

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108243.D
 Acq On : 17 Aug 2018 15:15
 Operator : JU/SJ
 Sample : J4500-13 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Aug 17 17:28:07 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

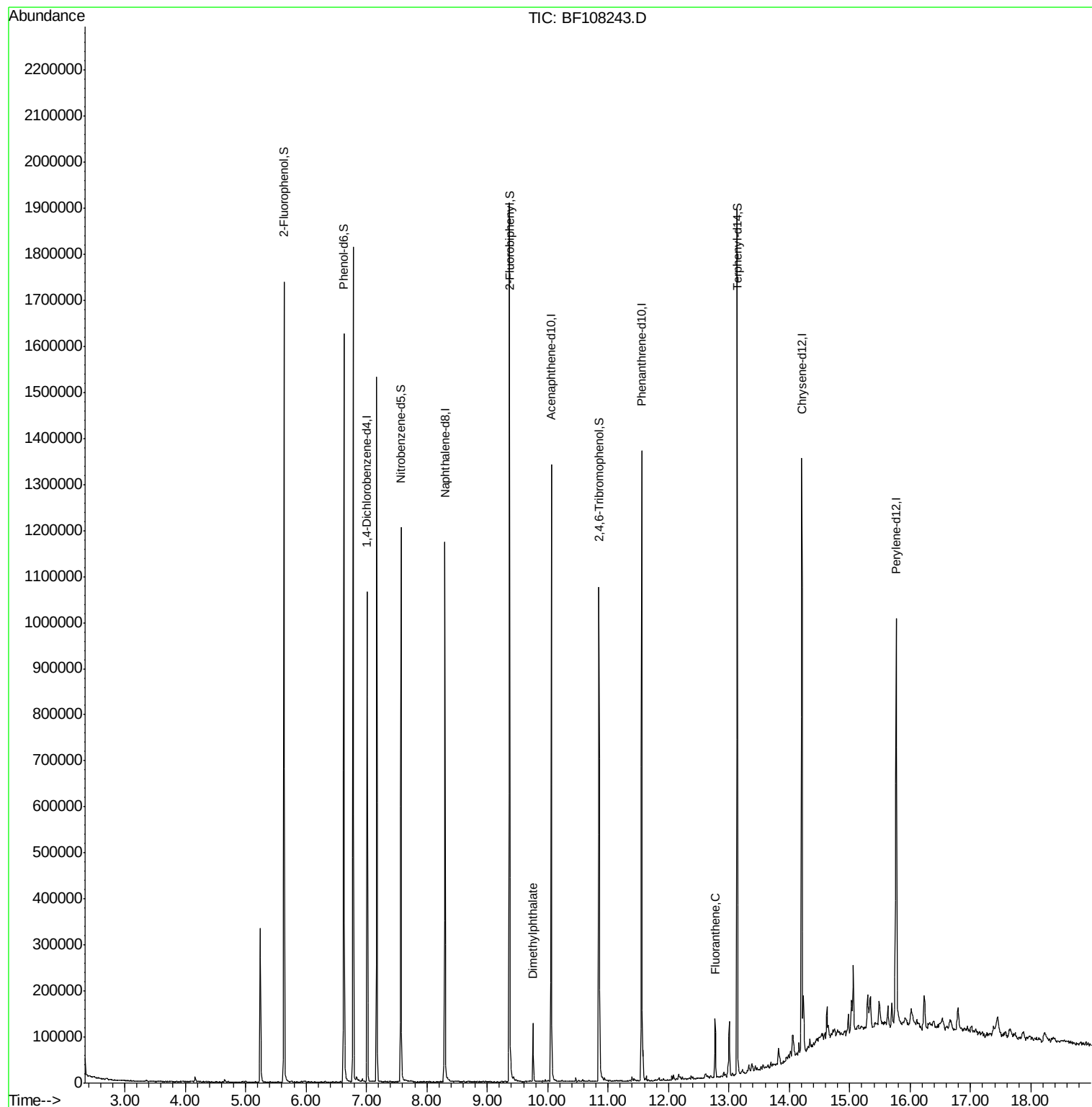
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	143107	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	536653	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	249355	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	457565	20.00	ng	0.00
75) Chrysene-d12	14.21	240	441050	20.00	ng	-0.01
86) Perylene-d12	15.77	264	427539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	406388	51.41	ng	0.00
7) Phenol-d6	6.63	99	520917	49.59	ng	0.00
23) Nitrobenzene-d5	7.57	82	335869	34.92	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	124821	50.18	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	634064	40.82	ng	0.00
78) Terphenyl-d14	13.14	244	640754	36.94	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.76	163	47413	2.730	ng	100
74) Fluoranthene	12.77	202	48418	2.056	ng	96

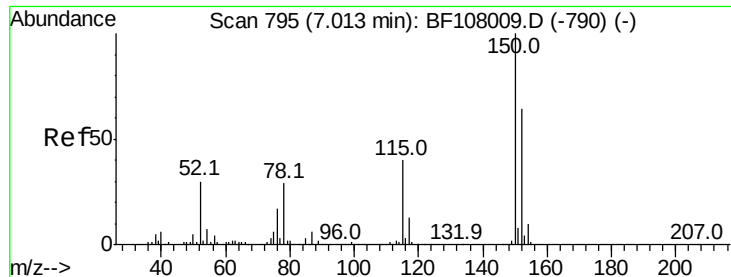
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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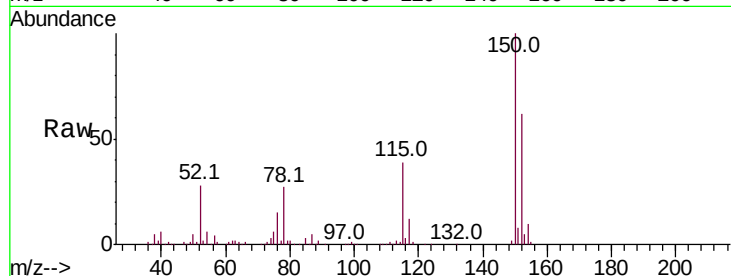


#1

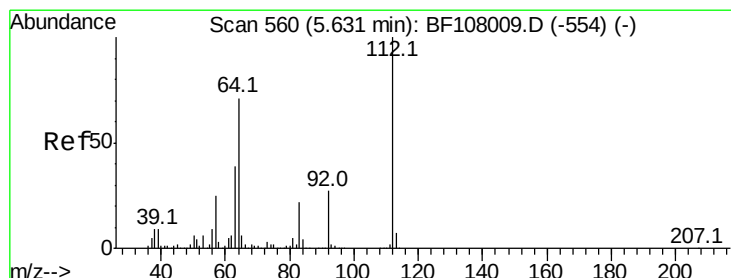
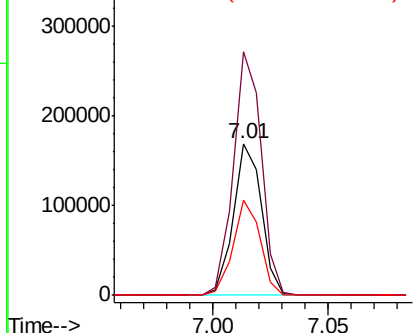
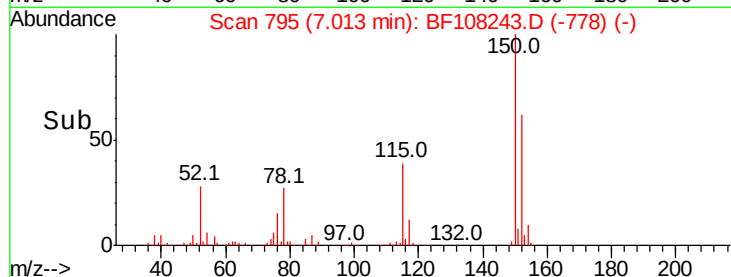
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108243.D
Acq: 17 Aug 2018 15:15

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:152 Resp: 143107
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 62.8 50.1 75.1



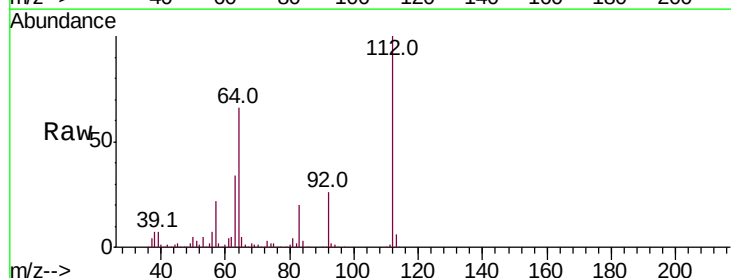
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



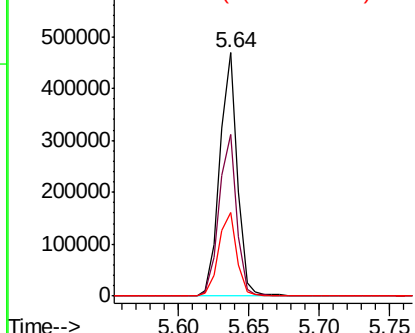
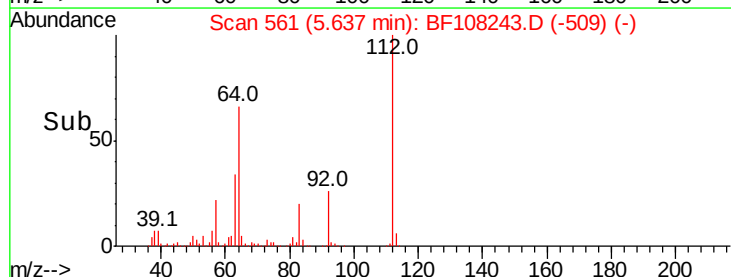
#5

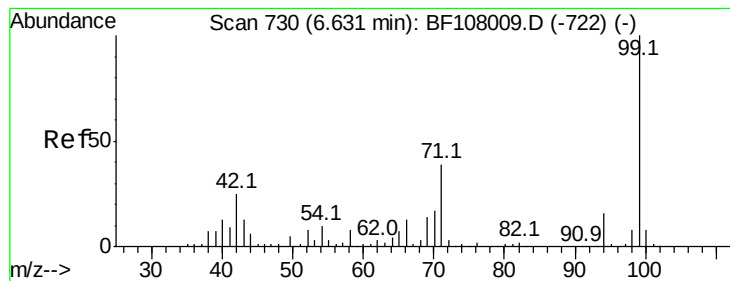
2-Fluorophenol
Concen: 51.412 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108243.D
Acq: 17 Aug 2018 15:15

Tgt Ion:112 Resp: 406388
Ion Ratio Lower Upper
112 100
64 66.4 47.9 71.9
63 34.4 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: 49.592 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108243.D

Acq: 17 Aug 2018 15:15

Instrument :

BNA_F

ClientSampleId :

TP-7

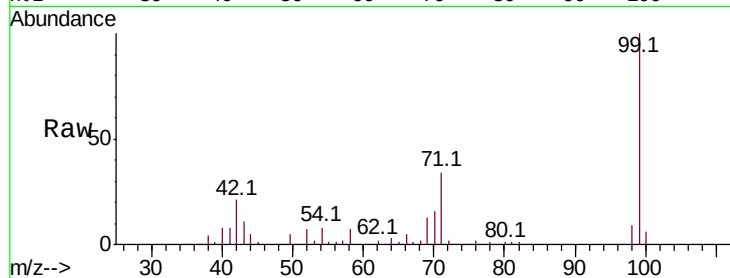
Tot Ion: 99 Resp: 520917

Ion Ratio Lower Upper

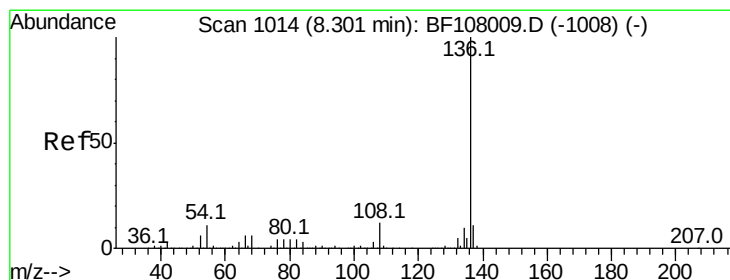
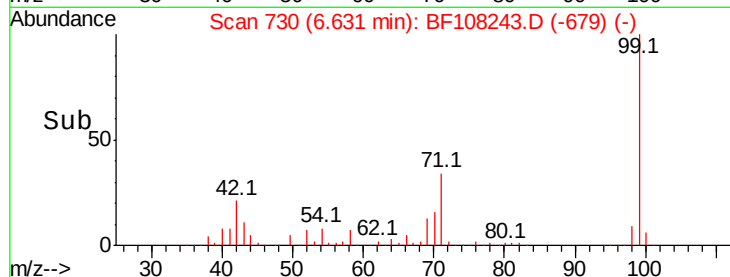
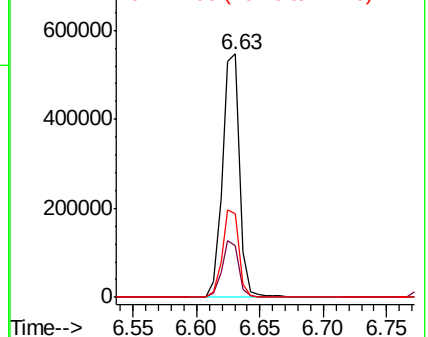
99 100

42 21.1 14.5 21.7

71 34.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108243.D

Acq: 17 Aug 2018 15:15

Tgt Ion: 136 Resp: 536653

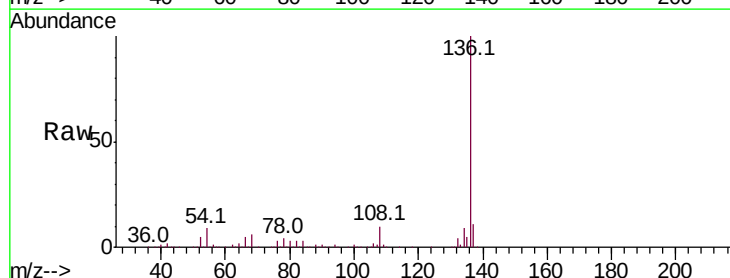
Ion Ratio Lower Upper

136 100

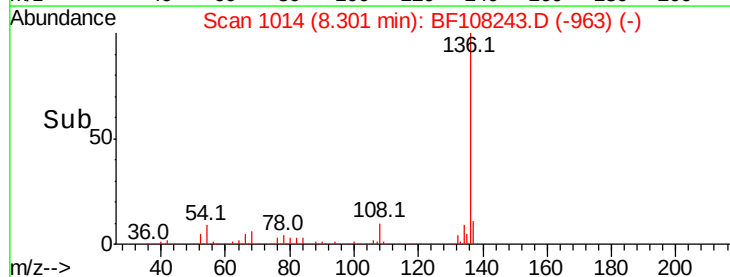
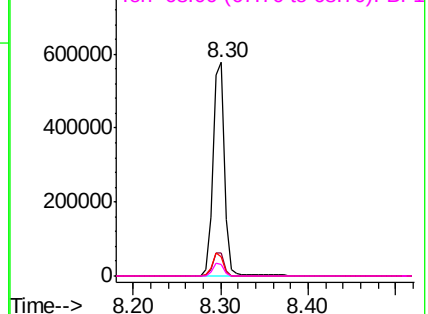
137 10.6 8.9 13.3

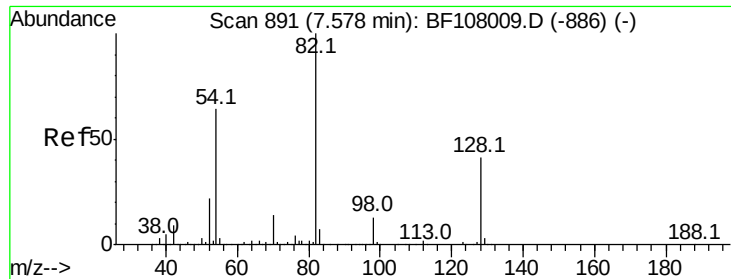
54 8.8 6.6 9.8

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

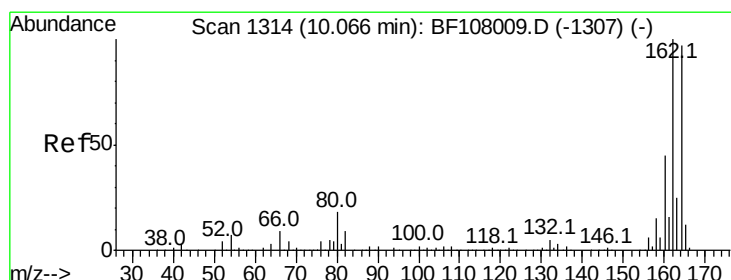
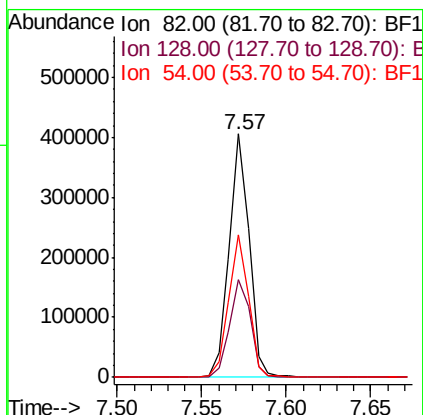
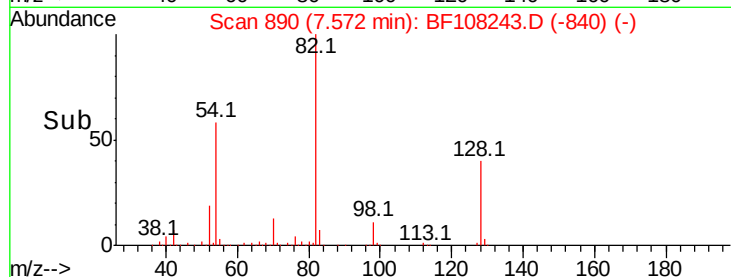
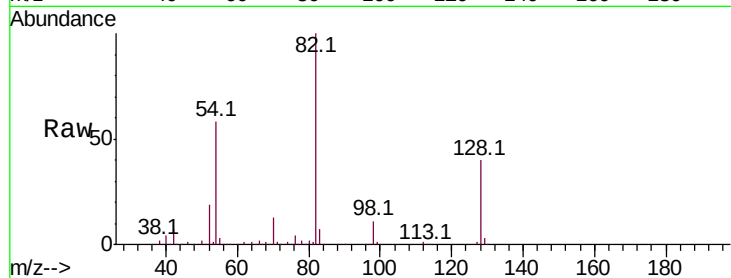




#23
Nitrobenzene-d5
Concen: 34.924 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108243.D
Acq: 17 Aug 2018 15:15

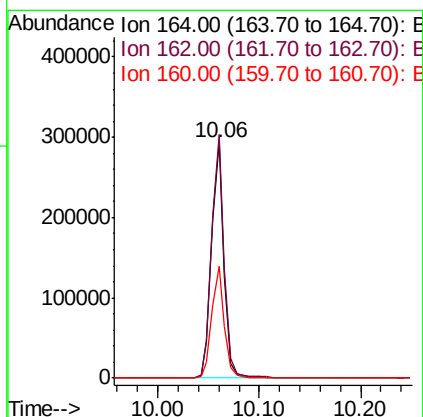
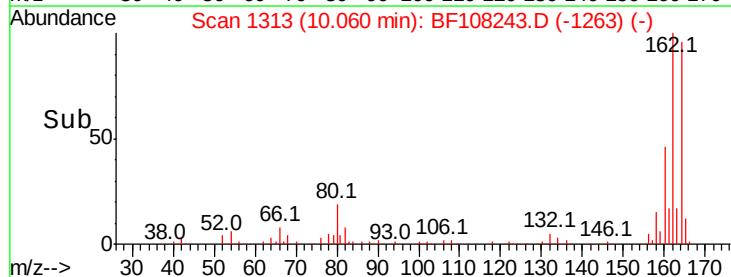
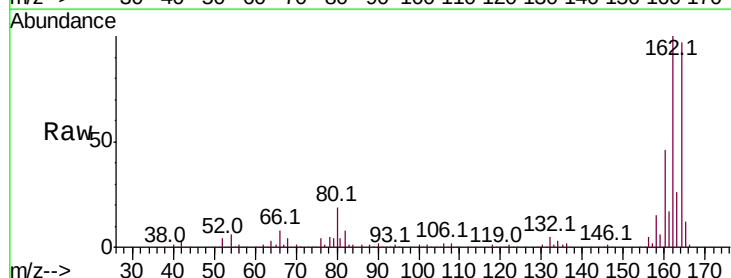
Instrument :
BNA_F
ClientSampled :
TP-7

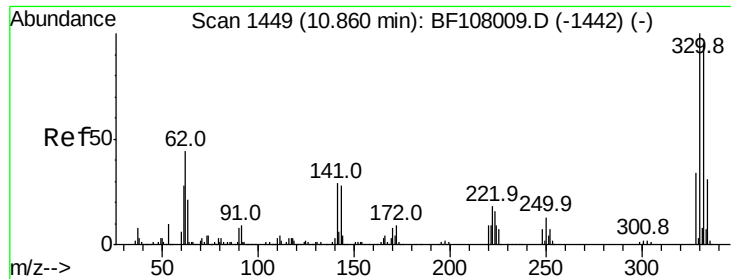
Tot Ion: 82 Resp: 335869
Ion Ratio Lower Upper
82 100
128 40.4 36.1 54.1
54 58.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108243.D
Acq: 17 Aug 2018 15:15

Tgt Ion: 164 Resp: 249355
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 47.3 38.3 57.5

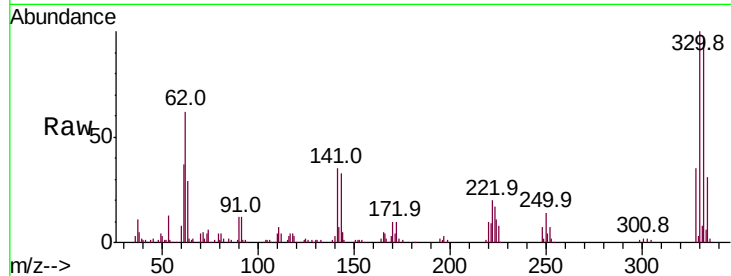




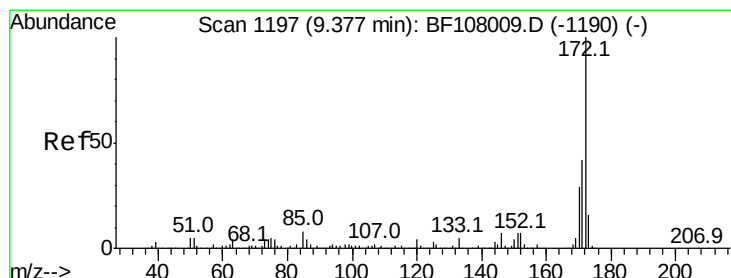
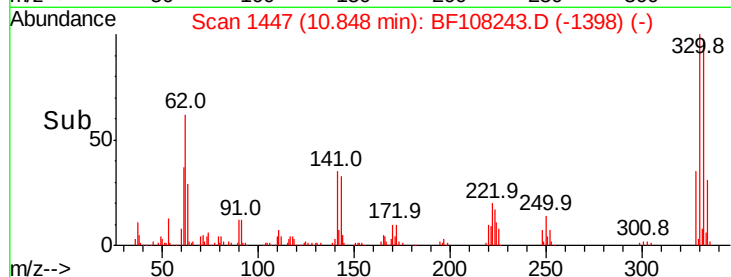
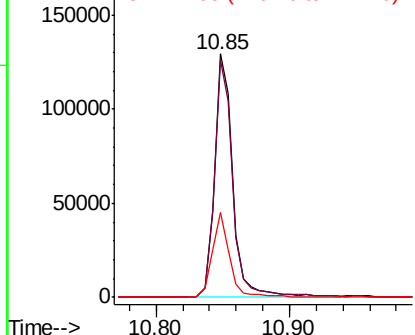
#41
 2,4,6-Tribromophenol
 Concen: 50.184 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108243.D
 Acq: 17 Aug 2018 15:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	33.2	29.9	44.9

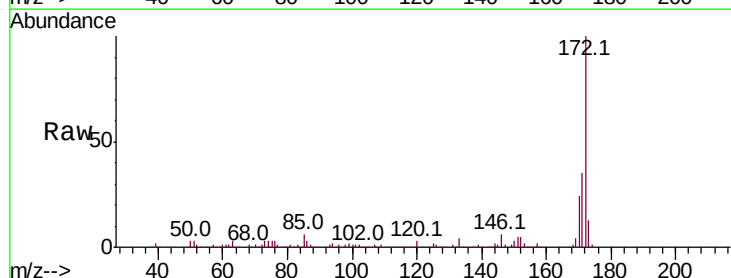


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

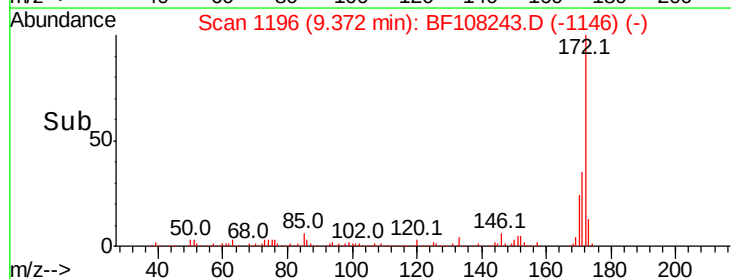
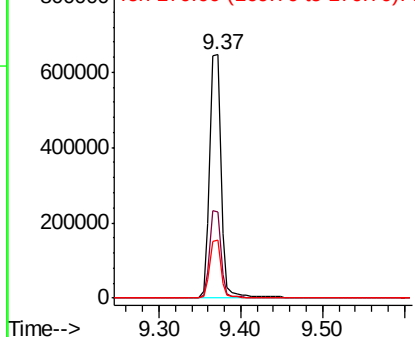


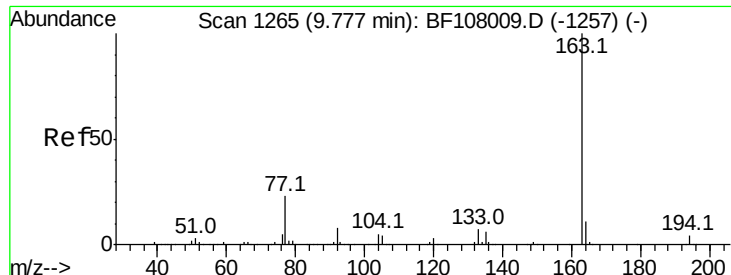
#44
 2-Fluorobiphenyl
 Concen: 40.824 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108243.D
 Acq: 17 Aug 2018 15:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.0	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

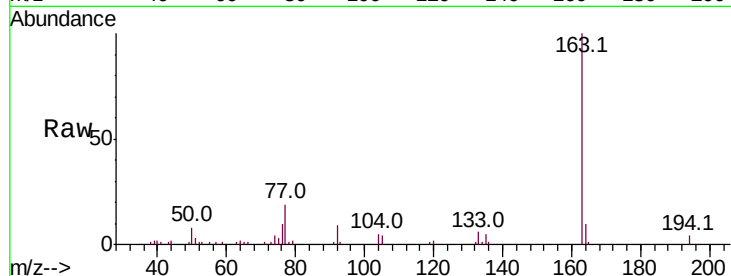




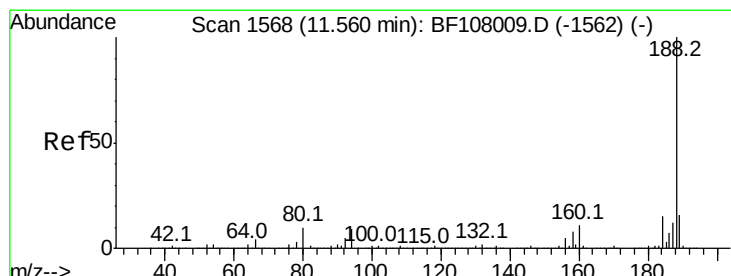
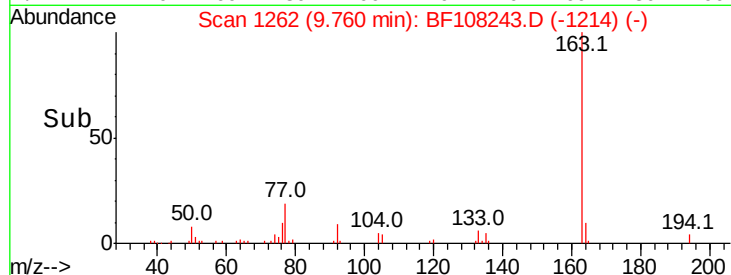
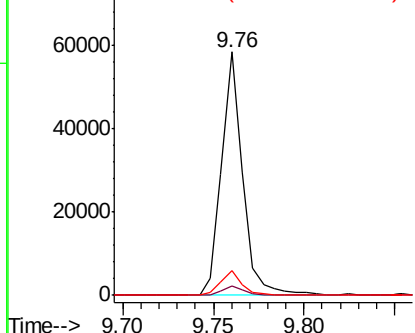
#49
Dimethylphthalate
Concen: 2.730 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108243.D
Acq: 17 Aug 2018 15:15

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:163 Resp: 47413
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

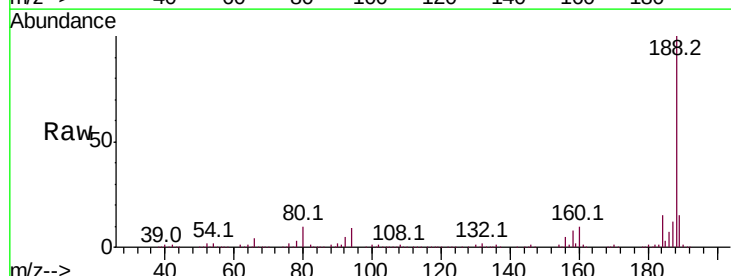


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

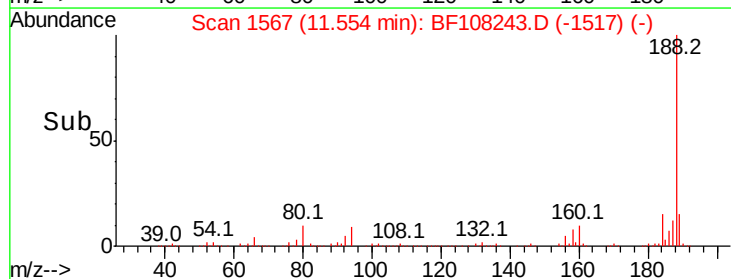
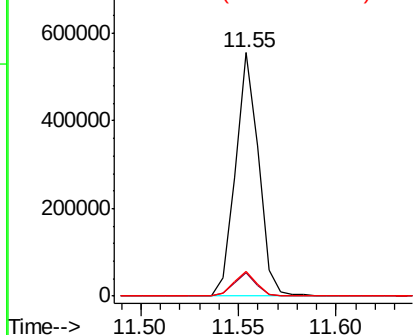


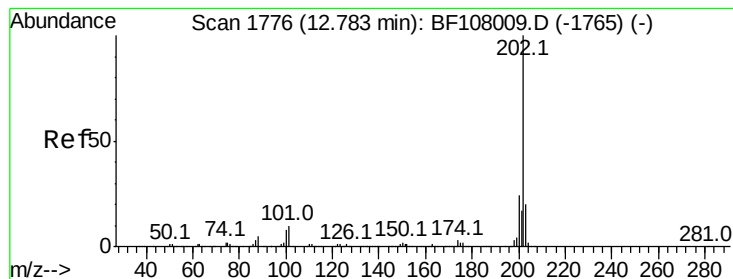
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108243.D
Acq: 17 Aug 2018 15:15

Tgt Ion:188 Resp: 457565
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.2 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





#74

Fluoranthene

Concen: 2.056 ng

RT: 12.77 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF108243.D

Acq: 17 Aug 2018 15:15

Instrument :

BNA_F

ClientSampleId :

TP-7

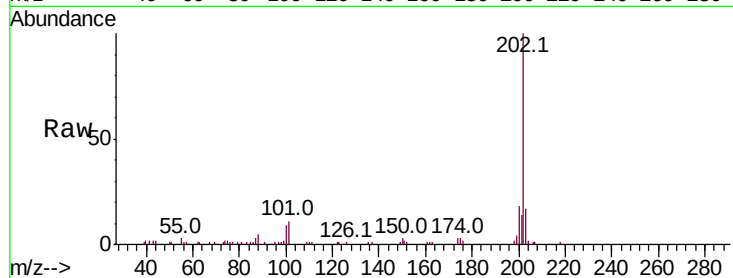
Tot Ion:202 Resp: 48418

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

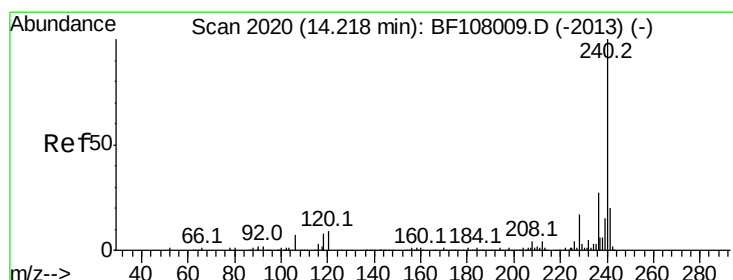
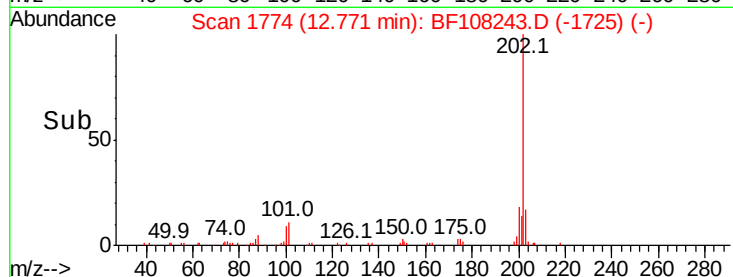
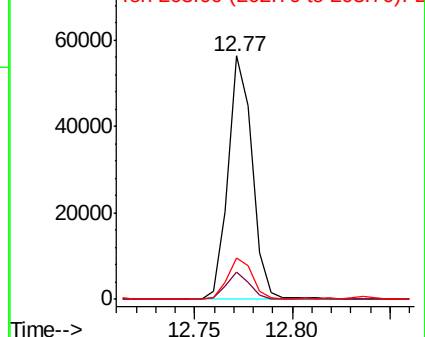
203 17.1 0.0 38.1



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: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108243.D

Acq: 17 Aug 2018 15:15

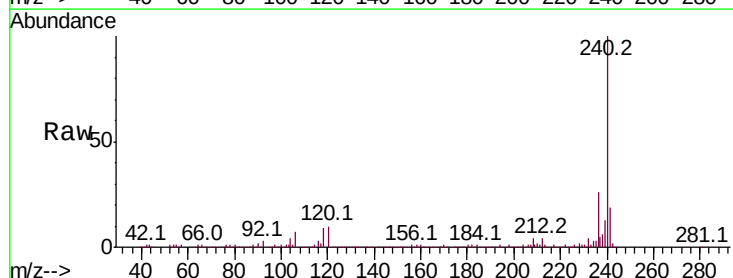
Tgt Ion:240 Resp: 441050

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

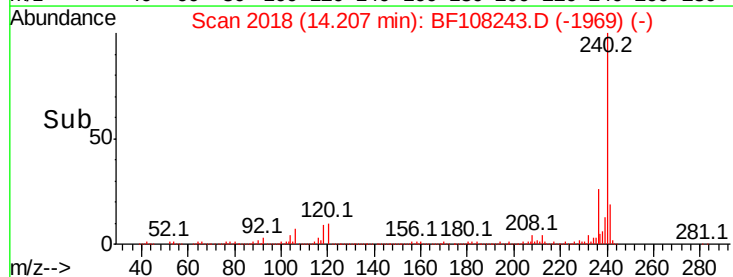
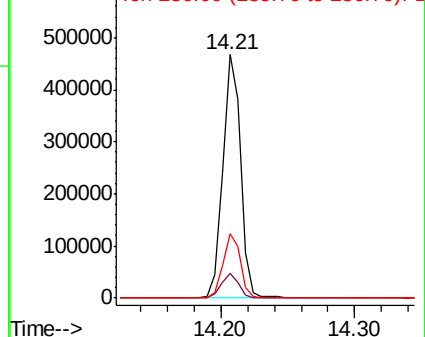
236 26.2 20.7 31.1

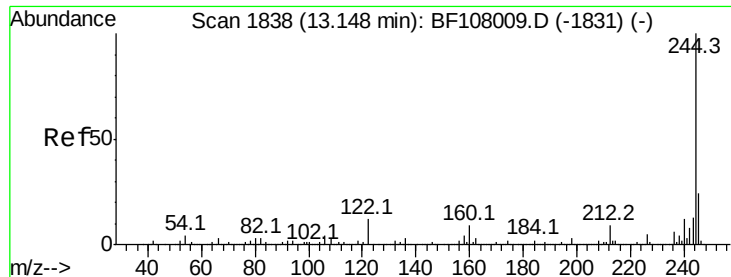


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 36.938 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108243.D

Acq: 17 Aug 2018 15:15

Instrument :

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ClientSampleId :

TP-7

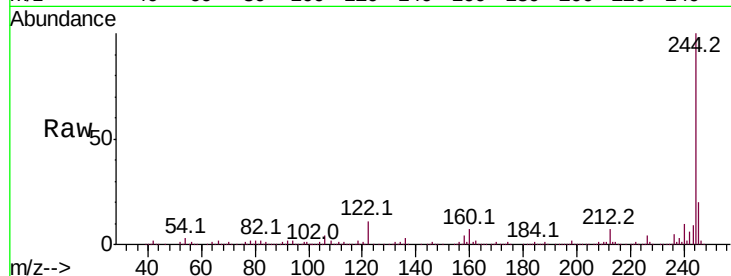
Tot Ion:244 Resp: 640754

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

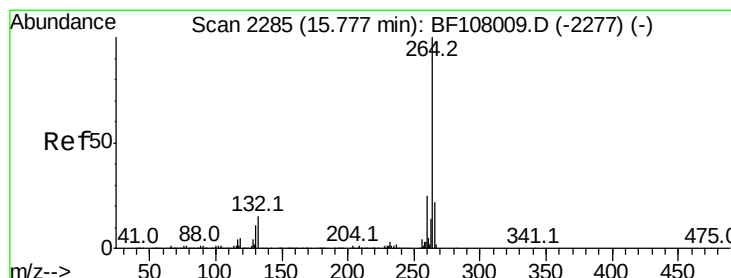
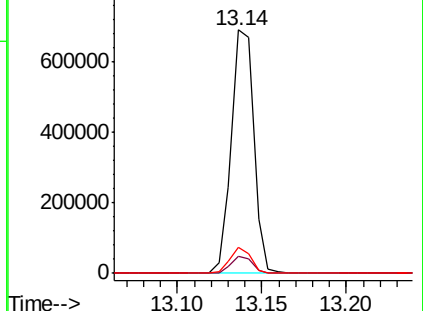
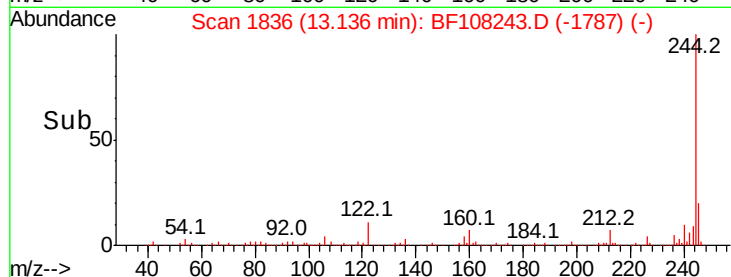
122 10.9 11.0 16.4#



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: BF108243.D

Acq: 17 Aug 2018 15:15

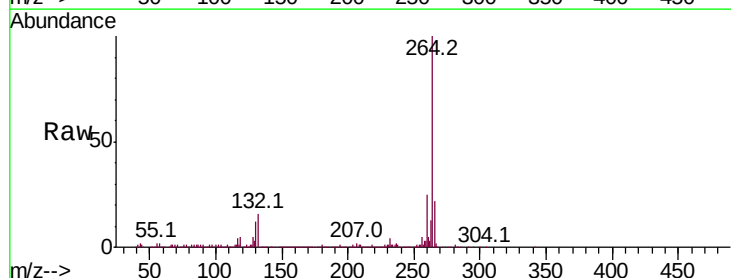
Tgt Ion:264 Resp: 427539

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.8 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

