

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109726.D
 Acq On : 10 Oct 2018 5:48
 Operator : JU/SJ
 Sample : J5318-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-220-6

Quant Time: Oct 10 08:29:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

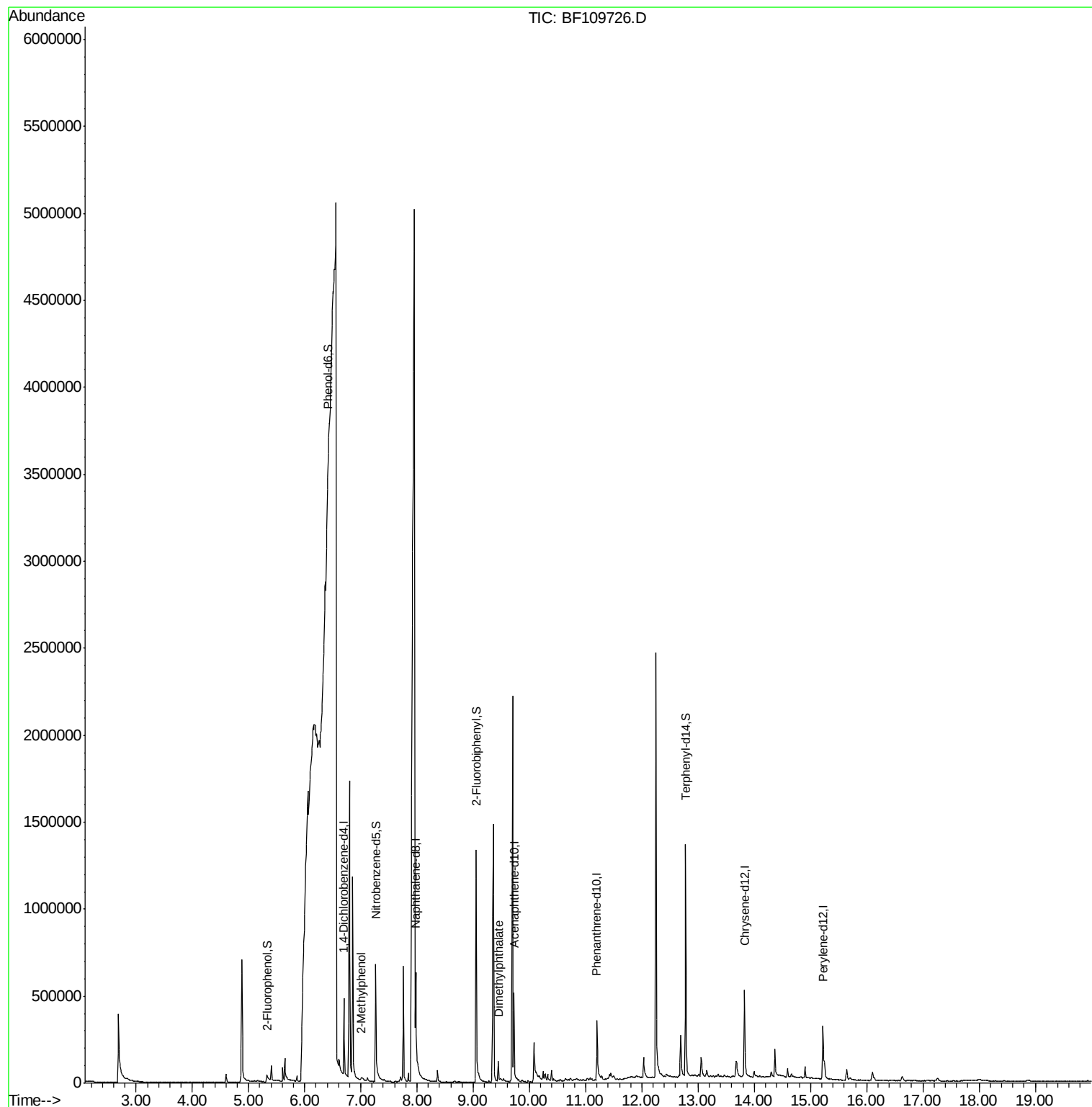
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	72720	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	268153	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	106463	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	188349	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210348	20.00	ng	0.00
86) Perylene-d12	15.22	264	173993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	43269	10.56	ng	0.00
7) Phenol-d6	6.42	99	202212	36.95	ng	0.06
23) Nitrobenzene-d5	7.26	82	305599	62.82	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1401	1.21	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	534069	69.09	ng	0.00
78) Terphenyl-d14	12.78	244	490533	45.14	ng	0.00
Target Compounds						
17) 2-Methylphenol	7.02	107	8465	2.125	ng	Qvalue # 81
49) Dimethylphthalate	9.45	163	58765	7.526	ng	99

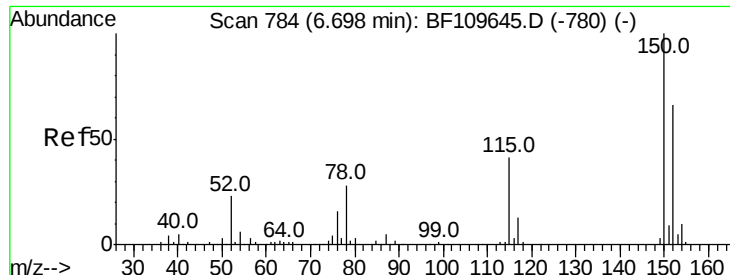
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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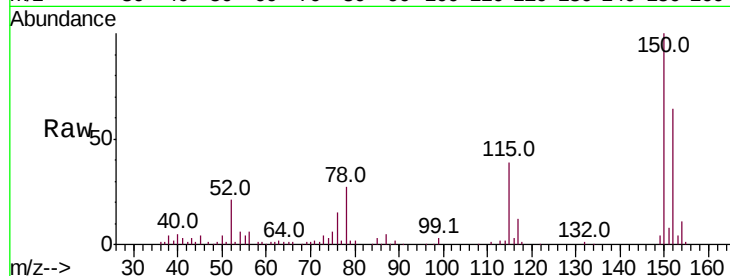


#1

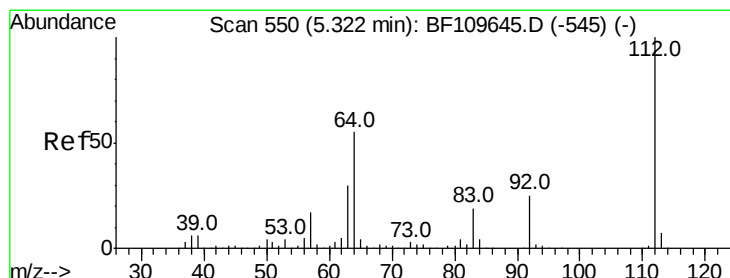
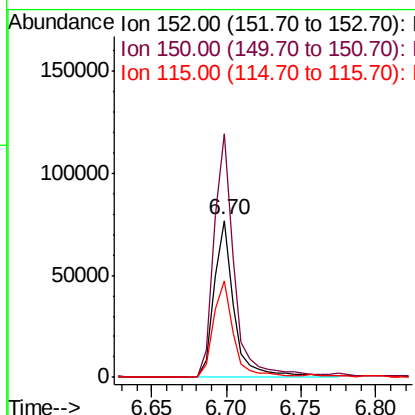
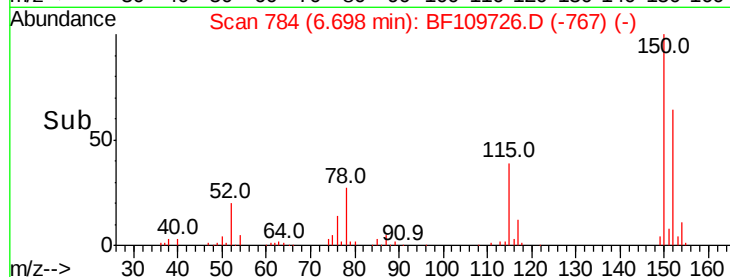
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109726.D
Acq: 10 Oct 2018 5:48

Instrument :
BNA_F
ClientSampleId :
CON-220-6

Tot Ion:152 Resp: 72720
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 61.1 49.1 73.7



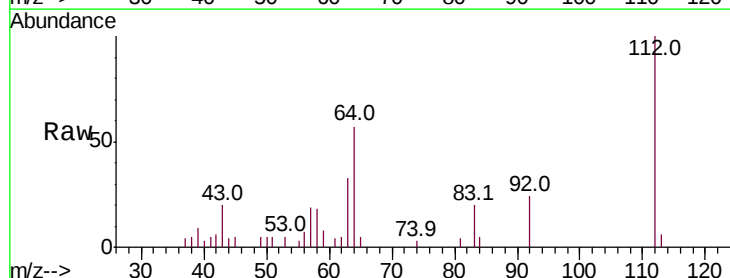
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



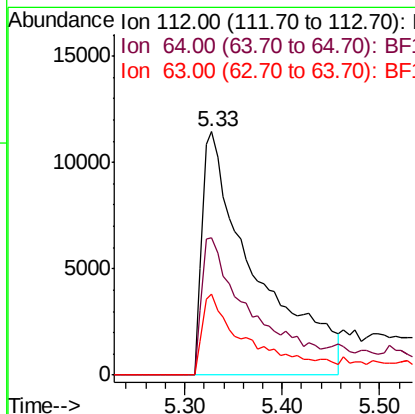
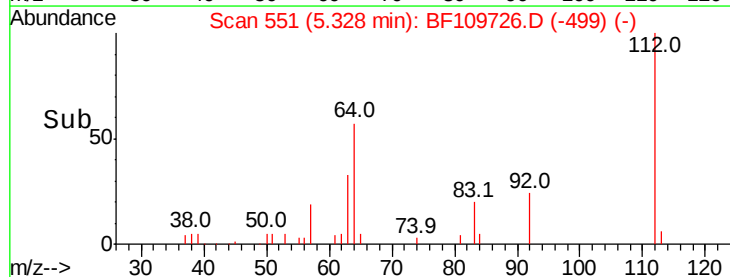
#5

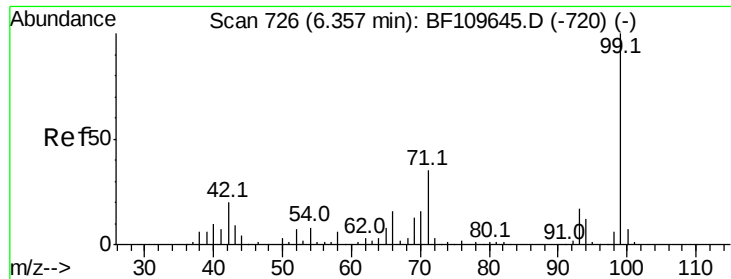
2-Fluorophenol
Concen: 10.562 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109726.D
Acq: 10 Oct 2018 5:48

Tgt Ion:112 Resp: 43269
Ion Ratio Lower Upper
112 100
64 56.5 44.1 66.1
63 33.0 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: 36.948 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.06 min

Lab File: BF109726.D

Acq: 10 Oct 2018 5:48

Instrument :

BNA_F

ClientSampled :

CON-220-6

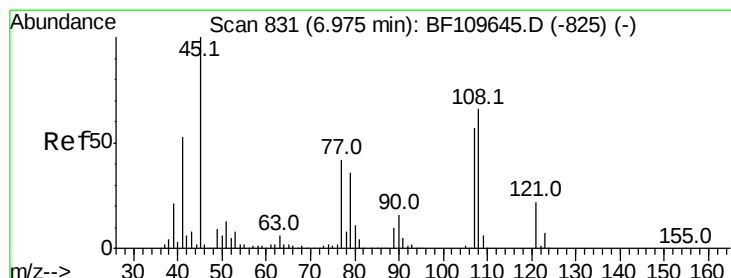
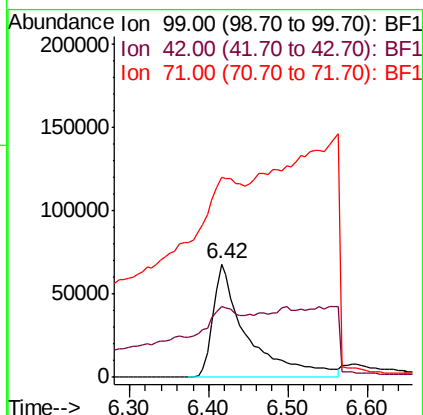
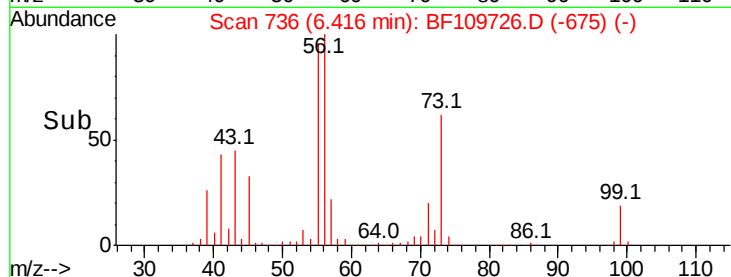
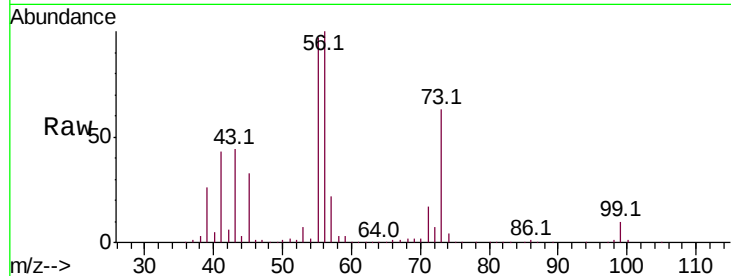
Tot Ion: 99 Resp: 202212

Ion Ratio Lower Upper

99 100

42 62.8 15.8 23.6#

71 176.8 28.0 42.0#



#17

2-Methylphenol

Concen: 2.125 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.04 min

Lab File: BF109726.D

Acq: 10 Oct 2018 5:48

Tgt Ion: 107 Resp: 8465

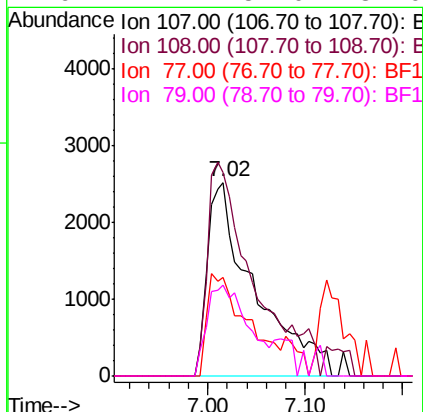
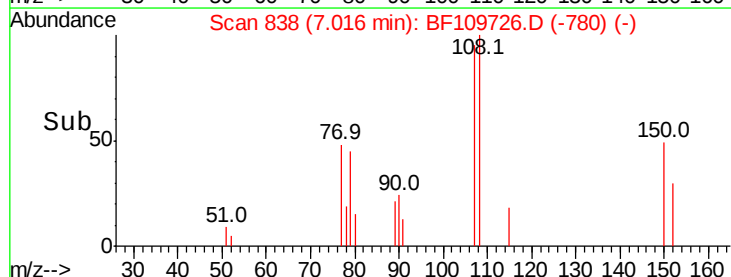
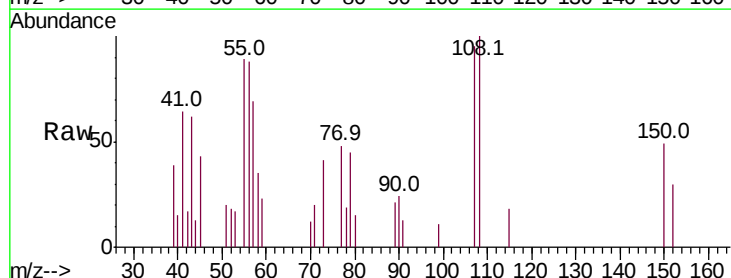
Ion Ratio Lower Upper

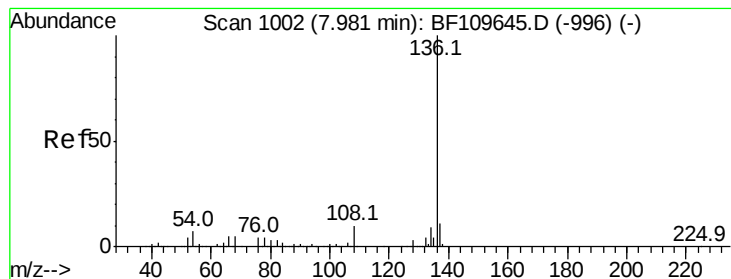
107 100

108 105.4 92.6 138.8

77 50.9 59.4 89.2#

79 47.2 54.0 81.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109726.D

Acq: 10 Oct 2018 5:48

Instrument :

BNA_F

ClientSampleId :

CON-220-6

Tot Ion:136 Resp: 268153

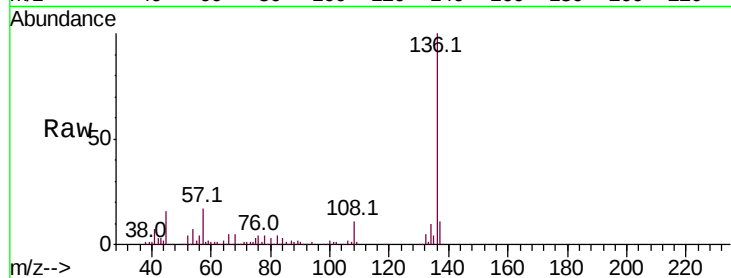
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.4 5.4 8.2

68 5.4 4.2 6.2

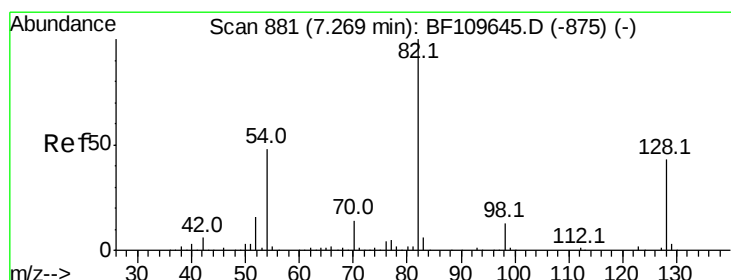
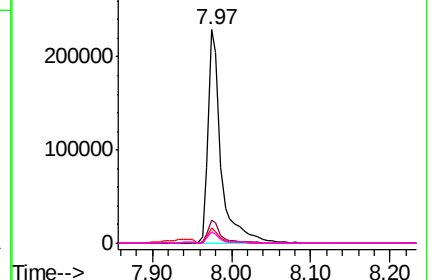
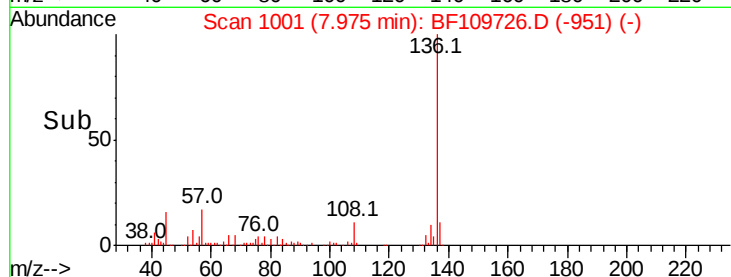


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.821 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109726.D

Acq: 10 Oct 2018 5:48

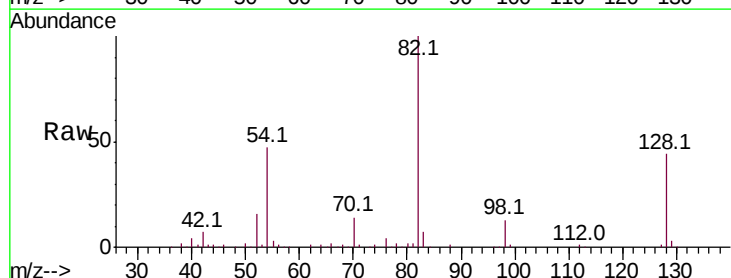
Tgt Ion: 82 Resp: 305599

Ion Ratio Lower Upper

82 100

128 43.6 34.2 51.2

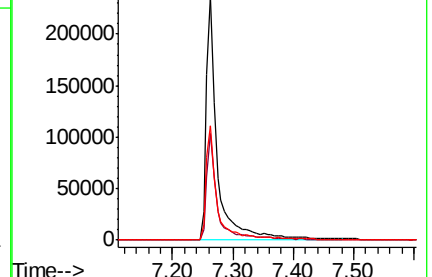
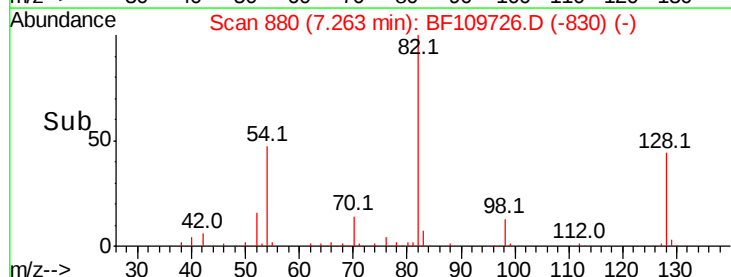
54 47.1 38.6 58.0

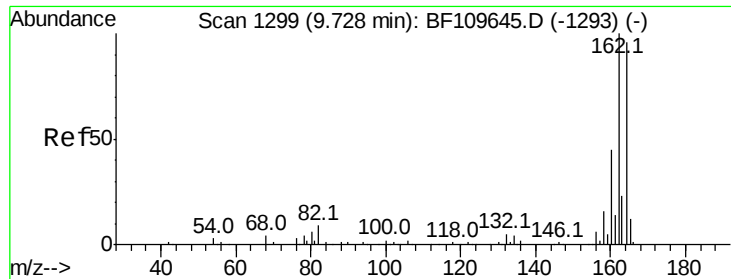


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

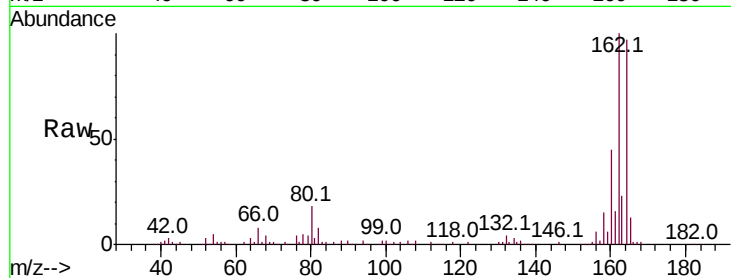




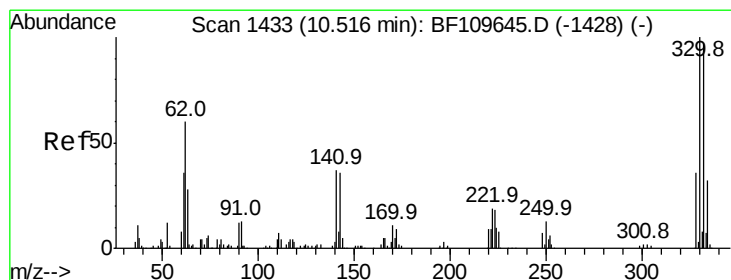
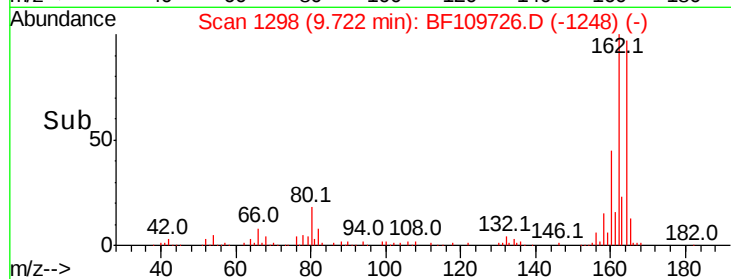
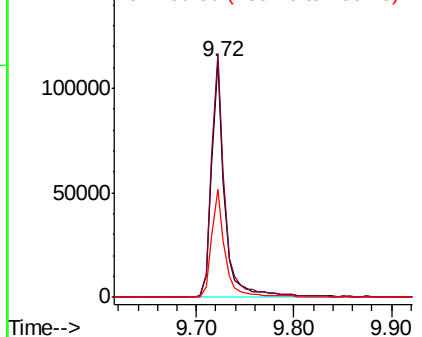
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109726.D
 Acq: 10 Oct 2018 5:48

Instrument :
 BNA_F
 ClientSampleId :
 CON-220-6

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.0	37.0	55.6

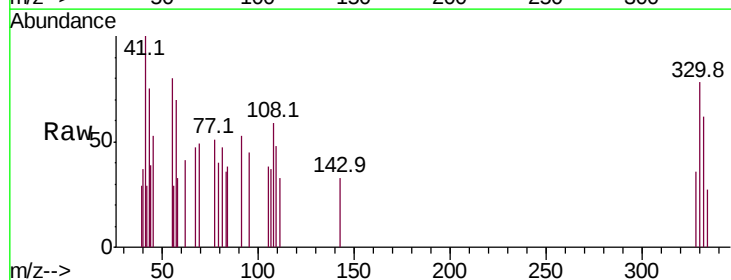


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

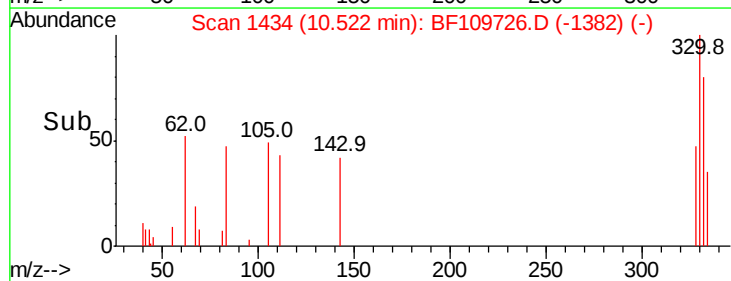
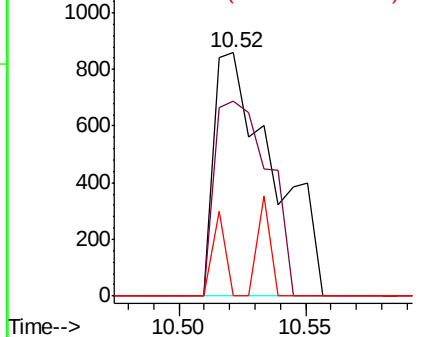


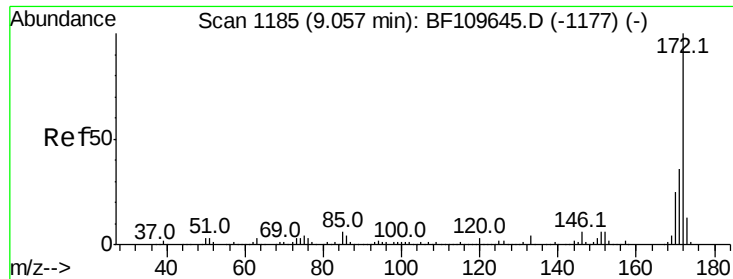
#41
 2,4,6-Tribromophenol
 Concen: 1.208 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF109726.D
 Acq: 10 Oct 2018 5:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	73.0	77.1	115.7#
141	7.6	27.0	40.4#



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

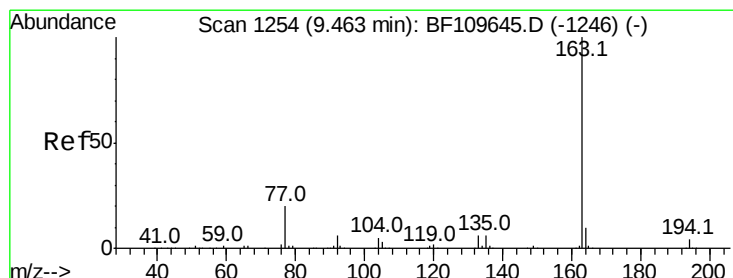
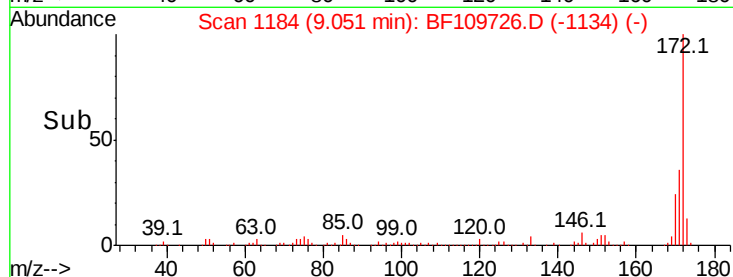
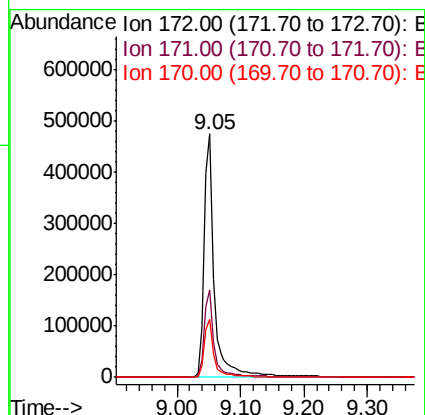
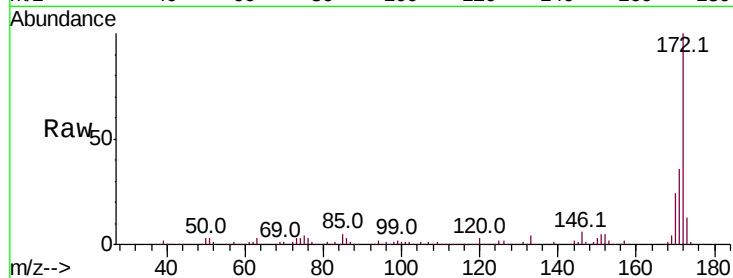




#44
2-Fluorobiphenyl
Concen: 69.090 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109726.D
Acq: 10 Oct 2018 5:48

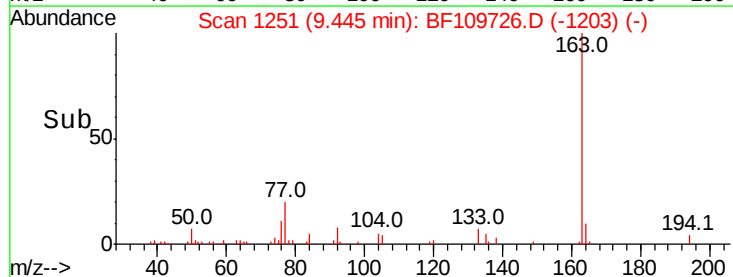
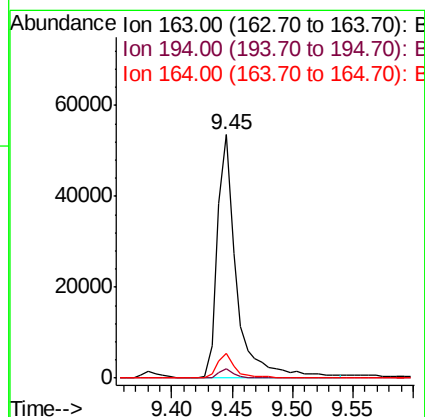
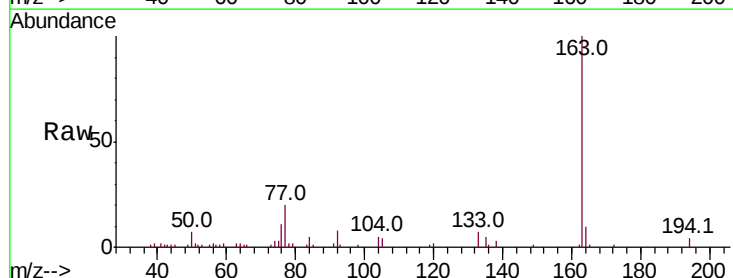
Instrument :
BNA_F
ClientSampleId :
CON-220-6

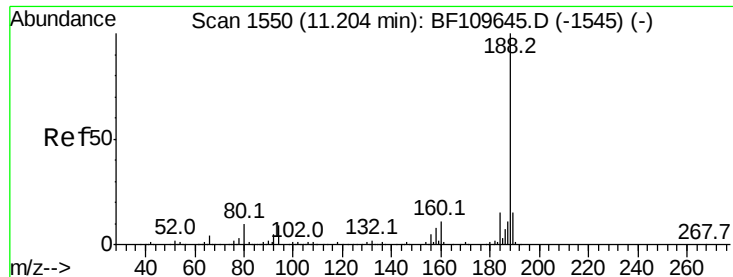
Tot Ion:172 Resp: 534069
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.0 19.7 29.5



#49
Dimethylphthalate
Concen: 7.526 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109726.D
Acq: 10 Oct 2018 5:48

Tgt Ion:163 Resp: 58765
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 8.1 12.1

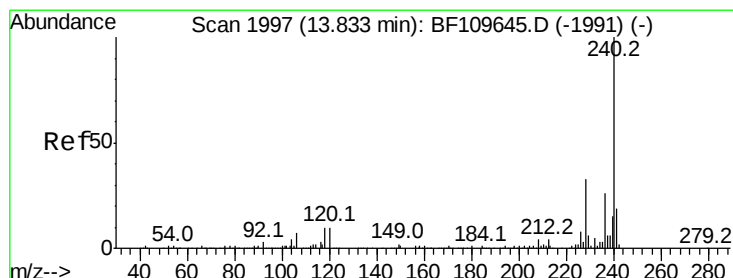
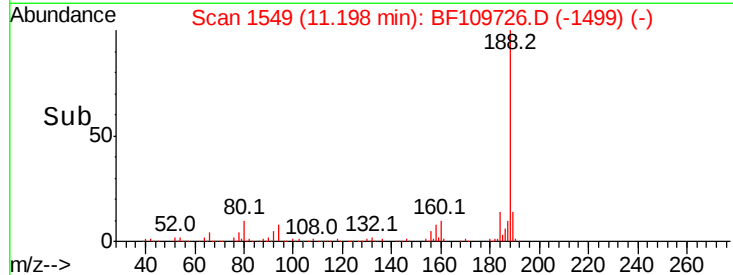
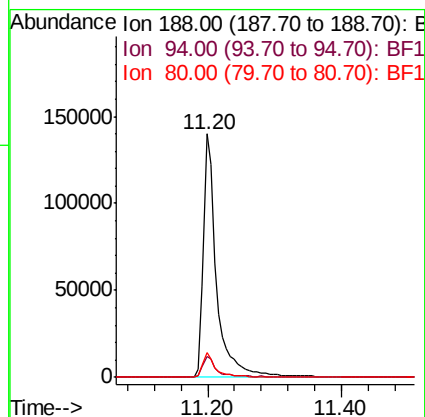
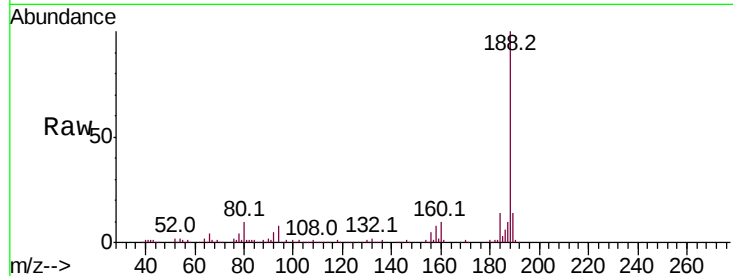




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109726.D
Acq: 10 Oct 2018 5:48

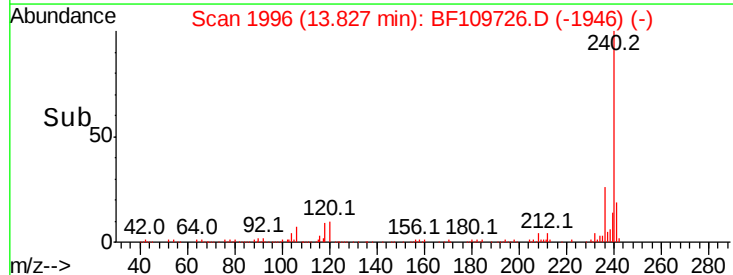
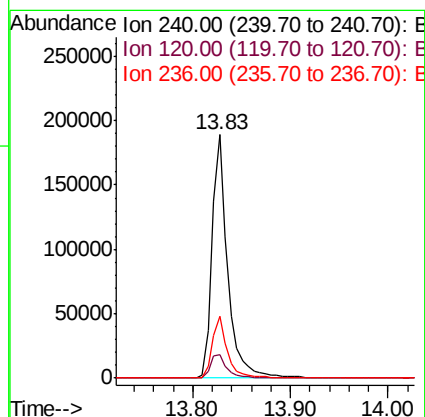
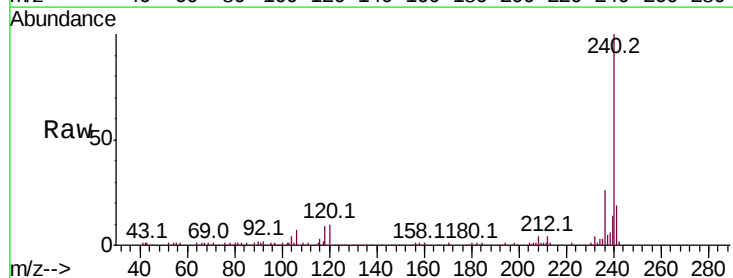
Instrument :
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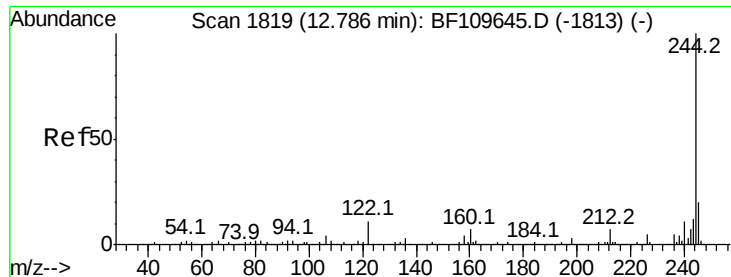
Tot Ion:188 Resp: 188349
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 10.0 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109726.D
Acq: 10 Oct 2018 5:48

Tgt Ion:240 Resp: 210348
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 25.6 21.2 31.8





#78

Terphenyl-d14

Concen: 45.144 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109726.D

Acq: 10 Oct 2018 5:48

Instrument :

BNA_F

ClientSampleId :

CON-220-6

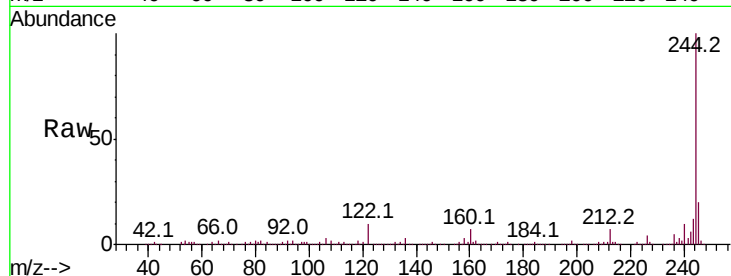
Tot Ion:244 Resp: 490533

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

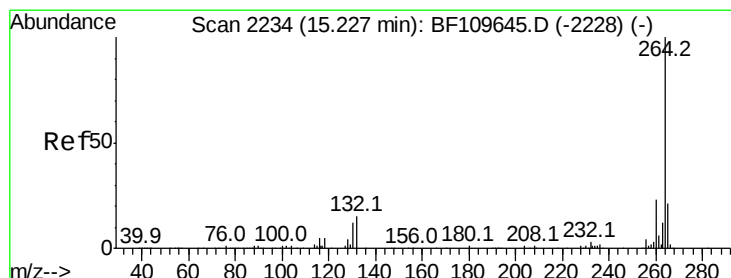
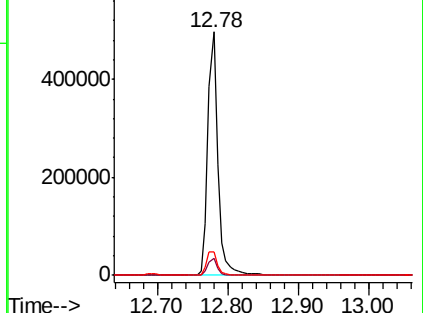
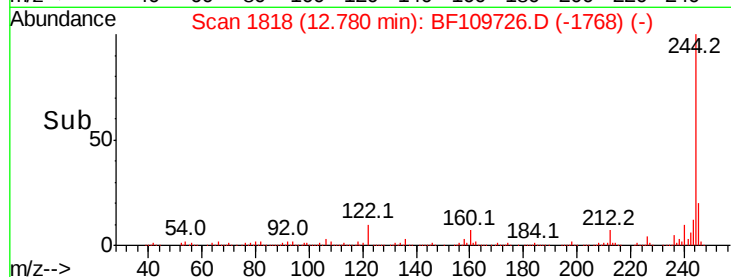
122 9.8 8.7 13.1



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: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109726.D

Acq: 10 Oct 2018 5:48

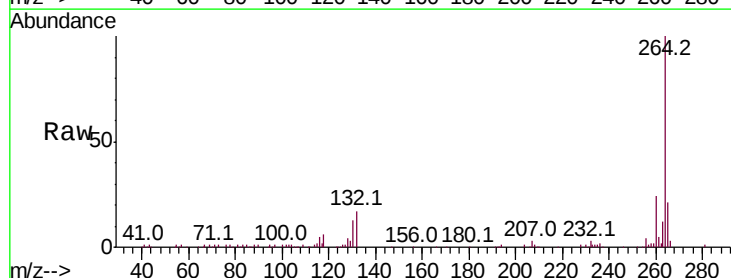
Tgt Ion:264 Resp: 173993

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 20.8 16.7 25.1



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

