

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109363.D
 Acq On : 27 Sep 2018 3:37
 Operator : JU/SJ
 Sample : J5053-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW12-GW

Quant Time: Sep 27 08:03:22 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

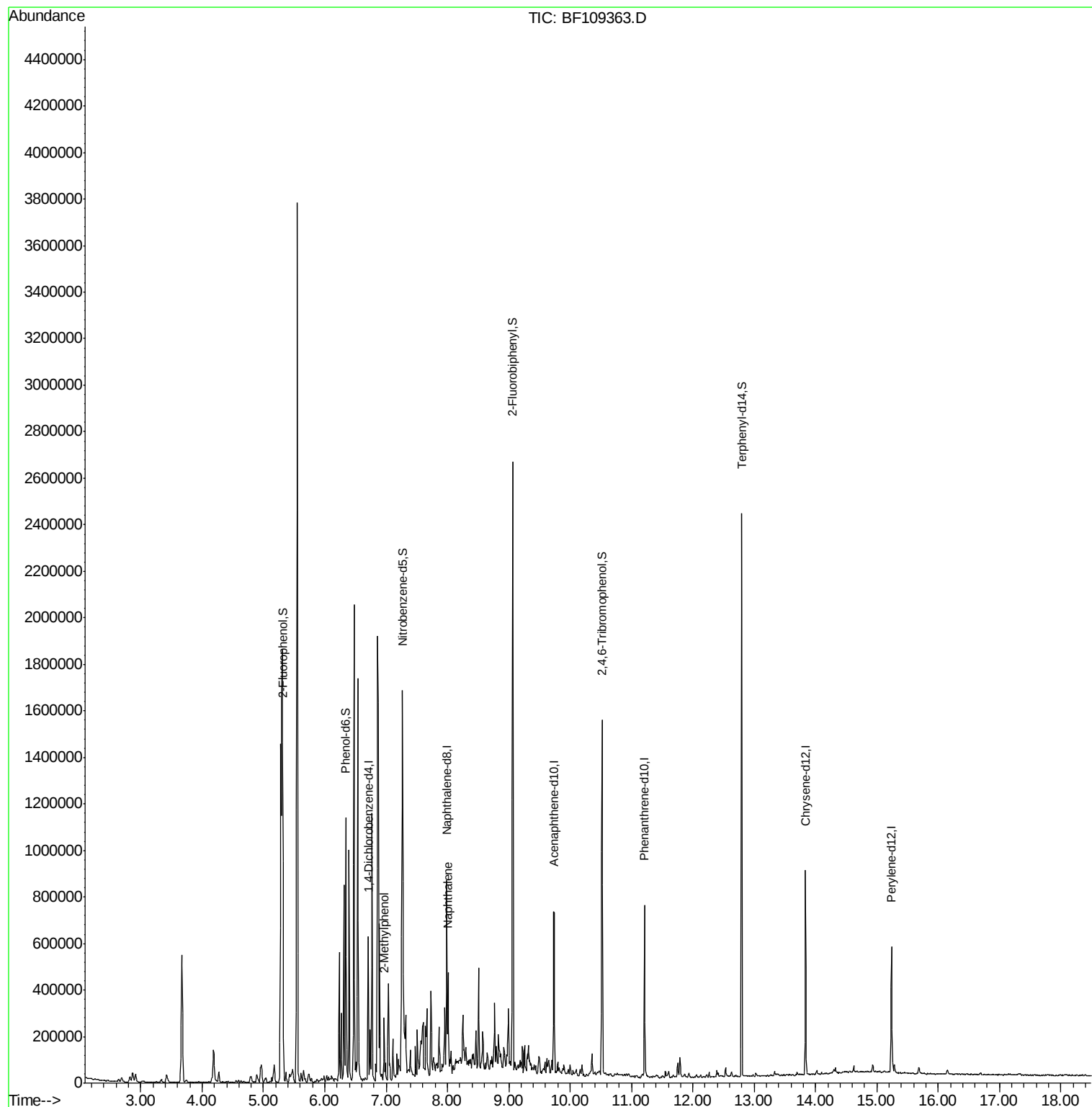
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	92685	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	318272	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	138062	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	247716	20.00	ng	0.00
75) Chrysene-d12	13.84	240	268473	20.00	ng	0.00
86) Perylene-d12	15.24	264	238150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	380993	67.71	ng	0.00
7) Phenol-d6	6.35	99	327493	45.61	ng	-0.01
23) Nitrobenzene-d5	7.27	82	461891	85.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	170882	125.56	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	790826	86.39	ng	-0.01
78) Terphenyl-d14	12.80	244	796604	72.82	ng	0.00
Target Compounds						
17) 2-Methylphenol	6.97	107	14401	2.844	ng	Qvalue # 91
31) Naphthalene	8.01	128	141870	9.539	ng	98

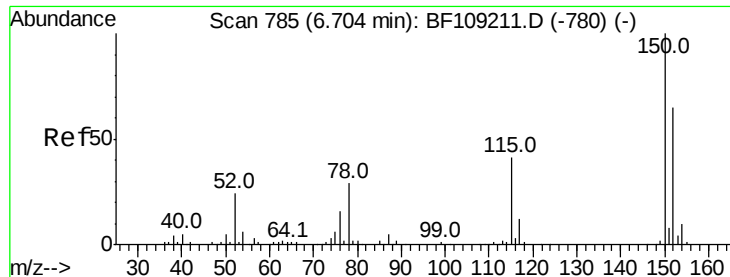
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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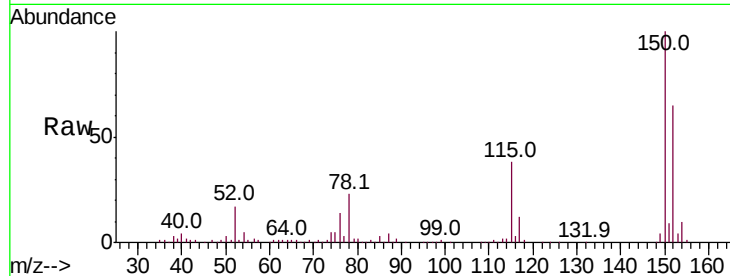


#1

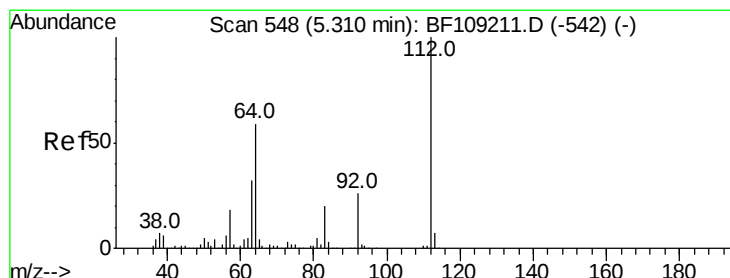
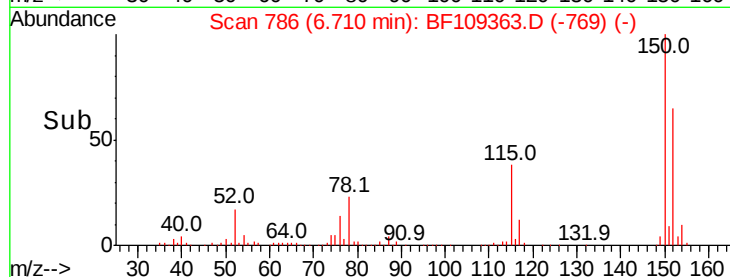
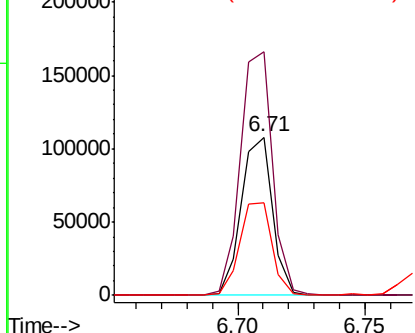
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tot Ion:152 Resp: 92685
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 58.1 50.1 75.1



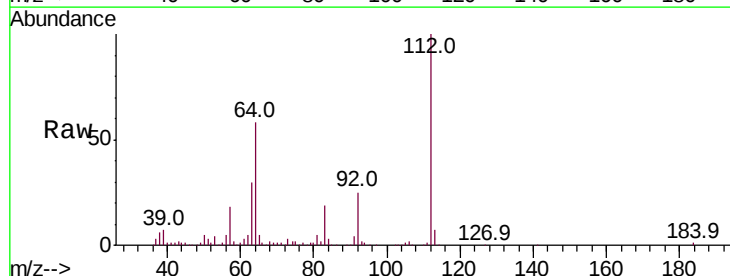
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



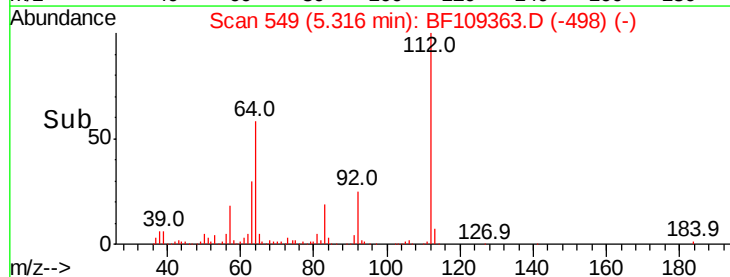
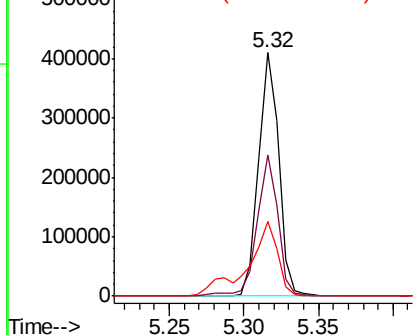
#5

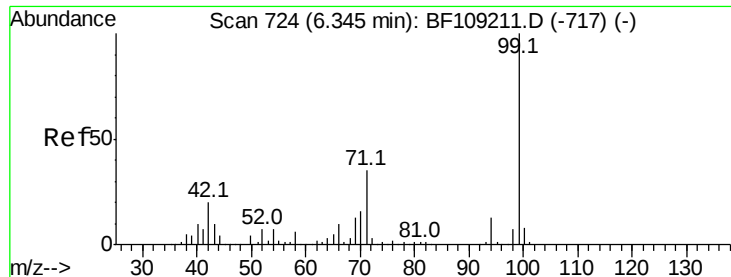
2-Fluorophenol
Concen: 67.705 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:112 Resp: 380993
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 30.4 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: 45.608 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109363.D

Acq: 27 Sep 2018 3:37

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW12-GW

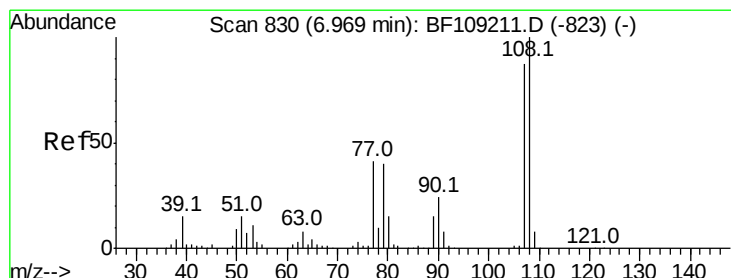
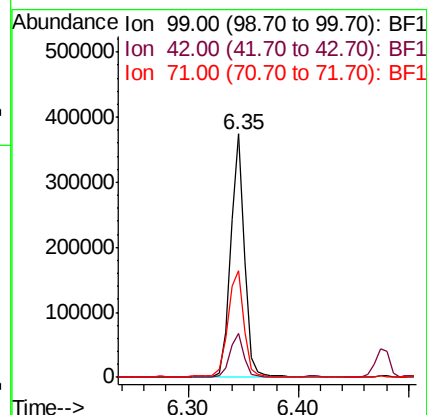
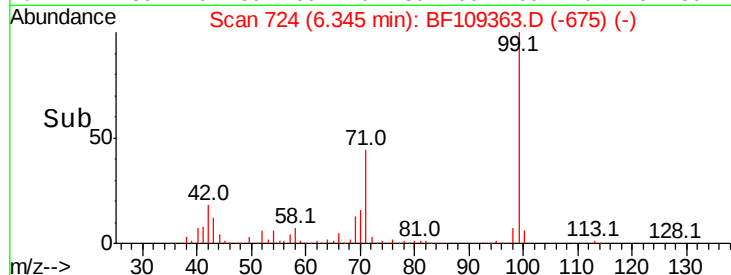
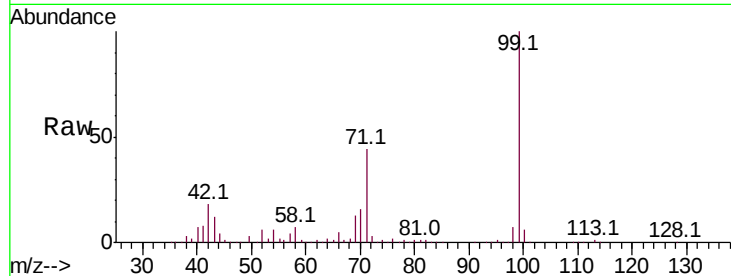
Tot Ion: 99 Resp: 327493

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 43.9 25.4 38.0#



#17

2-Methylphenol

Concen: 2.844 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF109363.D

Acq: 27 Sep 2018 3:37

Tgt Ion: 107 Resp: 14401

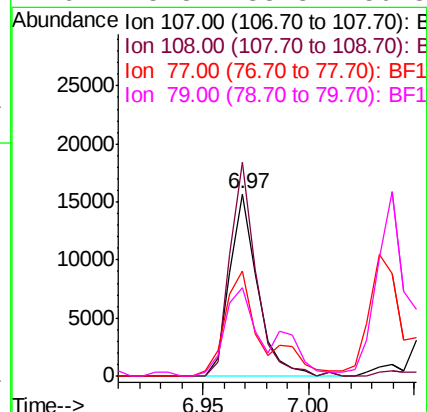
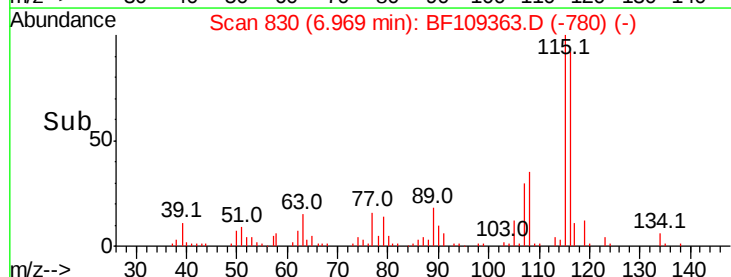
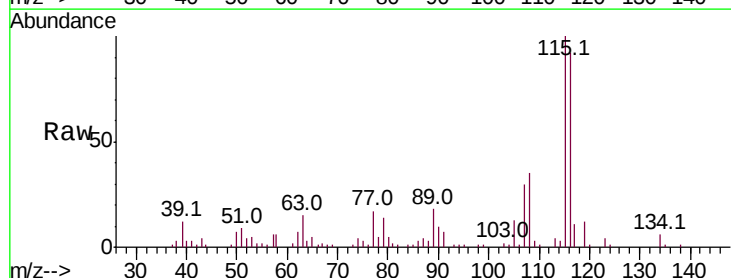
Ion Ratio Lower Upper

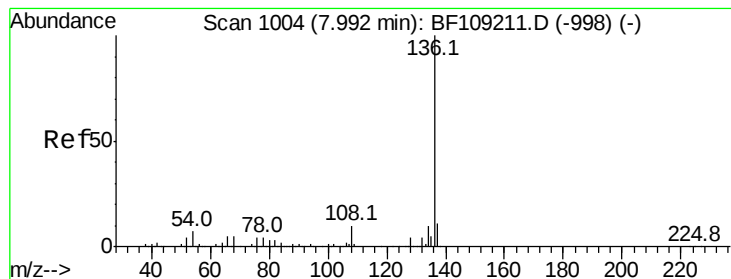
107 100

108 117.3 91.7 137.5

77 57.8 33.8 50.8#

79 48.8 33.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109363.D

Acq: 27 Sep 2018 3:37

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW12-GW

Tot Ion:136 Resp: 318272

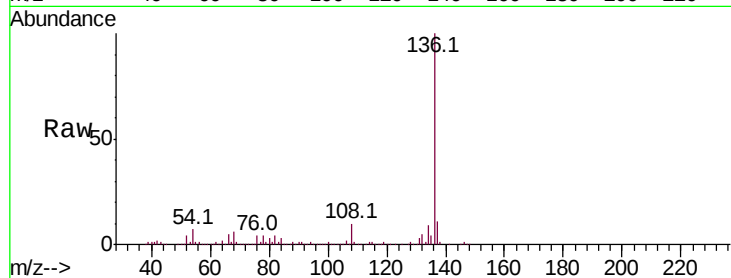
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 6.1 5.0 7.4

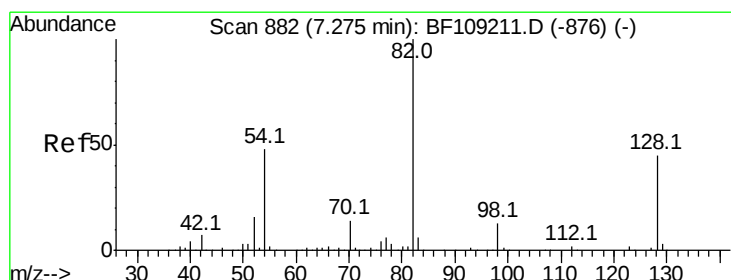
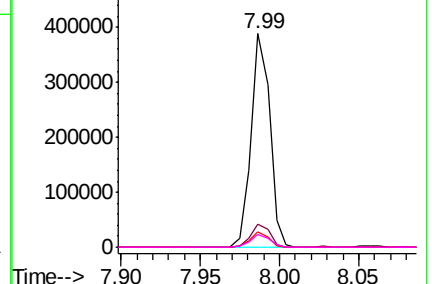
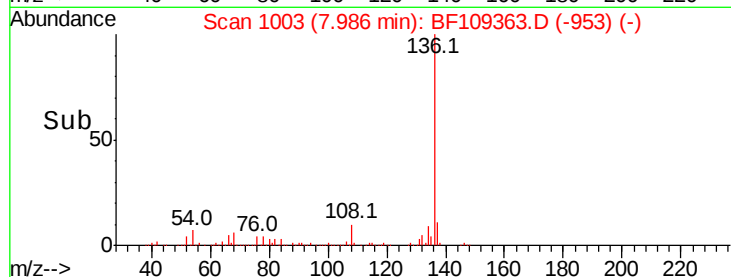


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.669 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109363.D

Acq: 27 Sep 2018 3:37

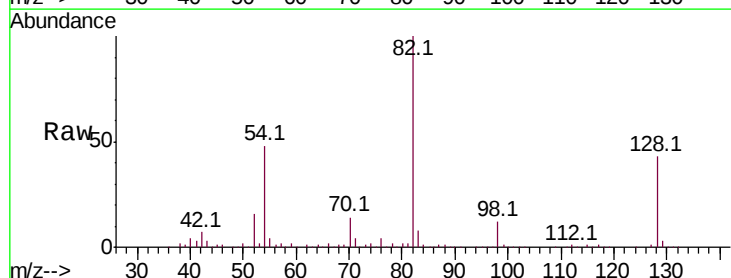
Tgt Ion: 82 Resp: 461891

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

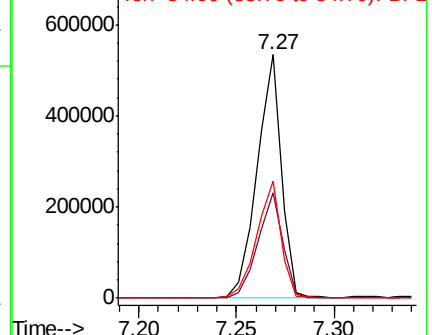
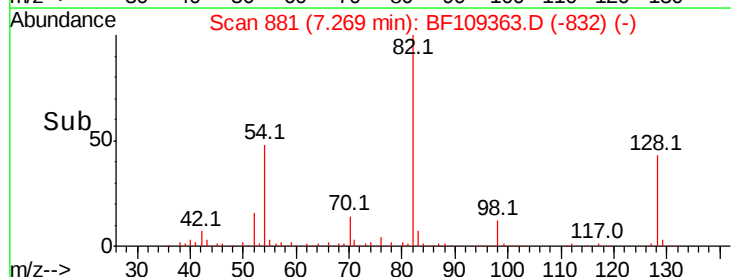
54 47.8 41.4 62.2

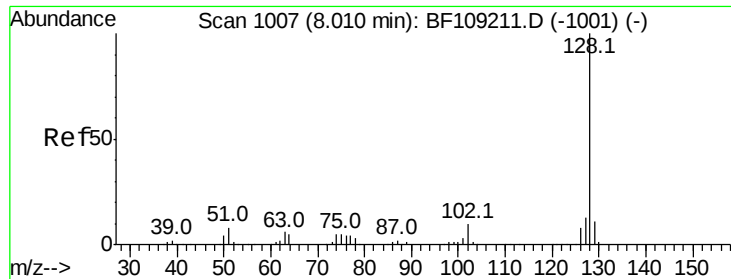


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

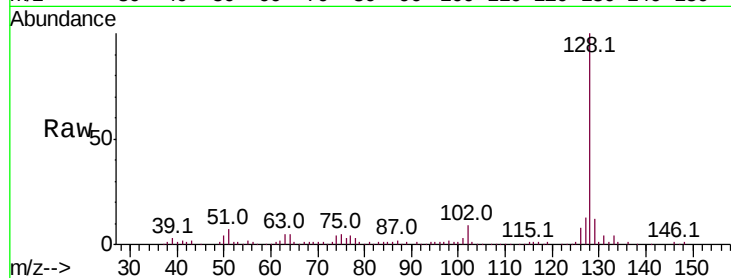




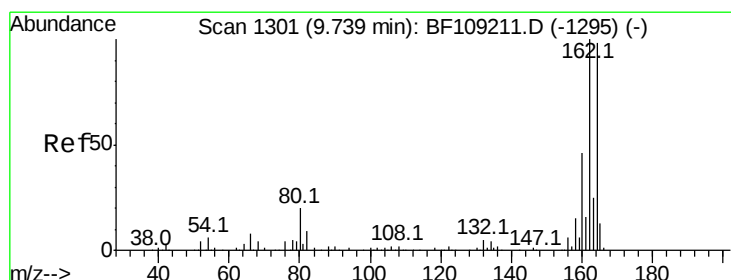
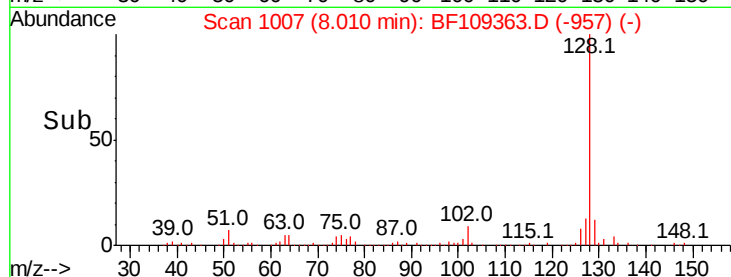
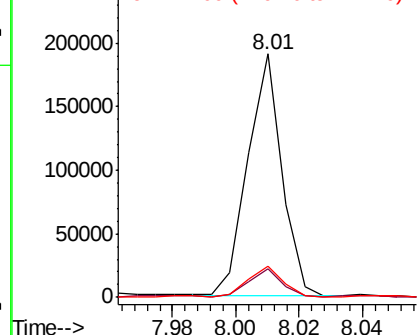
#31
Naphthalene
Concen: 9.539 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tot Ion:128 Resp: 141870
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.0 10.9 16.3

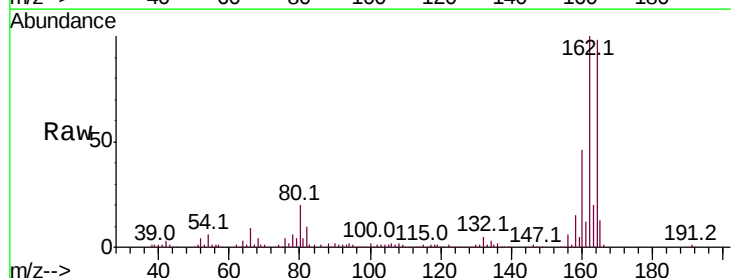


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

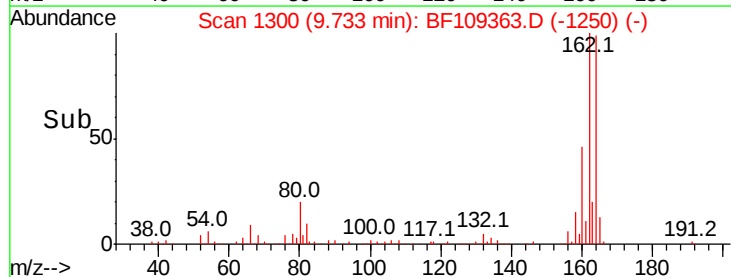
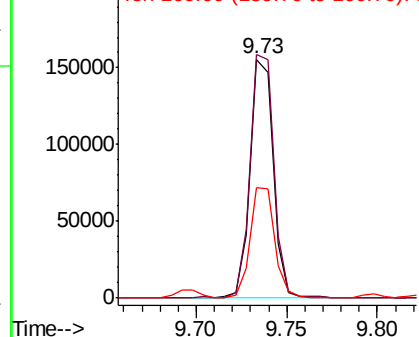


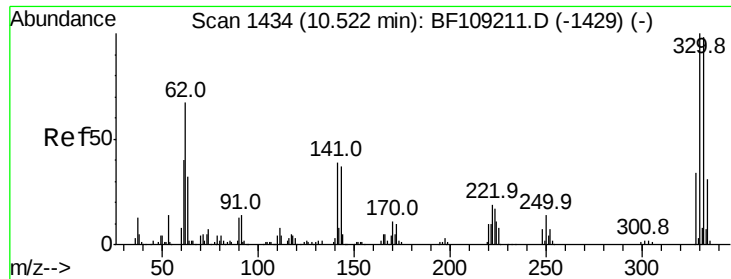
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:164 Resp: 138062
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 46.6 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

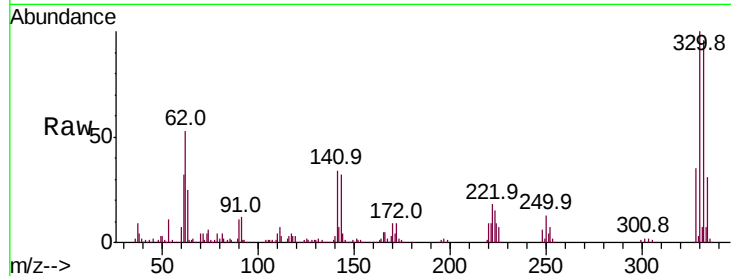




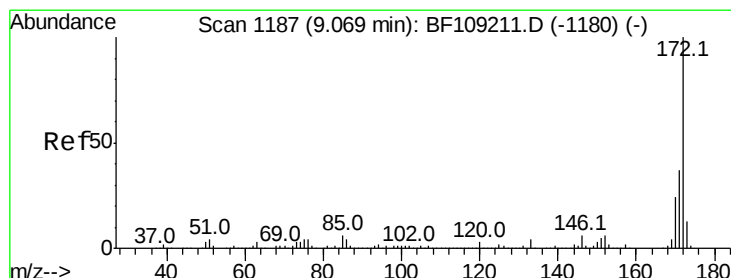
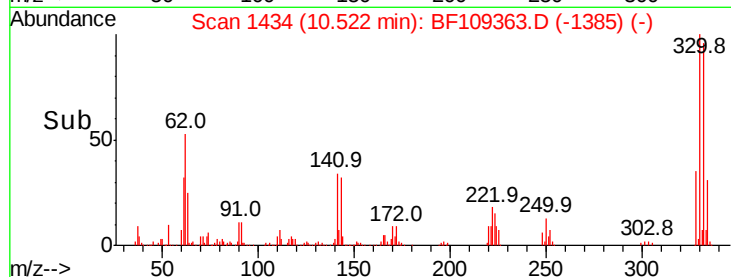
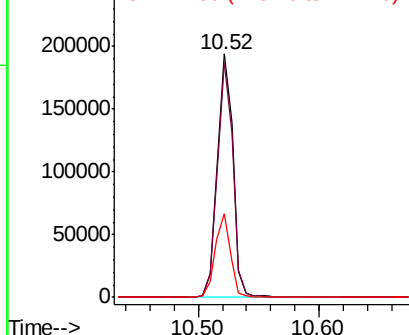
#41
 2,4,6-Tribromophenol
 Concen: 125.556 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109363.D
 Acq: 27 Sep 2018 3:37

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW12-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	33.6	29.9	44.9

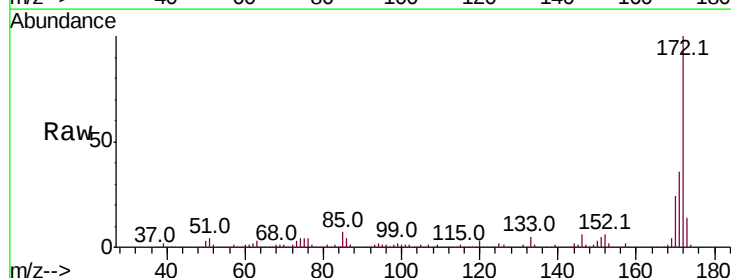


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

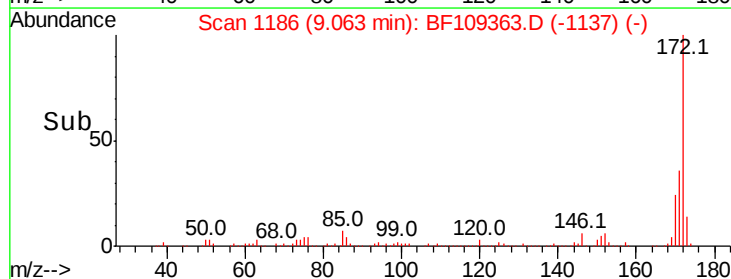
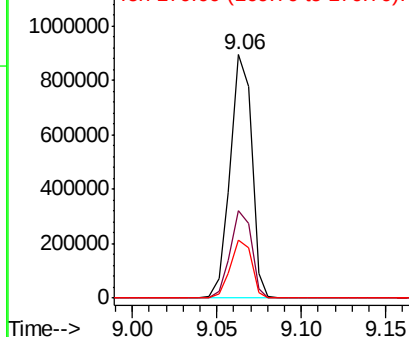


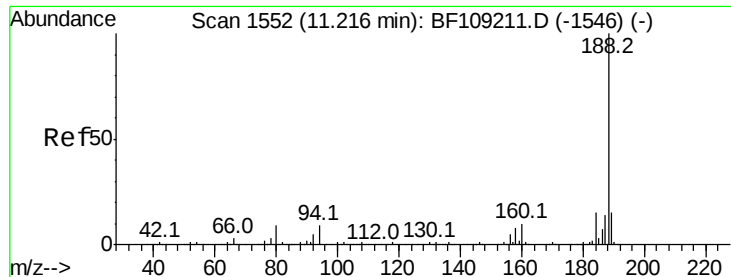
#44
 2-Fluorobiphenyl
 Concen: 86.390 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109363.D
 Acq: 27 Sep 2018 3:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	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

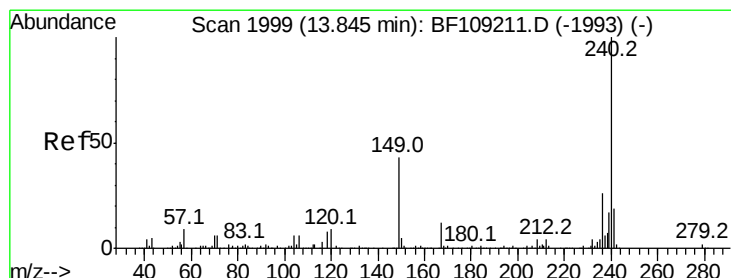
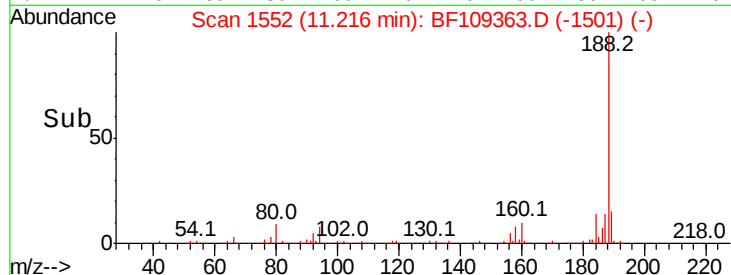
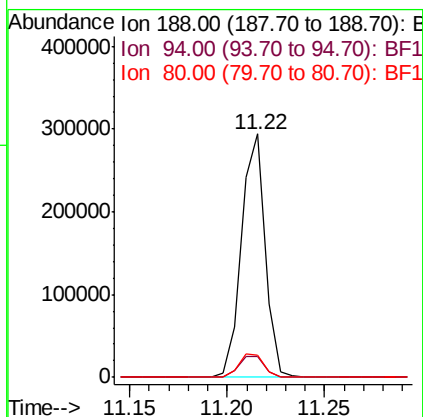
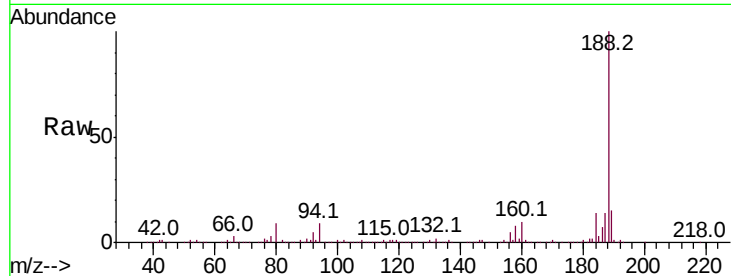




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

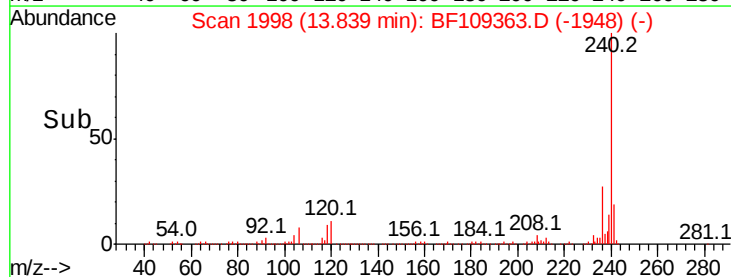
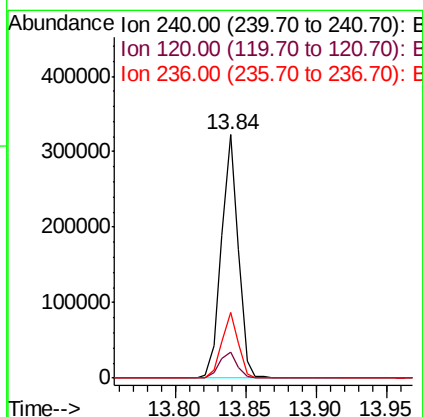
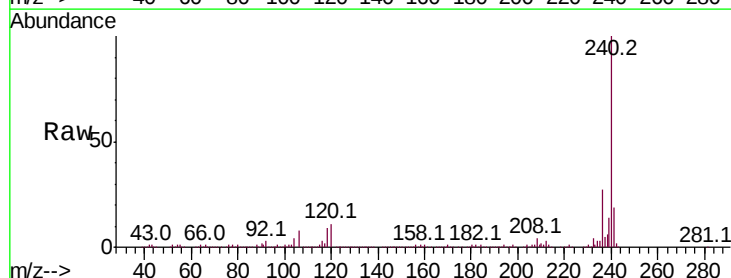
Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

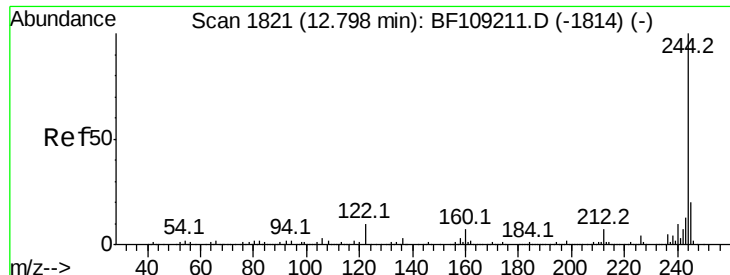
Tot Ion:188 Resp: 247716
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 8.9 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109363.D
Acq: 27 Sep 2018 3:37

Tgt Ion:240 Resp: 268473
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 26.8 20.7 31.1





#78

Terphenyl-d14

Concen: 72.819 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109363.D

Acq: 27 Sep 2018 3:37

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW12-GW

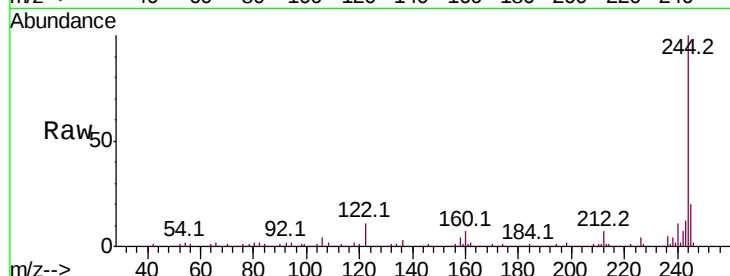
Tot Ion:244 Resp: 796604

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

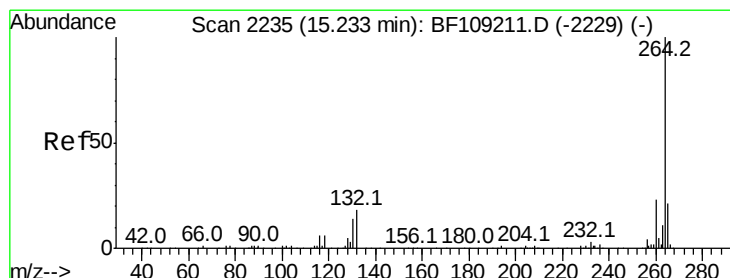
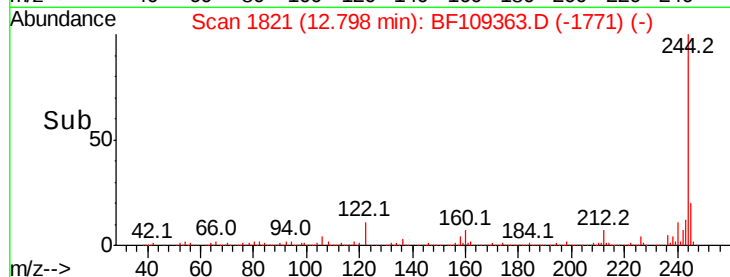
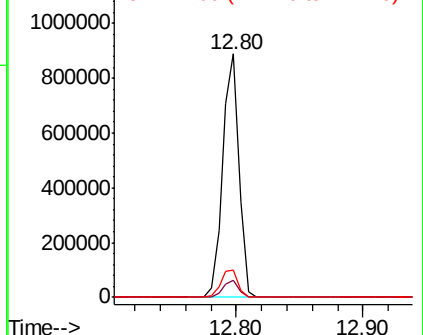
122 11.0 11.0 16.4



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: BF109363.D

Acq: 27 Sep 2018 3:37

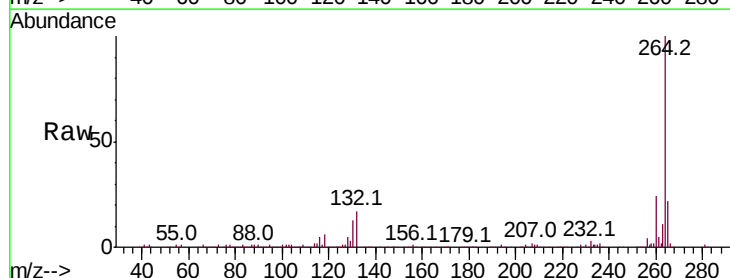
Tgt Ion:264 Resp: 238150

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.1 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

