

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098125.D
 Acq On : 29 Aug 2017 21:57
 Operator : SJ/JU
 Sample : I4994-07 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082517-C

Quant Time: Aug 30 05:58:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

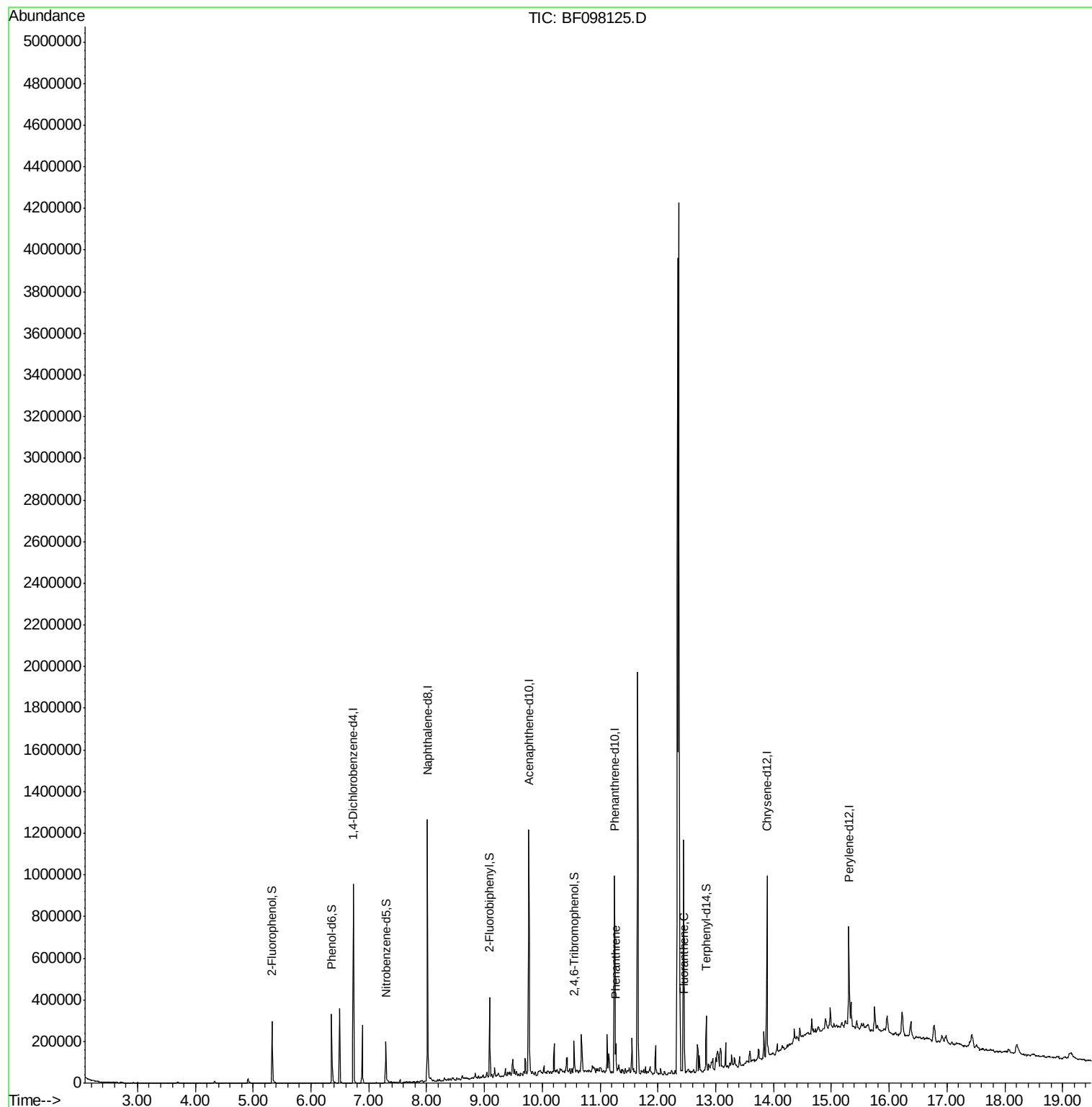
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	134612	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	510244	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	201685	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	310704	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	273813	20.00	ng	-0.01
86) Perylene-d12	15.30	264	215057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	86346	9.76	ng	-0.02
7) Phenol-d6	6.36	99	115600	9.61	ng	-0.03
23) Nitrobenzene-d5	7.29	82	68925	7.34	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	13851	7.92	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	111115	8.09	ng	-0.02
78) Terphenyl-d14	12.83	244	67683	5.15	ng	-0.02
Target Compounds						
70) Phenanthrene	11.27	178	41790	2.524	ng	98
74) Fluoranthene	12.46	202	49855	2.885	ng	98

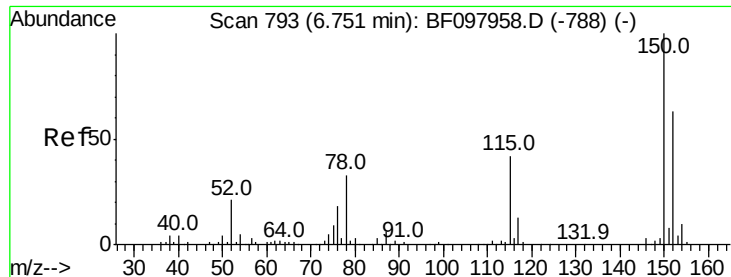
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098125.D
Acq On : 29 Aug 2017 21:57
Operator : SJ/JU
Sample : I4994-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-082517-C

Quant Time: Aug 30 05:58:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



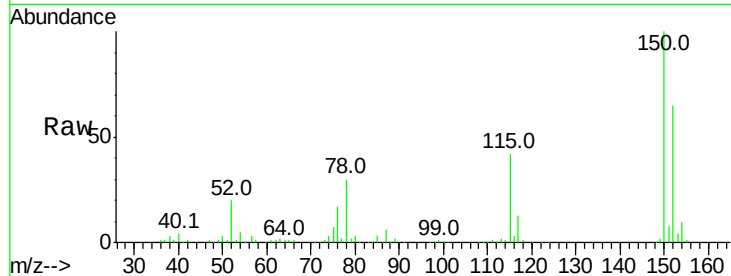


#1

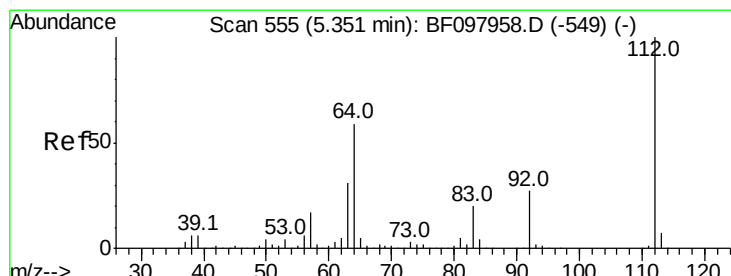
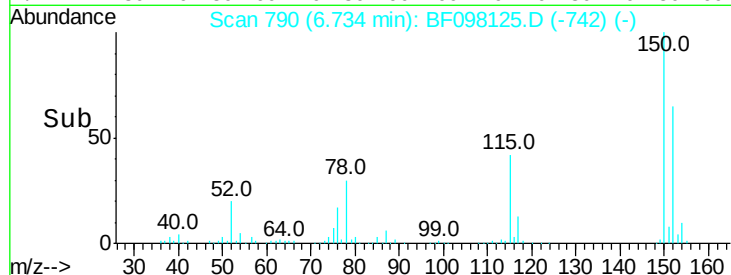
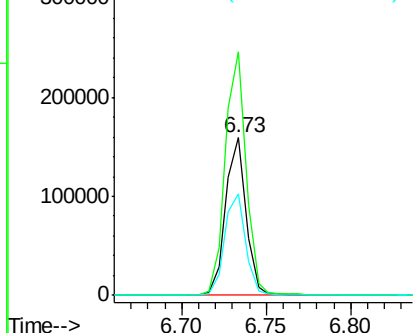
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098125.D
Acq: 29 Aug 2017 21:57

Instrument :
BNA_F
ClientSampleId :
EO-01-082517-C

Tot Ion:152 Resp: 134612
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 64.3 52.2 78.2



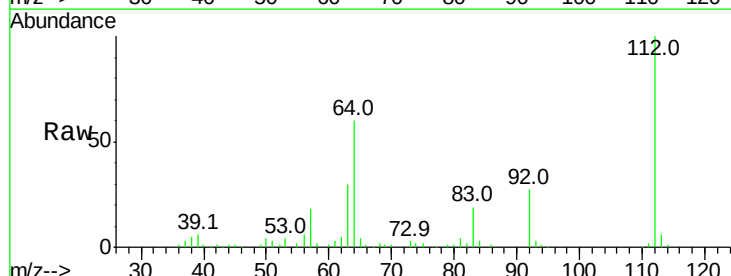
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



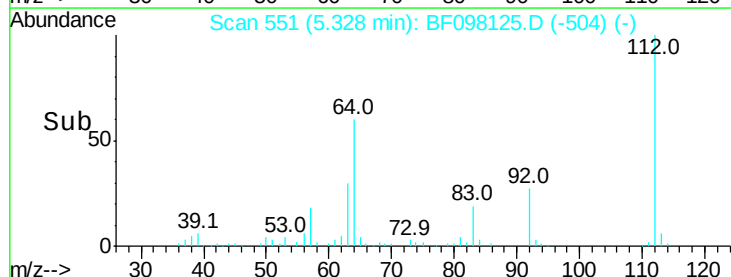
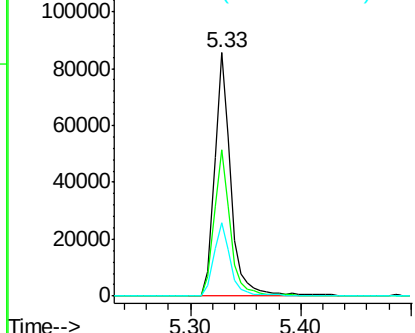
#5

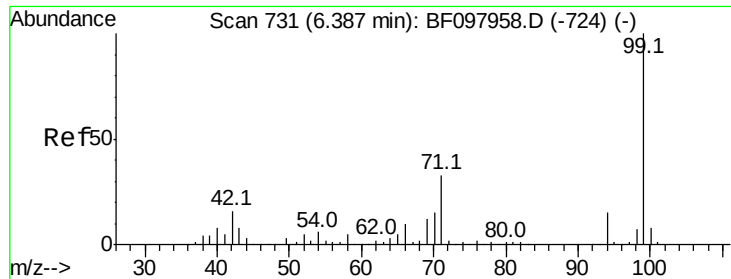
2-Fluorophenol
Concen: 9.757 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098125.D
Acq: 29 Aug 2017 21:57

Tgt Ion:112 Resp: 86346
Ion Ratio Lower Upper
112 100
64 60.3 46.0 69.0
63 30.1 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: 9.614 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098125.D

Acq: 29 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

EO-01-082517-C

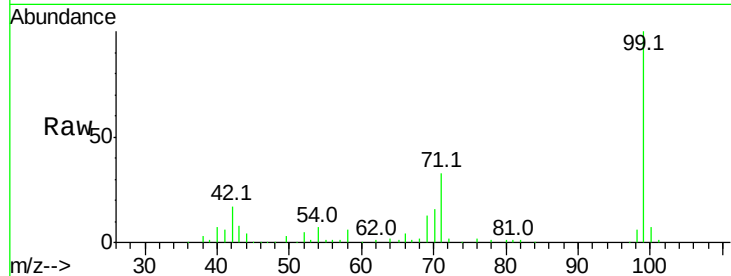
Tot Ion: 99 Resp: 115600

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

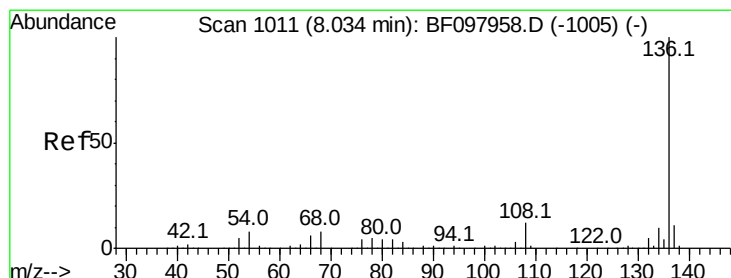
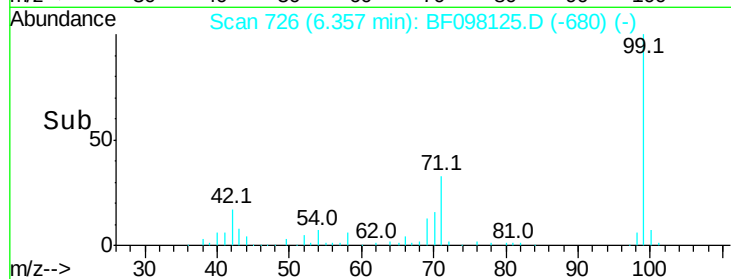
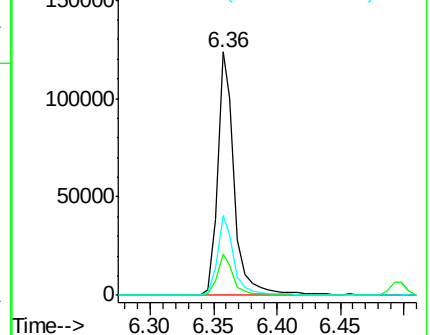
71 33.0 24.5 36.7



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: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF098125.D

Acq: 29 Aug 2017 21:57

Tgt Ion: 136 Resp: 510244

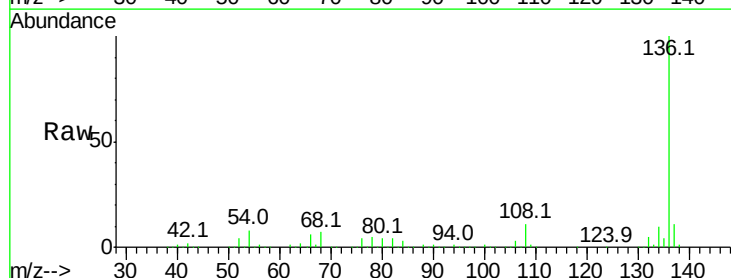
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.1 4.9 7.3#

68 7.4 4.1 6.1#

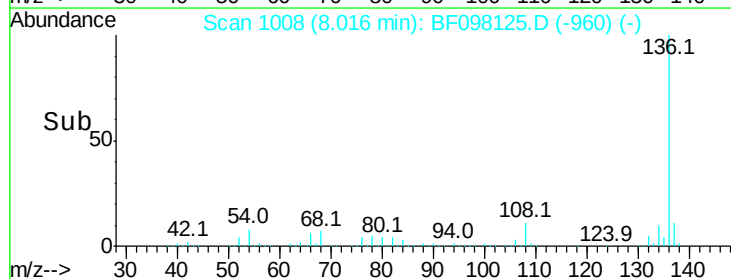
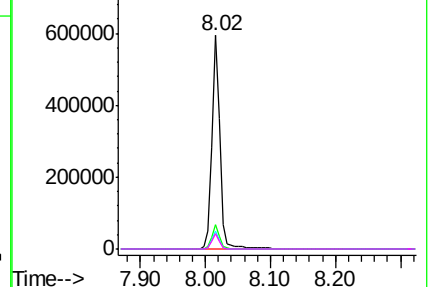


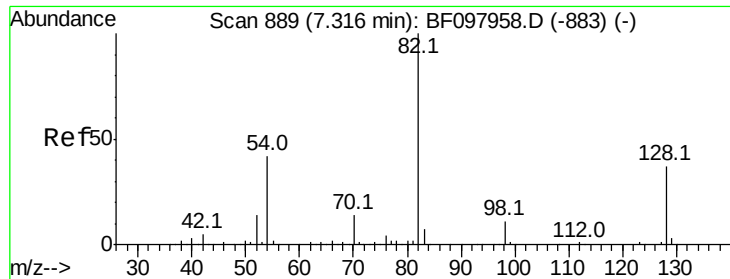
Abundance Ion 136.00 (135.70 to 136.70): E

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

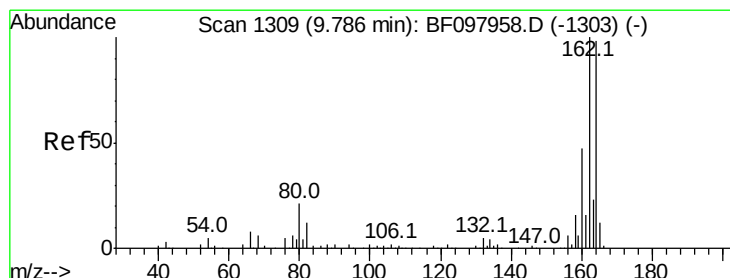
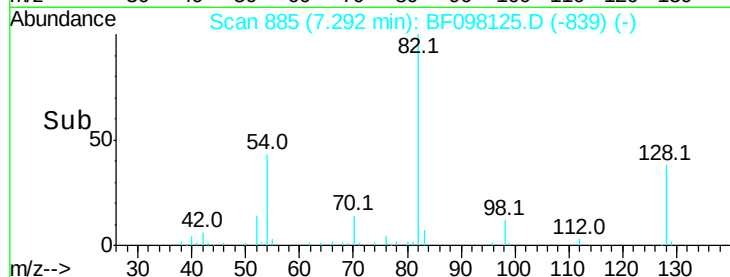
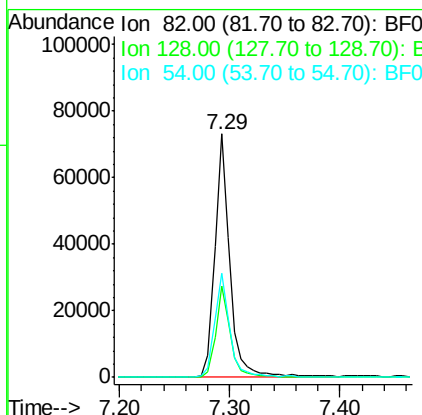
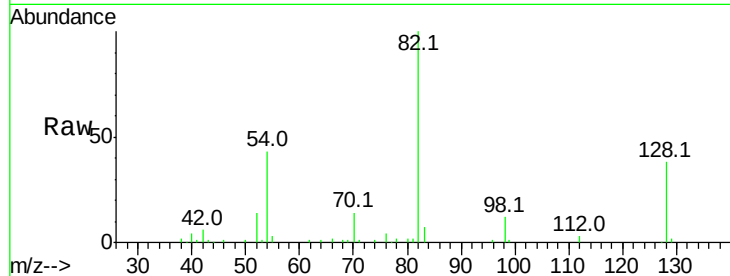




#23
 Nitrobenzene-d5
 Concen: 7.338 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF098125.D
 Acq: 29 Aug 2017 21:57

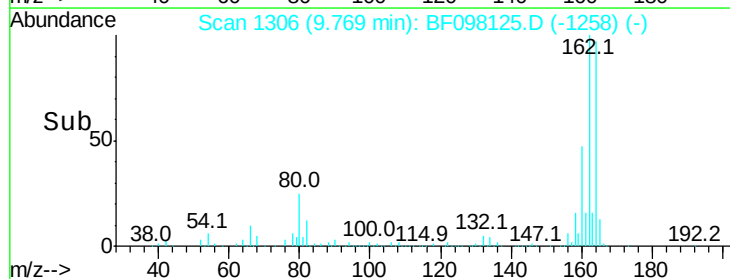
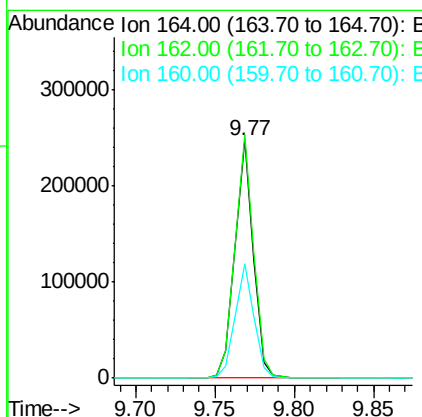
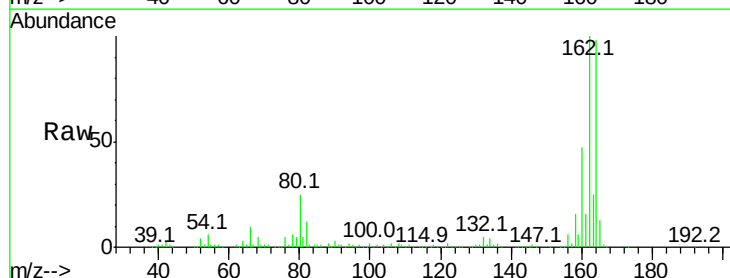
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082517-C

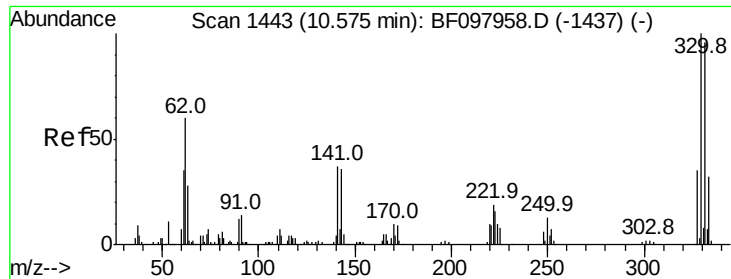
Tot Ion	82	Resp	68925
Ion Ratio	Lower	Upper	
82	100		
128	37.5	34.0	51.0
54	42.8	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098125.D
 Acq: 29 Aug 2017 21:57

Tgt Ion	164	Resp	201685
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.6	123.8
160	48.2	36.2	54.2

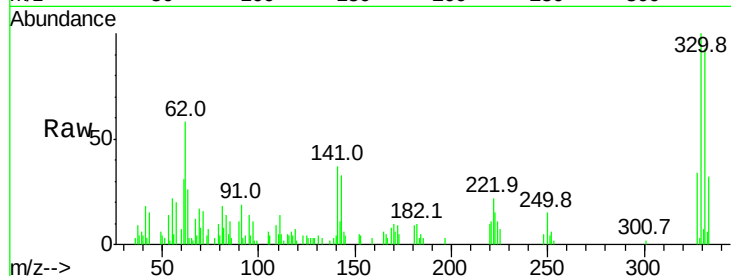




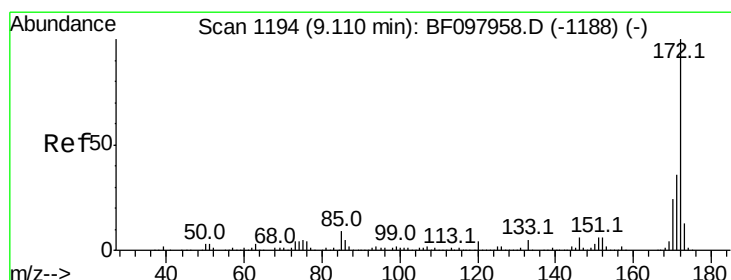
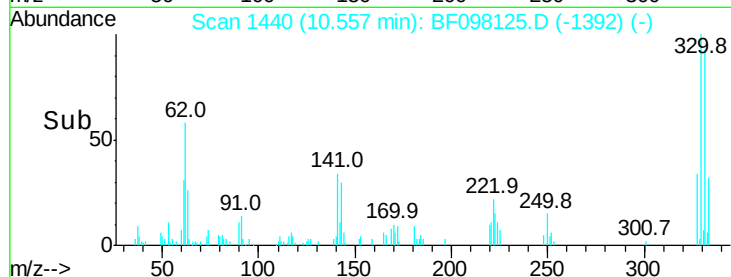
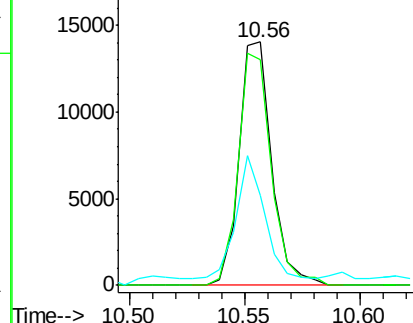
#41
 2,4,6-Tribromophenol
 Concen: 7.915 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098125.D
 Acq: 29 Aug 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082517-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	44.8	31.4	47.2

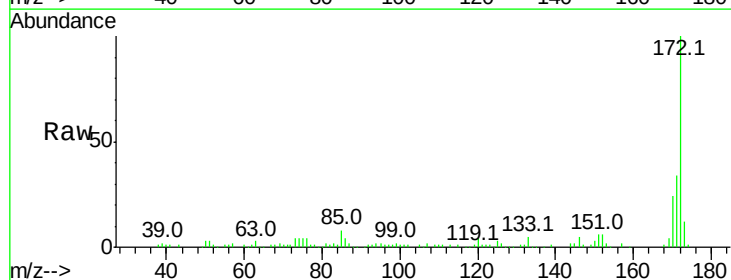


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

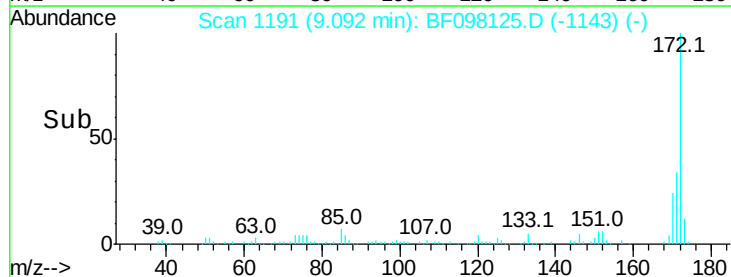
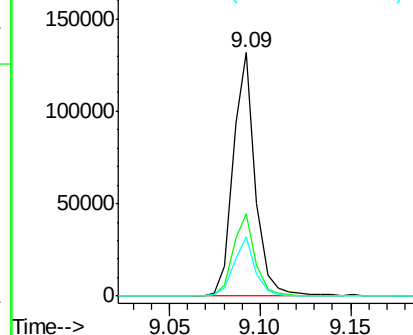


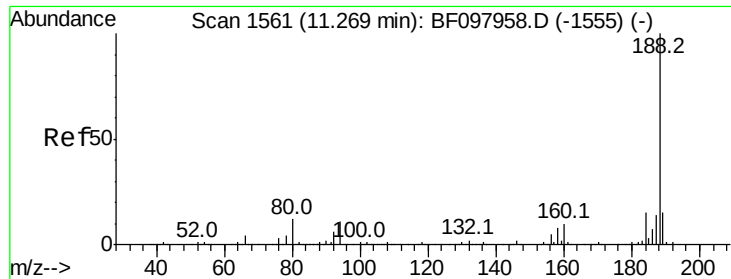
#44
 2-Fluorobiphenyl
 Concen: 8.094 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098125.D
 Acq: 29 Aug 2017 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.6	44.4
170	24.1	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

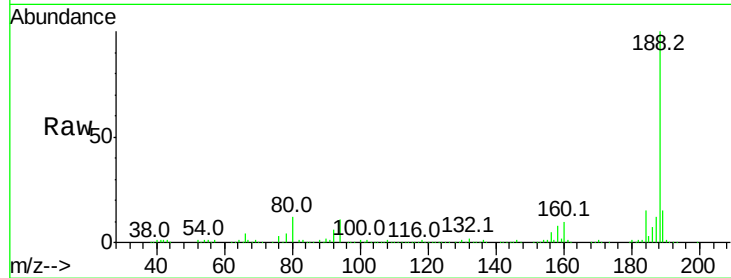




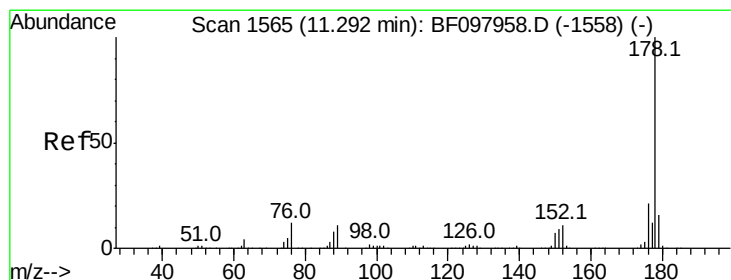
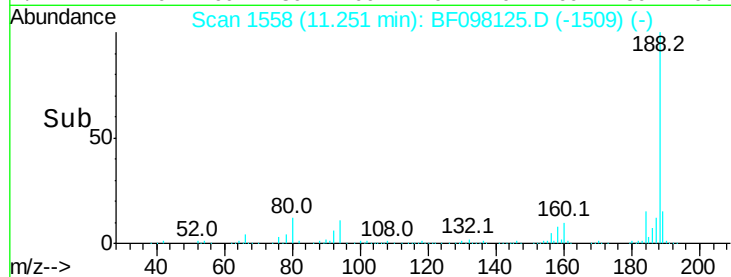
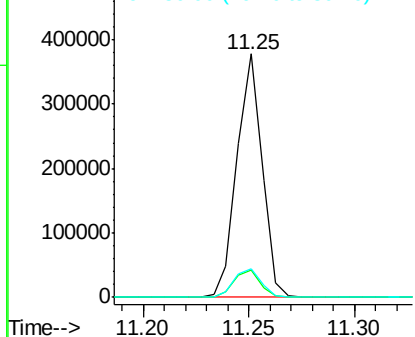
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098125.D
Acq: 29 Aug 2017 21:57

Instrument :
BNA_F
ClientSampleId :
EO-01-082517-C

Tot Ion:188 Resp: 310704
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.9 10.2 15.2

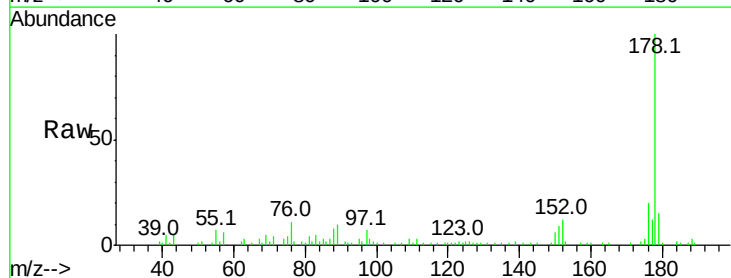


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

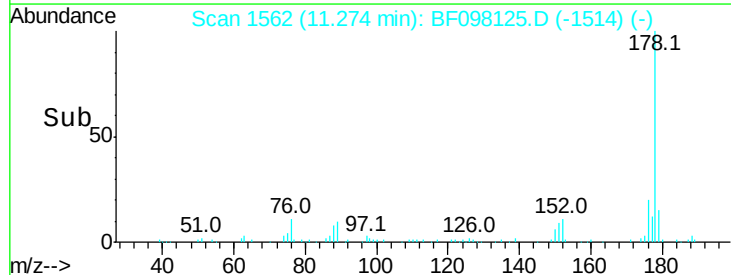
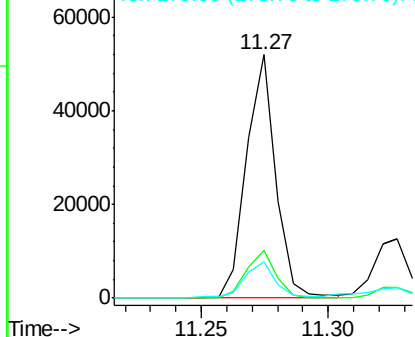


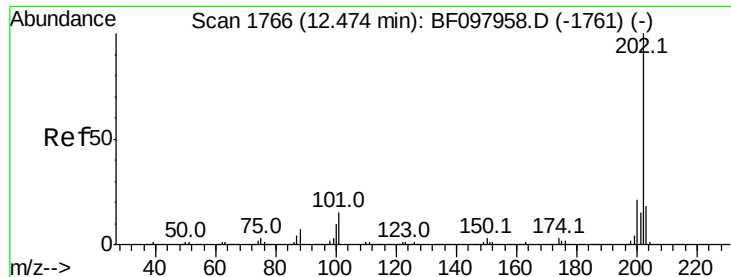
#70
Phenanthrene
Concen: 2.524 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF098125.D
Acq: 29 Aug 2017 21:57

Tgt Ion:178 Resp: 41790
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.885 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF098125.D

Acq: 29 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

EO-01-082517-C

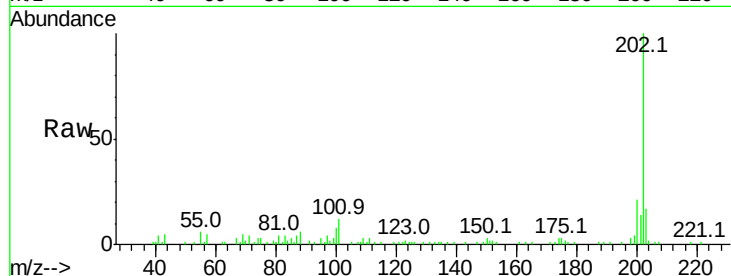
Tot Ion:202 Resp: 49855

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

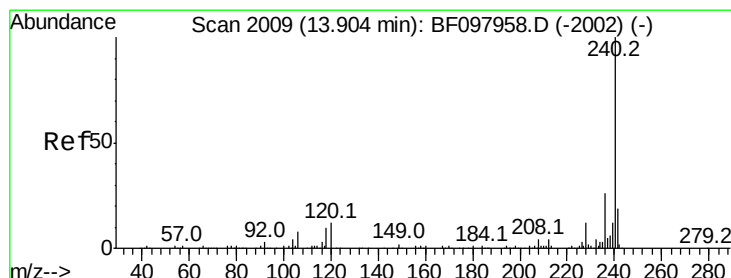
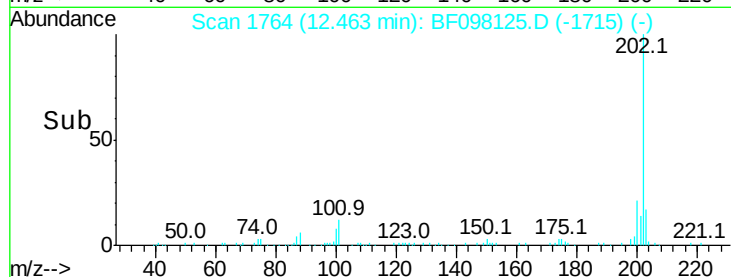
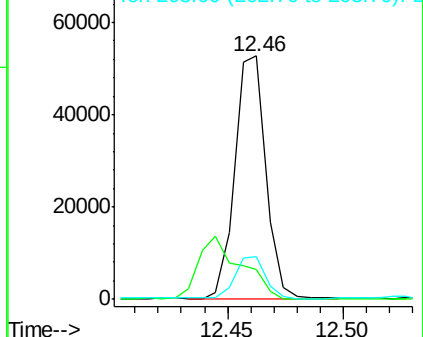
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098125.D

Acq: 29 Aug 2017 21:57

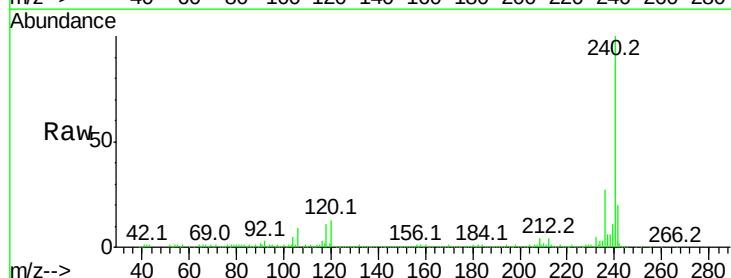
Tgt Ion:240 Resp: 273813

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

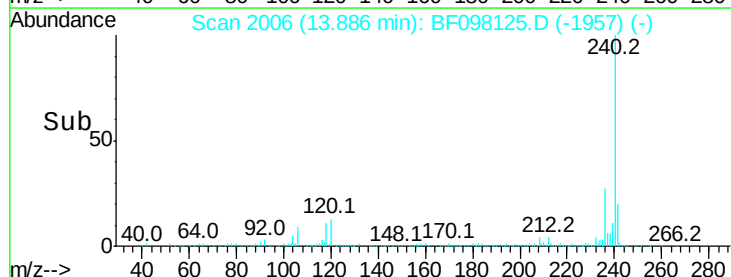
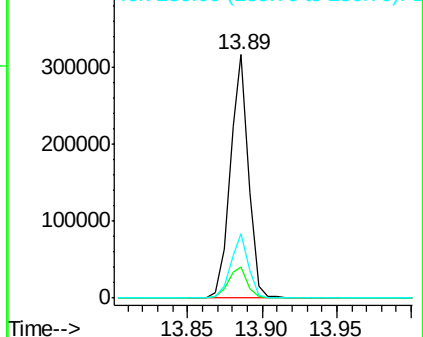
236 26.5 20.5 30.7

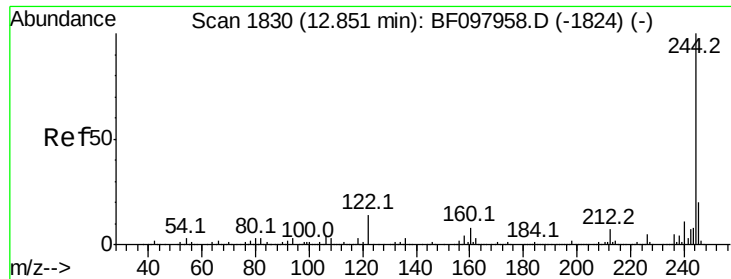


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 5.155 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF098125.D

Acq: 29 Aug 2017 21:57

Instrument :

BNA_F

ClientSampleId :

EO-01-082517-C

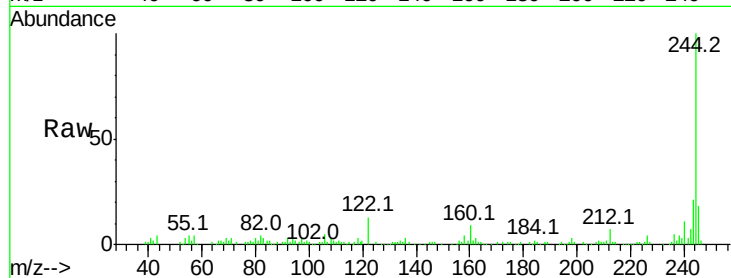
Tot Ion:244 Resp: 67683

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

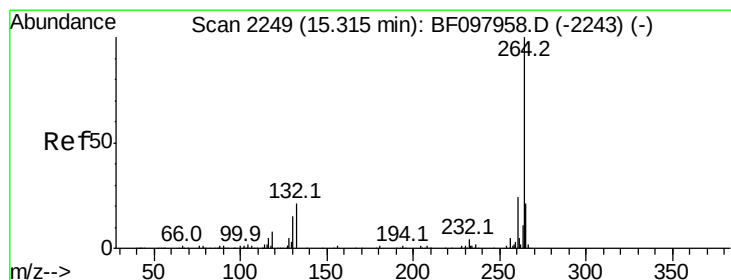
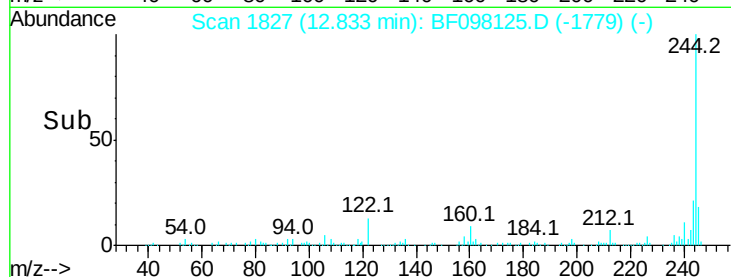
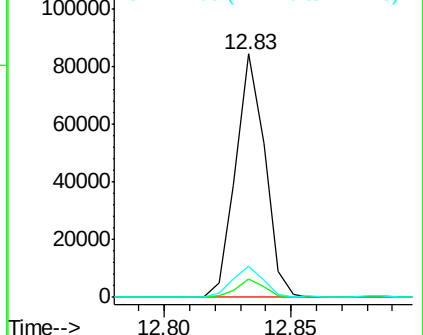
122 12.9 10.3 15.5



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: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BF098125.D

Acq: 29 Aug 2017 21:57

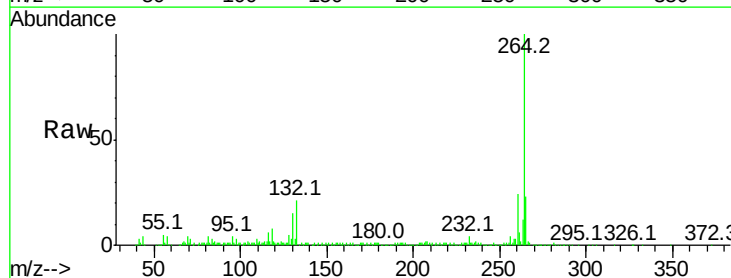
Tgt Ion:264 Resp: 215057

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.5 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

