

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099558.D
 Acq On : 16 Oct 2017 21:50
 Operator : SJ/JU
 Sample : I5782-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3(10-12)

Quant Time: Oct 17 02:07:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

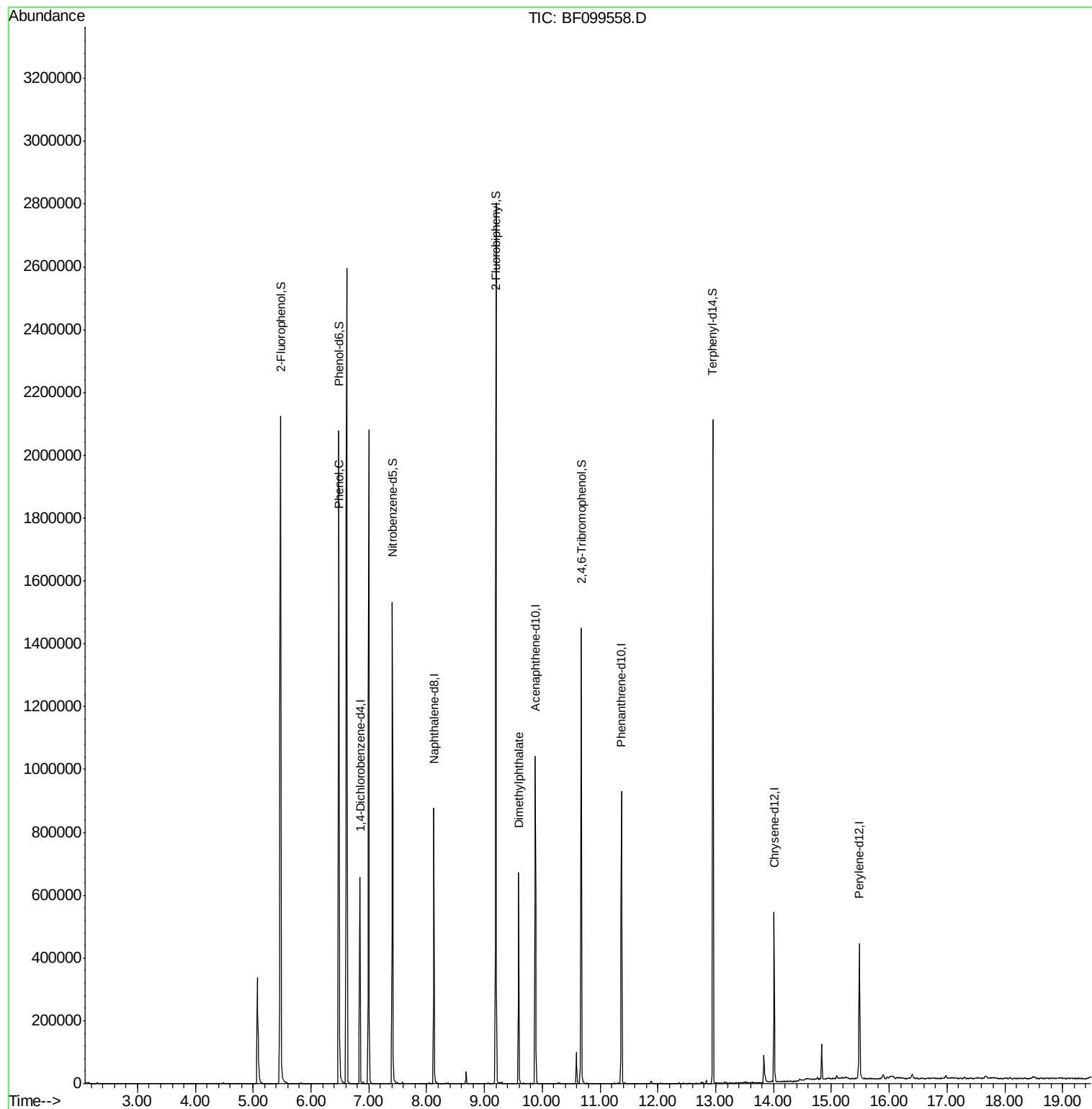
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	104901	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	434925	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	192785	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	317429	20.00	ng	0.00
75) Chrysene-d12	14.02	240	192039	20.00	ng	0.00
86) Perylene-d12	15.49	264	194019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	748085	113.52	ng	0.00
7) Phenol-d6	6.48	99	894378	110.02	ng	0.00
23) Nitrobenzene-d5	7.41	82	529257	78.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	169856	107.67	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	976593	84.57	ng	-0.01
78) Terphenyl-d14	12.95	244	699826	82.88	ng	0.00
Target Compounds						
10) Phenol	6.49	94	64920	7.141	ng	94
49) Dimethylphthalate	9.59	163	264120	18.152	ng	100

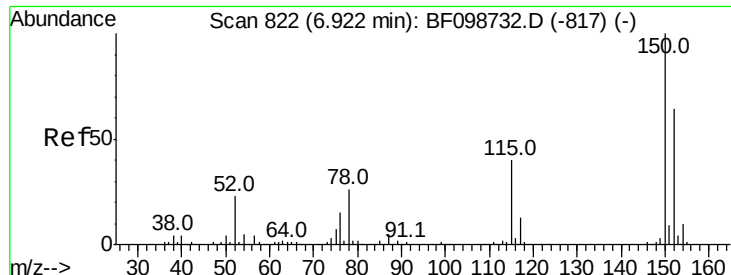
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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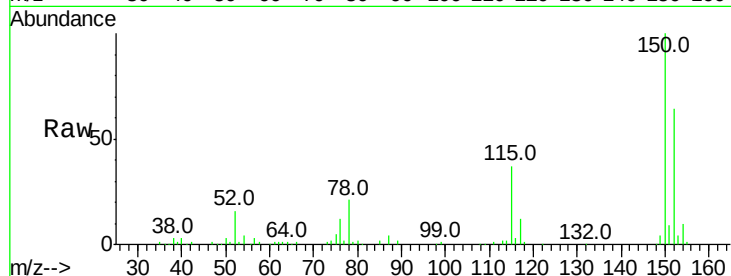


#1

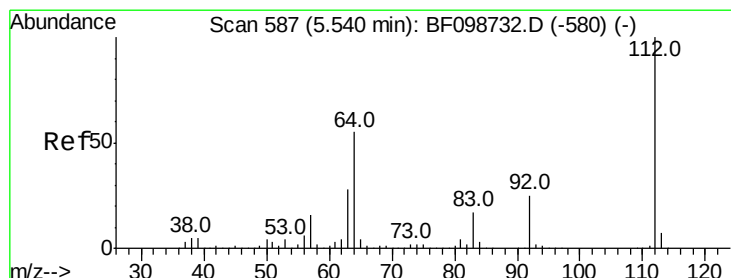
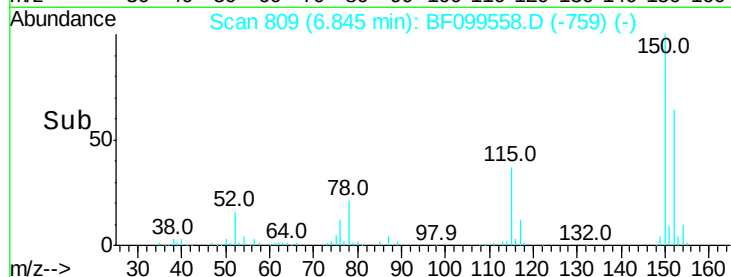
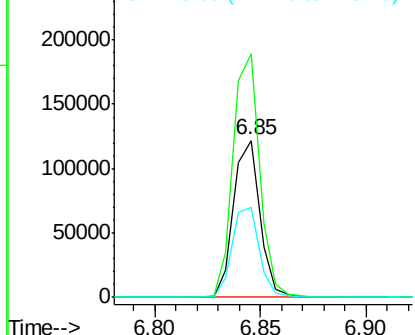
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099558.D
Acq: 16 Oct 2017 21:50

Instrument :
BNA_F
ClientSampleId :
S3(10-12)

Tot Ion:152 Resp: 104901
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 57.1 50.1 75.1



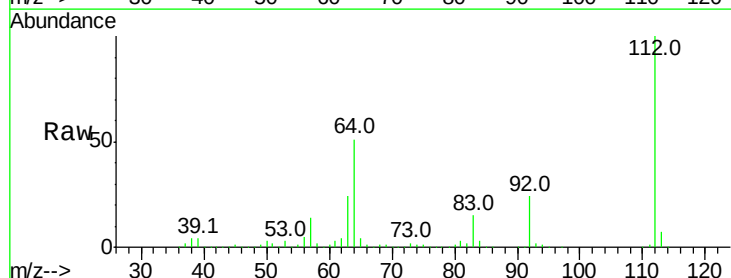
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



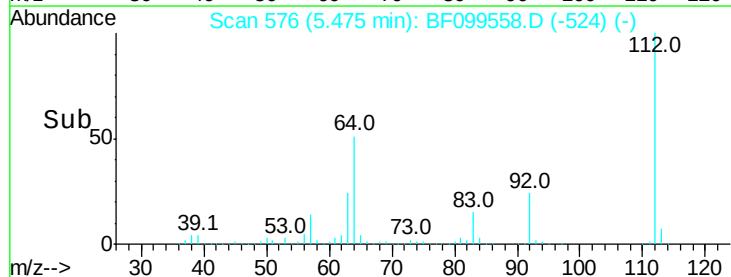
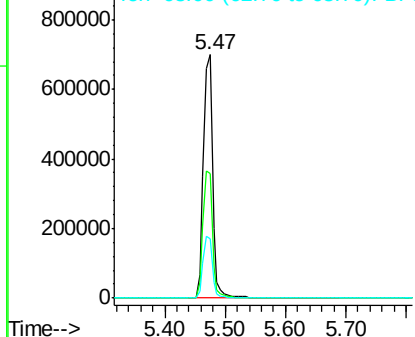
#5

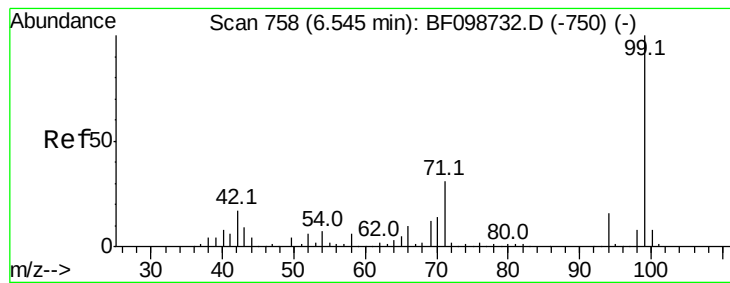
2-Fluorophenol
Concen: 113.524 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099558.D
Acq: 16 Oct 2017 21:50

Tgt Ion:112 Resp: 748085
Ion Ratio Lower Upper
112 100
64 51.2 47.9 71.9
63 24.4 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: 110.022 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099558.D

Acq: 16 Oct 2017 21:50

Instrument :

BNA_F

ClientSampleId :

S3(10-12)

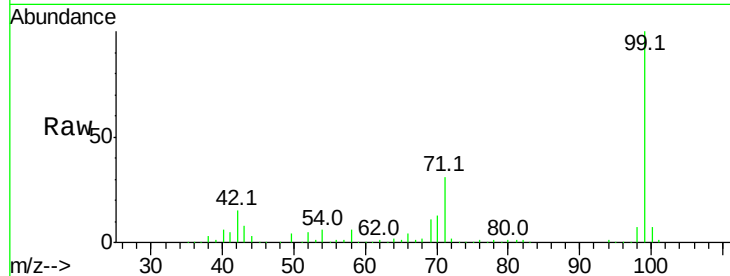
Tot Ion: 99 Resp: 894378

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

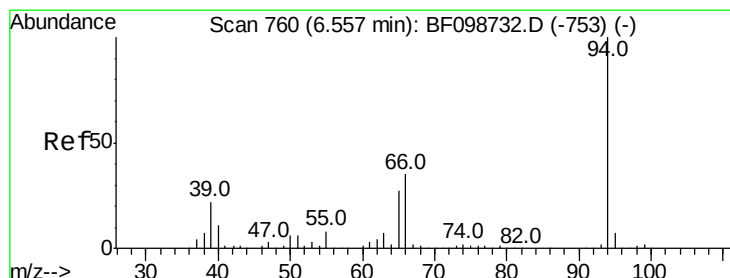
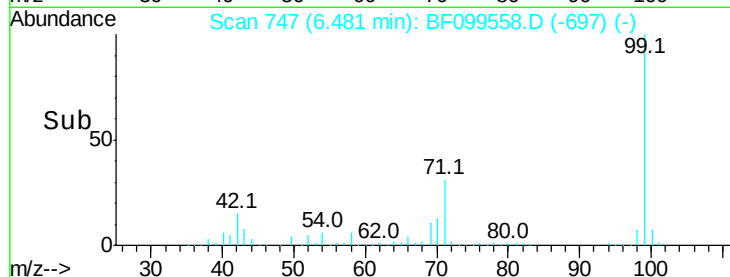
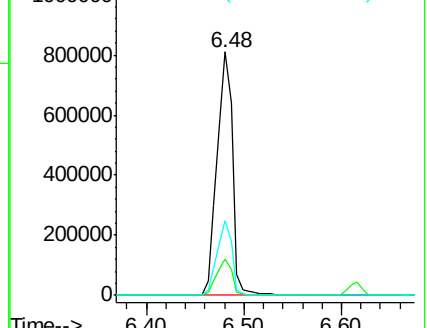
71 30.7 25.4 38.0



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: 7.141 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099558.D

Acq: 16 Oct 2017 21:50

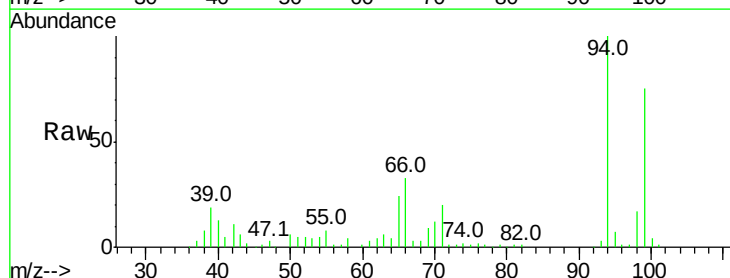
Tgt Ion: 94 Resp: 64920

Ion Ratio Lower Upper

94 100

65 24.1 7.9 47.9

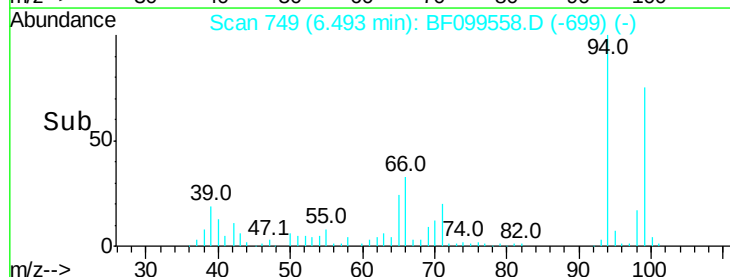
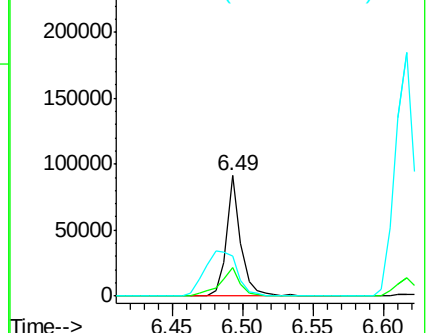
66 33.0 16.2 56.2

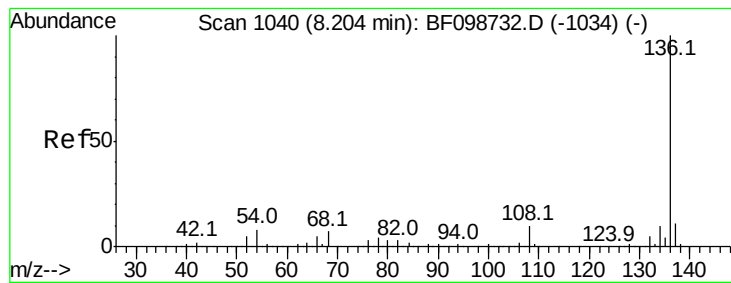


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

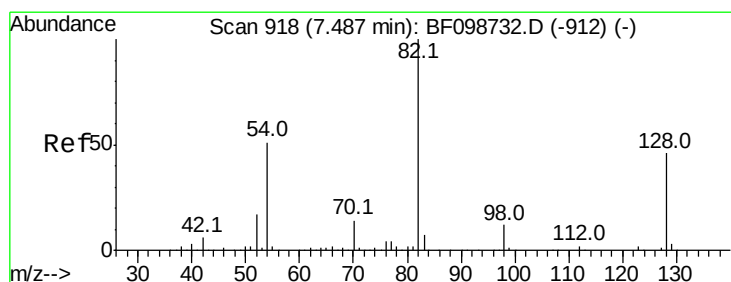
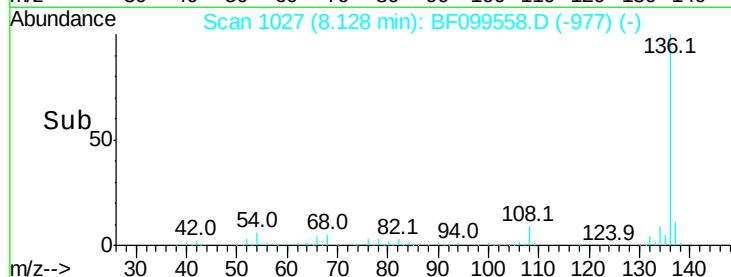
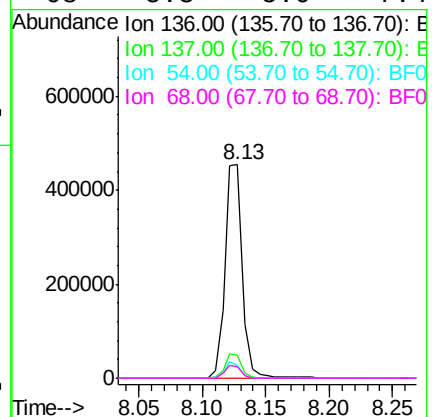
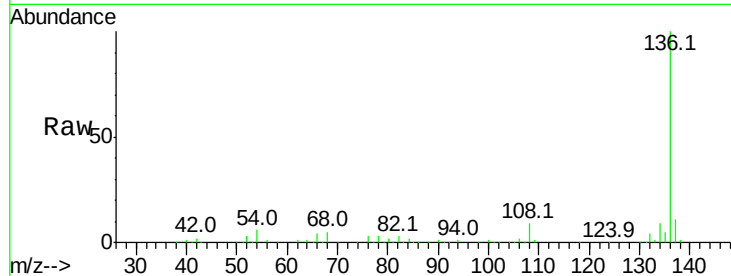




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099558.D
Acq: 16 Oct 2017 21:50

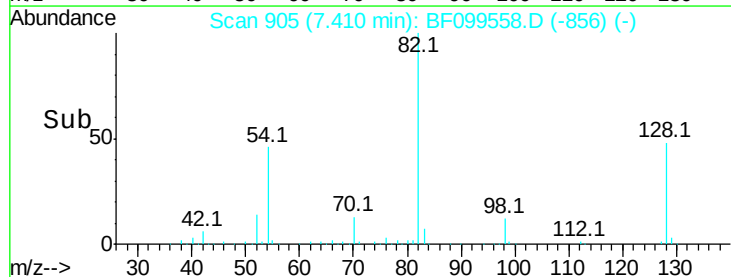
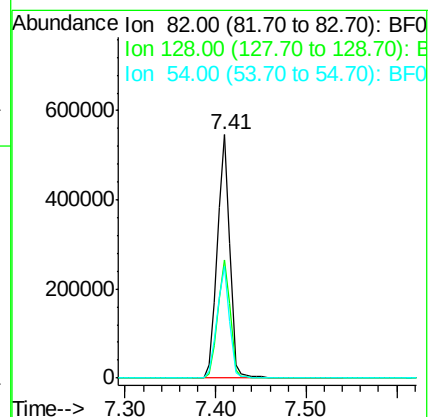
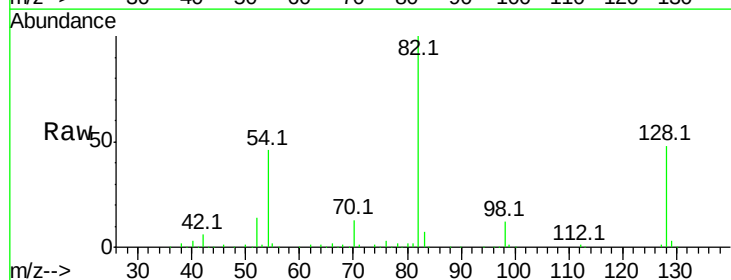
Instrument :
BNA_F
ClientSampleId :
S3(10-12)

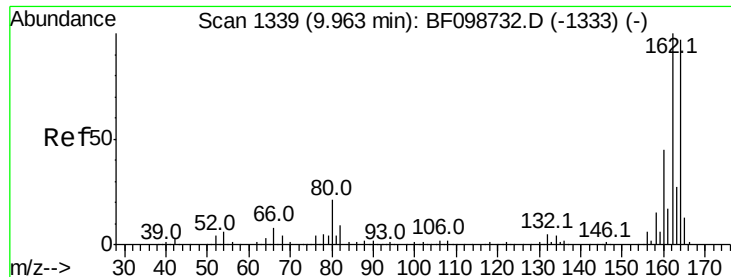
Tot Ion:	136	Resp:	434925
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 78.039 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099558.D
Acq: 16 Oct 2017 21:50

Tgt Ion:	82	Resp:	529257
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	46.0	41.4	62.2

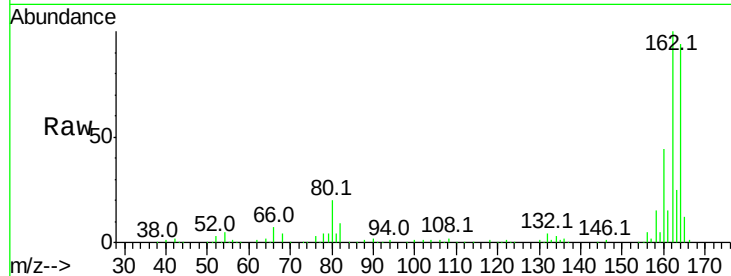




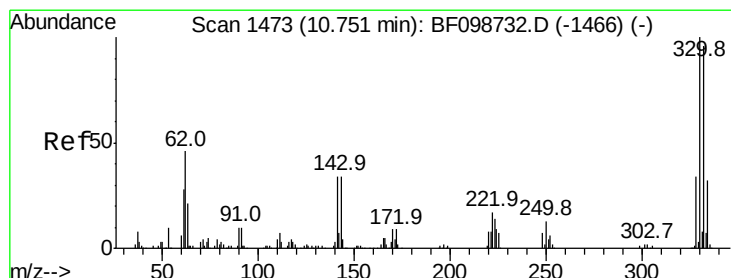
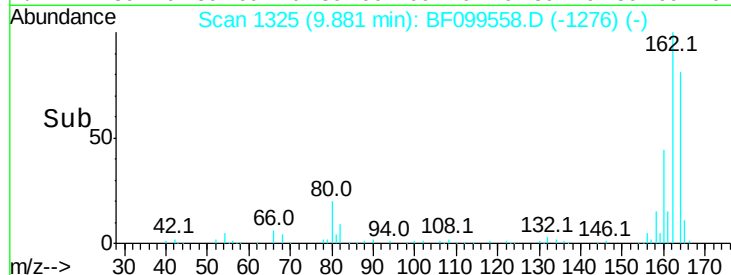
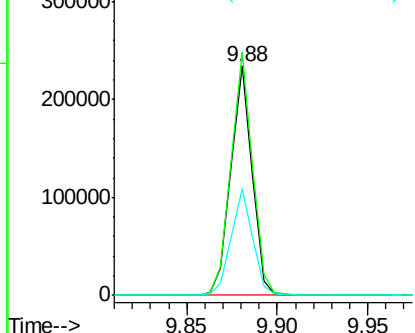
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099558.D
Acq: 16 Oct 2017 21:50

Instrument :
BNA_F
ClientSampleId :
S3(10-12)

Tot Ion:164 Resp: 192785
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 46.8 38.3 57.5

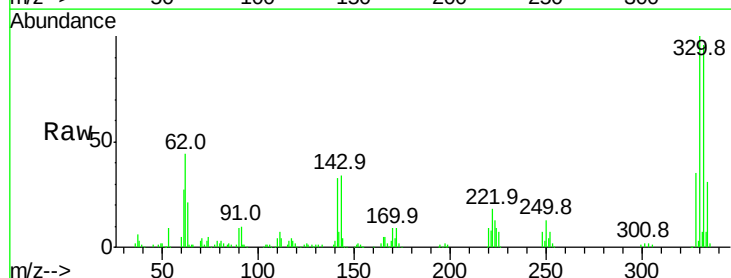


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

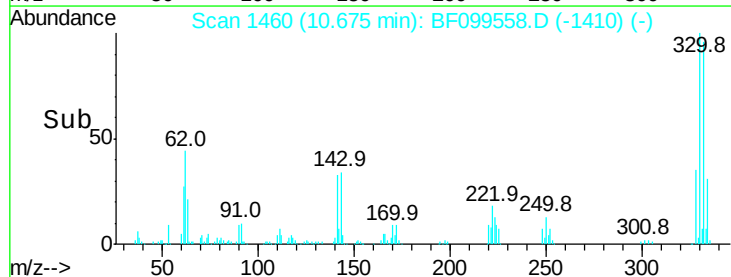
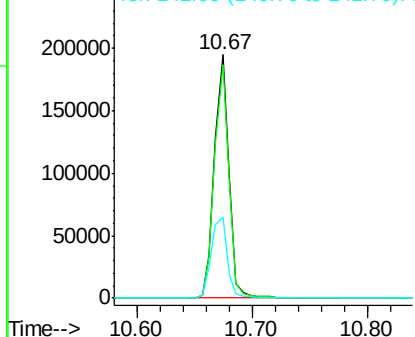


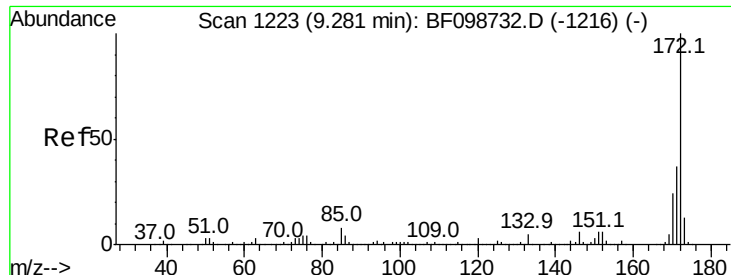
#41
2,4,6-Tribromophenol
Concen: 107.674 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099558.D
Acq: 16 Oct 2017 21:50

Tgt Ion:330 Resp: 169856
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 36.9 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

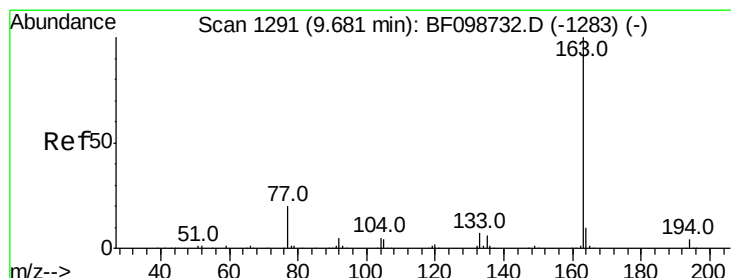
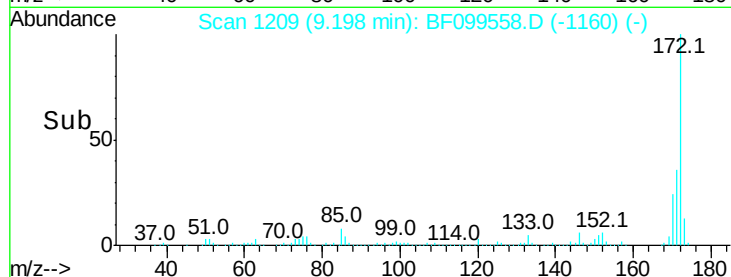
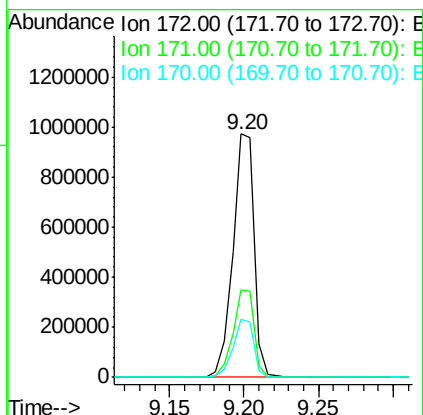
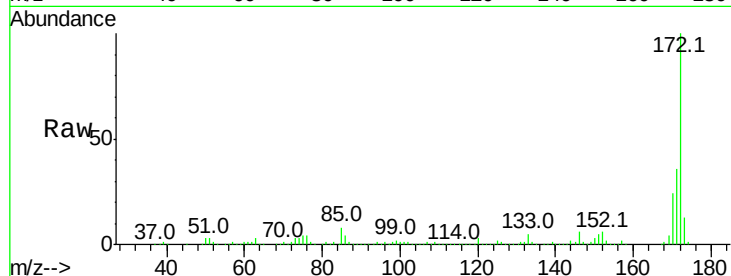




#44
2-Fluorobiphenyl
Concen: 84.568 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099558.D
Acq: 16 Oct 2017 21:50

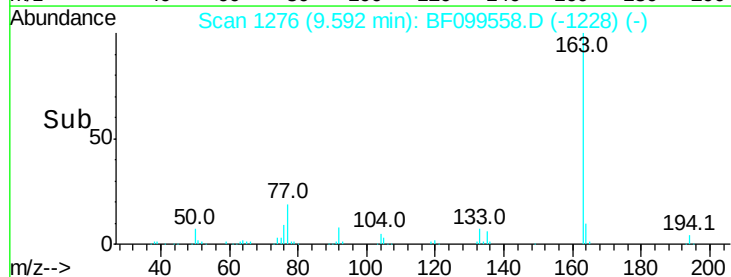
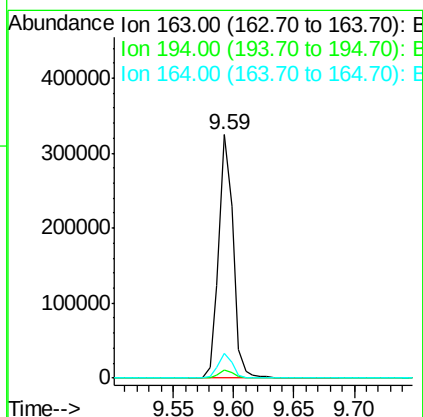
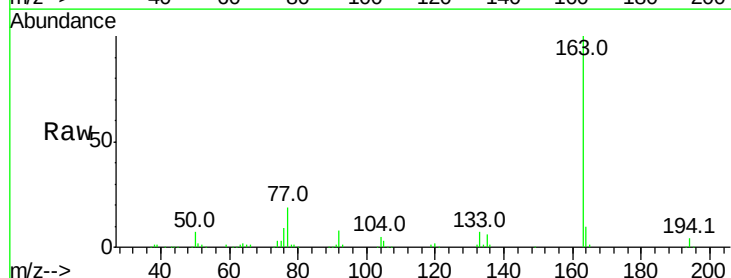
Instrument :
BNA_F
ClientSampleId :
S3(10-12)

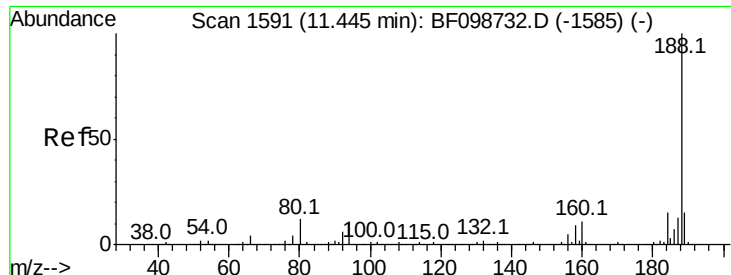
Tot Ion:172 Resp: 976593
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 18.152 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099558.D
Acq: 16 Oct 2017 21:50

Tgt Ion:163 Resp: 264120
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

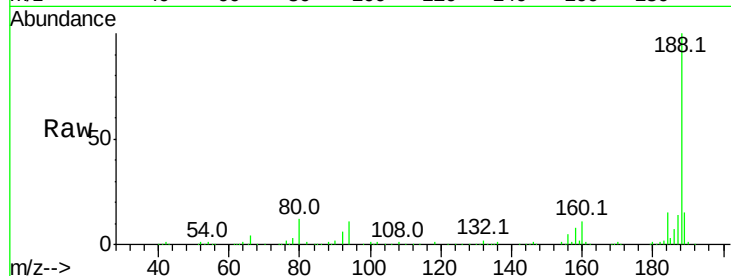




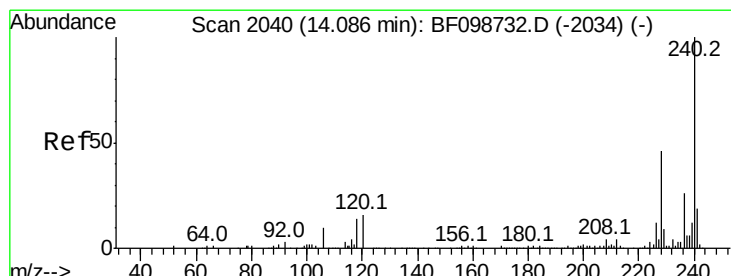
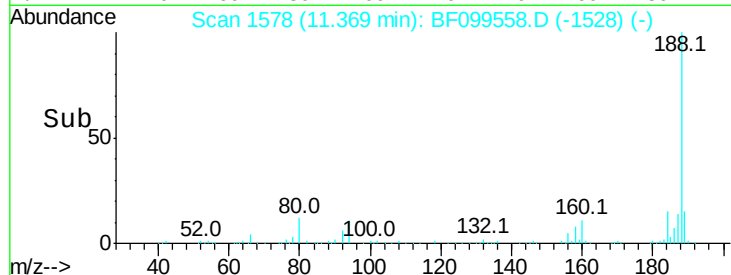
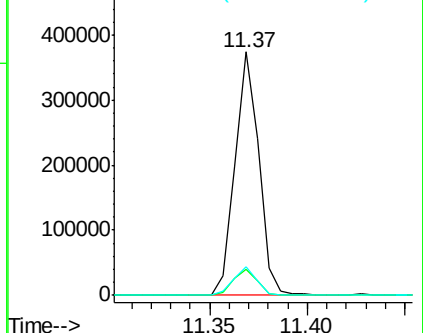
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099558.D
Acq: 16 Oct 2017 21:50

Instrument :
BNA_F
ClientSampleId :
S3(10-12)

Tot Ion:188 Resp: 317429
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 9.2 13.8

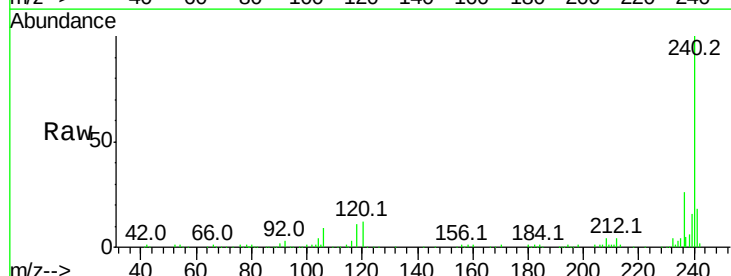


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

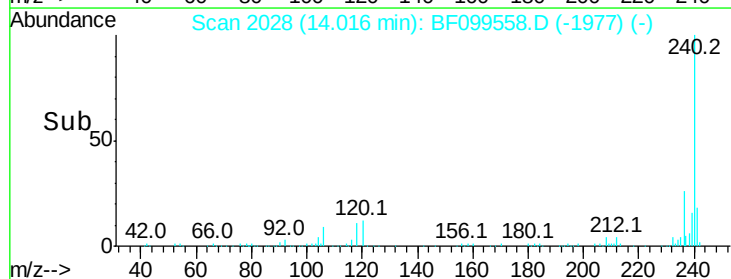
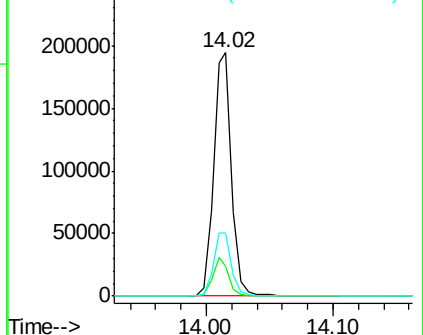


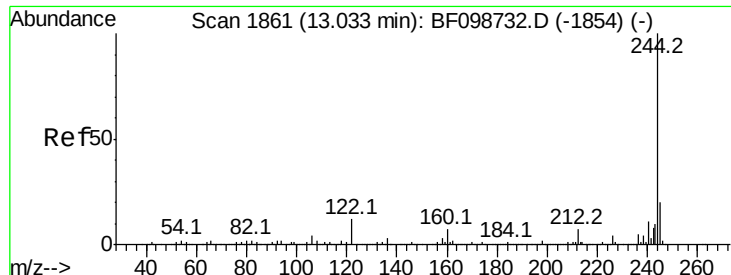
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099558.D
Acq: 16 Oct 2017 21:50

Tgt Ion:240 Resp: 192039
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 26.1 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: 82.876 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099558.D

Acq: 16 Oct 2017 21:50

Instrument :

BNA_F

ClientSampleId :

S3(10-12)

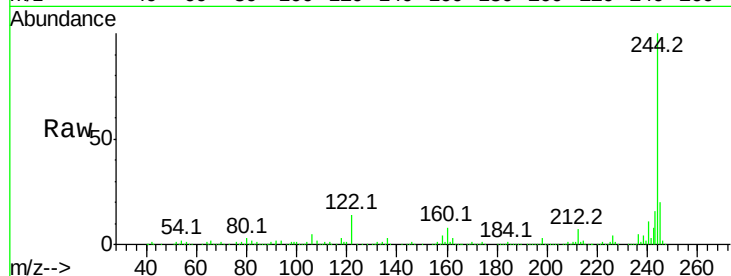
Tot Ion:244 Resp: 699826

Ion Ratio Lower Upper

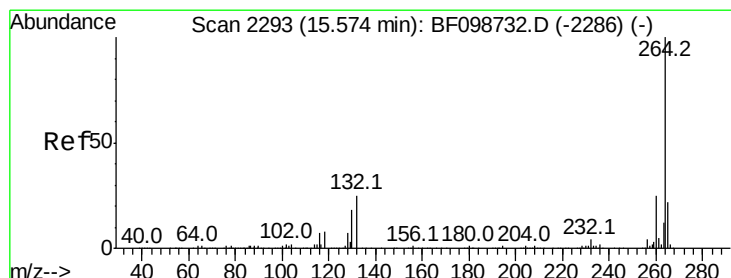
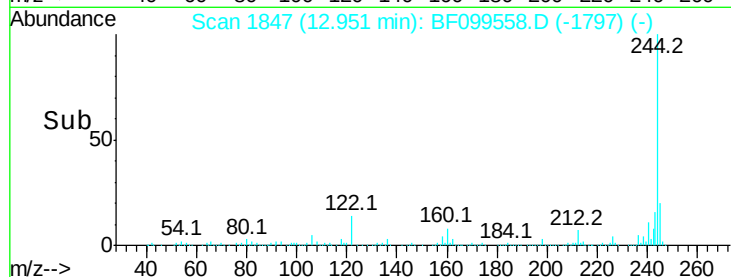
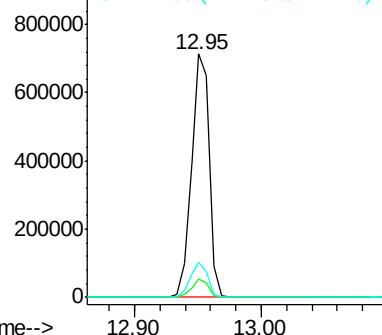
244 100

212 7.4 5.4 8.0

122 14.5 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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099558.D

Acq: 16 Oct 2017 21:50

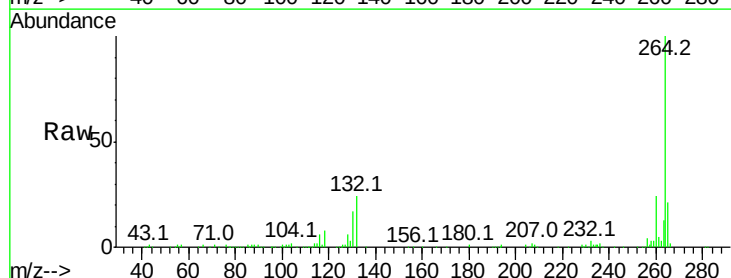
Tgt Ion:264 Resp: 194019

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 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

