

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097951.D
 Acq On : 22 Aug 2017 13:09
 Operator : SJ/JU
 Sample : I4899-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938

Quant Time: Aug 22 14:34:45 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

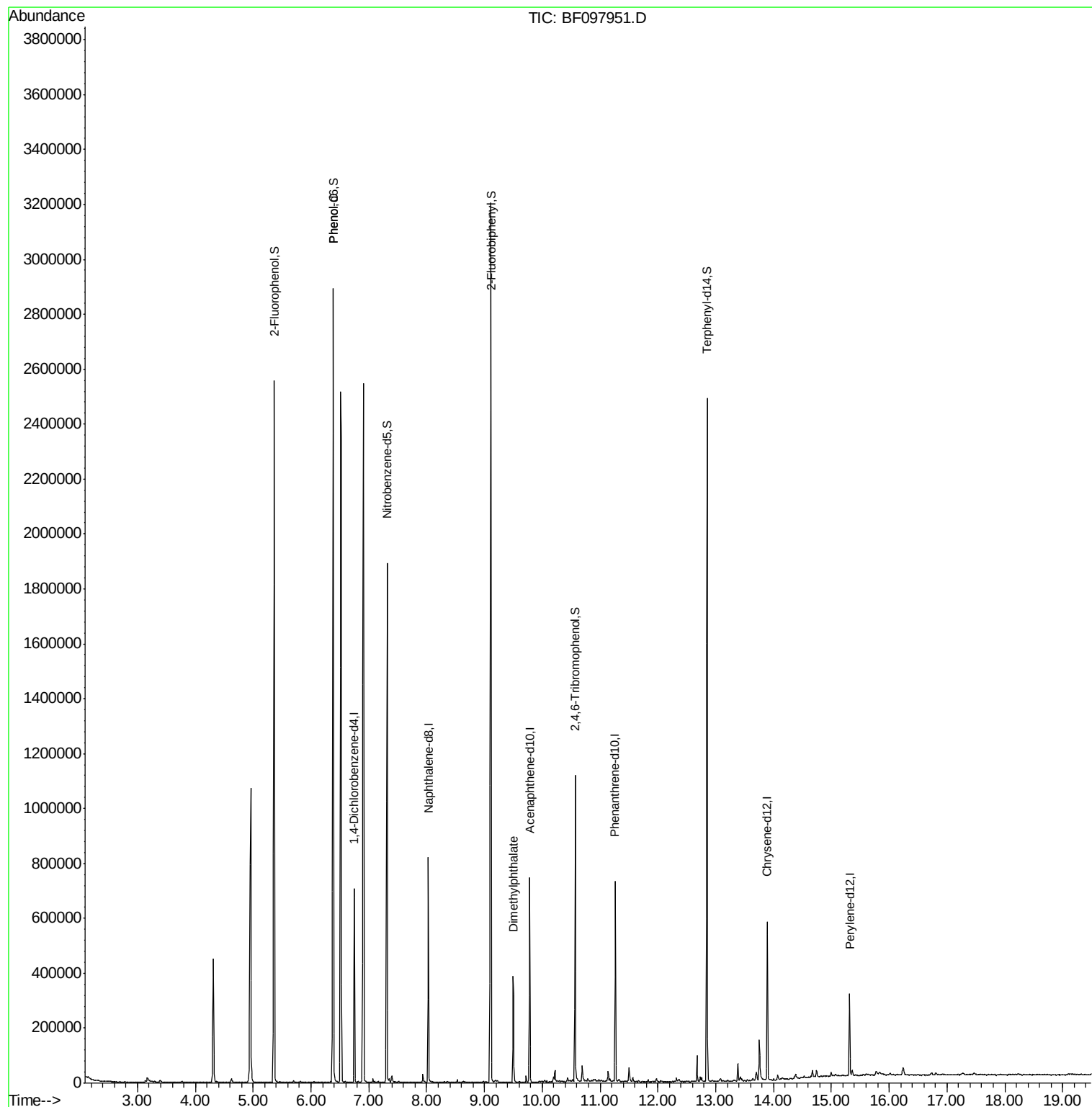
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	98891	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	358637	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	134301	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	227520	20.00	ng	0.00
75) Chrysene-d12	13.89	240	192275	20.00	ng	0.00
86) Perylene-d12	15.32	264	126232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	730832	112.41	ng	0.01
7) Phenol-d6	6.39	99	1142301	129.31	ng	0.00
23) Nitrobenzene-d5	7.32	82	724867	109.80	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	103765	89.05	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	993586	108.69	ng	0.00
78) Terphenyl-d14	12.85	244	748193	81.15	ng	0.00
Target Compounds						
10) Phenol	6.39	94	28483	2.757	ng	Qvalue # 59
49) Dimethylphthalate	9.50	163	135480	13.801	ng	99

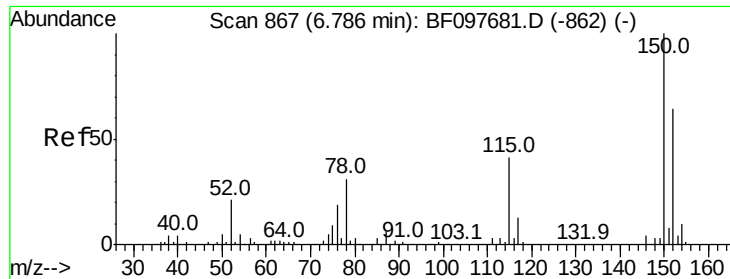
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097951.D
Acq On : 22 Aug 2017 13:09
Operator : SJ/JU
Sample : I4899-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

Quant Time: Aug 22 14:34:45 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



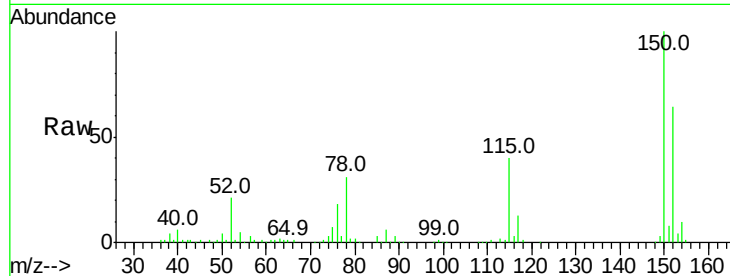


#1

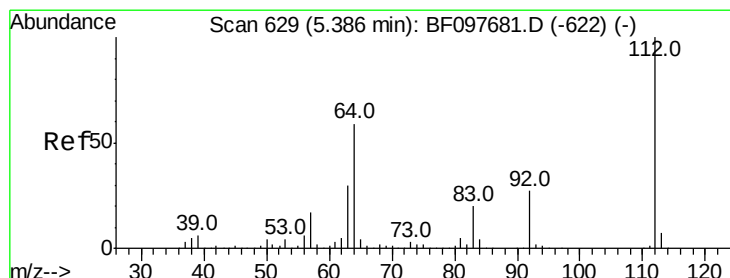
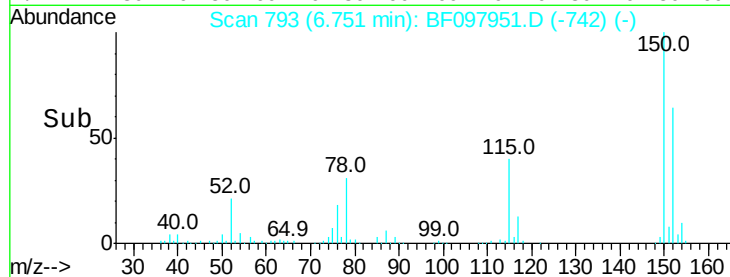
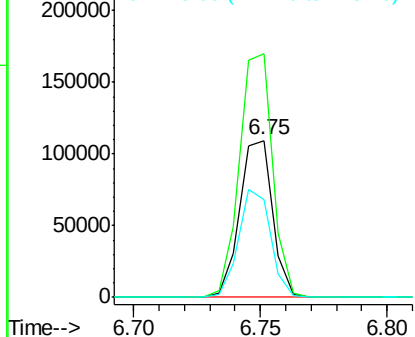
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097951.D
 Acq: 22 Aug 2017 13:09

Instrument :
 BNA_F
 ClientSampleId :
 72-11938

Tot Ion:152 Resp: 98891
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.2 189.2
 115 62.7 52.2 78.2



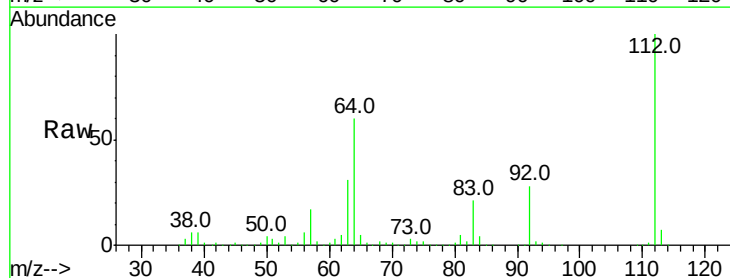
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



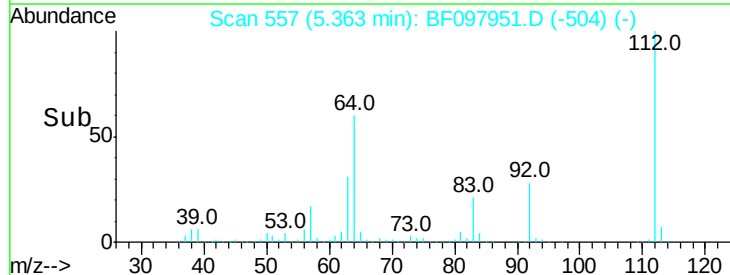
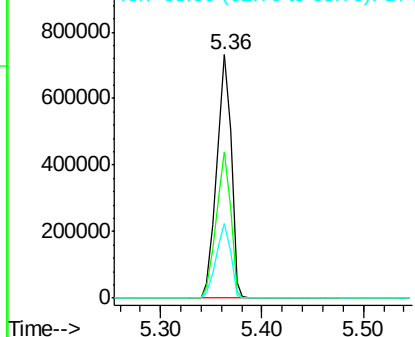
#5

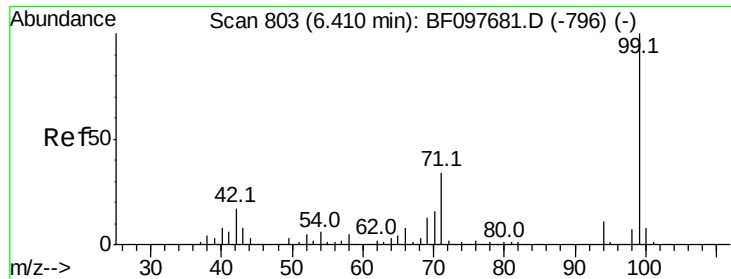
2-Fluorophenol
 Concen: 112.412 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF097951.D
 Acq: 22 Aug 2017 13:09

Tgt Ion:112 Resp: 730832
 Ion Ratio Lower Upper
 112 100
 64 59.9 46.0 69.0
 63 30.9 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: 129.314 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

Instrument :

BNA_F

ClientSampled :

72-11938

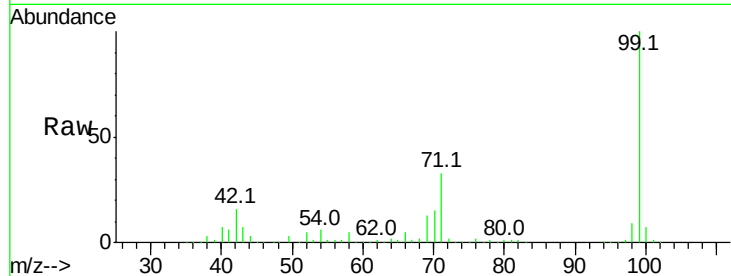
Tot Ion: 99 Resp: 1142301

Ion Ratio Lower Upper

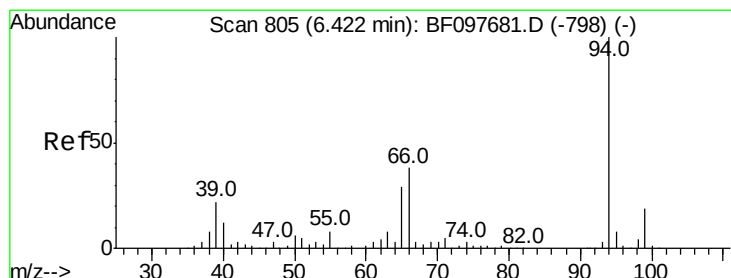
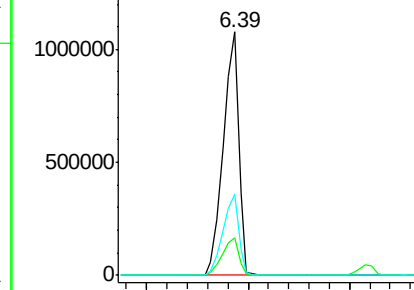
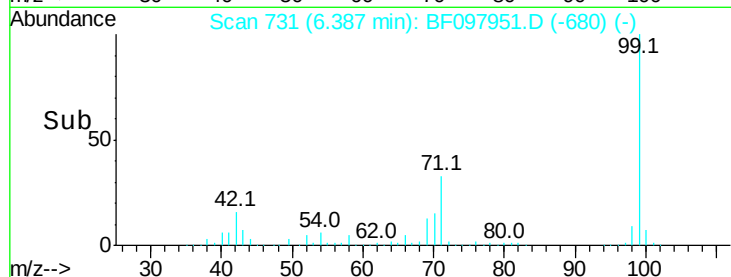
99 100

42 15.7 13.5 20.3

71 33.3 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: 2.757 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

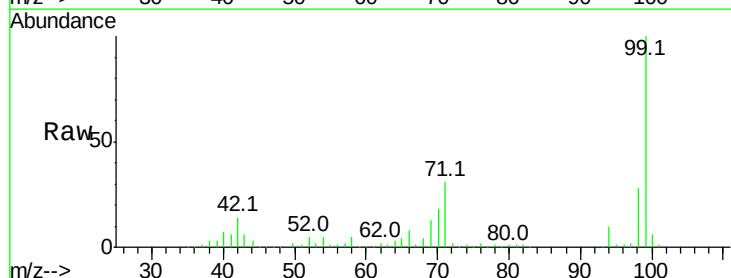
Tgt Ion: 94 Resp: 28483

Ion Ratio Lower Upper

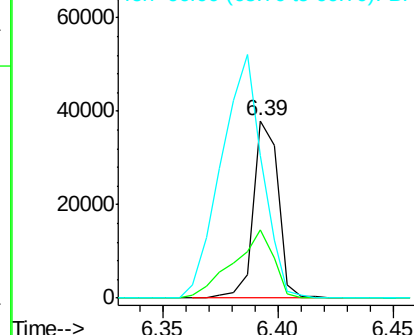
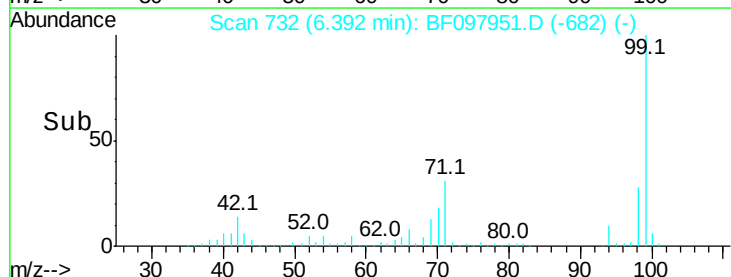
94 100

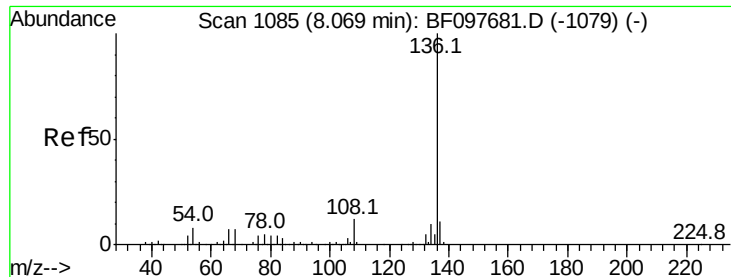
65 38.7 9.9 49.9

66 80.0 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

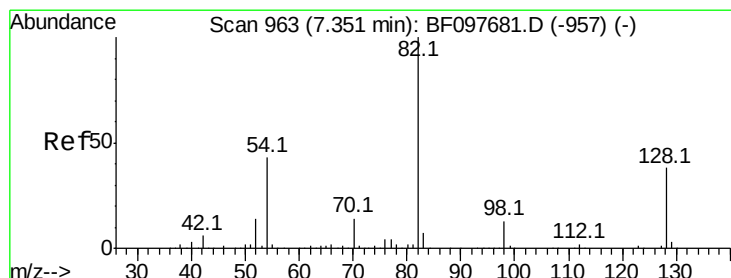
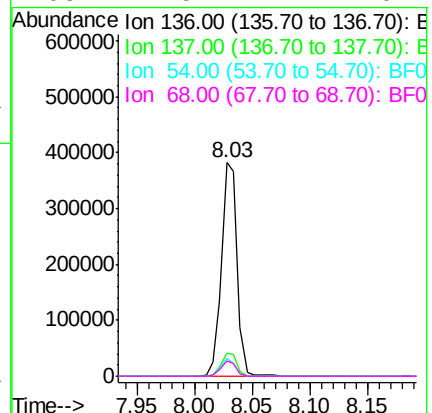
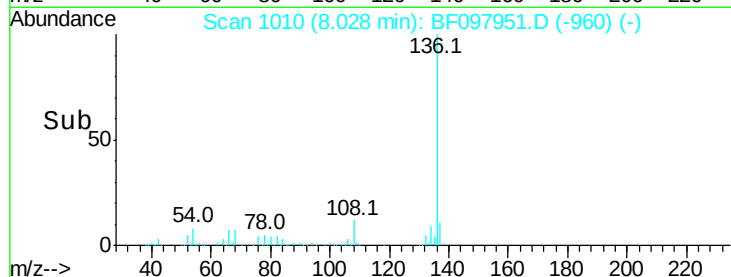
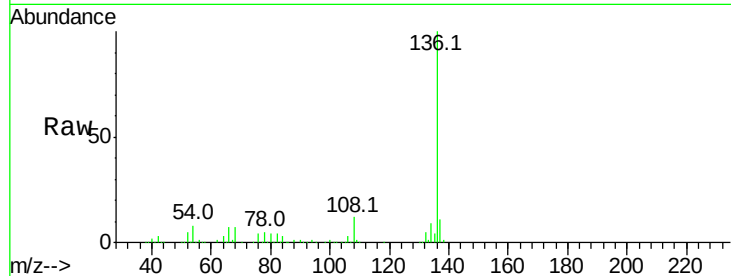




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF097951.D
Acq: 22 Aug 2017 13:09

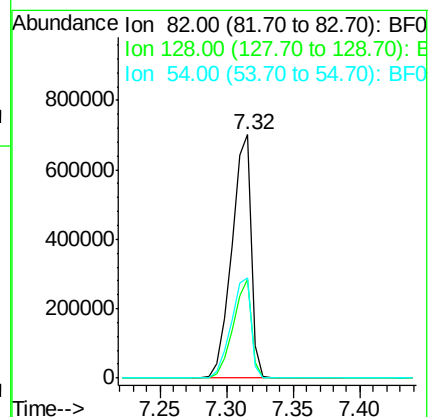
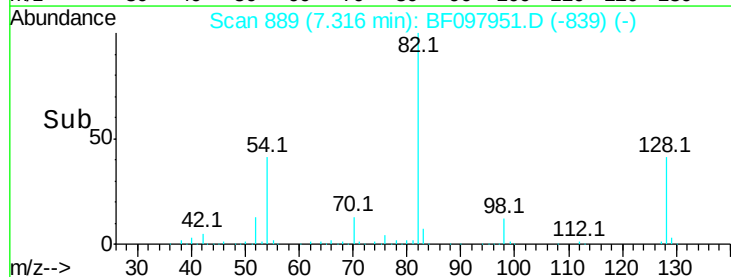
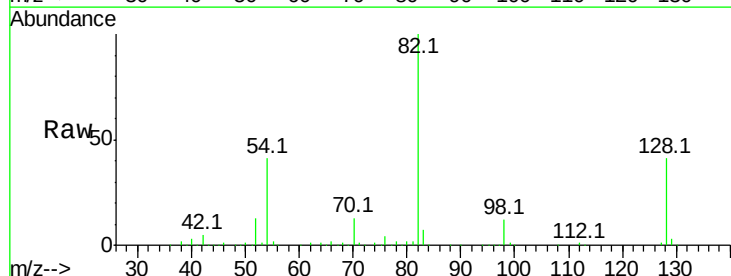
Instrument :
BNA_F
ClientSampleId :
72-11938

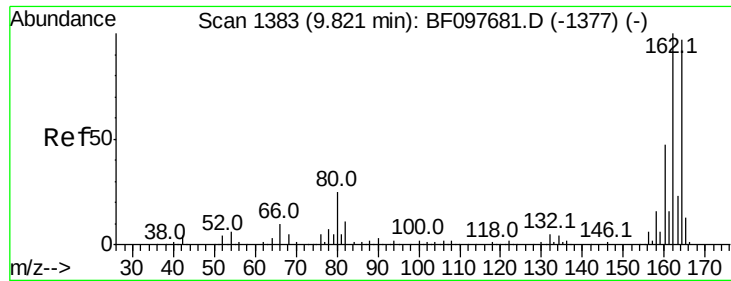
Tot Ion:136 Resp: 358637
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 8.3 4.9 7.3#
68 7.5 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 109.799 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF097951.D
Acq: 22 Aug 2017 13:09

Tgt Ion: 82 Resp: 724867
Ion Ratio Lower Upper
82 100
128 40.7 34.0 51.0
54 41.0 42.2 63.2#

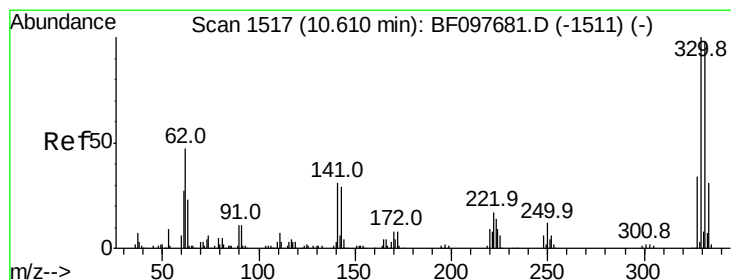
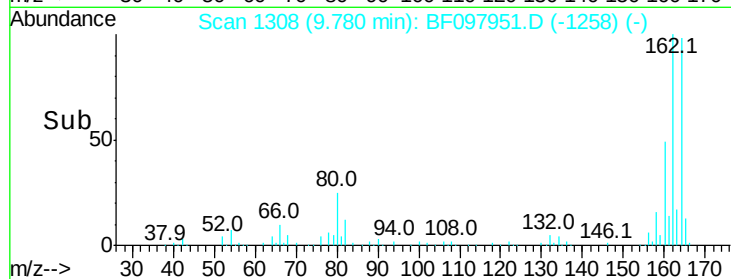
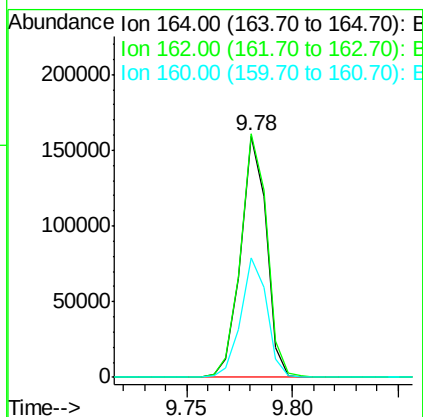
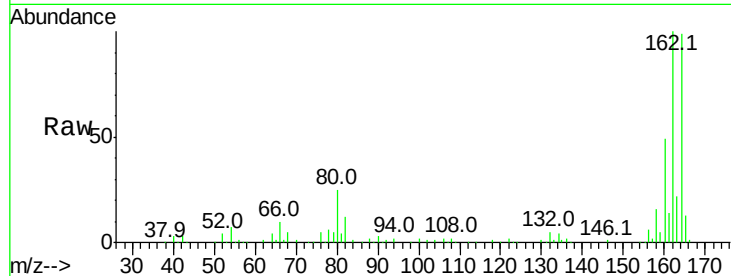




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097951.D
 Acq: 22 Aug 2017 13:09

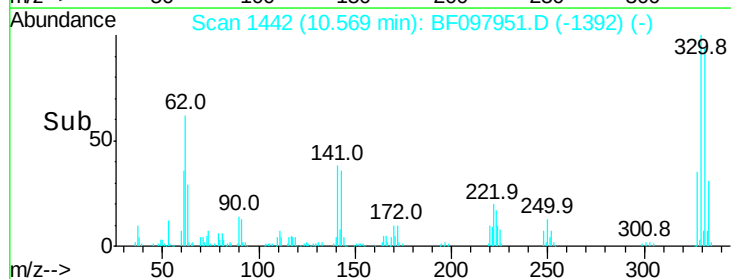
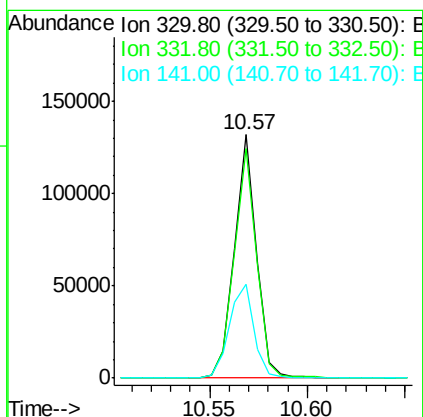
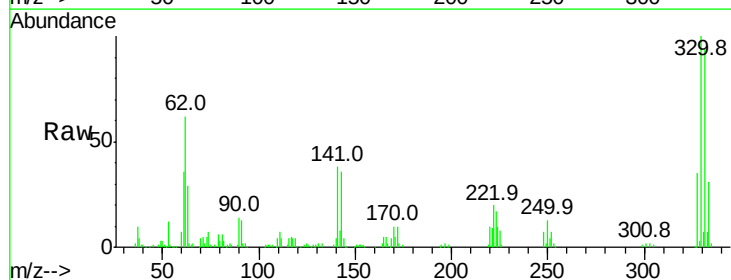
Instrument :
 BNA_F
 ClientSampleId :
 72-11938

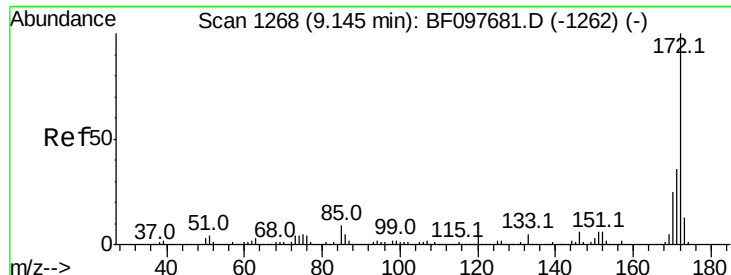
Tot Ion:164 Resp: 134301
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 49.3 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 89.047 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097951.D
 Acq: 22 Aug 2017 13:09

Tgt Ion:330 Resp: 103765
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 43.1 31.4 47.2

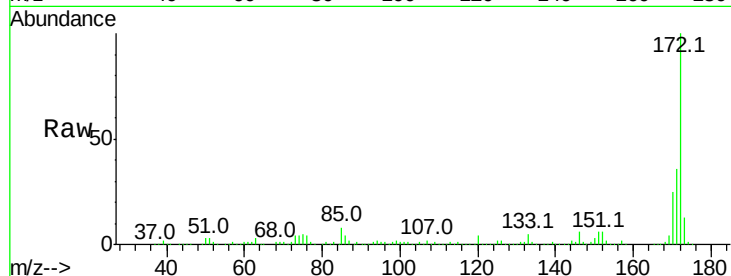




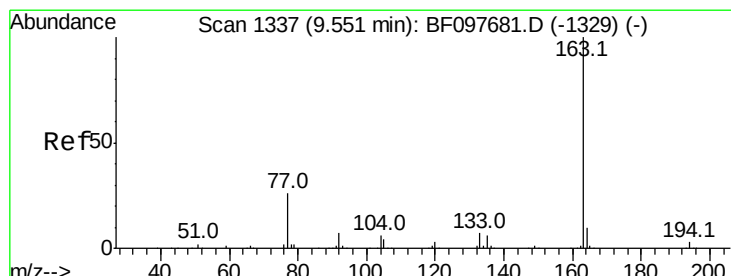
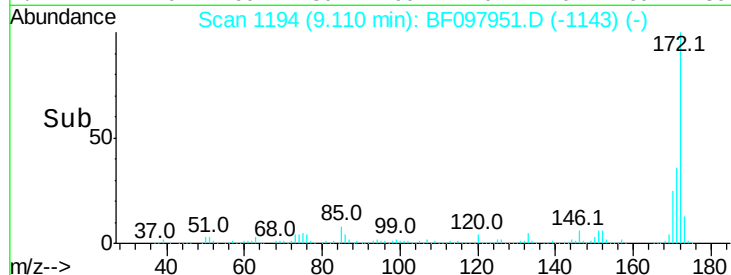
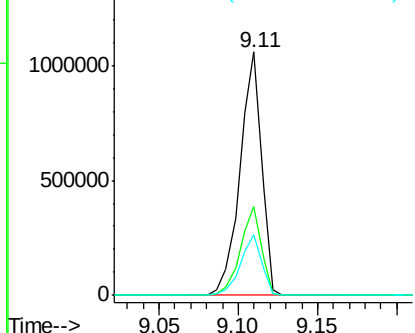
#44
2-Fluorobiphenyl
Concen: 108.695 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097951.D
Acq: 22 Aug 2017 13:09

Instrument :
BNA_F
ClientSampleId :
72-11938

Tot Ion:172 Resp: 993586
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.7 19.8 29.8

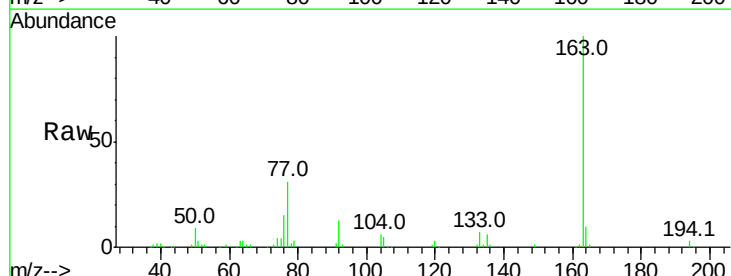


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

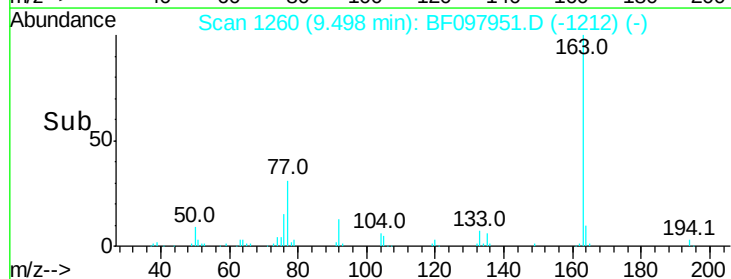
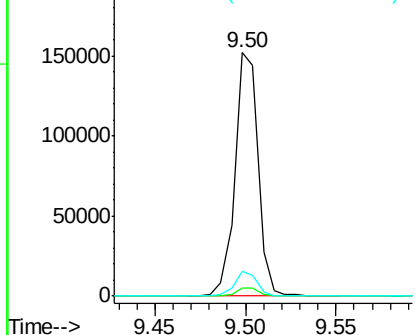


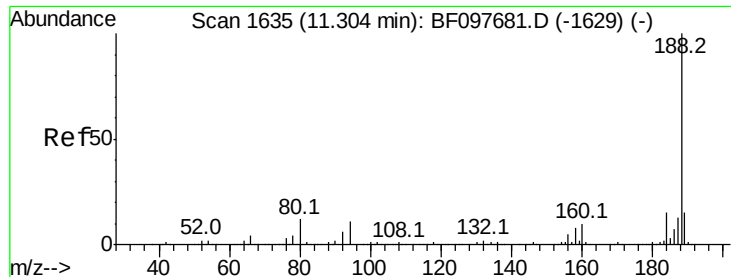
#49
Dimethylphthalate
Concen: 13.801 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097951.D
Acq: 22 Aug 2017 13:09

Tgt Ion:163 Resp: 135480
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 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: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

Instrument :

BNA_F

ClientSampleId :

72-11938

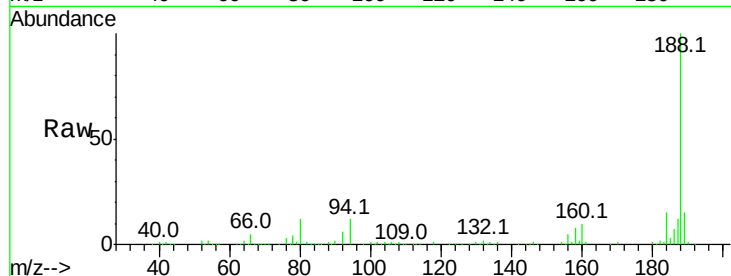
Tot Ion:188 Resp: 227520

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

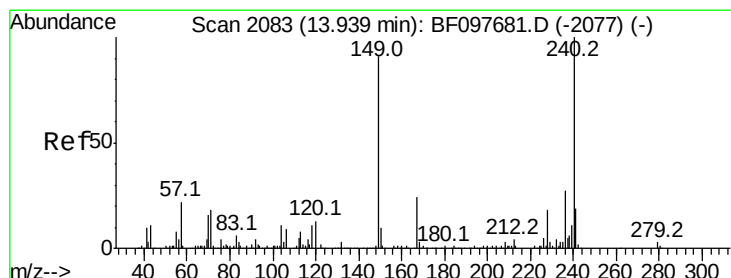
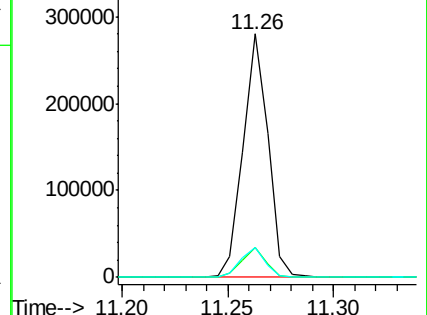
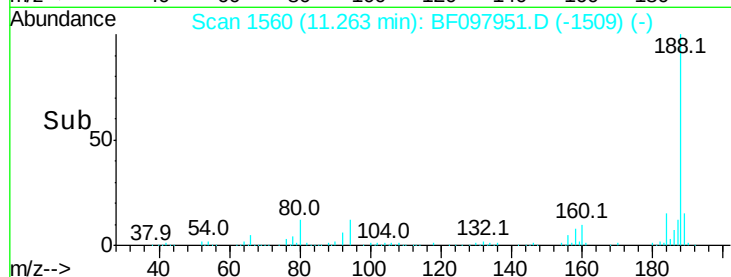
80 12.3 10.2 15.2



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: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

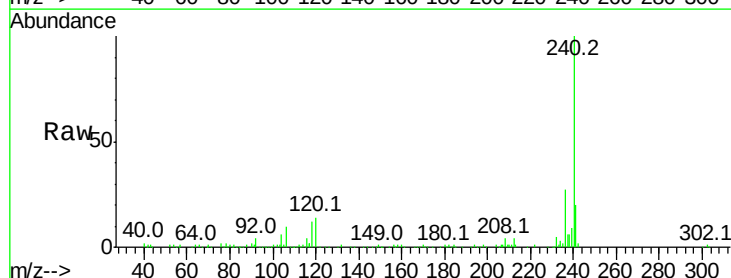
Tgt Ion:240 Resp: 192275

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

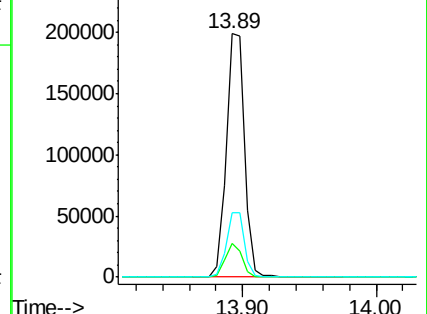
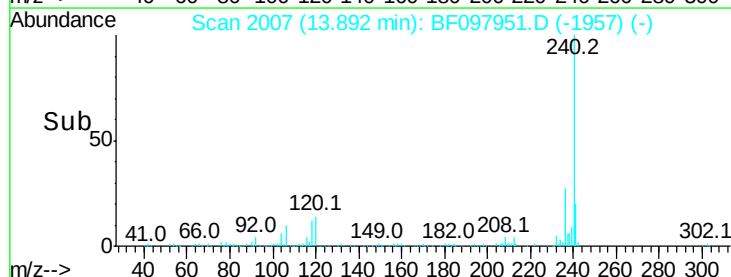
236 26.6 20.5 30.7

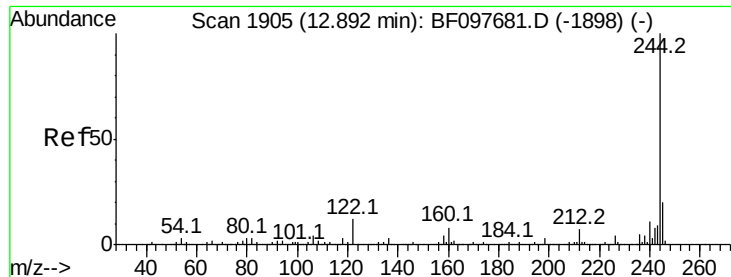


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.146 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

Instrument :

BNA_F

ClientSampleId :

72-11938

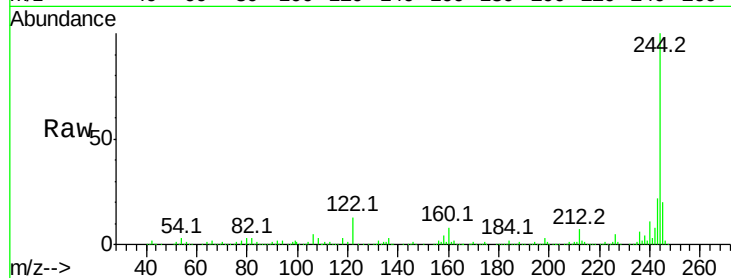
Tot Ion:244 Resp: 748193

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

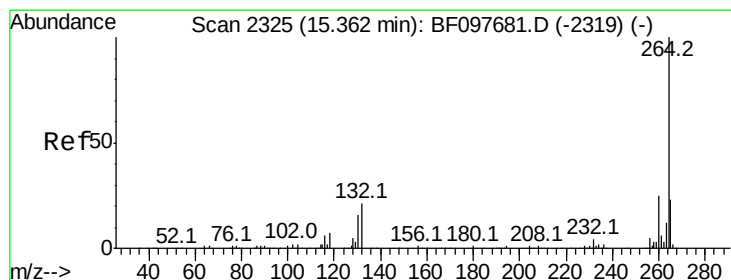
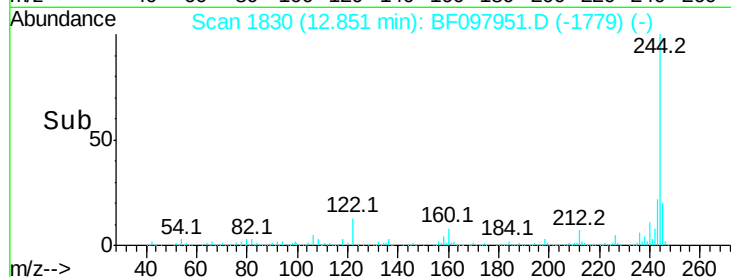
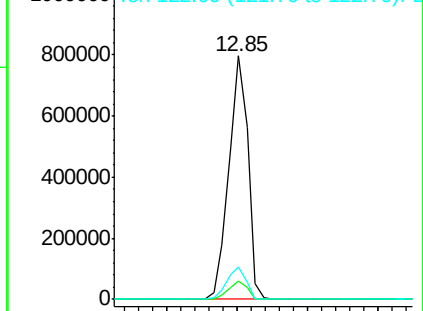
122 13.5 10.3 15.5



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

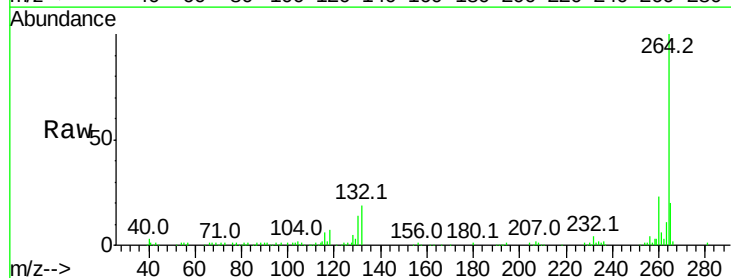
Tgt Ion:264 Resp: 126232

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 20.0 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

