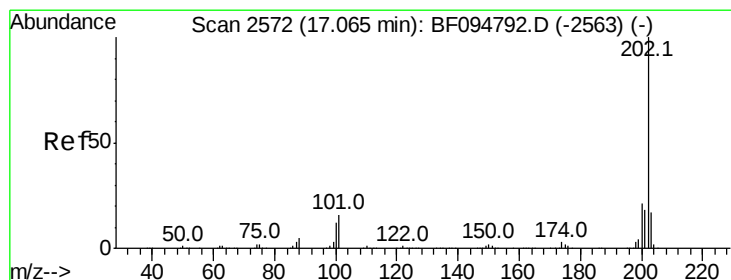
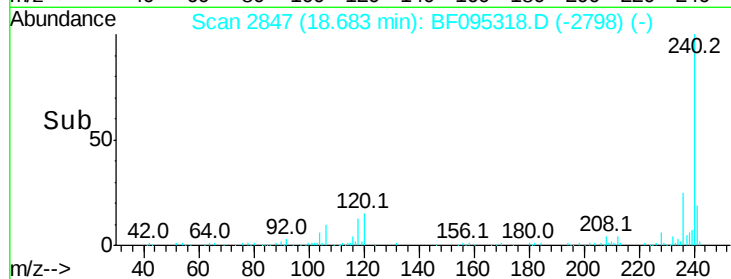
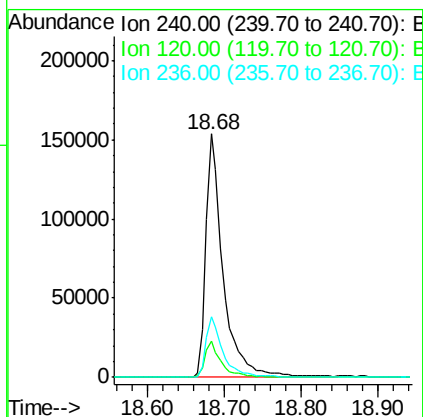
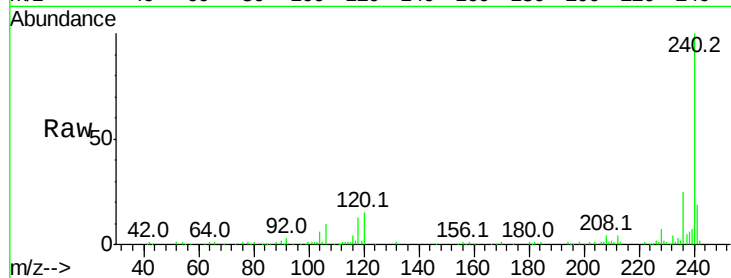




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

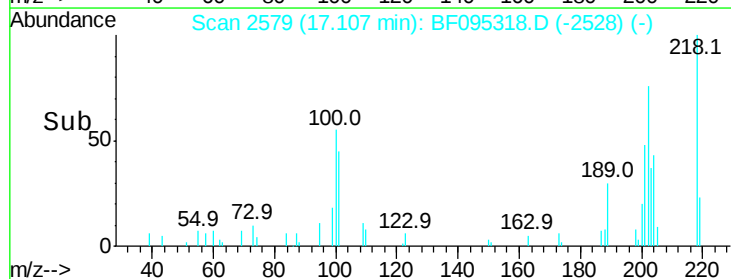
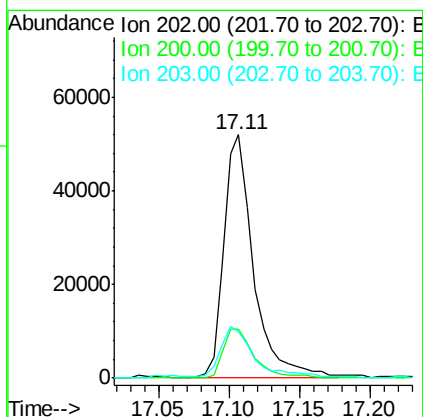
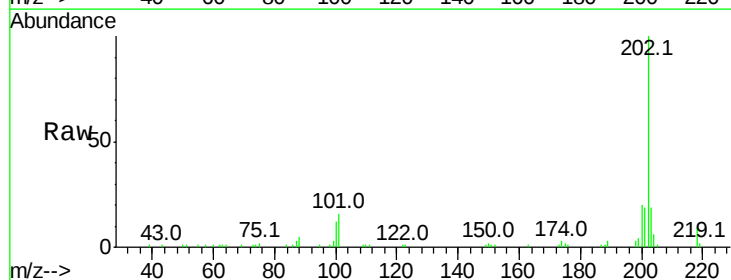
Instrument :
 BNA_F
 ClientSampleId :
 FLOOR-B

Tot Ion:240 Resp: 240053
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 24.8 20.5 30.7



#77
 Pyrene
 Concen: 4.24 ng
 RT: 17.11 min Scan# 2579
 Delta R.T. 0.00 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

Tgt Ion:202 Resp: 76198
 Ion Ratio Lower Upper
 202 100
 200 20.3 17.6 26.4
 203 19.1 14.4 21.6





#78

Terphenyl-d14

Concen: 85.85 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

Instrument :

BNA_F

ClientSampleId :

FLOOR-B

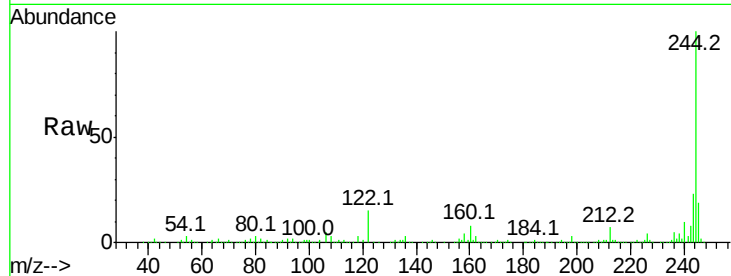
Tot Ion:244 Resp: 935656

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

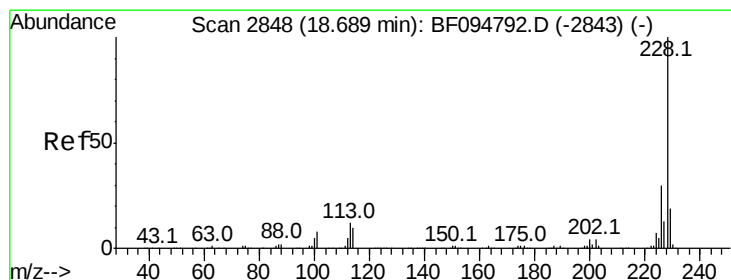
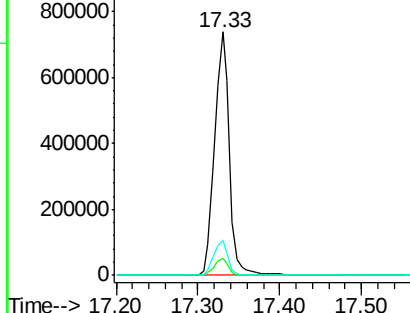
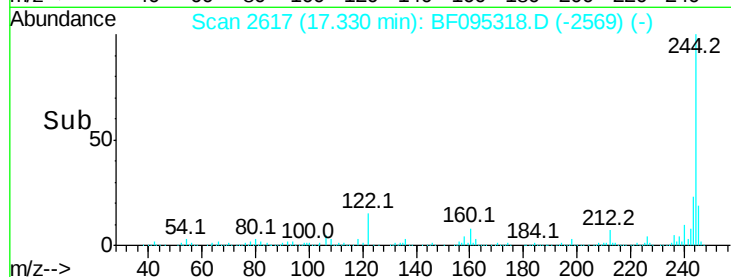
122 14.6 10.3 15.5



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



#82

Chrysene

Concen: 2.05 ng

RT: 18.72 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

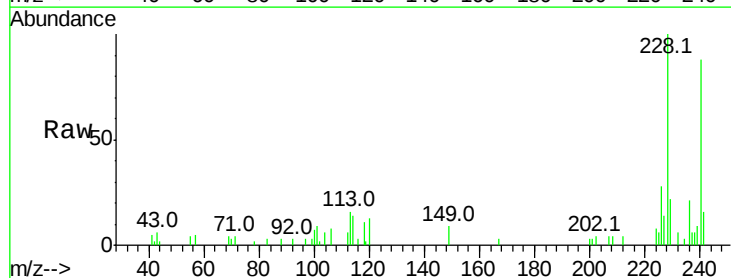
Tgt Ion:228 Resp: 27656

Ion Ratio Lower Upper

228 100

226 28.1 24.9 37.3

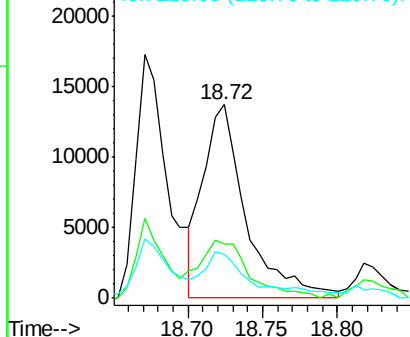
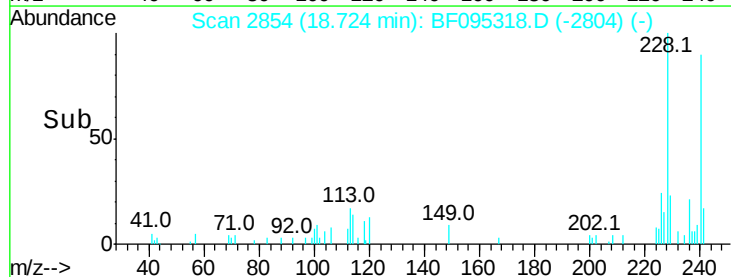
229 22.4 15.8 23.6

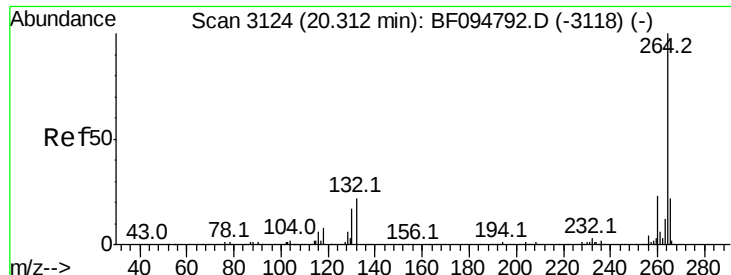


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

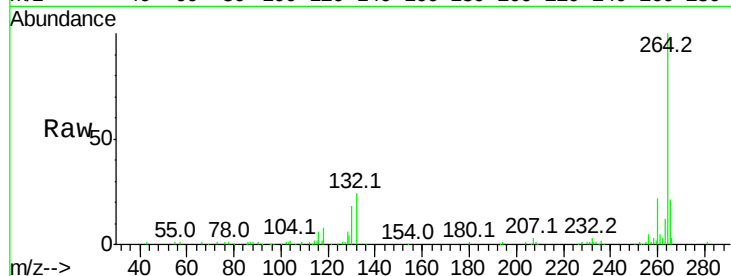




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 FLOOR-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	21.0	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

