

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107581.D
 Acq On : 23 Jul 2018 12:10
 Operator : JU/SJ
 Sample : J4018-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

Quant Time: Jul 23 14:01:45 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

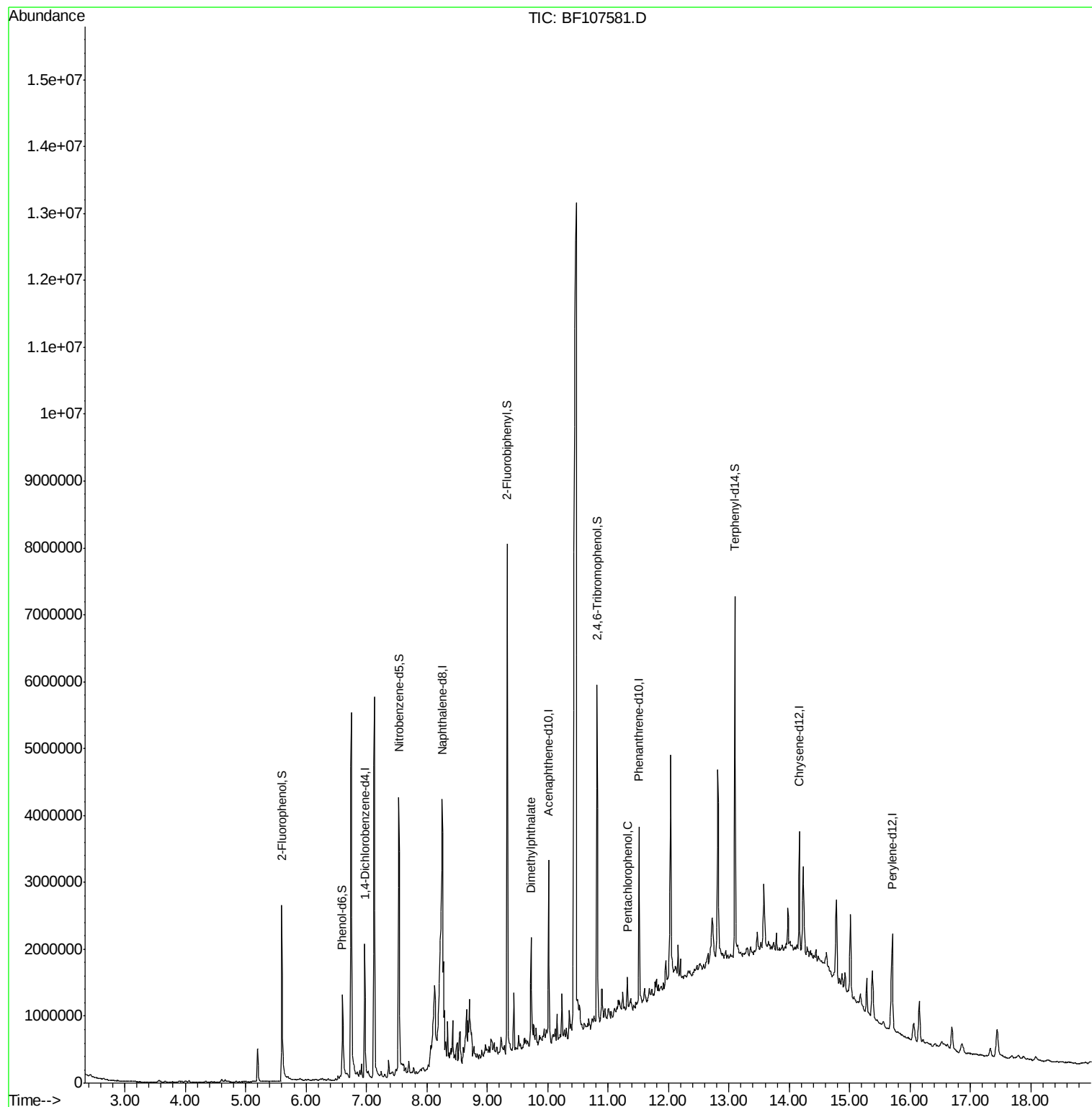
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	331225	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1181088	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	555378	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1003817	20.00	ng	0.00
75) Chrysene-d12	14.17	240	687167	20.00	ng	0.00
86) Perylene-d12	15.71	264	784777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	923144	44.81	ng	0.00
7) Phenol-d6	6.60	99	711887	28.78	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1588261	90.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	735502	116.46	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2702681	82.74	ng	0.00
78) Terphenyl-d14	13.10	244	2094328	78.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	625034	14.933	ng	99
69) Pentachlorophenol	11.32	266	67478	8.309	ng	99

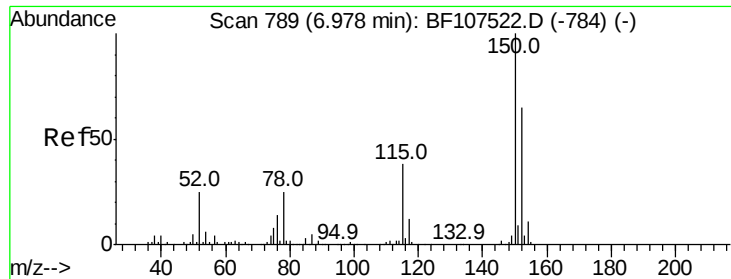
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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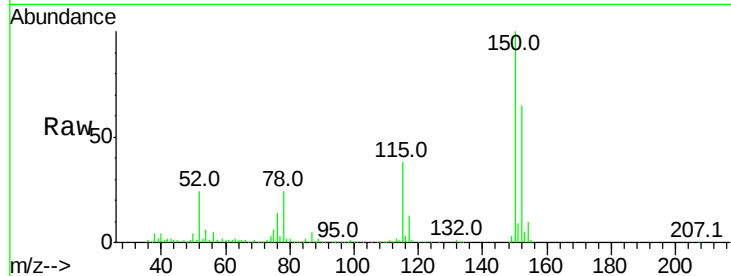


#1

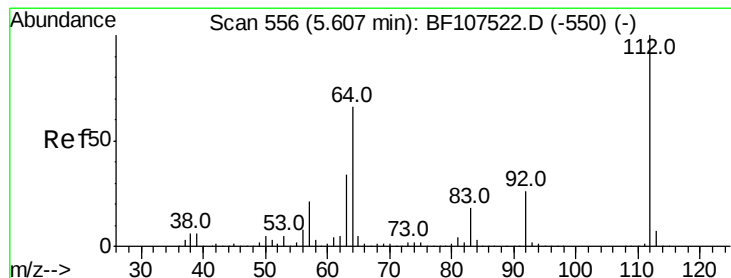
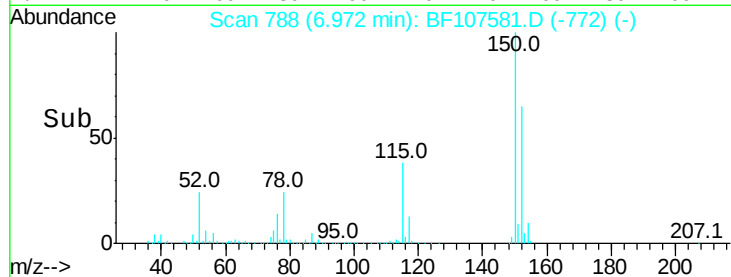
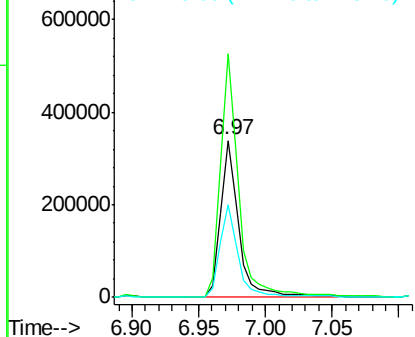
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107581.D
Acq: 23 Jul 2018 12:10

Instrument :
BNA_F
ClientSampleId :
DRUM-3-4

Tot Ion:152 Resp: 331225
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 58.8 50.1 75.1



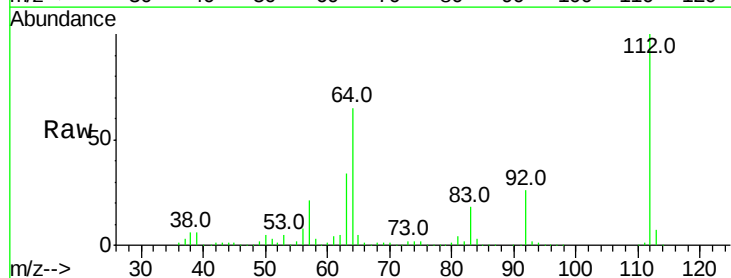
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



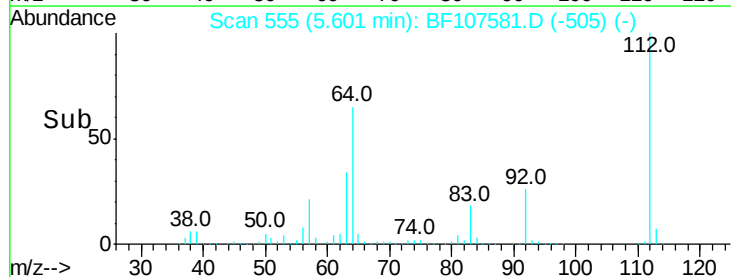
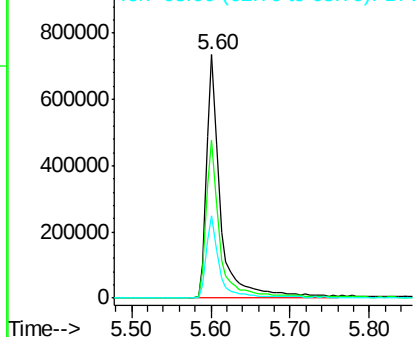
#5

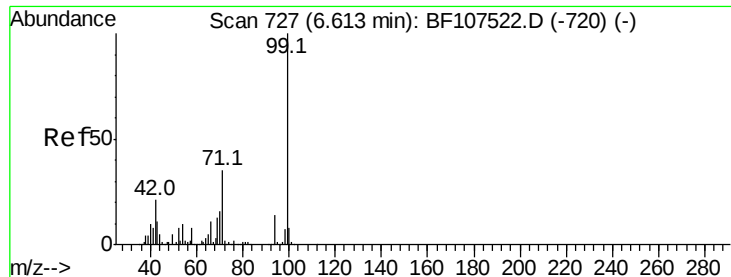
2-Fluorophenol
Concen: 44.811 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107581.D
Acq: 23 Jul 2018 12:10

Tgt Ion:112 Resp: 923144
Ion Ratio Lower Upper
112 100
64 64.7 47.9 71.9
63 33.6 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: 28.779 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107581.D

Acq: 23 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

DRUM-3-4

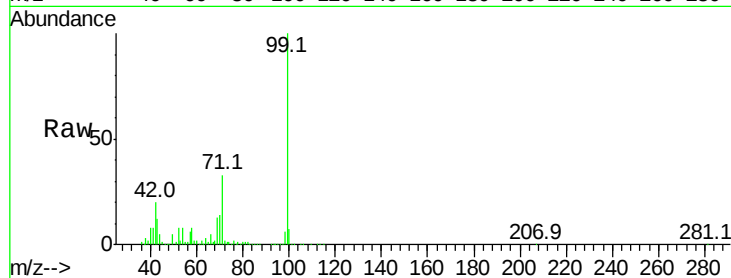
Tot Ion: 99 Resp: 711887

Ion Ratio Lower Upper

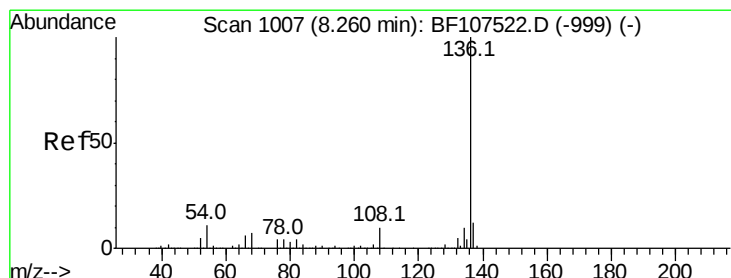
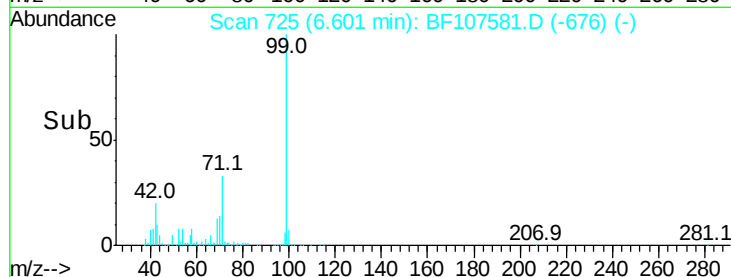
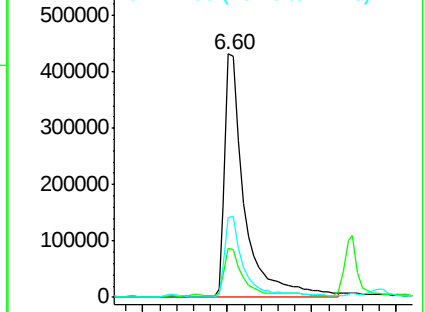
99 100

42 20.3 14.5 21.7

71 32.7 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: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107581.D

Acq: 23 Jul 2018 12:10

Tgt Ion: 136 Resp: 1181088

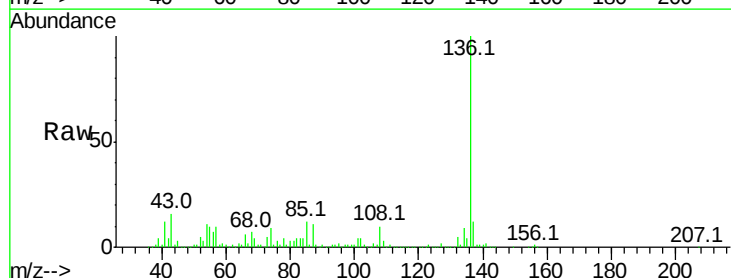
Ion Ratio Lower Upper

136 100

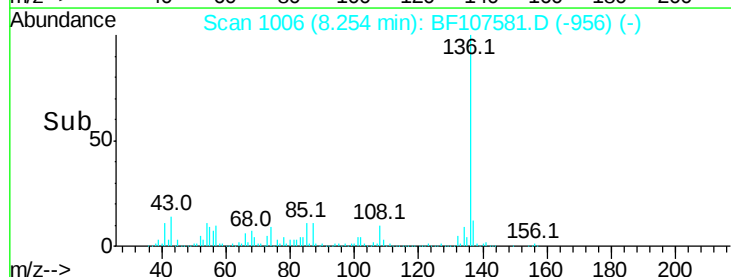
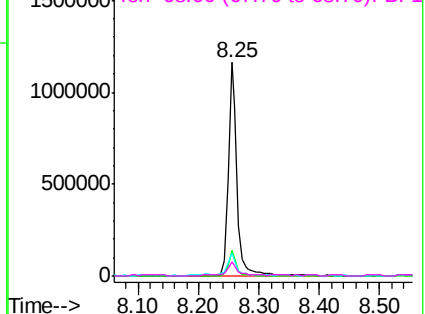
137 11.9 8.9 13.3

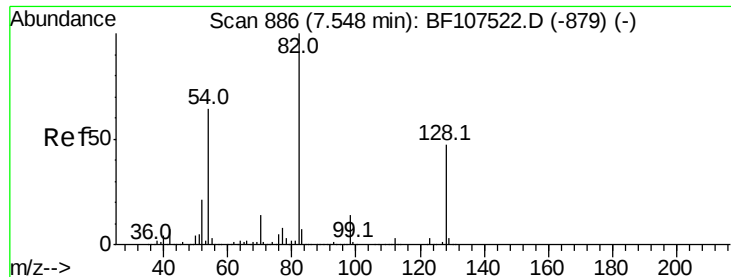
54 10.9 6.6 9.8#

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

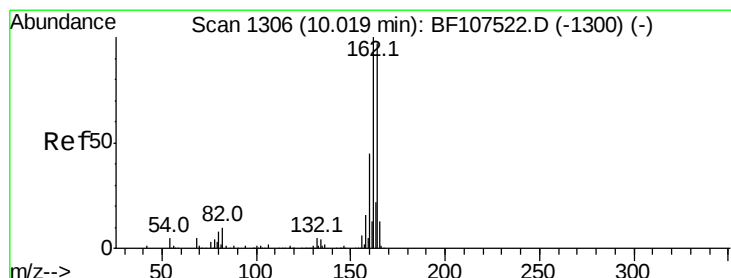
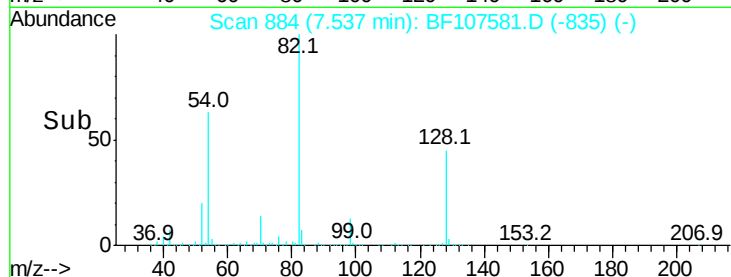
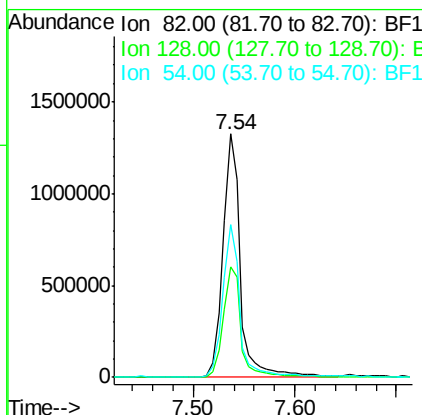
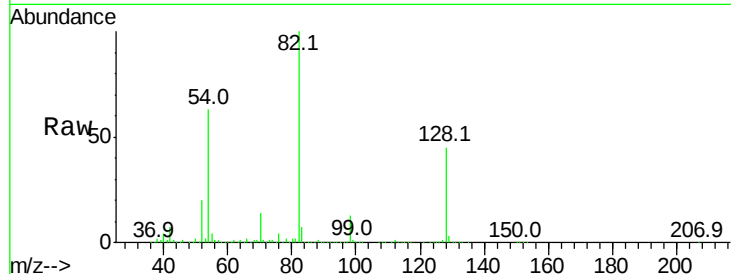




#23
 Nitrobenzene-d5
 Concen: 90.754 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

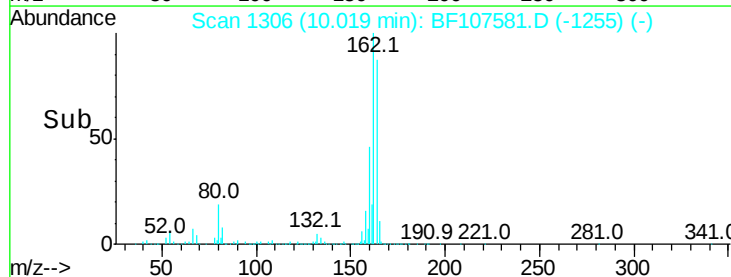
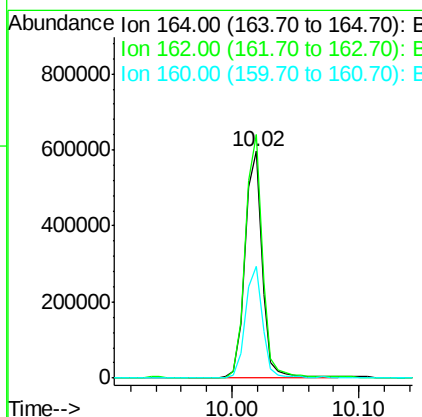
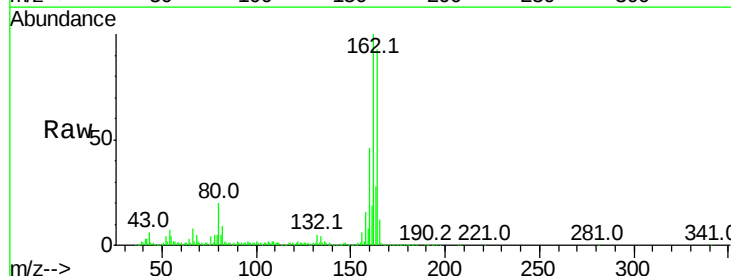
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

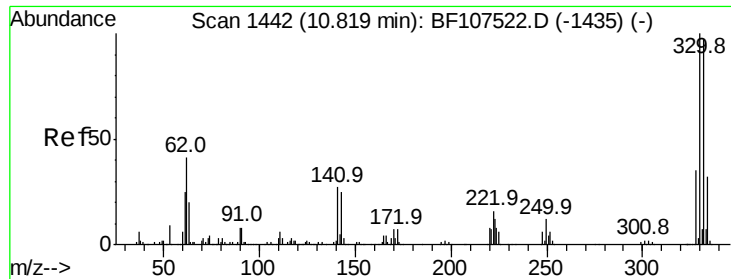
Tot Ion: 82 Resp: 1588261
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 62.6 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Tgt Ion:164 Resp: 555378
 Ion Ratio Lower Upper
 164 100
 162 107.5 86.1 129.1
 160 49.4 38.3 57.5

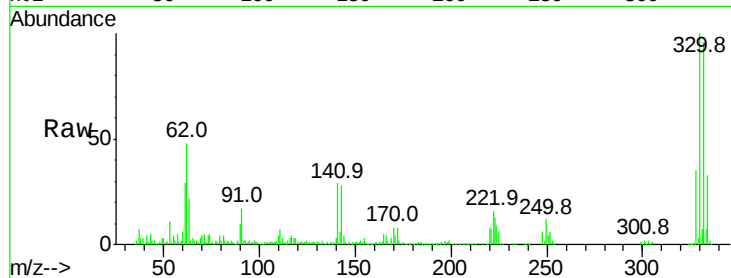




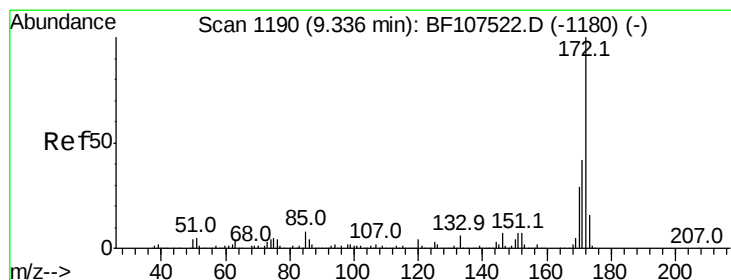
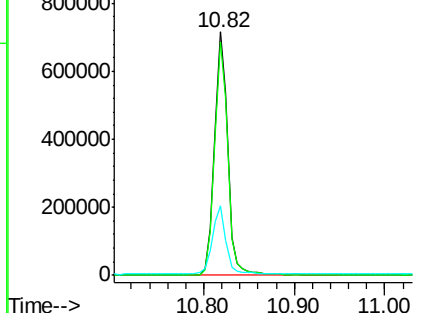
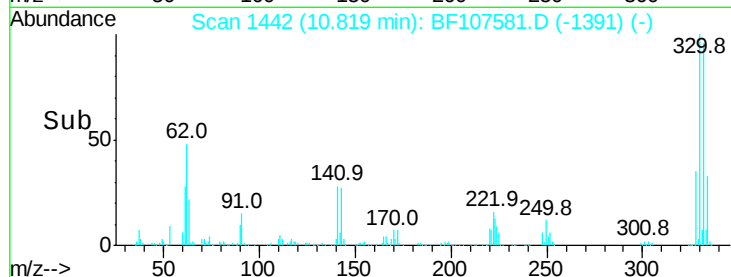
#41
 2,4,6-Tribromophenol
 Concen: 116.460 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	28.3	29.9	44.9#

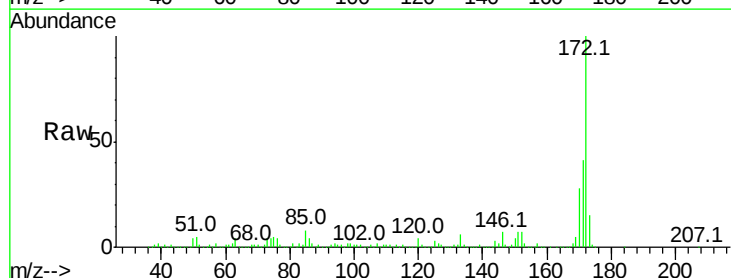


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

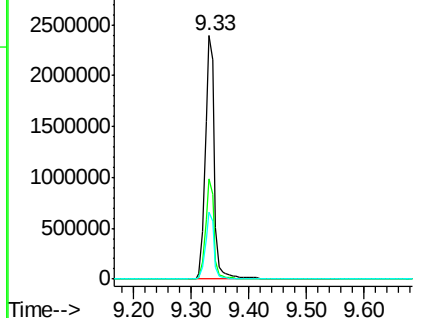
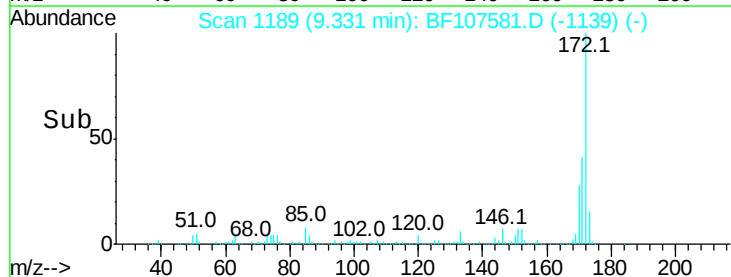


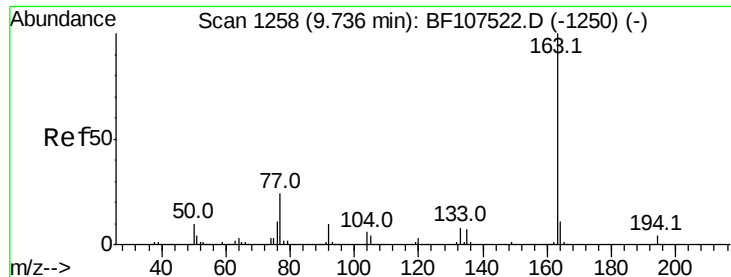
#44
 2-Fluorobiphenyl
 Concen: 82.737 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.0	29.7	44.5
170	27.5	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

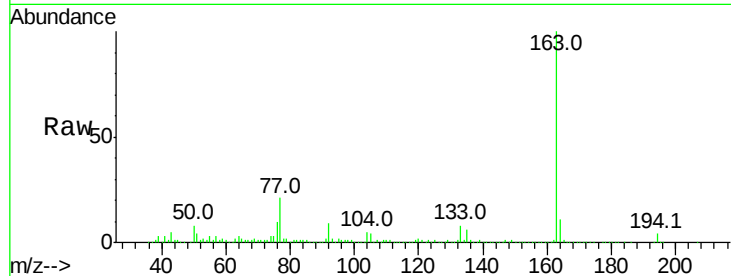




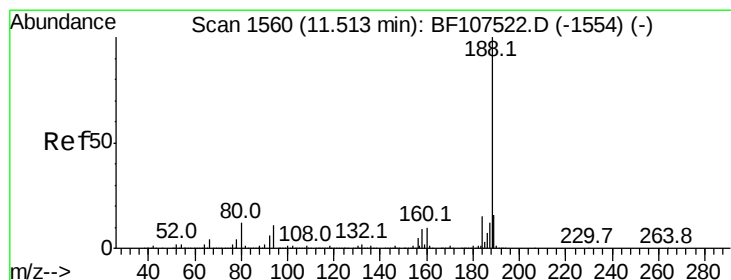
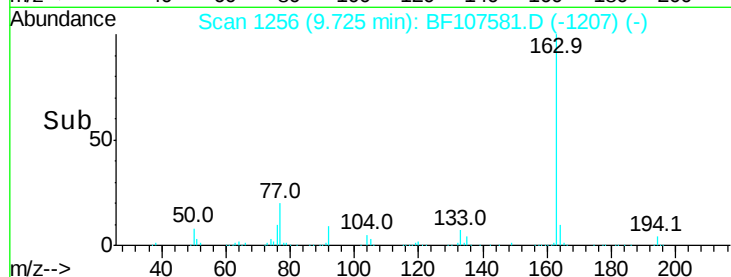
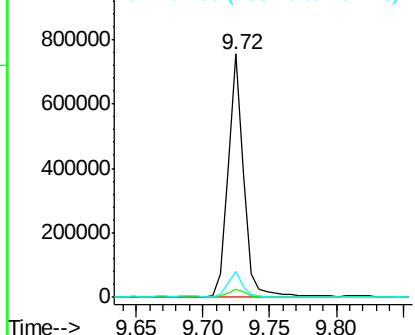
#49
Dimethylphthalate
Concen: 14.933 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107581.D
Acq: 23 Jul 2018 12:10

Instrument :
BNA_F
ClientSampleId :
DRUM-3-4

Tot Ion:163 Resp: 625034
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2

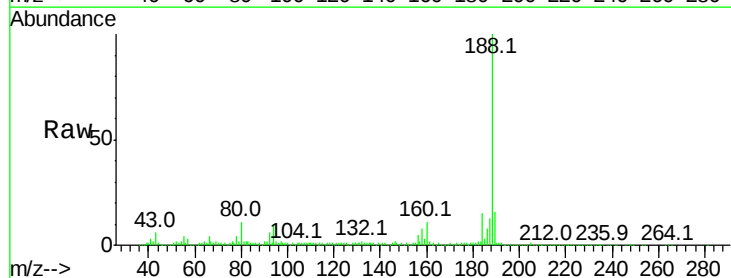


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

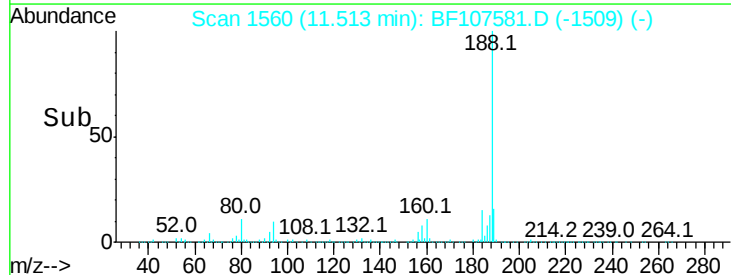
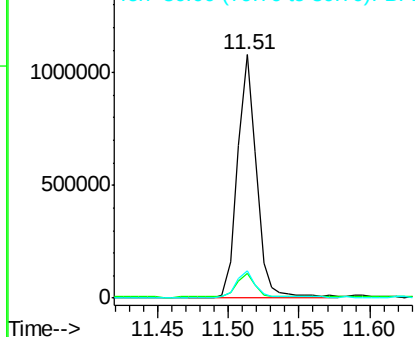


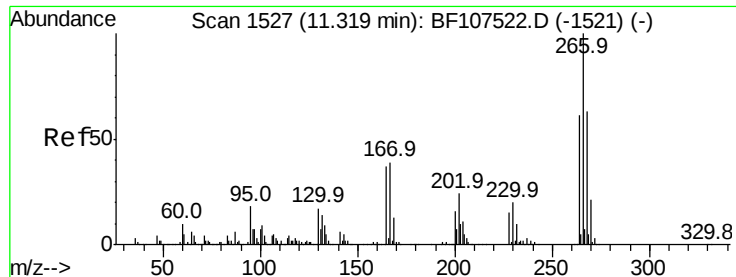
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107581.D
Acq: 23 Jul 2018 12:10

Tgt Ion:188 Resp: 1003817
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.2 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

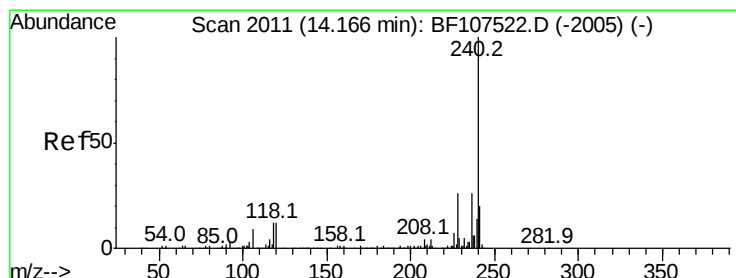
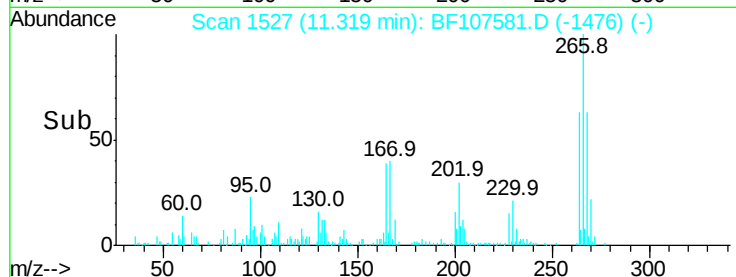
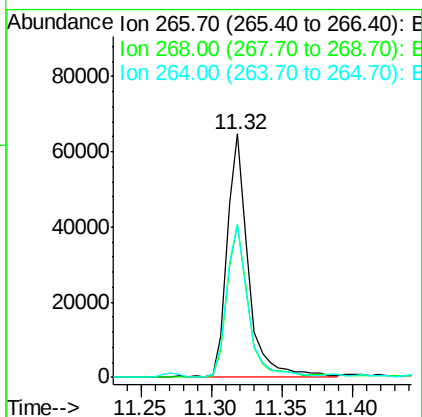
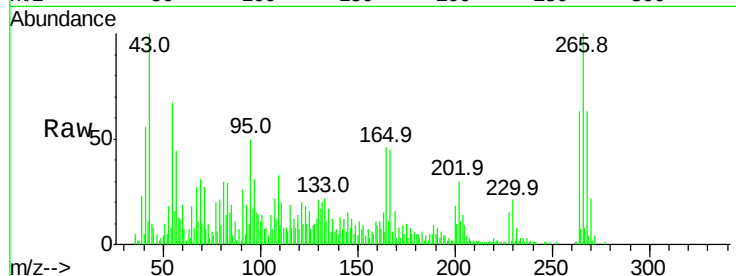




#69
 Pentachlorophenol
 Concen: 8.309 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

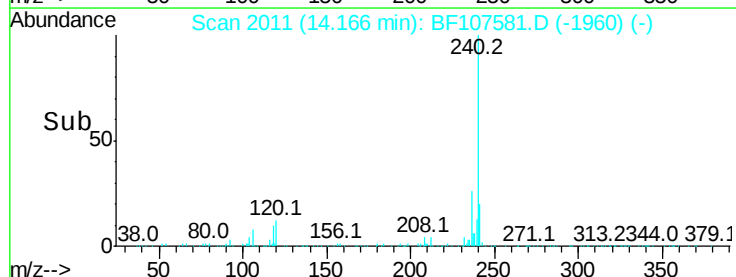
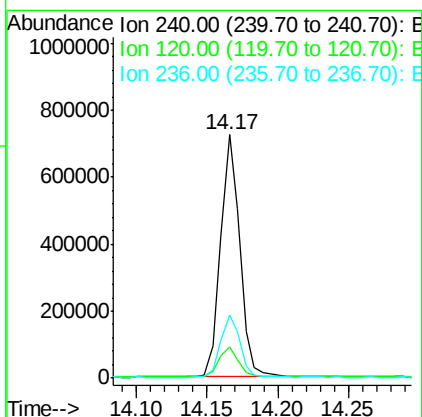
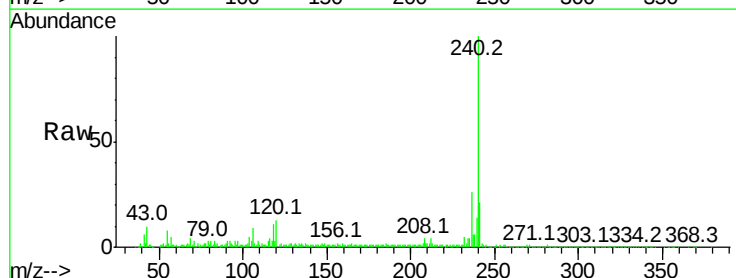
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

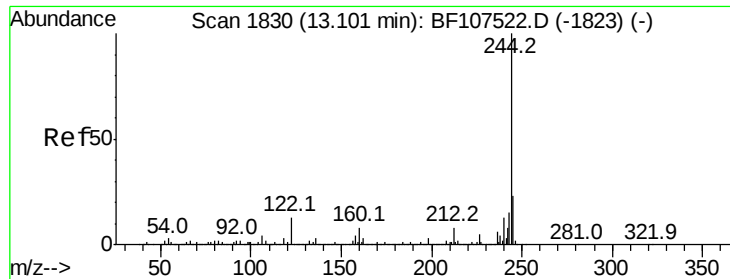
Tot Ion:266 Resp: 67478
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 62.7 49.5 74.3



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Tgt Ion:240 Resp: 687167
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 78.026 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107581.D

Acq: 23 Jul 2018 12:10

Instrument :

BNA_F

ClientSampled :

DRUM-3-4

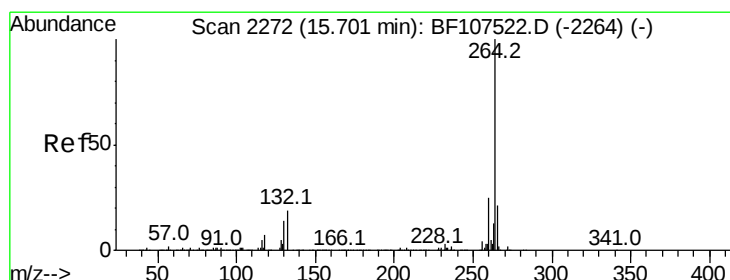
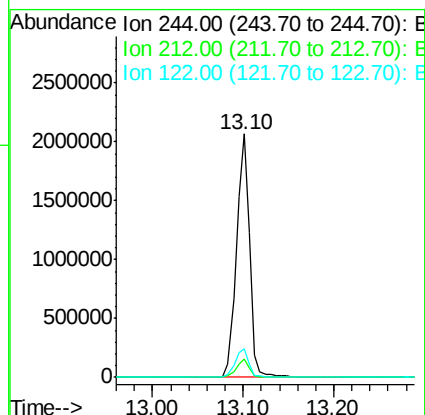
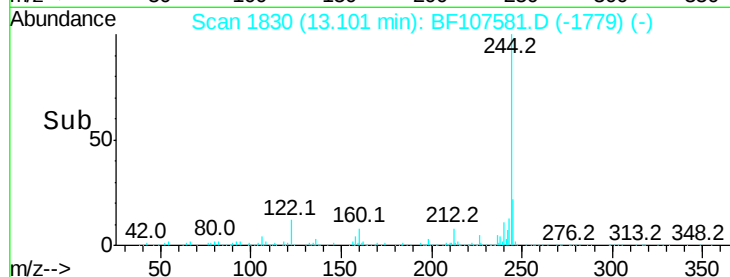
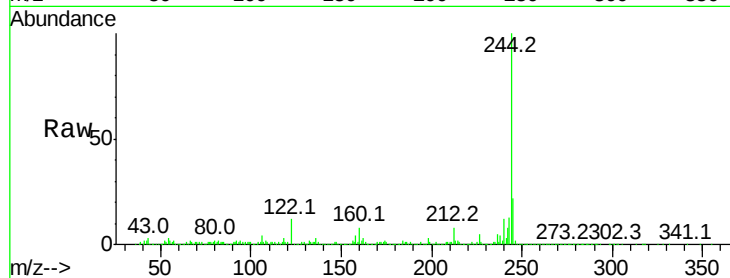
Tot Ion:244 Resp: 2094328

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

122 11.9 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF107581.D

Acq: 23 Jul 2018 12:10

Tgt Ion:264 Resp: 784777

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.0 17.5 26.3

