

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095431.D
 Acq On : 25 May 2017 19:19
 Operator : SJ/MA
 Sample : I3332-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-25COMP

Quant Time: May 26 02:41:24 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

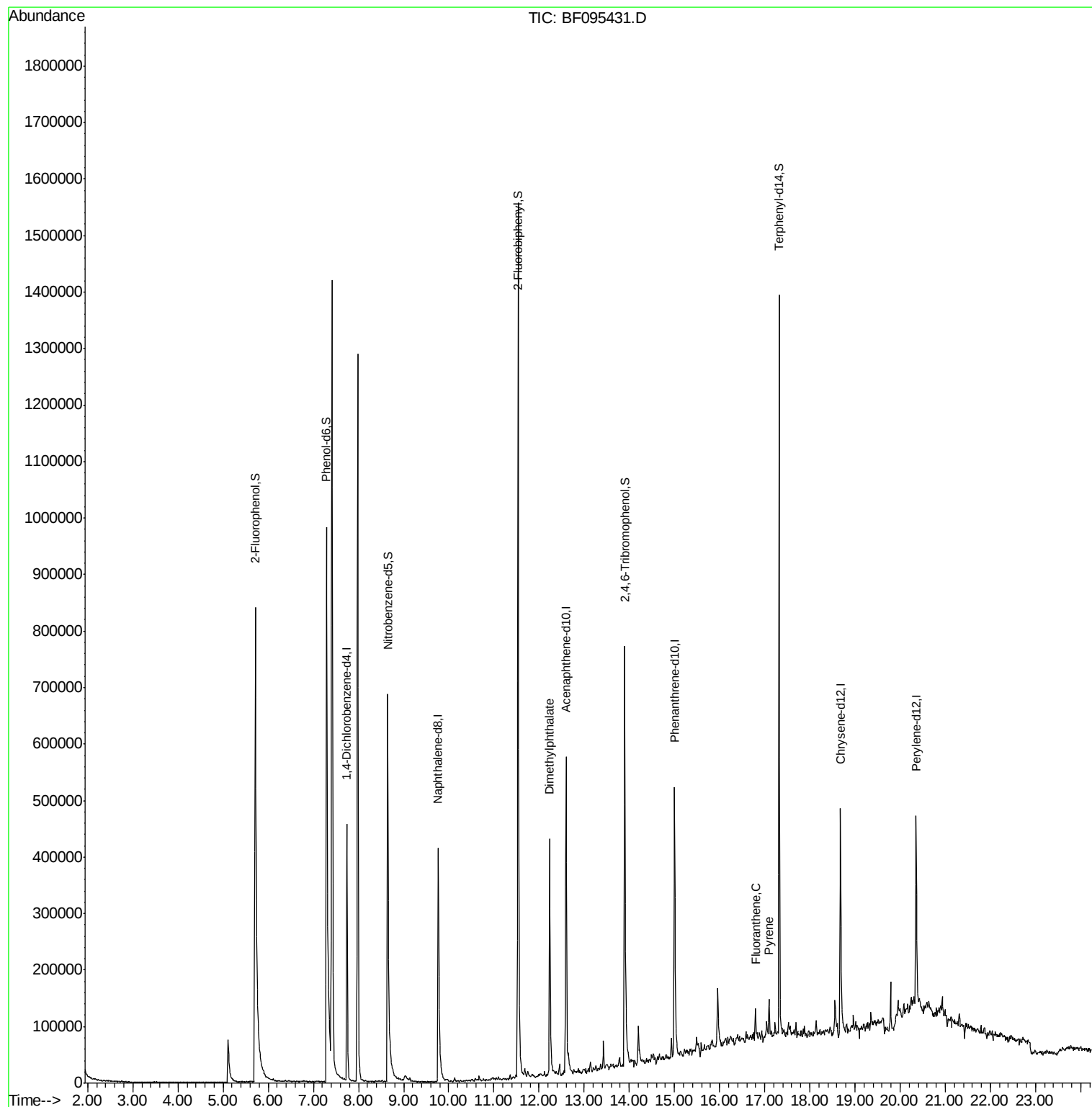
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	101536	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	423405	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	185555	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	291831	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	192145	20.00	ng	-0.02
86) Perylene-d12	20.35	264	174231	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	691755	113.59	ng	-0.02
7) Phenol-d6	7.29	99	824695	112.86	ng	-0.02
23) Nitrobenzene-d5	8.65	82	475008	70.74	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	155872	102.57	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	835042	64.77	ng	-0.02
78) Terphenyl-d14	17.32	244	508193	58.25	ng	-0.03
Target Compounds						
49) Dimethylphthalate	12.24	163	327046	21.47	ng	98
74) Fluoranthene	16.79	202	34829	2.02	ng	95
77) Pyrene	17.09	202	36331	2.53	ng	97

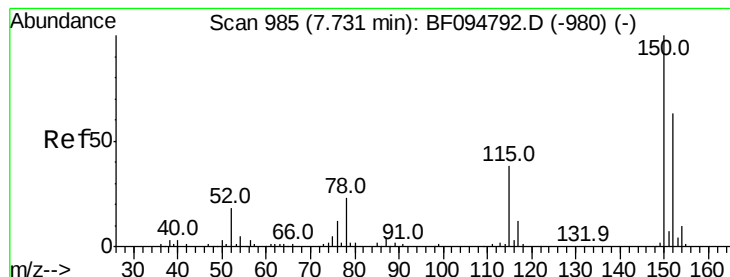
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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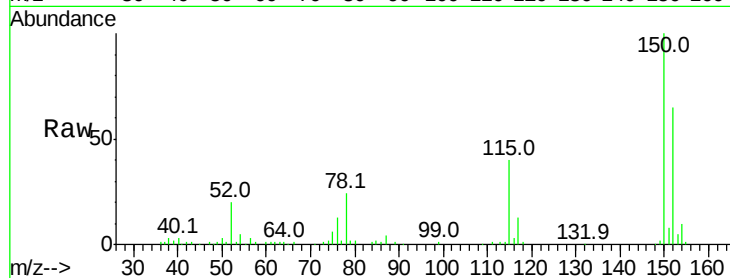


#1

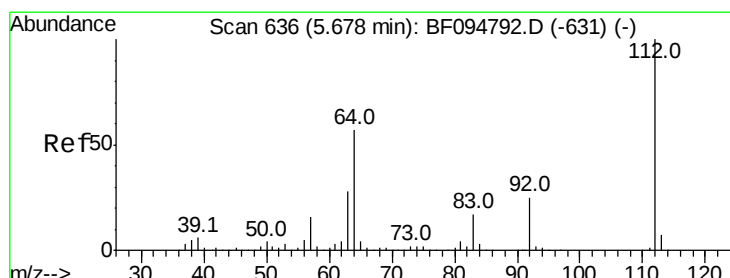
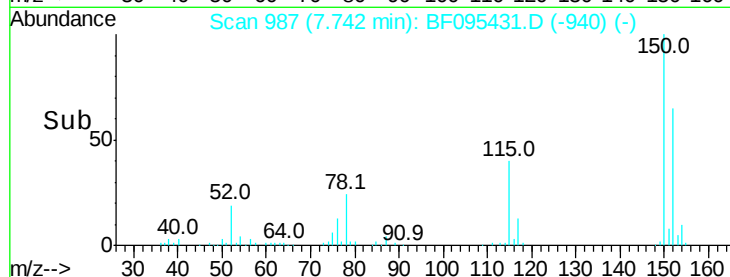
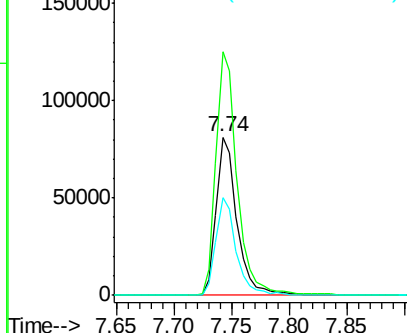
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095431.D
Acq: 25 May 2017 19:19

Instrument :
BNA_F
ClientSampleId :
SB-25COMP

Tot Ion:152 Resp: 101536
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 61.8 52.2 78.2



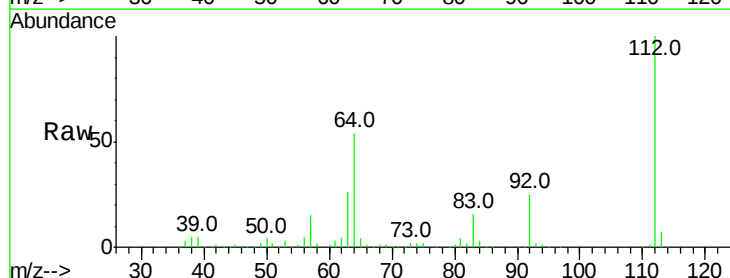
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



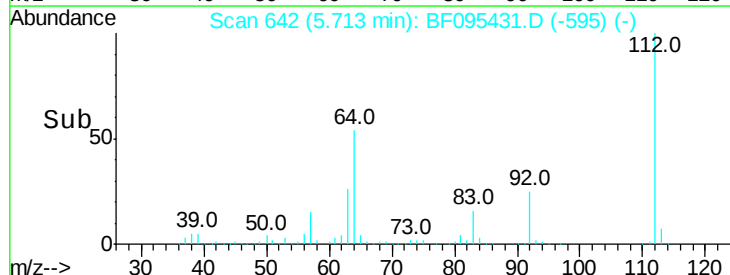
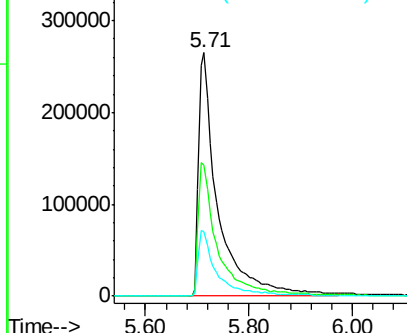
#5

2-Fluorophenol
Concen: 113.59 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095431.D
Acq: 25 May 2017 19:19

Tgt Ion:112 Resp: 691755
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 26.2 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: 112.86 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

Instrument :

BNA_F

ClientSampleId :

SB-25COMP

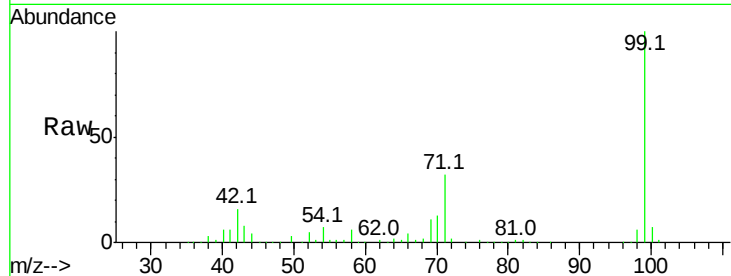
Tot Ion: 99 Resp: 824695

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

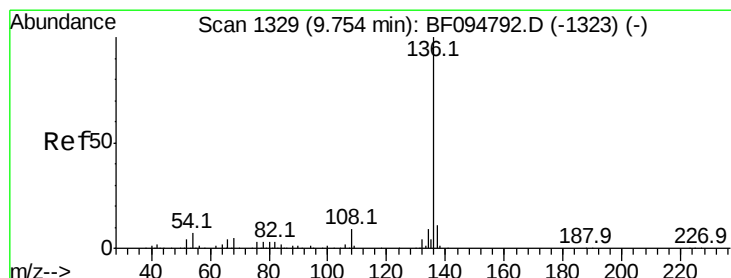
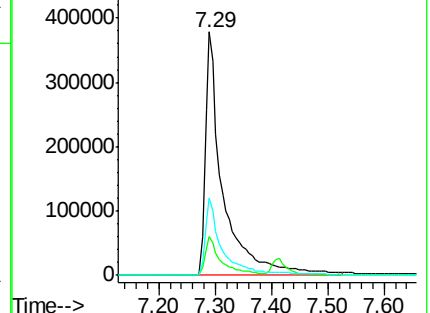
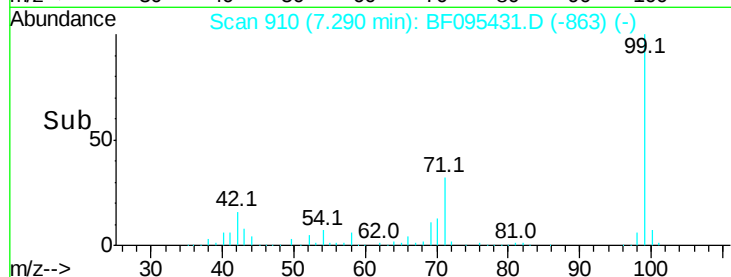
71 31.7 24.5 36.7



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: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

Tgt Ion:136 Resp: 423405

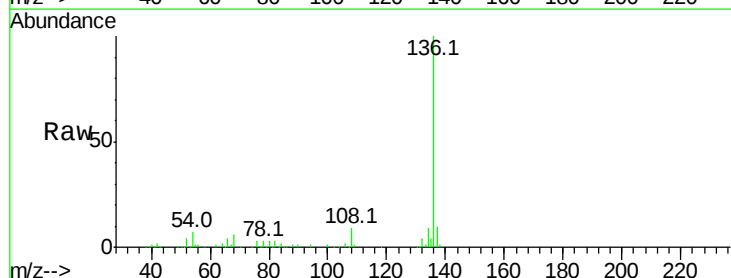
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.4 4.9 7.3#

68 6.0 4.1 6.1

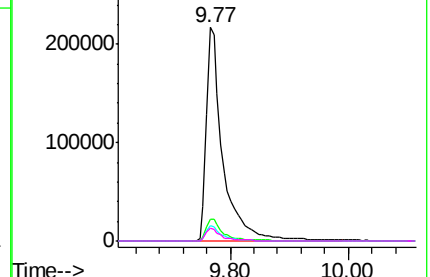
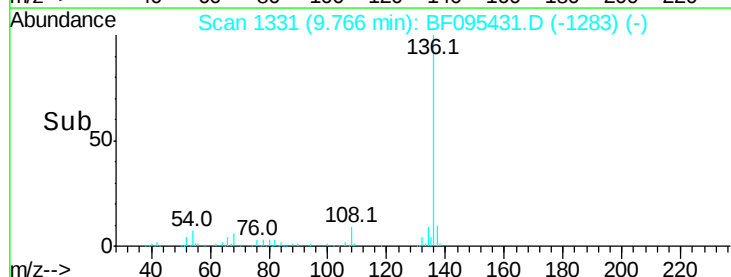


Abundance Ion 136.00 (135.70 to 136.70): E

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

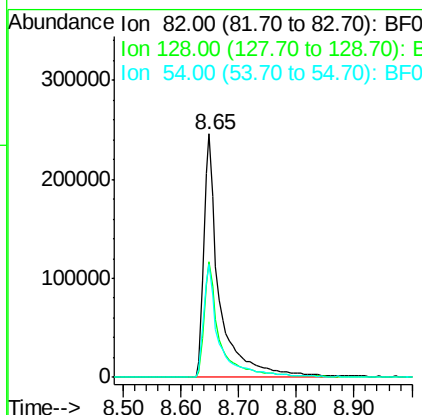
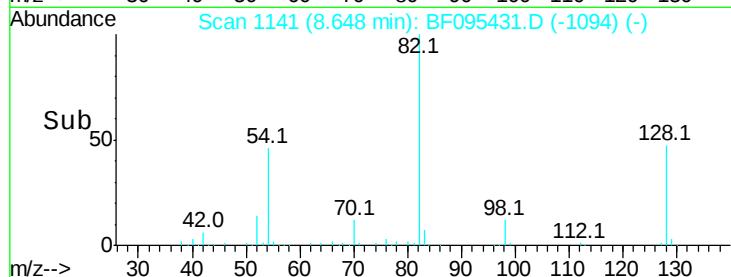
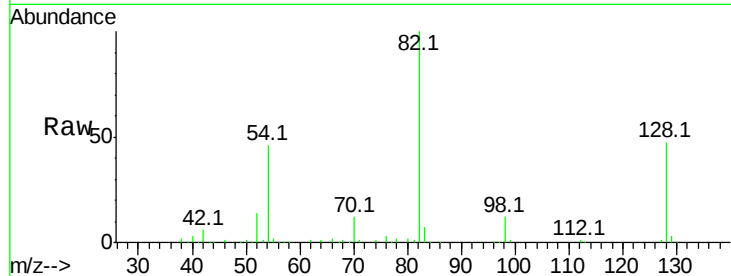




#23
Nitrobenzene-d5
Concen: 70.74 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095431.D
Acq: 25 May 2017 19:19

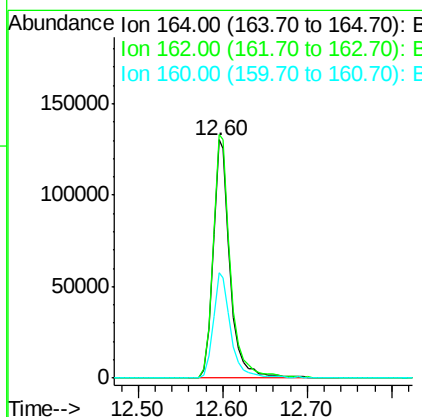
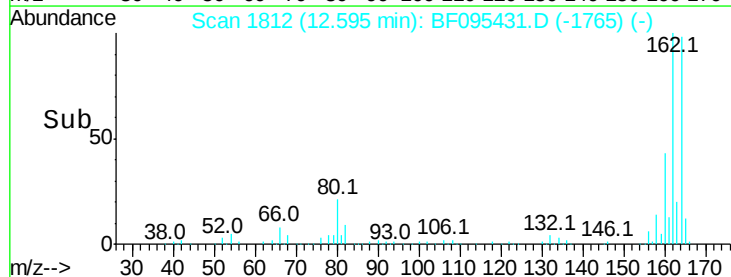
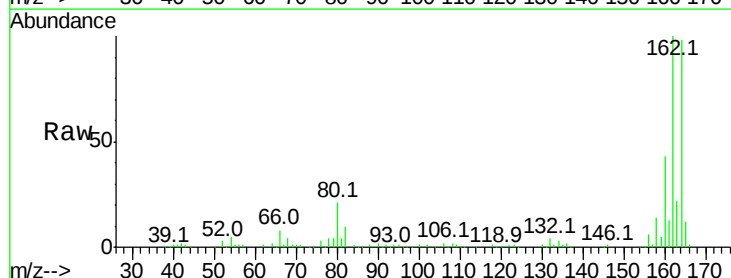
Instrument :
BNA_F
ClientSampleId :
SB-25COMP

Tot Ion: 82 Resp: 475008
Ion Ratio Lower Upper
82 100
128 47.4 34.0 51.0
54 46.3 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF095431.D
Acq: 25 May 2017 19:19

Tgt Ion:164 Resp: 185555
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 44.2 36.2 54.2

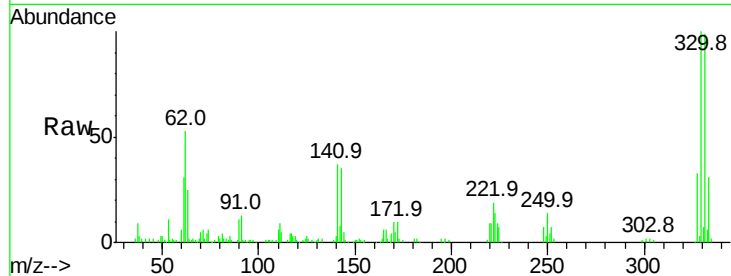




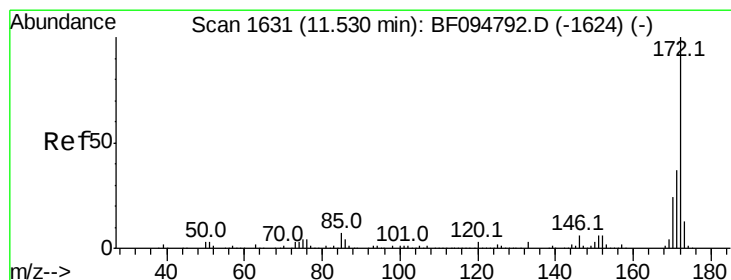
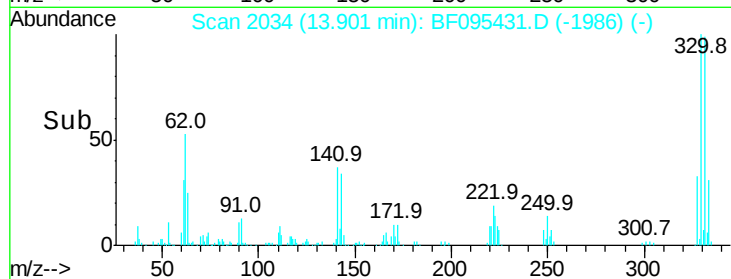
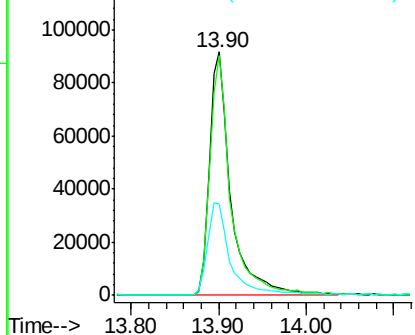
#41
 2,4,6-Tribromophenol
 Concen: 102.57 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095431.D
 Acq: 25 May 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-25COMP

Tot Ion:330 Resp: 155872
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 41.2 31.4 47.2

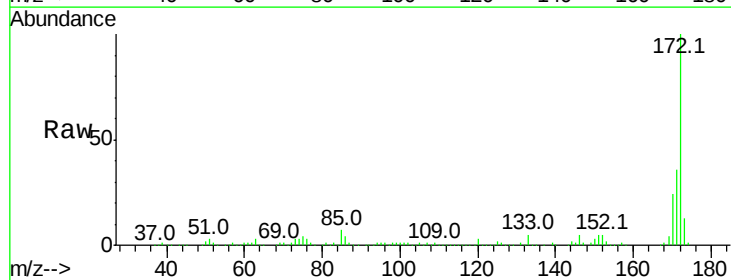


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

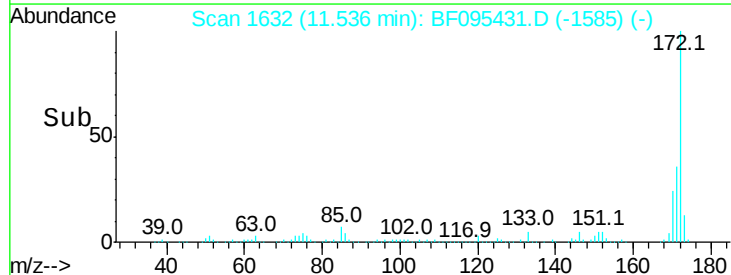
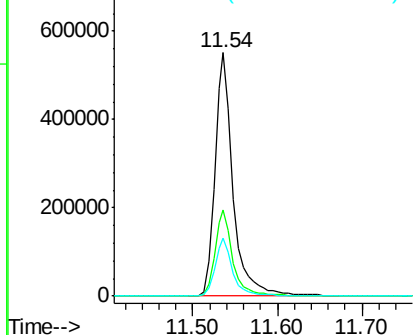


#44
 2-Fluorobiphenyl
 Concen: 64.77 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095431.D
 Acq: 25 May 2017 19:19

Tgt Ion:172 Resp: 835042
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.6 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





#49

Dimethylphthalate

Concen: 21.47 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

Instrument :

BNA_F

ClientSampled :

SB-25COMP

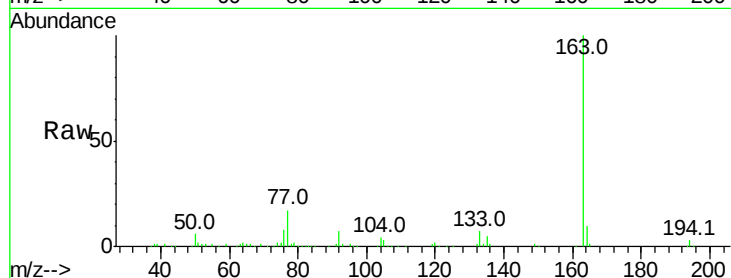
Tot Ion:163 Resp: 327046

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

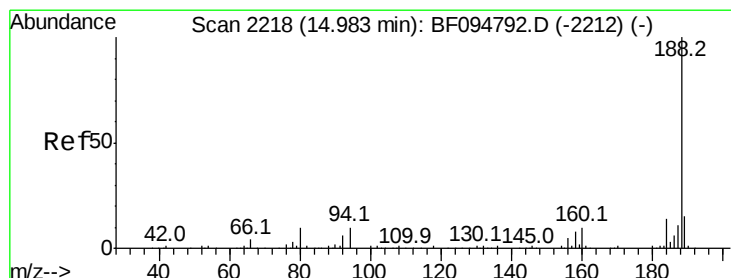
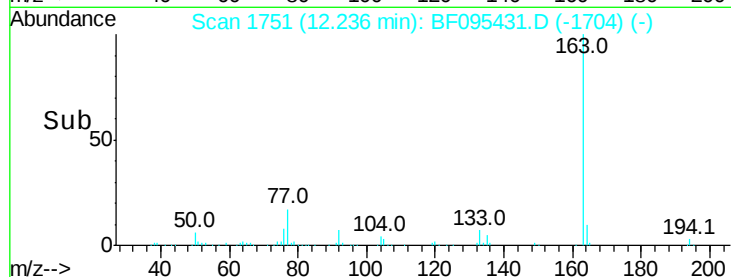
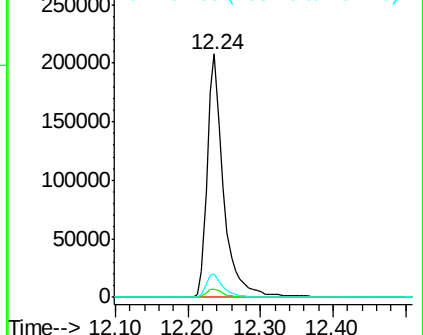
164 9.6 8.4 12.6



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: 15.00 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

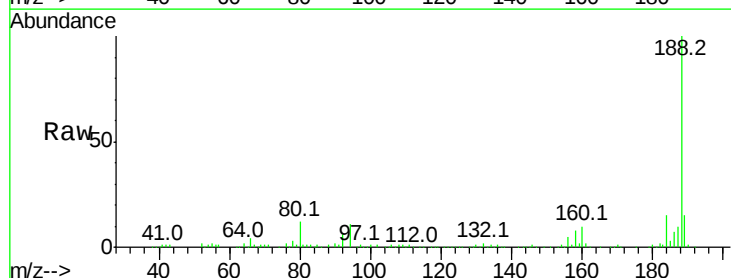
Tgt Ion:188 Resp: 291831

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

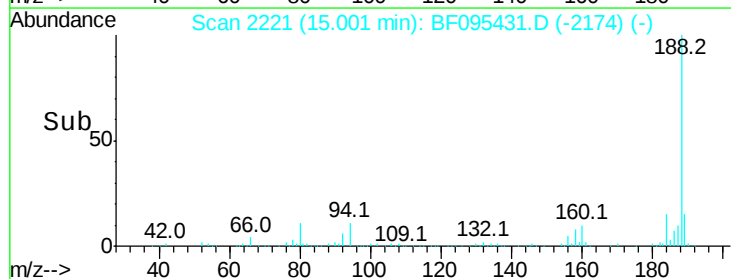
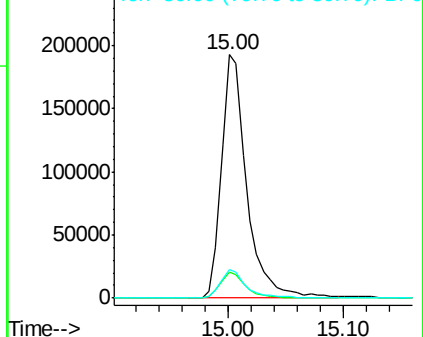
80 11.6 10.2 15.2

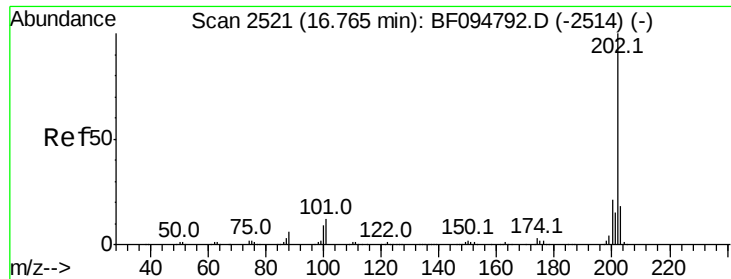


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.02 ng

RT: 16.79 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

Instrument :

BNA_F

ClientSampleId :

SB-25COMP

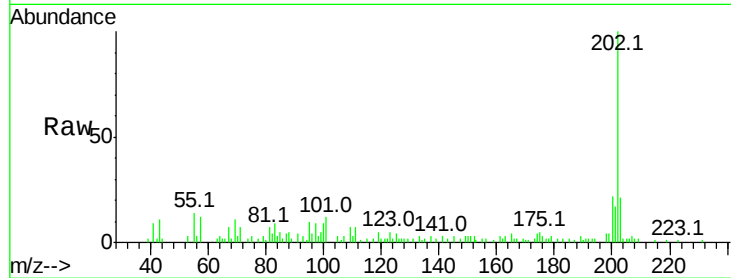
Tot Ion:202 Resp: 34829

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

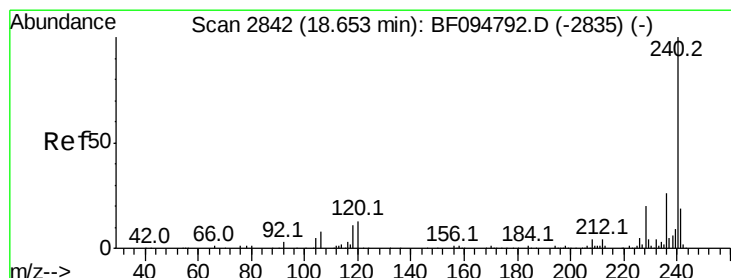
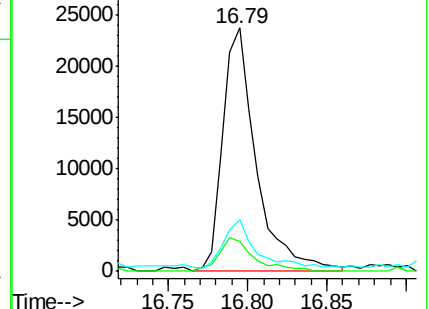
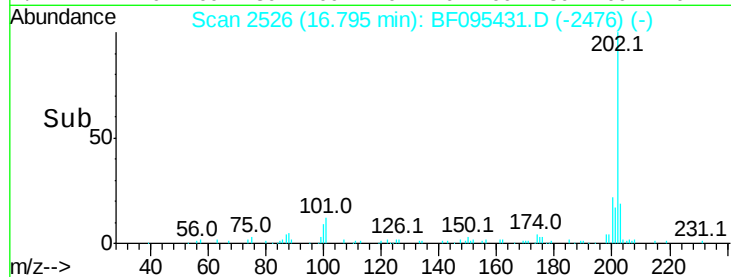
203 21.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

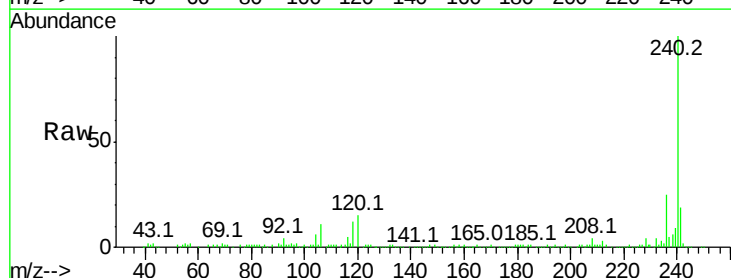
Tgt Ion:240 Resp: 192145

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

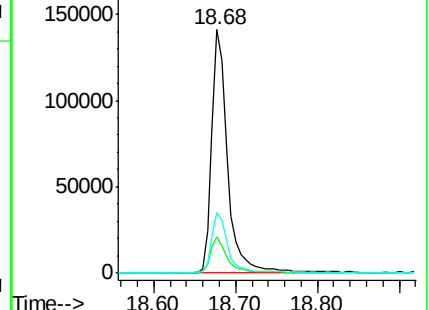
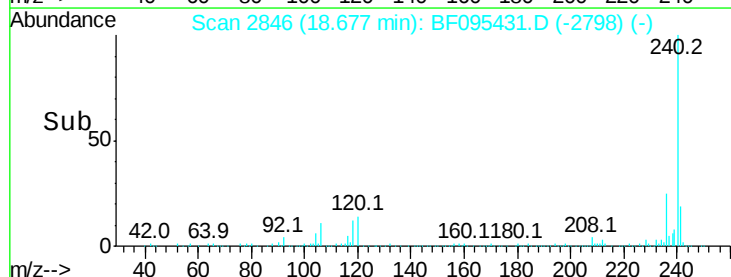
236 25.1 20.5 30.7

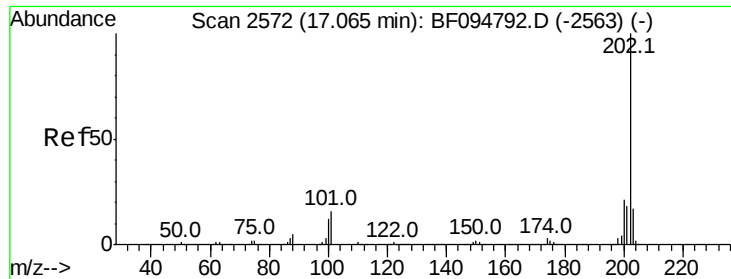


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.53 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

Instrument :

BNA_F

ClientSampleId :

SB-25COMP

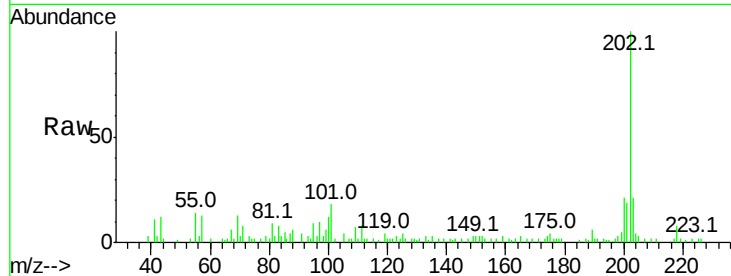
Tot Ion:202 Resp: 36331

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

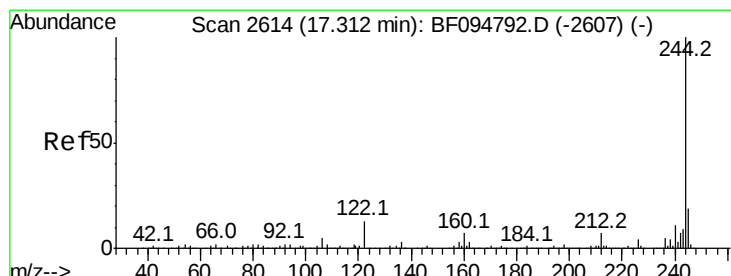
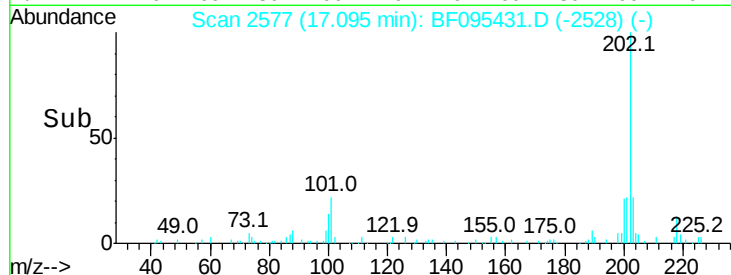
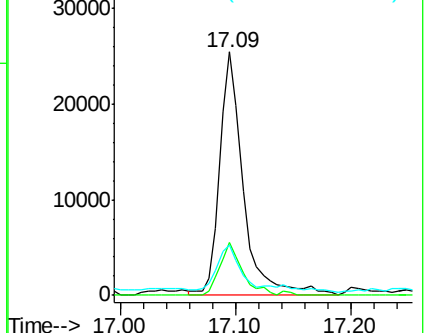
203 20.6 14.4 21.6



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: 58.25 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.03 min

Lab File: BF095431.D

Acq: 25 May 2017 19:19

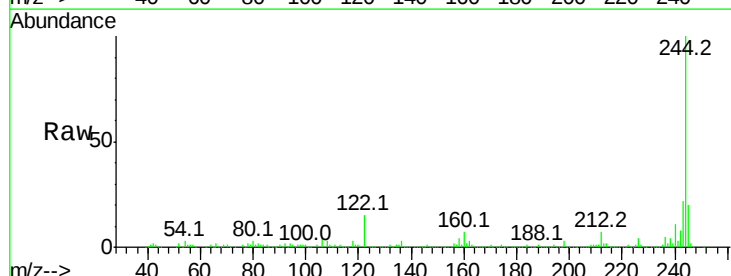
Tgt Ion:244 Resp: 508193

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

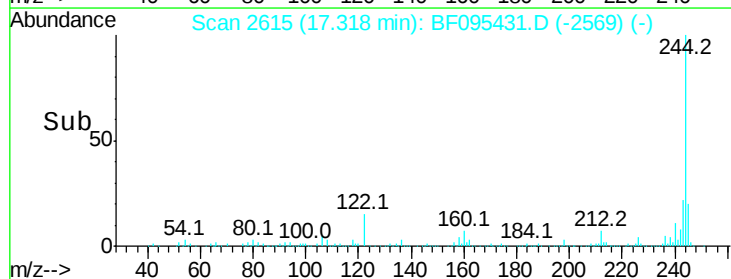
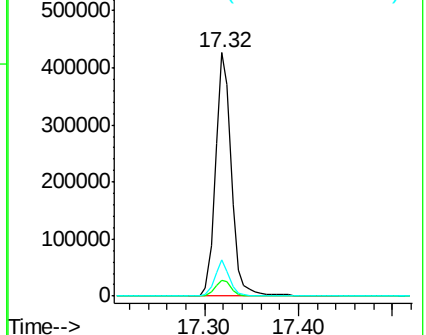
122 14.7 10.3 15.5

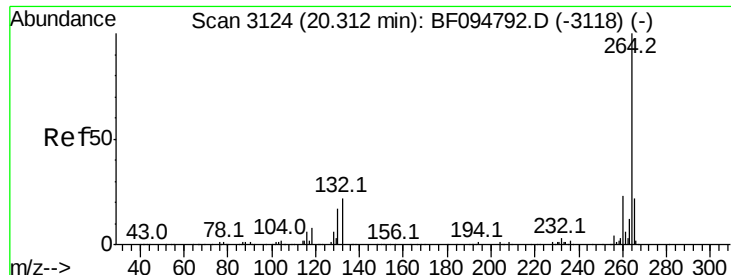


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

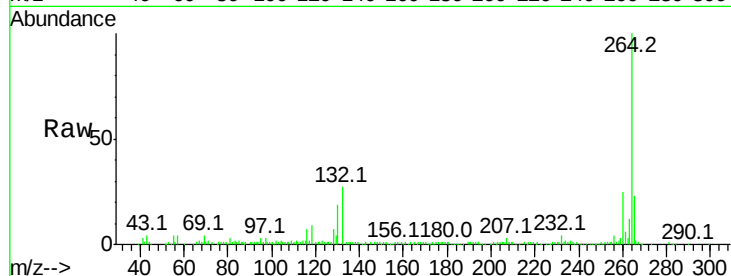




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BF095431.D
Acq: 25 May 2017 19:19

Instrument :
BNA_F
ClientSampleId :
SB-25COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.5	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

