

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109494.D
 Acq On : 2 Oct 2018 12:09
 Operator : JU/SJ
 Sample : J5155-01DL 100X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30S-GWDL

Quant Time: Oct 02 13:22:44 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

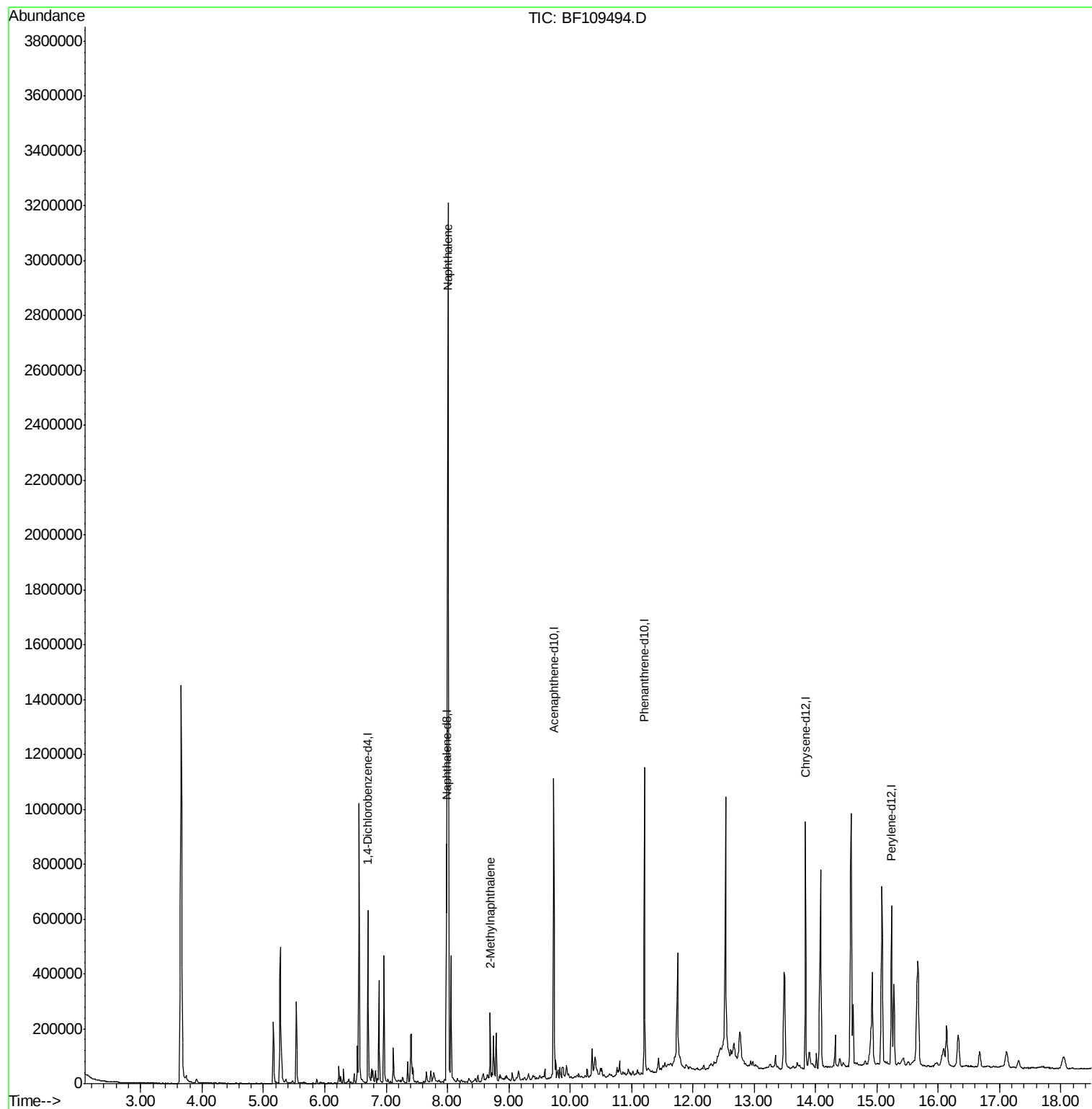
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101897	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	408364	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	202184	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	397404	20.00	ng	0.00
75) Chrysene-d12	13.84	240	294872	20.00	ng	0.00
86) Perylene-d12	15.24	264	268372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	599	0.10	ng	0.00
7) Phenol-d6	6.36	99	881	0.11	ng	0.00
23) Nitrobenzene-d5	7.26	82	3634	0.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	807	0.40	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	8008	0.60	ng	-0.02
78) Terphenyl-d14	12.79	244	6007	0.50	ng	-0.02
Target Compounds						
31) Naphthalene	8.01	128	1430659	74.971	ng	99
37) 2-Methylnaphthalene	8.70	142	67055	5.451	ng	99

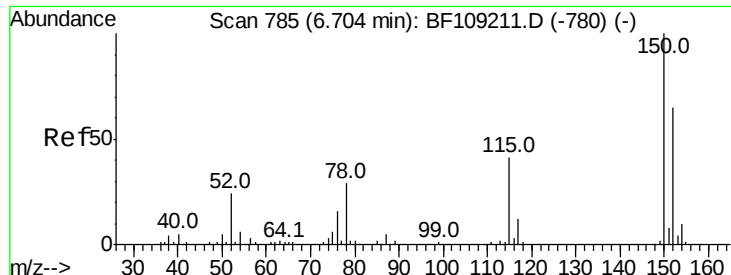
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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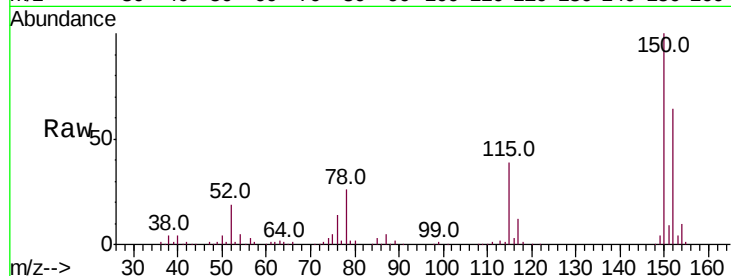


#1

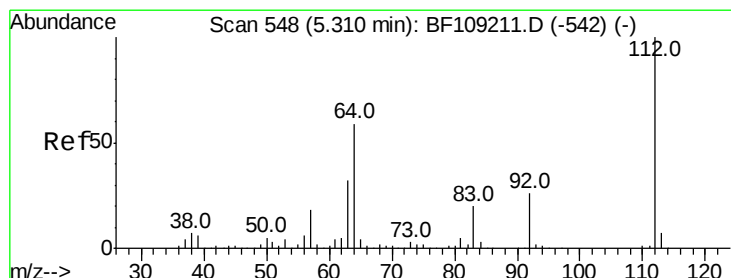
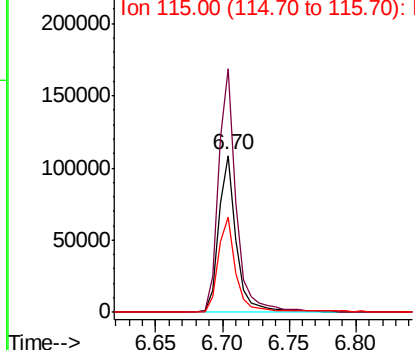
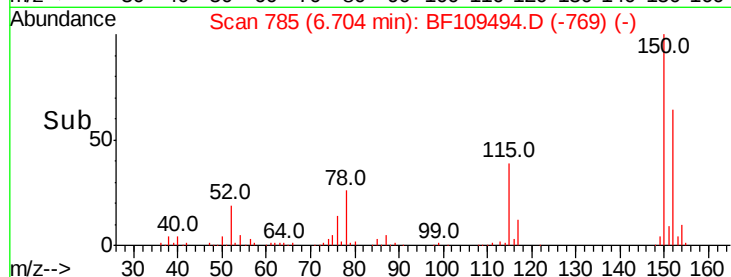
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109494.D
 Acq: 2 Oct 2018 12:09

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30S-GWDL

Tot Ion:152 Resp: 101897
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 60.8 50.1 75.1



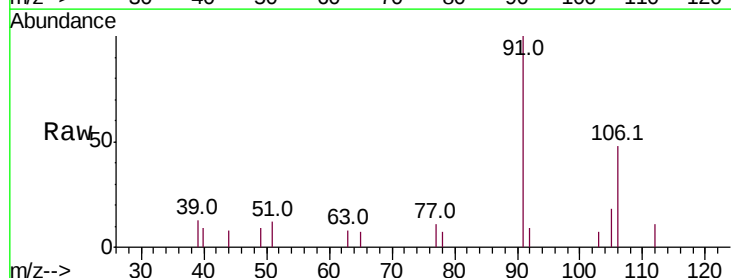
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



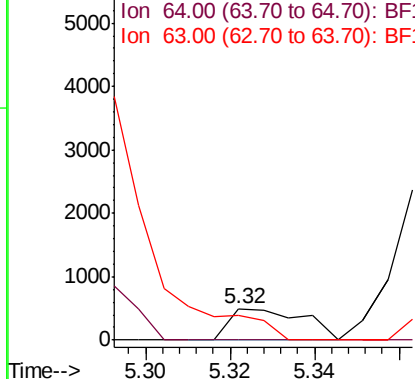
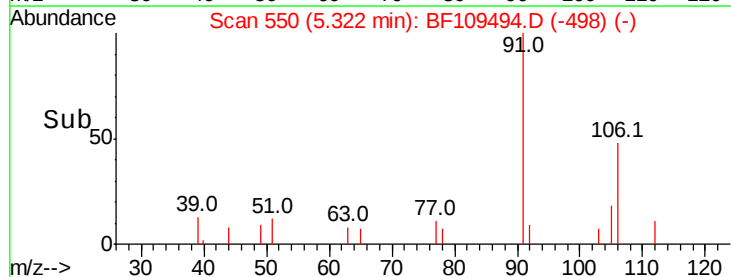
#5

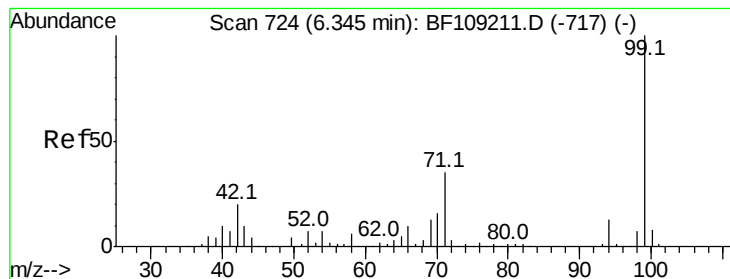
2-Fluorophenol
 Concen: 0.097 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109494.D
 Acq: 2 Oct 2018 12:09

Tgt Ion:112 Resp: 599
 Ion Ratio Lower Upper
 112 100
 64 0.0 47.9 71.9#
 63 76.7 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: 0.112 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109494.D

Acq: 2 Oct 2018 12:09

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30S-GWDL

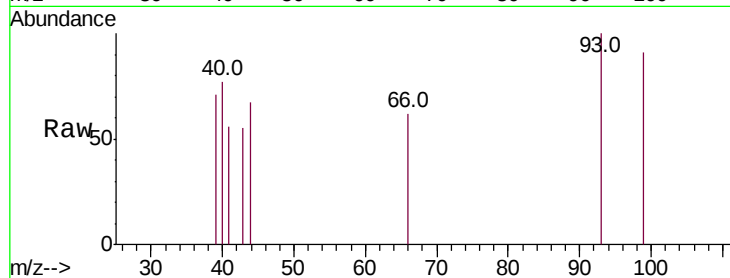
Tot Ion: 99 Resp: 881

Ion Ratio Lower Upper

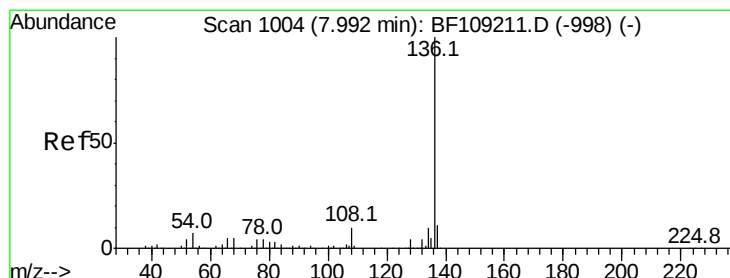
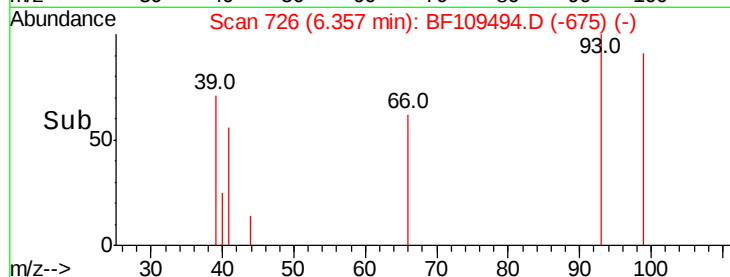
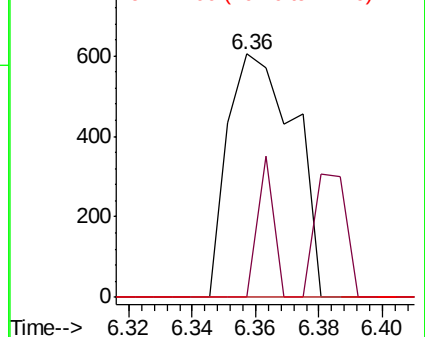
99 100

42 0.0 14.5 21.7#

71 0.0 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109494.D

Acq: 2 Oct 2018 12:09

Tgt Ion: 136 Resp: 408364

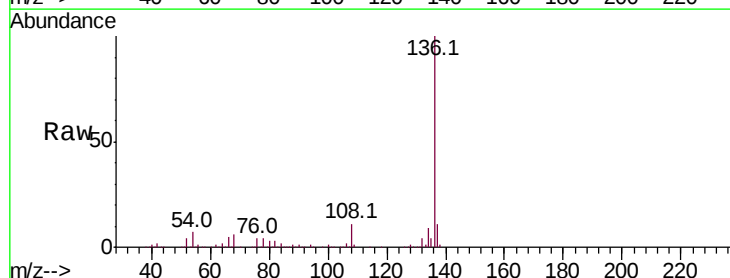
Ion Ratio Lower Upper

136 100

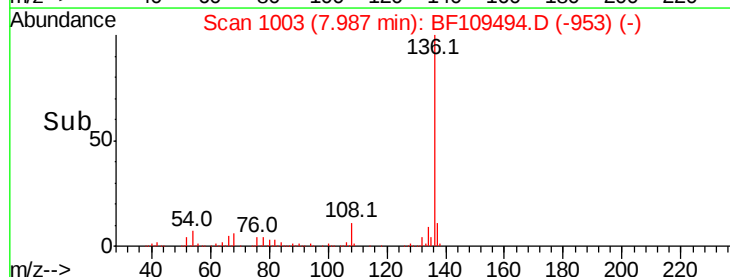
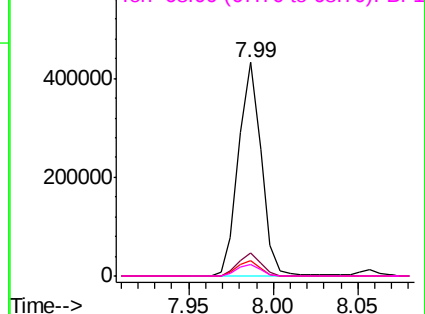
137 10.8 8.9 13.3

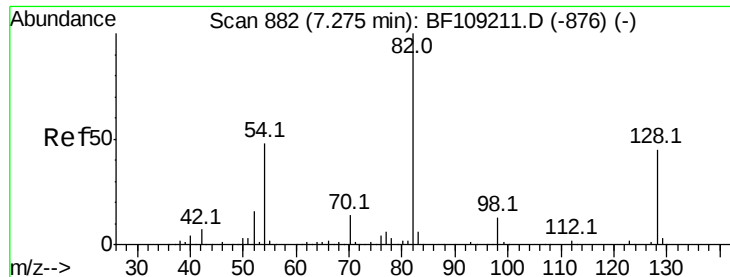
54 6.9 6.6 9.8

68 5.5 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

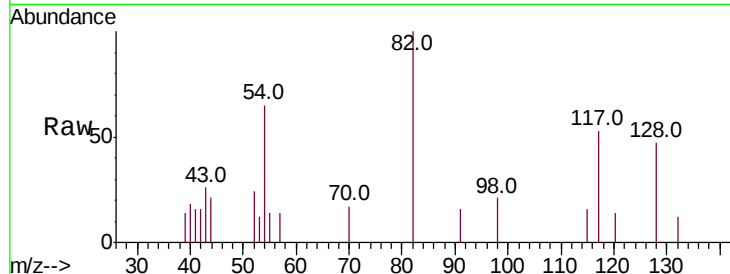




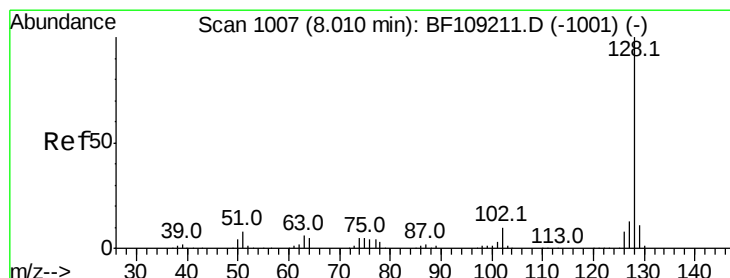
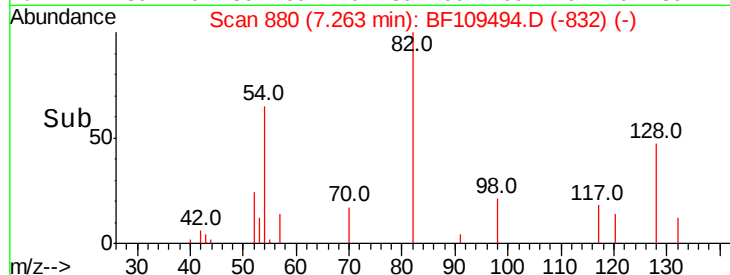
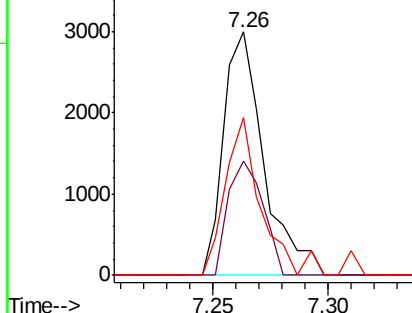
#23
Nitrobenzene-d5
Concen: 0.525 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tot Ion: 82 Resp: 3634
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 65.1 41.4 62.2#

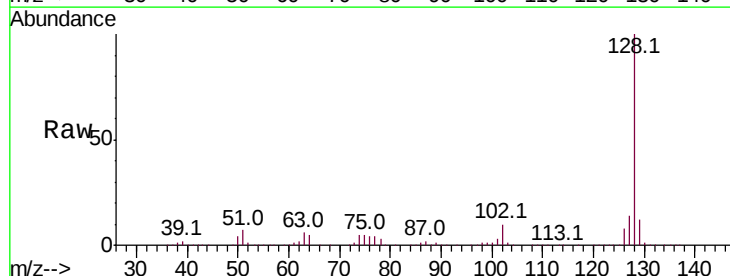


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

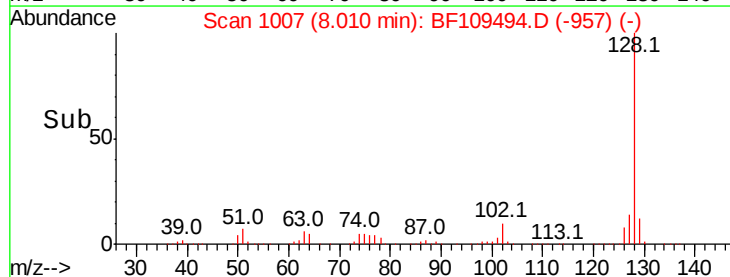
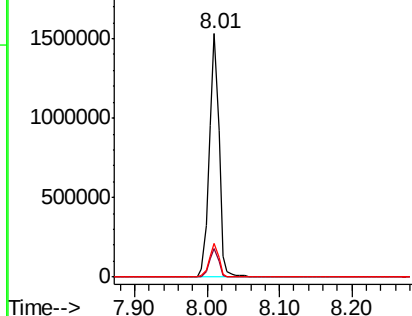


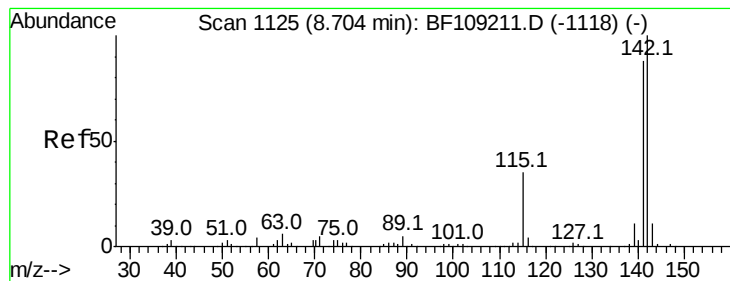
#31
Naphthalene
Concen: 74.971 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion:128 Resp: 1430659
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.0 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





#37

2-Methylnaphthalene

Concen: 5.451 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF109494.D

Acq: 2 Oct 2018 12:09

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30S-GWDL

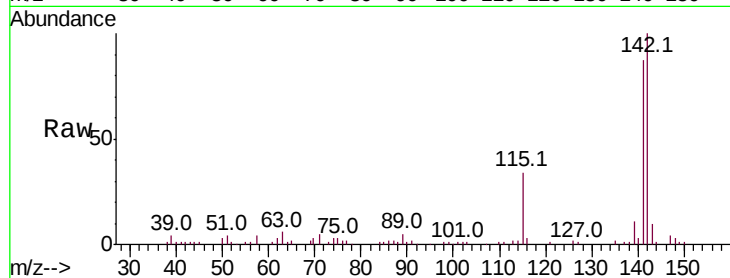
Tot Ion:142 Resp: 67055

Ion Ratio Lower Upper

142 100

141 87.5 70.8 106.2

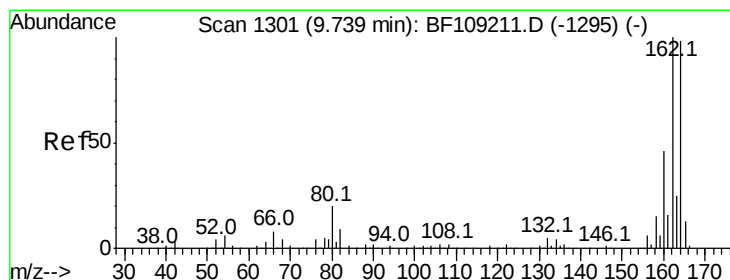
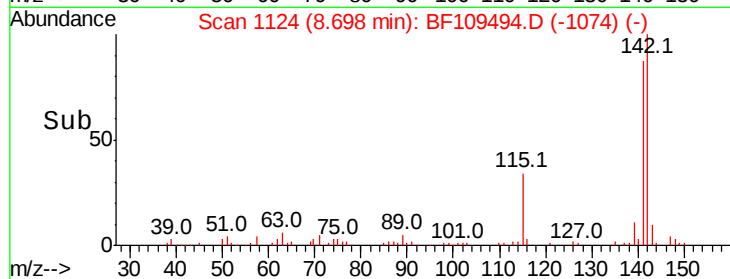
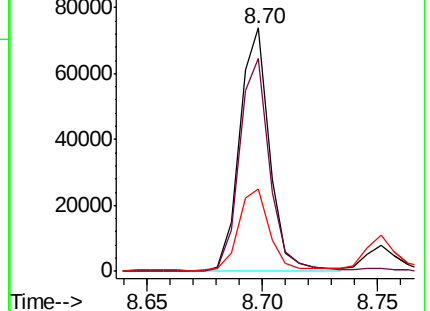
115 34.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109494.D

Acq: 2 Oct 2018 12:09

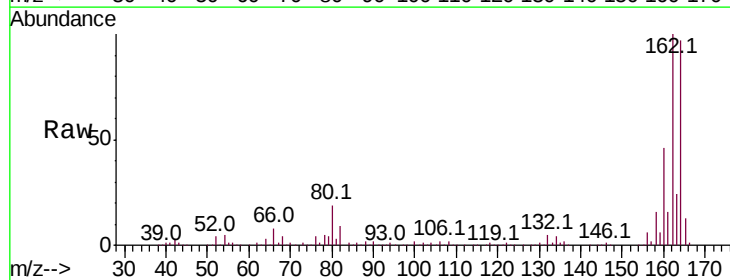
Tgt Ion:164 Resp: 202184

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

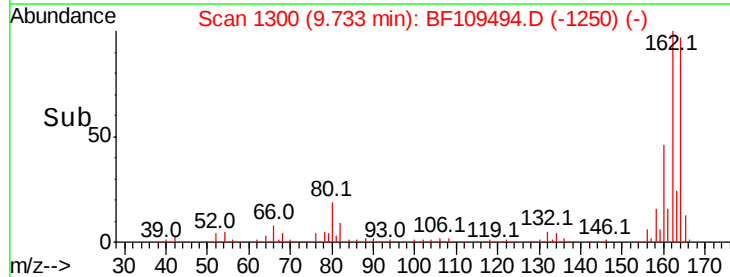
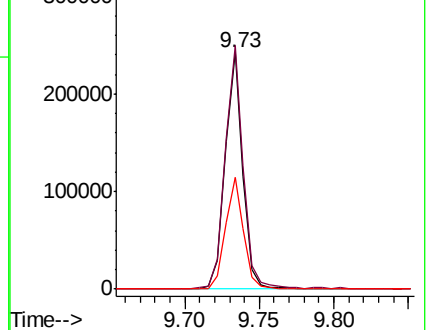
160 47.3 38.3 57.5

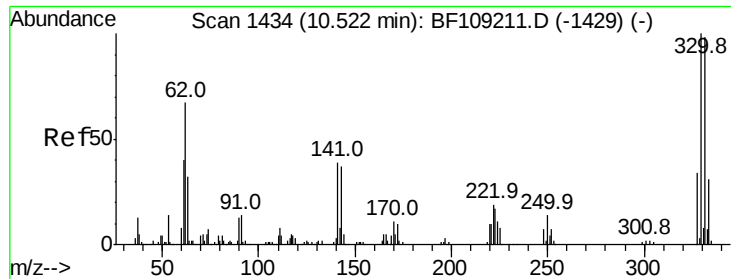


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

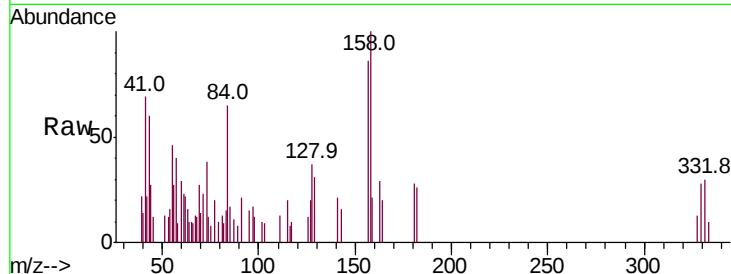




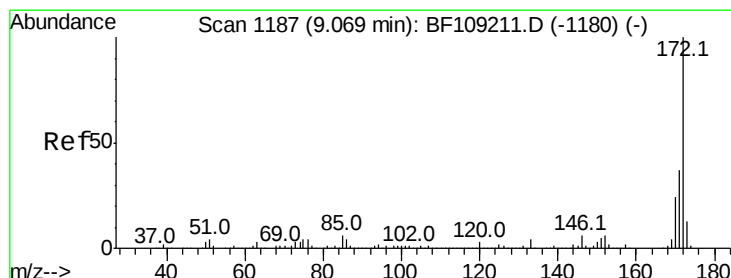
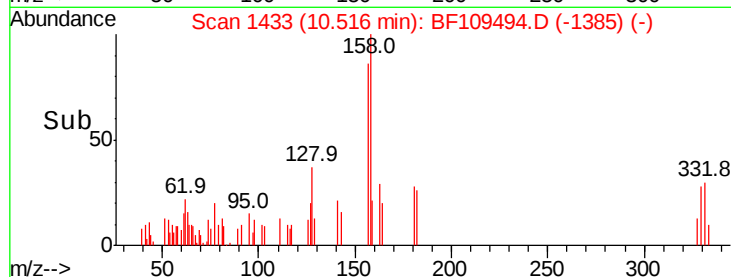
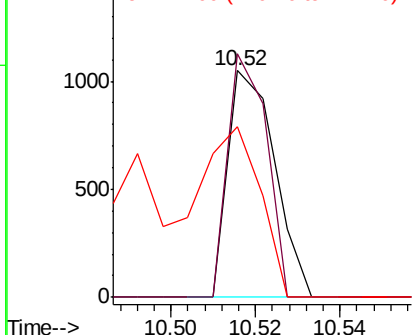
#41
 2,4,6-Tribromophenol
 Concen: 0.405 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109494.D
 Acq: 2 Oct 2018 12:09

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30S-GWDL

Tot Ion:330 Resp: 807
 Ion Ratio Lower Upper
 330 100
 332 88.5 77.0 115.6
 141 100.5 29.9 44.9#

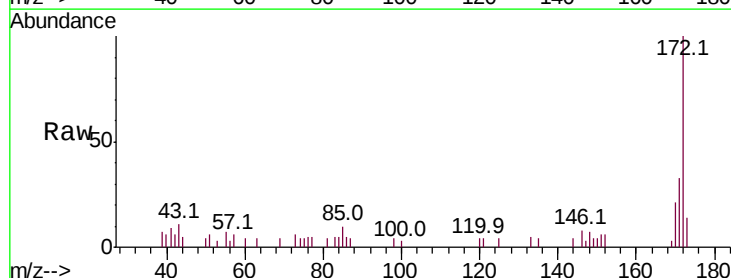


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

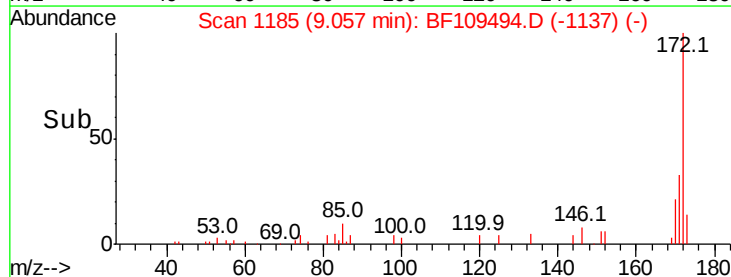
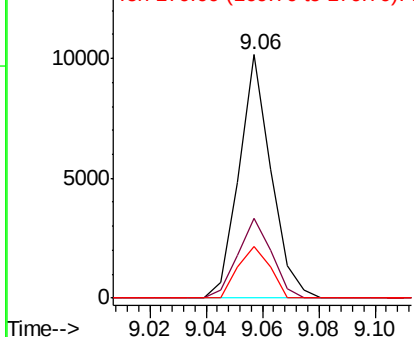


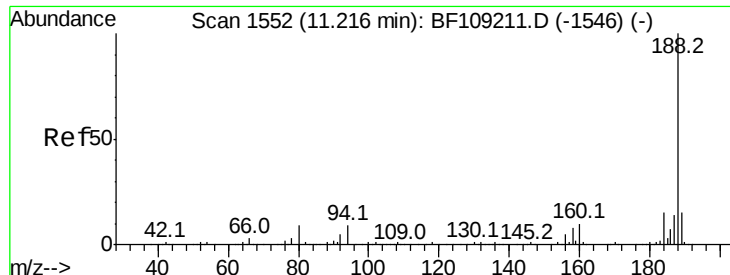
#44
 2-Fluorobiphenyl
 Concen: 0.597 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109494.D
 Acq: 2 Oct 2018 12:09

Tgt Ion:172 Resp: 8008
 Ion Ratio Lower Upper
 172 100
 171 32.9 29.7 44.5
 170 21.3 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

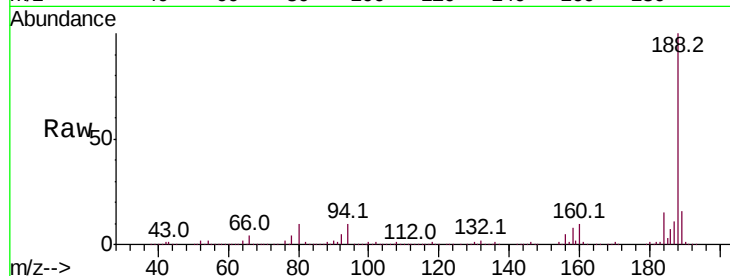




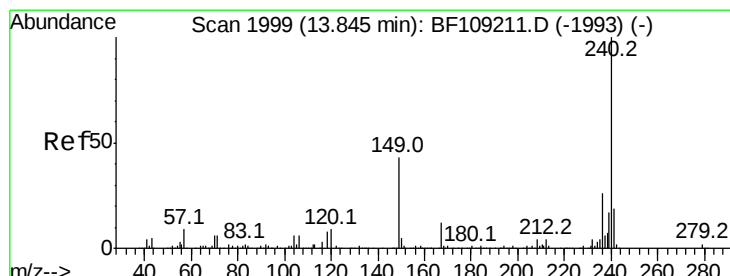
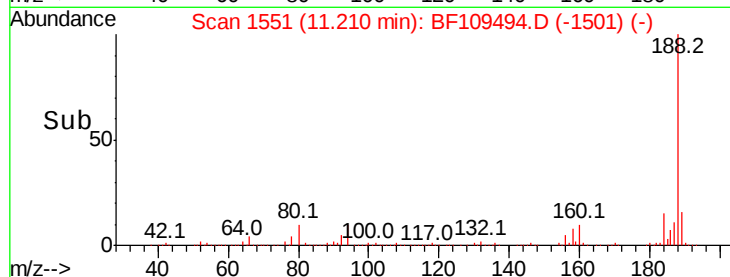
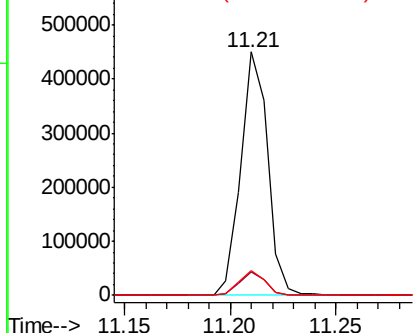
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8

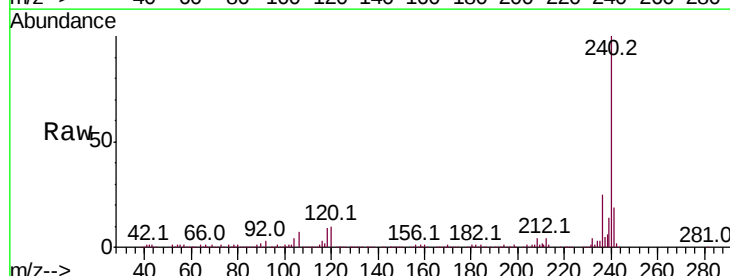


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

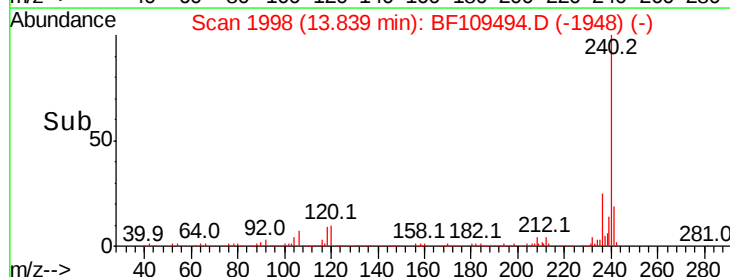
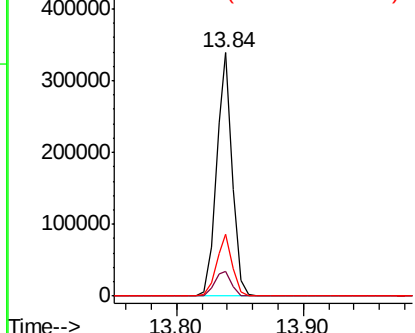


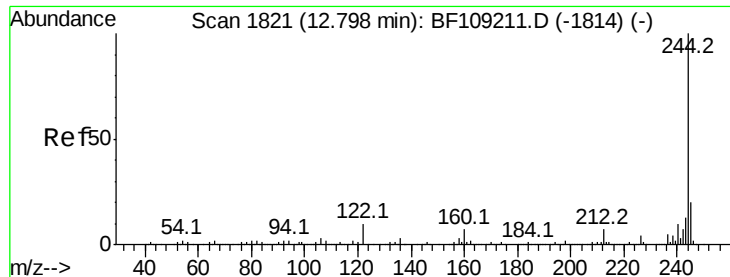
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.4	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: 0.500 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109494.D

Acq: 2 Oct 2018 12:09

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30S-GWDL

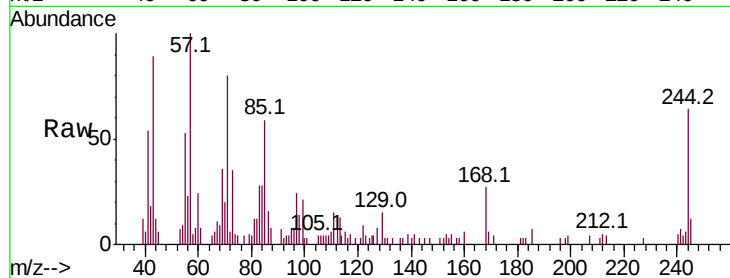
Tot Ion:244 Resp: 6007

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

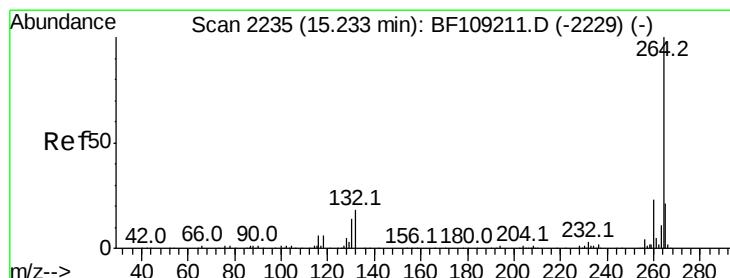
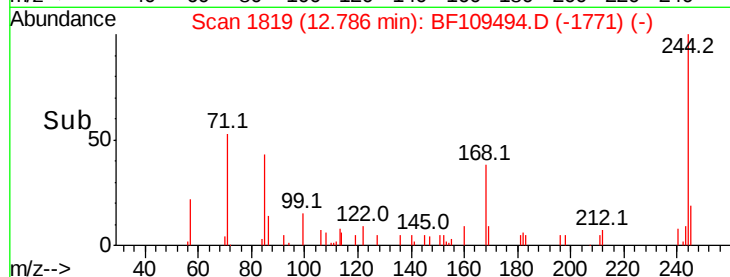
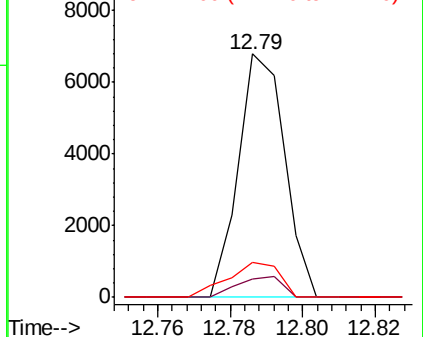
122 14.3 11.0 16.4



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: BF109494.D

Acq: 2 Oct 2018 12:09

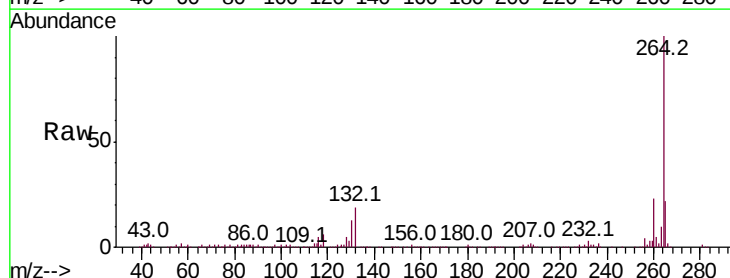
Tgt Ion:264 Resp: 268372

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.4 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

