

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109371.D
 Acq On : 27 Sep 2018 7:07
 Operator : JU/SJ
 Sample : J5051-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-D-B

Quant Time: Sep 27 07:52:48 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

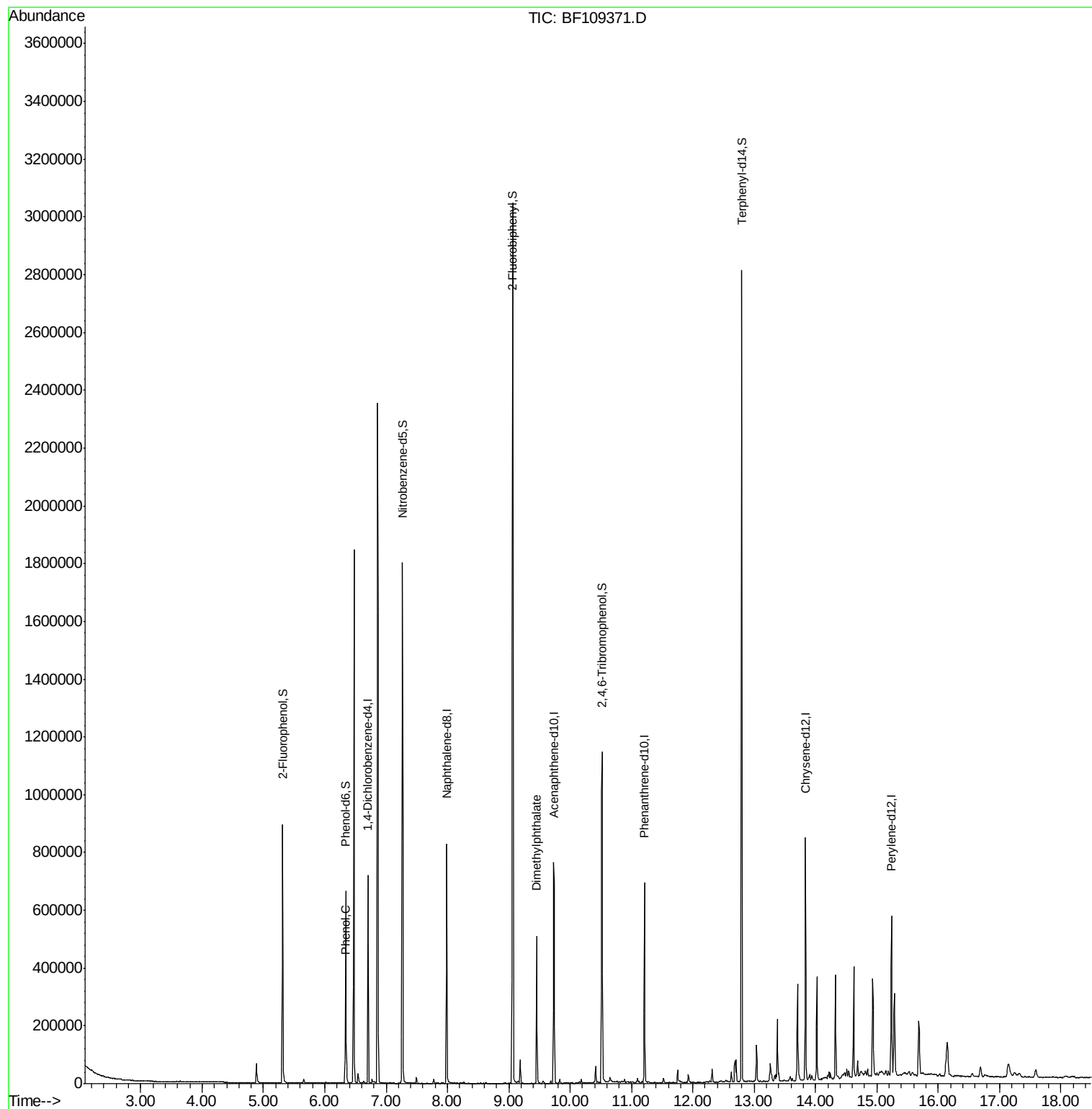
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	97688	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	346413	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	144632	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	255935	20.00	ng	0.00
75) Chrysene-d12	13.84	240	270639	20.00	ng	0.00
86) Perylene-d12	15.24	264	239653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	247164	41.67	ng	0.00
7) Phenol-d6	6.34	99	194057	25.64	ng	-0.02
23) Nitrobenzene-d5	7.27	82	596318	101.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	137495	96.44	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	954320	99.51	ng	-0.01
78) Terphenyl-d14	12.80	244	983401	89.18	ng	0.00
Target Compounds						
10) Phenol	6.35	94	27051	3.156	ng	99
49) Dimethylphthalate	9.46	163	190930	18.150	ng	99

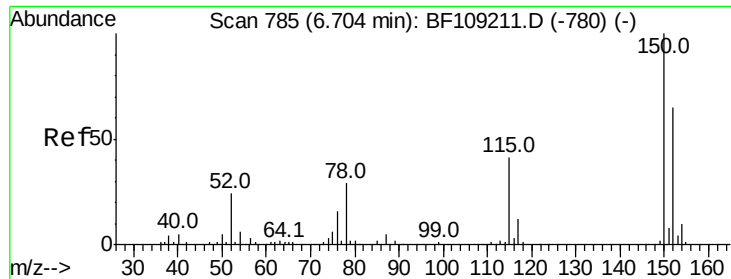
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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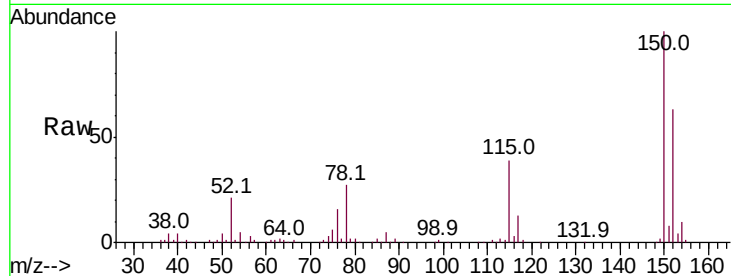


#1

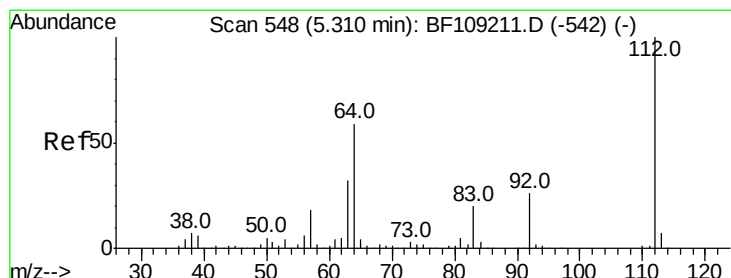
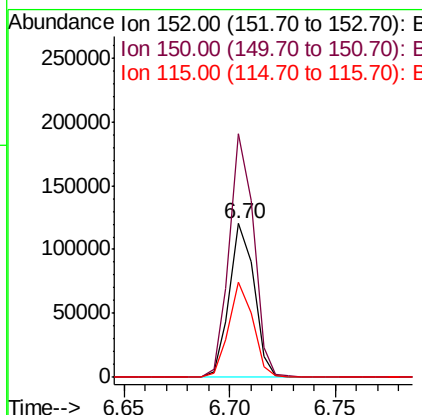
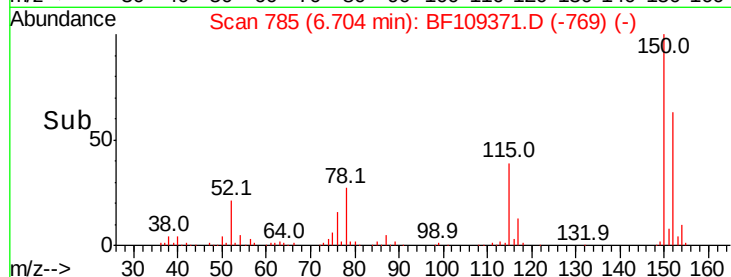
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109371.D
Acq: 27 Sep 2018 7:07

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-D-B

Tot Ion:152 Resp: 97688
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 62.2 50.1 75.1



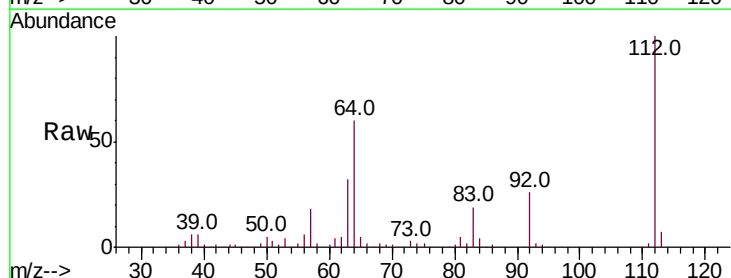
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



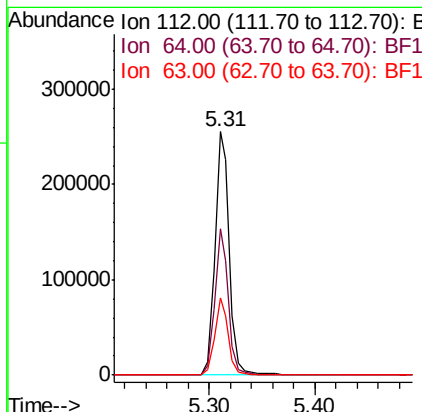
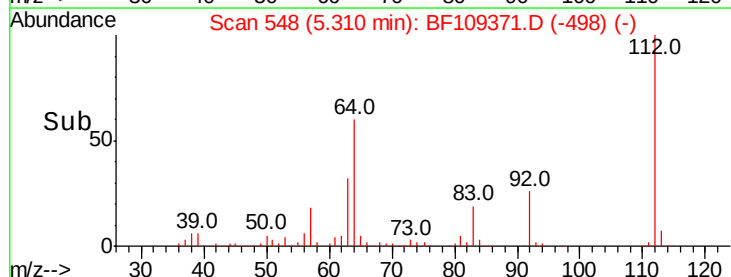
#5

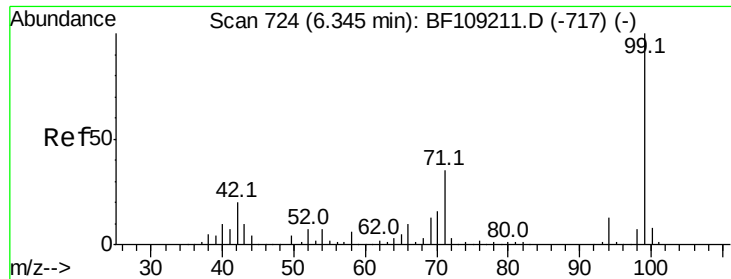
2-Fluorophenol
Concen: 41.673 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109371.D
Acq: 27 Sep 2018 7:07

Tgt Ion:112 Resp: 247164
Ion Ratio Lower Upper
112 100
64 59.9 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: 25.641 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109371.D

Acq: 27 Sep 2018 7:07

Instrument :

BNA_F

ClientSampleId :

092118-TIPC-F-D-B

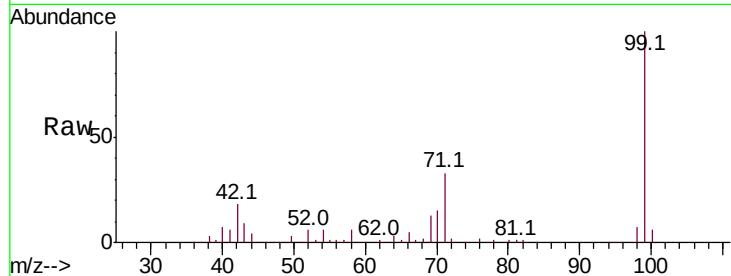
Tot Ion: 99 Resp: 194057

Ion Ratio Lower Upper

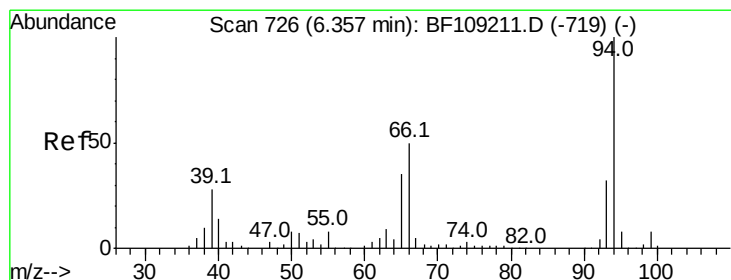
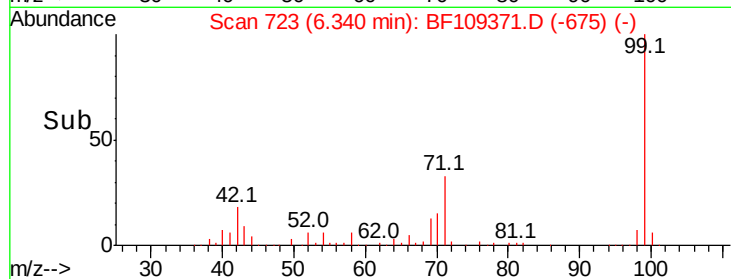
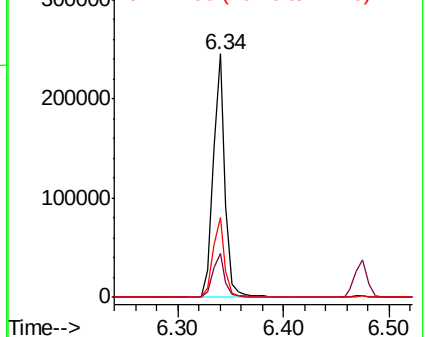
99 100

42 18.0 14.5 21.7

71 32.6 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: 3.156 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109371.D

Acq: 27 Sep 2018 7:07

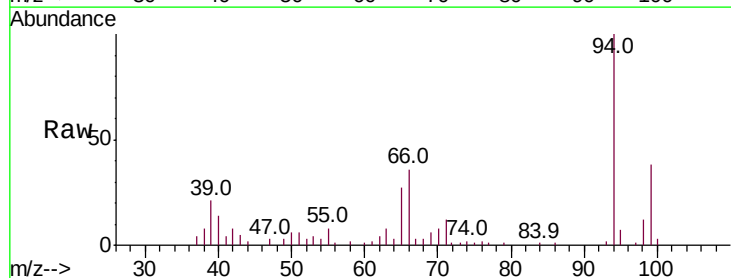
Tgt Ion: 94 Resp: 27051

Ion Ratio Lower Upper

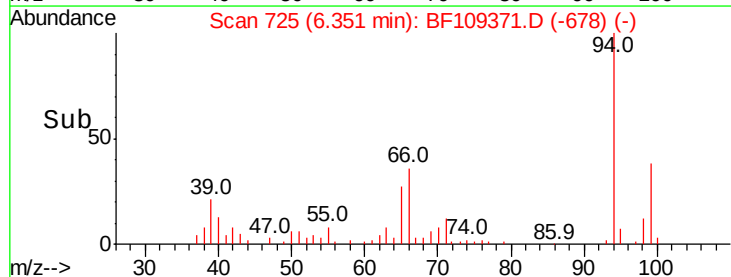
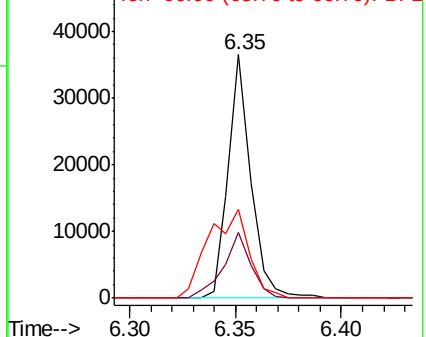
94 100

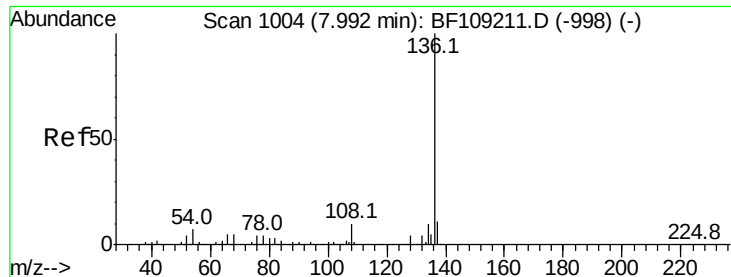
65 27.2 7.9 47.9

66 36.5 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

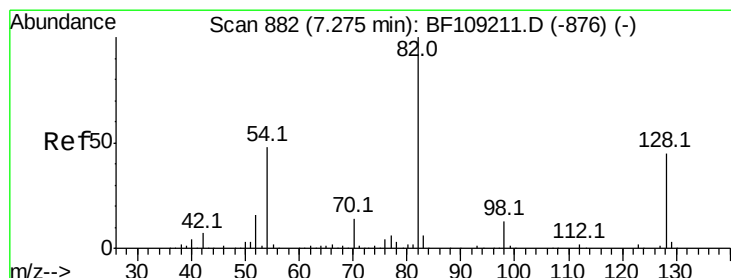
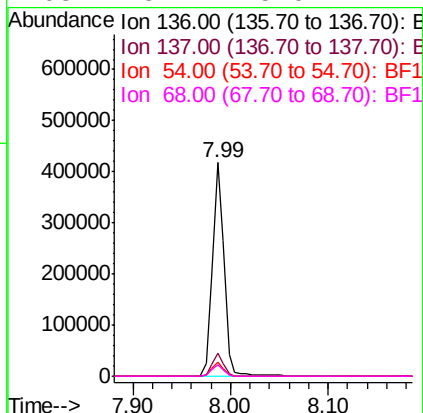
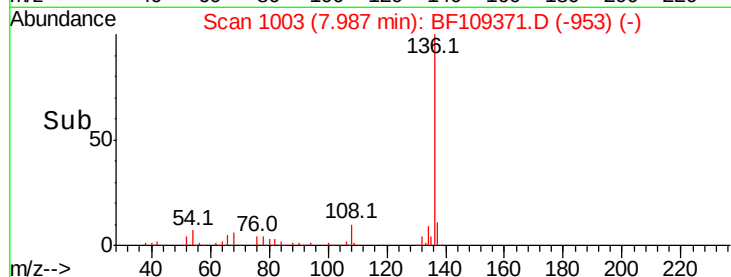
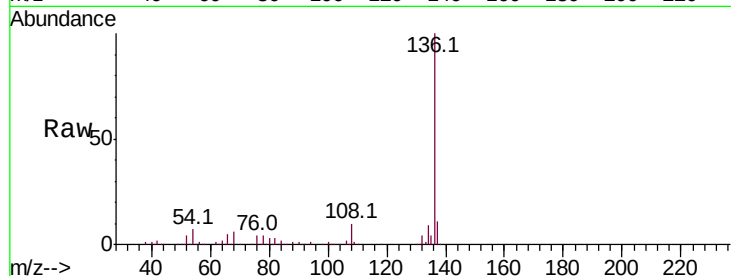




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109371.D
Acq: 27 Sep 2018 7:07

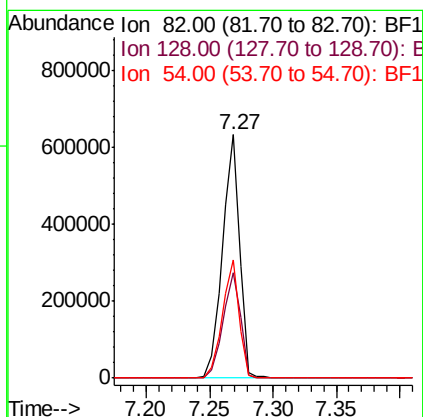
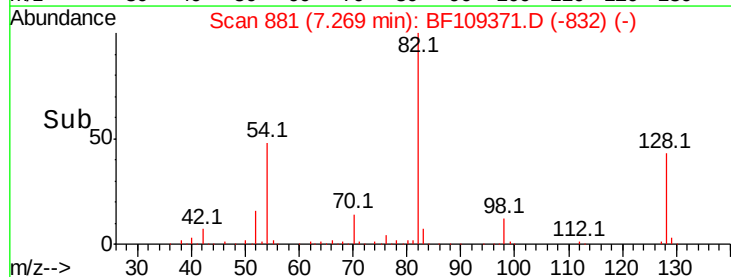
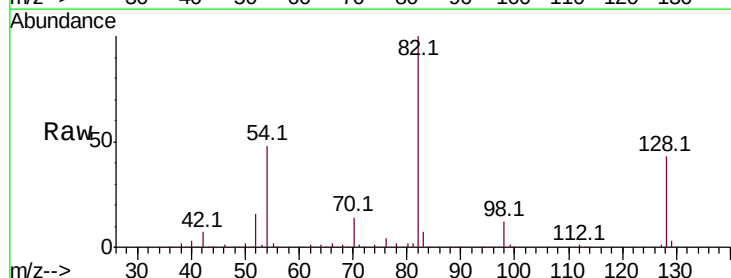
Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-D-B

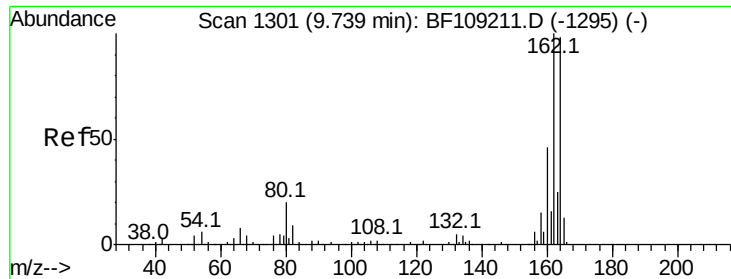
Tot Ion:136	Resp:	346413
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.8	6.6 9.8
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 101.617 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109371.D
Acq: 27 Sep 2018 7:07

Tgt Ion: 82	Resp:	596318
Ion Ratio	Lower	Upper
82	100	
128	43.0	36.1 54.1
54	48.3	41.4 62.2

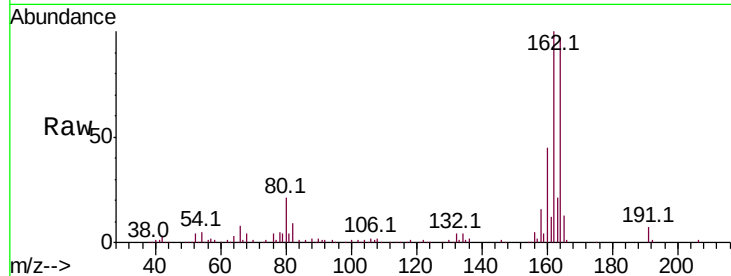




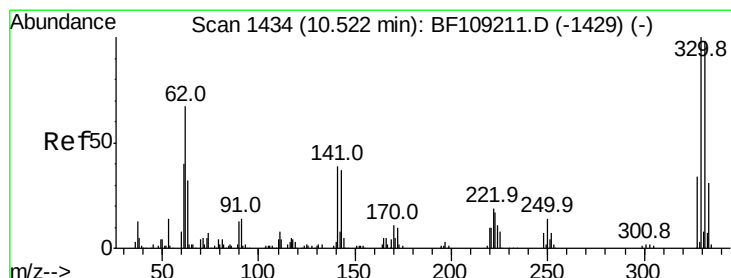
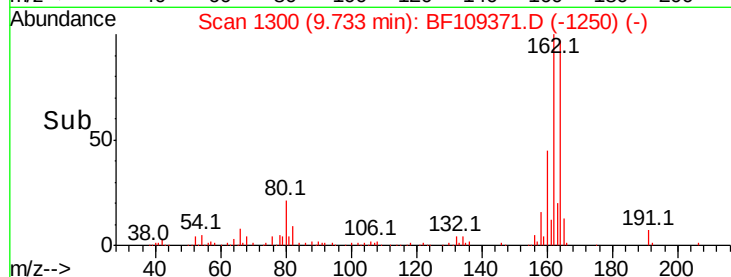
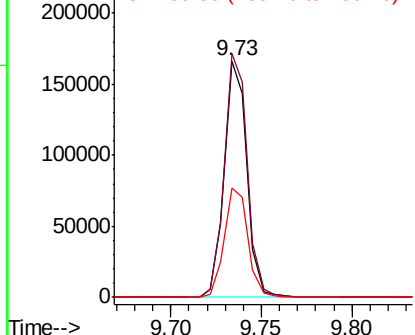
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-D-B

Tot Ion:164 Resp: 144632
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 46.3 38.3 57.5

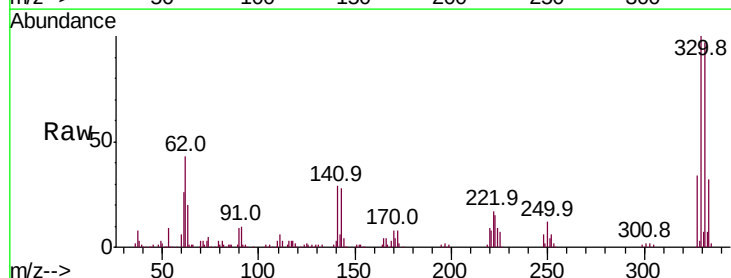


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

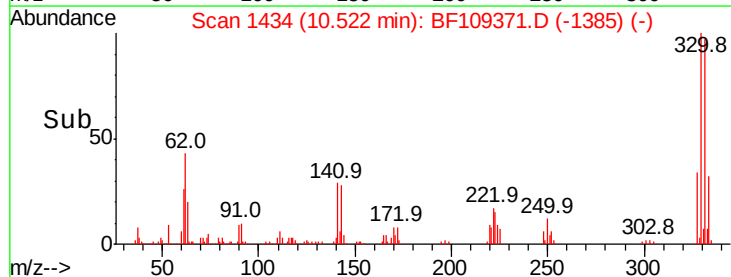
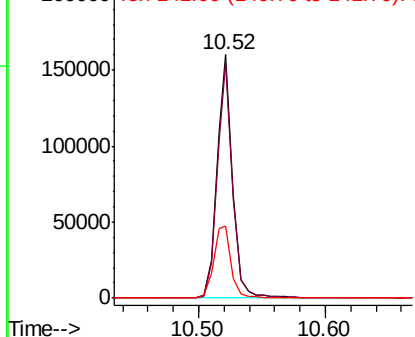


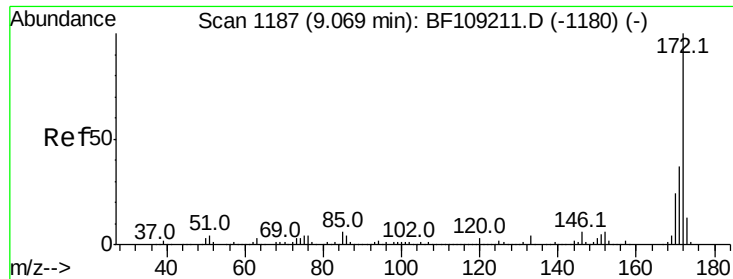
#41
 2,4,6-Tribromophenol
 Concen: 96.436 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109371.D
 Acq: 27 Sep 2018 7:07

Tgt Ion:330 Resp: 137495
 Ion Ratio Lower Upper
 330 100
 332 95.9 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

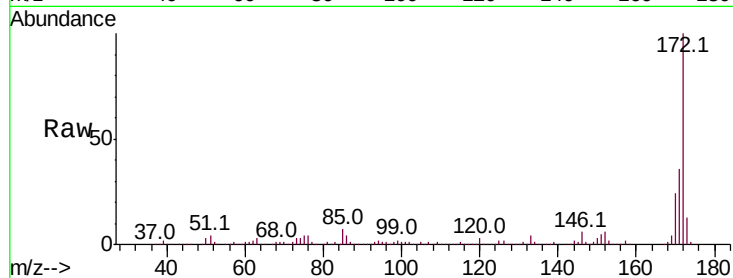




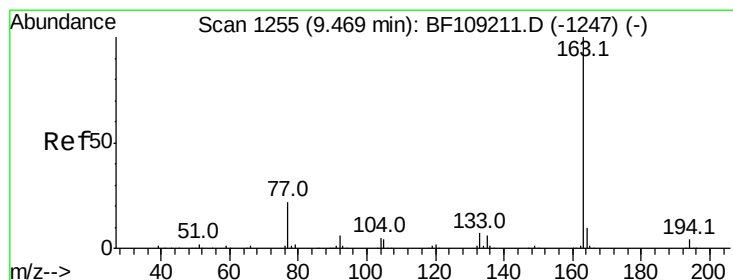
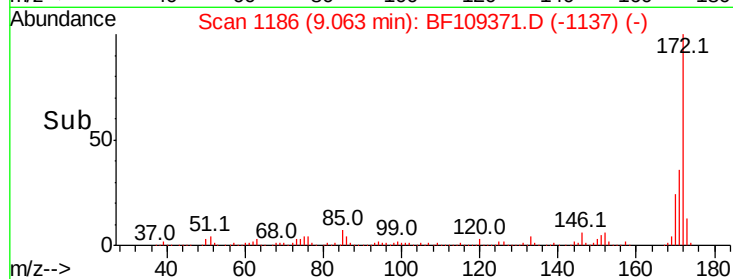
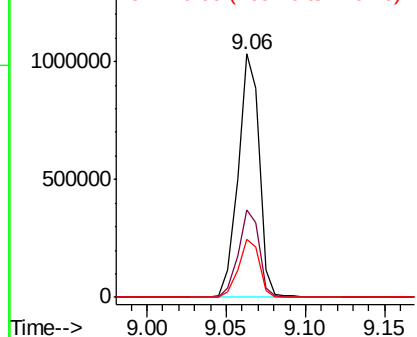
#44
2-Fluorobiphenyl
Concen: 99.514 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109371.D
Acq: 27 Sep 2018 7:07

Instrument :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4

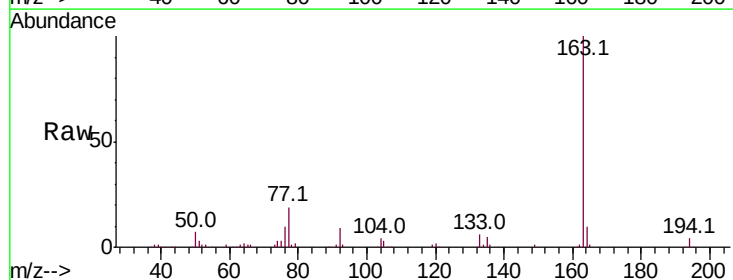


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

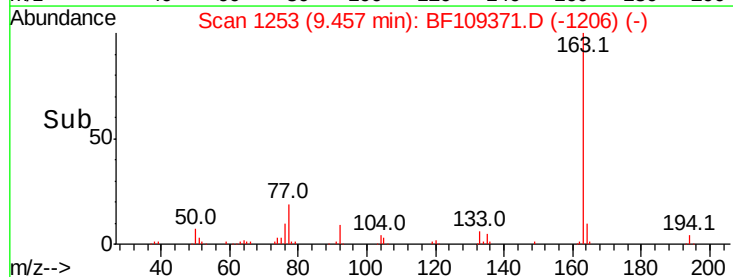
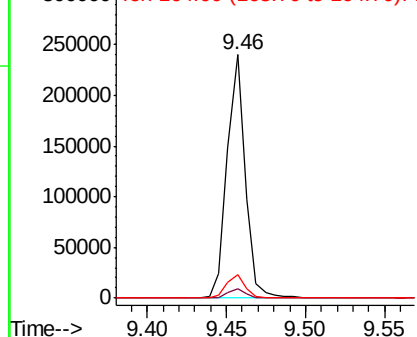


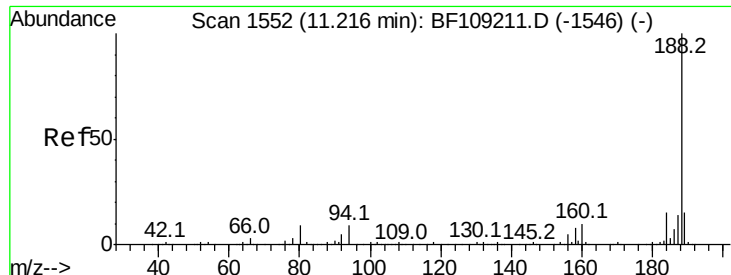
#49
Dimethylphthalate
Concen: 18.150 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109371.D
Acq: 27 Sep 2018 7:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	9.8	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: BF109371.D

Acq: 27 Sep 2018 7:07

Instrument :

BNA_F

ClientSampleId :

092118-TIPC-F-D-B

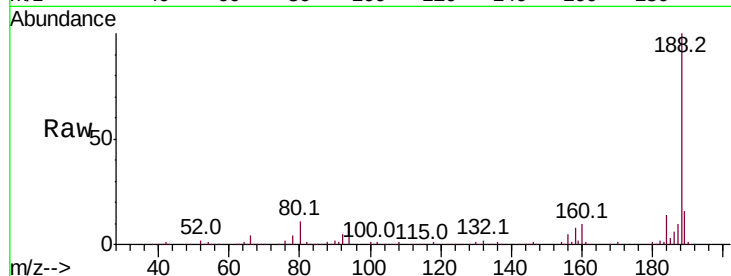
Tot Ion:188 Resp: 255935

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

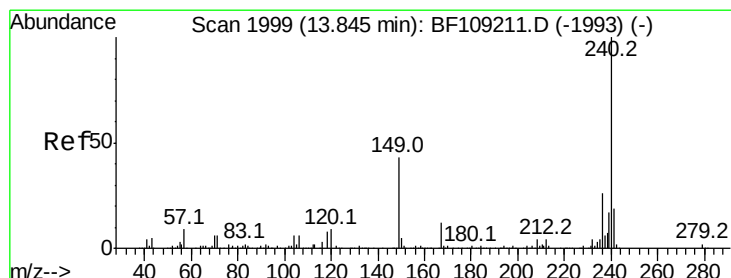
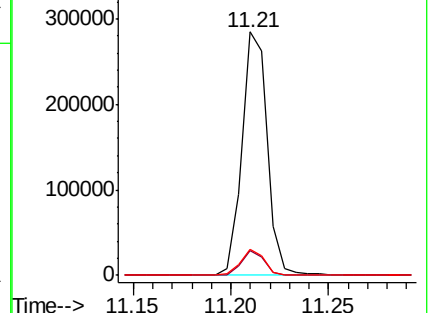
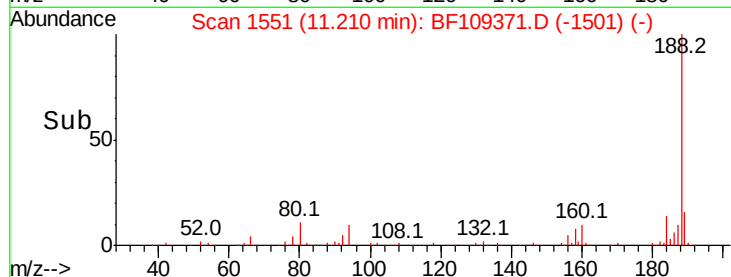
80 10.5 9.2 13.8



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: BF109371.D

Acq: 27 Sep 2018 7:07

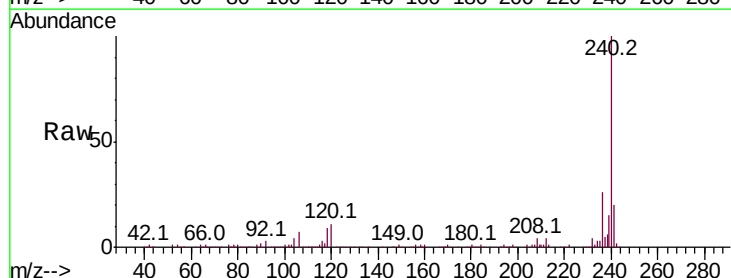
Tgt Ion:240 Resp: 270639

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

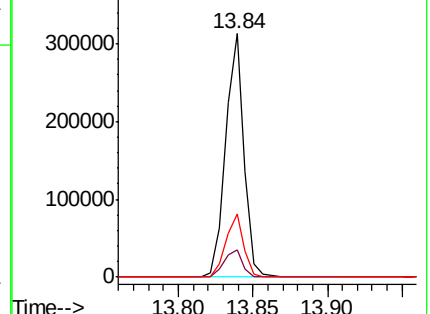
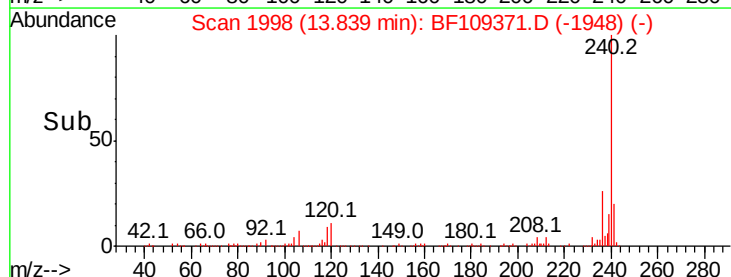
236 25.9 20.7 31.1

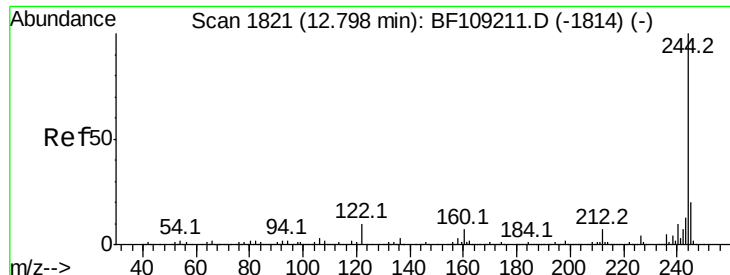


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.175 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109371.D

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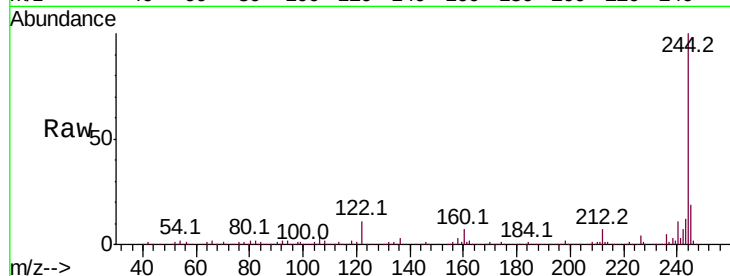
Tot Ion:244 Resp: 983401

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

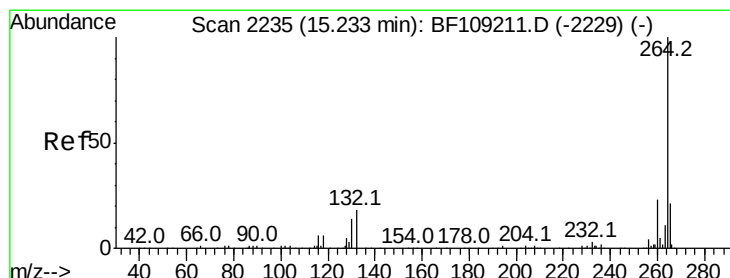
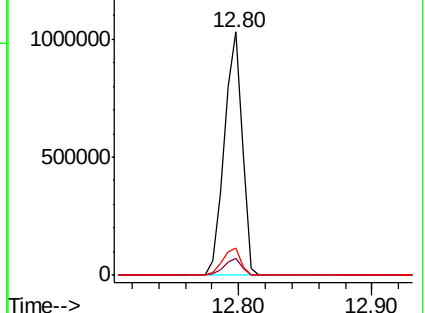
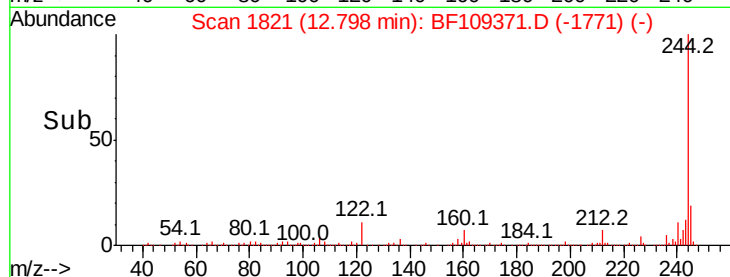
122 11.0 11.0 16.4



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: BF109371.D

Acq: 27 Sep 2018 7:07

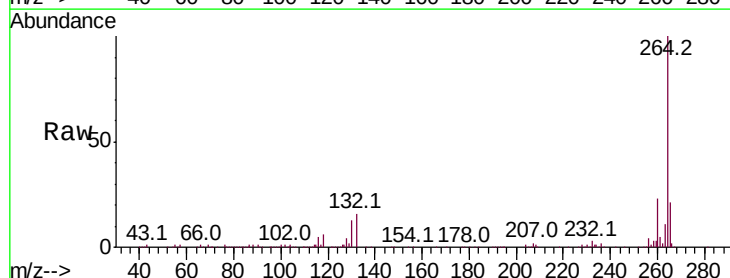
Tgt Ion:264 Resp: 239653

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.9 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

