

Data File : BF095833.D
Acq On : 9 Jun 2017 21:30
Operator : SJ/MA
Sample : I3575-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-A

Quant Time: Jun 10 02:27:24 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	71476	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	291788	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	131182	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	245659	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	197063	20.00	ng	-0.02
86) Perylene-d12	20.00	264	137089	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	419815	93.59	ng	-0.03
7) Phenol-d6	6.92	99	523619	97.51	ng	-0.04
23) Nitrobenzene-d5	8.28	82	290679	61.87	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	109277	94.15	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	582706	61.81	ng	-0.04
78) Terphenyl-d14	16.99	244	525864	66.23	ng	-0.02
Target Compounds						
10) Phenol	6.95	94	11189	2.01	ng	Qvalue # 52
49) Dimethylphthalate	11.87	163	74373	7.47	ng	98

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

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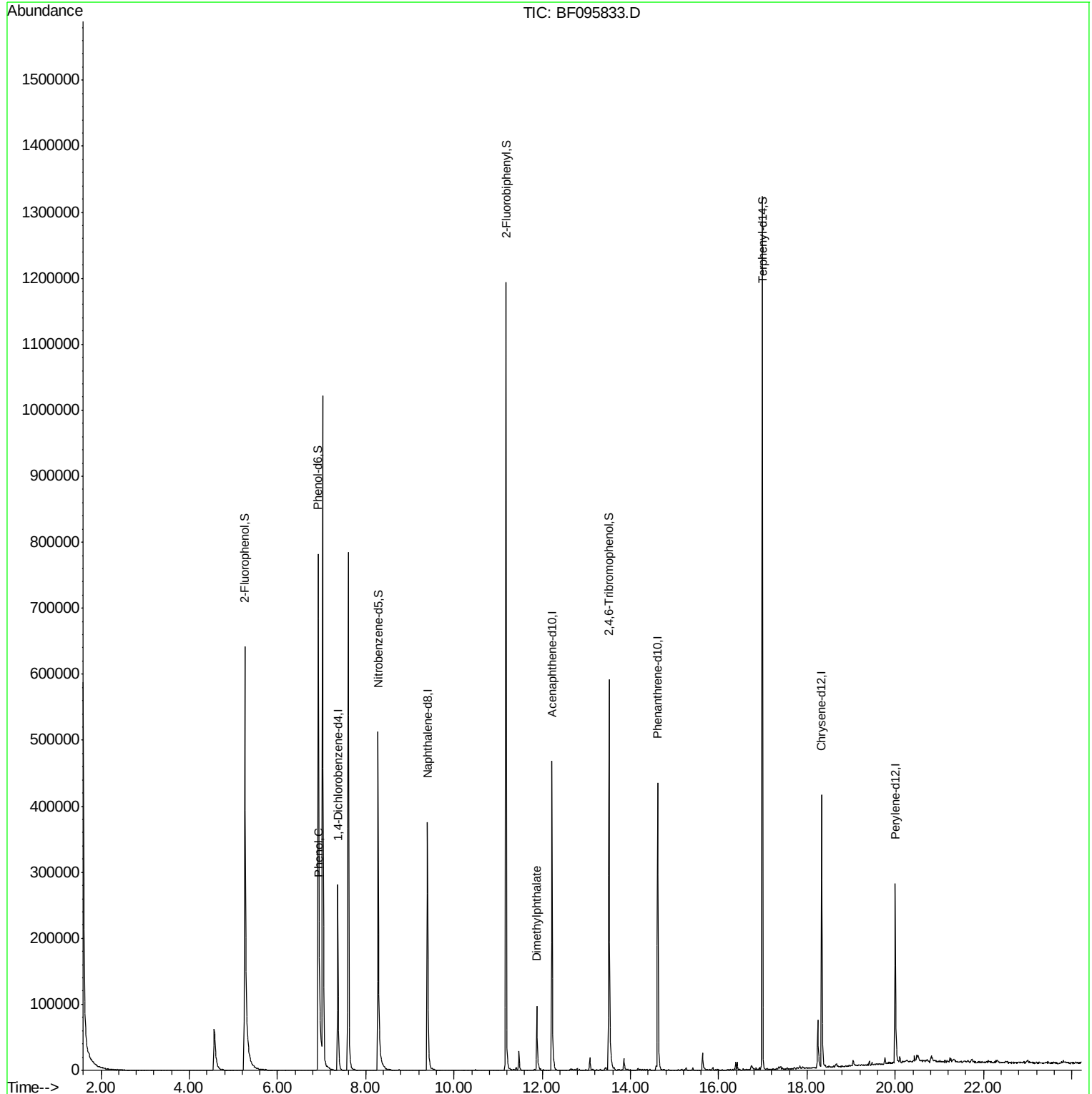
Quant Time: Jun 10 02:27:24 2017

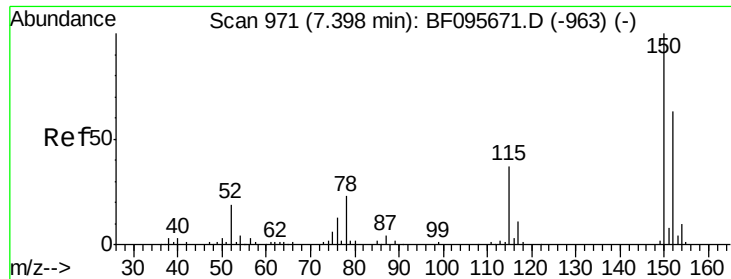
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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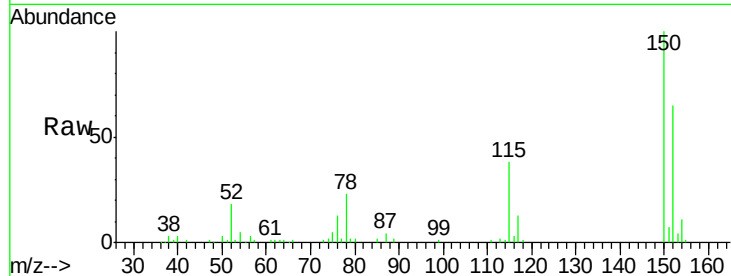


#1

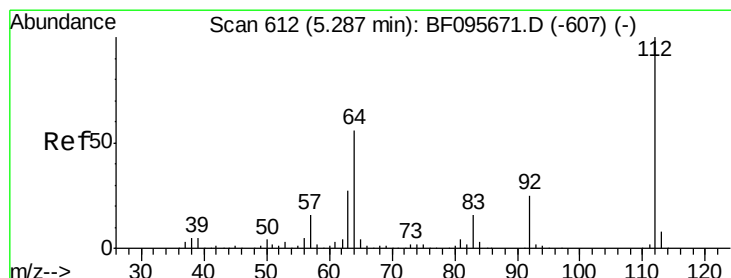
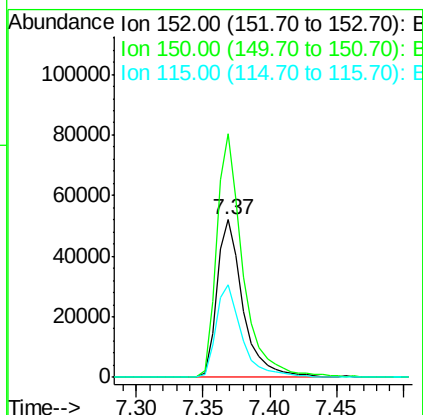
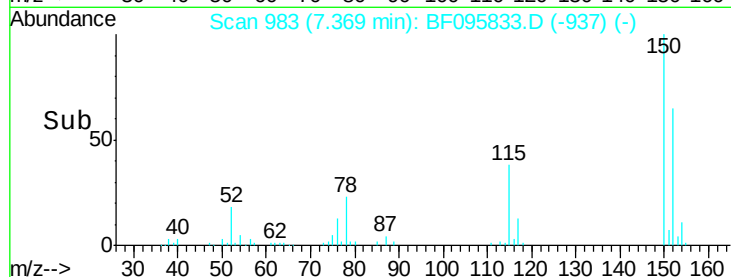
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.37 min Scan# 983
 Delta R.T. -0.03 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-060817-A

Tgt Ion:152 Resp: 71476
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.2 189.2
 115 58.4 52.2 78.2



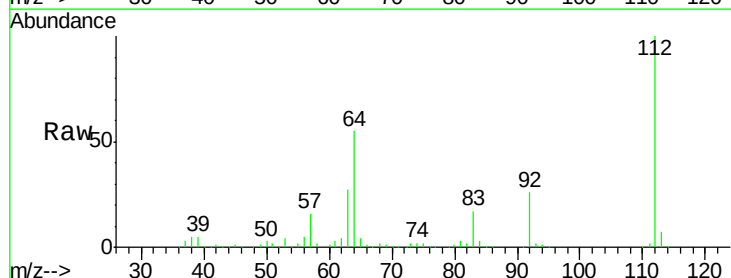
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



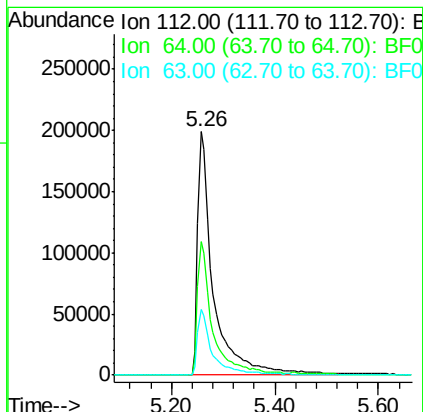
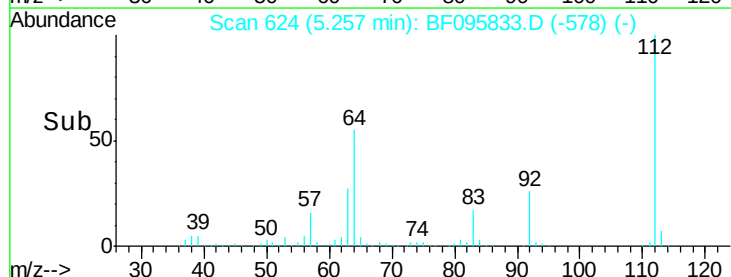
#5

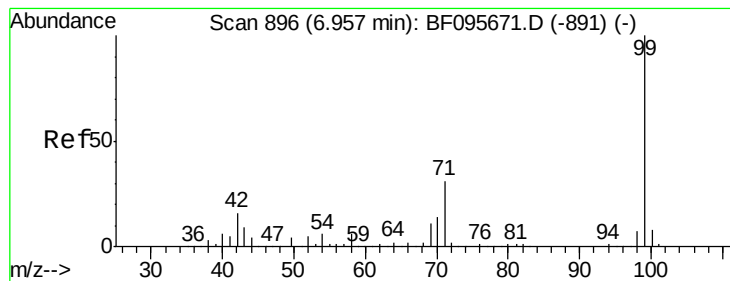
2-Fluorophenol
 Concen: 93.59 ng
 RT: 5.26 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

Tgt Ion:112 Resp: 419815
 Ion Ratio Lower Upper
 112 100
 64 54.8 46.0 69.0
 63 27.2 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: 97.51 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF095833.D

Acq: 9 Jun 2017 21:30

Instrument :

BNA_F

ClientSampleId :

HR-06-060817-A

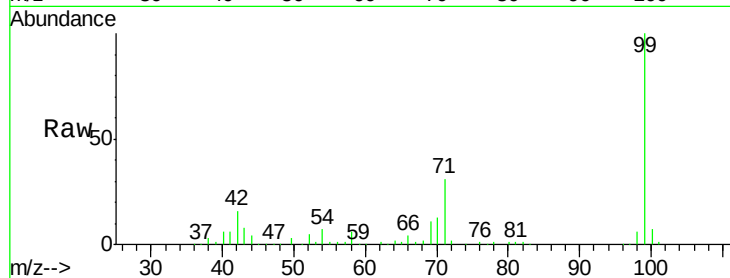
Tgt Ion: 99 Resp: 523619

Ion Ratio Lower Upper

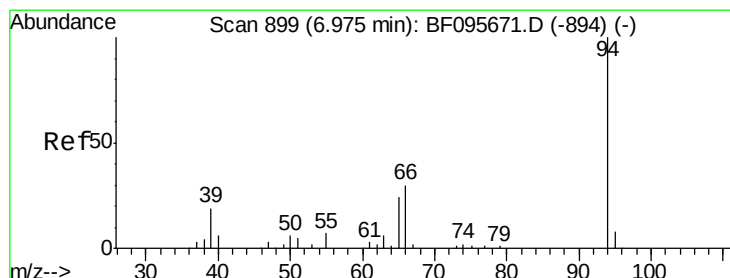
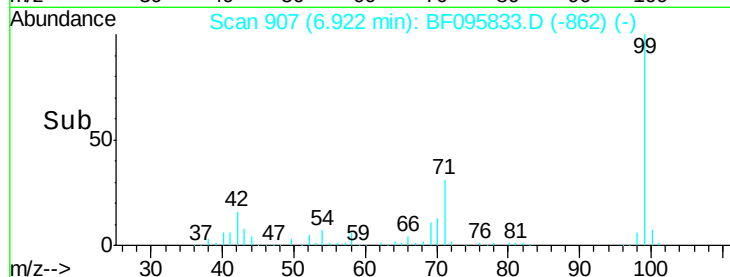
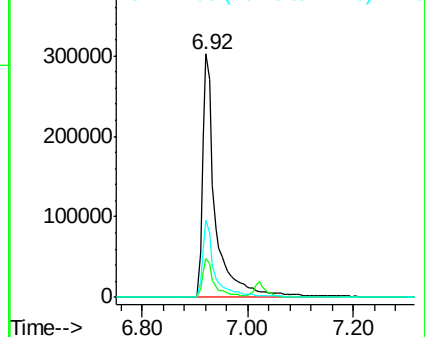
99 100

42 16.2 13.5 20.3

71 31.5 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: 2.01 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095833.D

Acq: 9 Jun 2017 21:30

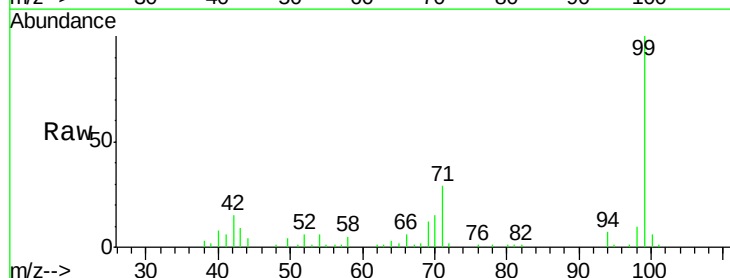
Tgt Ion: 94 Resp: 11189

Ion Ratio Lower Upper

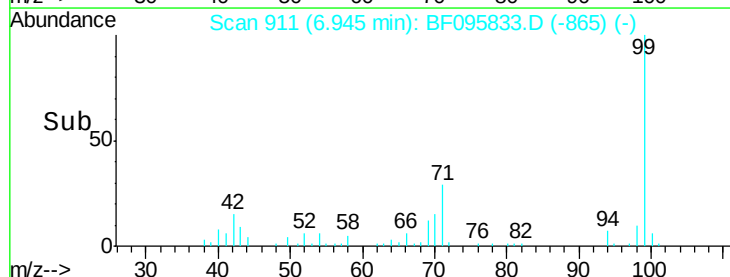
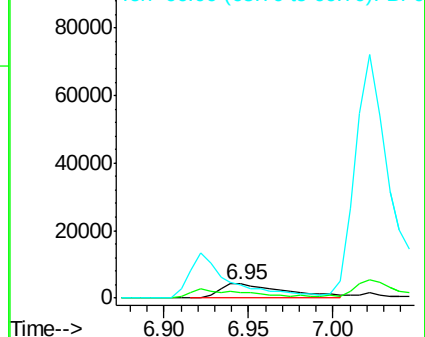
94 100

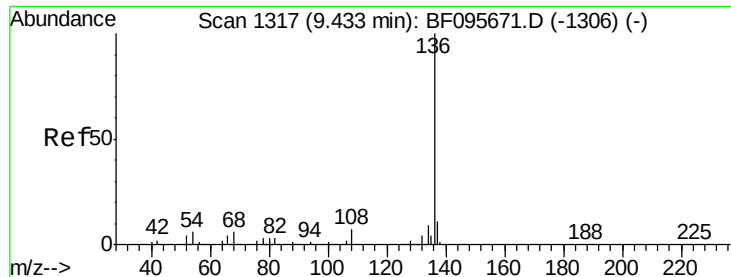
65 35.4 9.9 49.9

66 90.2 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

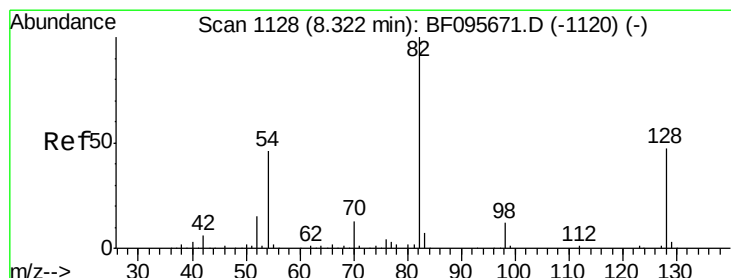
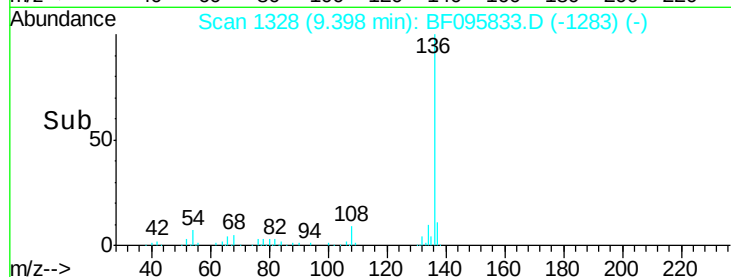
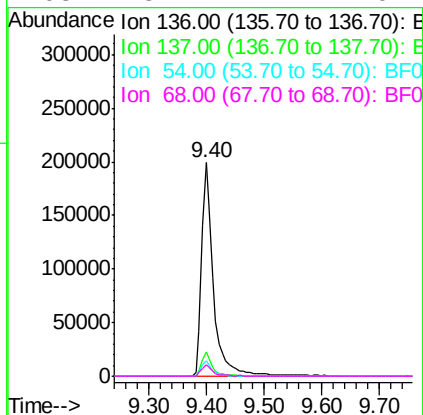
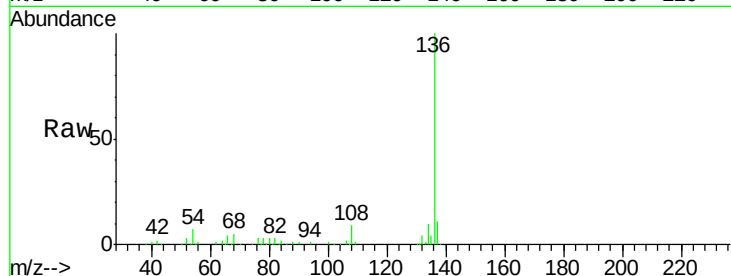




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095833.D
Acq: 9 Jun 2017 21:30

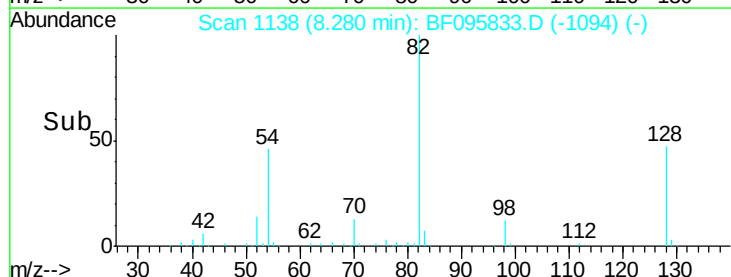
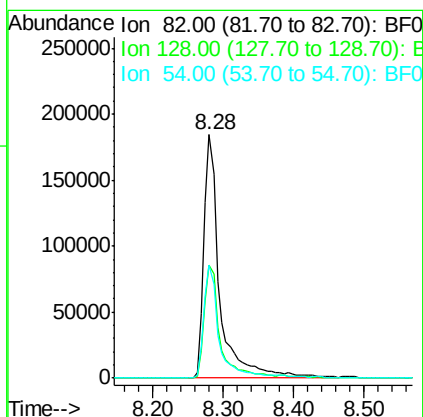
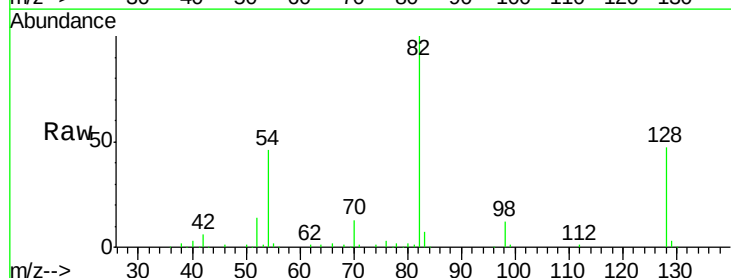
Instrument :
BNA_F
ClientSampleId :
HR-06-060817-A

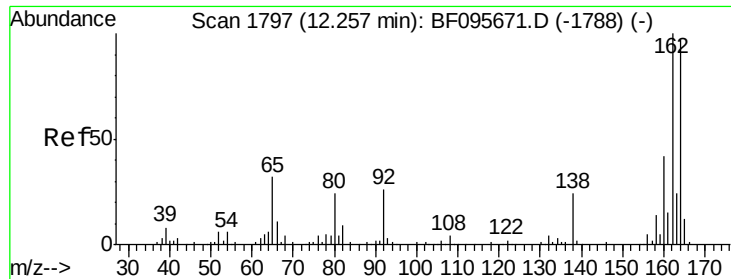
Tgt Ion:	136	Resp:	291788
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.3	4.9	7.3#
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 61.87 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095833.D
Acq: 9 Jun 2017 21:30

Tgt Ion:	82	Resp:	290679
Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	46.4	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: BF095833.D

Acq: 9 Jun 2017 21:30

Instrument :

BNA_F

ClientSampleId :

HR-06-060817-A

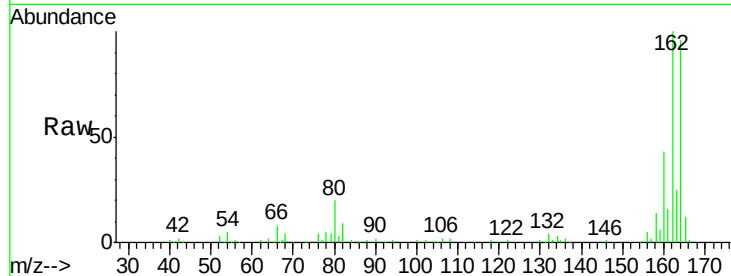
Tgt Ion:164 Resp: 131182

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

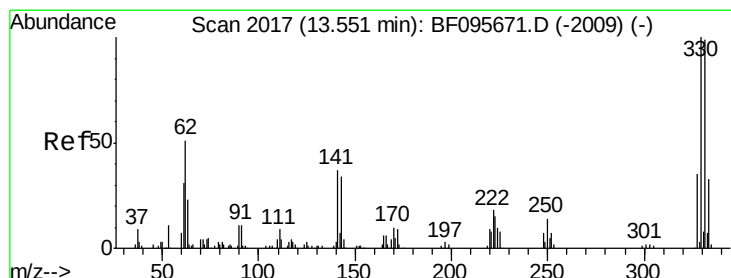
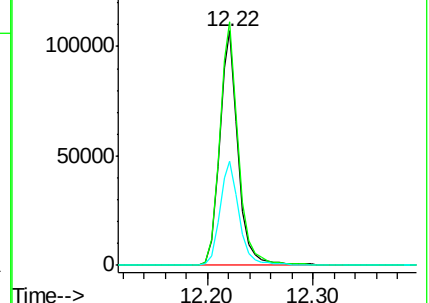
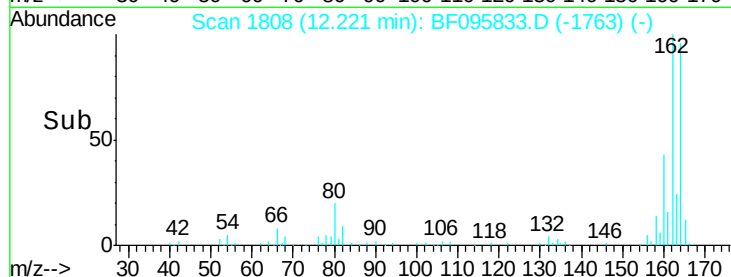
160 44.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 94.15 ng

RT: 13.52 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BF095833.D

Acq: 9 Jun 2017 21:30

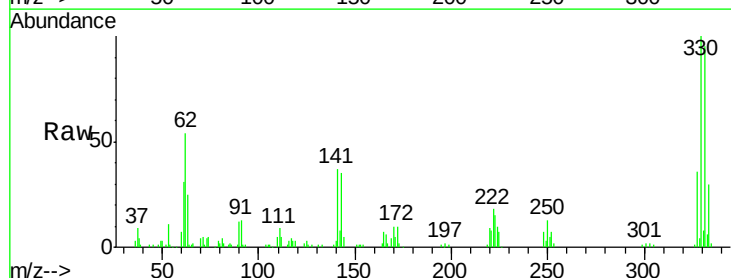
Tgt Ion:330 Resp: 109277

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

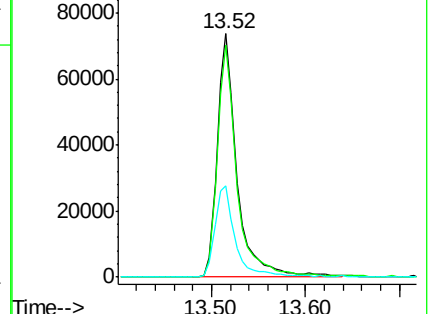
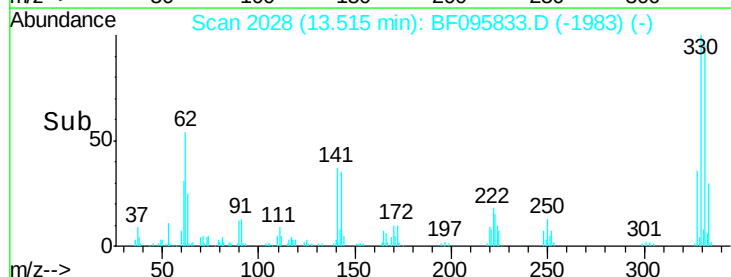
141 38.4 31.4 47.2

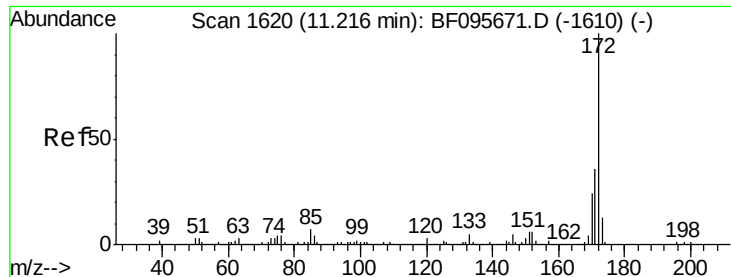


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

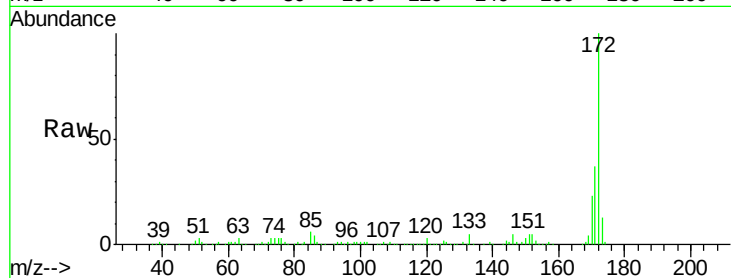




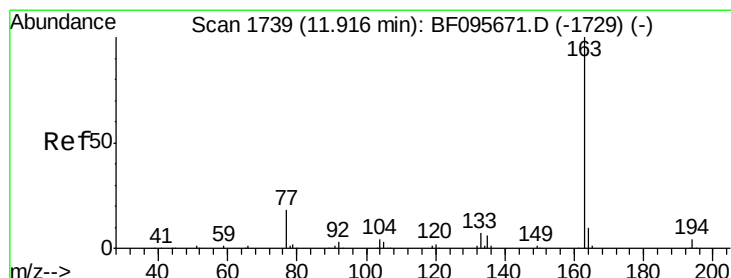
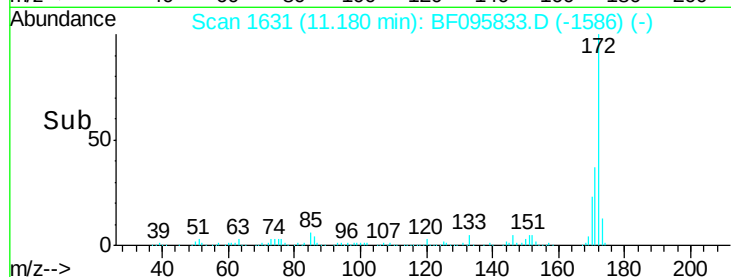
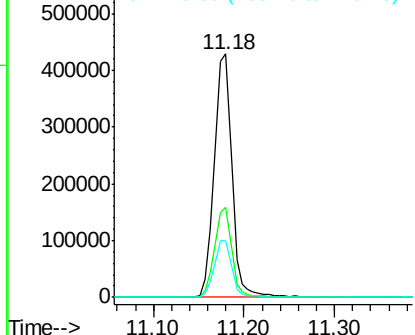
#44
2-Fluorobiphenyl
Concen: 61.81 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095833.D
Acq: 9 Jun 2017 21:30

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-A

Tgt Ion:172 Resp: 582706
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 23.2 19.8 29.8

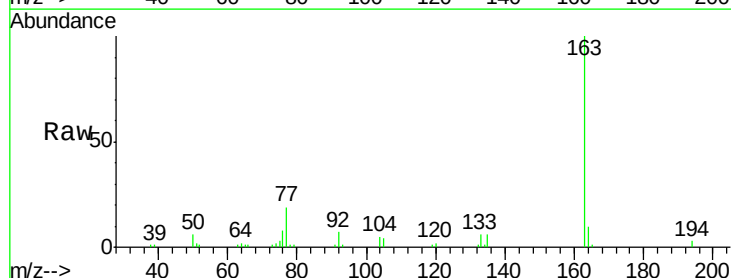


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

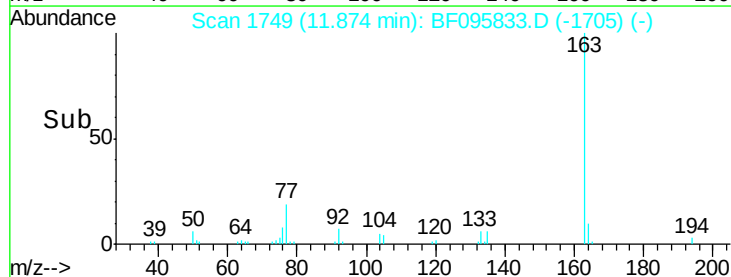
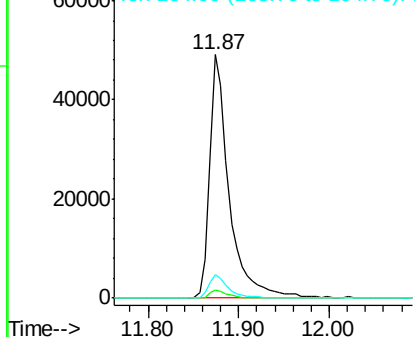


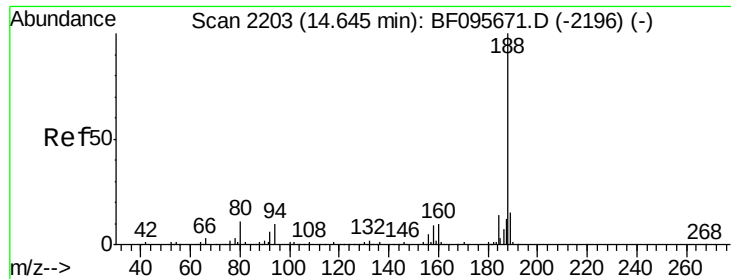
#49
Dimethylphthalate
Concen: 7.47 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095833.D
Acq: 9 Jun 2017 21:30

Tgt Ion:163 Resp: 74373
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.8 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: 14.62 min Scan# 2215

Delta R.T. -0.03 min

Lab File: BF095833.D

Acq: 9 Jun 2017 21:30

Instrument :

BNA_F

ClientSampleId :

HR-06-060817-A

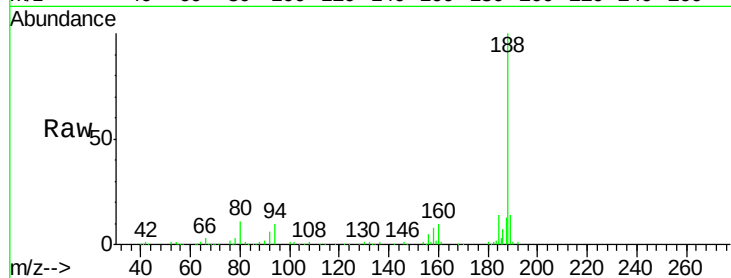
Tgt Ion:188 Resp: 245659

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

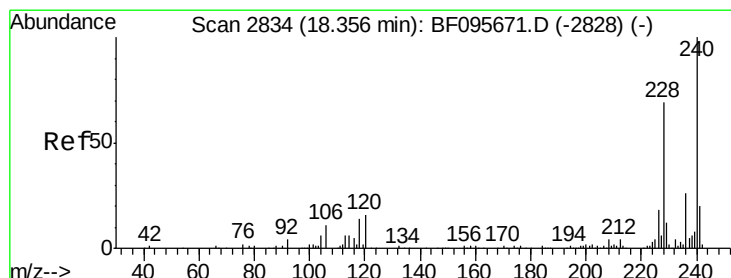
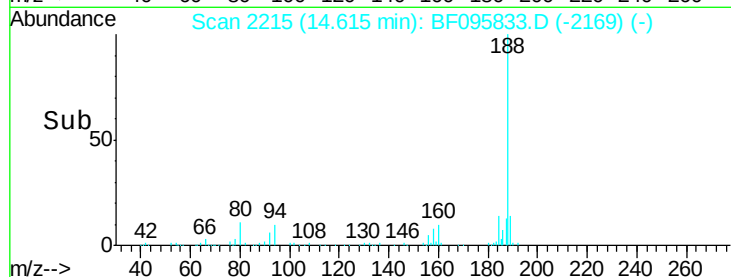
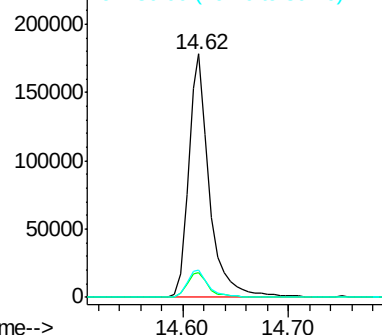
80 11.1 10.2 15.2



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: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095833.D

Acq: 9 Jun 2017 21:30

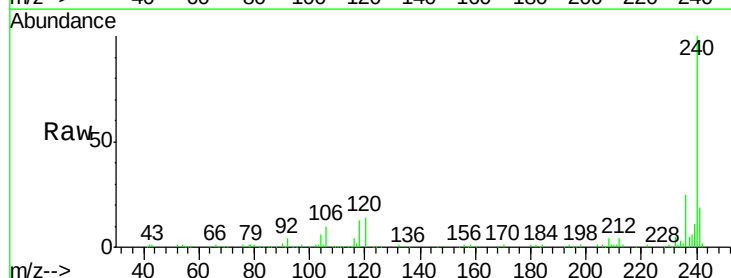
Tgt Ion:240 Resp: 197063

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

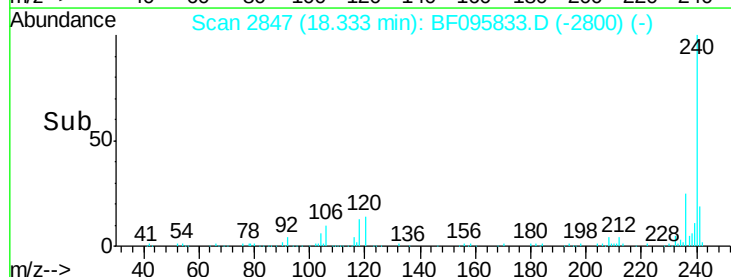
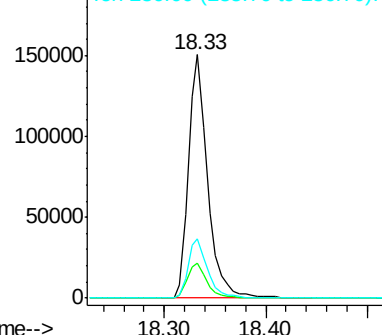
236 24.6 20.5 30.7

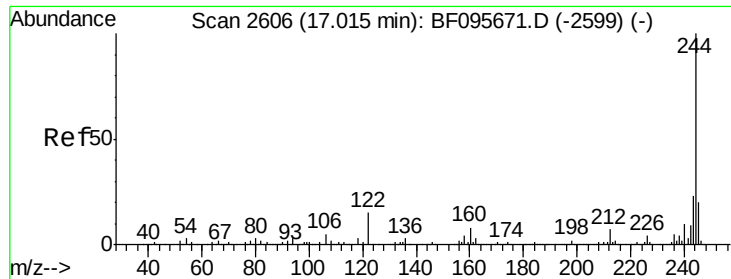


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

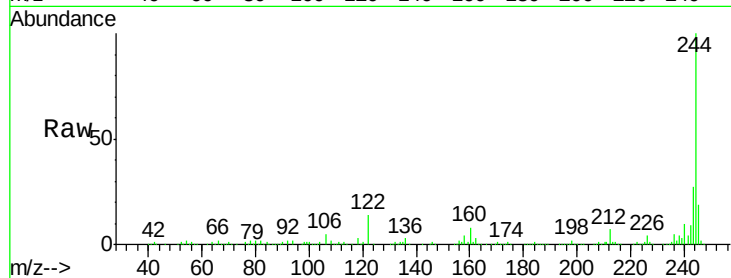




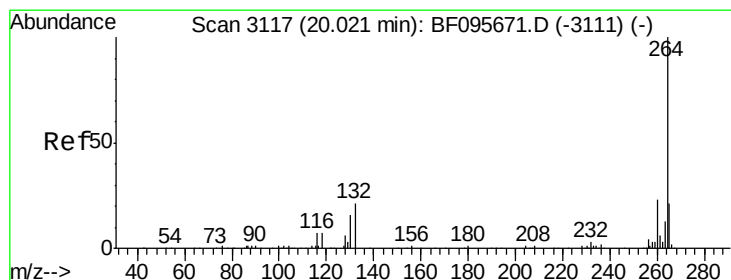
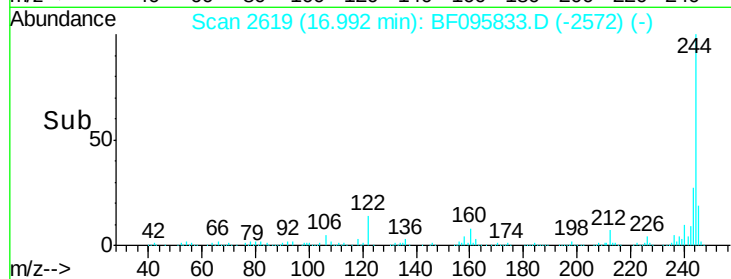
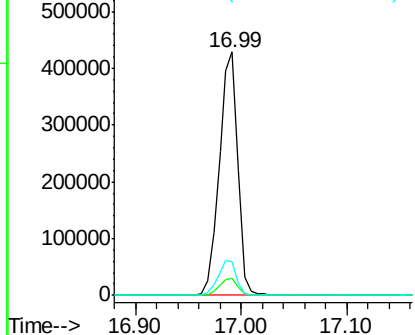
#78
 Terphenyl-d14
 Concen: 66.23 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-060817-A

Tgt Ion:244 Resp: 525864
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5

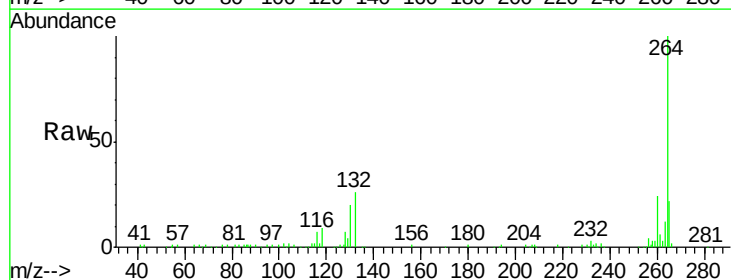


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

Tgt Ion:264 Resp: 137089
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.9 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

