

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108247.D
 Acq On : 17 Aug 2018 17:04
 Operator : JU/SJ
 Sample : J4531-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-036

Quant Time: Aug 17 18:08:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

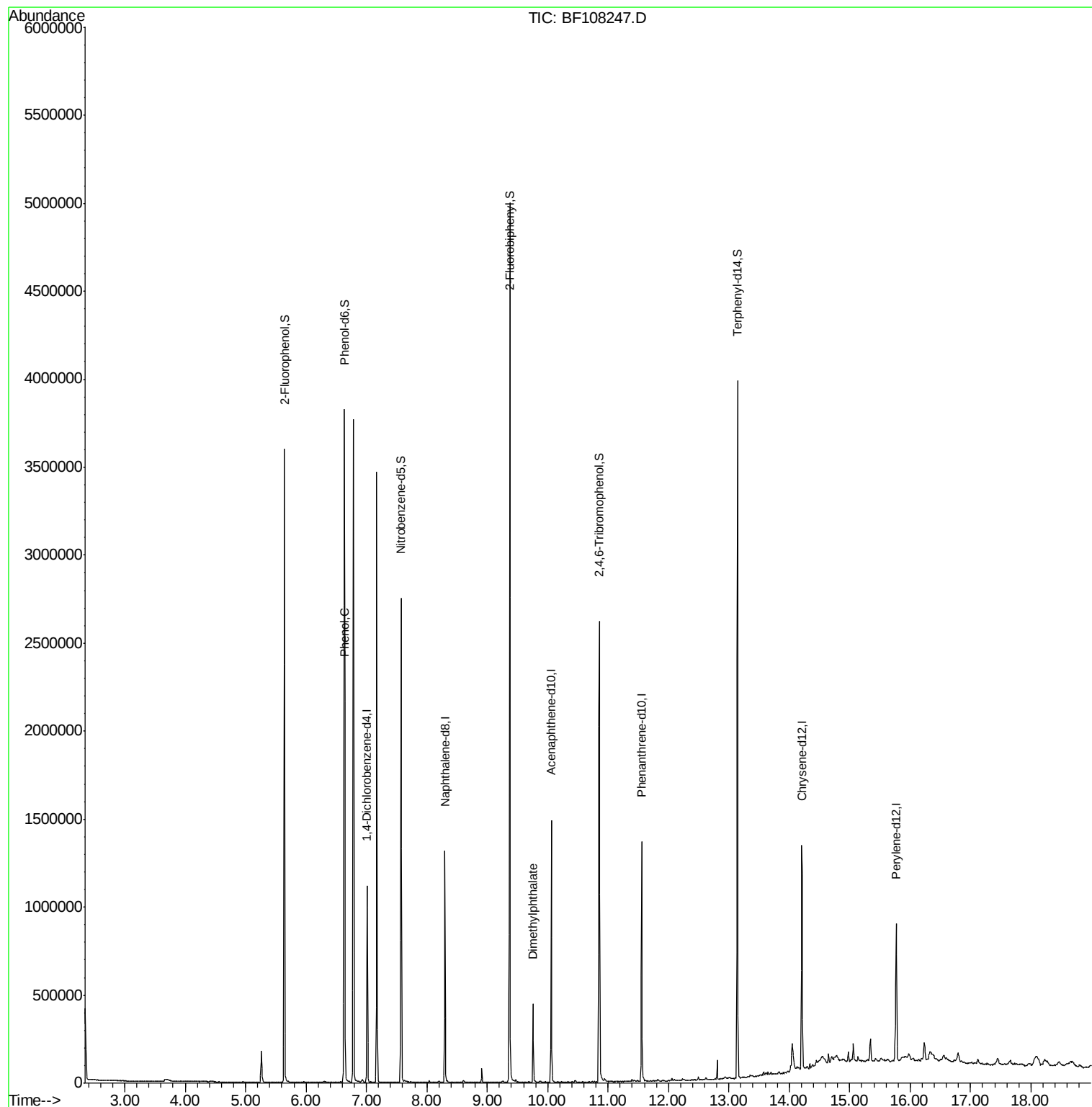
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	155932	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	586589	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	271704	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	494208	20.00	ng	0.00
75) Chrysene-d12	14.21	240	437500	20.00	ng	-0.01
86) Perylene-d12	15.77	264	387423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	937289	108.82	ng	0.01
7) Phenol-d6	6.64	99	1247285	108.98	ng	0.00
23) Nitrobenzene-d5	7.58	82	827330	78.70	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	311254	114.85	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1460944	86.33	ng	0.00
78) Terphenyl-d14	13.14	244	1358871	78.97	ng	0.00
Target Compounds						
10) Phenol	6.65	94	28197	2.382	ng	96
49) Dimethylphthalate	9.76	163	156562	8.272	ng	# 99

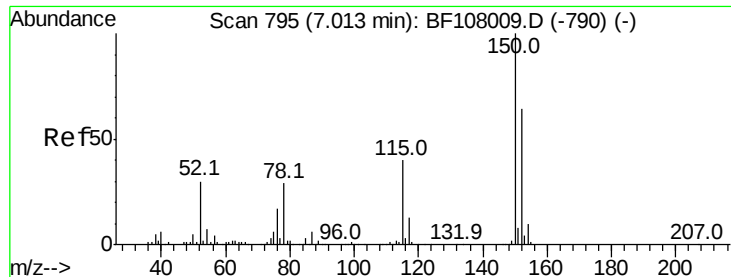
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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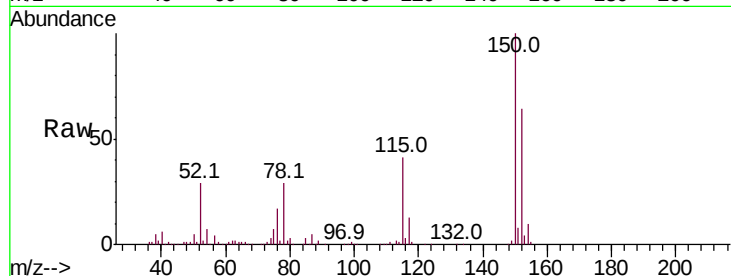


#1

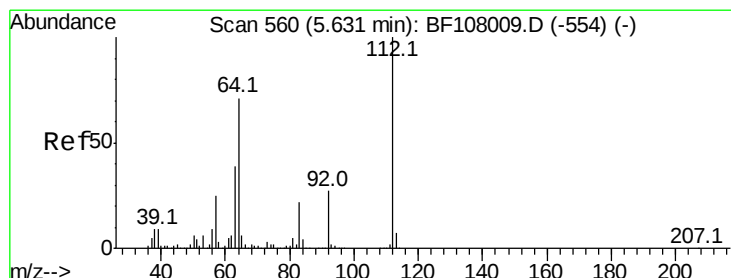
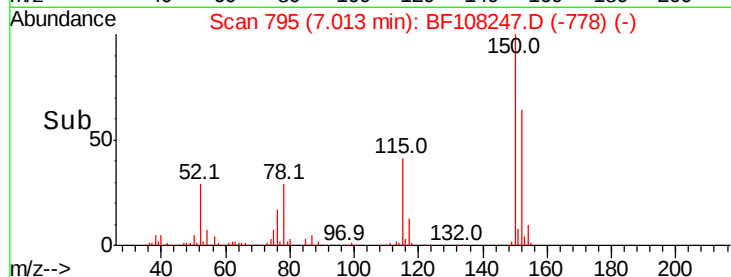
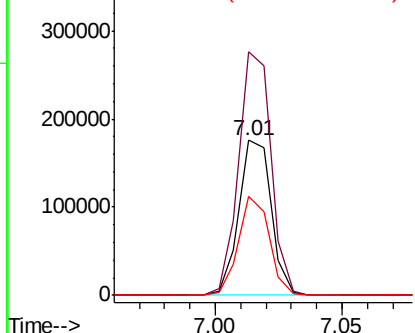
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-036

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.8	50.1	75.1



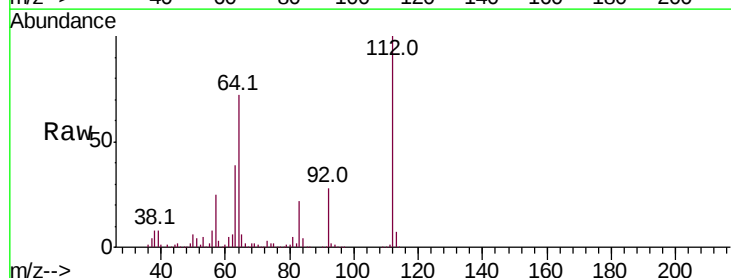
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



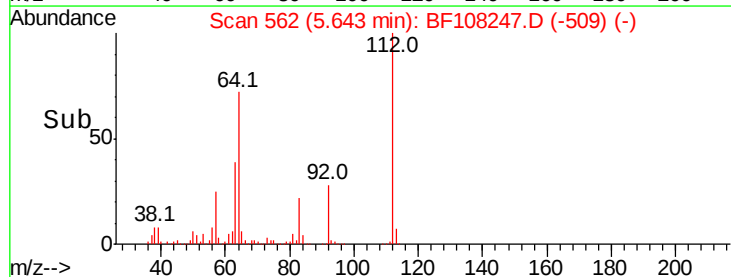
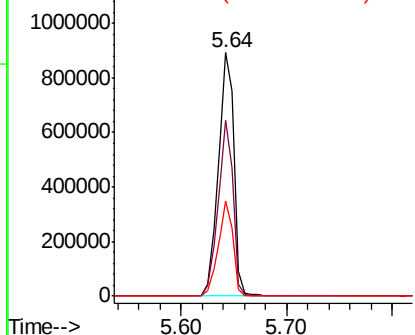
#5

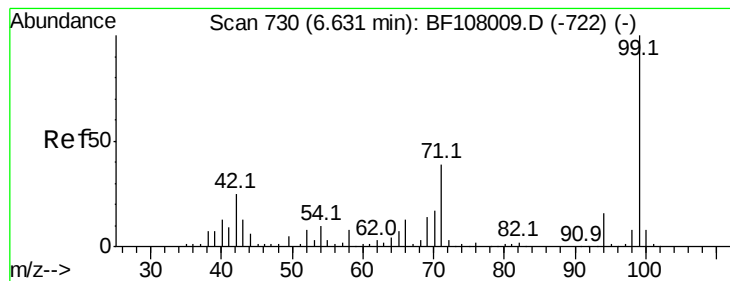
2-Fluorophenol
Concen: 108.824 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	47.9	71.9#
63	39.0	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: 108.978 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108247.D

Acq: 17 Aug 2018 17:04

Instrument :

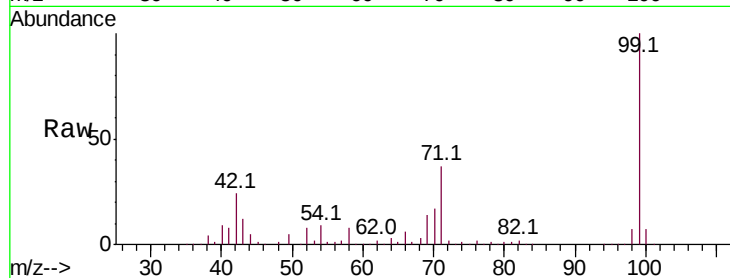
BNA_F

ClientSampleId :

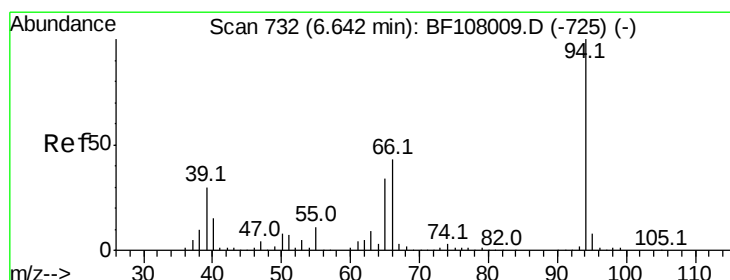
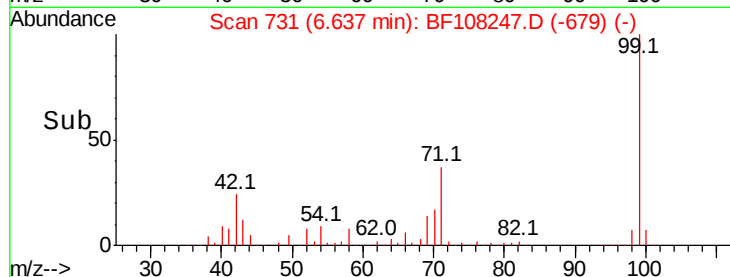
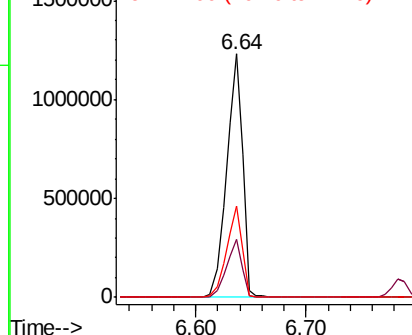
FK-PS-01-036

Tot Ion: 99 Resp: 1247285

Ion	Ratio	Lower	Upper
99	100		
42	23.7	14.5	21.7#
71	37.3	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



#10

Phenol

Concen: 2.382 ng

RT: 6.65 min Scan# 733

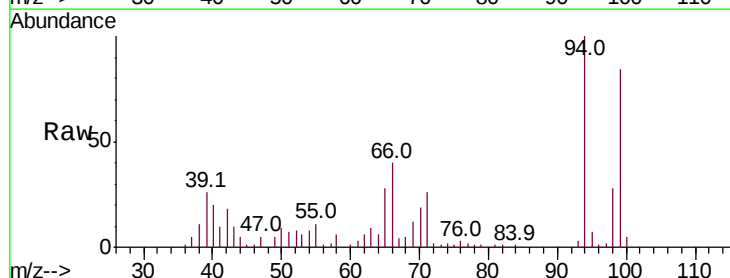
Delta R.T. 0.01 min

Lab File: BF108247.D

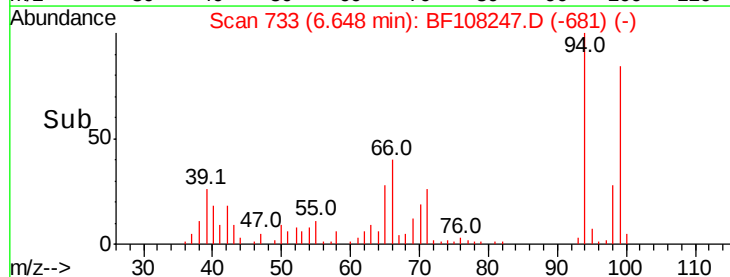
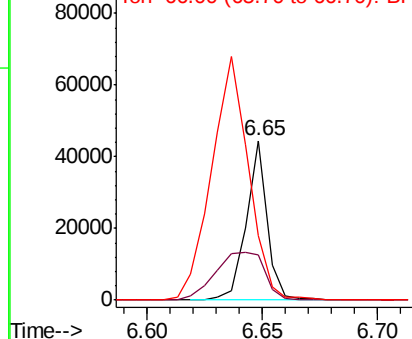
Acq: 17 Aug 2018 17:04

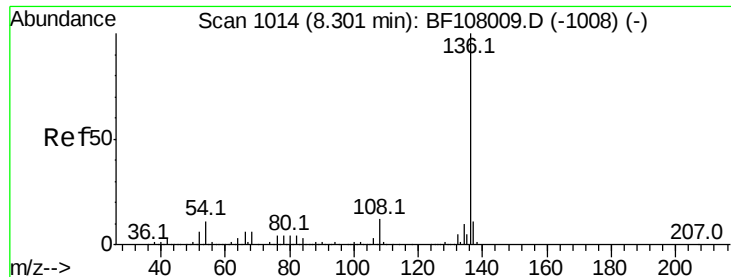
Tgt Ion: 94 Resp: 28197

Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.9	47.9
66	40.1	16.2	56.2



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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108247.D

Acq: 17 Aug 2018 17:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-036

Tot Ion:136 Resp: 586589

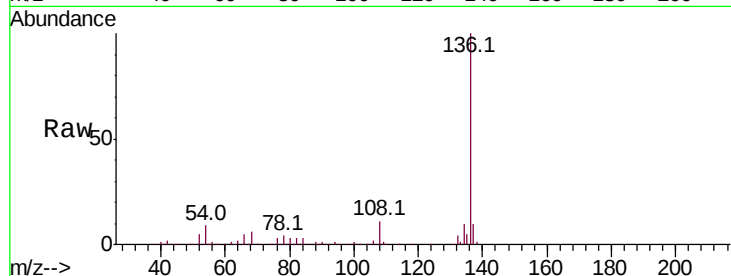
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.6 6.6 9.8

68 5.6 5.0 7.4

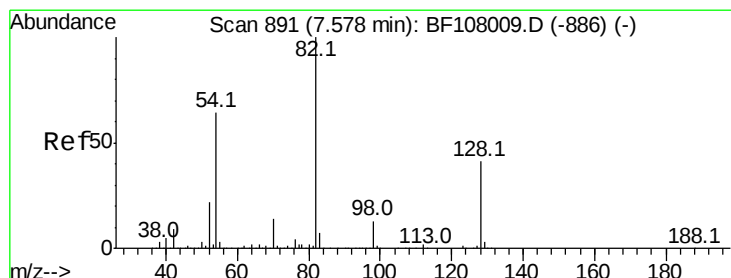
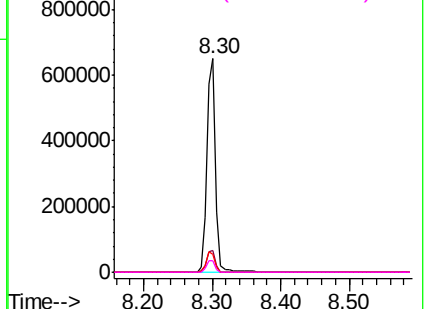
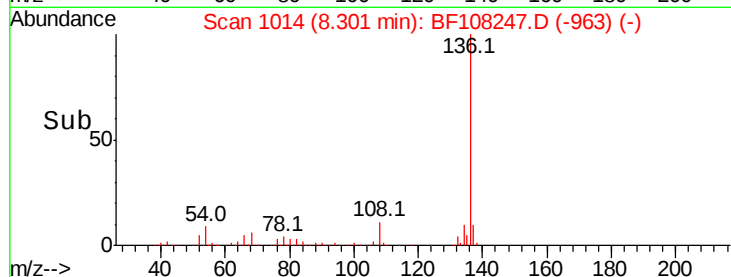


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.703 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108247.D

Acq: 17 Aug 2018 17:04

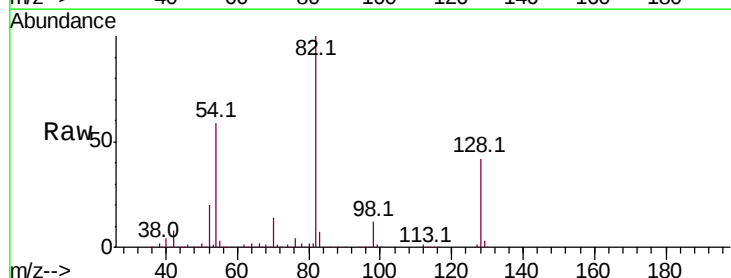
Tgt Ion: 82 Resp: 827330

Ion Ratio Lower Upper

82 100

128 41.8 36.1 54.1

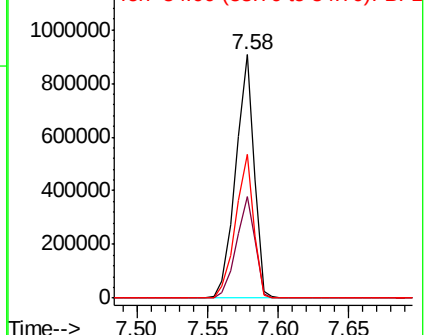
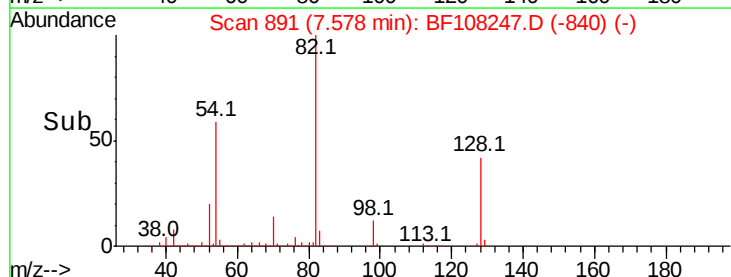
54 59.3 41.4 62.2

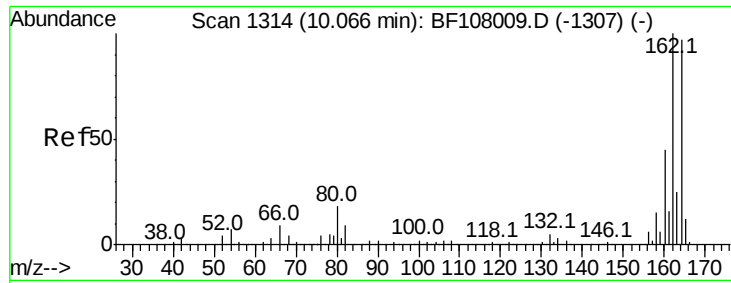


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

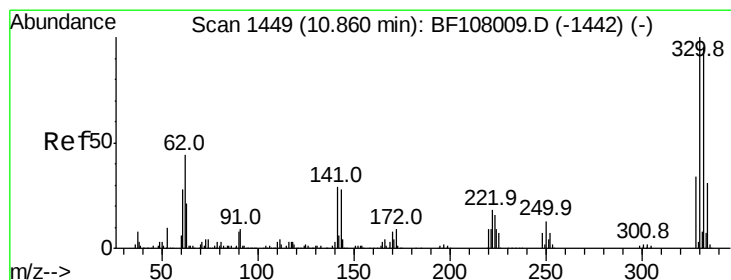
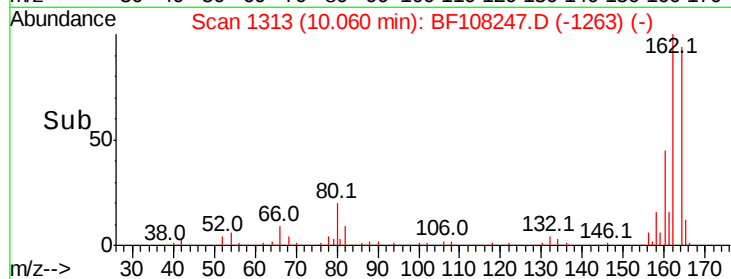
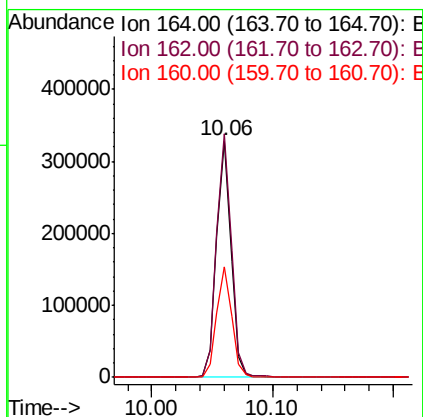
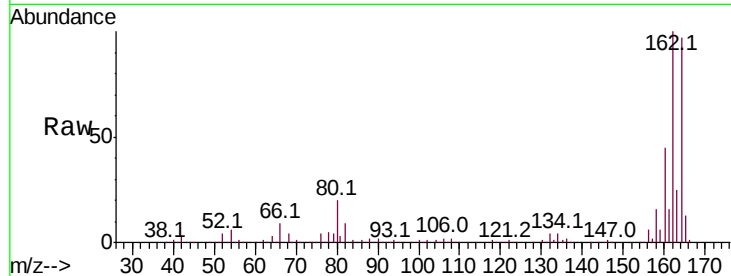




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

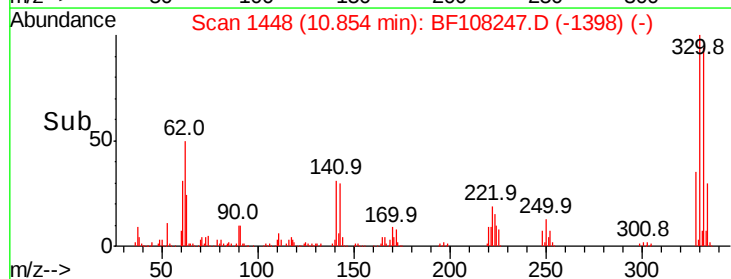
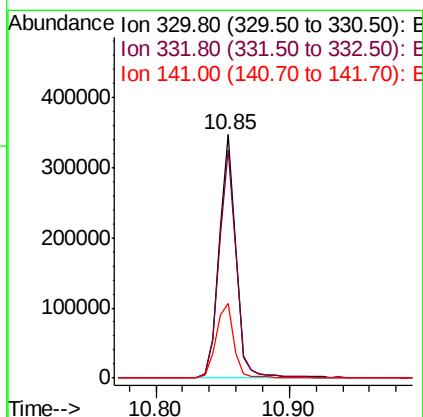
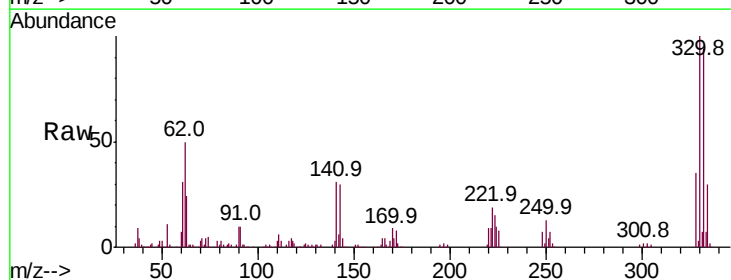
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-036

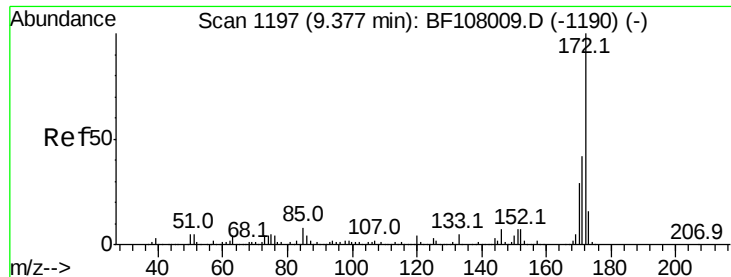
Tot Ion:164 Resp: 271704
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 46.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 114.846 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

Tgt Ion:330 Resp: 311254
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 32.9 29.9 44.9

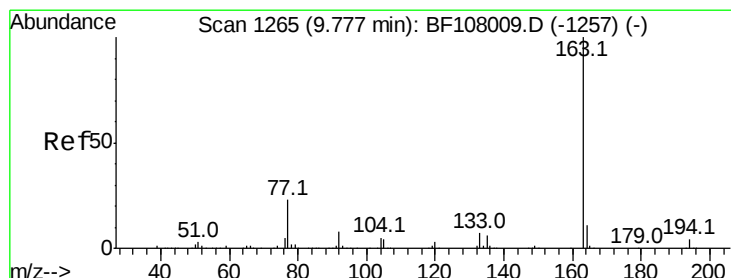
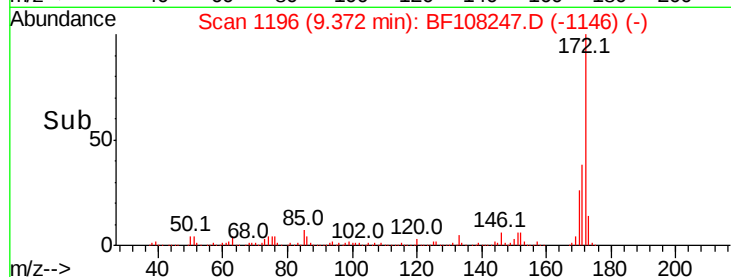
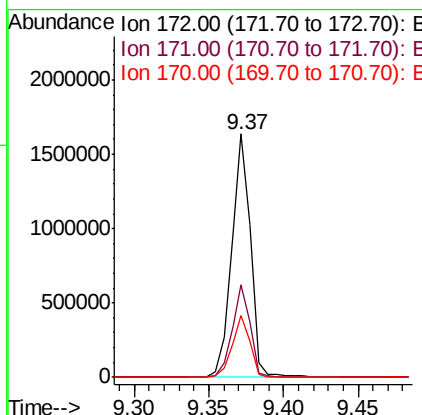
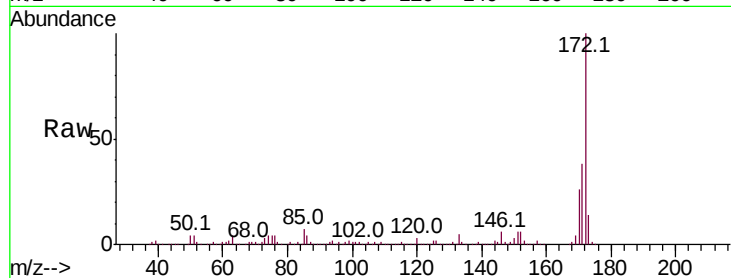




#44
2-Fluorobiphenyl
Concen: 86.326 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

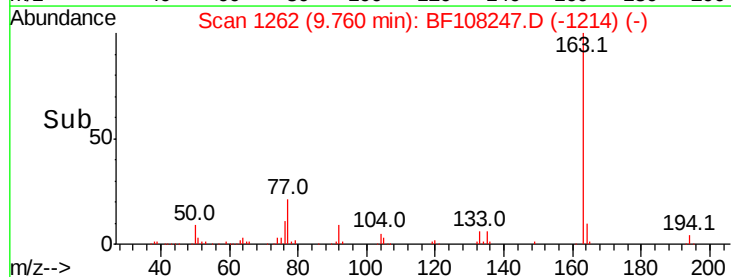
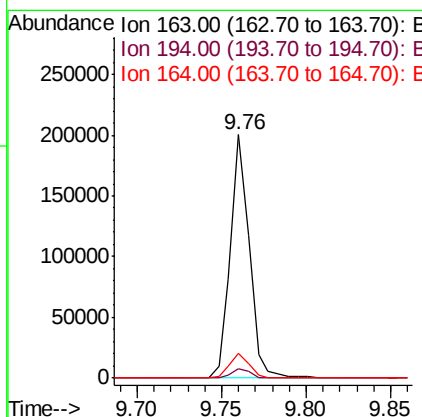
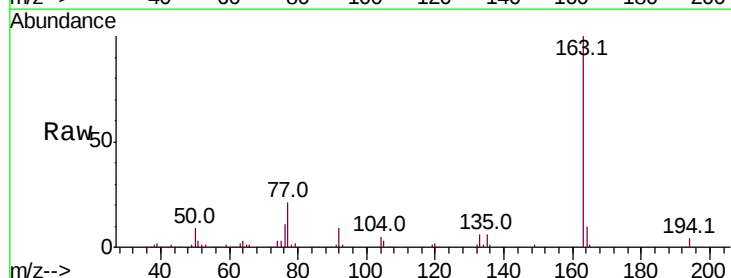
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-036

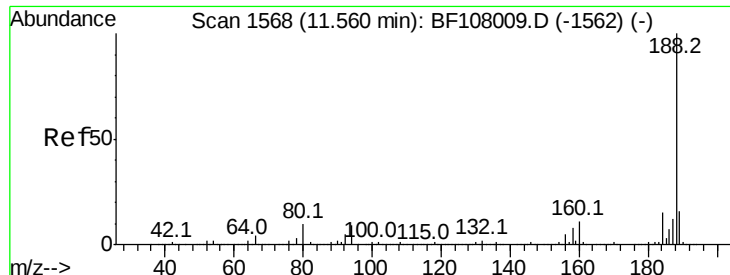
Tot Ion:172 Resp: 1460944
Ion Ratio Lower Upper
172 100
171 37.9 29.7 44.5
170 25.5 19.6 29.4



#49
Dimethylphthalate
Concen: 8.272 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

Tgt Ion:163 Resp: 156562
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.1 8.2 12.2

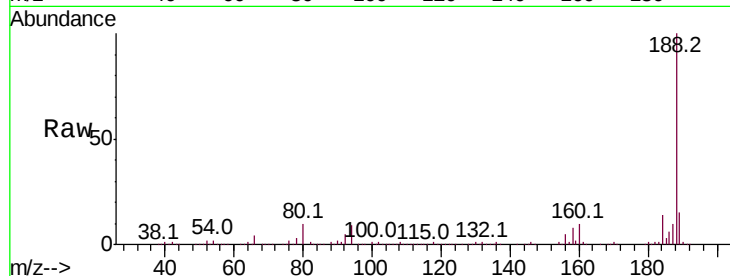




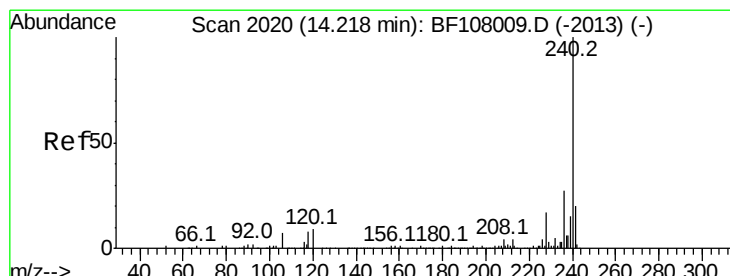
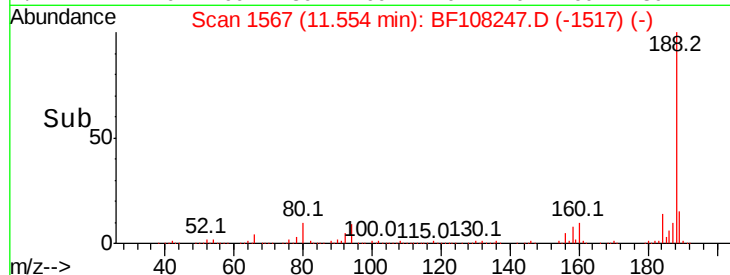
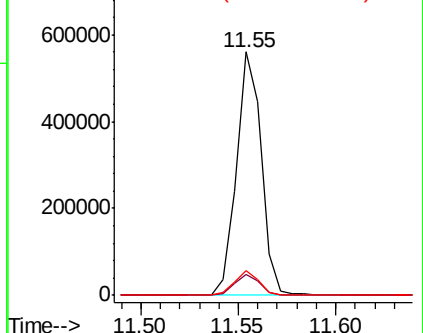
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-036

Tot Ion:188 Resp: 494208
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 10.3 9.2 13.8

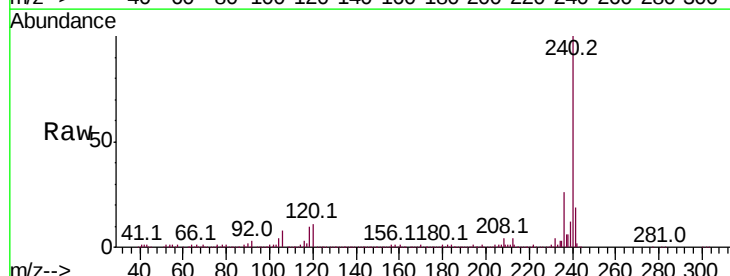


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

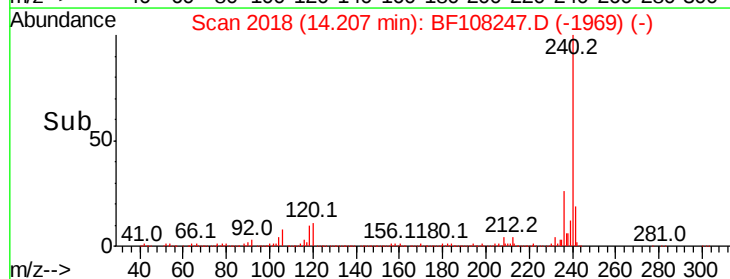
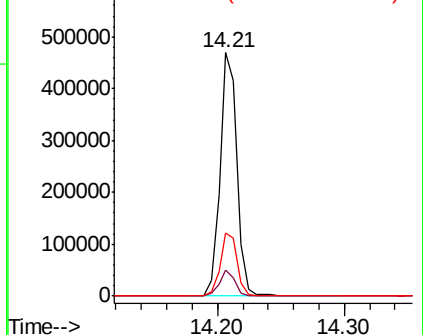


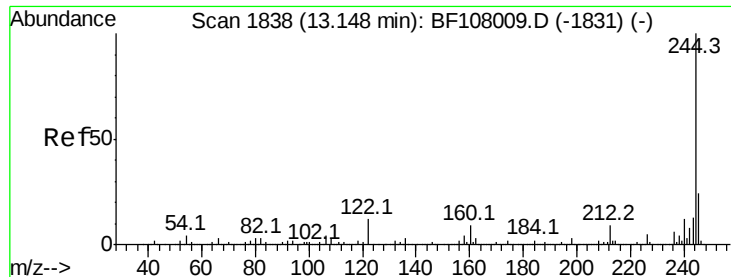
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

Tgt Ion:240 Resp: 437500
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 25.8 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: 78.972 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108247.D

Acq: 17 Aug 2018 17:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-036

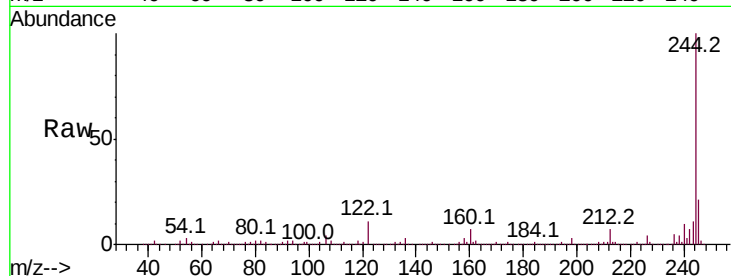
Tot Ion:244 Resp: 1358871

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

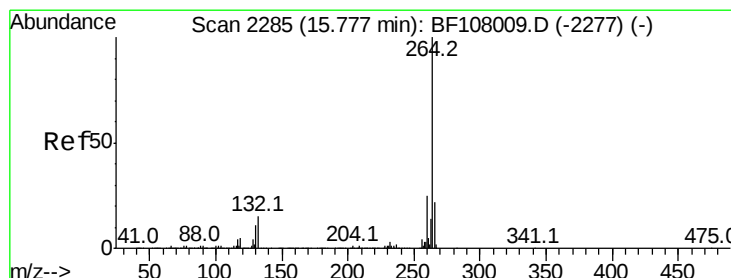
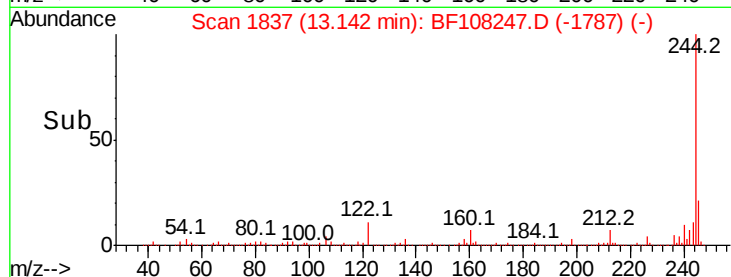
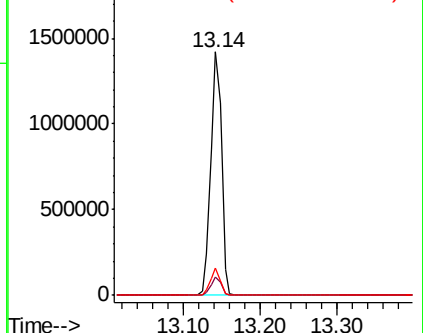
122 11.0 11.0 16.4



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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108247.D

Acq: 17 Aug 2018 17:04

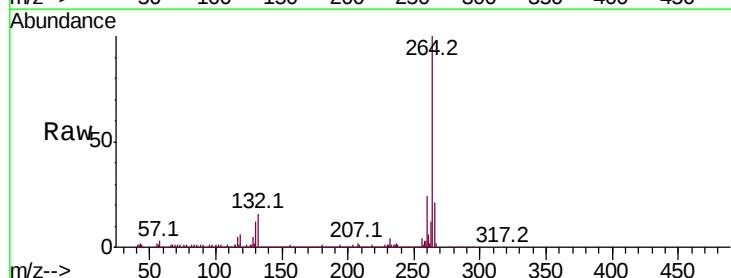
Tgt Ion:264 Resp: 387423

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 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

