

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102732.D
 Acq On : 5 Feb 2018 12:25
 Operator : SJ/JU
 Sample : J1436-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B13

Quant Time: Feb 05 16:01:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

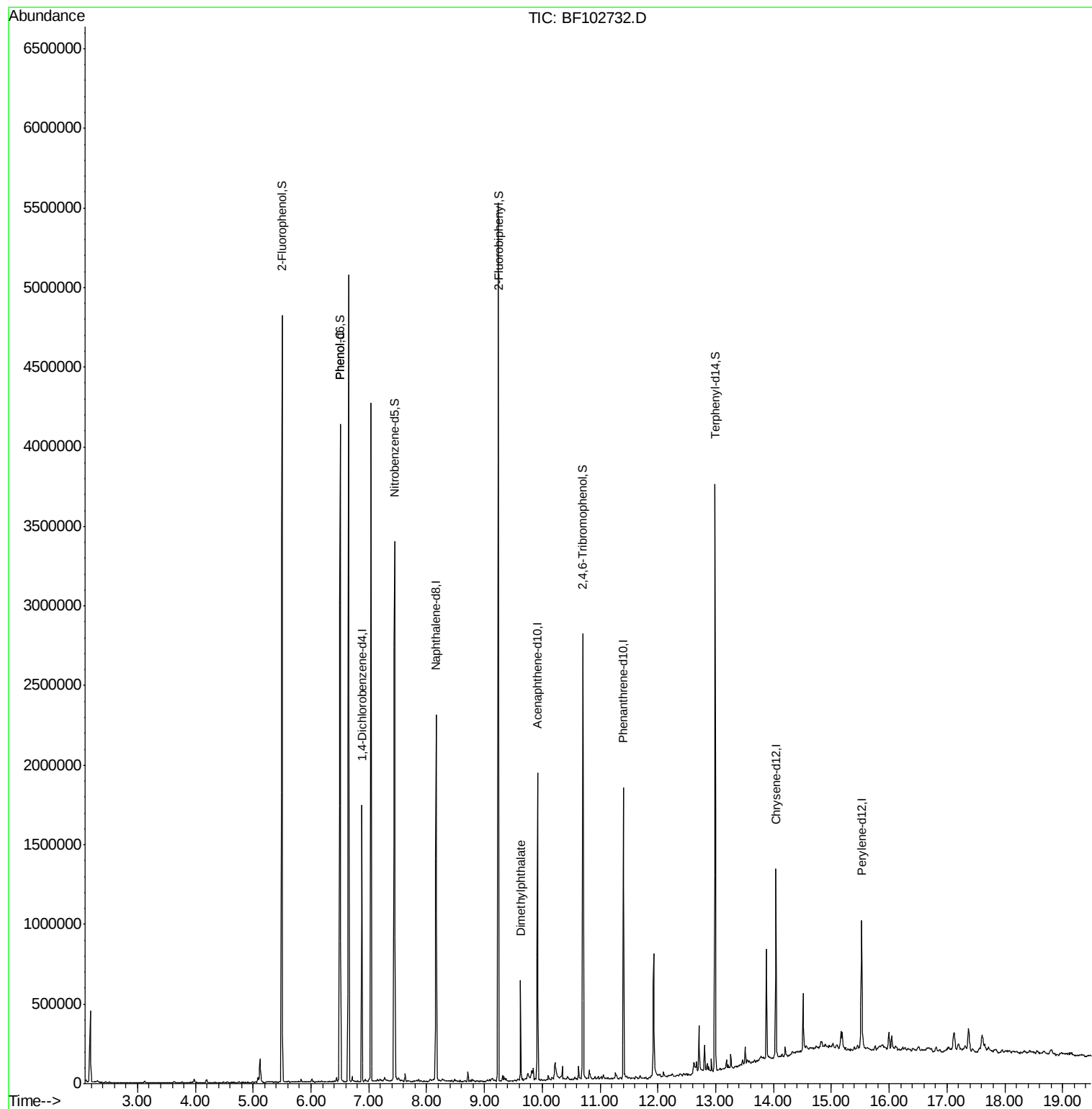
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	224249	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	907271	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	392004	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	605418	20.00	ng	0.00
75) Chrysene-d12	14.04	240	386008	20.00	ng	-0.01
86) Perylene-d12	15.52	264	367621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1455365	98.56	ng	0.00
7) Phenol-d6	6.51	99	1710328	96.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	1052616	80.48	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	333991	105.86	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1664186	70.45	ng	0.00
78) Terphenyl-d14	12.99	244	1198715	73.53	ng	0.00
Target Compounds						
10) Phenol	6.52	94	79264	4.160	ng	92
49) Dimethylphthalate	9.63	163	207199	6.779	ng	99

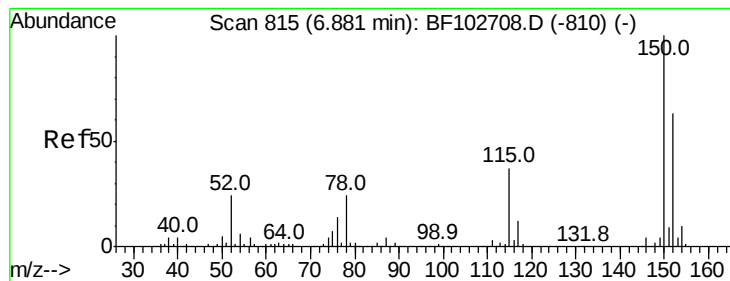
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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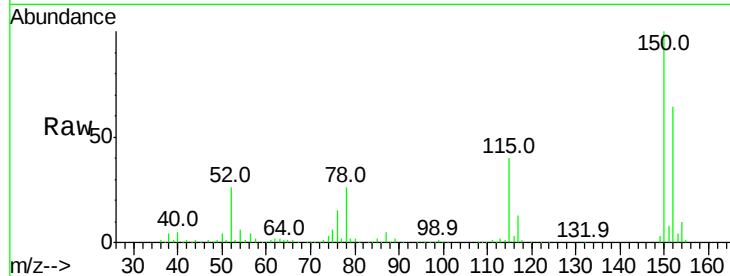


#1

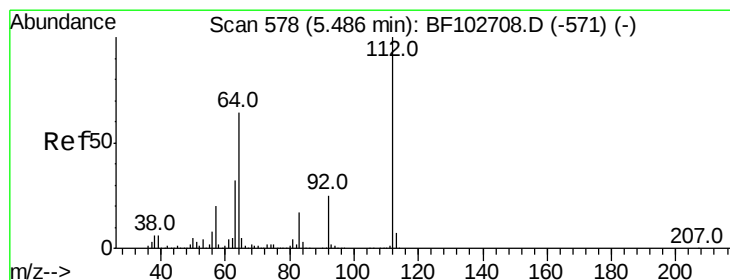
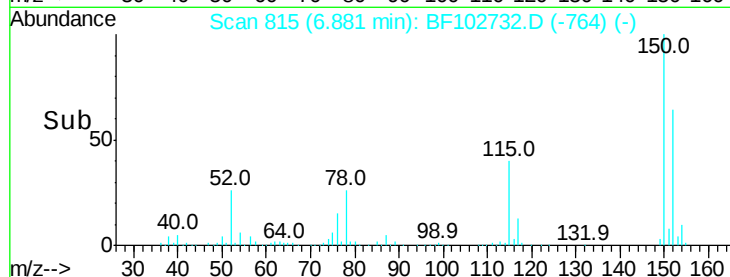
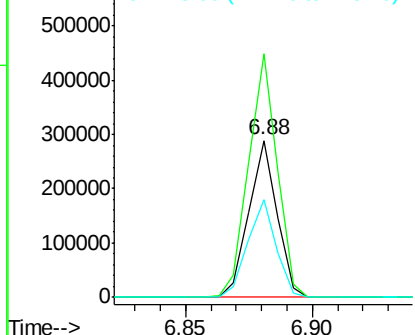
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampled :
B13

Tot Ion:152 Resp: 224249
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 62.5 50.1 75.1



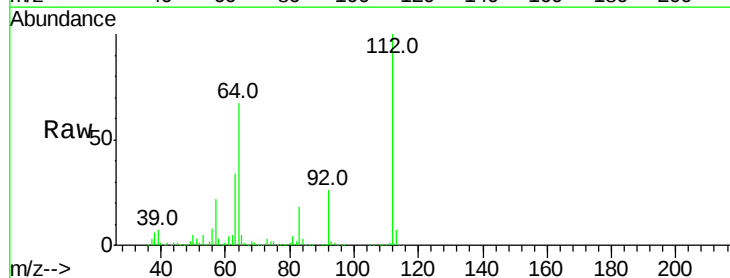
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



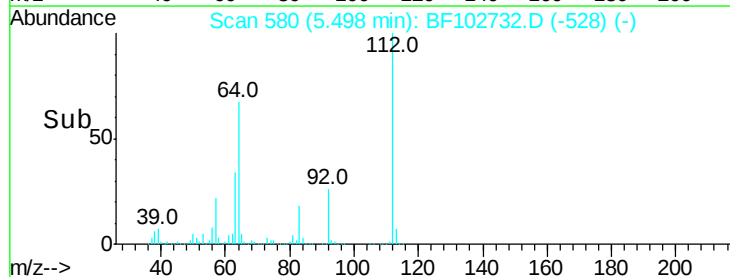
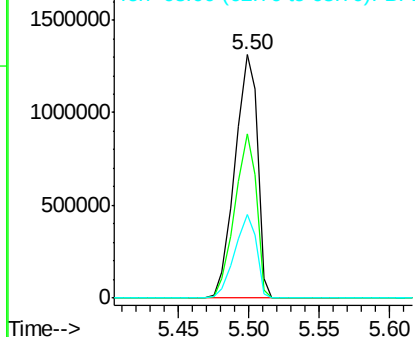
#5

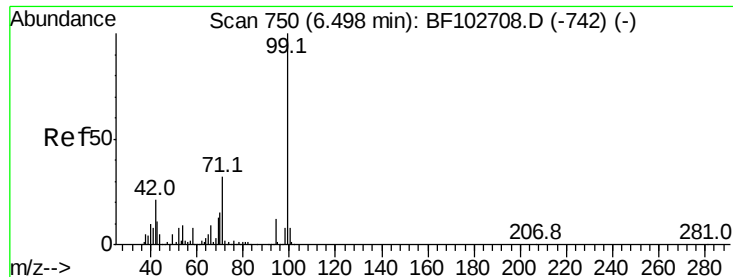
2-Fluorophenol
Concen: 98.561 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:112 Resp: 1455365
Ion Ratio Lower Upper
112 100
64 67.3 47.9 71.9
63 34.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 96.197 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102732.D

Acq: 5 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

B13

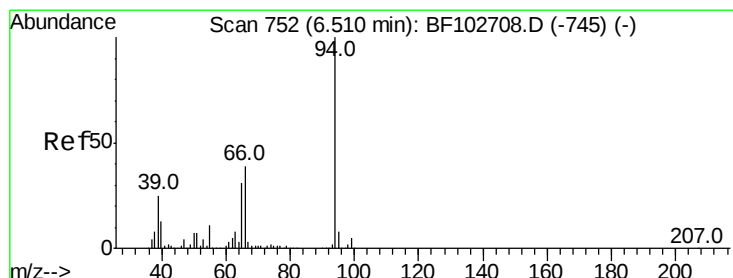
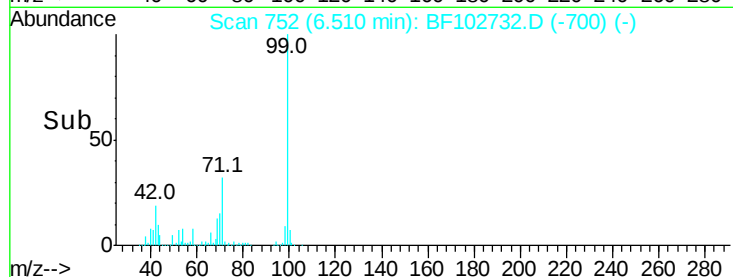
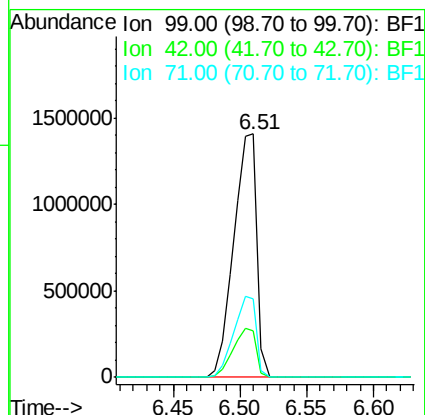
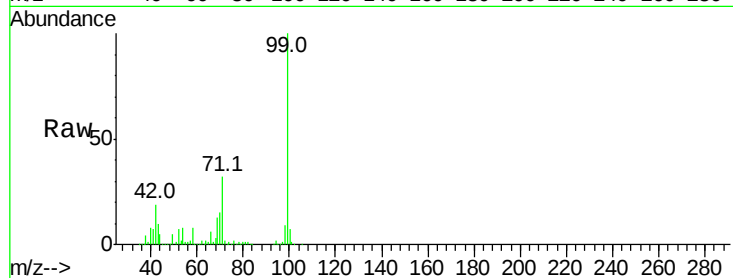
Tot Ion: 99 Resp: 1710328

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 32.3 25.4 38.0



#10

Phenol

Concen: 4.160 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102732.D

Acq: 5 Feb 2018 12:25

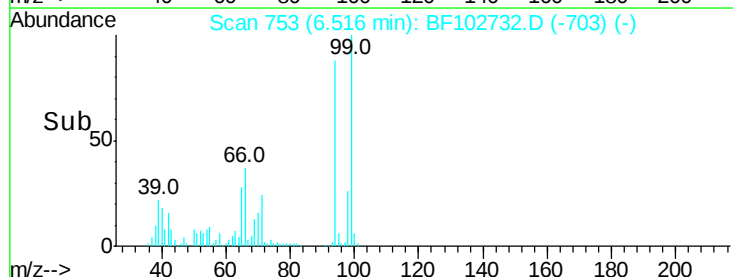
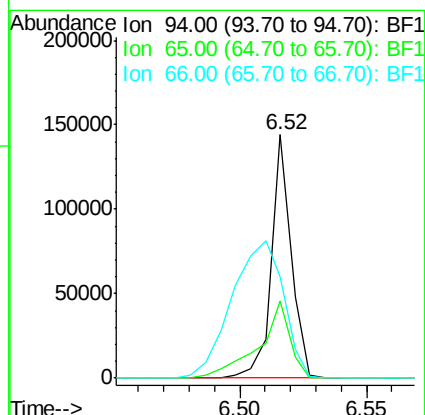
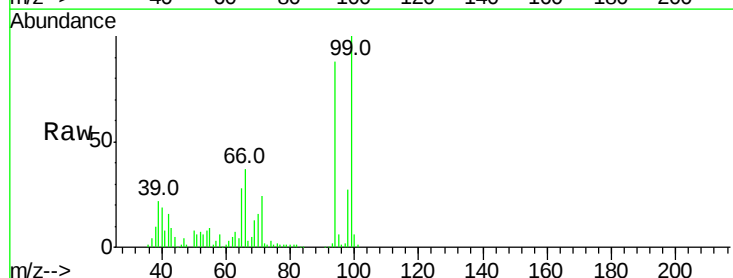
Tgt Ion: 94 Resp: 79264

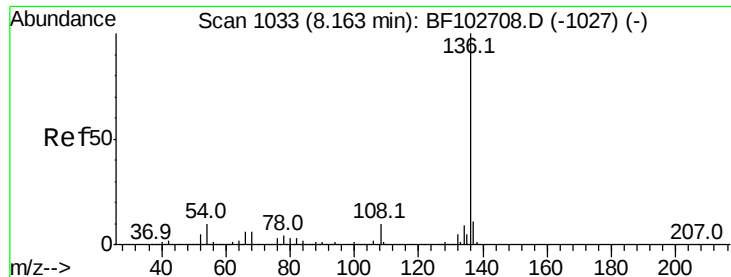
Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

66 41.8 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102732.D

Acq: 5 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

B13

Tot Ion:136 Resp: 907271

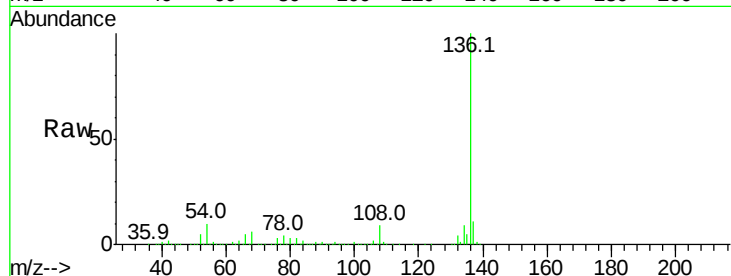
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.9 6.6 9.8#

68 6.3 5.0 7.4

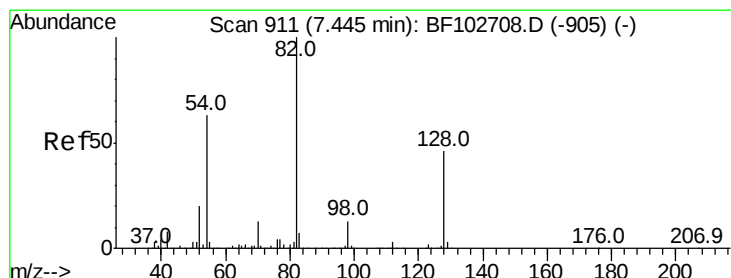
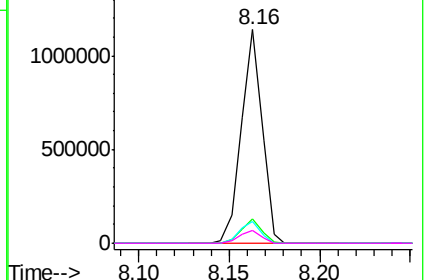
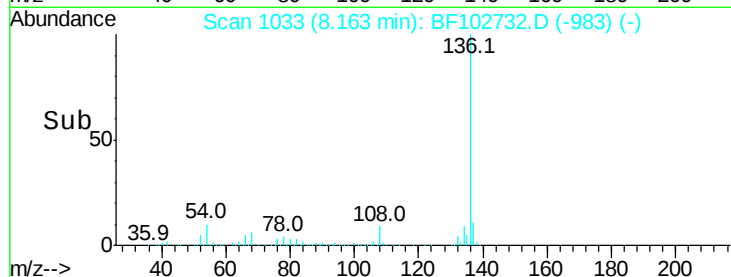


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 80.484 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102732.D

Acq: 5 Feb 2018 12:25

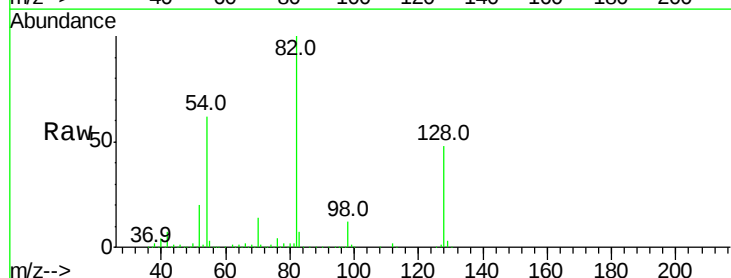
Tgt Ion: 82 Resp: 1052616

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

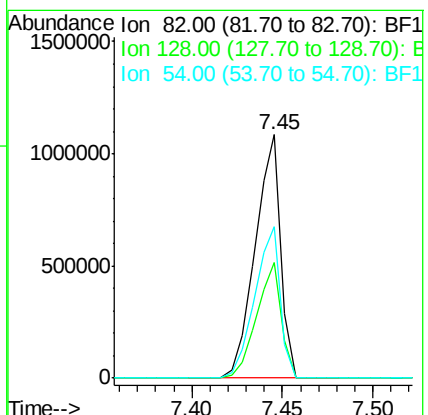
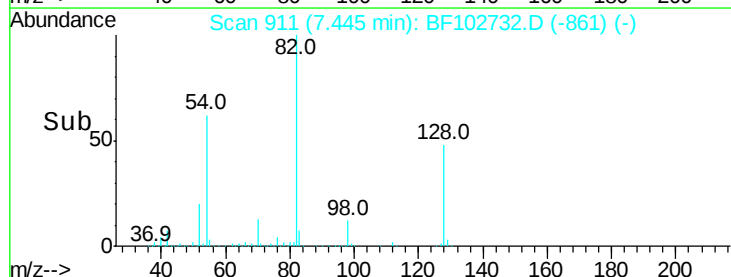
54 62.4 41.4 62.2#

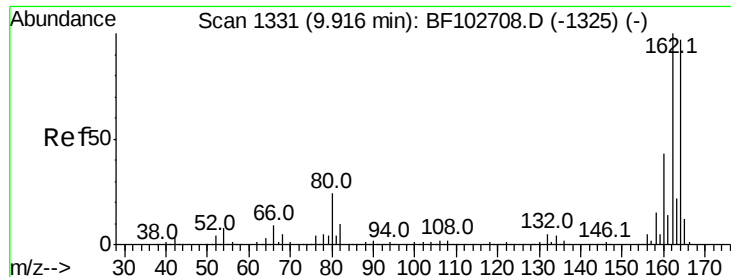


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

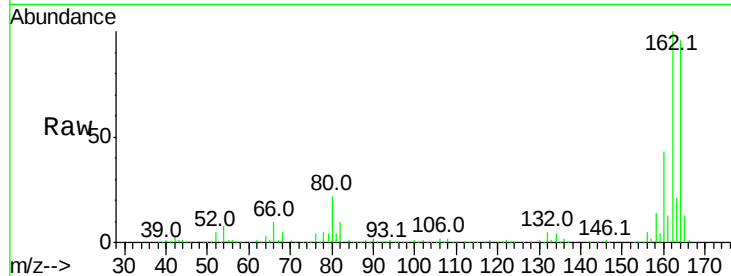




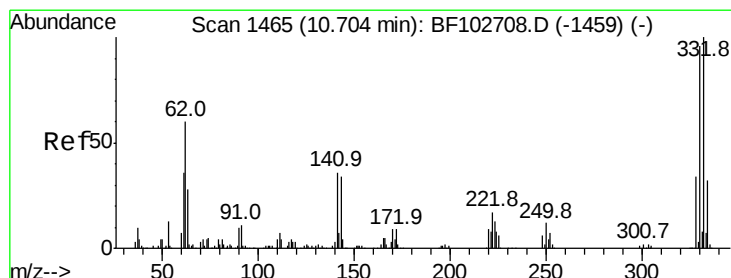
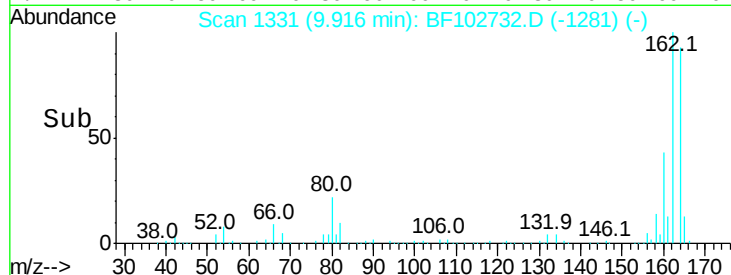
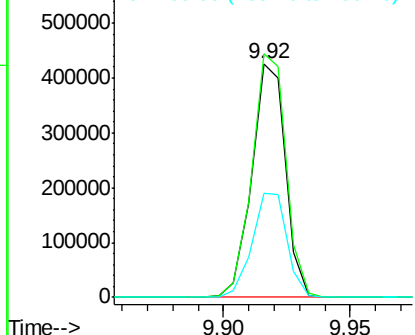
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :
B13

Tot Ion:164 Resp: 392004
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 44.7 38.3 57.5

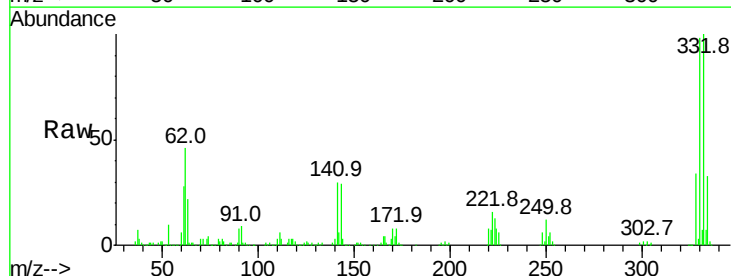


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

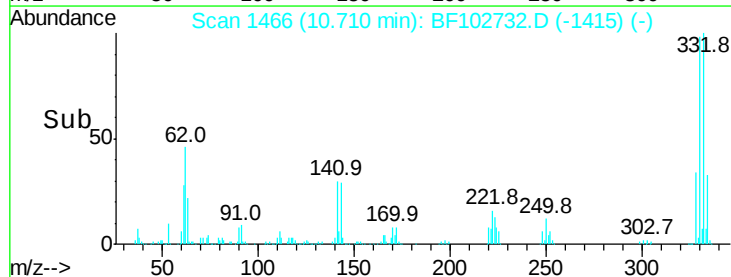
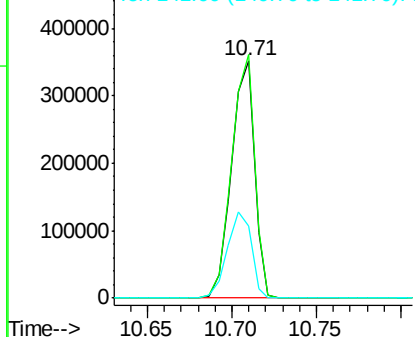


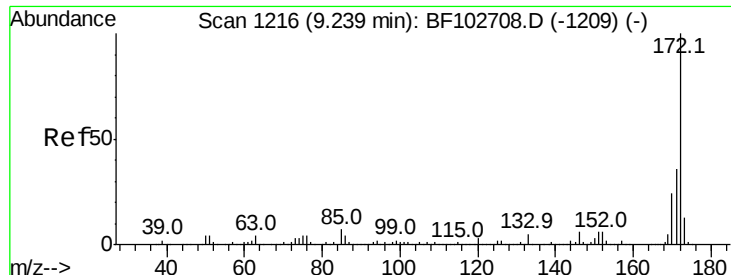
#41
2,4,6-Tribromophenol
Concen: 105.855 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:330 Resp: 333991
Ion Ratio Lower Upper
330 100
332 102.0 77.0 115.6
141 38.1 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

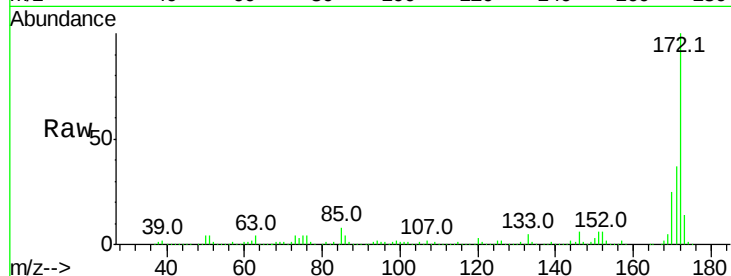




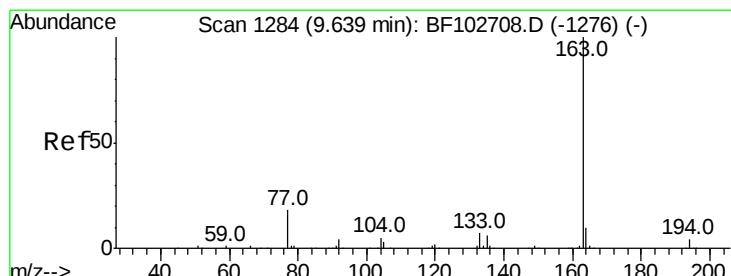
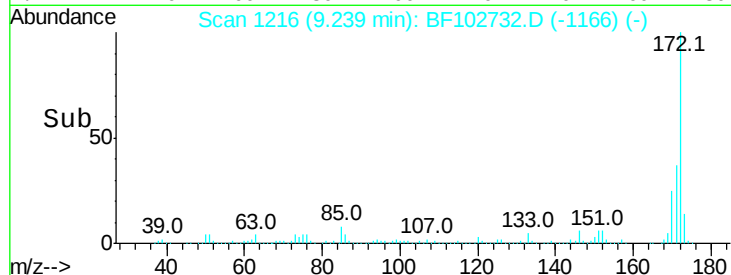
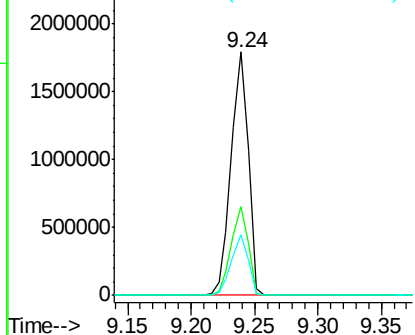
#44
2-Fluorobiphenyl
Concen: 70.445 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :
B13

Tot Ion:172 Resp: 1664186
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.9 19.6 29.4

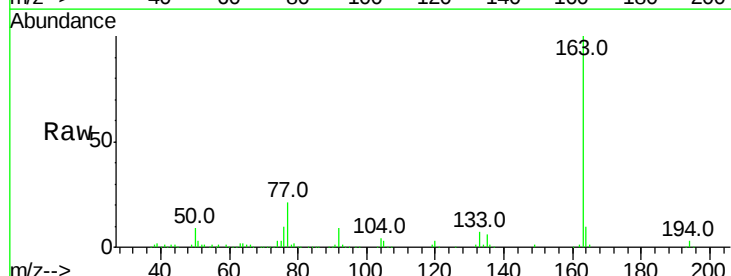


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

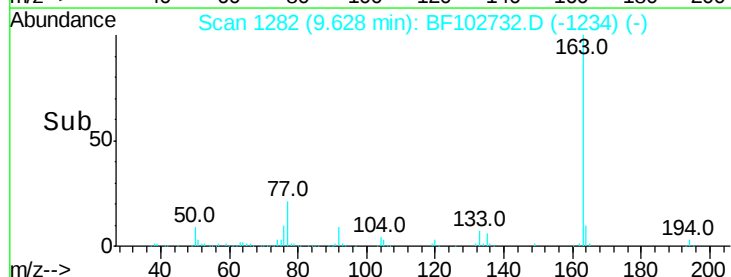
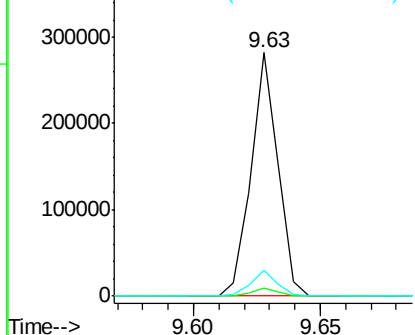


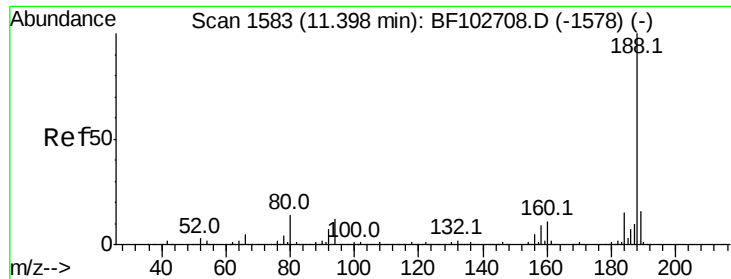
#49
Dimethylphthalate
Concen: 6.779 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:163 Resp: 207199
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.5 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

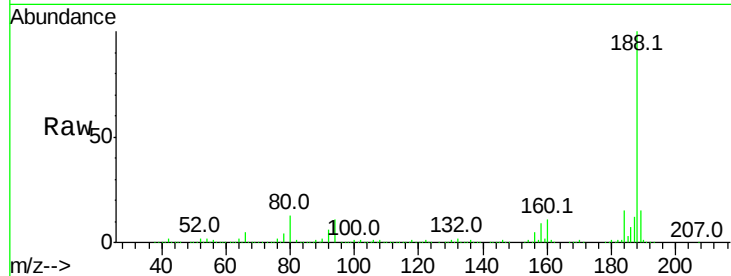




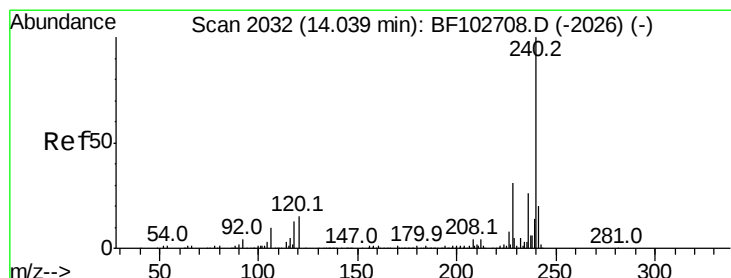
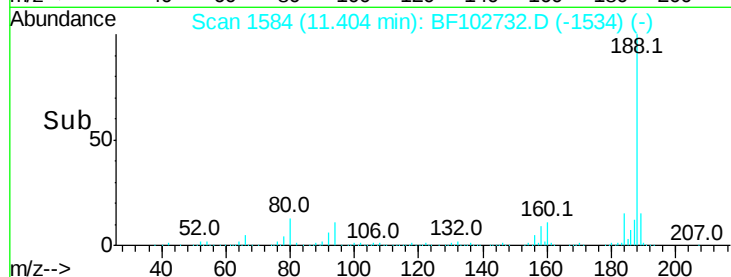
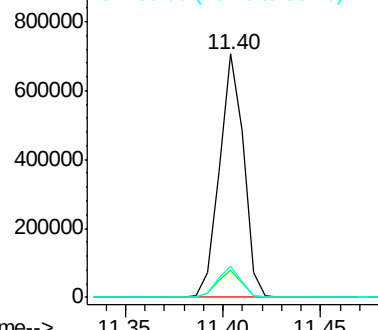
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :
B13

Tot Ion:188 Resp: 605418
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.7 9.2 13.8

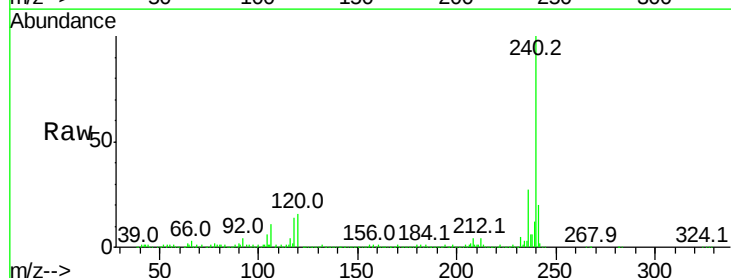


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

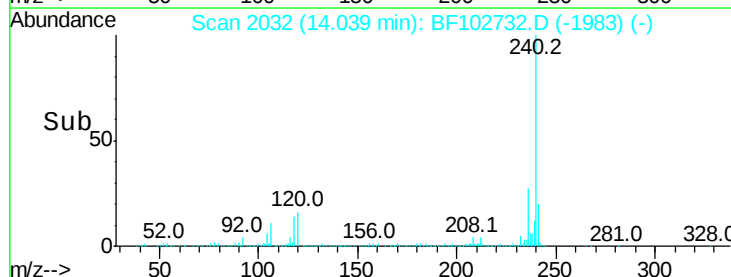
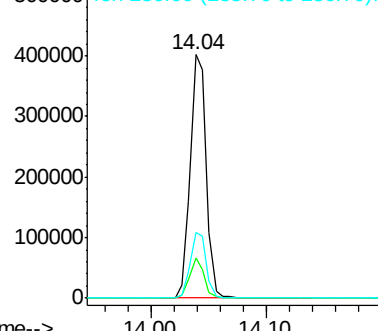


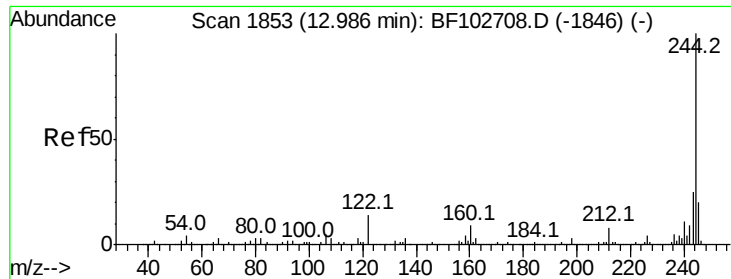
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:240 Resp: 386008
Ion Ratio Lower Upper
240 100
120 16.5 9.5 14.3#
236 27.0 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: 73.529 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102732.D

Acq: 5 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

B13

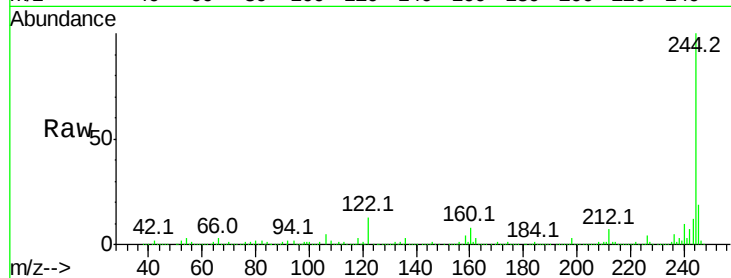
Tot Ion:244 Resp: 1198715

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

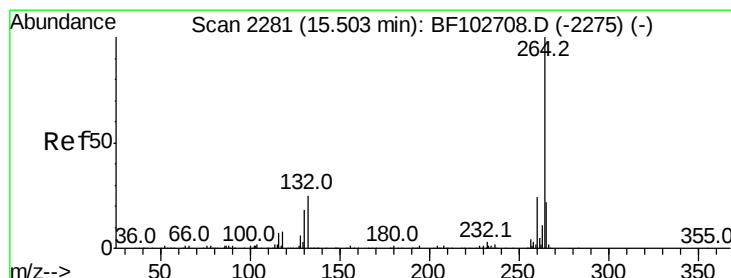
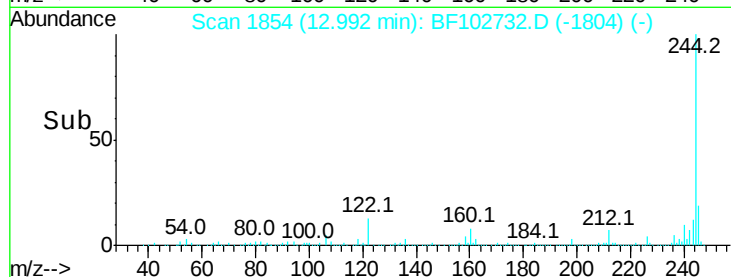
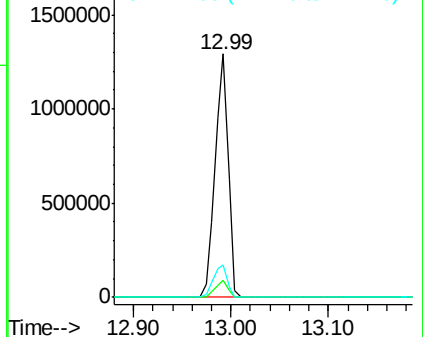
122 13.3 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102732.D

Acq: 5 Feb 2018 12:25

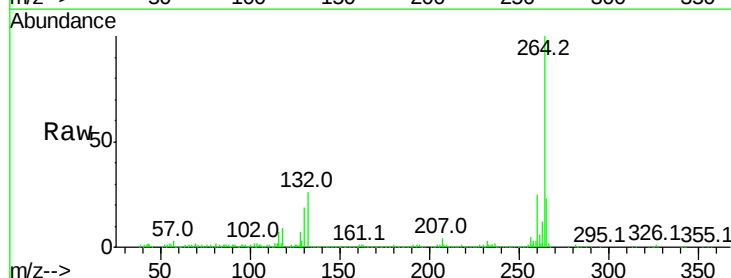
Tgt Ion:264 Resp: 367621

Ion Ratio Lower Upper

264 100

260 25.5 19.2 28.8

265 23.0 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

