

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099079.D
 Acq On : 4 Oct 2017 21:00
 Operator : SJ/JU
 Sample : I5616-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-SP-A-COMP

Quant Time: Oct 05 05:16:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

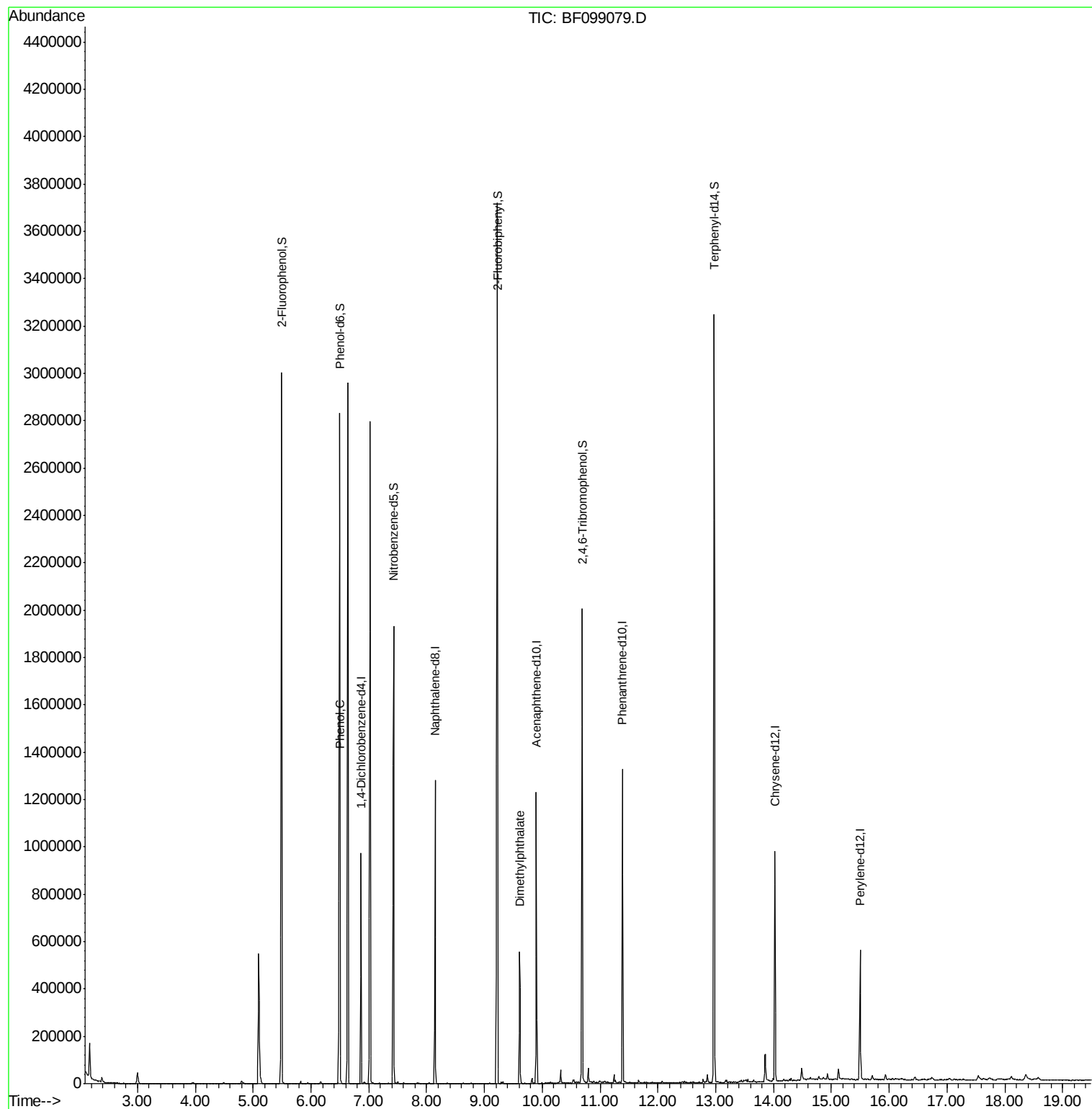
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132680	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	544260	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	247774	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	439813	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	301374	20.00	ng	-0.06
86) Perylene-d12	15.50	264	226749	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	975719	117.07	ng	-0.05
7) Phenol-d6	6.50	99	1173987	114.18	ng	-0.05
23) Nitrobenzene-d5	7.43	82	713546	84.08	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	246116	121.39	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1250238	84.24	ng	-0.06
78) Terphenyl-d14	12.97	244	1105675	83.44	ng	-0.06
Target Compounds						
10) Phenol	6.51	94	28744	2.500	ng	90
49) Dimethylphthalate	9.61	163	213338	11.408	ng	99

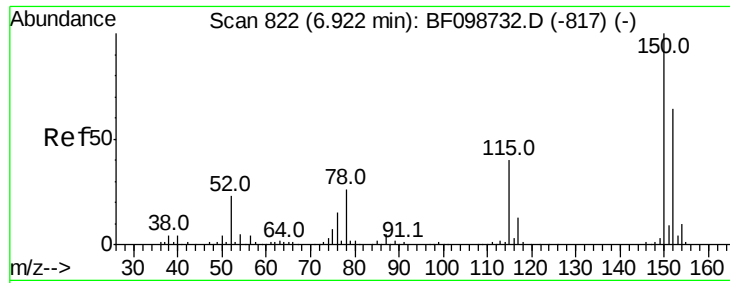
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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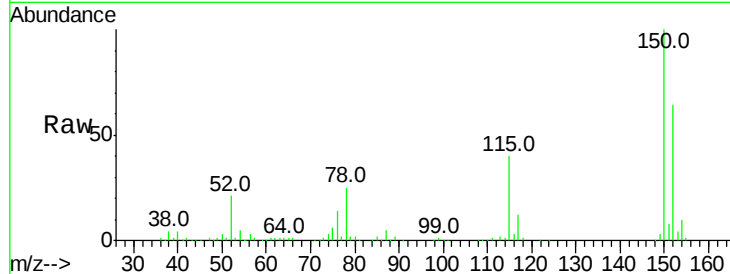


#1

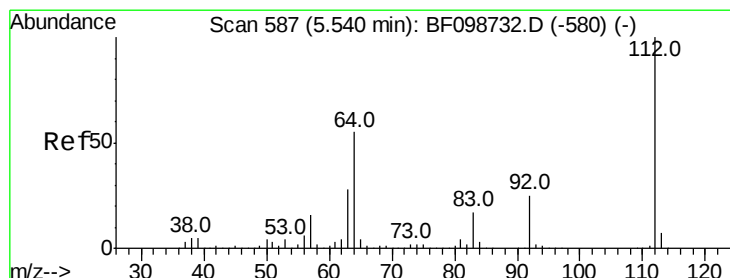
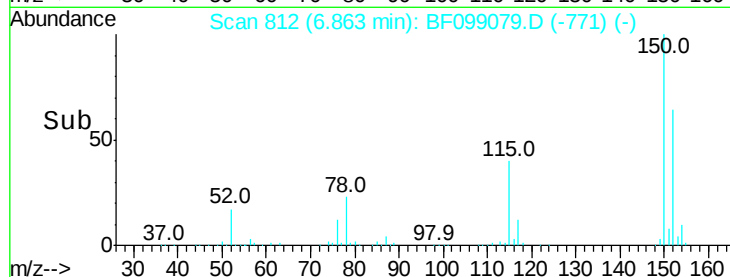
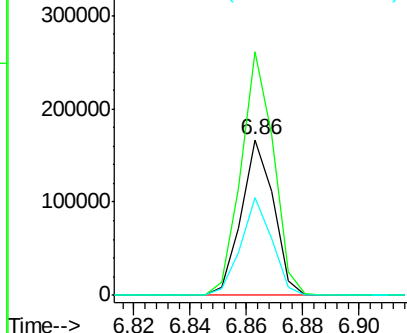
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF099079.D
 Acq: 4 Oct 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 STONE-SP-A-COMP

Tot Ion:152 Resp: 132680
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 63.1 50.1 75.1



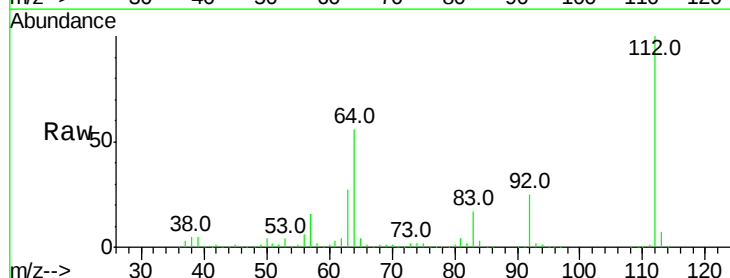
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



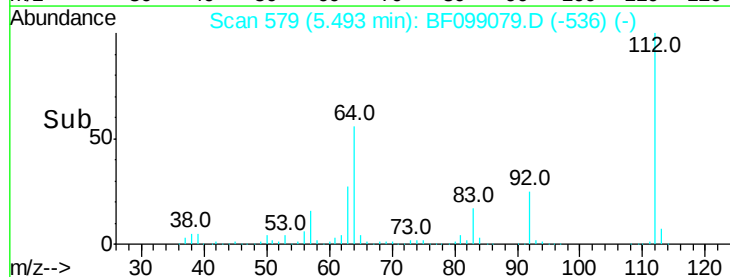
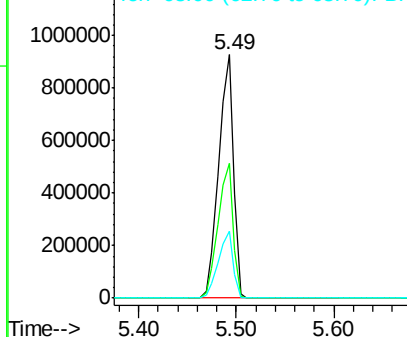
#5

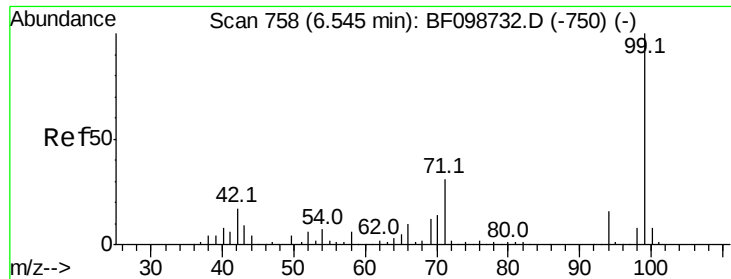
2-Fluorophenol
 Concen: 117.067 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.05 min
 Lab File: BF099079.D
 Acq: 4 Oct 2017 21:00

Tgt Ion:112 Resp: 975719
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 27.3 23.7 35.5



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: 114.181 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099079.D

Acq: 4 Oct 2017 21:00

Instrument :

BNA_F

ClientSampleId :

STONE-SP-A-COMP

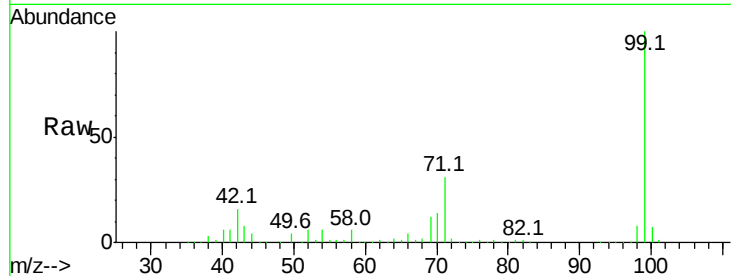
Tot Ion: 99 Resp: 1173987

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

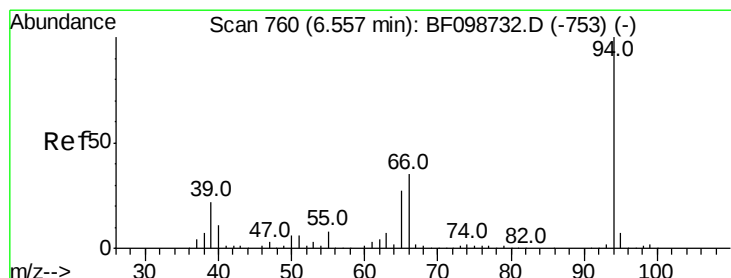
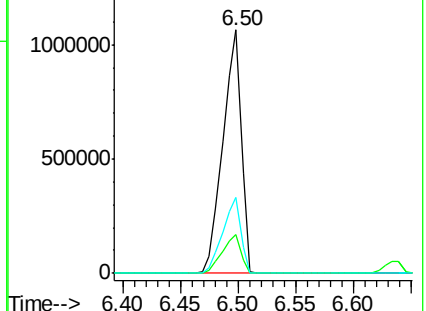
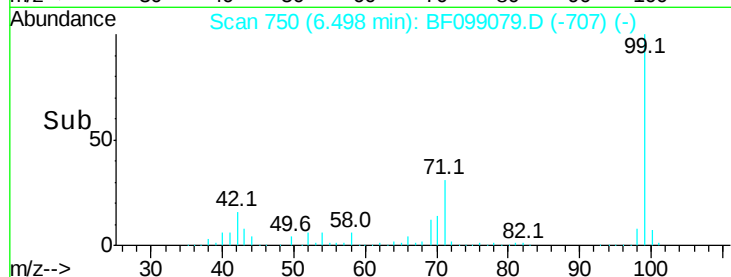
71 31.1 25.4 38.0



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: 2.500 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.05 min

Lab File: BF099079.D

Acq: 4 Oct 2017 21:00

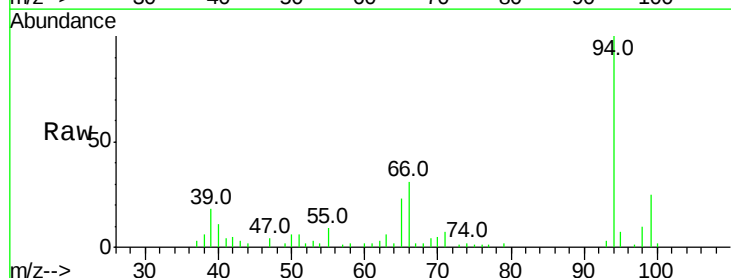
Tgt Ion: 94 Resp: 28744

Ion Ratio Lower Upper

94 100

65 22.7 7.9 47.9

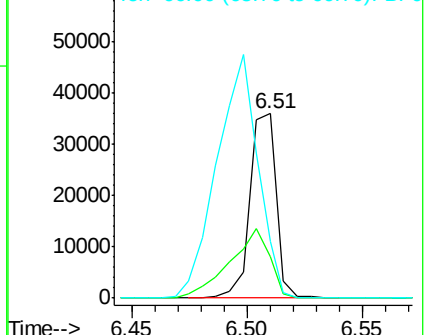
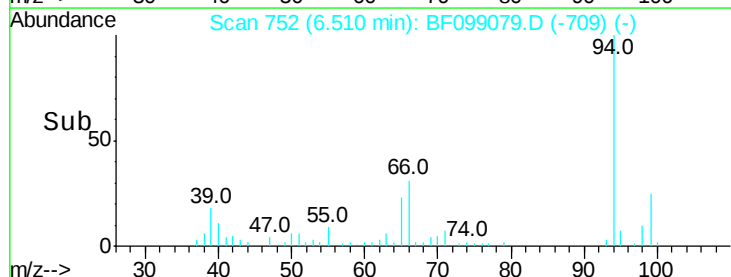
66 30.7 16.2 56.2

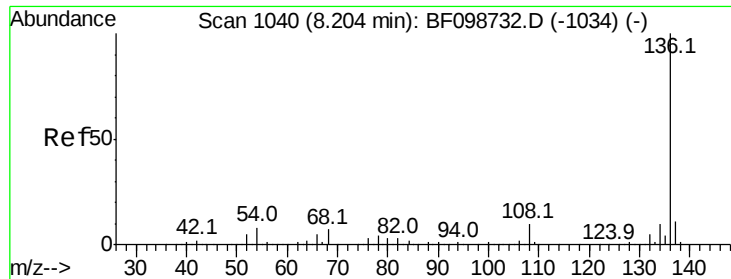


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

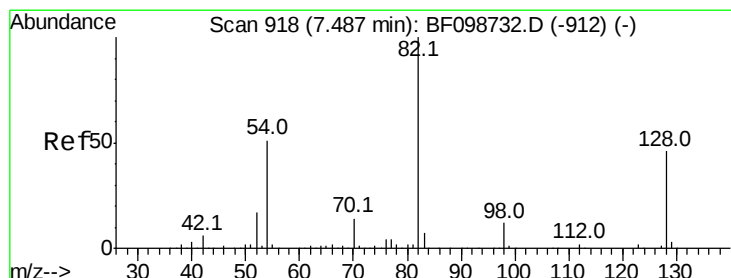
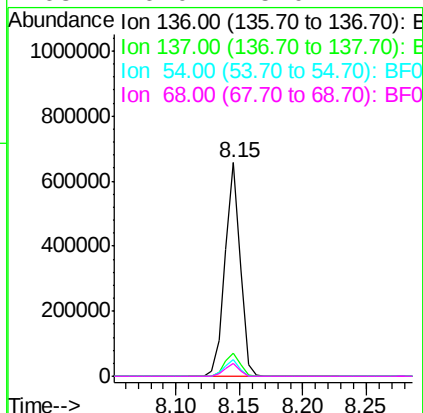
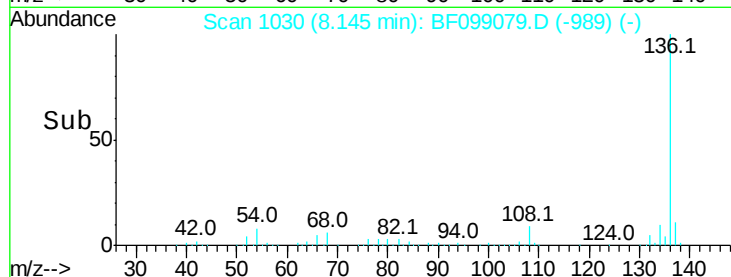
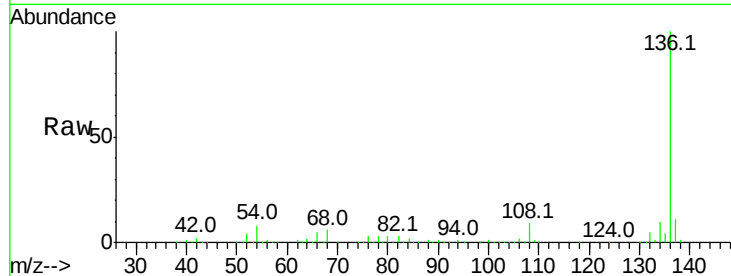




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

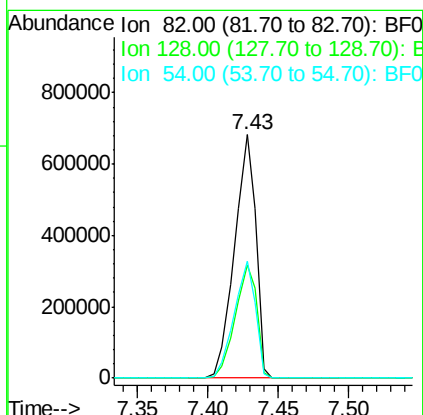
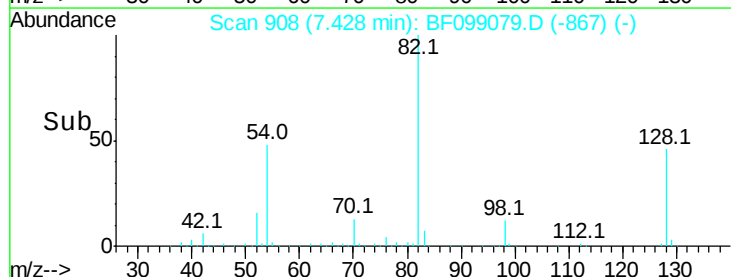
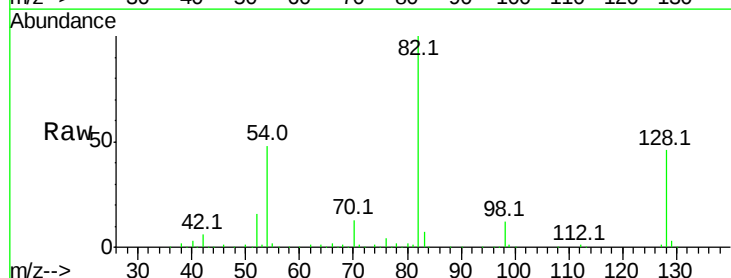
Instrument :
BNA_F
ClientSampleId :
STONE-SP-A-COMP

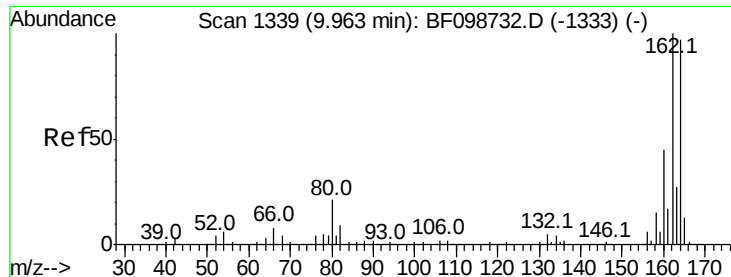
Tot Ion:	136	Resp:	544260
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.077 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Tgt Ion:	82	Resp:	713546
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	48.1	41.4	62.2

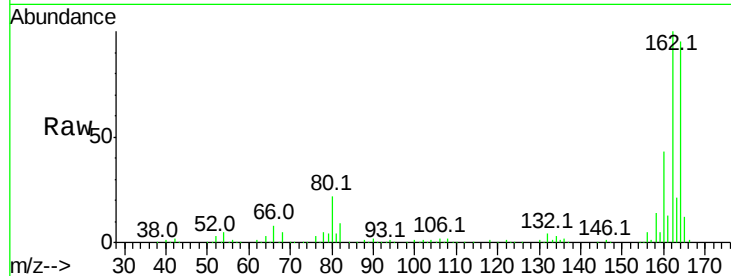




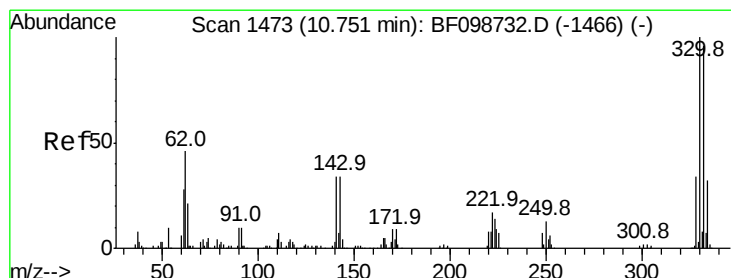
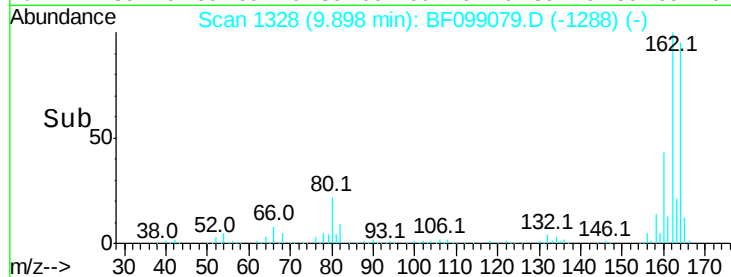
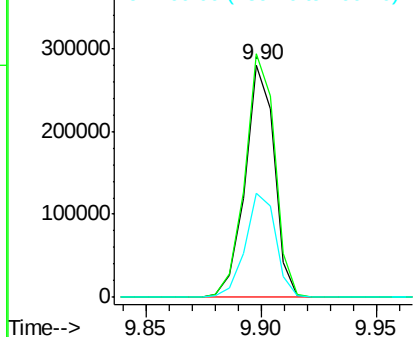
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.06 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Instrument :
BNA_F
ClientSampleId :
STONE-SP-A-COMP

Tot Ion:164 Resp: 247774
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 44.6 38.3 57.5

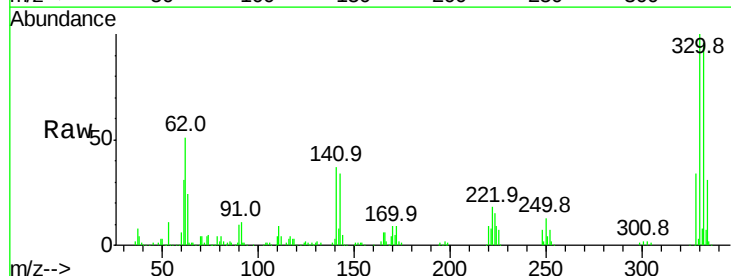


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

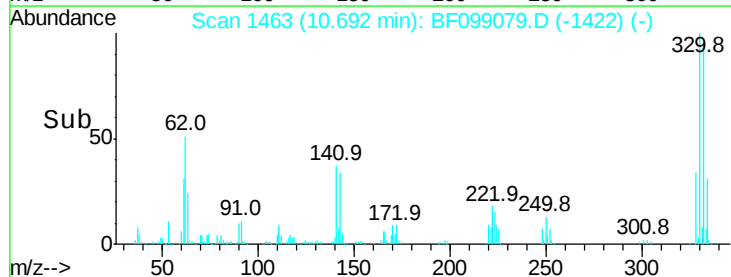
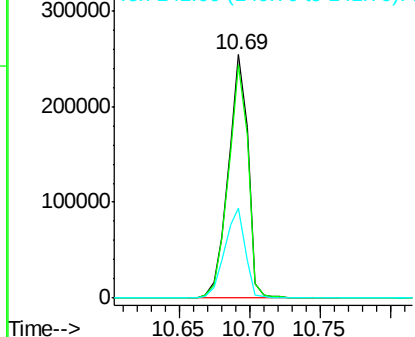


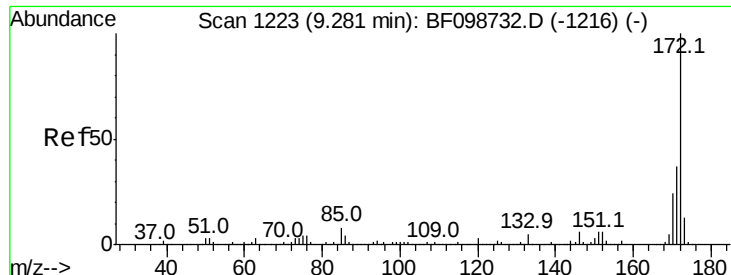
#41
2,4,6-Tribromophenol
Concen: 121.391 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Tgt Ion:330 Resp: 246116
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 38.6 29.9 44.9



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

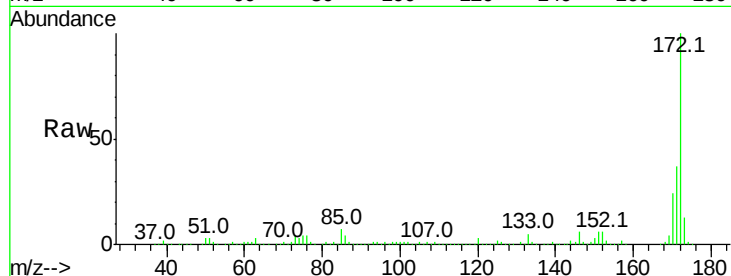




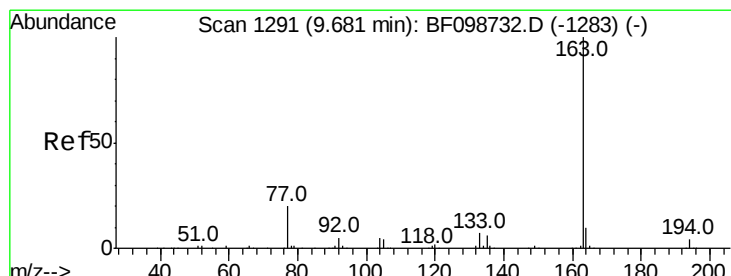
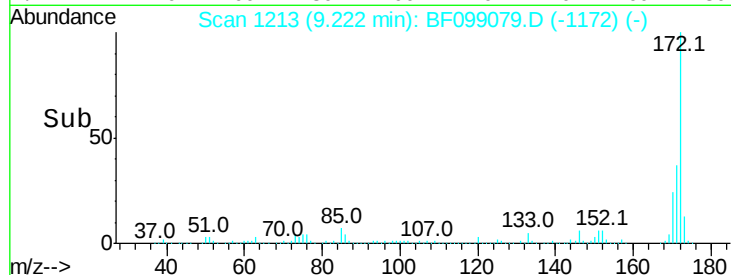
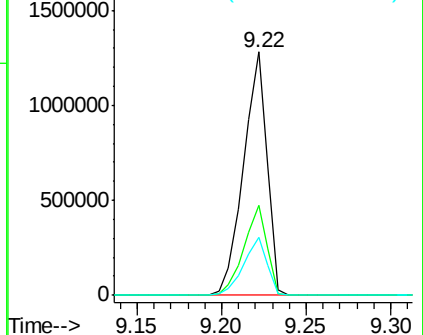
#44
2-Fluorobiphenyl
Concen: 84.237 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.06 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Instrument :
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ClientSampleId :
STONE-SP-A-COMP

Tot Ion:172 Resp: 1250238
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 23.8 19.6 29.4

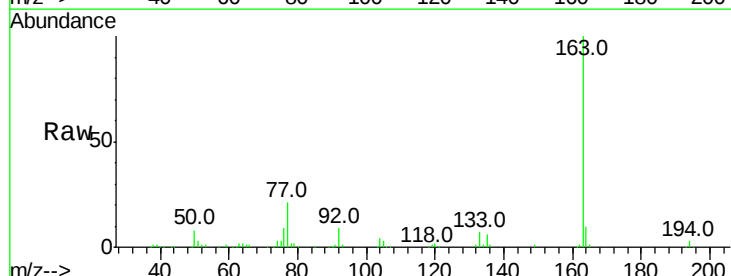


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

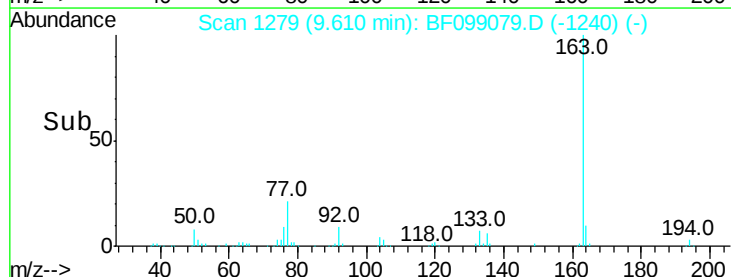
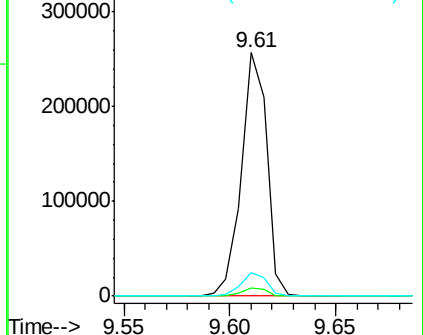


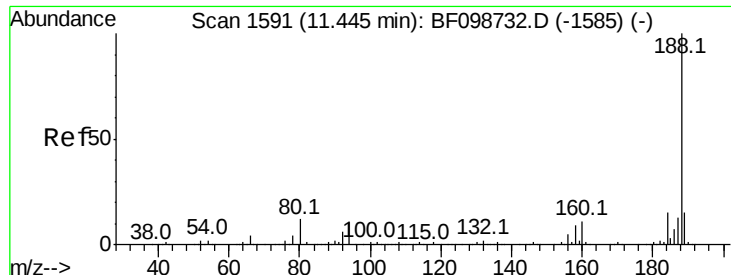
#49
Dimethylphthalate
Concen: 11.408 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Tgt Ion:163 Resp: 213338
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 8.2 12.2



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

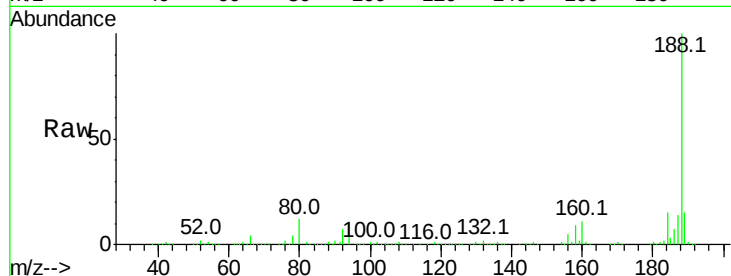




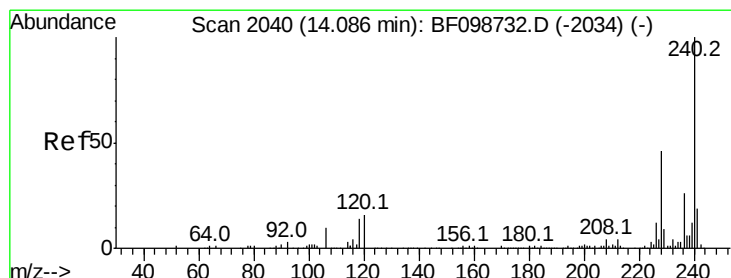
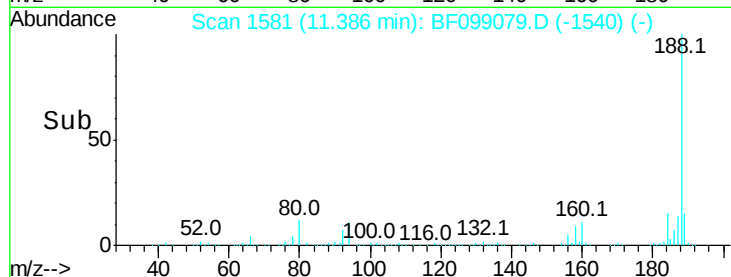
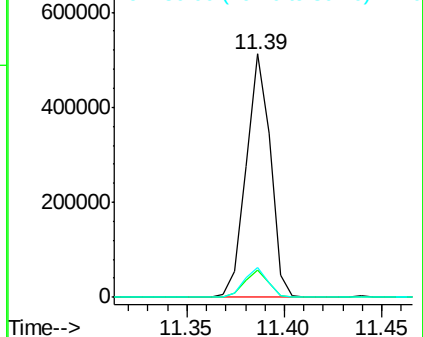
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Instrument :
BNA_F
ClientSampleId :
STONE-SP-A-COMP

Tot Ion:188 Resp: 439813
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.2 9.2 13.8

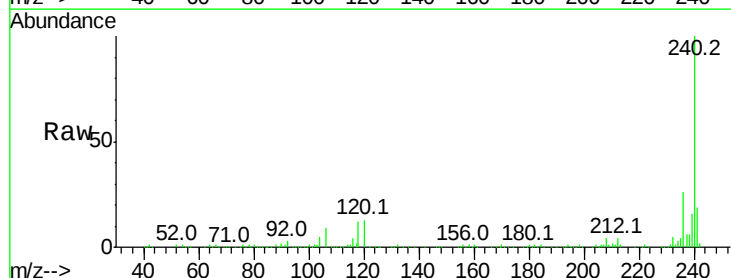


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

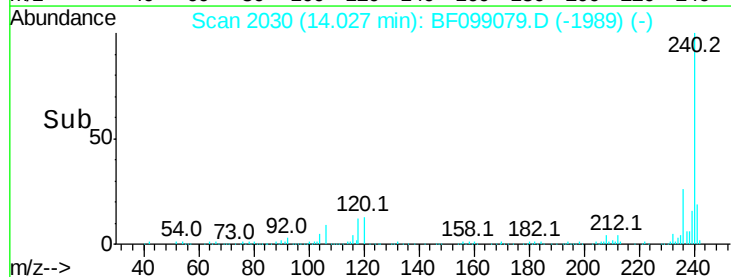
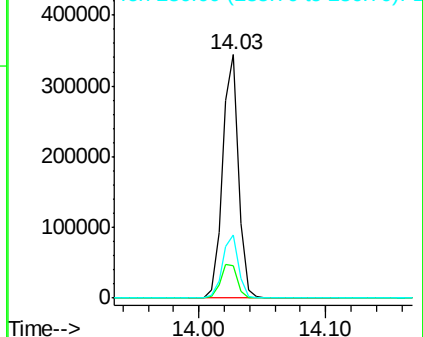


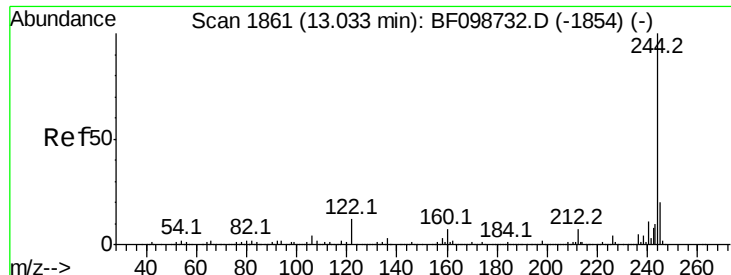
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Tgt Ion:240 Resp: 301374
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.8 20.7 31.1



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: 83.435 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099079.D

Acq: 4 Oct 2017 21:00

Instrument :

BNA_F

ClientSampleId :

STONE-SP-A-COMP

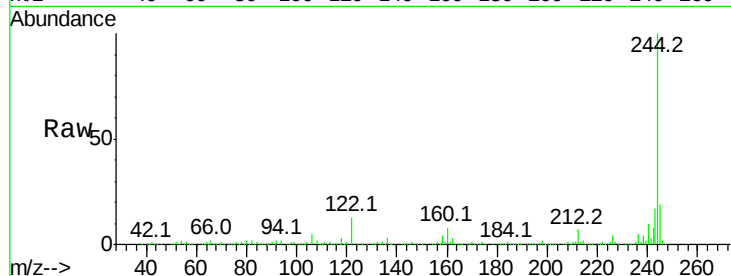
Tot Ion:244 Resp: 1105675

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

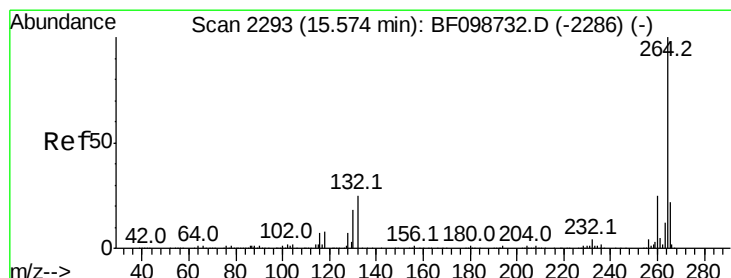
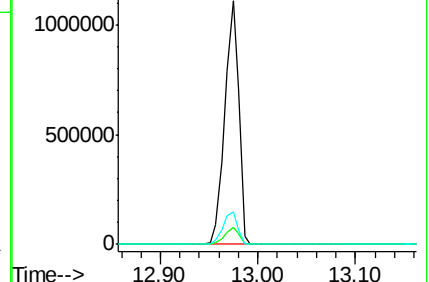
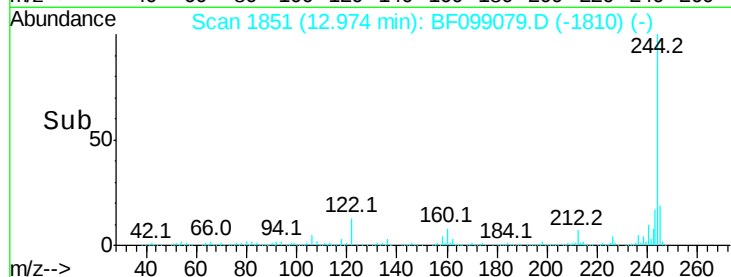
122 13.4 11.0 16.4



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: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.08 min

Lab File: BF099079.D

Acq: 4 Oct 2017 21:00

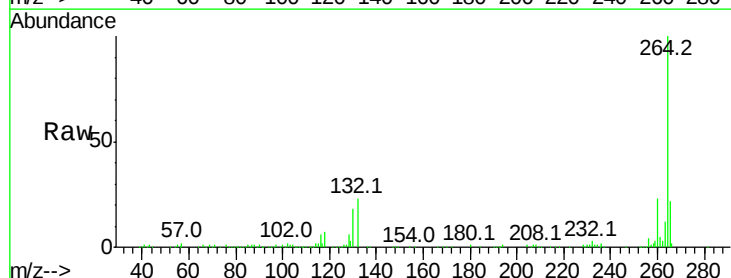
Tgt Ion:264 Resp: 226749

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.7 17.5 26.3



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

