

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095851.D
 Acq On : 10 Jun 2017 16:58
 Operator : SJ/MA
 Sample : I3591-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 03:49:11 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

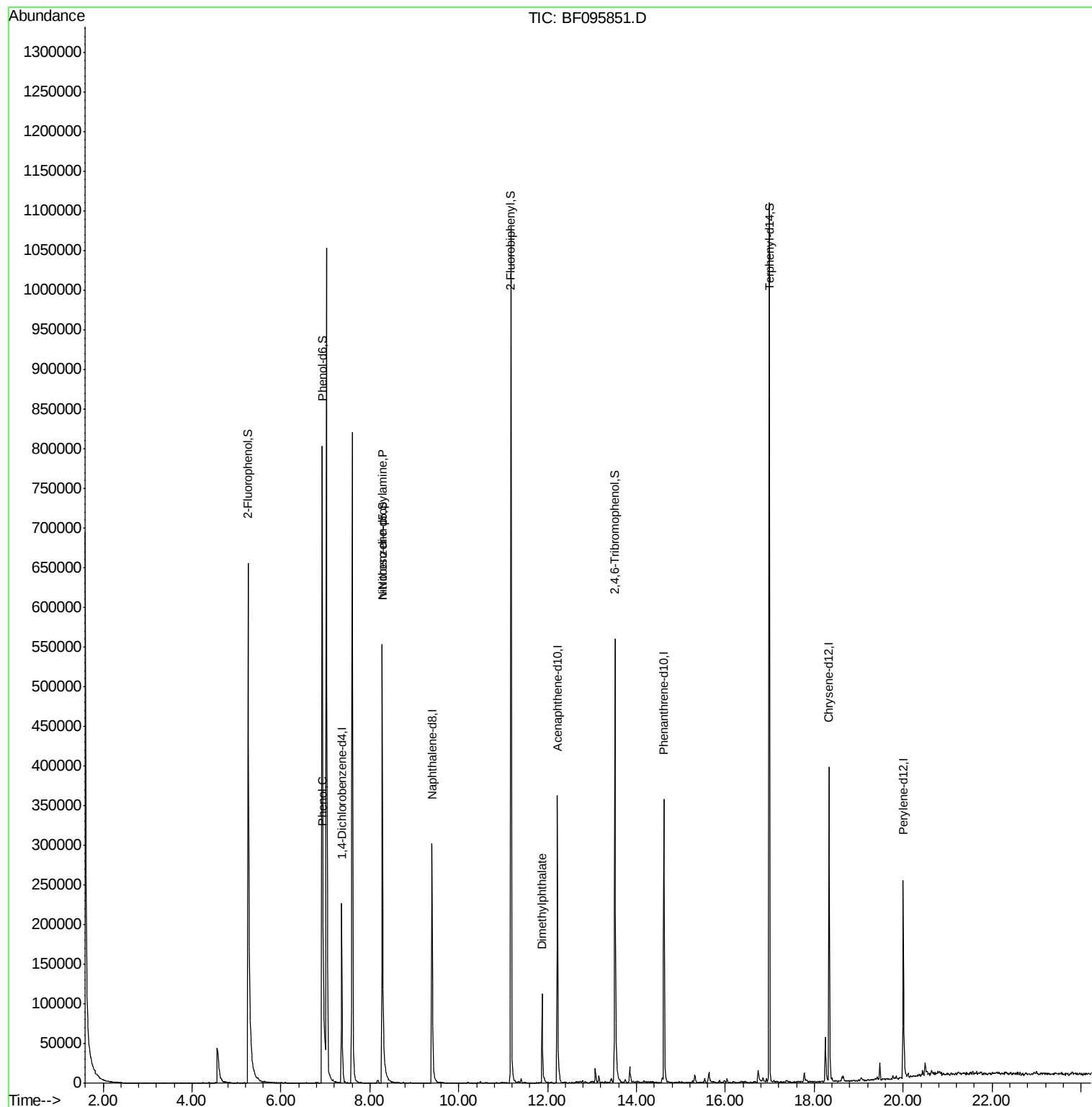
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	55453	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	231683	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	106019	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	206115	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	183488	20.00	ng	-0.02
86) Perylene-d12	20.00	264	122779	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	442096	127.04	ng	-0.03
7) Phenol-d6	6.93	99	543980	130.57	ng	-0.03
23) Nitrobenzene-d5	8.28	82	308164	82.61	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	103550	110.39	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	521628	68.47	ng	-0.04
78) Terphenyl-d14	16.99	244	455609	61.62	ng	-0.02
Target Compounds						
10) Phenol	6.95	94	10715	2.48	ng	# 32
19) n-Nitroso-di-n-propylamine	8.28	70	37605	14.24	ng	# 76
49) Dimethylphthalate	11.87	163	79730	9.90	ng	99

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

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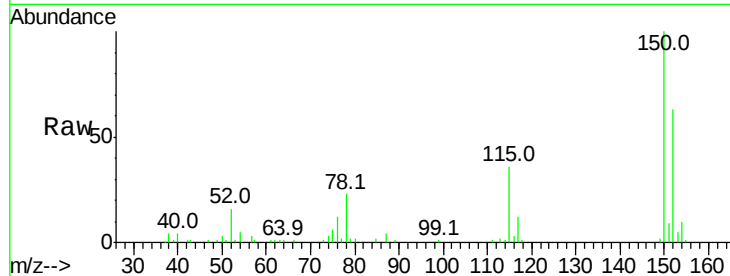


#1

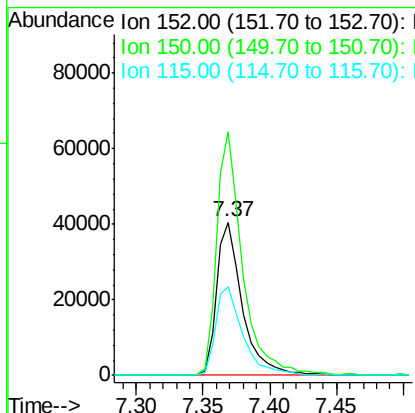
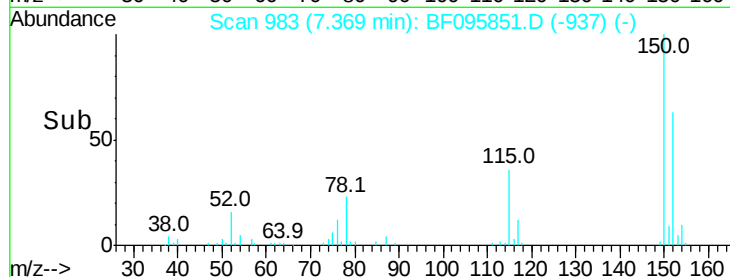
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095851.D
Acq: 10 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 55453
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 57.9 52.2 78.2



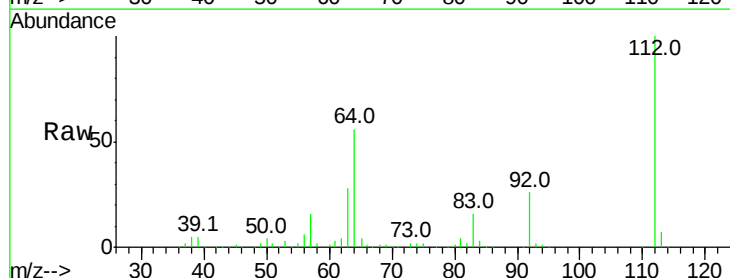
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



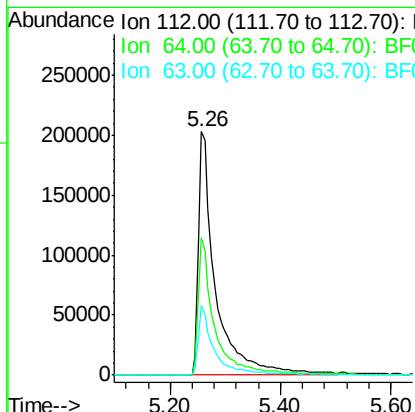
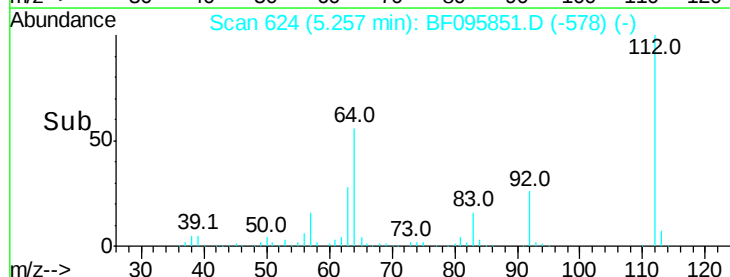
#5

2-Fluorophenol
Concen: 127.04 ng
RT: 5.26 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF095851.D
Acq: 10 Jun 2017 16:58

Tgt Ion:112 Resp: 442096
Ion Ratio Lower Upper
112 100
64 56.3 46.0 69.0
63 28.5 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: 130.57 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095851.D

Acq: 10 Jun 2017 16:58

Instrument :

BNA_F

ClientSampleId :

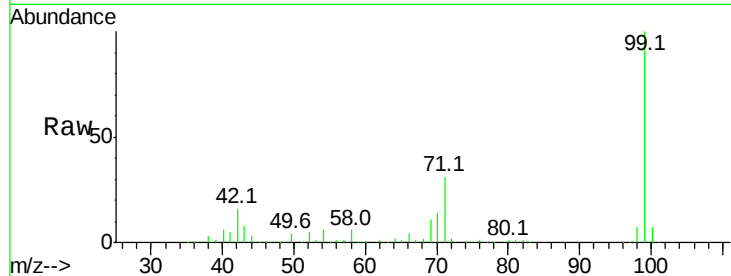
Tot Ion: 99 Resp: 543980

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

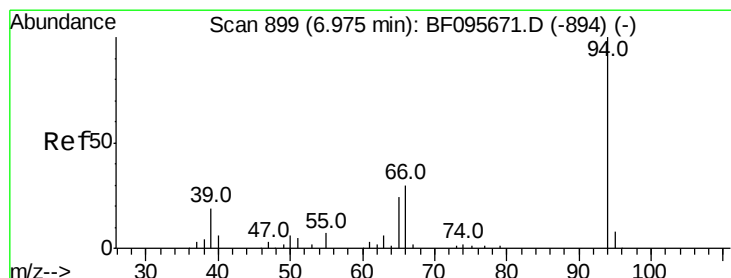
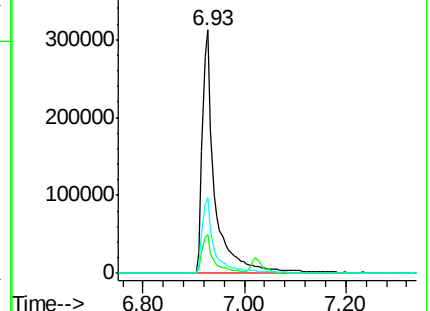
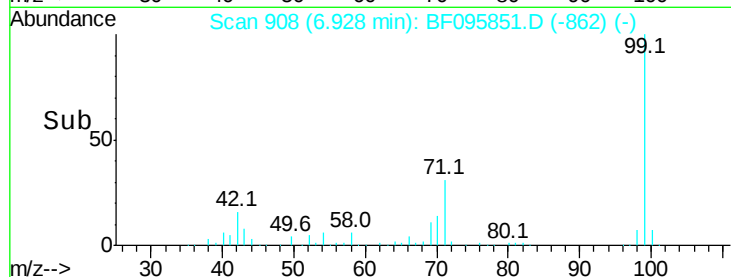
71 31.3 24.5 36.7



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



#10

Phenol

Concen: 2.48 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095851.D

Acq: 10 Jun 2017 16:58

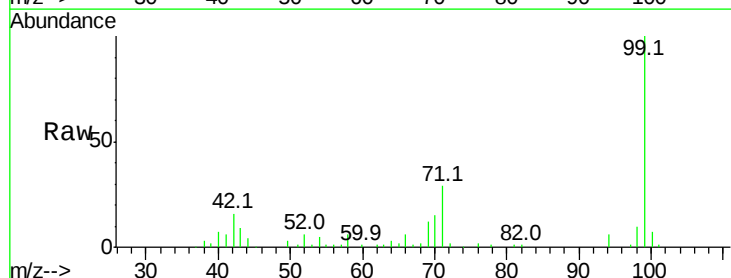
Tgt Ion: 94 Resp: 10715

Ion Ratio Lower Upper

94 100

65 37.1 9.9 49.9

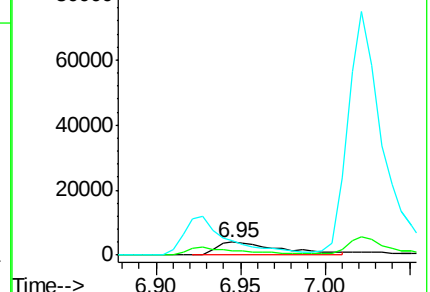
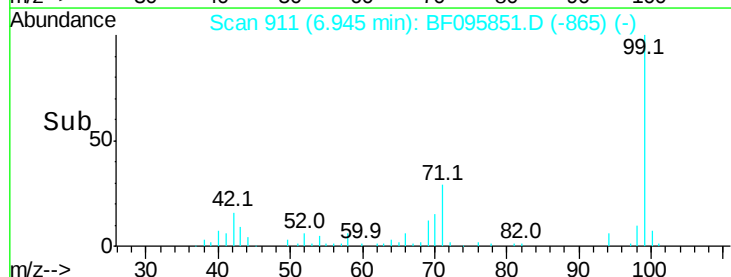
66 111.4 23.1 63.1#

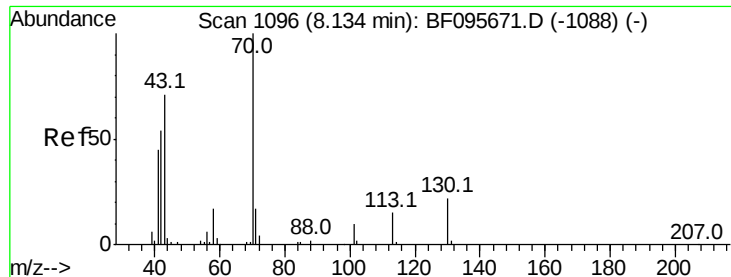


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

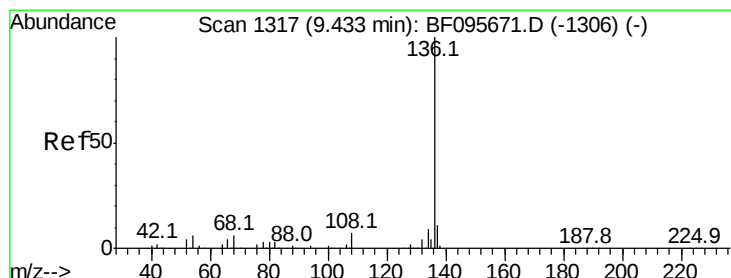
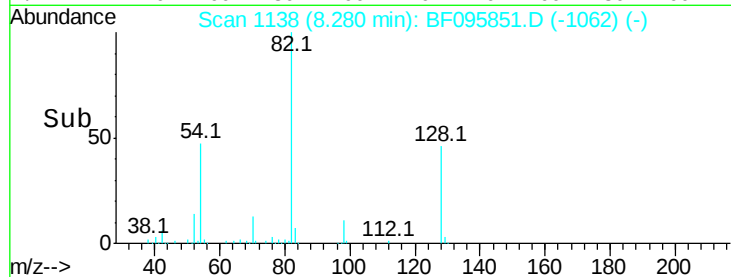
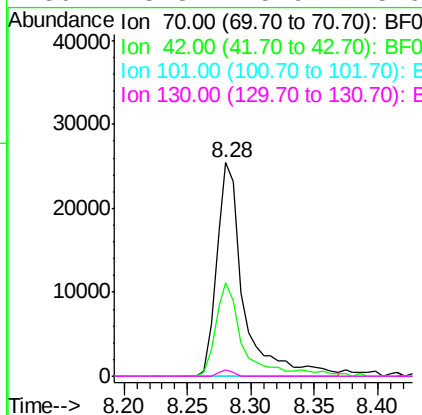
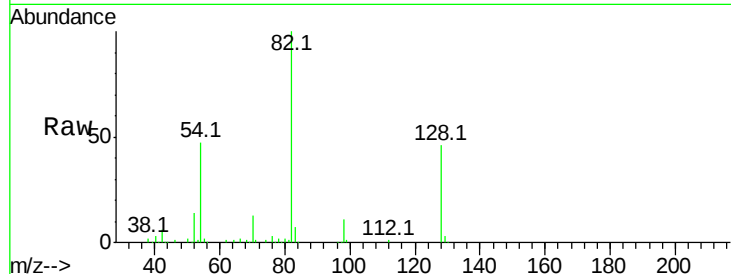




#19
n-Nitroso-di-n-propylamine
Concen: 14.24 ng
RT: 8.28 min Scan# 1138
Delta R.T. 0.15 min
Lab File: BF095851.D
Acq: 10 Jun 2017 16:58

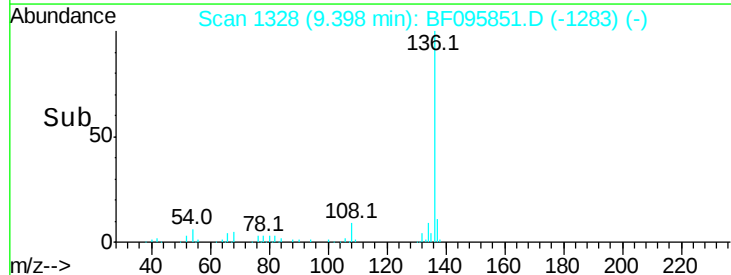
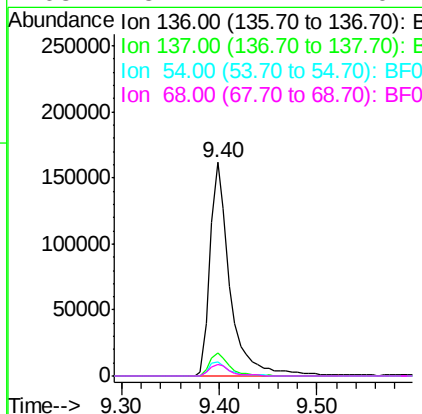
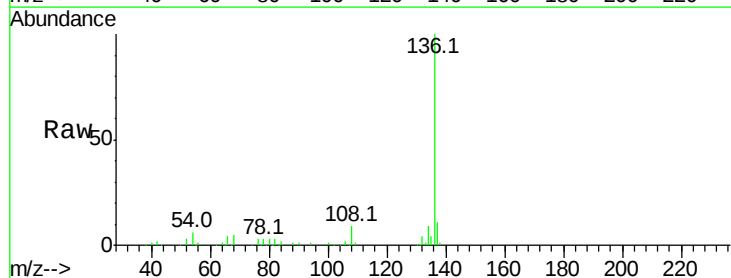
Instrument :
BNA_F
ClientSampleId :

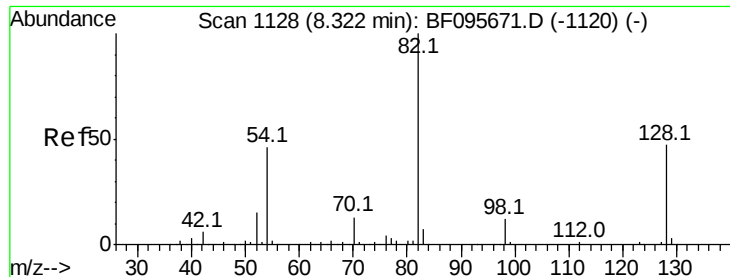
Tot Ion: 70 Resp: 37605
Ion Ratio Lower Upper
70 100
42 44.0 47.2 70.8#
101 0.0 7.2 10.8#
130 3.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095851.D
Acq: 10 Jun 2017 16:58

Tgt Ion: 136 Resp: 231683
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 6.4 4.9 7.3
68 5.4 4.1 6.1

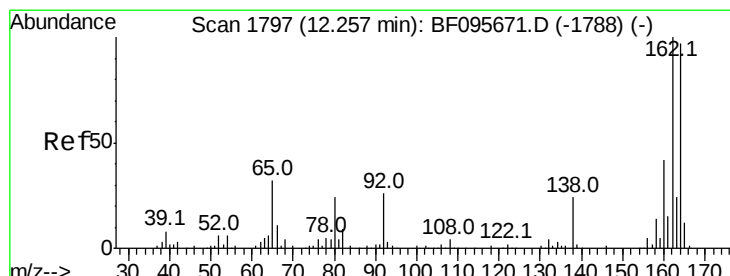
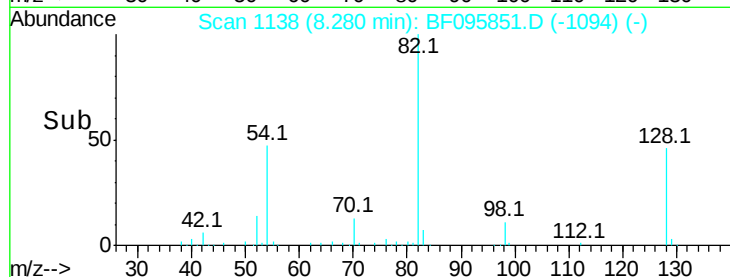
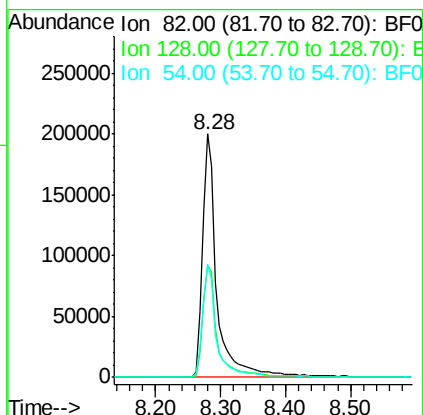
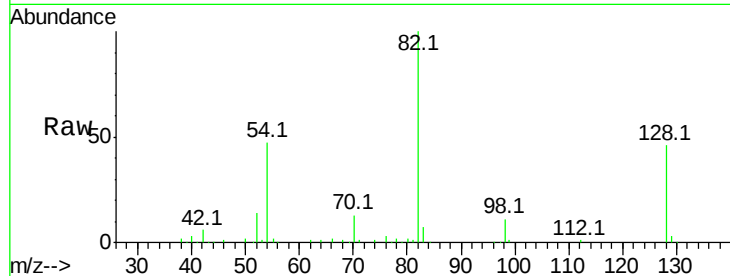




#23
Nitrobenzene-d5
Concen: 82.61 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095851.D
Acq: 10 Jun 2017 16:58

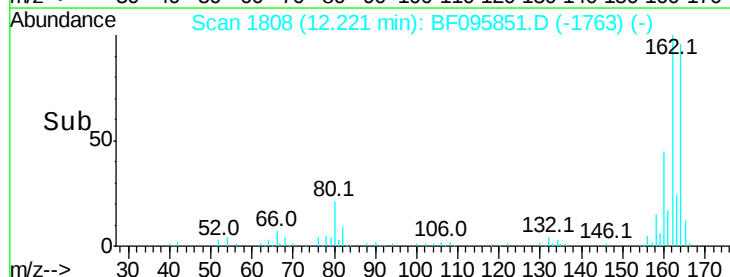
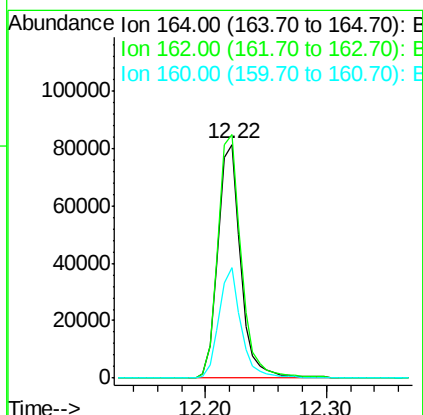
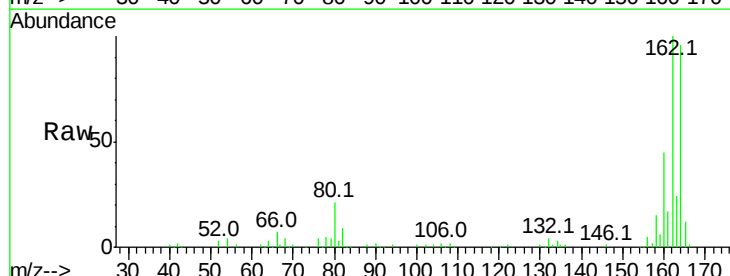
Instrument :
BNA_F
ClientSampleId :

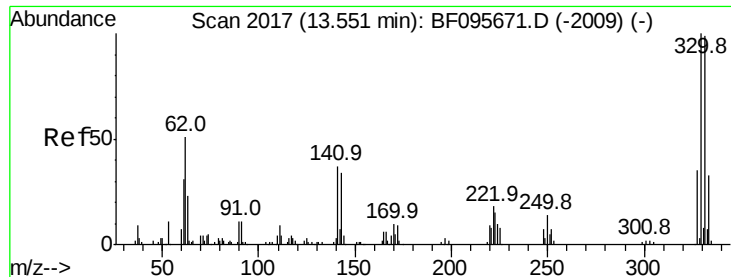
Tot Ion: 82 Resp: 308164
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 46.6 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095851.D
Acq: 10 Jun 2017 16:58

Tgt Ion:164 Resp: 106019
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 47.4 36.2 54.2

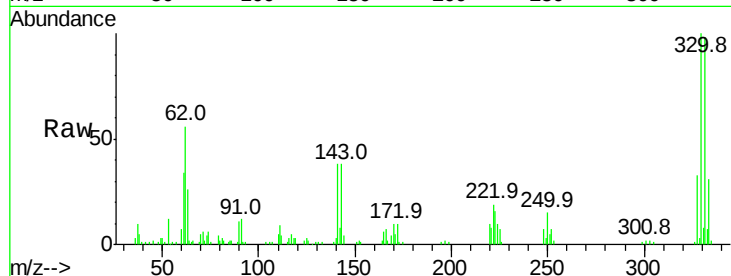




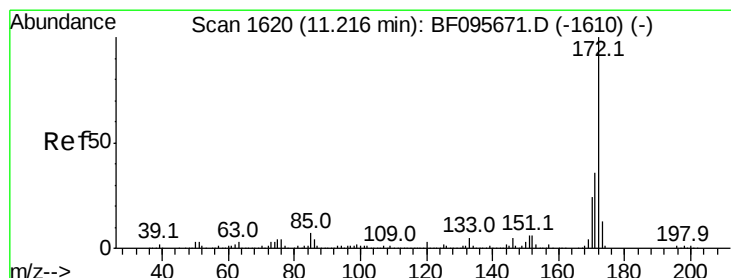
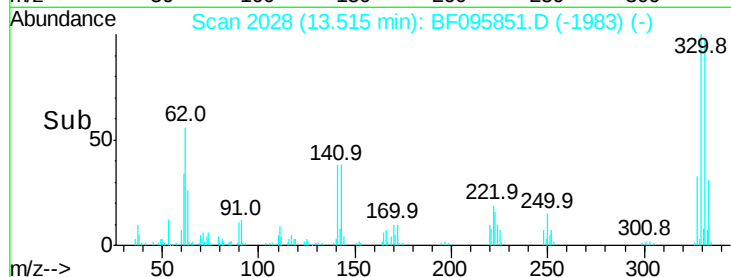
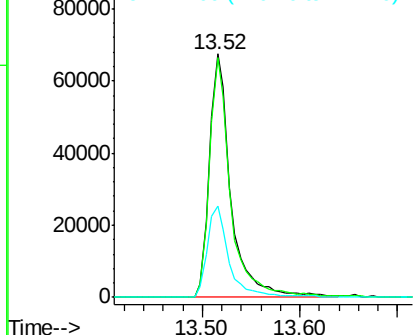
#41
 2,4,6-Tribromophenol
 Concen: 110.39 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095851.D
 Acq: 10 Jun 2017 16:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 103550
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 38.0 31.4 47.2

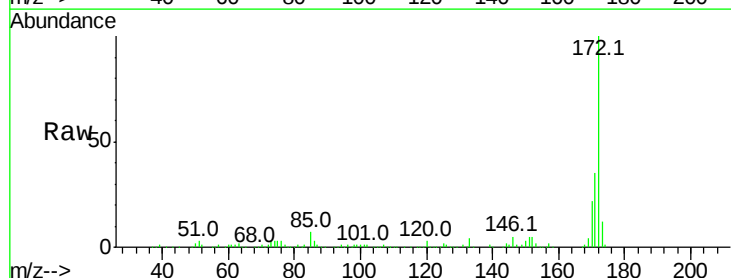


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

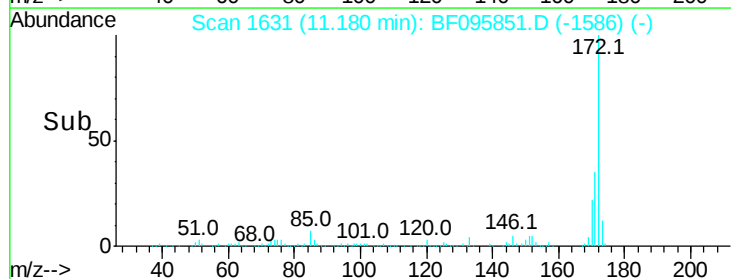
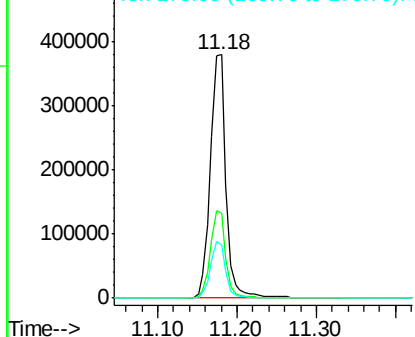


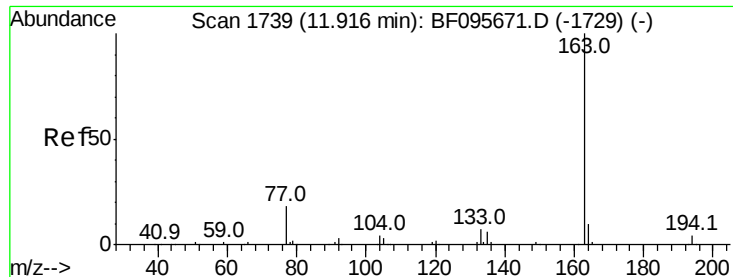
#44
 2-Fluorobiphenyl
 Concen: 68.47 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095851.D
 Acq: 10 Jun 2017 16:58

Tgt Ion:172 Resp: 521628
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 22.0 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

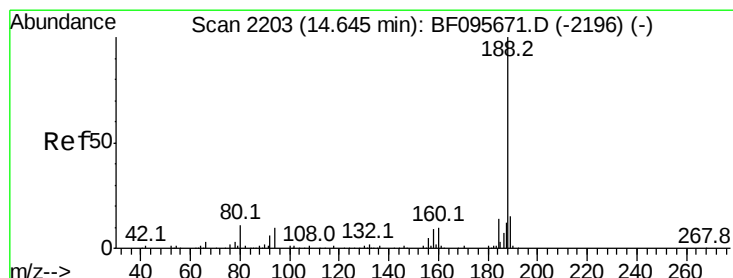
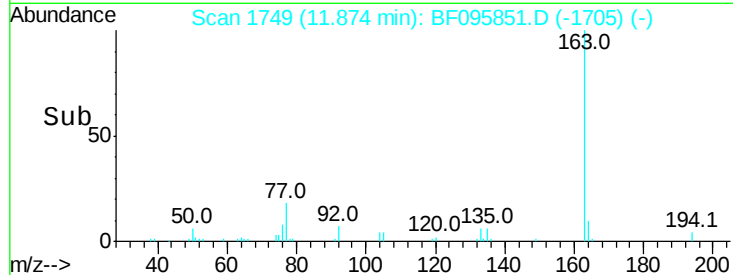
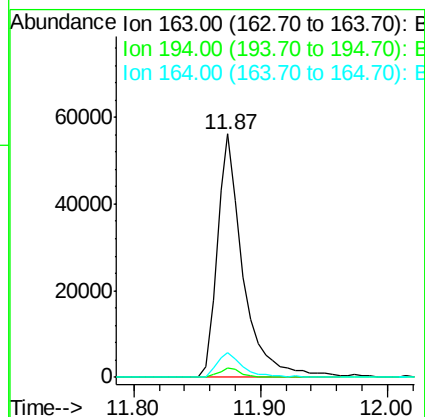
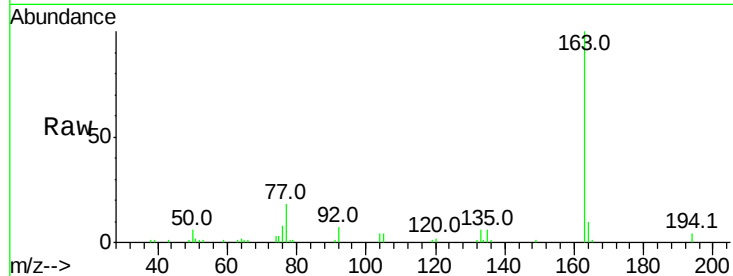




#49
Dimethylphthalate
Concen: 9.90 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095851.D
Acq: 10 Jun 2017 16:58

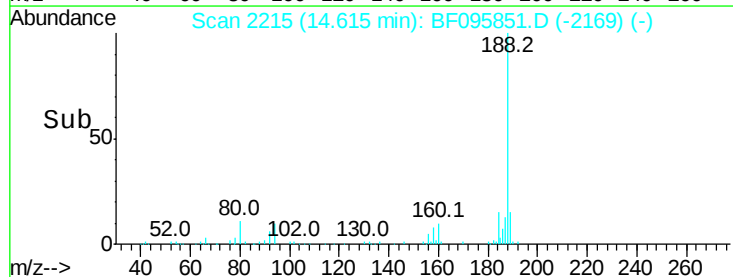
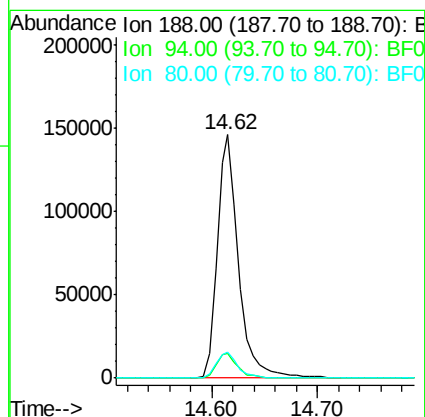
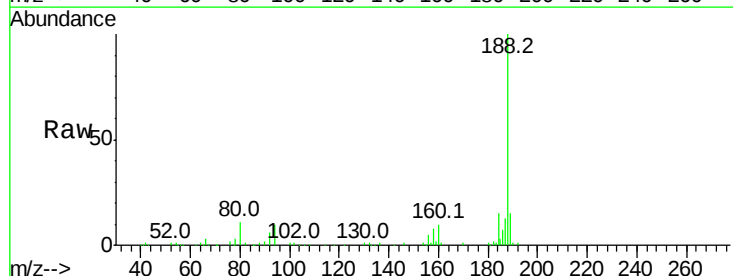
Instrument :
BNA_F
ClientSampleId :

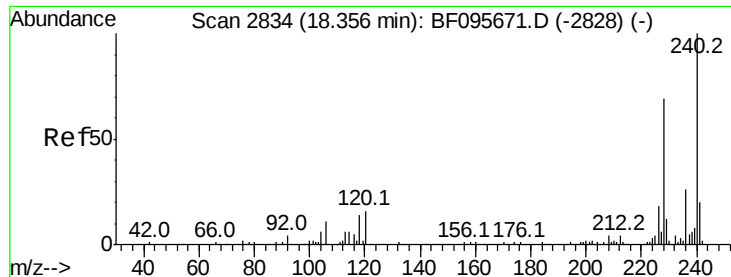
Tot Ion:163 Resp: 79730
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.3 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095851.D
Acq: 10 Jun 2017 16:58

Tgt Ion:188 Resp: 206115
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.6 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095851.D

Acq: 10 Jun 2017 16:58

Instrument :

BNA_F

ClientSampleId :

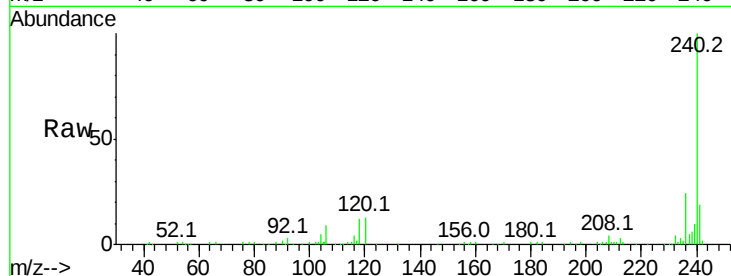
Tot Ion:240 Resp: 183488

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

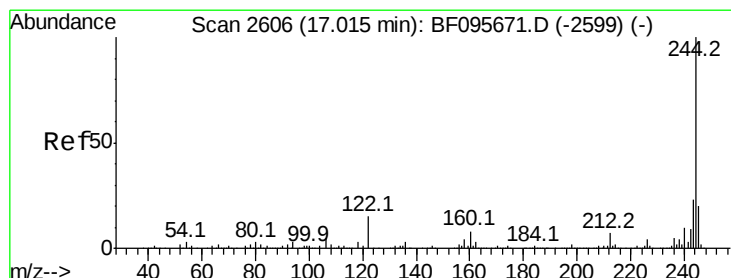
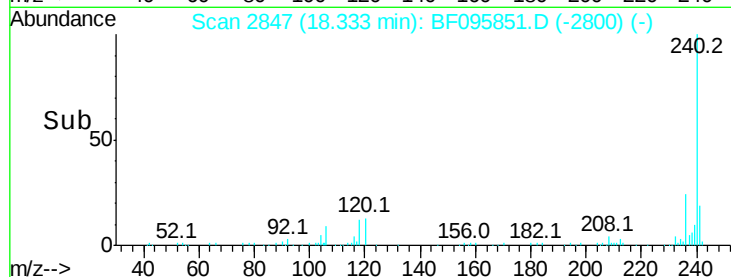
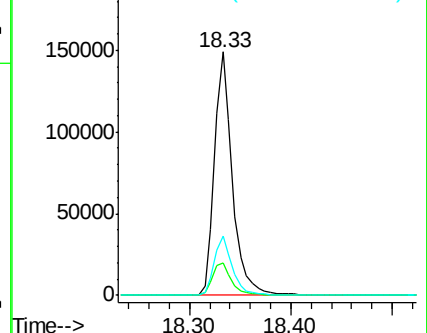
236 24.4 20.5 30.7



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: 61.62 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095851.D

Acq: 10 Jun 2017 16:58

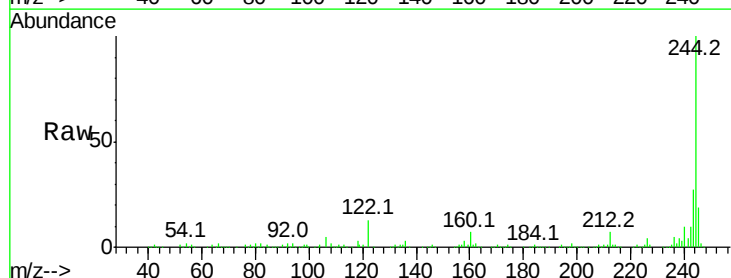
Tgt Ion:244 Resp: 455609

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

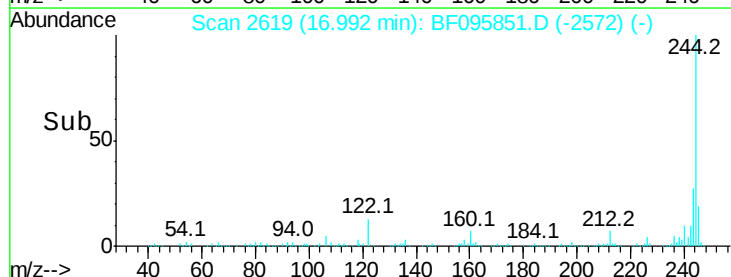
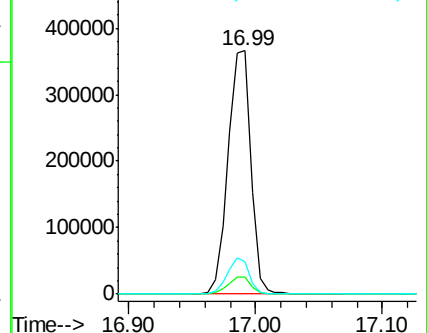
122 13.2 10.3 15.5

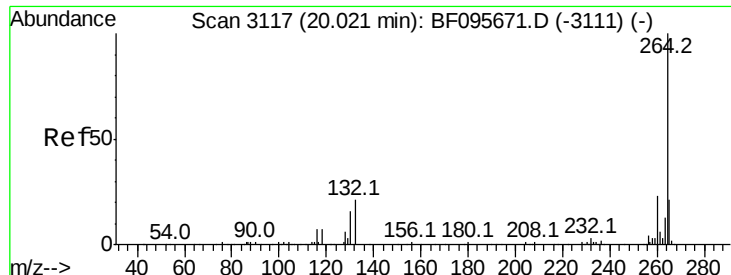


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

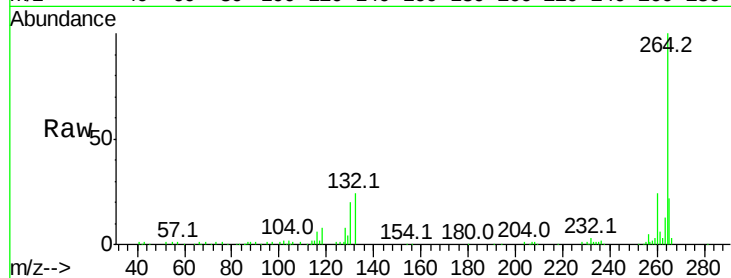




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095851.D
 Acq: 10 Jun 2017 16:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	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

