

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102567.D
 Acq On : 28 Jan 2018 19:43
 Operator : SJ/JU
 Sample : J1290-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 03:18:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

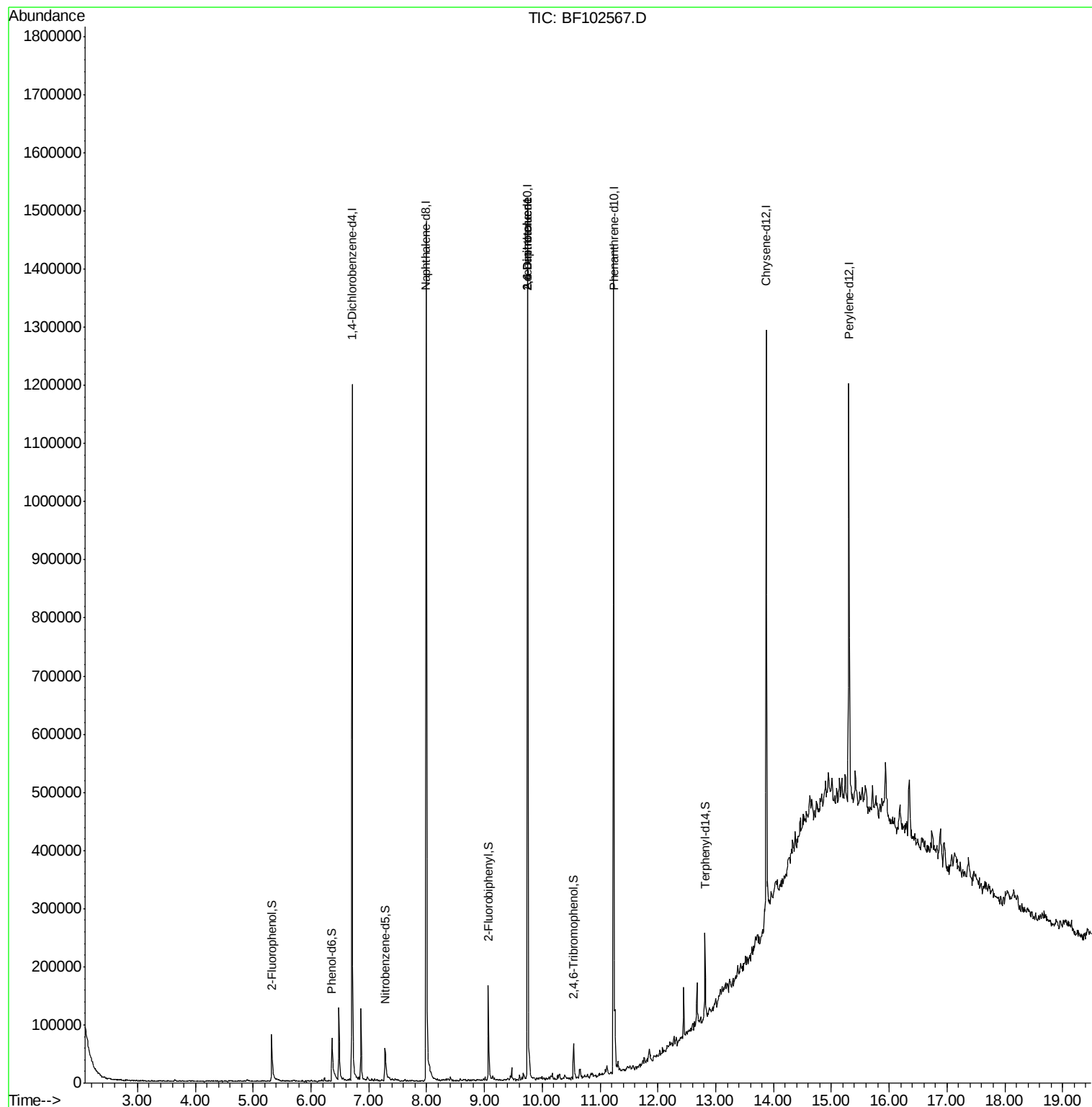
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	183738	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	773661	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	332430	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	498110	20.00	ng	0.00
75) Chrysene-d12	13.87	240	342618	20.00	ng	0.00
86) Perylene-d12	15.30	264	312018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	36282	2.99	ng	0.00
7) Phenol-d6	6.36	99	49826	3.41	ng	0.00
23) Nitrobenzene-d5	7.28	82	27367	2.03	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	7571	2.30	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	64549	2.86	ng	0.00
78) Terphenyl-d14	12.82	244	42667	2.81	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.74	165	42704	7.208	ng	# 25
56) 2,4-Dinitrotoluene	9.74	165	42704	5.862	ng	# 23

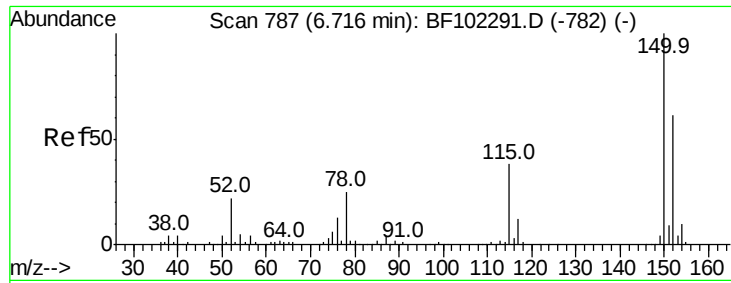
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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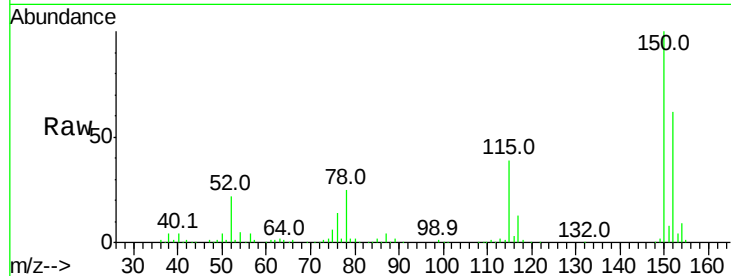


#1

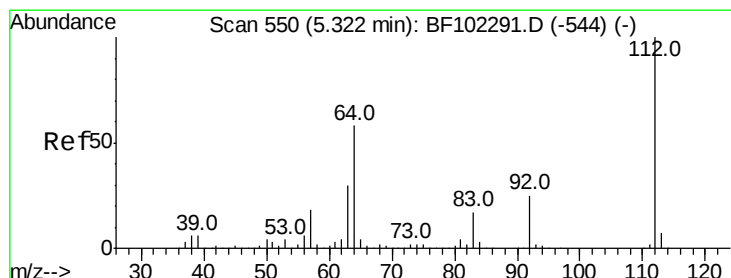
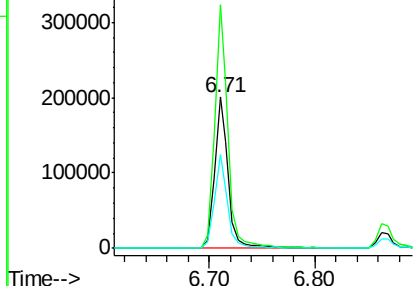
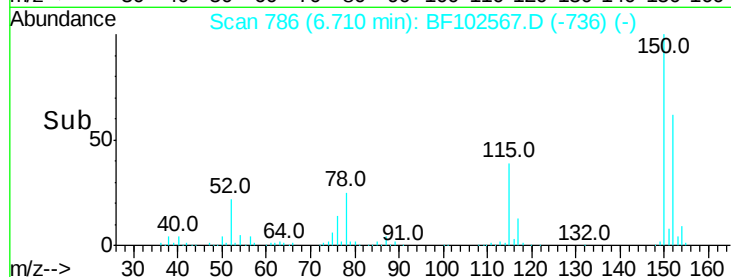
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 183738
 Ion Ratio Lower Upper
 152 100
 150 161.1 124.6 186.8
 115 62.1 50.1 75.1



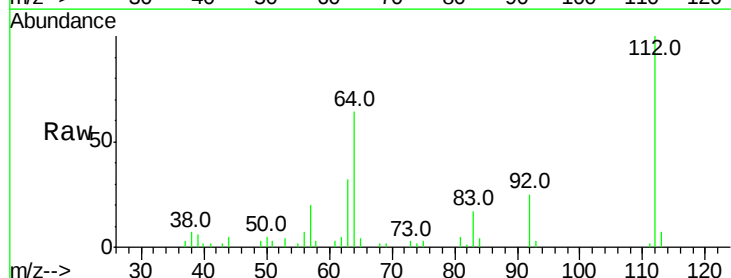
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



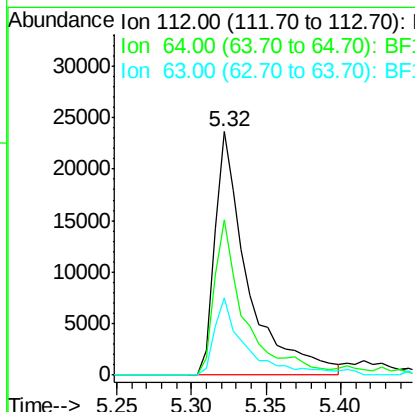
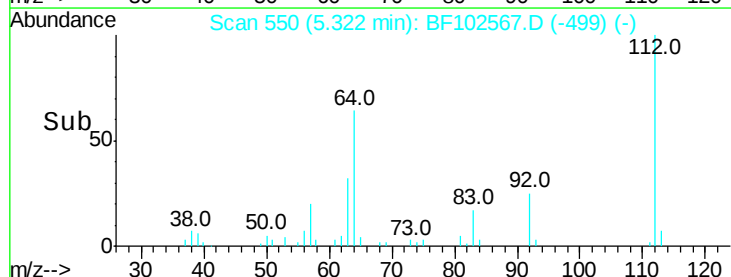
#5

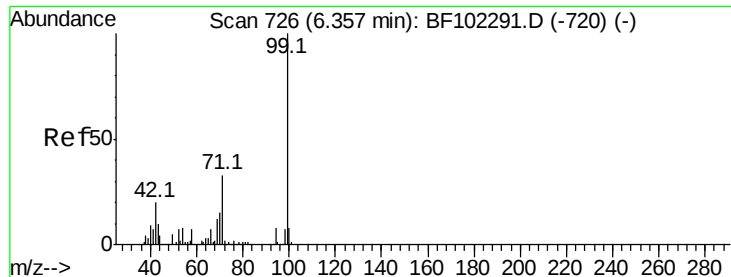
2-Fluorophenol
 Concen: 2.994 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

Tgt Ion:112 Resp: 36282
 Ion Ratio Lower Upper
 112 100
 64 63.6 47.9 71.9
 63 31.8 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: 3.411 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102567.D

Acq: 28 Jan 2018 19:43

Instrument :

BNA_F

ClientSampleId :

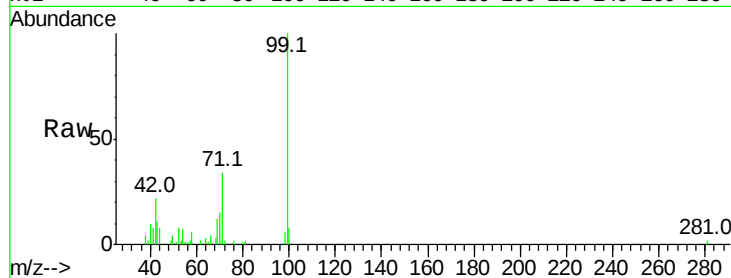
Tot Ion: 99 Resp: 49826

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

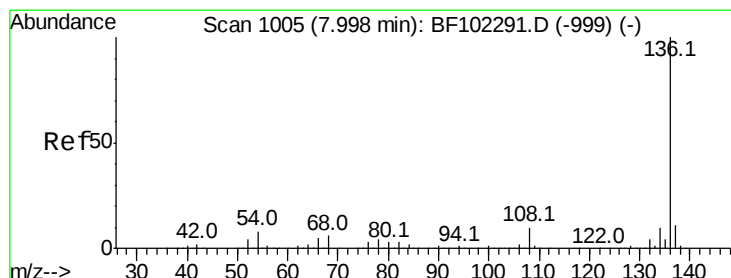
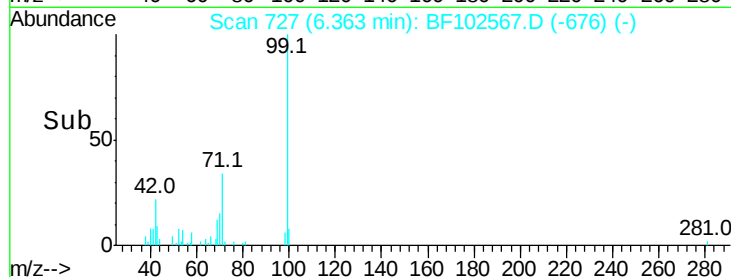
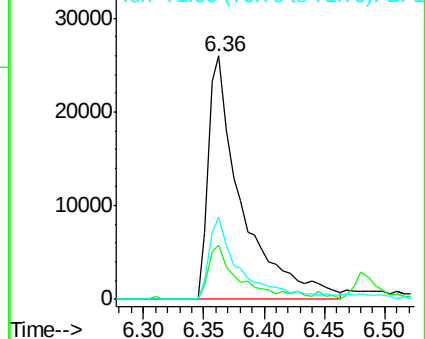
71 33.6 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102567.D

Acq: 28 Jan 2018 19:43

Tgt Ion: 136 Resp: 773661

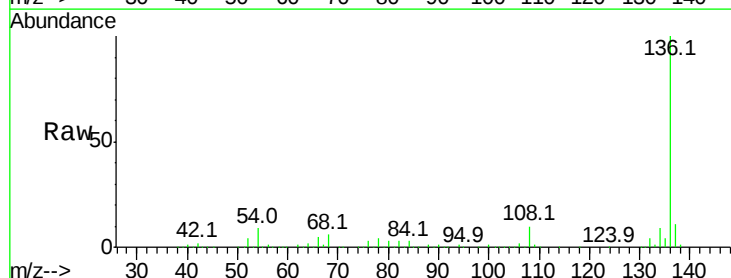
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.3 6.6 9.8

68 6.3 5.0 7.4

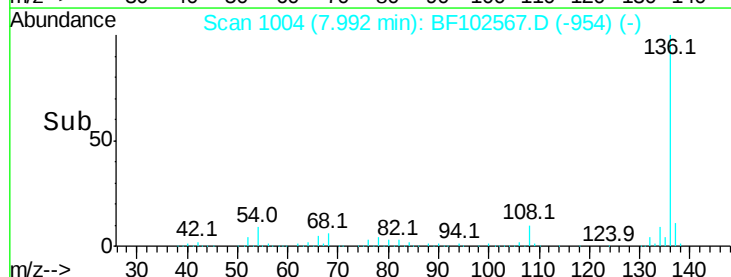
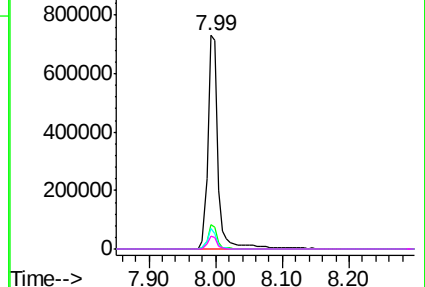


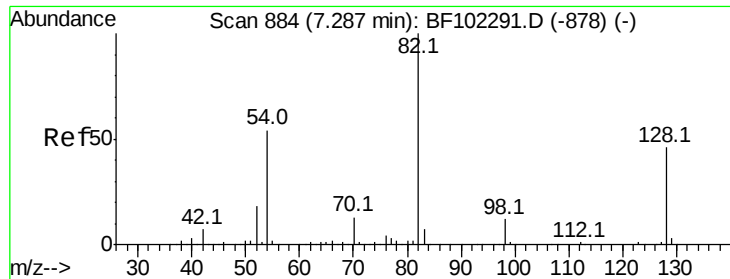
Abundance Ion 136.00 (135.70 to 136.70): E

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

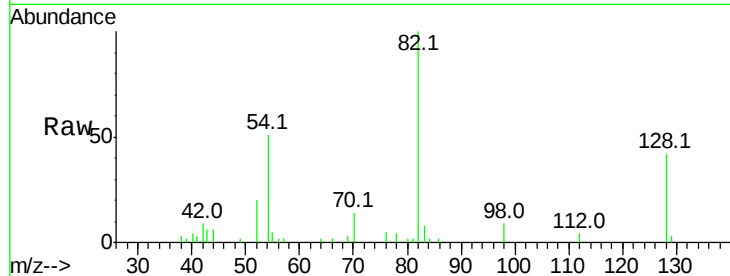




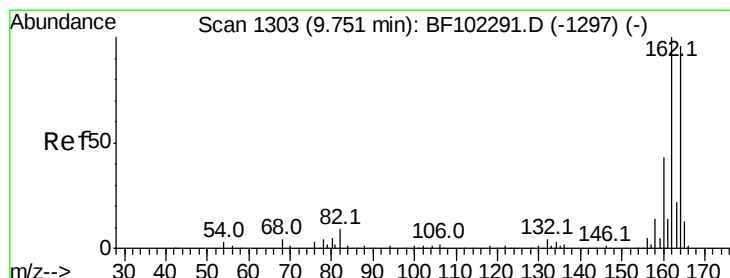
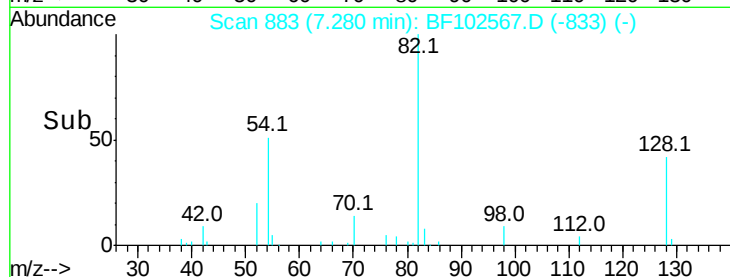
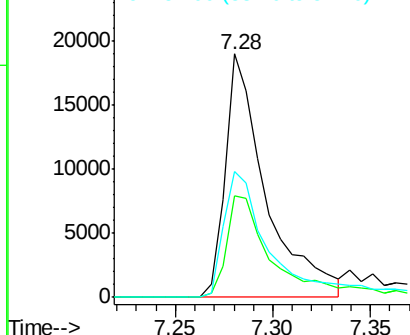
#23
Nitrobenzene-d5
Concen: 2.033 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102567.D
Acq: 28 Jan 2018 19:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	27367
Ion Ratio	Lower	Upper	
82	100		
128	41.6	36.1	54.1
54	51.5	41.4	62.2

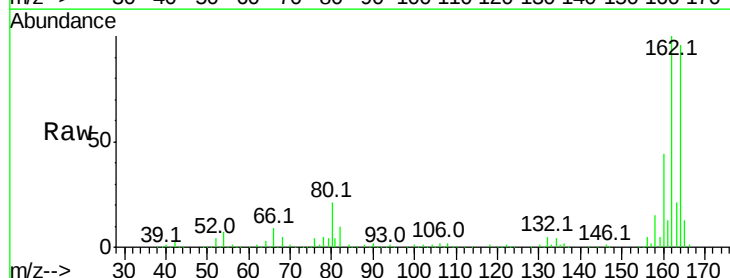


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

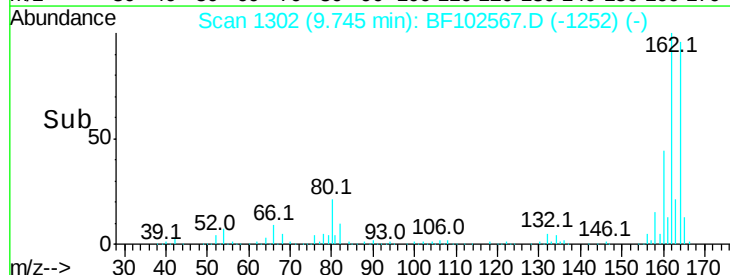
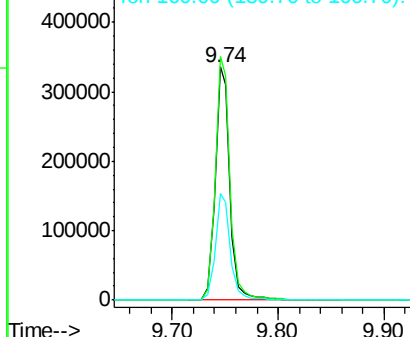


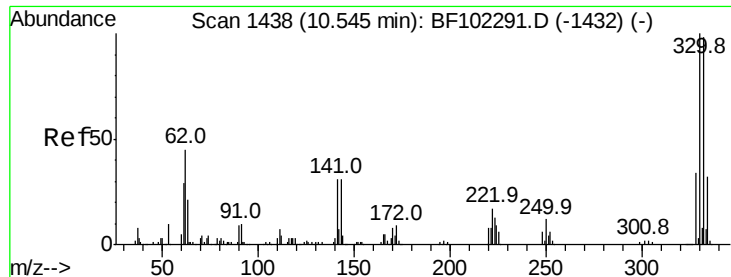
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102567.D
Acq: 28 Jan 2018 19:43

Tgt Ion	164	Resp	332430
Ion Ratio	Lower	Upper	
164	100		
162	104.5	86.1	129.1
160	45.5	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

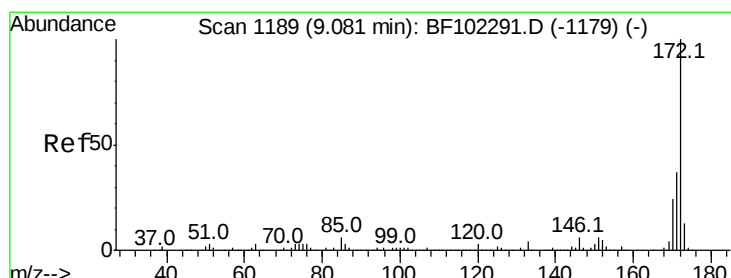
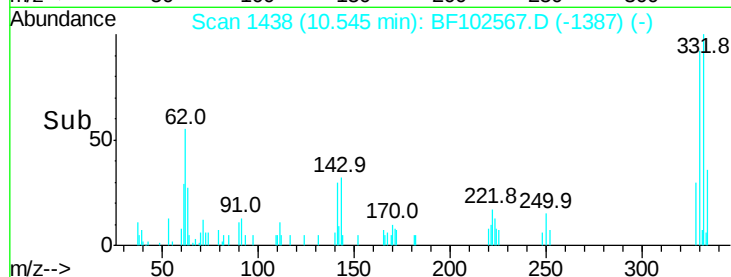
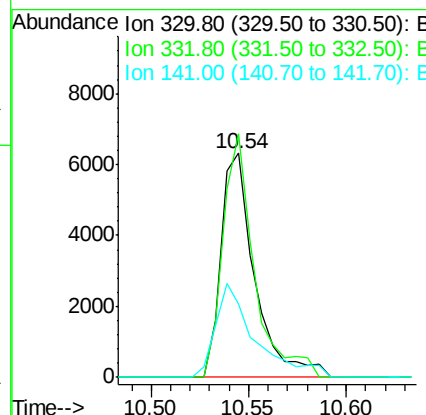
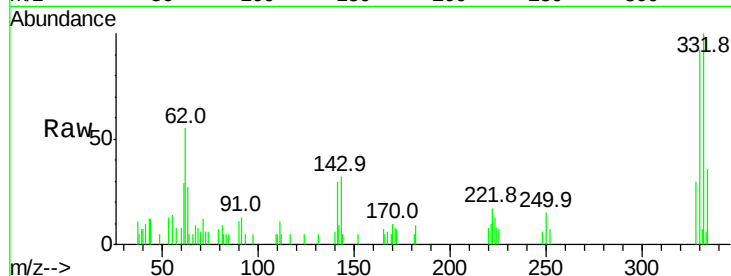




#41
 2,4,6-Tribromophenol
 Concen: 2.298 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

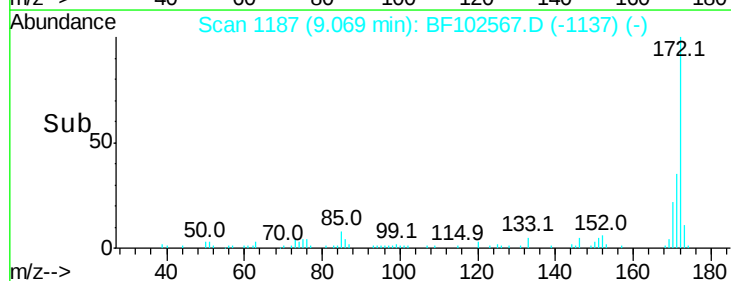
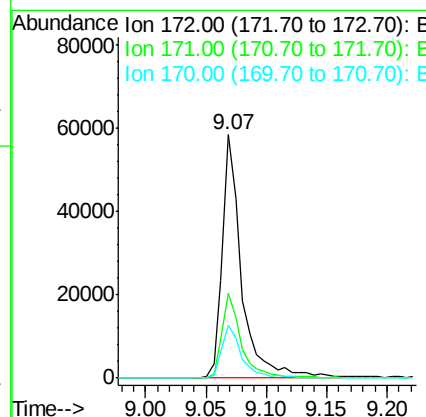
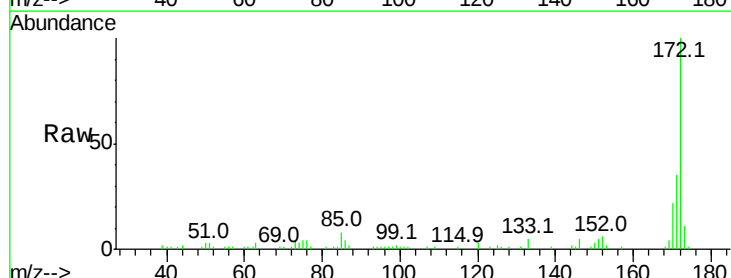
Instrument :
 BNA_F
 ClientSampleId :

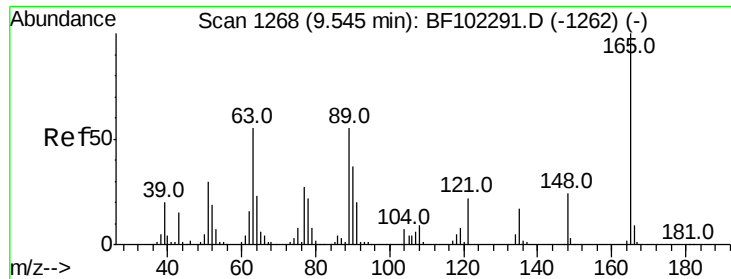
Tot Ion:330 Resp: 7571
 Ion Ratio Lower Upper
 330 100
 332 101.0 77.0 115.6
 141 49.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 2.855 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

Tgt Ion:172 Resp: 64549
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 21.7 19.6 29.4

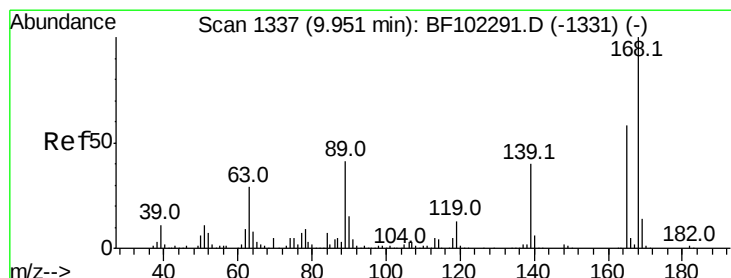
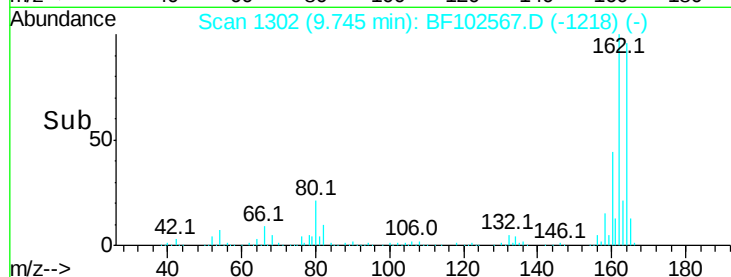
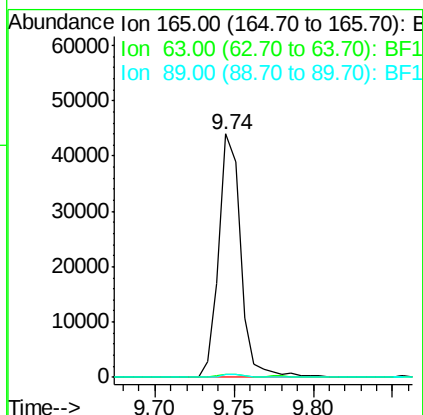
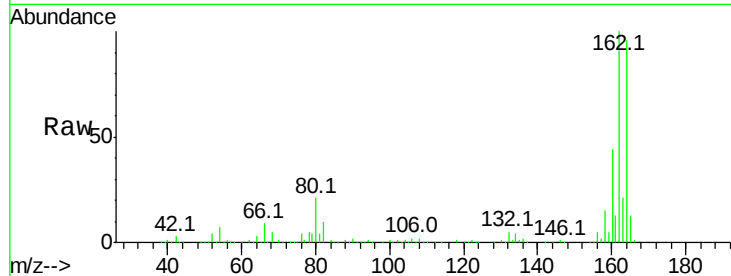




#50
 2,6-Dinitrotoluene
 Concen: 7.208 ng
 RT: 9.74 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

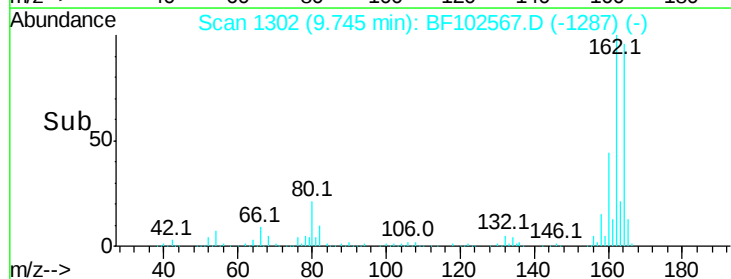
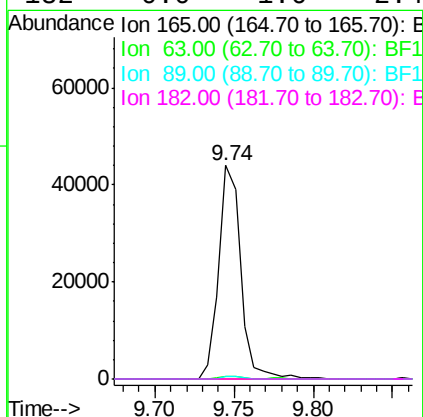
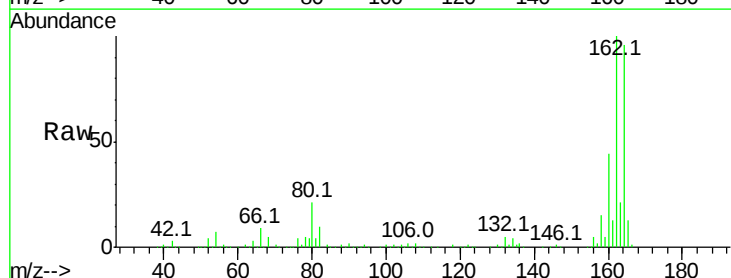
Instrument :
 BNA_F
 ClientSampleId :

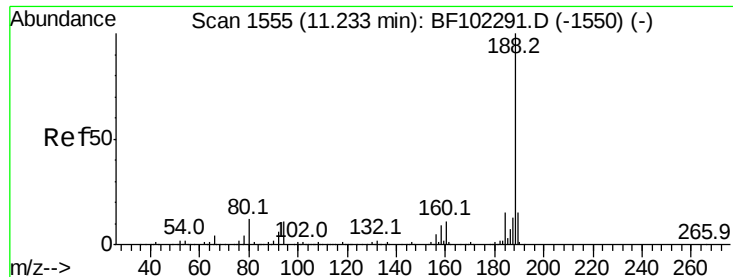
Tot Ion:165 Resp: 42704
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.7 67.1#
 89 1.2 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.862 ng
 RT: 9.74 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102567.D
 Acq: 28 Jan 2018 19:43

Tgt Ion:165 Resp: 42704
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#

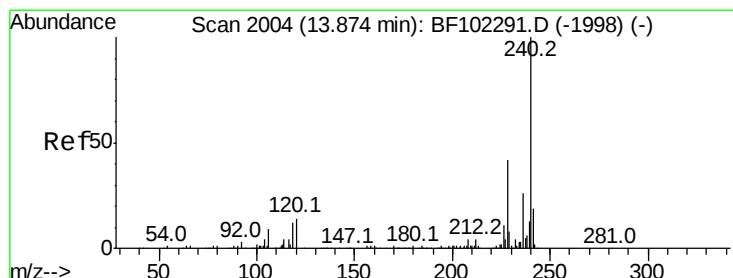
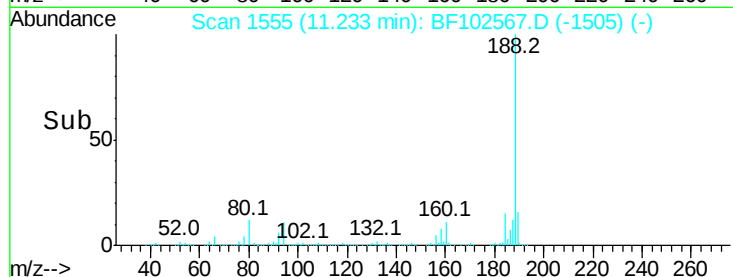
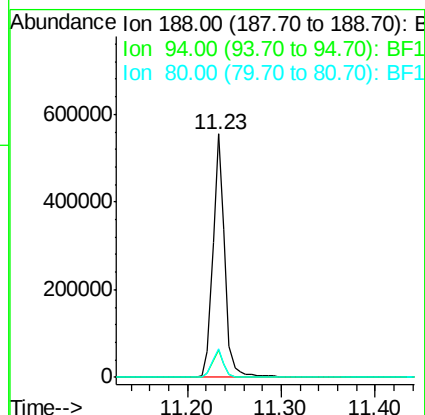
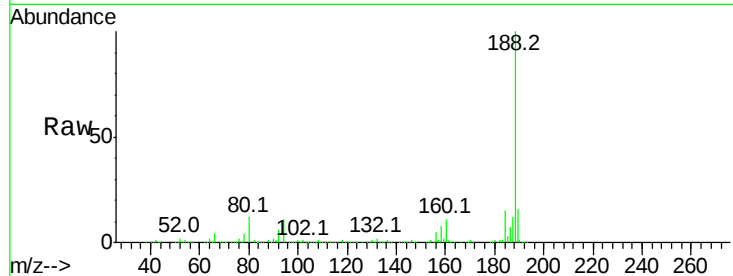




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102567.D
Acq: 28 Jan 2018 19:43

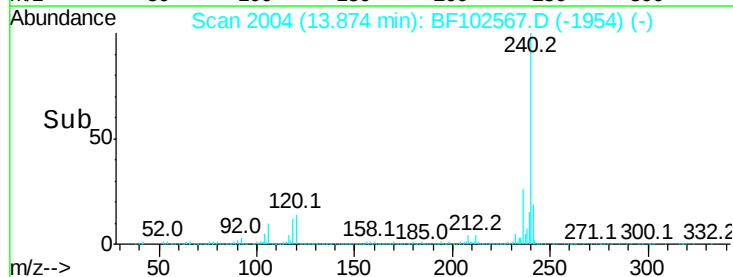
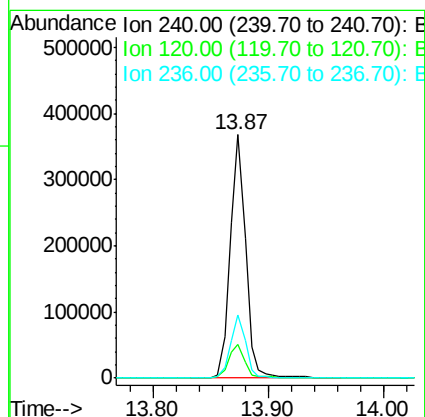
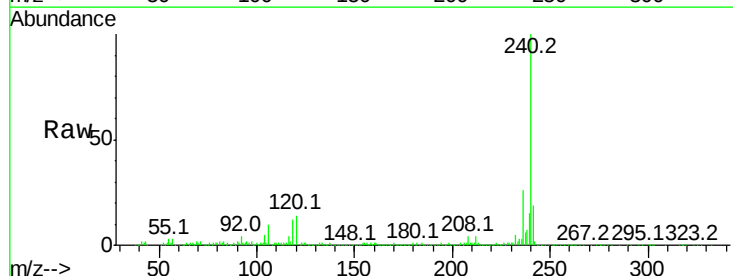
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BNA_F
ClientSampleId :

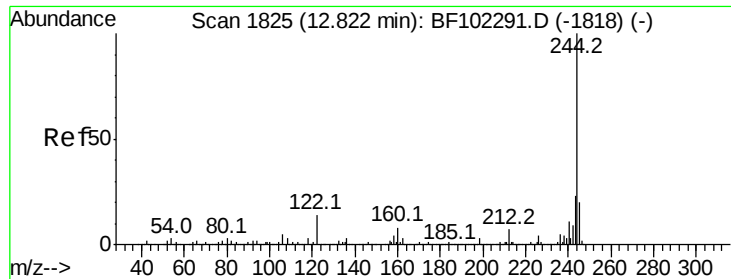
Tot Ion:188 Resp: 498110
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102567.D
Acq: 28 Jan 2018 19:43

Tgt Ion:240 Resp: 342618
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 2.807 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102567.D

Acq: 28 Jan 2018 19:43

Instrument :

BNA_F

ClientSampleId :

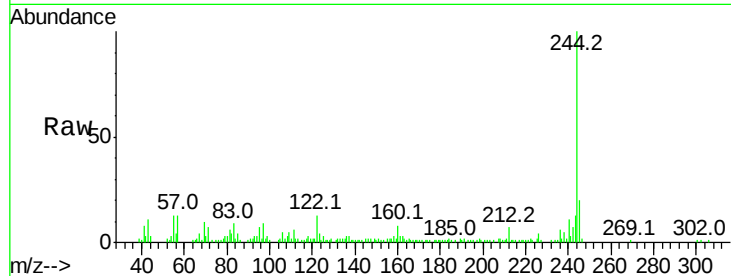
Tot Ion:244 Resp: 42667

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

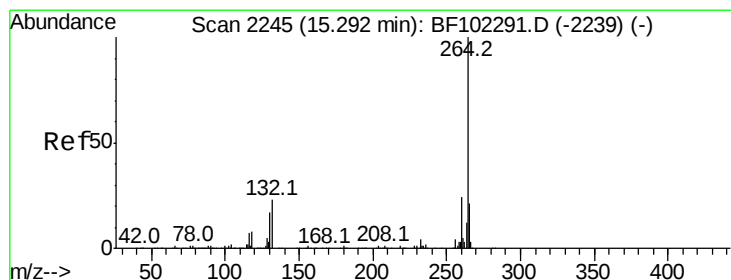
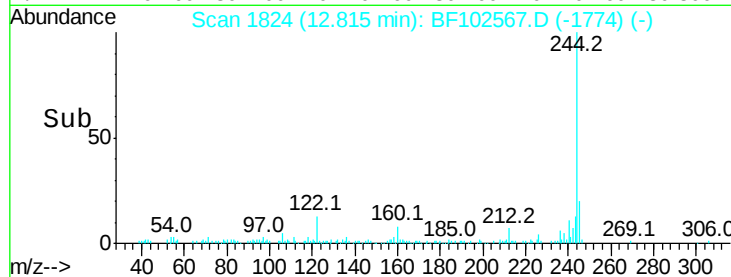
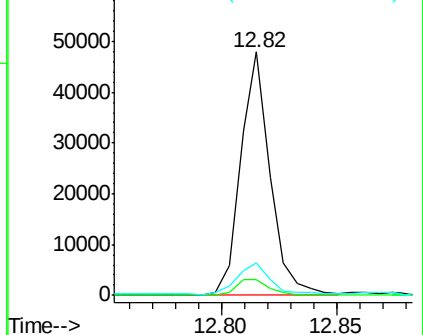
122 13.4 11.0 16.4



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: 15.30 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BF102567.D

Acq: 28 Jan 2018 19:43

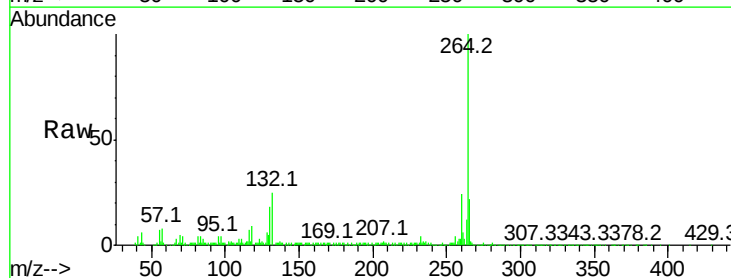
Tgt Ion:264 Resp: 312018

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.3 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

