

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109386.D
 Acq On : 27 Sep 2018 14:53
 Operator : JU/SJ
 Sample : J5066-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-G3

Quant Time: Sep 27 18:00:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

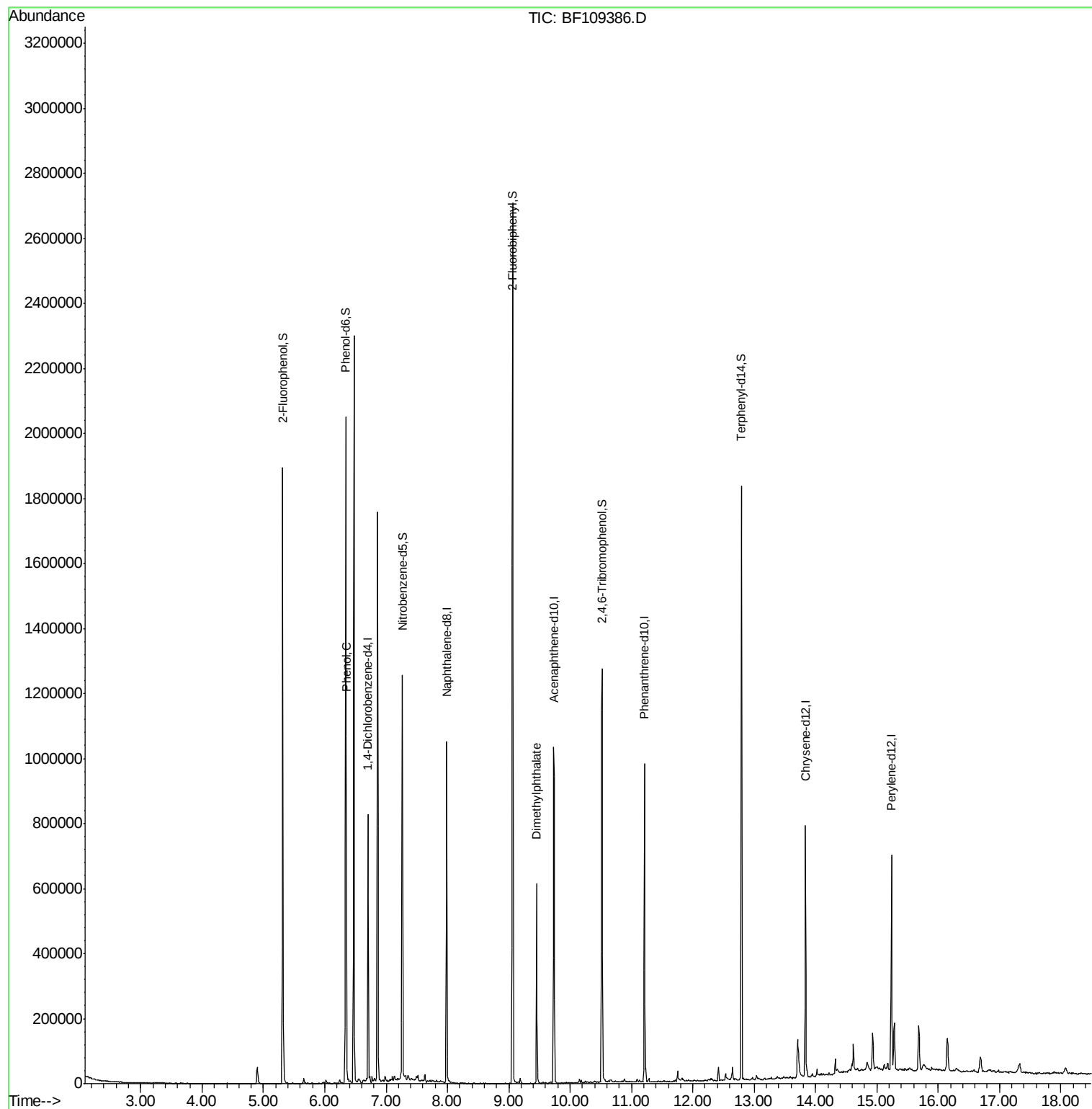
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	111323	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	432632	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	207463	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	373724	20.00	ng	0.00
75) Chrysene-d12	13.84	240	250563	20.00	ng	0.00
86) Perylene-d12	15.24	264	289826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	538922	79.74	ng	0.00
7) Phenol-d6	6.35	99	698613	81.00	ng	-0.01
23) Nitrobenzene-d5	7.26	82	437219	59.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	155432	76.00	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	784988	57.07	ng	-0.01
78) Terphenyl-d14	12.79	244	647913	63.46	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	25280	2.588	ng	98
49) Dimethylphthalate	9.46	163	231045	15.312	ng	99

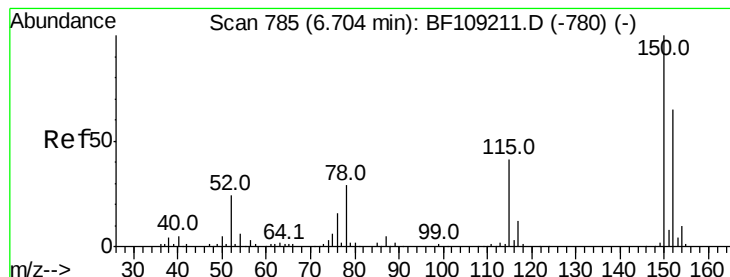
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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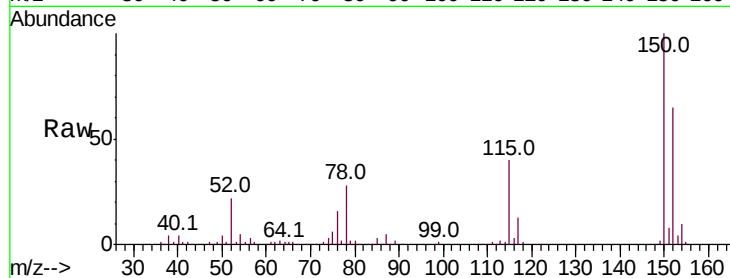


#1

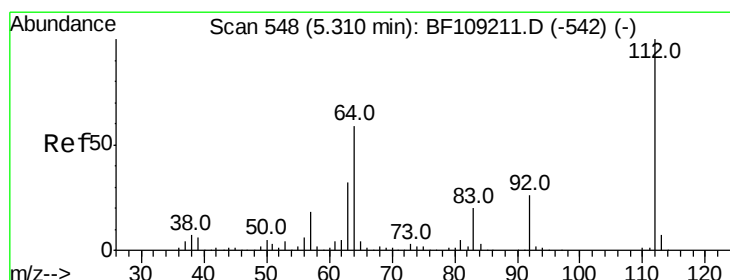
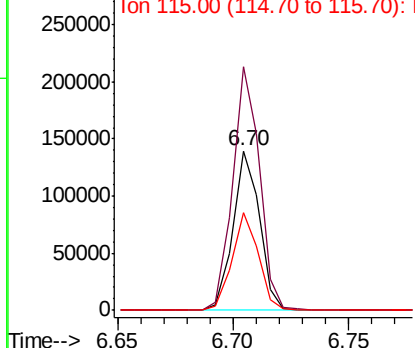
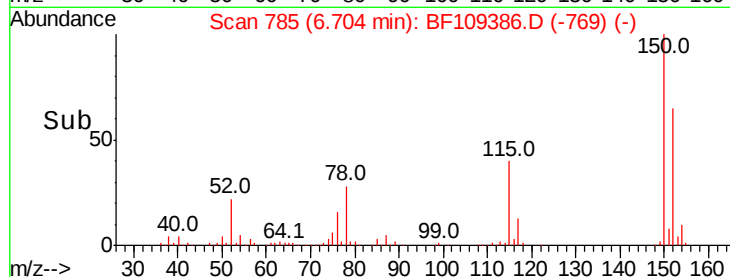
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109386.D
Acq: 27 Sep 2018 14:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-G3

Tot Ion:152 Resp: 111323
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 61.3 50.1 75.1



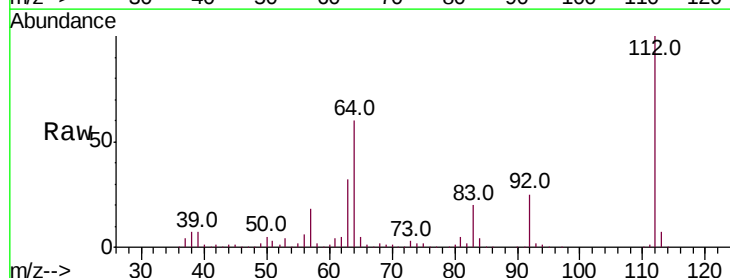
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



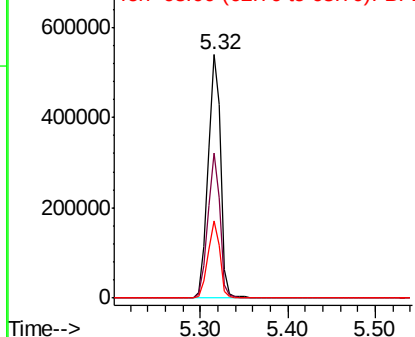
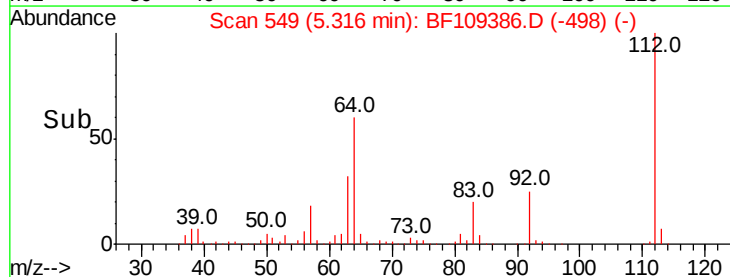
#5

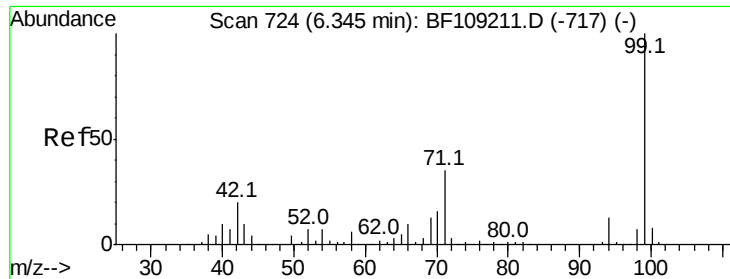
2-Fluorophenol
Concen: 79.736 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109386.D
Acq: 27 Sep 2018 14:53

Tgt Ion:112 Resp: 538922
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 31.6 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: 81.003 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-G3

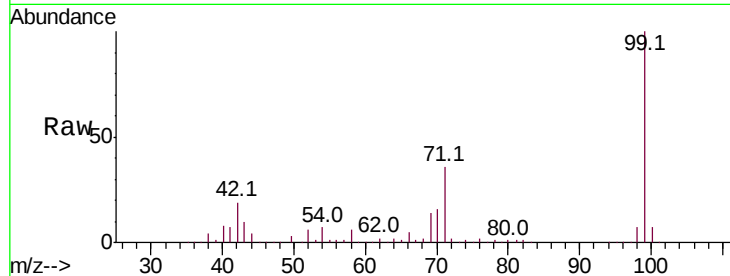
Tot Ion: 99 Resp: 698613

Ion Ratio Lower Upper

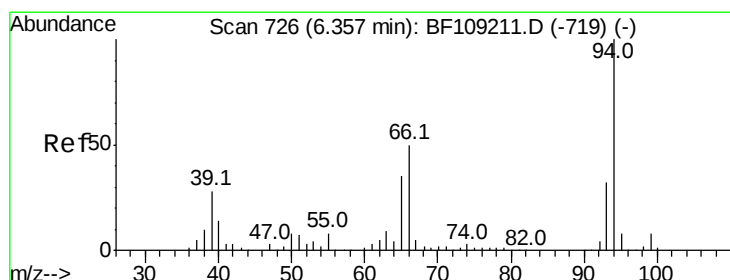
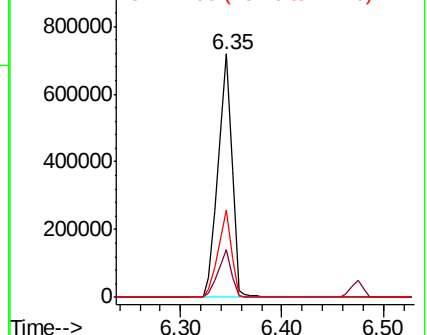
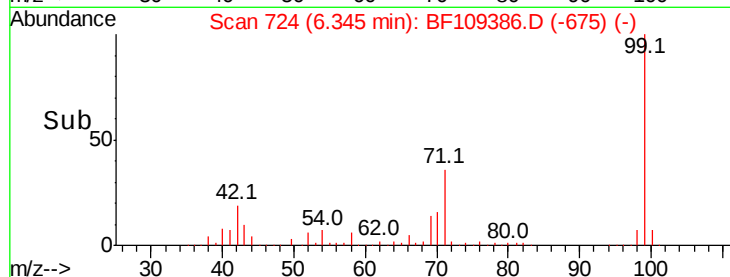
99 100

42 19.4 14.5 21.7

71 36.1 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: 2.588 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

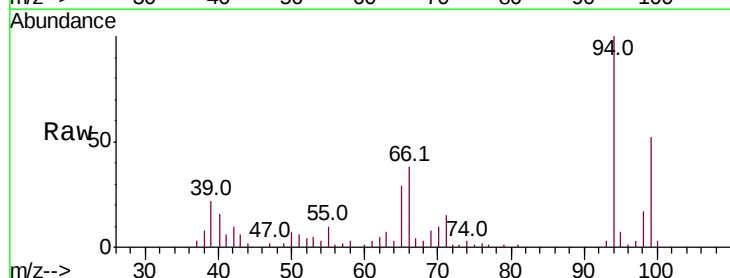
Tgt Ion: 94 Resp: 25280

Ion Ratio Lower Upper

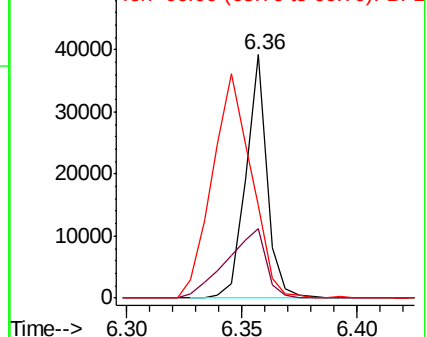
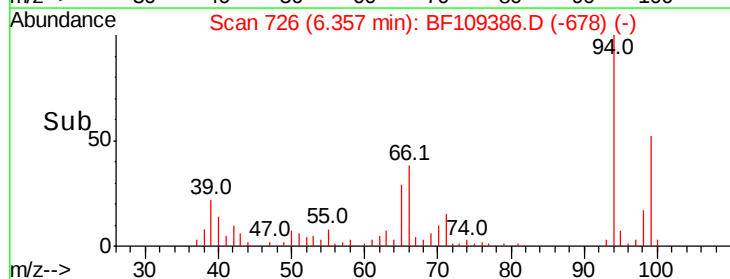
94 100

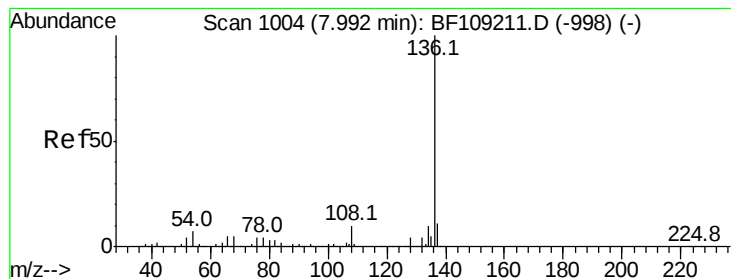
65 28.7 7.9 47.9

66 38.1 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-G3

Tot Ion:136 Resp: 432632

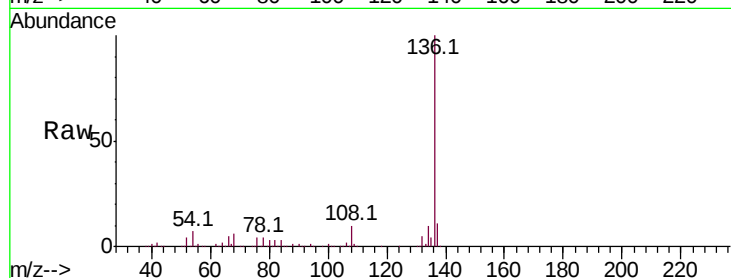
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 5.7 5.0 7.4

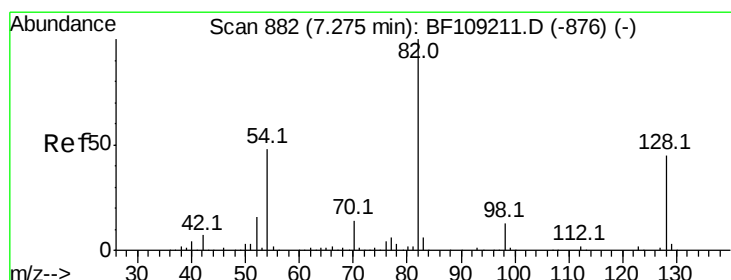
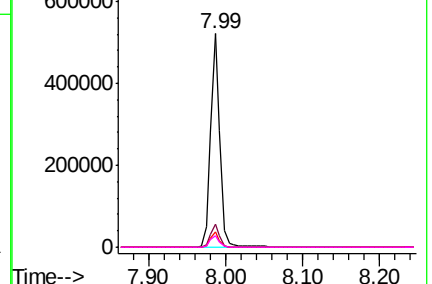
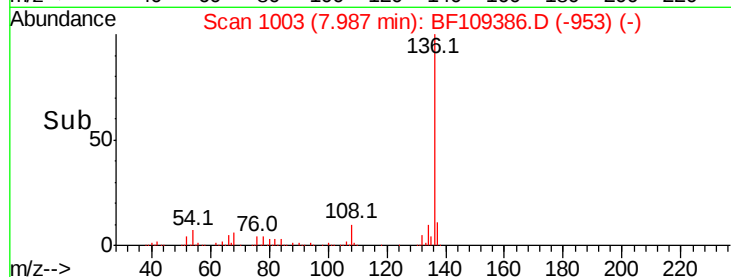


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.657 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

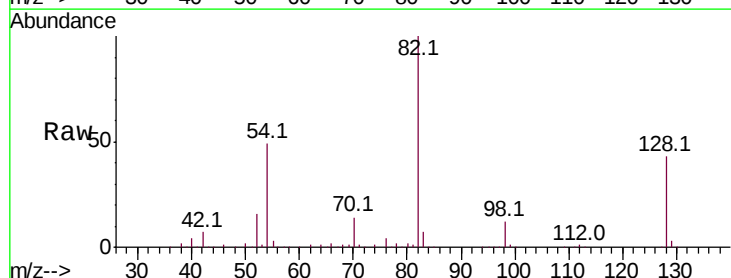
Tgt Ion: 82 Resp: 437219

Ion Ratio Lower Upper

82 100

128 42.6 36.1 54.1

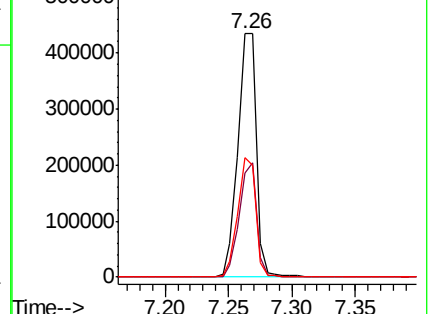
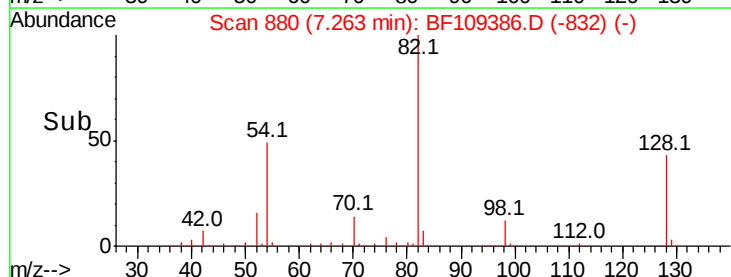
54 48.9 41.4 62.2

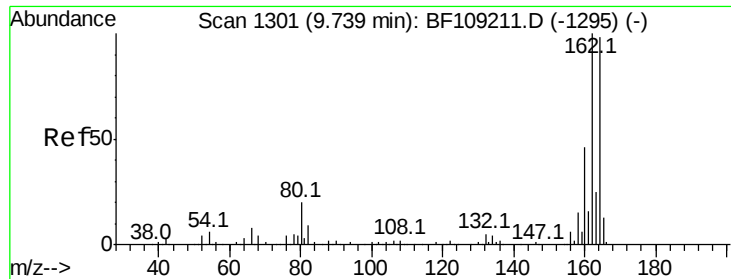


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

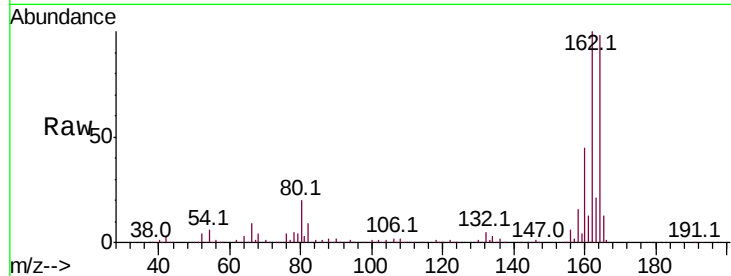




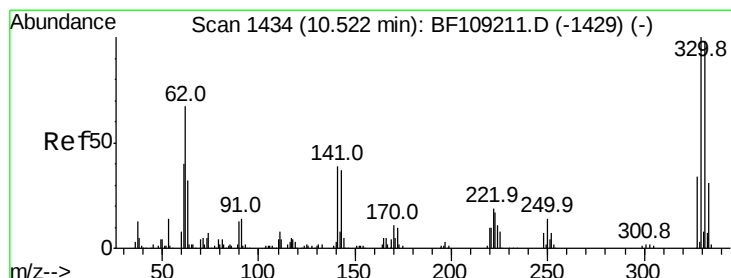
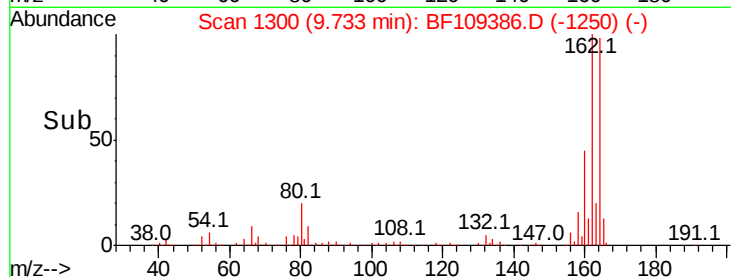
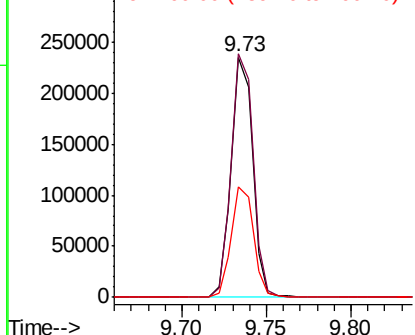
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109386.D
 Acq: 27 Sep 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-G3

Tot Ion:164 Resp: 207463
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 46.1 38.3 57.5

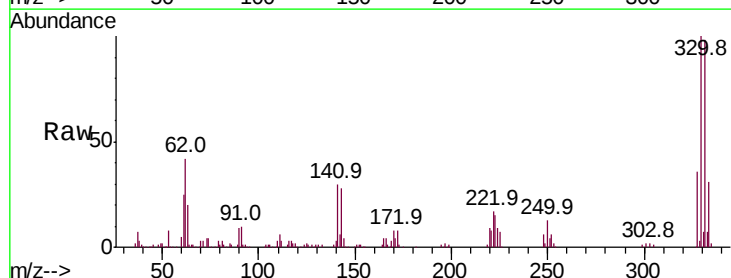


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

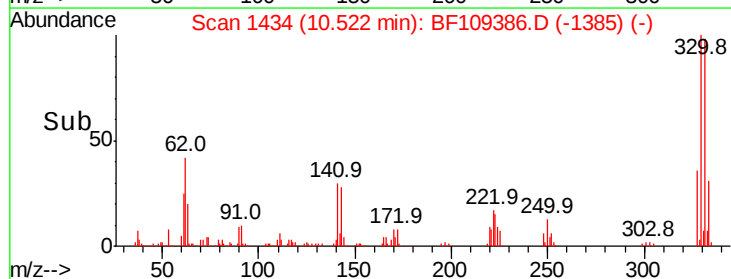
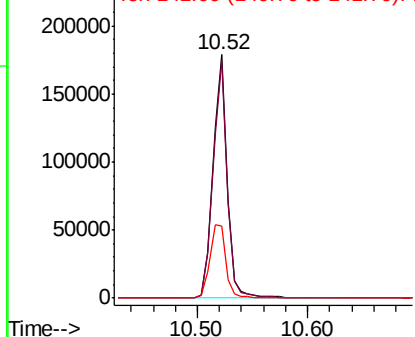


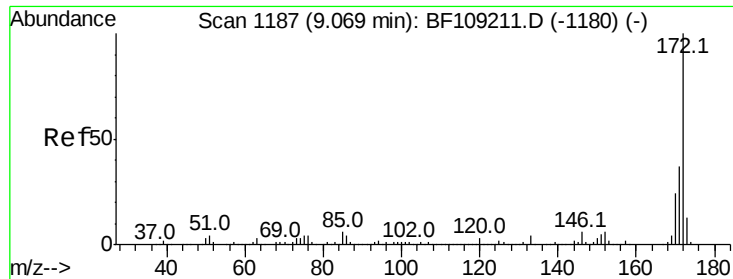
#41
 2,4,6-Tribromophenol
 Concen: 76.000 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109386.D
 Acq: 27 Sep 2018 14:53

Tgt Ion:330 Resp: 155432
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 34.1 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

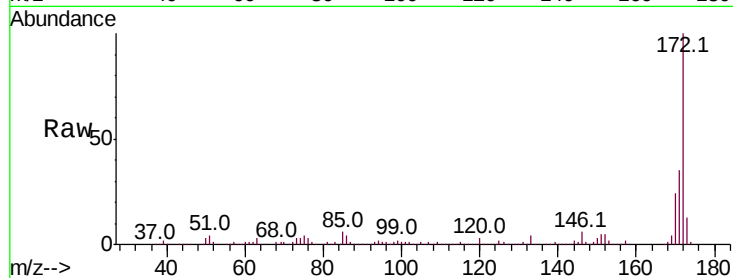




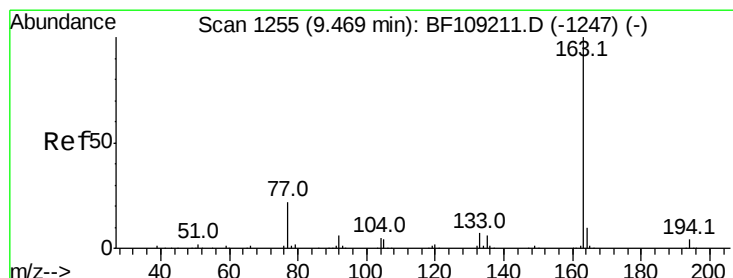
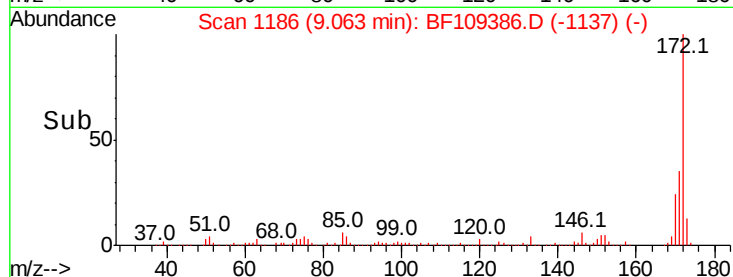
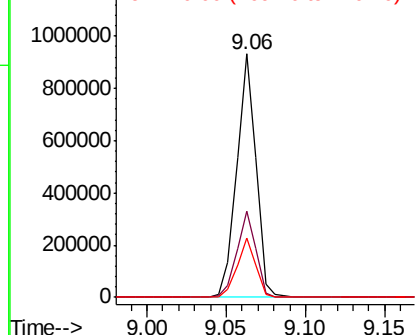
#44
2-Fluorobiphenyl
Concen: 57.066 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109386.D
Acq: 27 Sep 2018 14:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-G3

Tot Ion:172 Resp: 784988
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 24.3 19.6 29.4

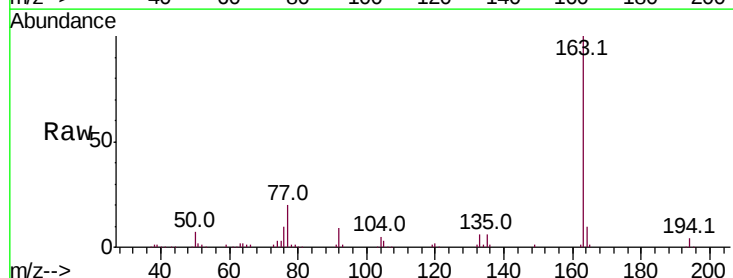


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

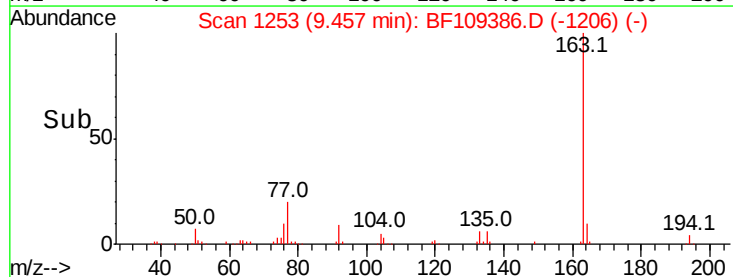
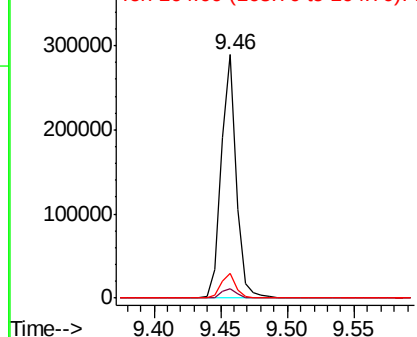


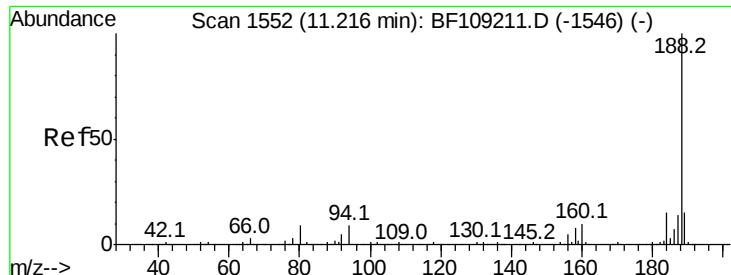
#49
Dimethylphthalate
Concen: 15.312 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109386.D
Acq: 27 Sep 2018 14:53

Tgt Ion:163 Resp: 231045
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.9 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

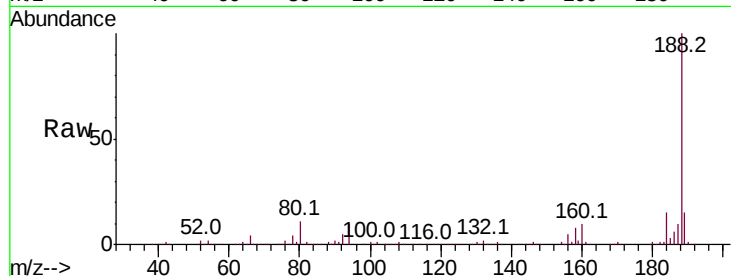




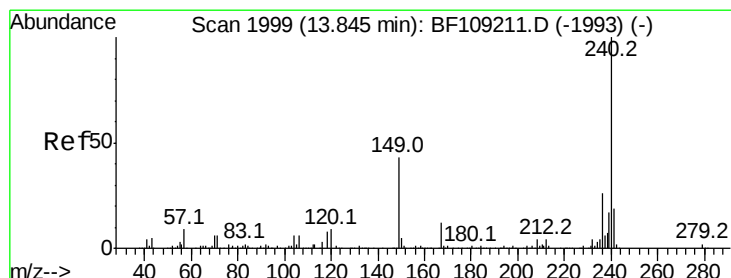
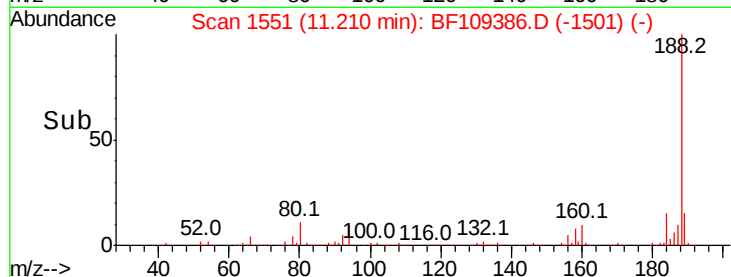
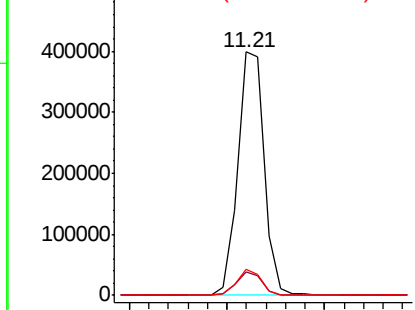
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109386.D
Acq: 27 Sep 2018 14:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-G3

Tot Ion:188 Resp: 373724
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.8 9.2 13.8

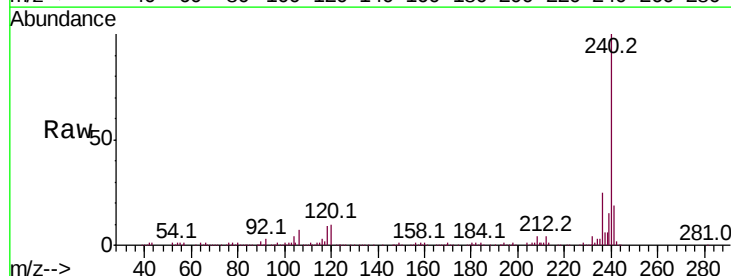


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

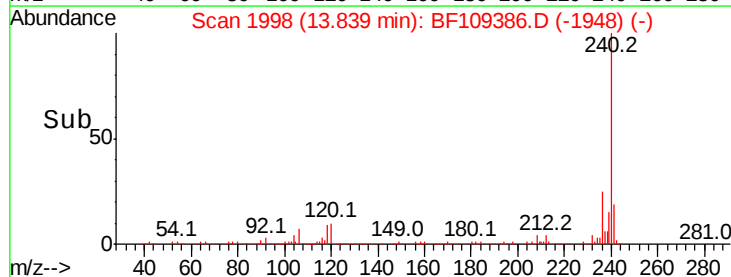
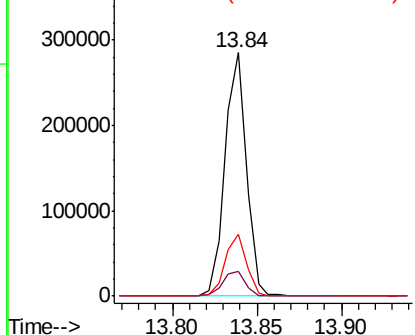


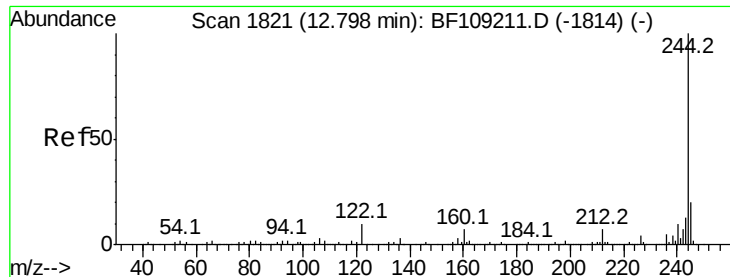
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109386.D
Acq: 27 Sep 2018 14:53

Tgt Ion:240 Resp: 250563
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 25.3 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: 63.460 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-G3

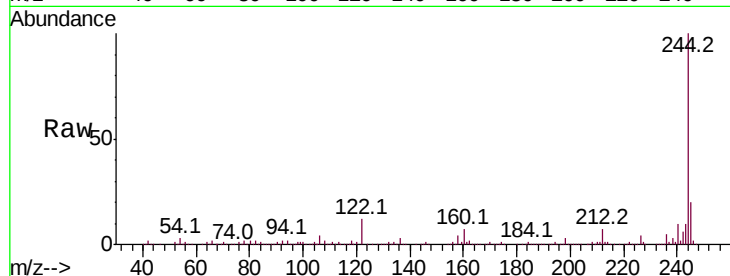
Tot Ion:244 Resp: 647913

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

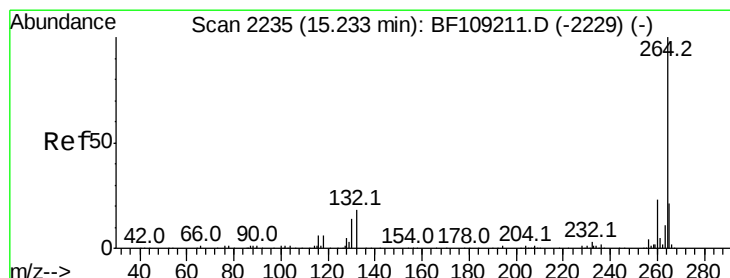
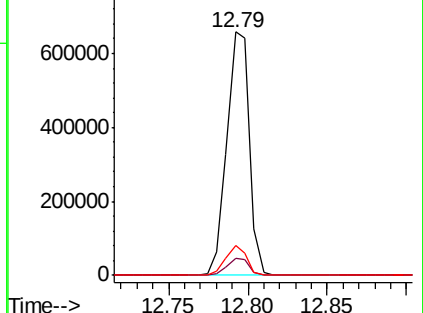
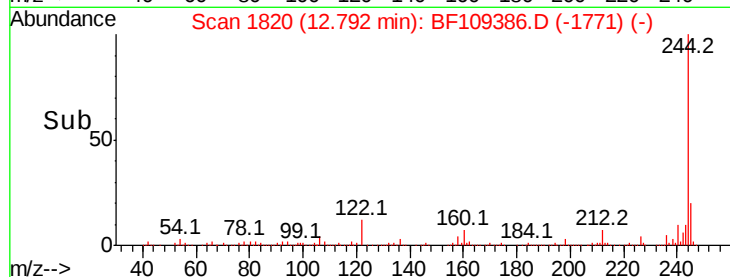
122 12.0 11.0 16.4



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: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109386.D

Acq: 27 Sep 2018 14:53

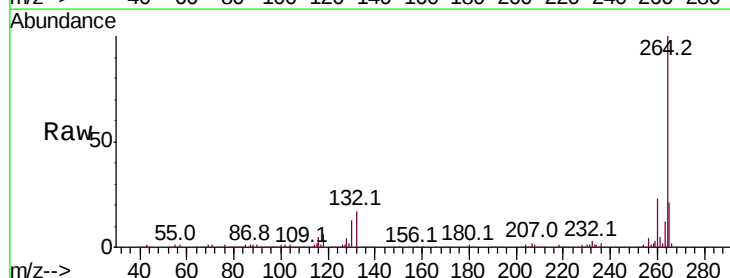
Tgt Ion:264 Resp: 289826

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 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

