

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107535.D
 Acq On : 20 Jul 2018 20:31
 Operator : JU/SJ
 Sample : J4054-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1

Quant Time: Jul 21 00:11:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

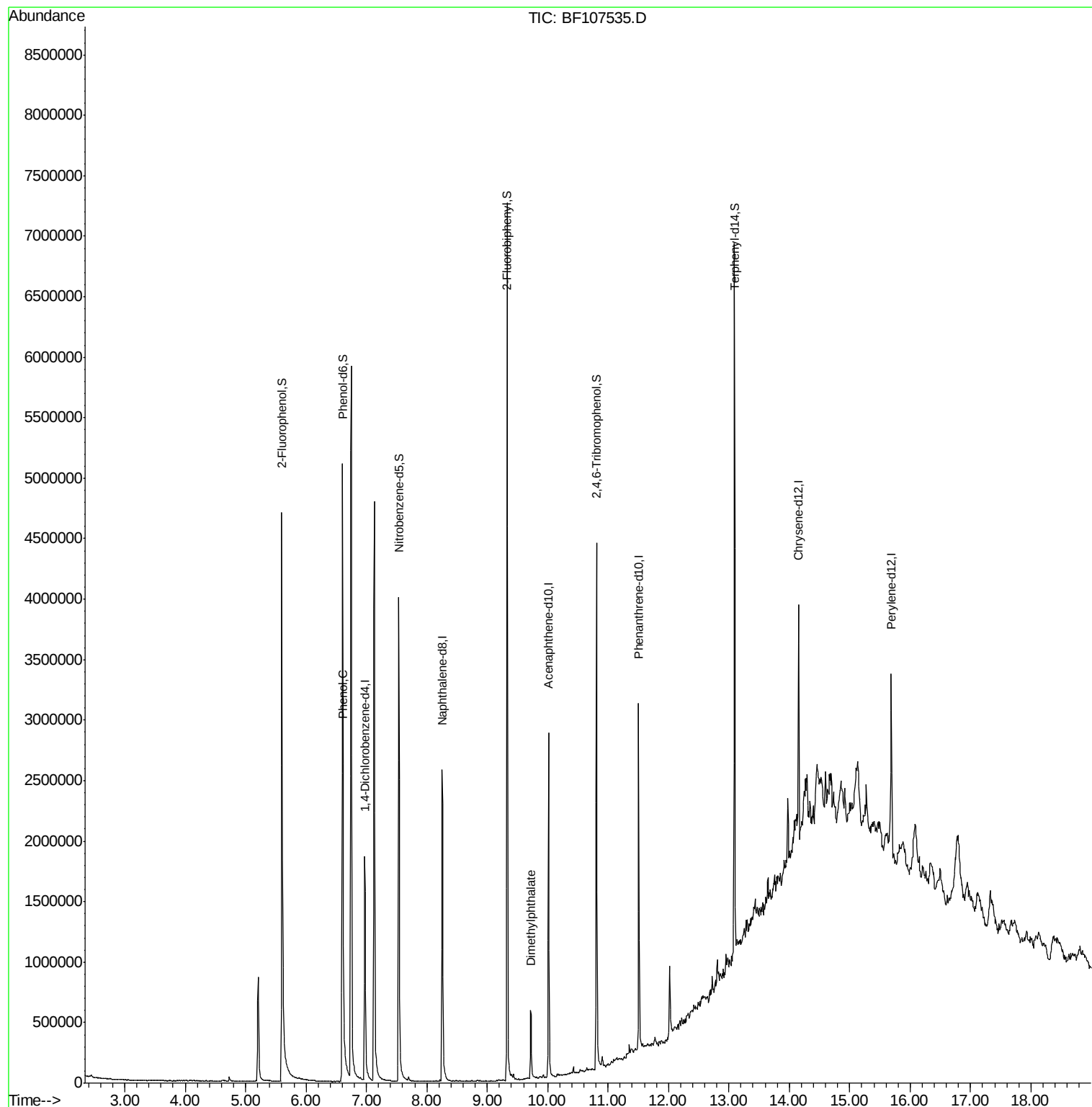
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	360178	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1403247	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	620756	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1137982	20.00	ng	0.00
75) Chrysene-d12	14.15	240	728939	20.00	ng	-0.01
86) Perylene-d12	15.69	264	814666	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1925244	85.94	ng	0.00
7) Phenol-d6	6.61	99	2350056	87.37	ng	0.00
23) Nitrobenzene-d5	7.54	82	1385978	66.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	661062	93.65	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2389585	60.76	ng	0.00
78) Terphenyl-d14	13.09	244	2067807	72.62	ng	0.00
Target Compounds						
10) Phenol	6.62	94	76451	2.417	ng	Qvalue # 68
49) Dimethylphthalate	9.72	163	273952	5.856	ng	99

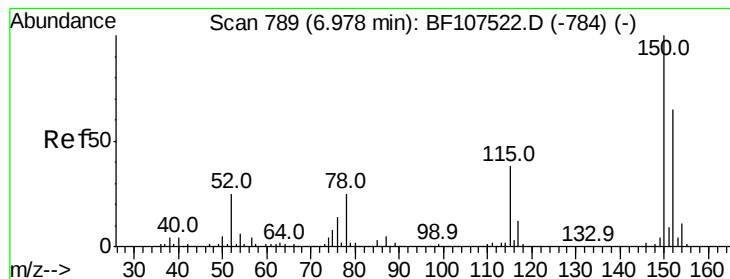
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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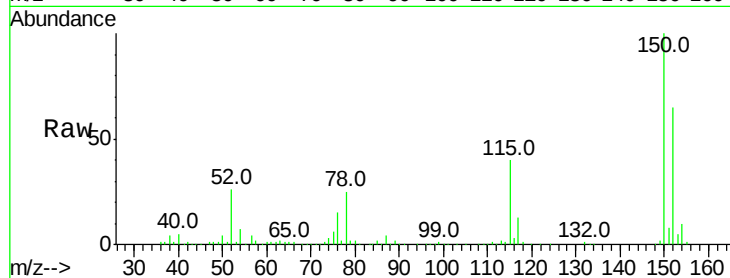


#1

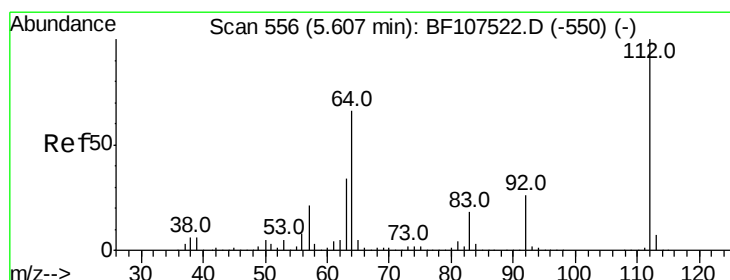
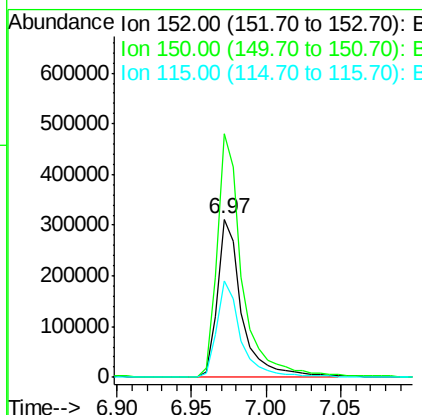
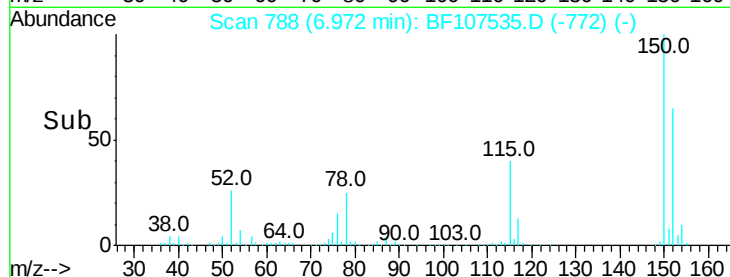
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tot Ion:152 Resp: 360178
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 61.0 50.1 75.1



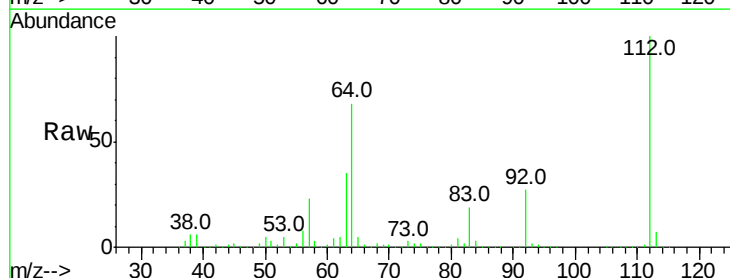
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



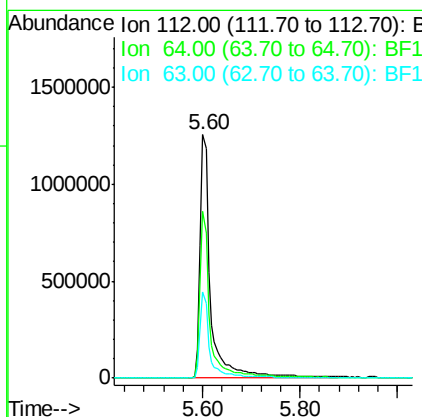
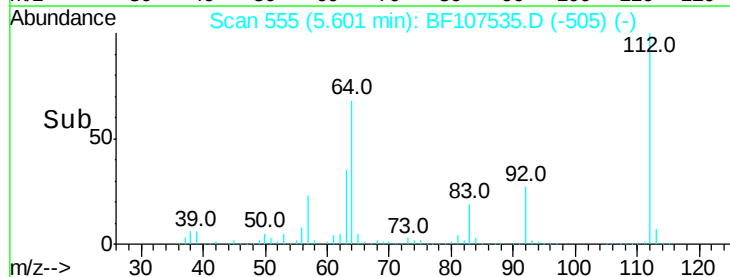
#5

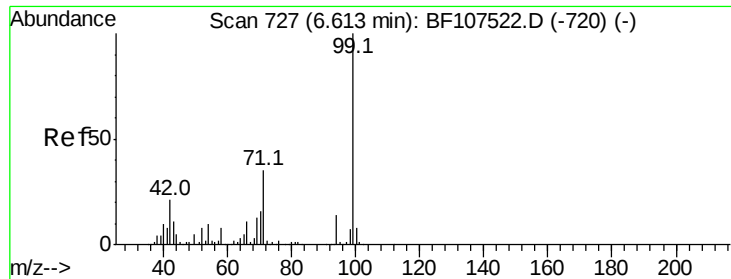
2-Fluorophenol
Concen: 85.942 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:112 Resp: 1925244
Ion Ratio Lower Upper
112 100
64 68.4 47.9 71.9
63 35.5 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: 87.367 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107535.D

Acq: 20 Jul 2018 20:31

Instrument :

BNA_F

ClientSampled :

161-TP-1

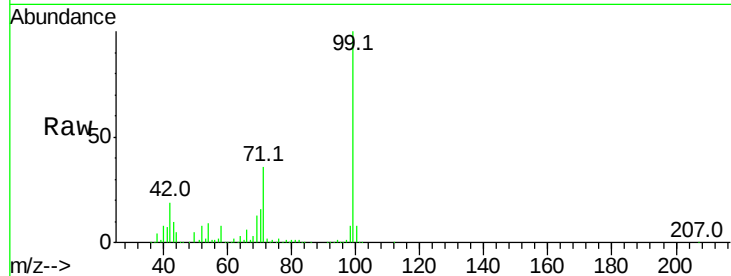
Tot Ion: 99 Resp: 2350056

Ion Ratio Lower Upper

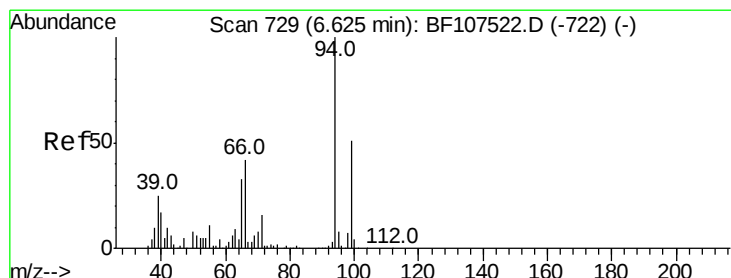
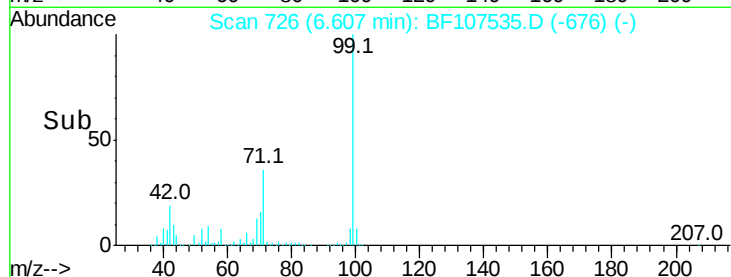
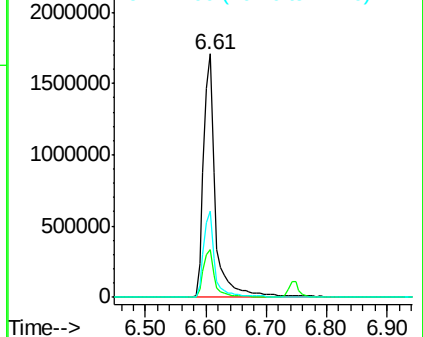
99 100

42 19.5 14.5 21.7

71 35.6 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



#10

Phenol

Concen: 2.417 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107535.D

Acq: 20 Jul 2018 20:31

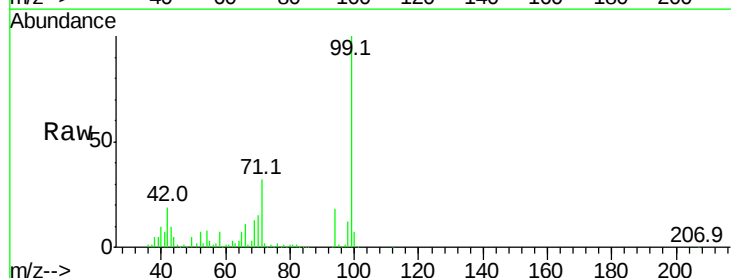
Tgt Ion: 94 Resp: 76451

Ion Ratio Lower Upper

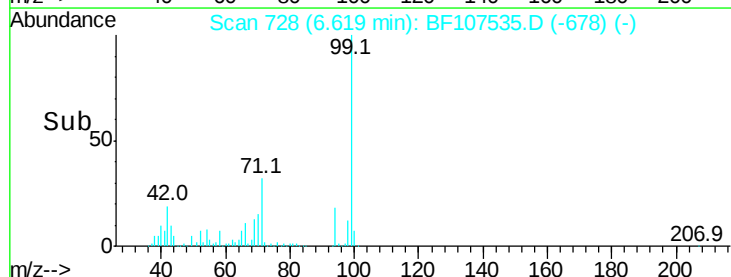
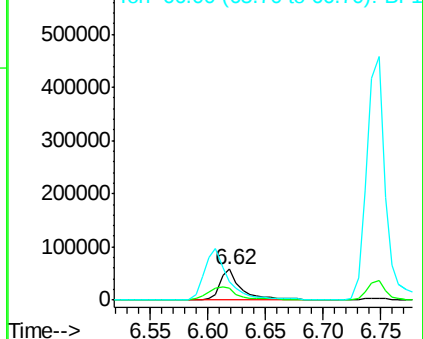
94 100

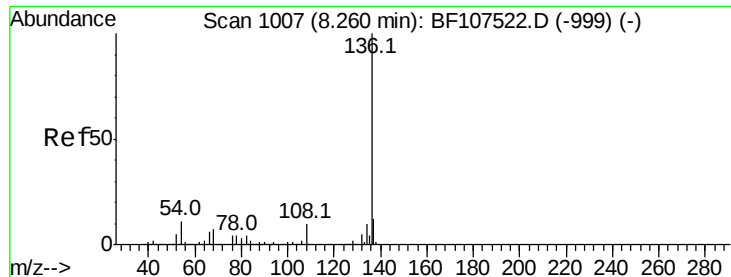
65 38.4 7.9 47.9

66 60.2 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: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107535.D

Acq: 20 Jul 2018 20:31

Instrument :

BNA_F

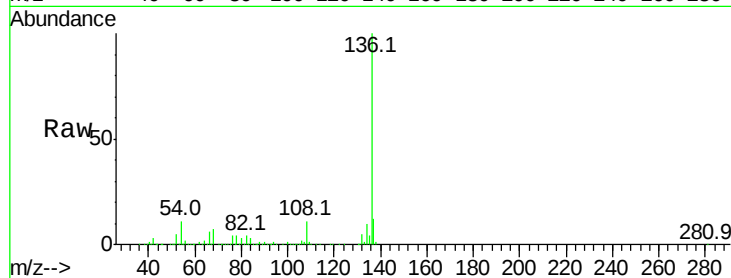
ClientSampleId :

161-TP-1

Tot Ion:136 Resp: 1403247

Ion Ratio Lower Upper

136	100		
137	11.6	8.9	13.3
54	11.0	6.6	9.8#
68	6.8	5.0	7.4

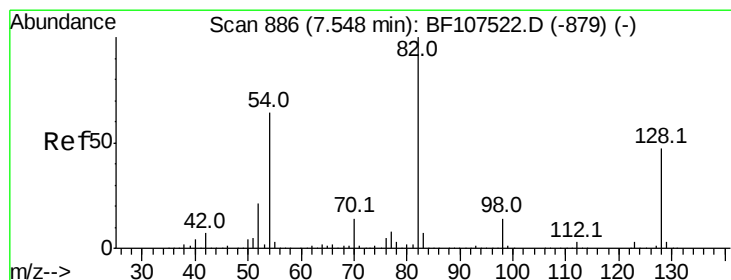
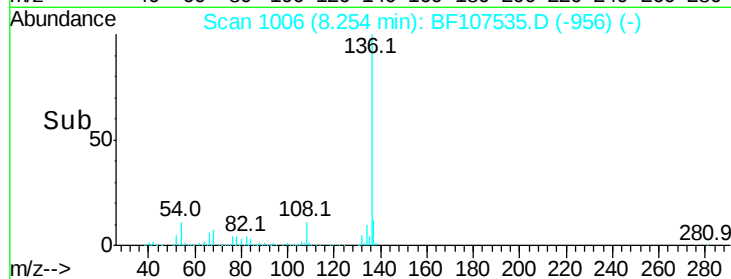
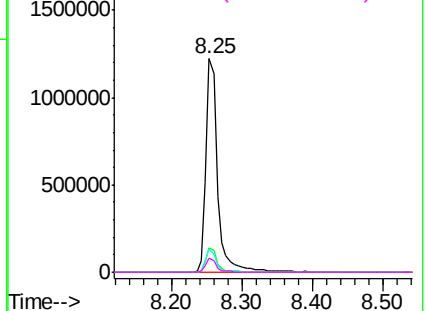


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.657 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

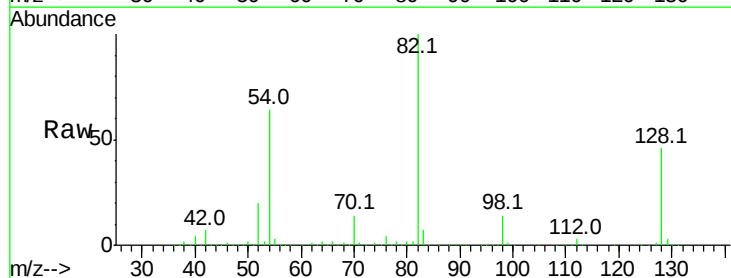
Lab File: BF107535.D

Acq: 20 Jul 2018 20:31

Tgt Ion: 82 Resp: 1385978

Ion Ratio Lower Upper

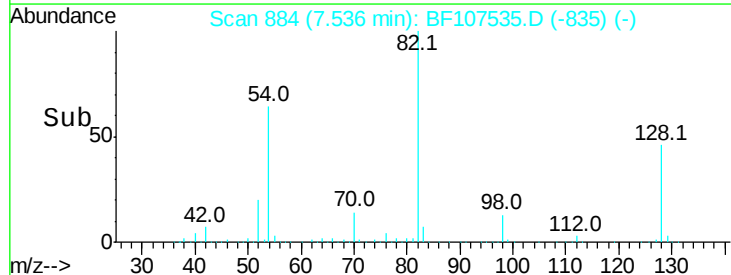
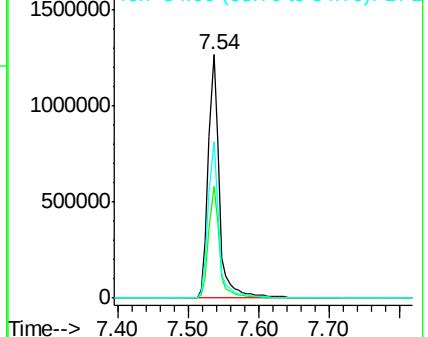
82	100		
128	46.1	36.1	54.1
54	64.1	41.4	62.2#

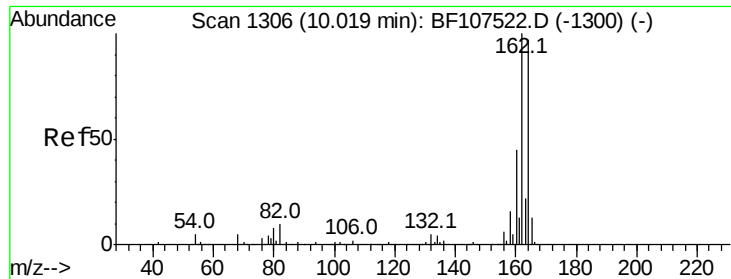


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107535.D

Acq: 20 Jul 2018 20:31

Instrument :

BNA_F

ClientSampled :

161-TP-1

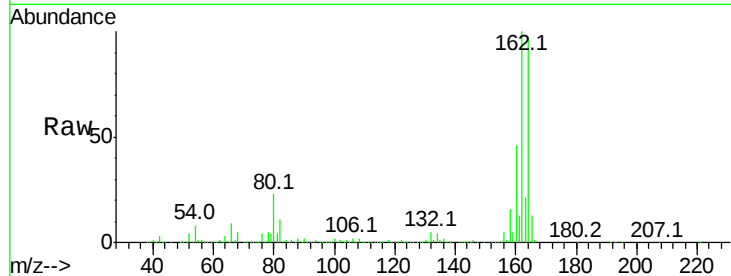
Tot Ion:164 Resp: 620756

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

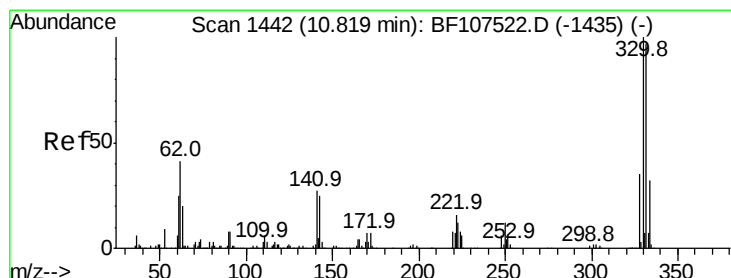
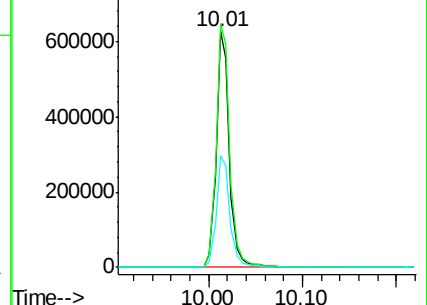
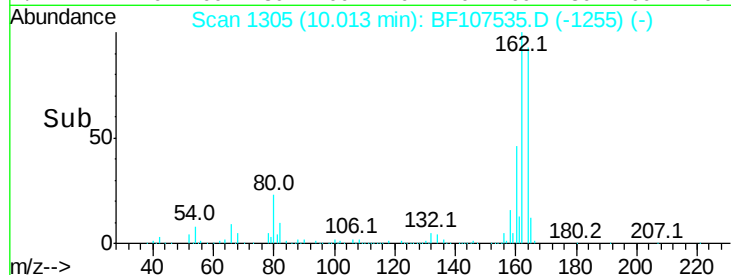
160 47.7 38.3 57.5



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: 93.649 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF107535.D

Acq: 20 Jul 2018 20:31

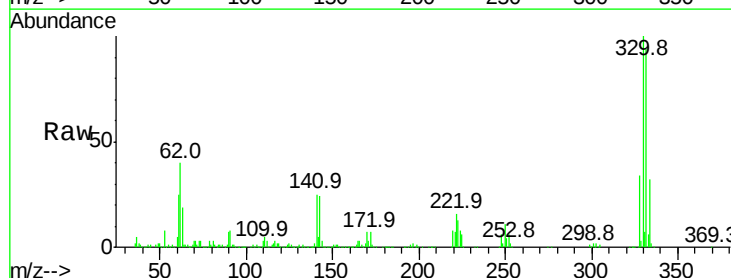
Tgt Ion:330 Resp: 661062

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

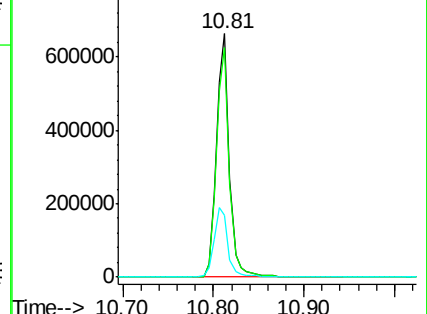
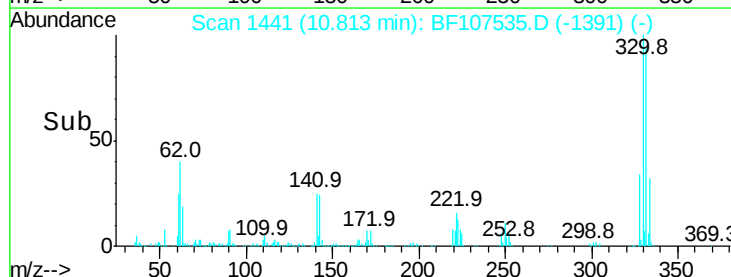
141 30.5 29.9 44.9

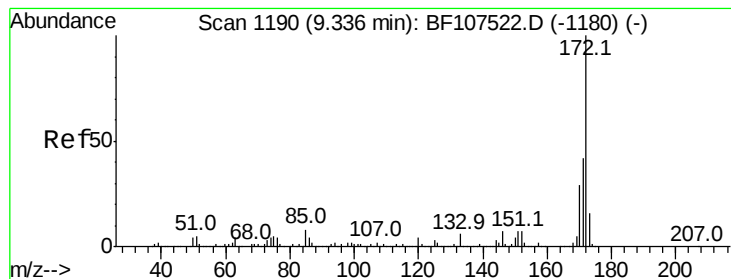


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



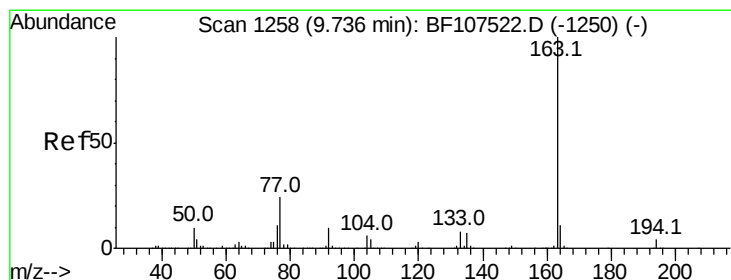
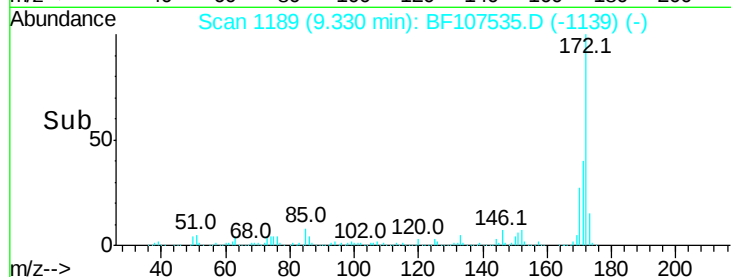
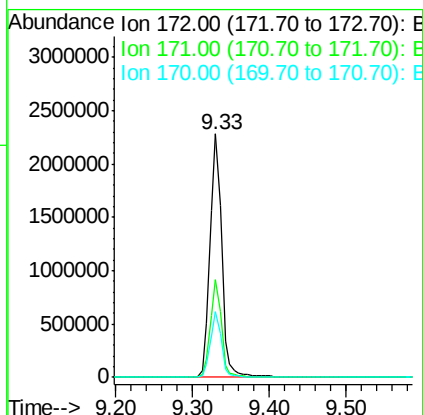
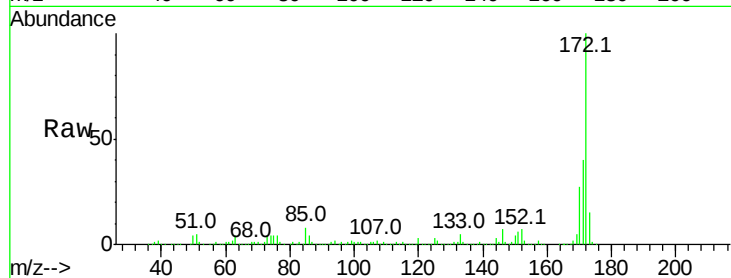


#44
 2-Fluorobiphenyl
 Concen: 60.757 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107535.D
 Acq: 20 Jul 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1

Tot Ion:172 Resp: 2389585

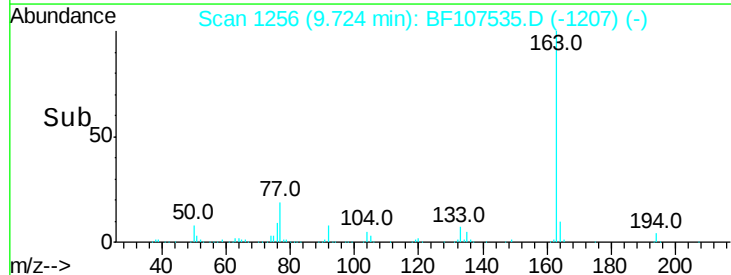
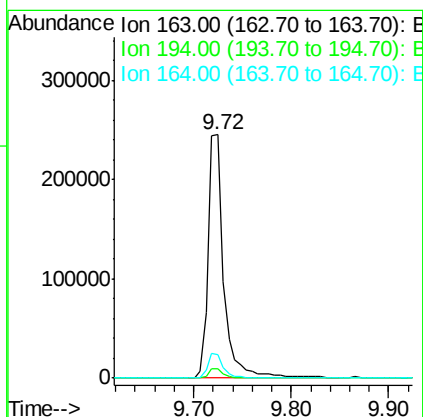
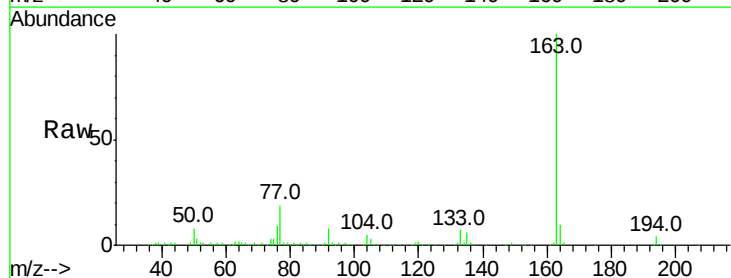
Ion	Ratio	Lower	Upper
172	100		
171	40.0	29.7	44.5
170	27.0	19.6	29.4

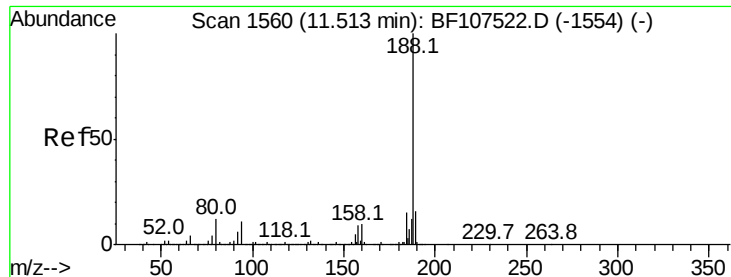


#49
 Dimethylphthalate
 Concen: 5.856 ng
 RT: 9.72 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF107535.D
 Acq: 20 Jul 2018 20:31

Tgt Ion:163 Resp: 273952

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.6	8.2	12.2

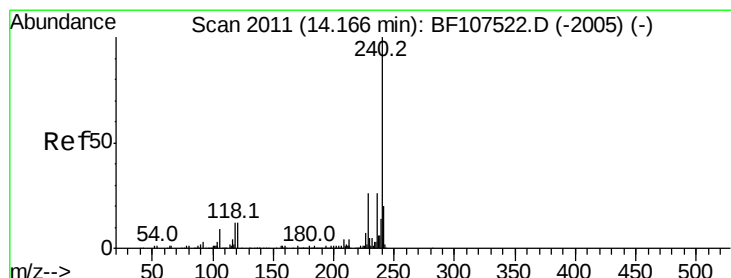
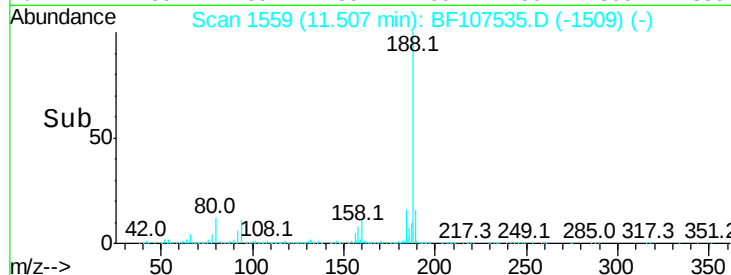
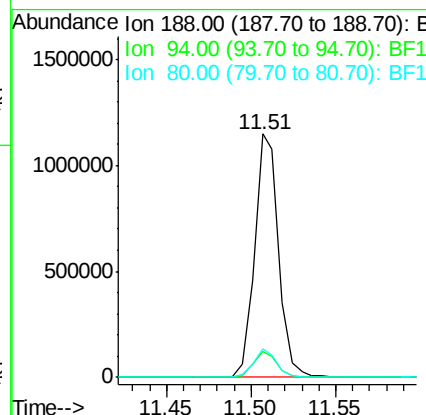
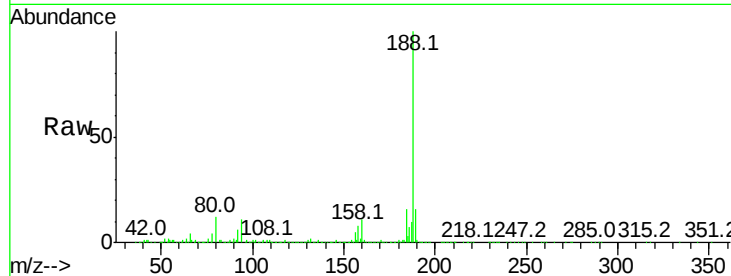




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

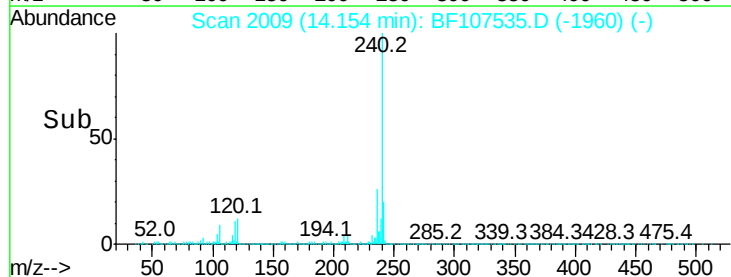
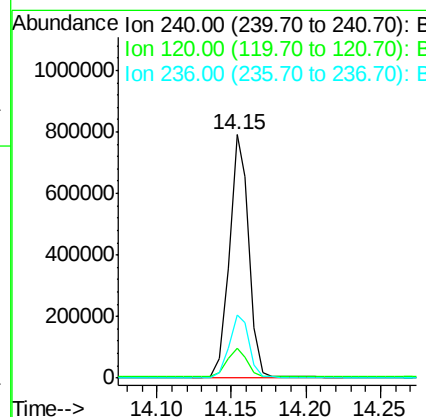
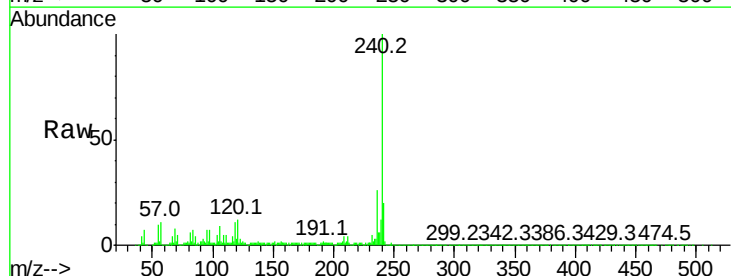
Instrument :
BNA_F
ClientSampleId :
161-TP-1

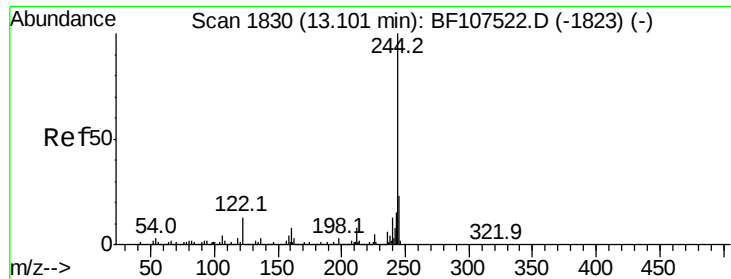
Tot Ion:188 Resp: 1137982
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:240 Resp: 728939
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 72.623 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107535.D

Acq: 20 Jul 2018 20:31

Instrument :

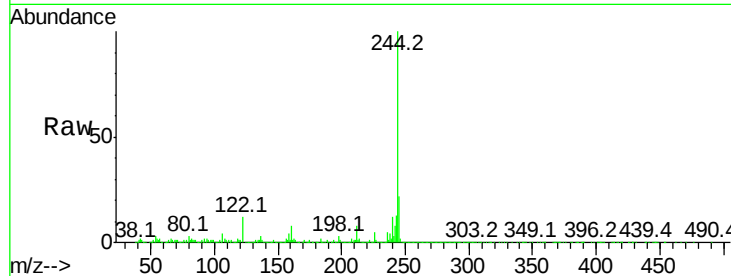
BNA_F

ClientSampled :

161-TP-1

Tot Ion:244 Resp: 2067807

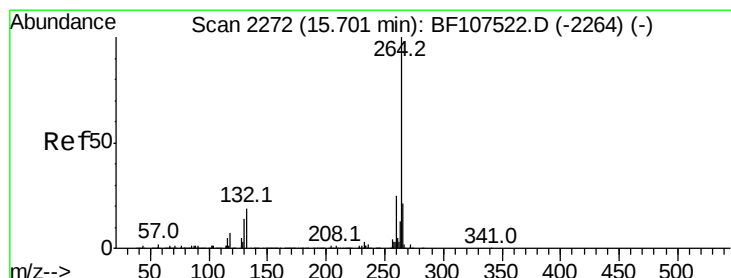
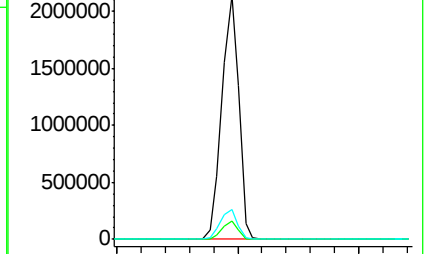
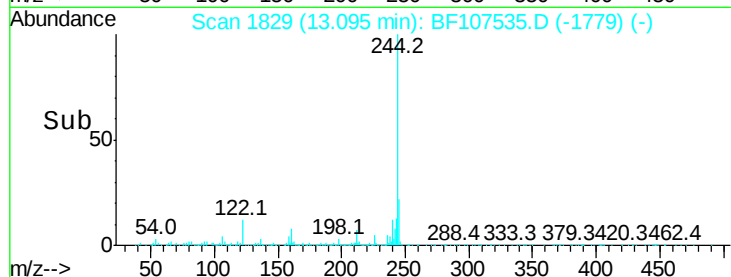
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	12.2	11.0	16.4



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: 15.69 min Scan# 2270

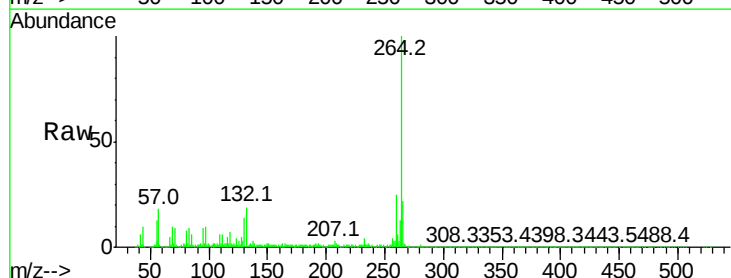
Delta R.T. -0.01 min

Lab File: BF107535.D

Acq: 20 Jul 2018 20:31

Tgt Ion:264 Resp: 814666

Ion	Ratio	Lower	Upper
264	100		
260	24.6	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

