

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110357.D
 Acq On : 1 Nov 2018 3:19
 Operator : JU/SJ
 Sample : J5731-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 103018-DBRI-E-U-B

Quant Time: Nov 01 05:33:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

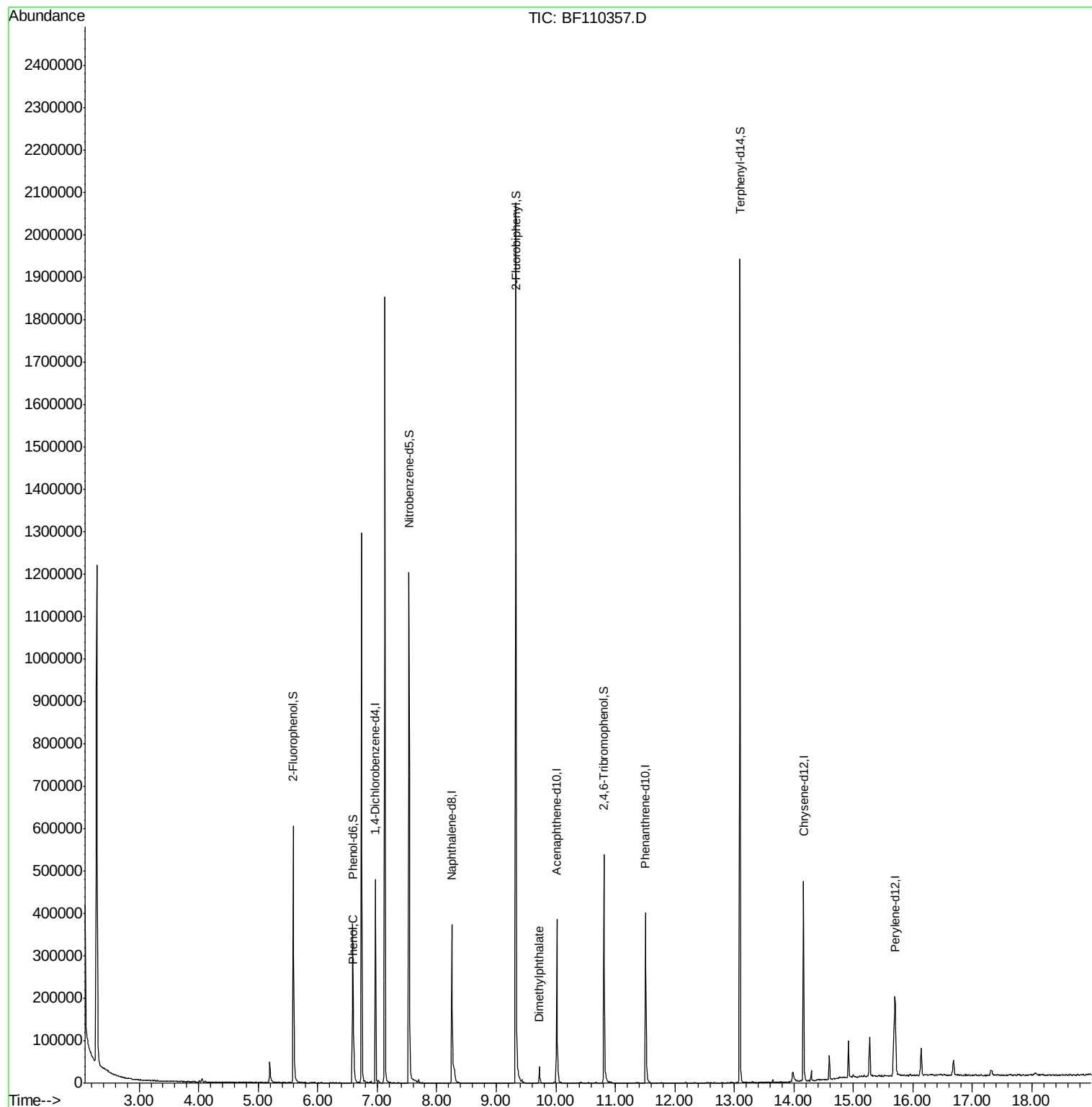
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	68701	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	238155	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	93410	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	168091	20.00	ng	0.00
76) Chrysene-d12	14.16	240	176808	20.00	ng	0.00
87) Perylene-d12	15.70	264	108246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	178076	42.21	ng	0.00
7) Phenol-d6	6.59	99	129928	24.08	ng	-0.02
23) Nitrobenzene-d5	7.53	82	399851	99.58	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	77844	84.13	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	687780	115.62	ng	0.00
79) Terphenyl-d14	13.09	244	659924	77.62	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	32278	5.596	ng	Qvalue # 63
50) Dimethylphthalate	9.72	163	24256	3.518	ng	97

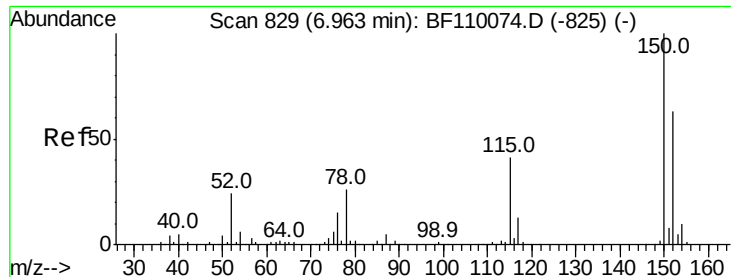
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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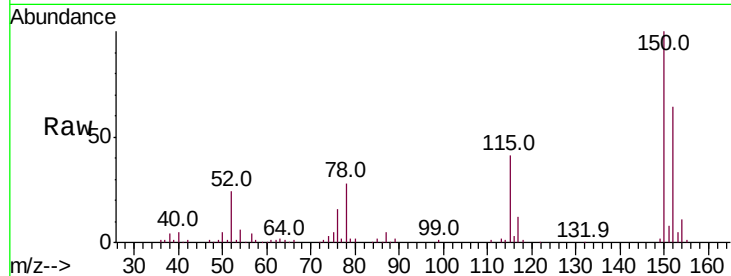


#1

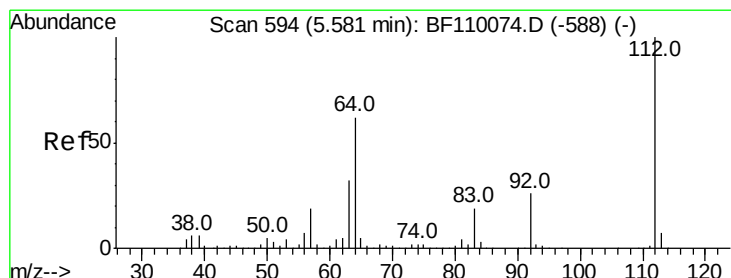
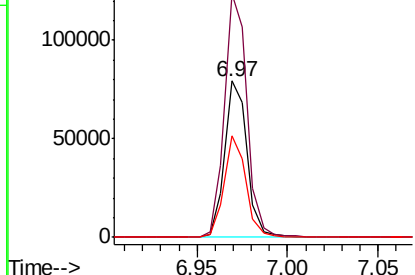
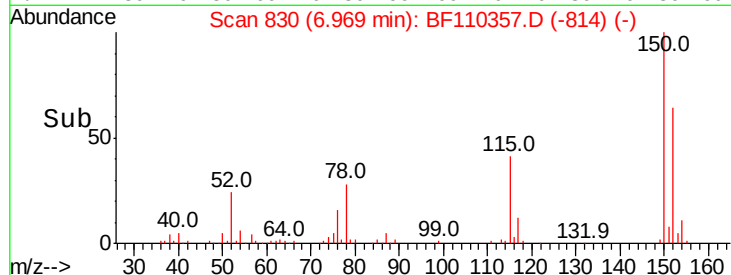
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Instrument :
BNA_F
ClientSampleId :
103018-DBRI-E-U-B

Tot Ion:152 Resp: 68701
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 64.6 49.1 73.7



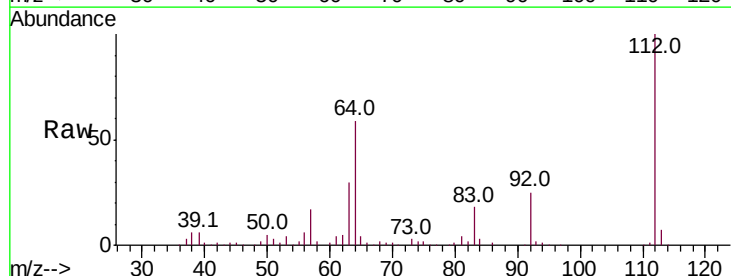
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



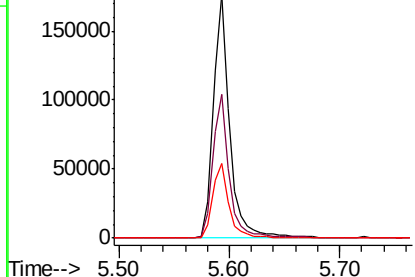
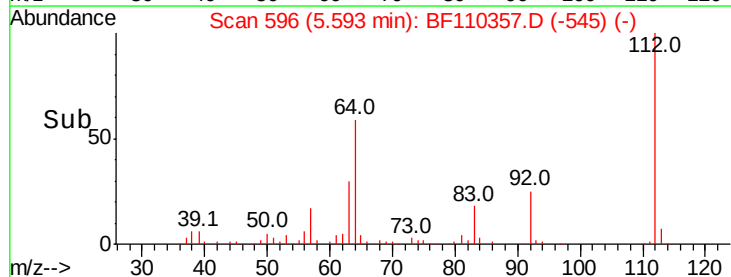
#5

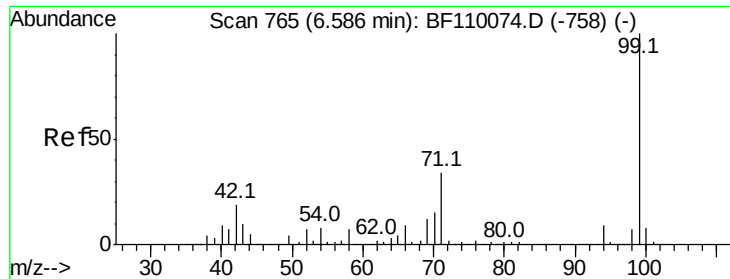
2-Fluorophenol
Concen: 42.210 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110357.D
Acq: 1 Nov 2018 3:19

Tgt Ion:112 Resp: 178076
Ion Ratio Lower Upper
112 100
64 59.0 44.1 66.1
63 30.5 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: 24.078 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110357.D

Acq: 1 Nov 2018 3:19

Instrument :

BNA_F

ClientSampleId :

103018-DBRI-E-U-B

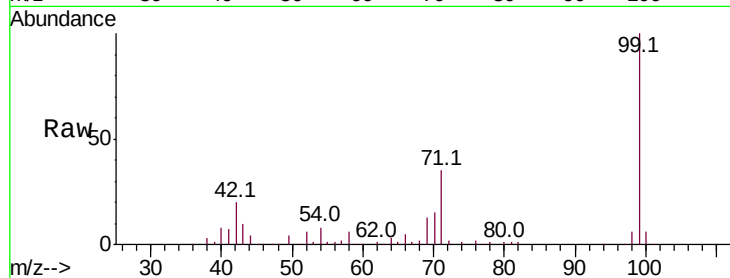
Tot Ion: 99 Resp: 129928

Ion Ratio Lower Upper

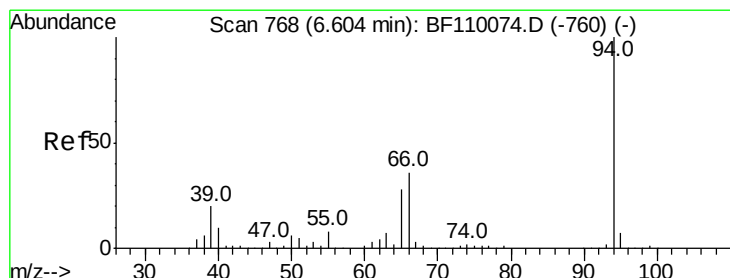
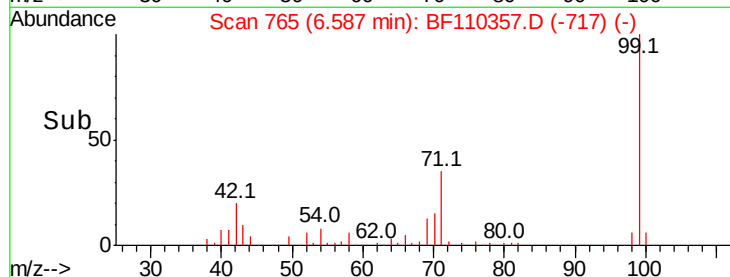
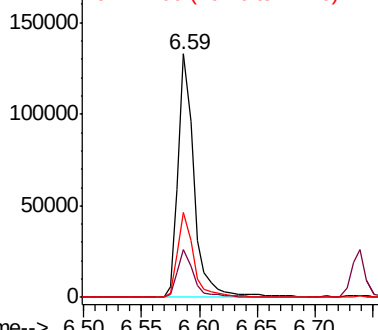
99 100

42 19.6 15.8 23.6

71 34.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.596 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110357.D

Acq: 1 Nov 2018 3:19

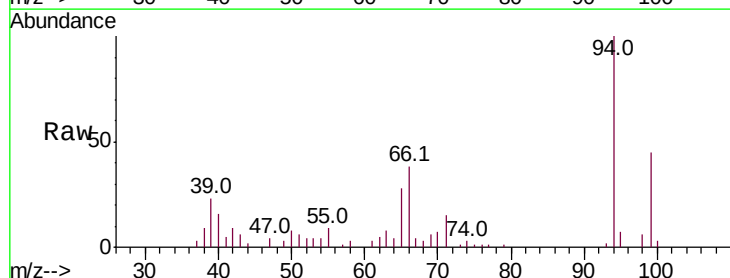
Tgt Ion: 94 Resp: 32278

Ion Ratio Lower Upper

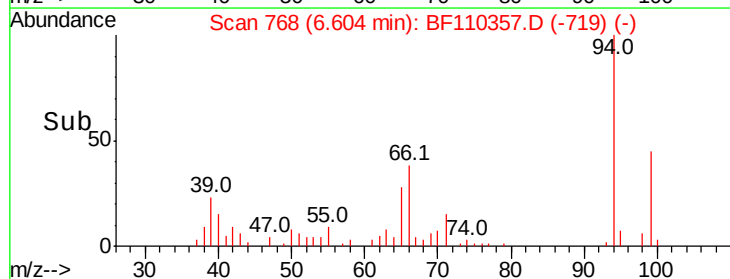
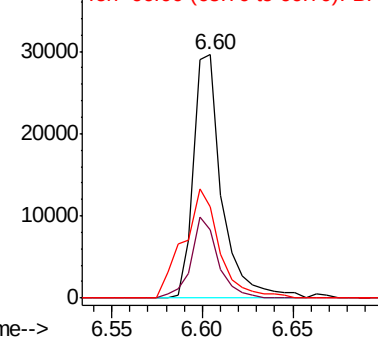
94 100

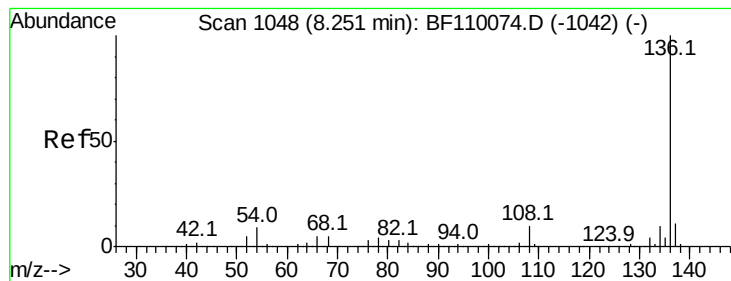
65 27.9 25.3 65.3

66 37.6 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF110357.D

Acq: 1 Nov 2018 3:19

Instrument :

BNA_F

ClientSampleId :

103018-DBRI-E-U-B

Tot Ion:136 Resp: 238155

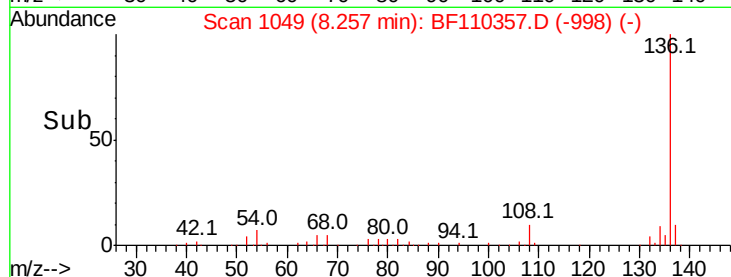
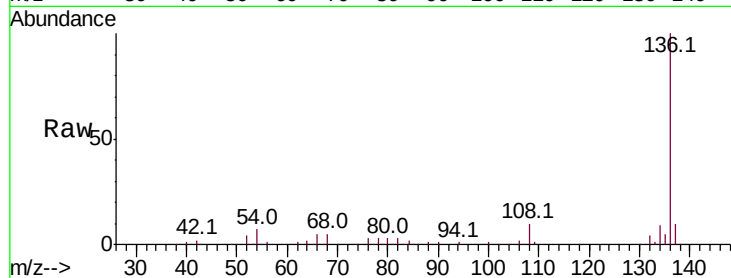
Ion Ratio Lower Upper

136 100

137 10.2 8.8 13.2

54 7.3 5.4 8.2

68 5.1 4.2 6.2

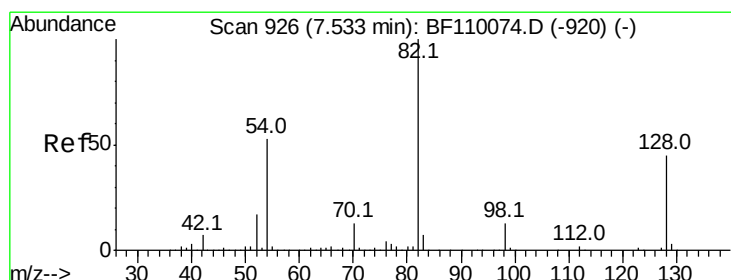
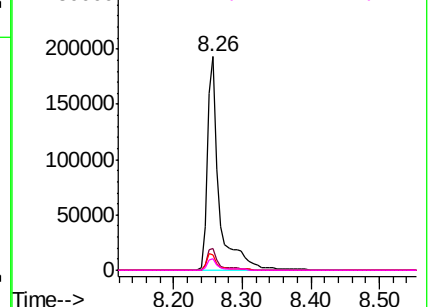


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.584 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF110357.D

Acq: 1 Nov 2018 3:19

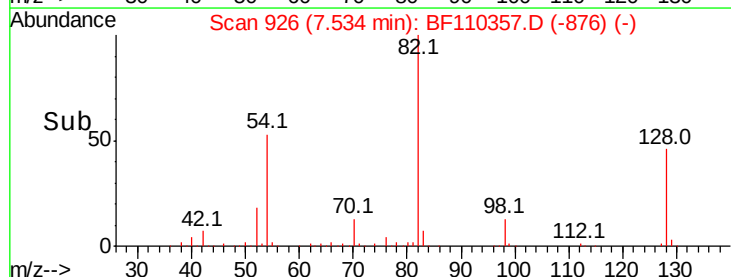
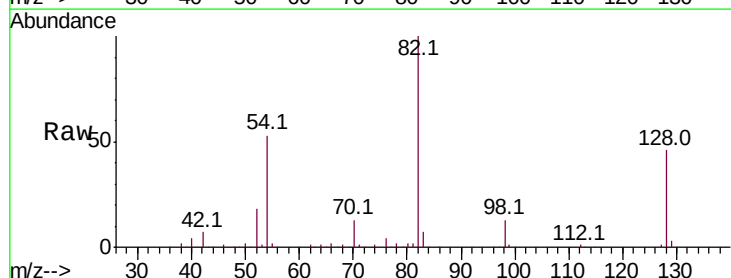
Tgt Ion: 82 Resp: 399851

Ion Ratio Lower Upper

82 100

128 45.7 34.2 51.2

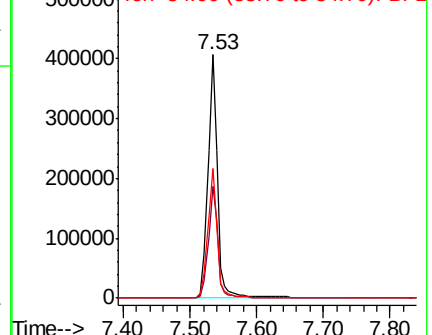
54 53.1 38.6 58.0

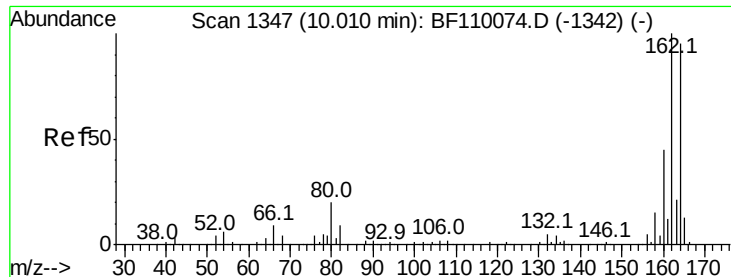


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110357.D

Acq: 1 Nov 2018 3:19

Instrument :

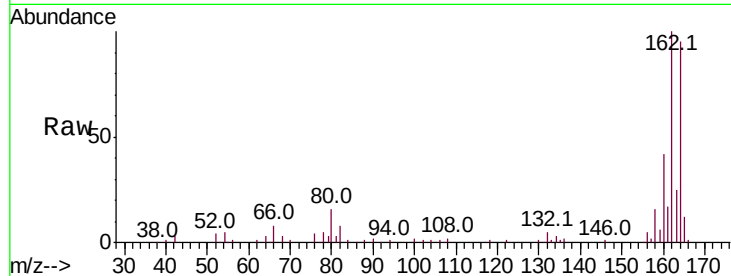
BNA_F

ClientSampleId :

103018-DBRI-E-U-B

Tot Ion:164 Resp: 93410

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.6
160	44.5	37.0	55.6

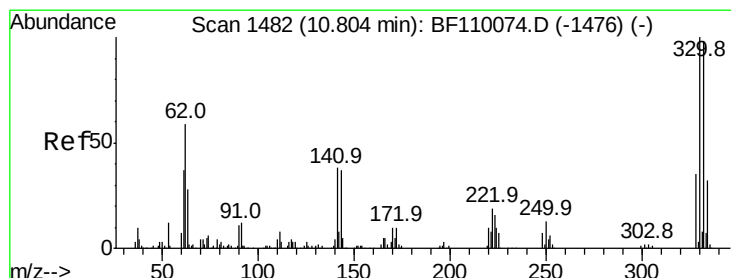
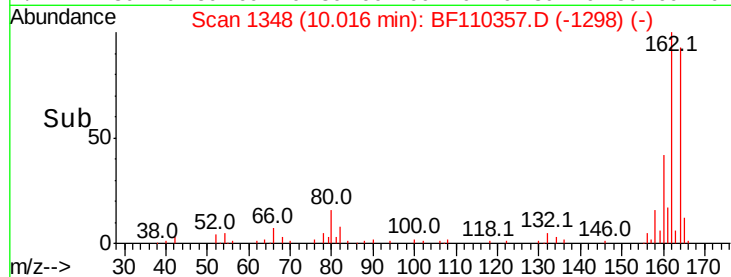
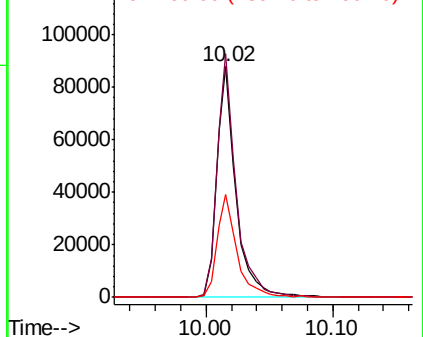


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 84.129 ng

RT: 10.81 min Scan# 1483

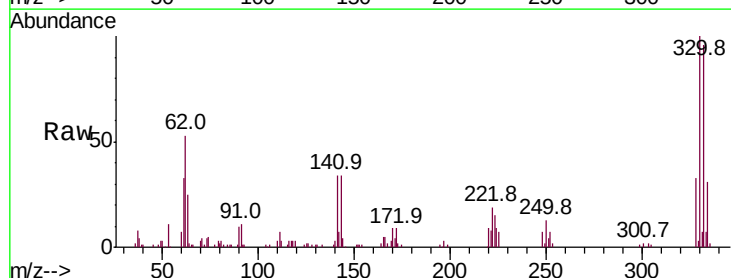
Delta R.T. -0.01 min

Lab File: BF110357.D

Acq: 1 Nov 2018 3:19

Tgt Ion:330 Resp: 77844

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	37.7	27.0	40.4

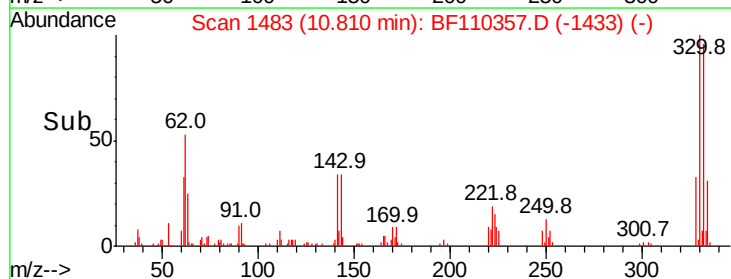
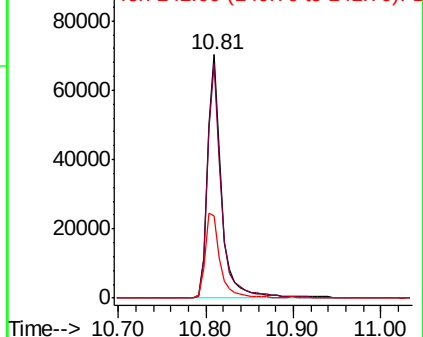


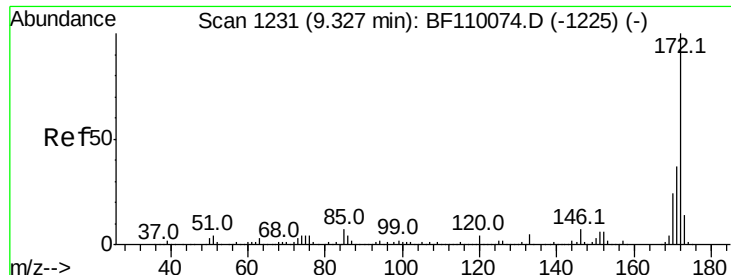
Abundance

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



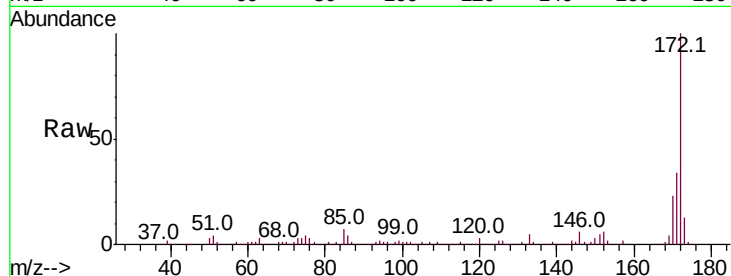


#45
 2-Fluorobiphenyl
 Concen: 115.618 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110357.D
 Acq: 1 Nov 2018 3:19

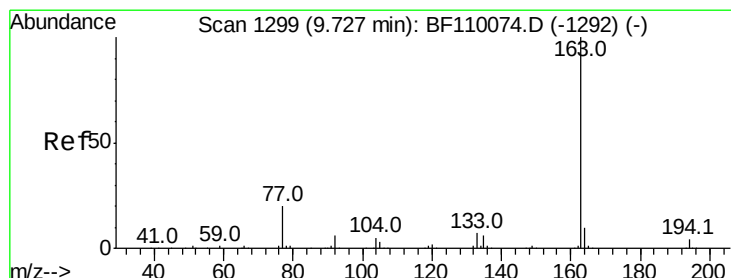
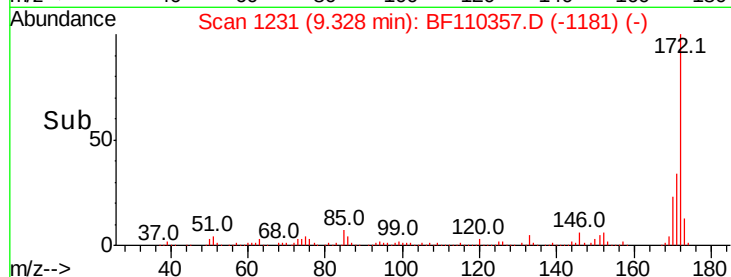
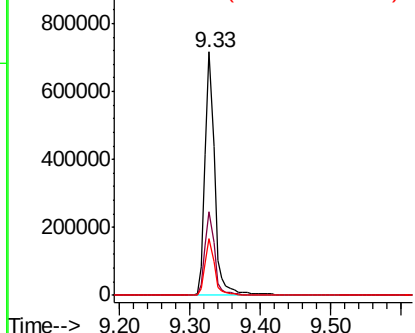
Instrument :
 BNA_F
 ClientSampleId :
 103018-DBRI-E-U-B

Tot Ion:172 Resp: 687780

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	23.2	19.7	29.5



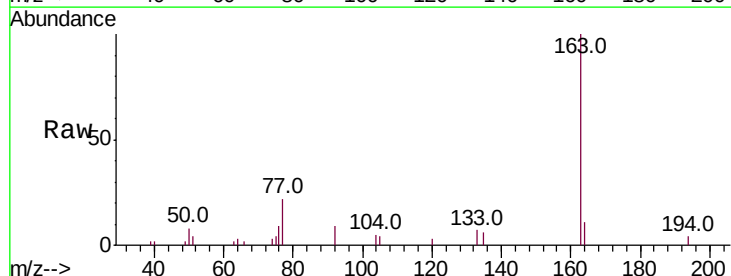
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



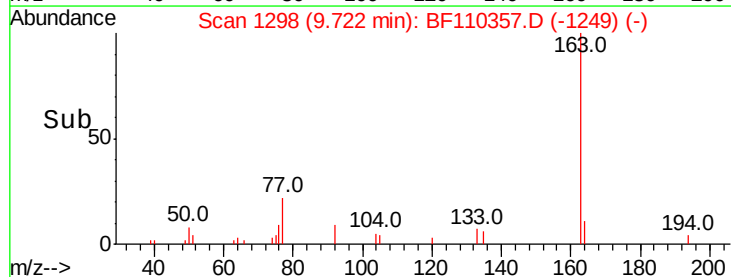
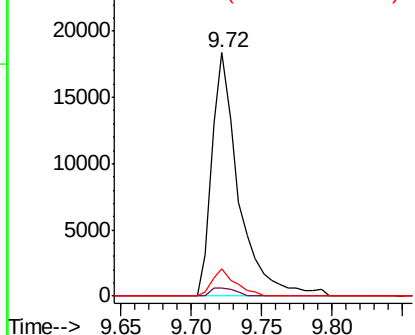
#50
 Dimethylphthalate
 Concen: 3.518 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF110357.D
 Acq: 1 Nov 2018 3:19

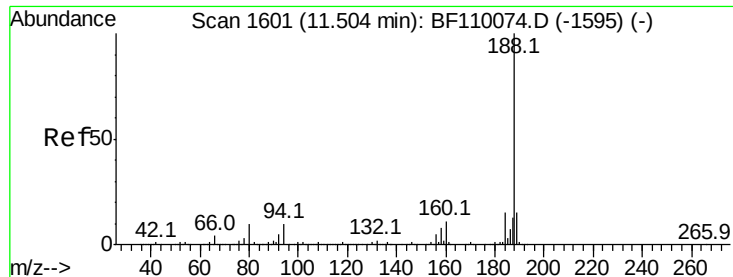
Tgt Ion:163 Resp: 24256

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	11.2	8.1	12.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF110357.D

Acq: 1 Nov 2018 3:19

Instrument :

BNA_F

ClientSampleId :

103018-DBRI-E-U-B

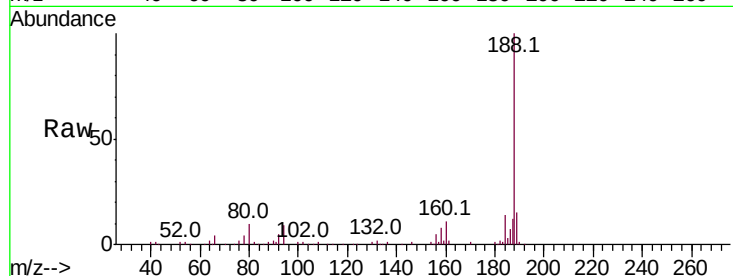
Tot Ion:188 Resp: 168091

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

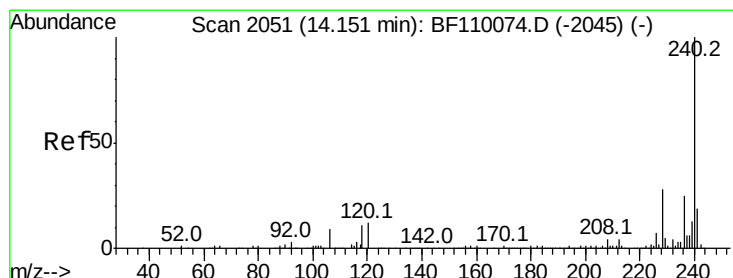
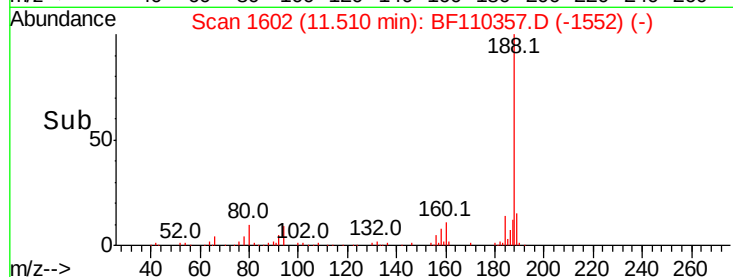
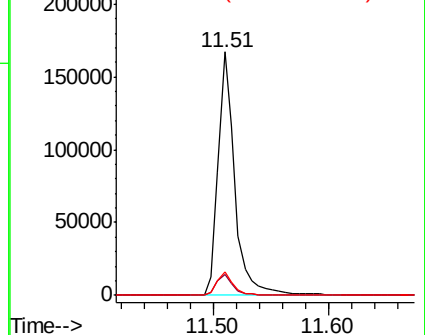
80 9.6 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110357.D

Acq: 1 Nov 2018 3:19

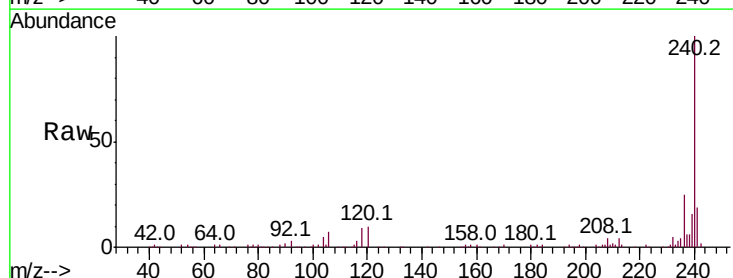
Tgt Ion:240 Resp: 176808

Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

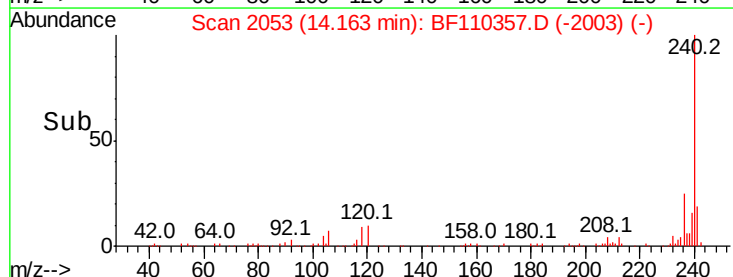
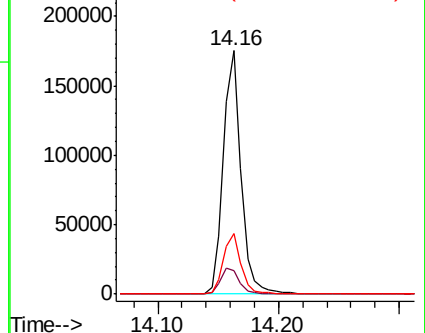
236 25.1 21.2 31.8

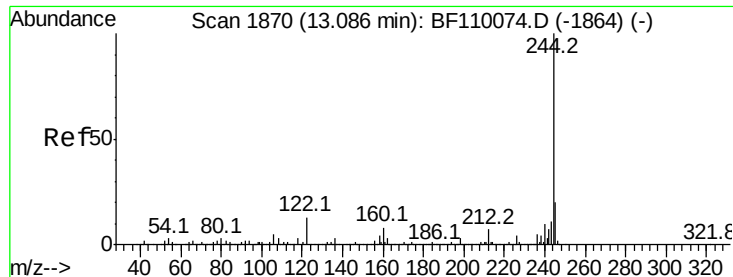


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.624 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110357.D

Acq: 1 Nov 2018 3:19

Instrument :

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103018-DBRI-E-U-B

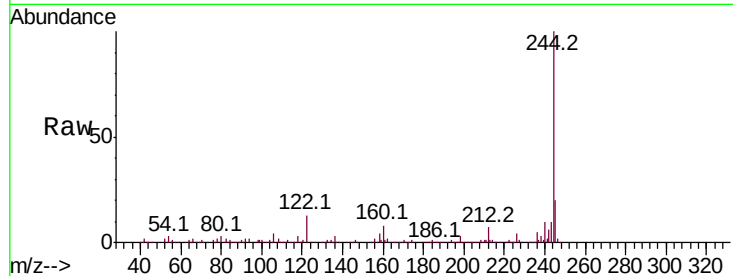
Tot Ion:244 Resp: 659924

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

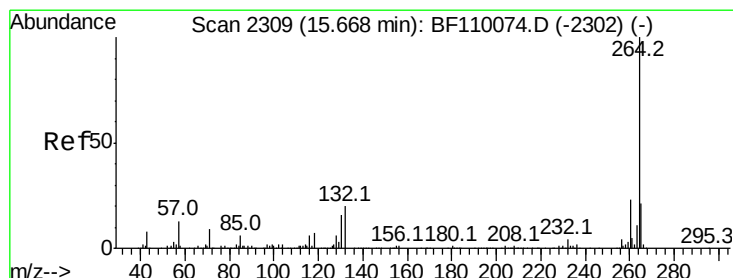
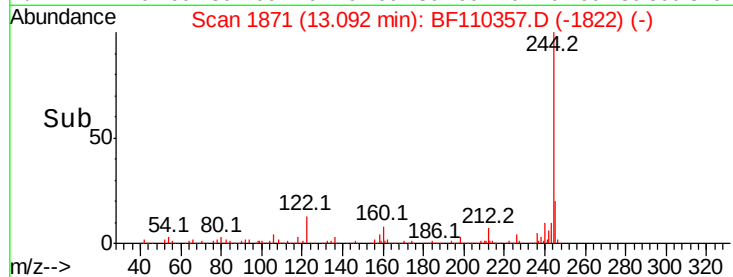
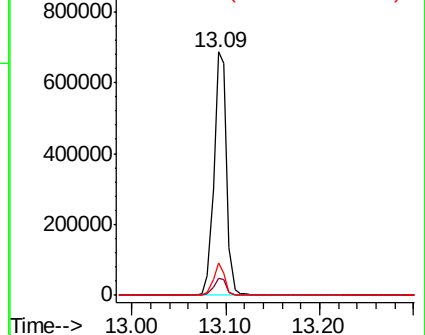
122 13.3 8.7 13.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BF110357.D

Acq: 1 Nov 2018 3:19

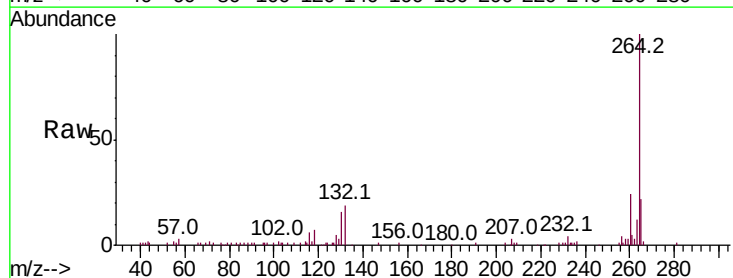
Tgt Ion:264 Resp: 108246

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.9 16.7 25.1



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

