

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095752.D
 Acq On : 7 Jun 2017 18:27
 Operator : SJ/MA
 Sample : I3479-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(8-10)20170603

Quant Time: Jun 08 04:59:00 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

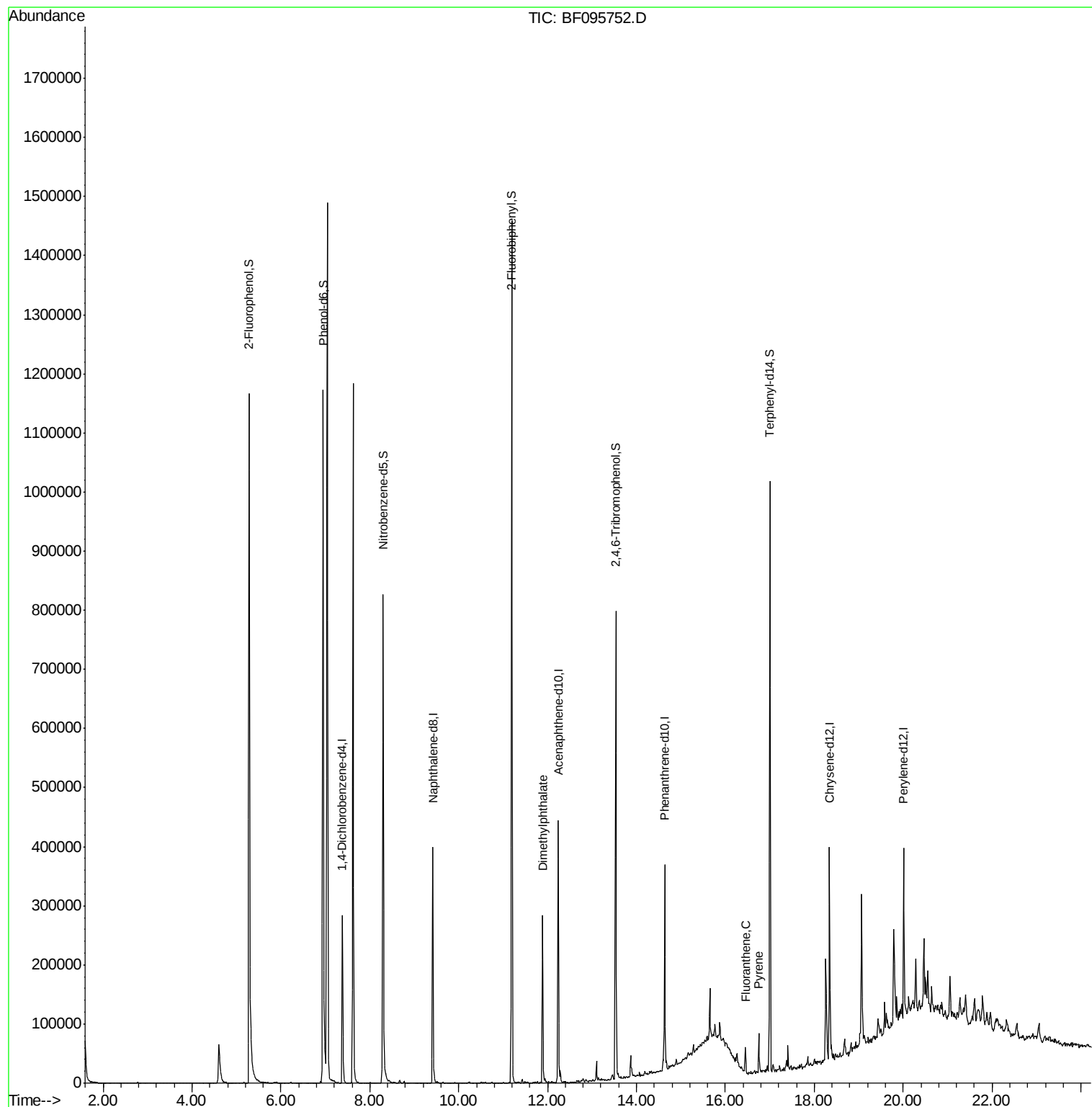
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	69966	20.00	ng	-0.01
21) Naphthalene-d8	9.42	136	279899	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	120063	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	178656	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	135365	20.00	ng	-0.01
86) Perylene-d12	20.02	264	115555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	615992	140.29	ng	0.00
7) Phenol-d6	6.95	99	746154	141.95	ng	0.00
23) Nitrobenzene-d5	8.30	82	434265	96.36	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	122875	115.67	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	661968	76.72	ng	-0.02
78) Terphenyl-d14	17.00	244	350531	64.27	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.89	163	159704	17.52	ng	99
74) Fluoranthene	16.45	202	22055	2.16	ng	98
77) Pyrene	16.75	202	20528	2.03	ng	95

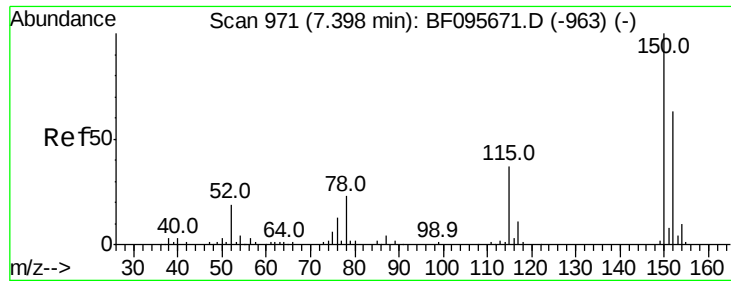
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.39 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

SB-9(8-10)20170603

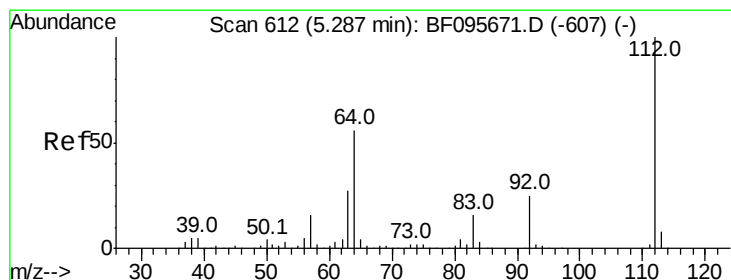
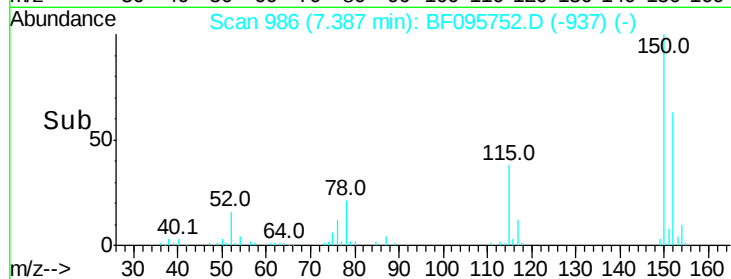
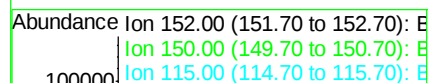
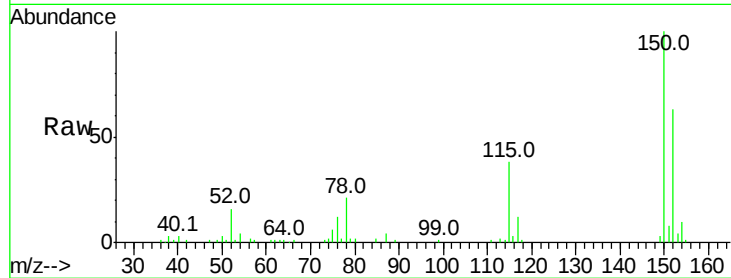
Tot Ion:152 Resp: 69966

Ion Ratio Lower Upper

152 100

150 158.1 126.2 189.2

115 59.9 52.2 78.2



#5

2-Fluorophenol

Concen: 140.29 ng

RT: 5.28 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

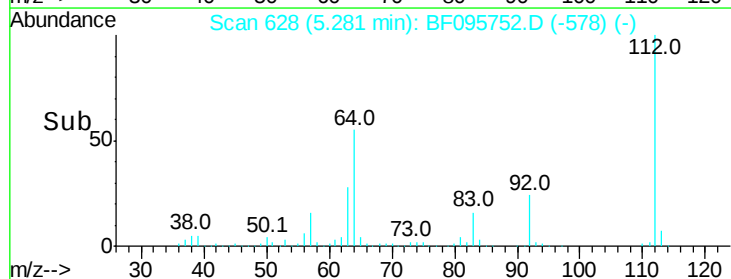
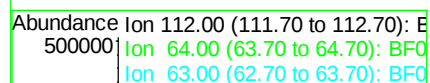
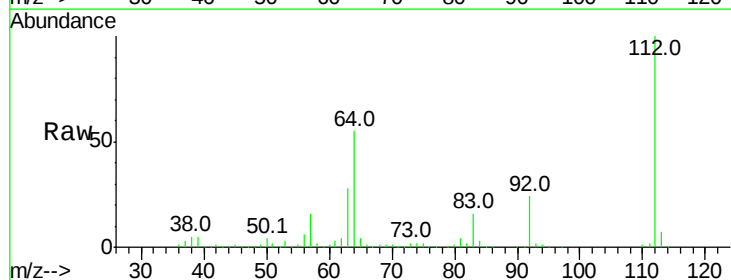
Tgt Ion:112 Resp: 615992

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

63 27.9 23.4 35.0





#7

Phenol-d6

Concen: 141.95 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

SB-9(8-10)20170603

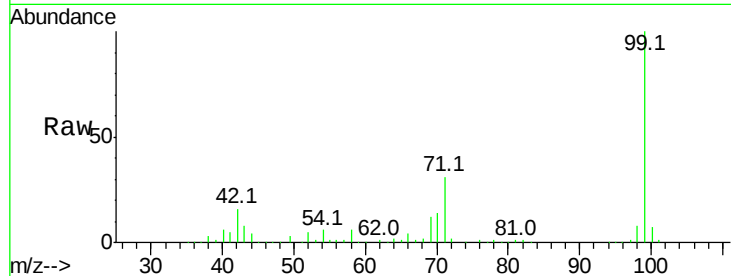
Tot Ion: 99 Resp: 746154

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

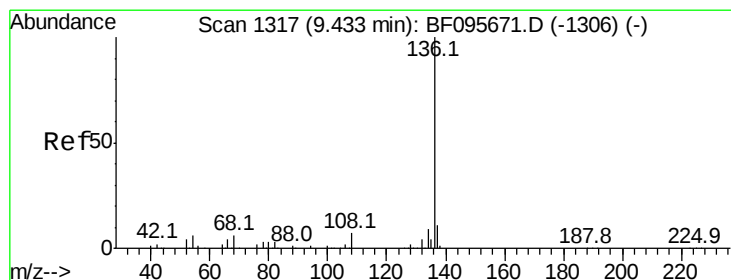
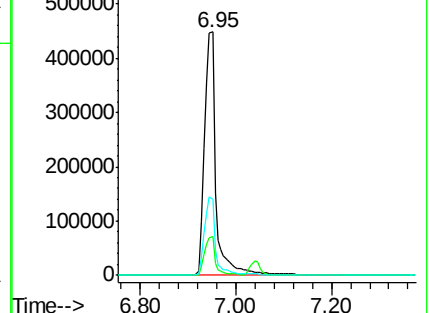
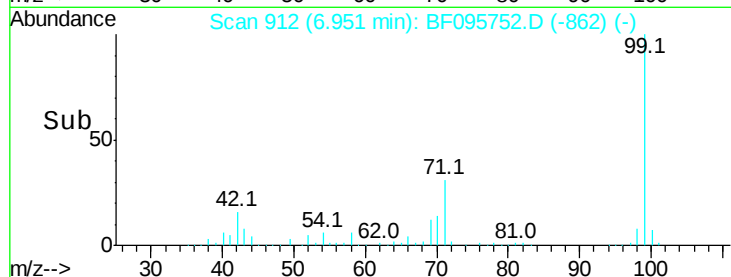
71 31.0 24.5 36.7



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: 9.42 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

Tgt Ion: 136 Resp: 279899

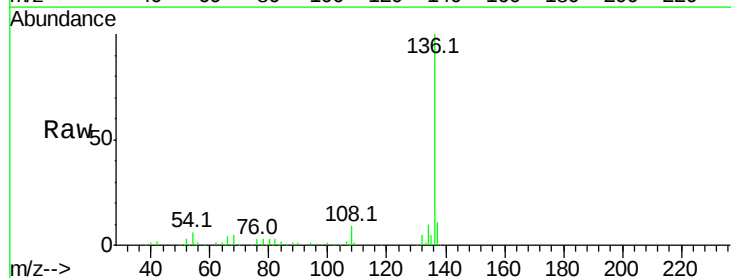
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.2 4.9 7.3

68 5.3 4.1 6.1

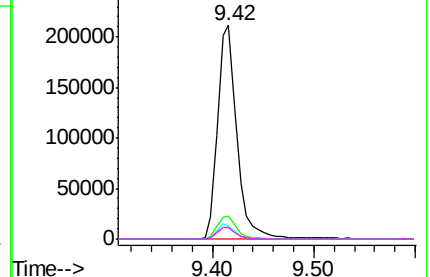
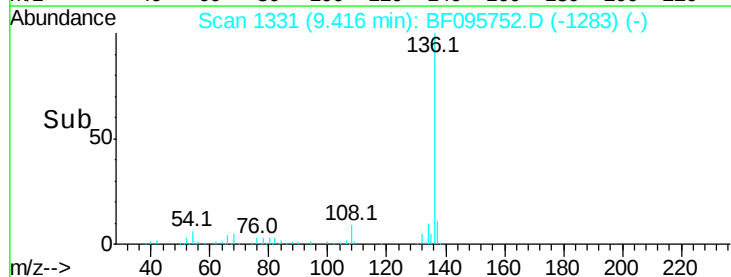


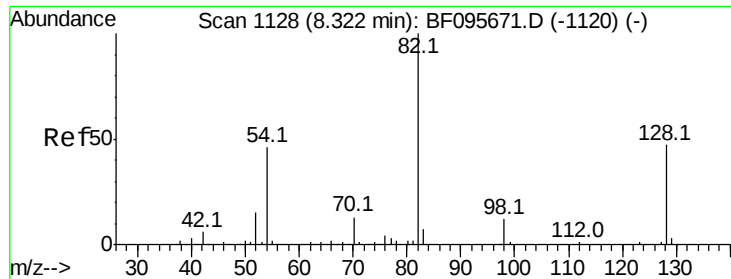
Abundance Ion 136.00 (135.70 to 136.70): E

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

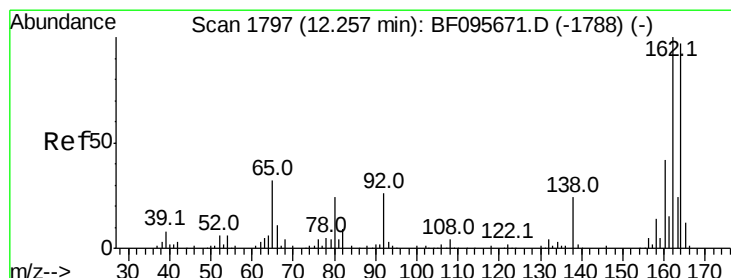
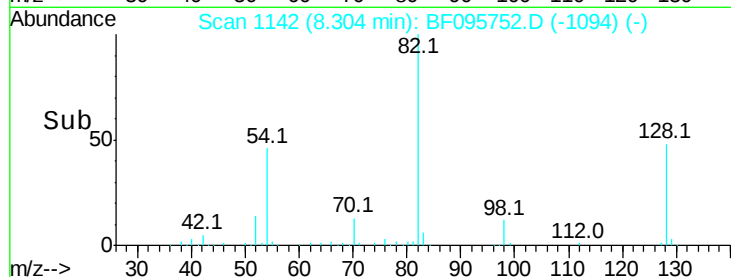
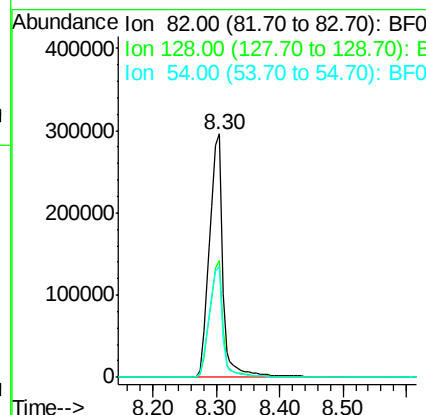
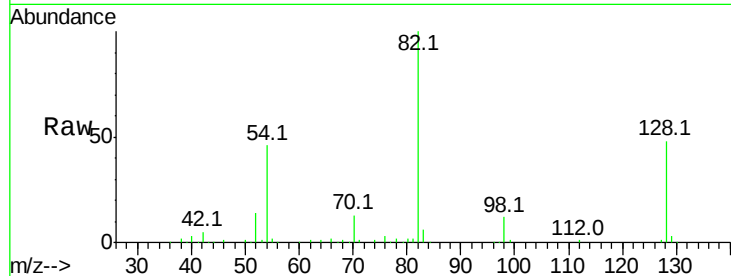




#23
Nitrobenzene-d5
Concen: 96.36 ng
RT: 8.30 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095752.D
Acq: 7 Jun 2017 18:27

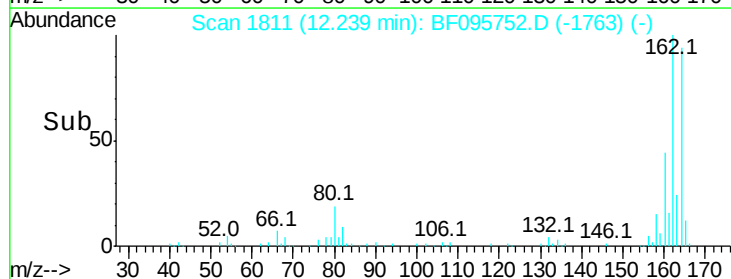
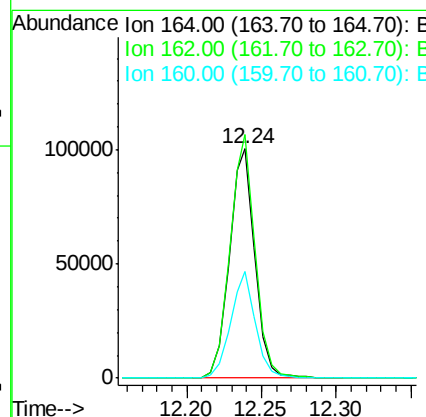
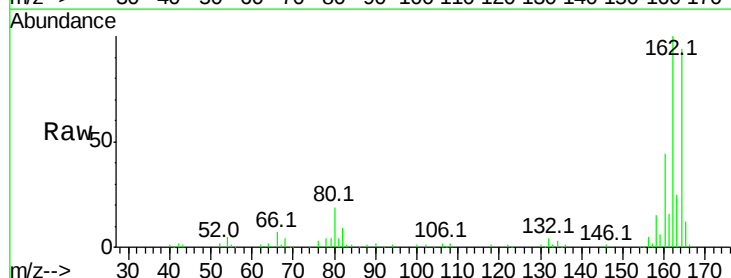
Instrument :
BNA_F
ClientSampleId :
SB-9(8-10)20170603

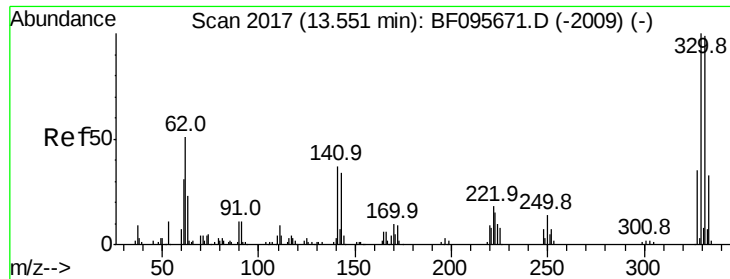
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	45.6	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095752.D
Acq: 7 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.6	123.8
160	46.5	36.2	54.2

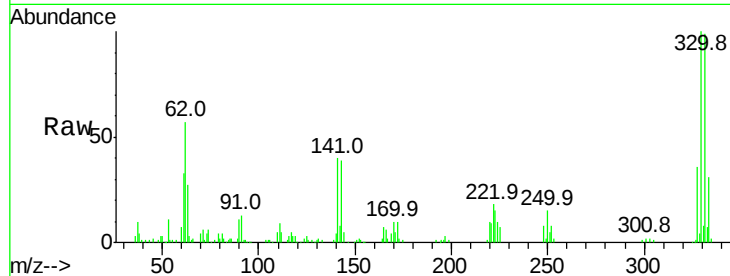




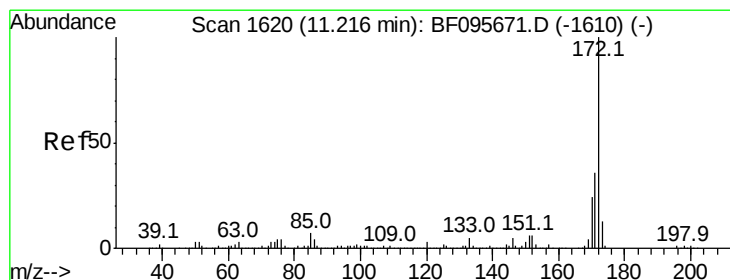
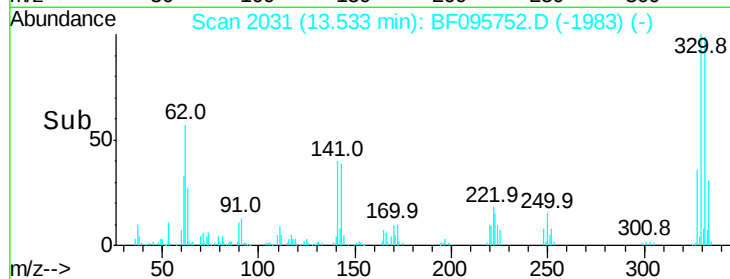
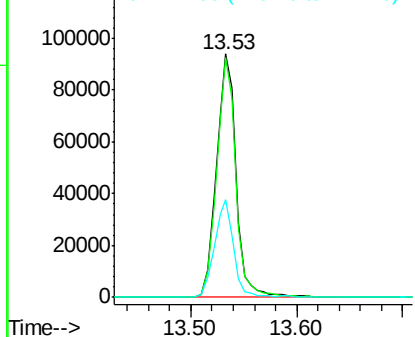
#41
 2,4,6-Tribromophenol
 Concen: 115.67 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095752.D
 Acq: 7 Jun 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(8-10)20170603

Tot Ion:330 Resp: 122875
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 39.0 31.4 47.2

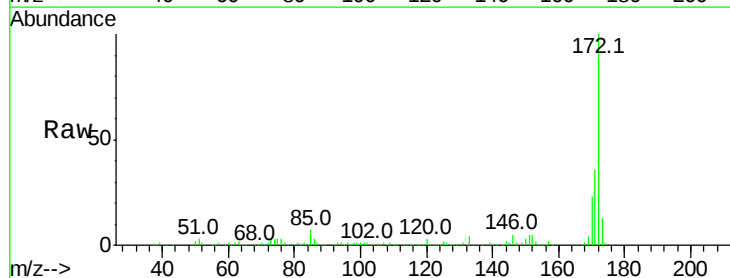


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

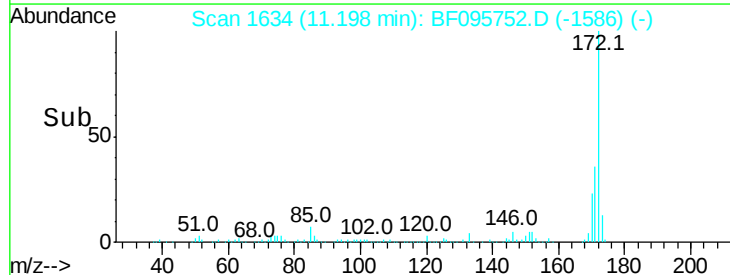
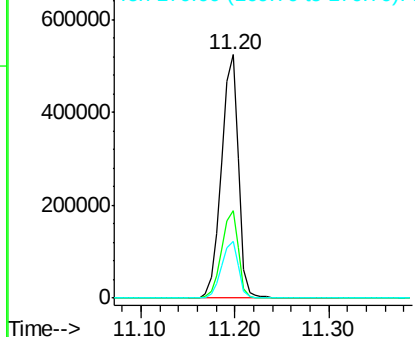


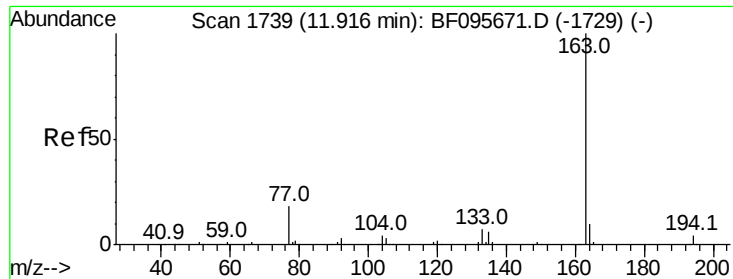
#44
 2-Fluorobiphenyl
 Concen: 76.72 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095752.D
 Acq: 7 Jun 2017 18:27

Tgt Ion:172 Resp: 661968
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.5 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: 17.52 ng

RT: 11.89 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

SB-9(8-10)20170603

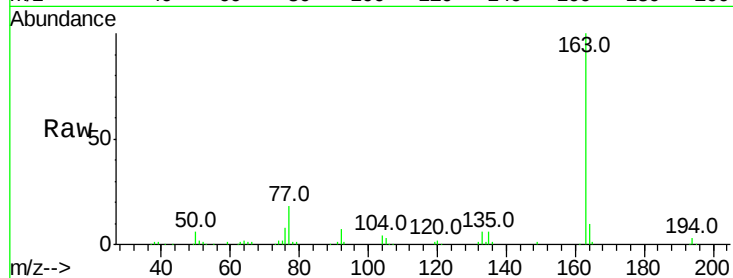
Tot Ion:163 Resp: 159704

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

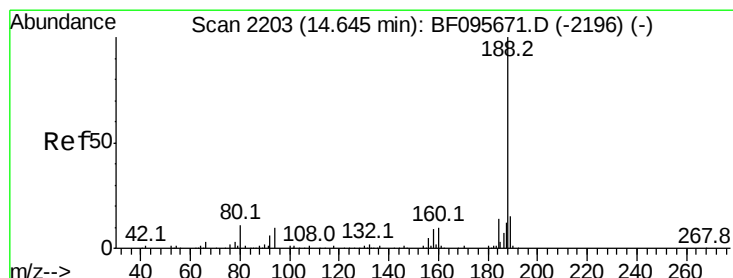
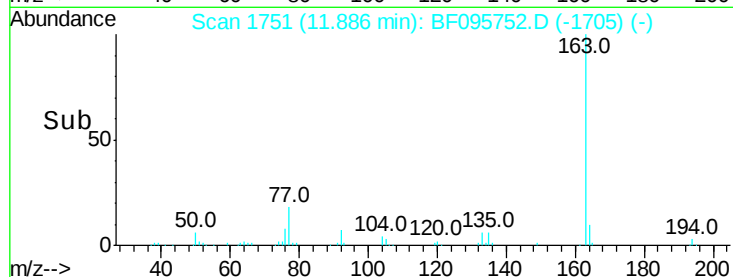
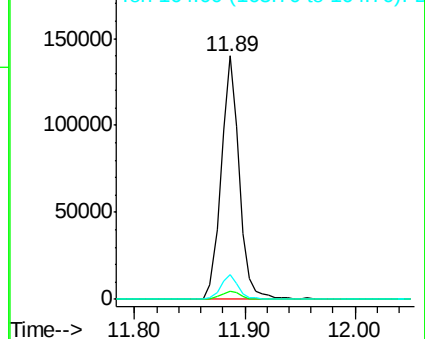
164 9.9 8.4 12.6



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: 14.63 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

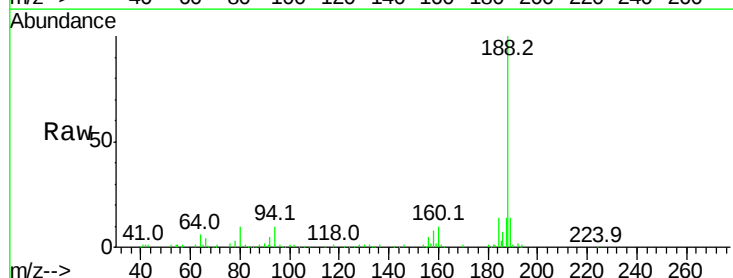
Tgt Ion:188 Resp: 178656

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

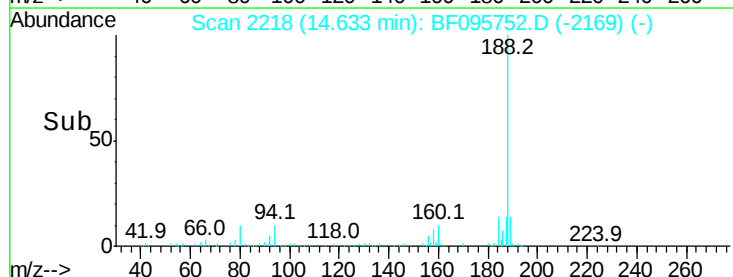
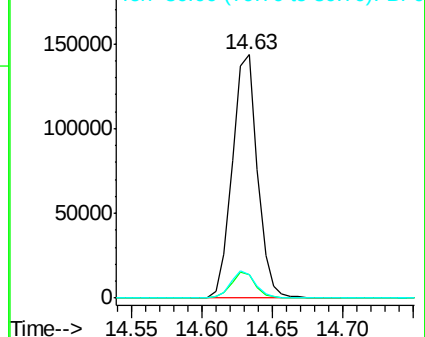
80 9.8 10.2 15.2#

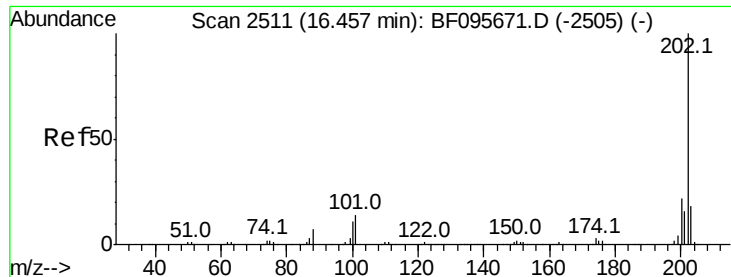


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

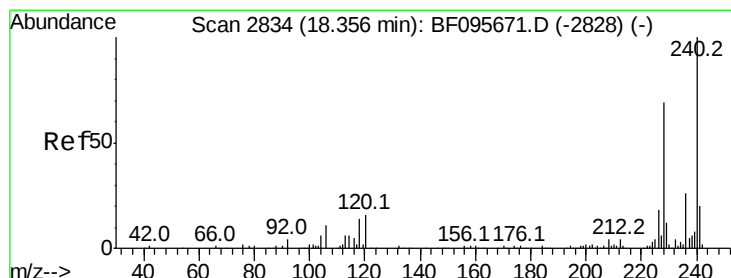
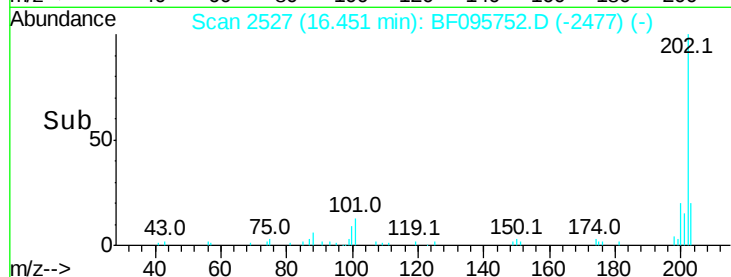
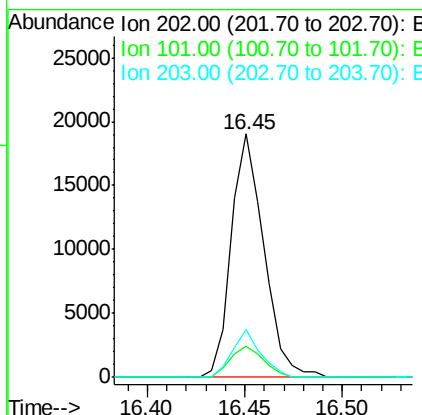
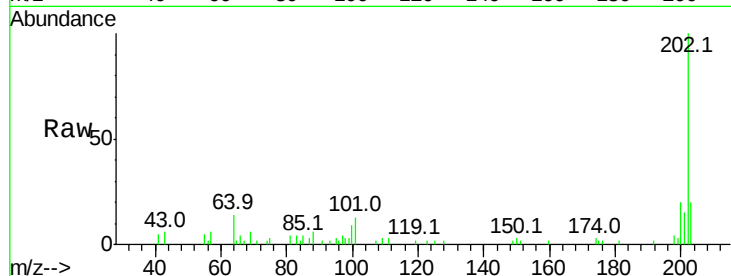




#74
 Fluoranthene
 Concen: 2.16 ng
 RT: 16.45 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BF095752.D
 Acq: 7 Jun 2017 18:27

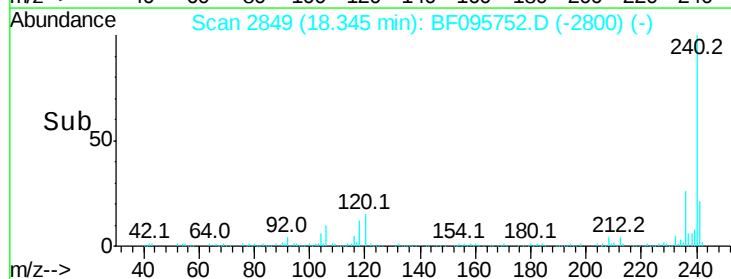
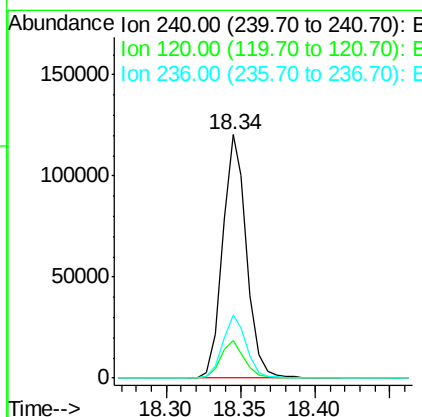
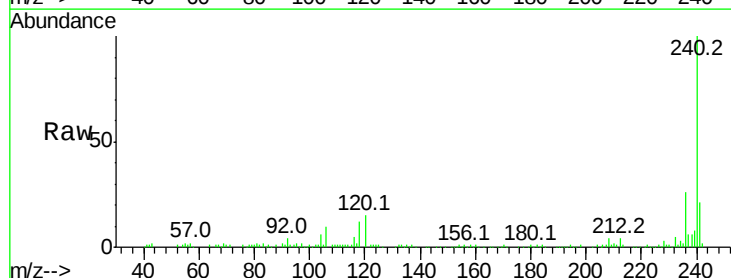
Instrument :
 BNA_F
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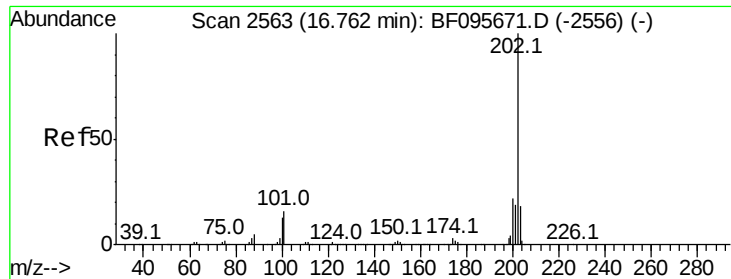
Tot Ion:	202	Resp:	22055
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	19.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.34 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BF095752.D
 Acq: 7 Jun 2017 18:27

Tgt Ion:	240	Resp:	135365
Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	26.0	20.5	30.7





#77

Pvrene

Concen: 2.03 ng

RT: 16.75 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

SB-9(8-10)20170603

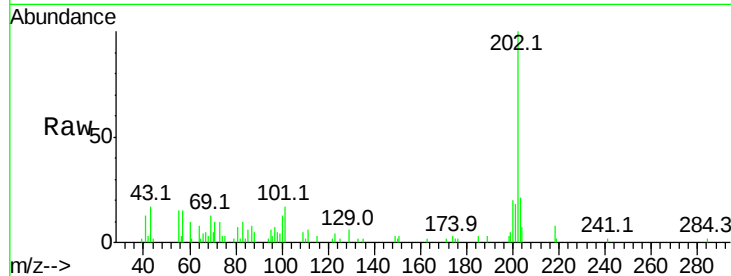
Tot Ion:202 Resp: 20528

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

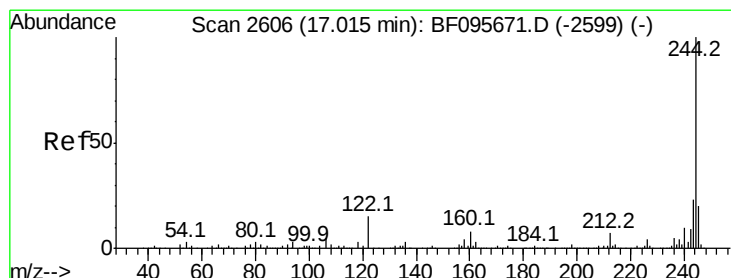
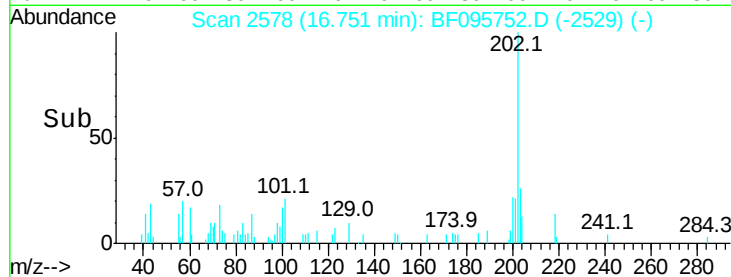
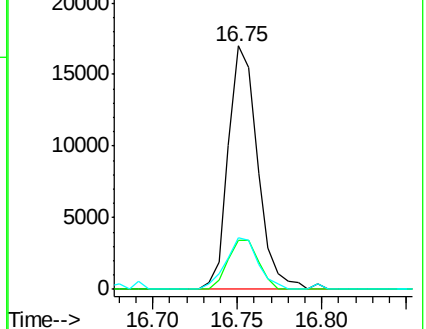
203 21.1 14.4 21.6



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: 64.27 ng

RT: 17.00 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

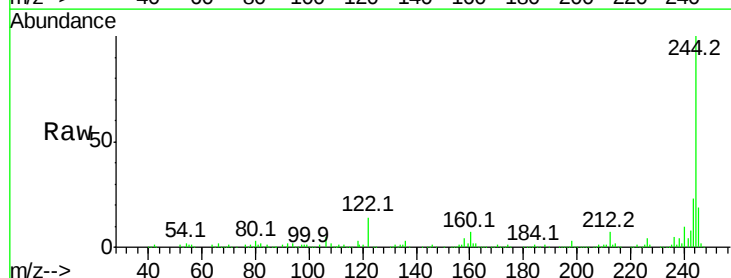
Tgt Ion:244 Resp: 350531

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

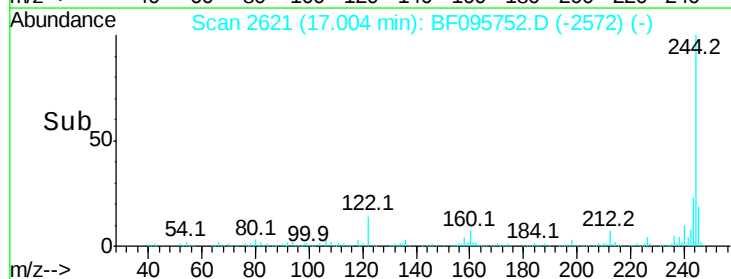
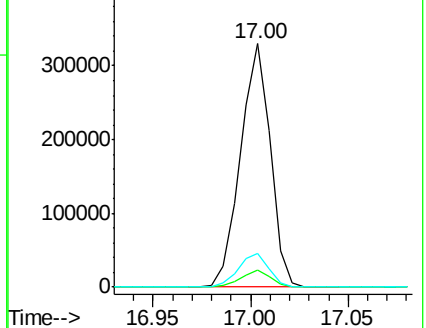
122 13.8 10.3 15.5

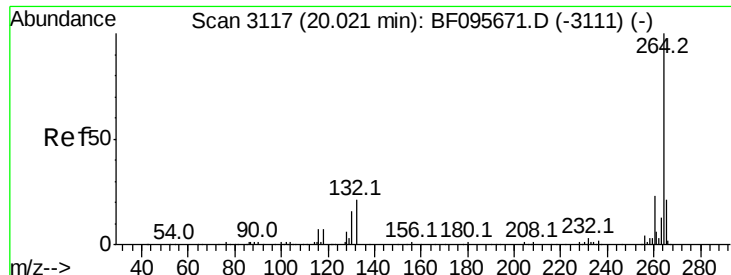


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

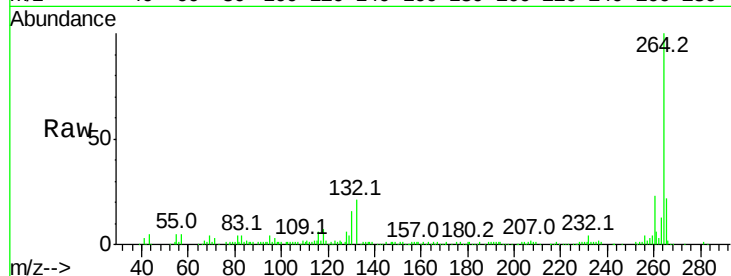




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF095752.D
 Acq: 7 Jun 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(8-10)20170603

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.8	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

