

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107963.D
 Acq On : 4 Aug 2018 3:12
 Operator : JU/SJ
 Sample : J4297-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Aug 04 06:58:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

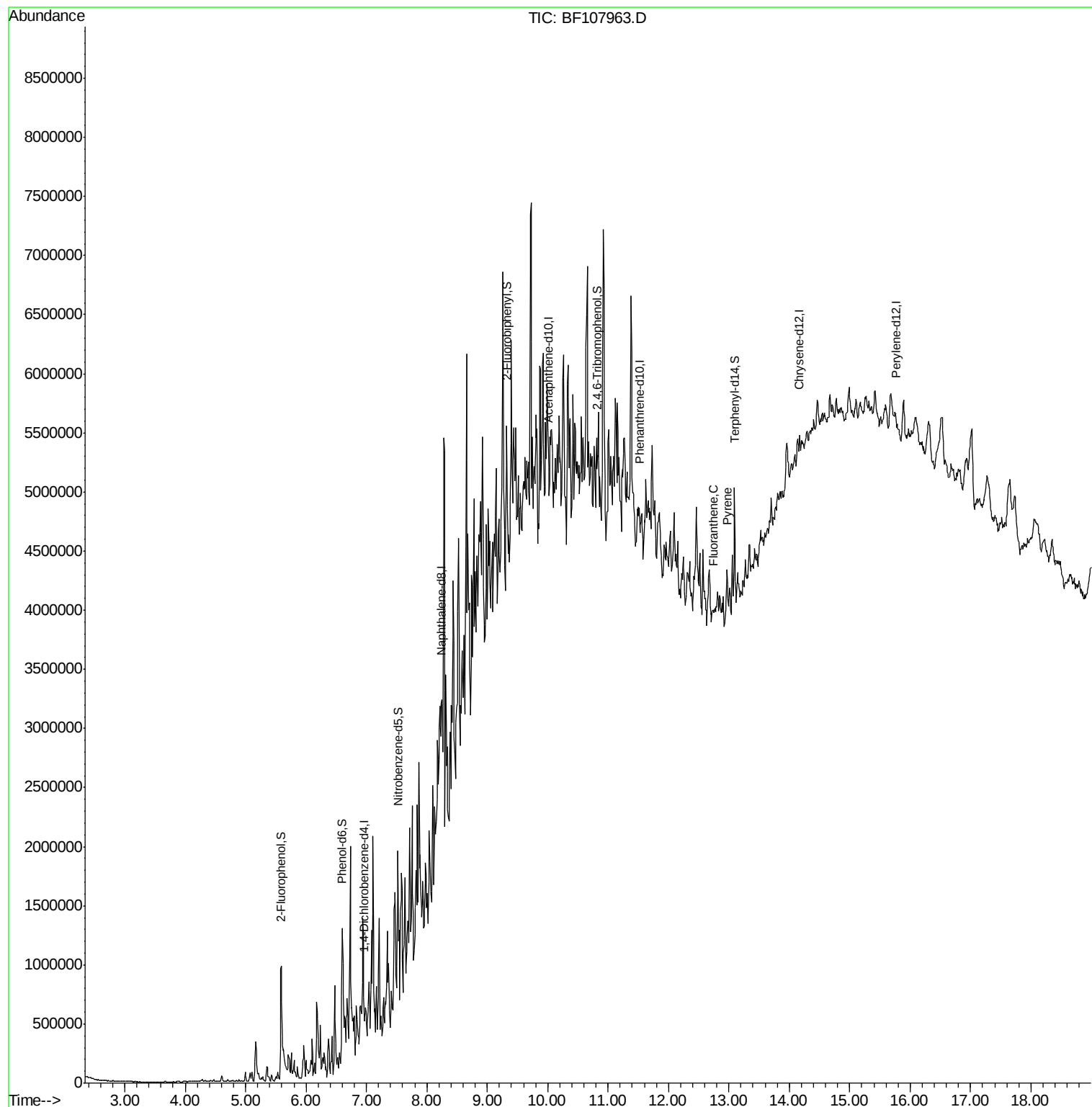
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	100151	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	277632	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	107858	20.00	ng	0.01
63) Phenanthrene-d10	11.52	188	195842	20.00	ng	0.02
75) Chrysene-d12	14.17	240	119961	20.00	ng	0.02
86) Perylene-d12	15.77	264	72173	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	726082	123.21	ng	0.00
7) Phenol-d6	6.60	99	934634	120.34	ng	0.00
23) Nitrobenzene-d5	7.52	82	337435	70.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	150208	102.49	ng	0.02
44) 2-Fluorobiphenyl	9.32	172	661905	85.52	ng	0.00
78) Terphenyl-d14	13.09	244	717363	129.67	ng	0.01
Target Compounds						
74) Fluoranthene	12.74	202	41106	3.763	ng	# 54
77) Pyrene	12.97	202	83883	9.711	ng	# 72

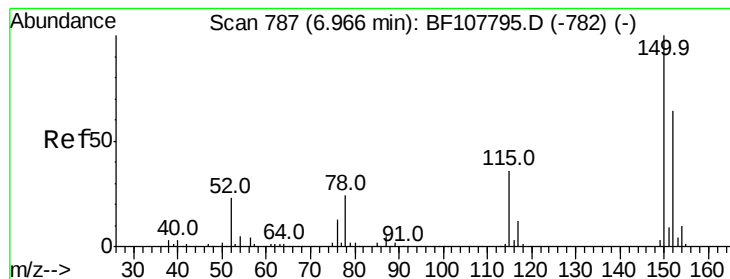
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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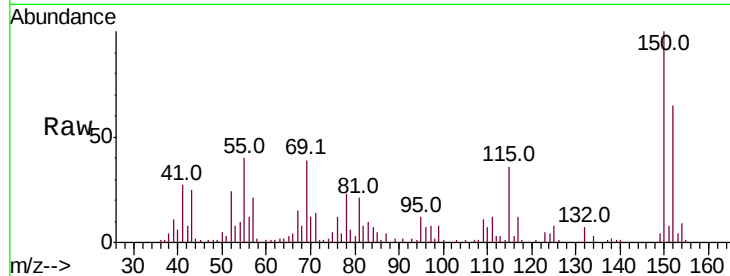


#1

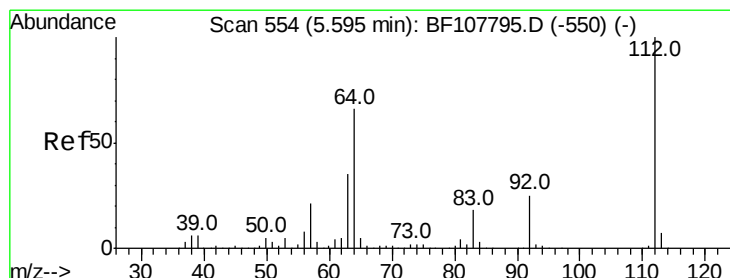
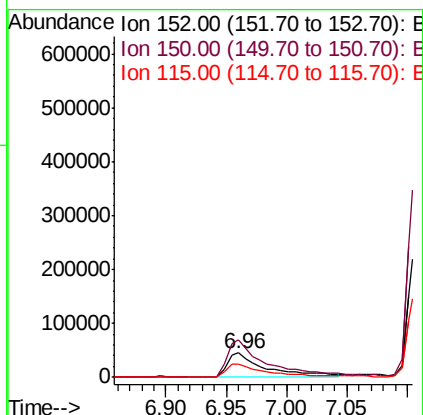
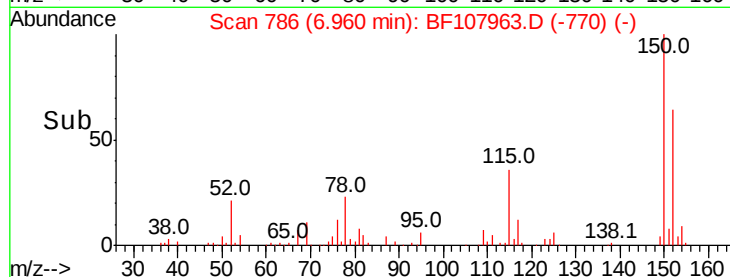
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:152 Resp: 100151
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 56.0 50.1 75.1



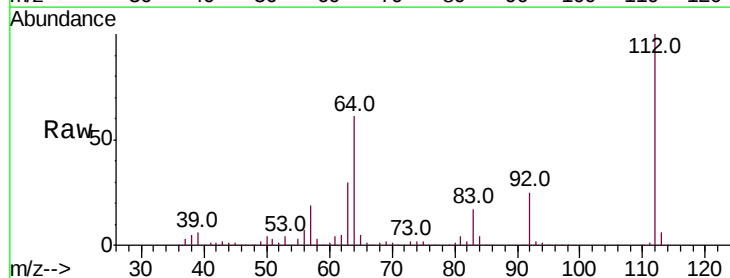
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



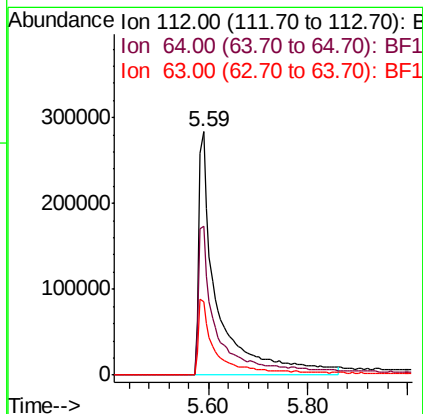
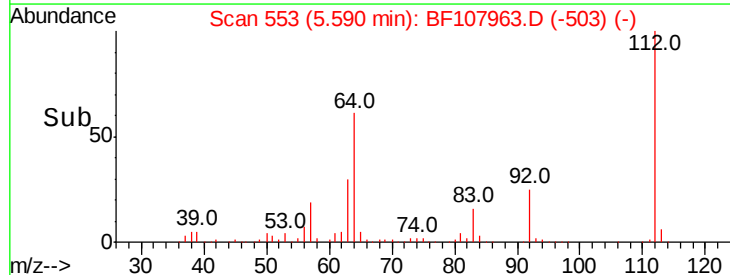
#5

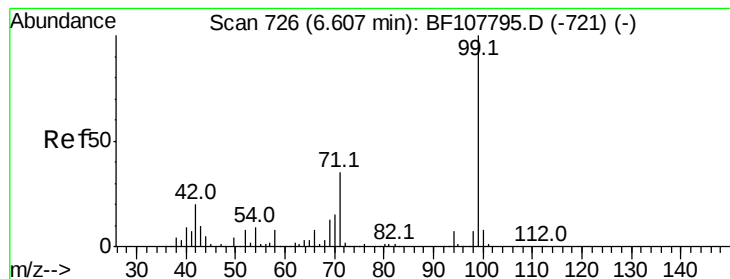
2-Fluorophenol
Concen: 123.215 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion:112 Resp: 726082
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 30.3 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: 120.344 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampled :

TP-7

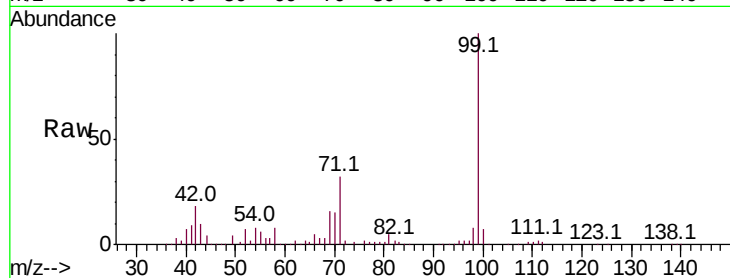
Tot Ion: 99 Resp: 934634

Ion Ratio Lower Upper

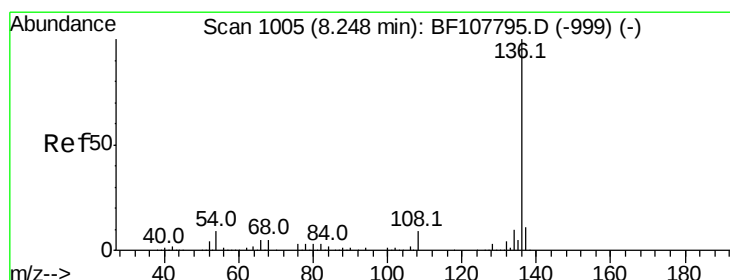
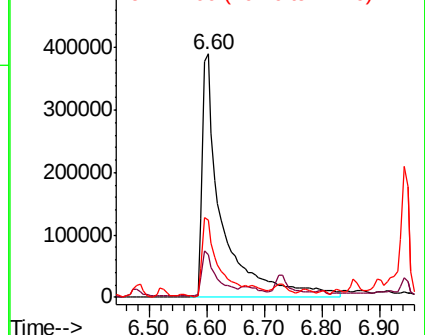
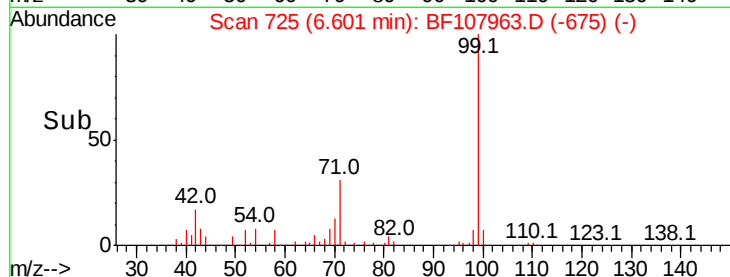
99 100

42 17.7 14.5 21.7

71 31.8 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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Tgt Ion:136 Resp: 277632

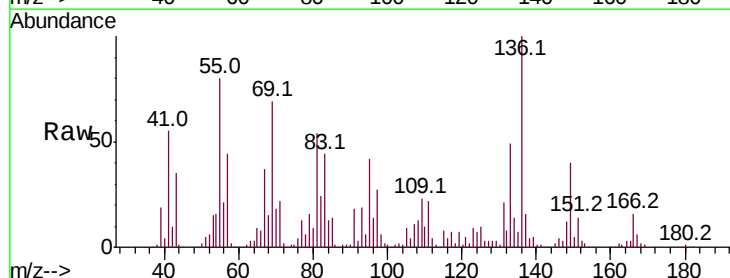
Ion Ratio Lower Upper

136 100

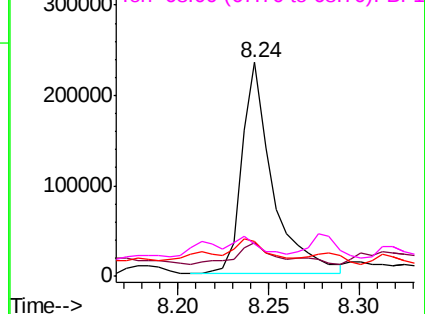
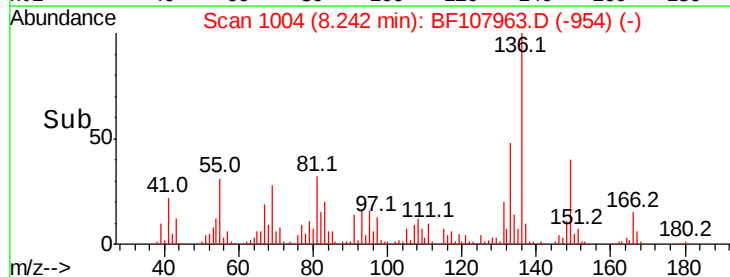
137 15.8 8.9 13.3#

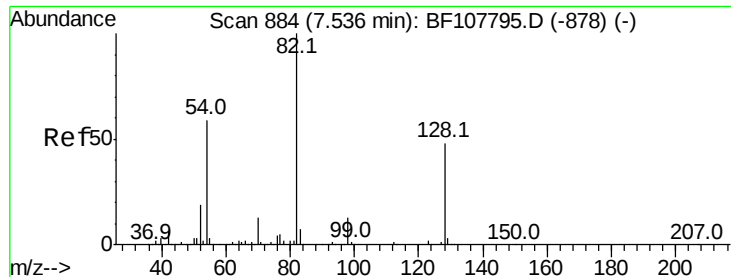
54 15.9 6.6 9.8#

68 15.2 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

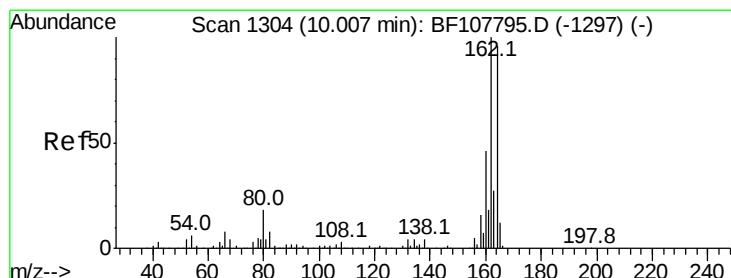
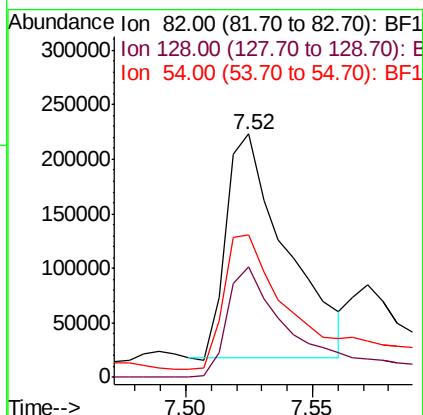
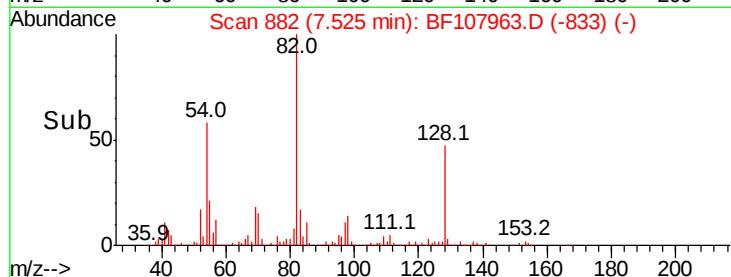
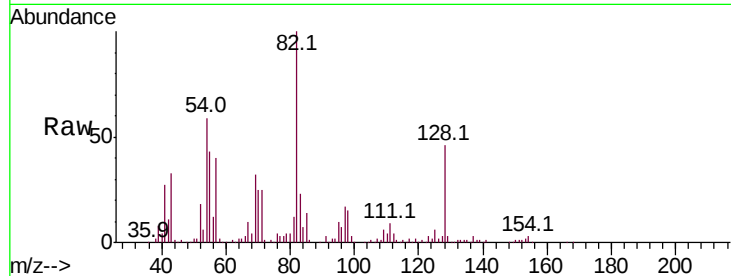




#23
Nitrobenzene-d5
Concen: 70.020 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

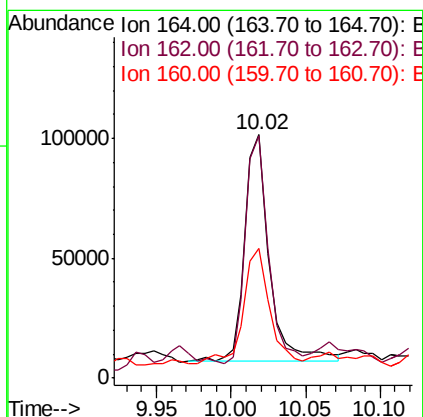
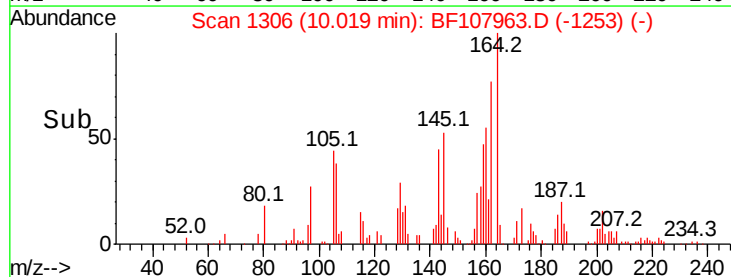
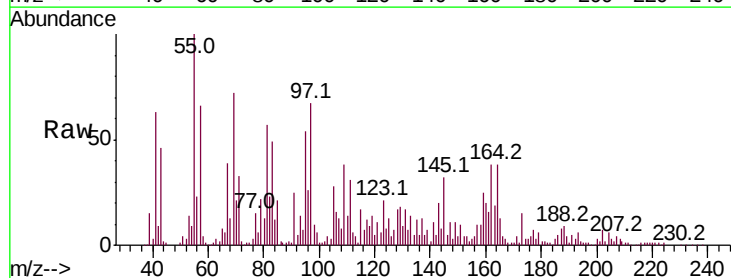
Instrument :
BNA_F
ClientSampled :
TP-7

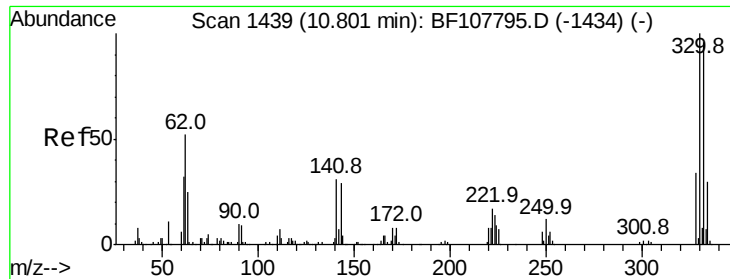
Tot Ion: 82 Resp: 337435
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 58.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion:164 Resp: 107858
Ion Ratio Lower Upper
164 100
162 99.8 86.1 129.1
160 53.1 38.3 57.5

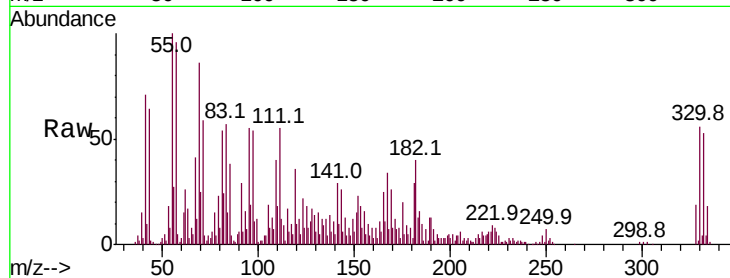




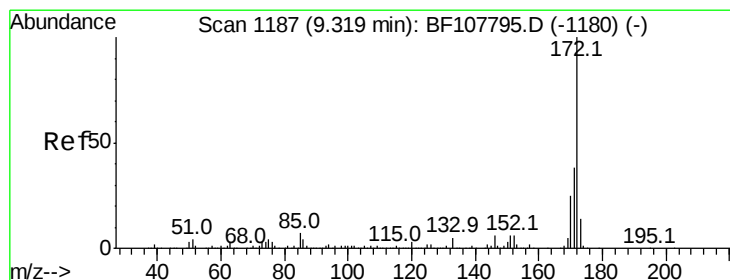
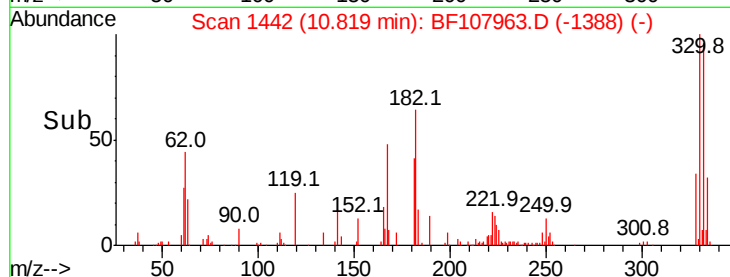
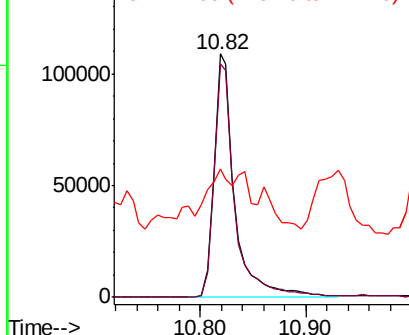
#41
 2,4,6-Tribromophenol
 Concen: 102.491 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion:330 Resp: 150208
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 24.3 29.9 44.9#

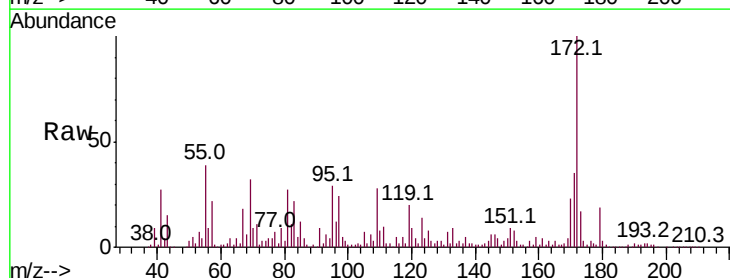


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

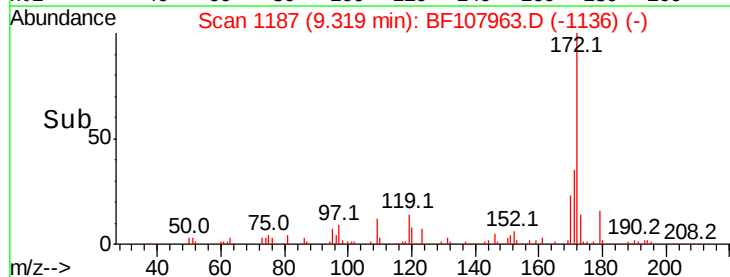
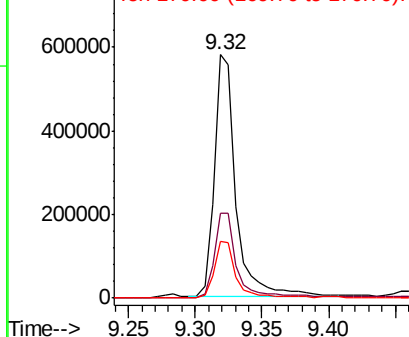


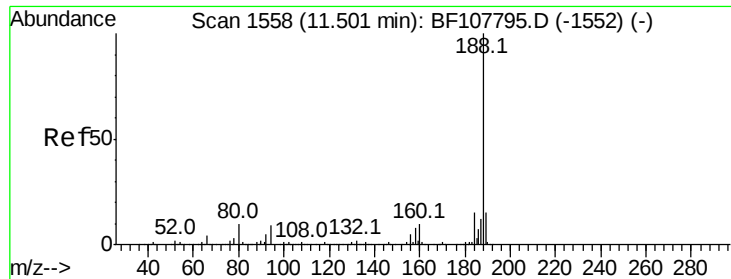
#44
 2-Fluorobiphenyl
 Concen: 85.516 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107963.D
 Acq: 4 Aug 2018 3:12

Tgt Ion:172 Resp: 661905
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.5 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. 0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampleId :

TP-7

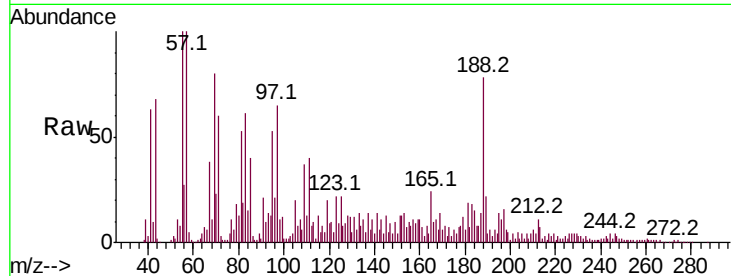
Tot Ion:188 Resp: 195842

Ion Ratio Lower Upper

188 100

94 17.0 8.5 12.7#

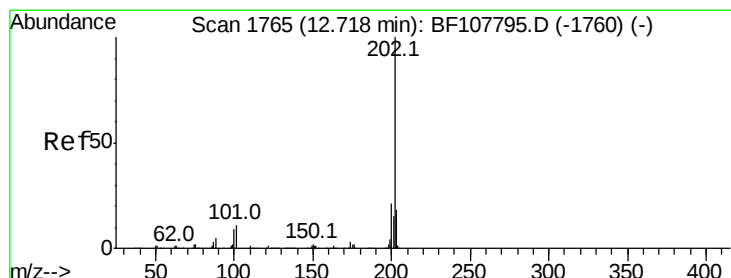
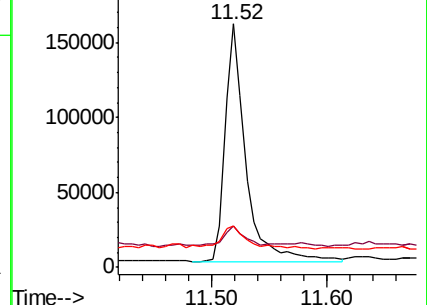
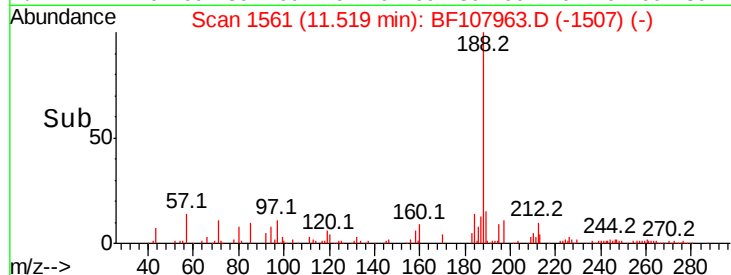
80 16.9 9.2 13.8#



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



#74

Fluoranthene

Concen: 3.763 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

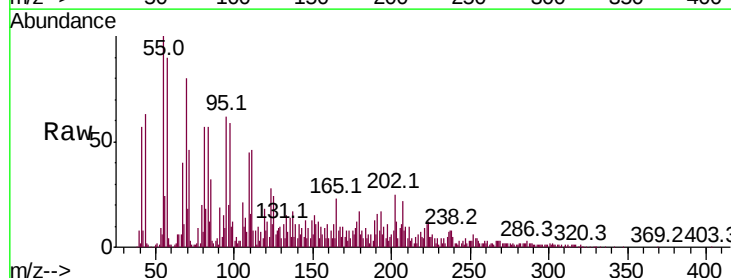
Tgt Ion:202 Resp: 41106

Ion Ratio Lower Upper

202 100

101 19.1 0.0 34.1

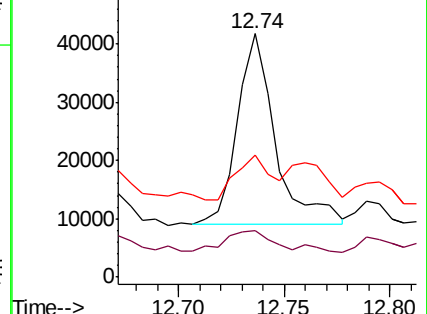
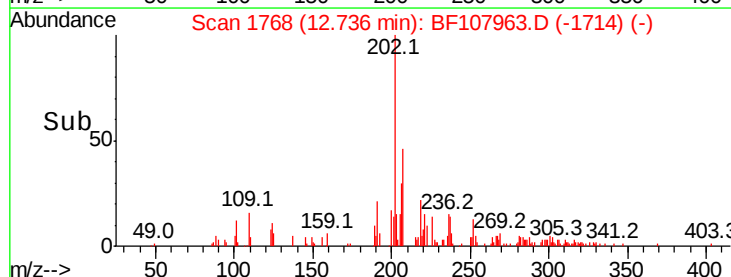
203 50.0 0.0 38.1#

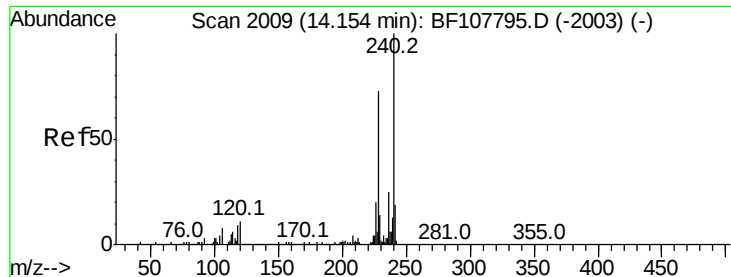


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampled :

TP-7

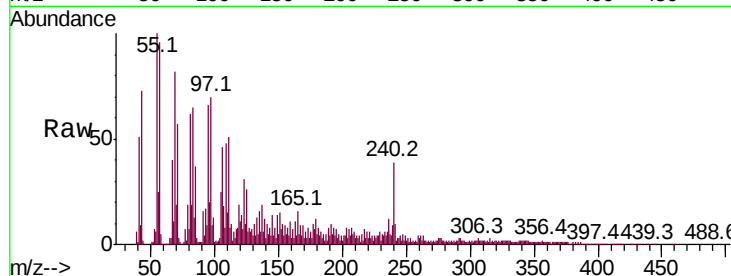
Tot Ion:240 Resp: 119961

Ion Ratio Lower Upper

240 100

120 28.7 9.5 14.3#

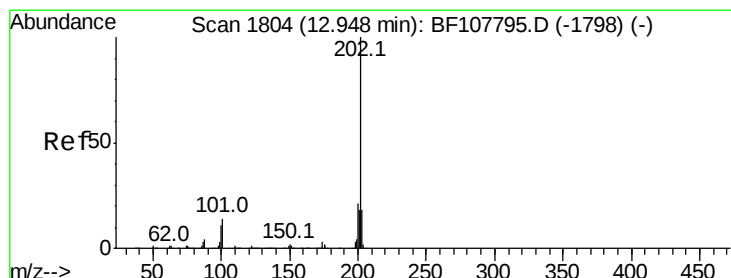
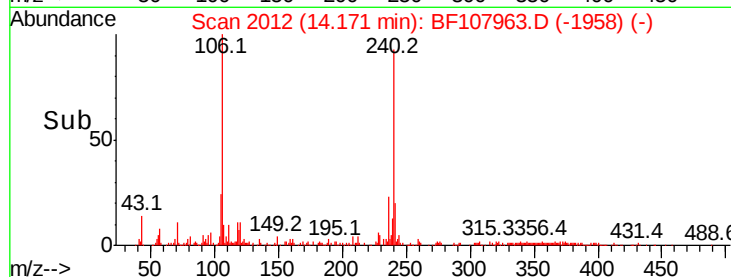
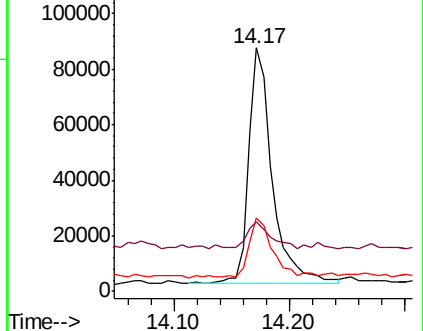
236 29.9 20.7 31.1



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



#77

Pyrene

Concen: 9.711 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.02 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

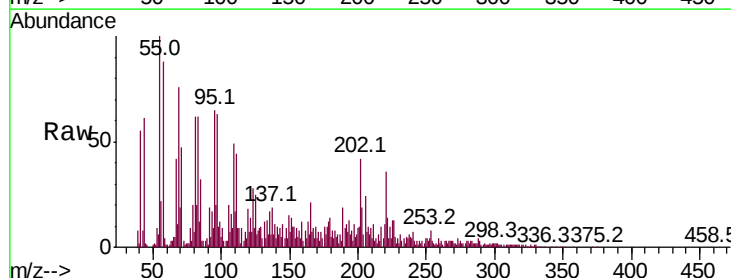
Tgt Ion:202 Resp: 83883

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

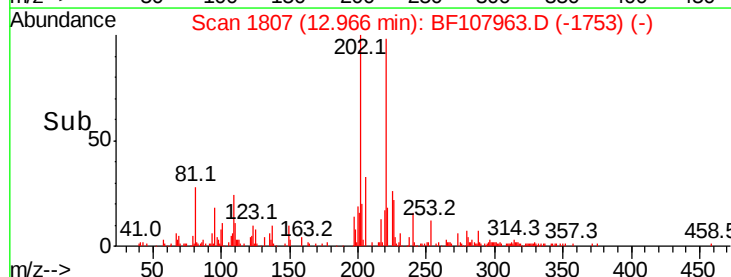
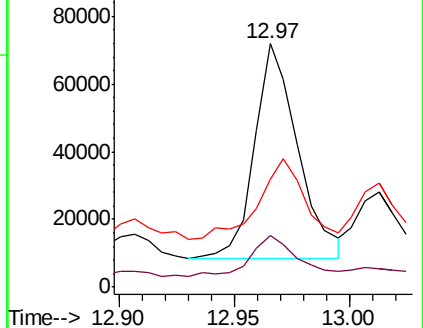
203 44.6 14.3 21.5#

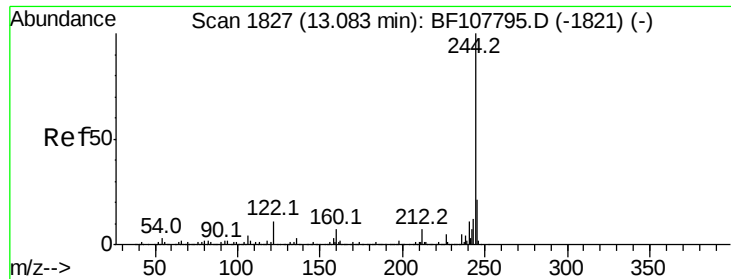


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 129.671 ng

RT: 13.09 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

Instrument :

BNA_F

ClientSampleId :

TP-7

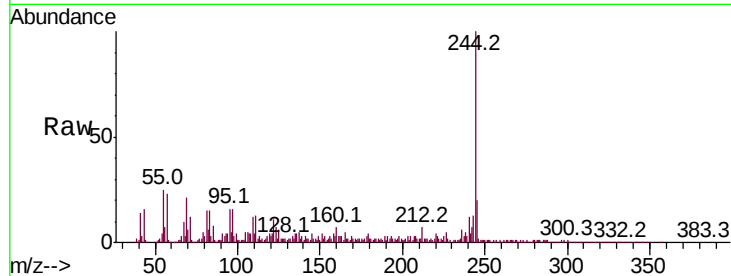
Tot Ion:244 Resp: 717363

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

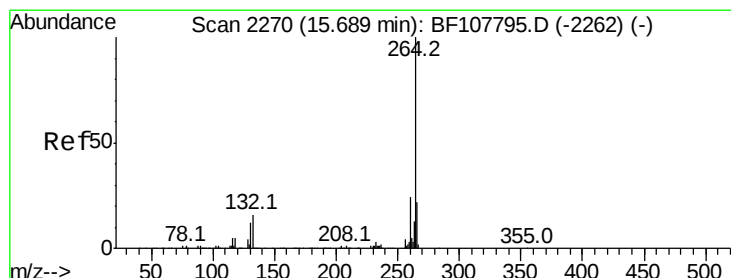
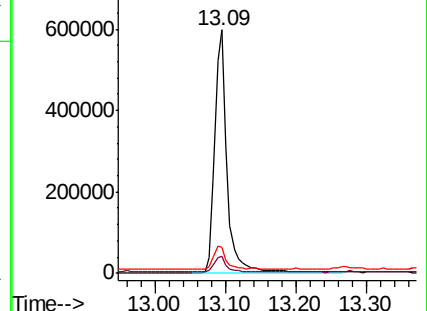
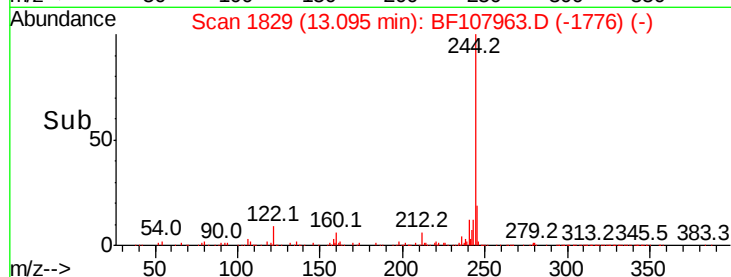
122 10.7 11.0 16.4#



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. 0.08 min

Lab File: BF107963.D

Acq: 4 Aug 2018 3:12

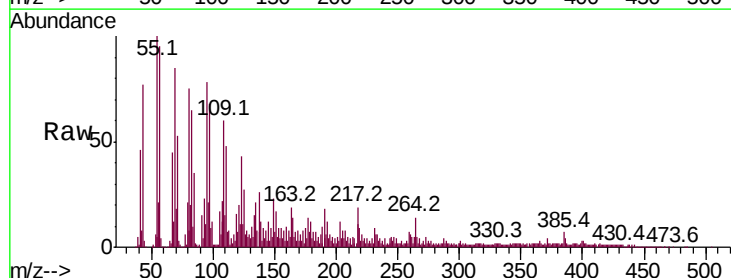
Tgt Ion:264 Resp: 72173

Ion Ratio Lower Upper

264 100

260 42.7 19.2 28.8#

265 35.7 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

