

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109620.D
 Acq On : 5 Oct 2018 20:35
 Operator : JU/SJ
 Sample : J5179-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-GRAVEL

Quant Time: Oct 06 06:39:30 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

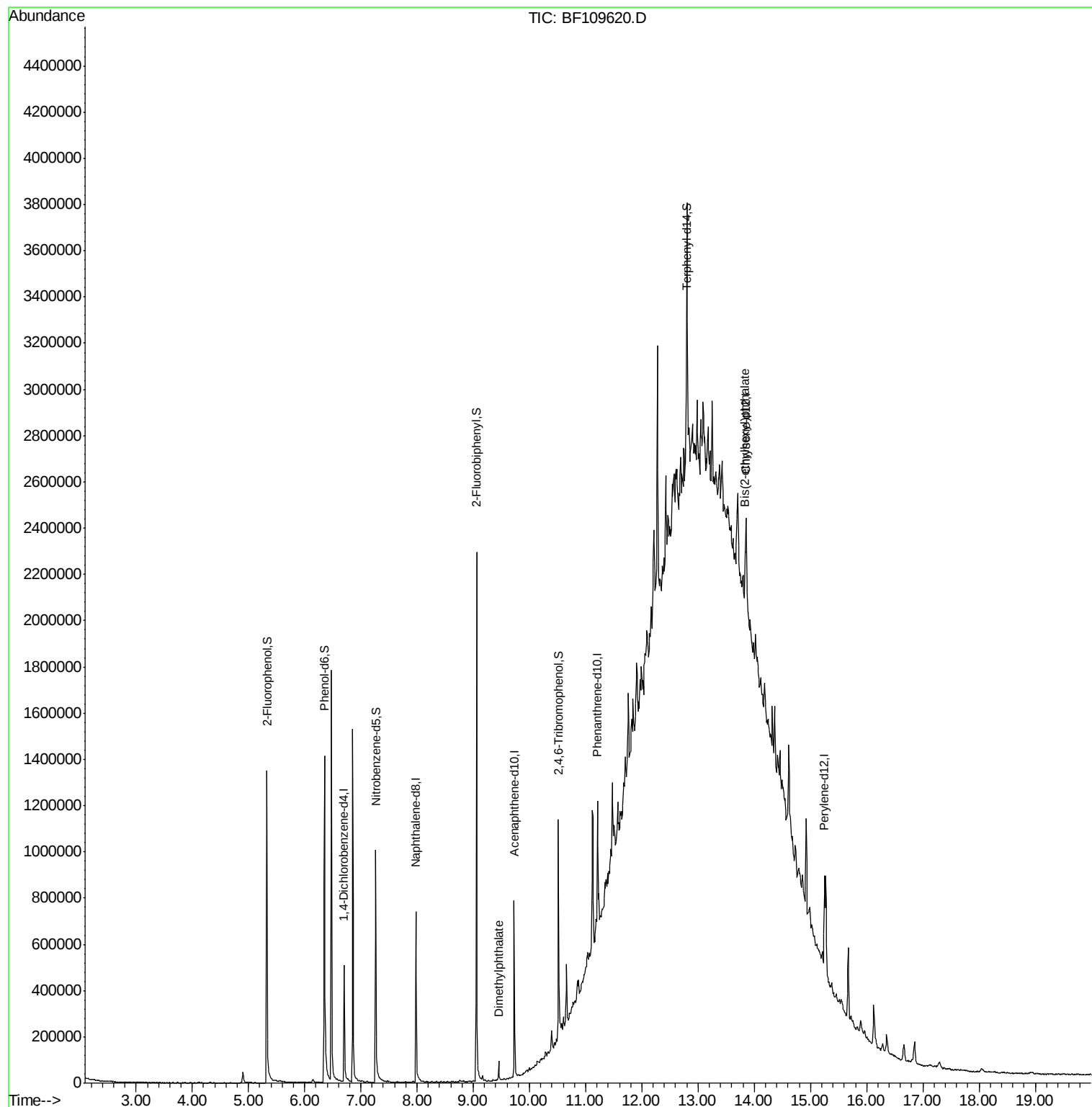
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	96042	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	375794	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	160858	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	231791	20.00	ng	0.00
75) Chrysene-d12	13.85	240	170227	20.00	ng	0.00
86) Perylene-d12	15.25	264	200006	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	460042	78.90	ng	0.01
7) Phenol-d6	6.35	99	622469	83.66	ng	0.00
23) Nitrobenzene-d5	7.26	82	398468	62.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	129736	81.81	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	722767	67.77	ng	-0.02
78) Terphenyl-d14	12.80	244	408140	58.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	34076	2.913	ng	# 99
83) Bis(2-ethylhexyl)phthalate	13.84	149	84773	12.951	ng	# 100

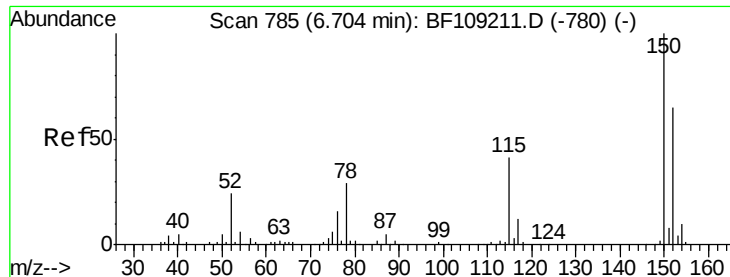
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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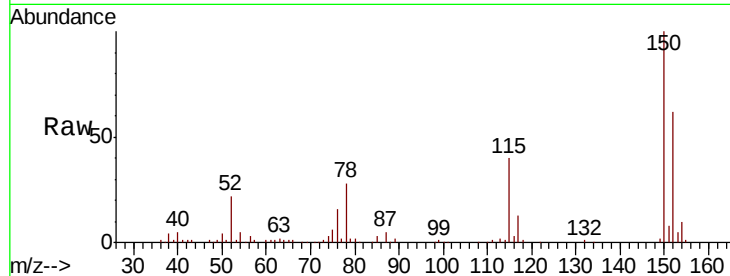


#1

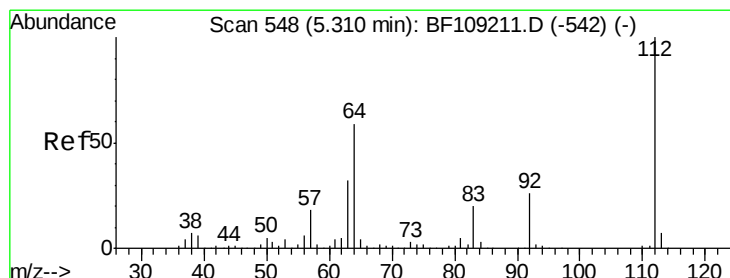
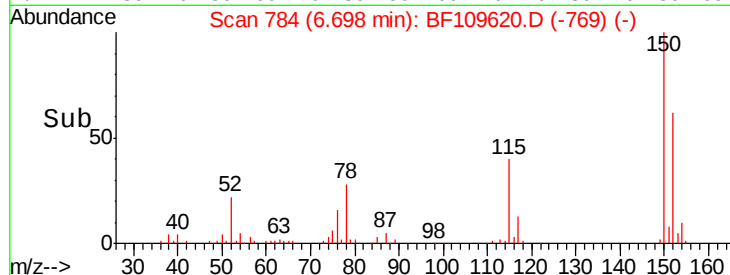
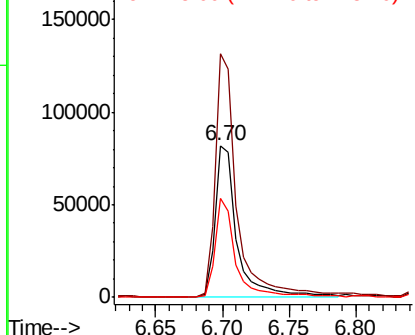
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109620.D
Acq: 5 Oct 2018 20:35

Instrument :
BNA_F
ClientSampleId :
T1-GRAVEL

Tot Ion:152 Resp: 96042
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 65.1 50.1 75.1



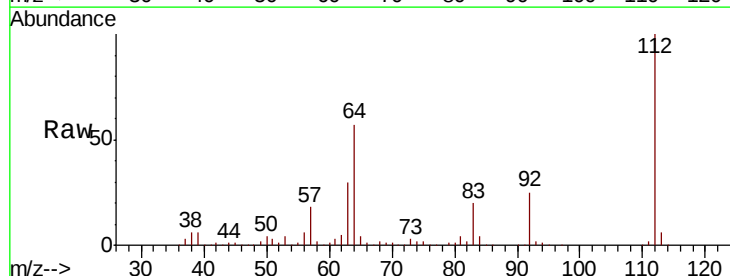
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



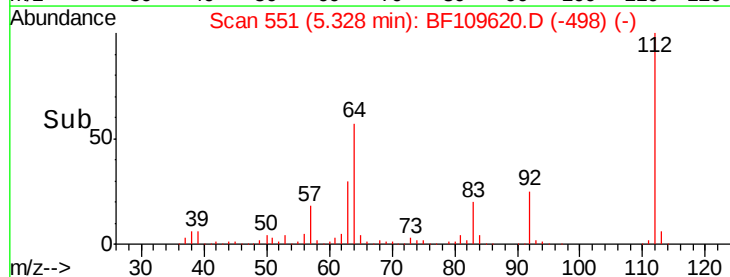
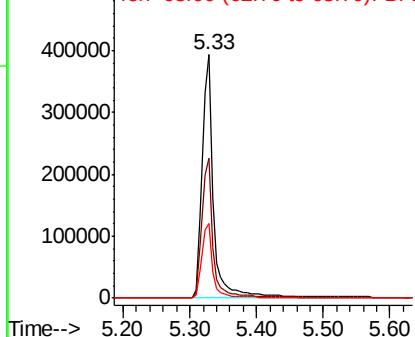
#5

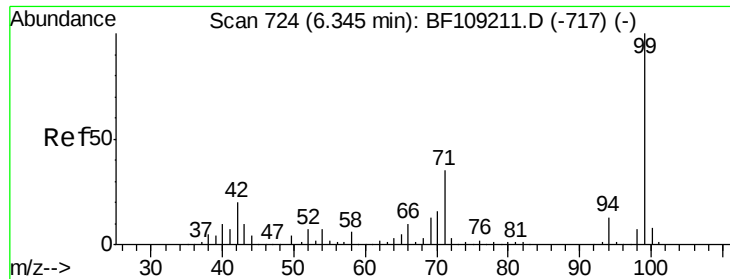
2-Fluorophenol
Concen: 78.895 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109620.D
Acq: 5 Oct 2018 20:35

Tgt Ion:112 Resp: 460042
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 30.5 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: 83.658 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

Instrument :

BNA_F

ClientSampleId :

T1-GRAVEL

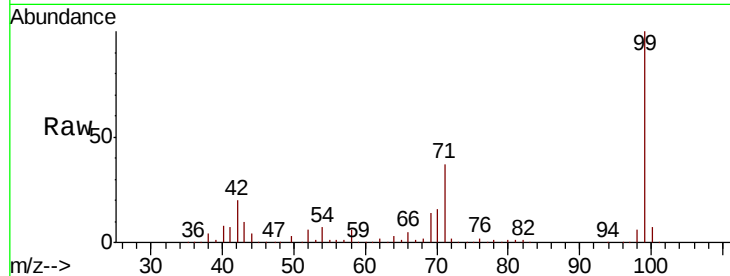
Tot Ion: 99 Resp: 622469

Ion Ratio Lower Upper

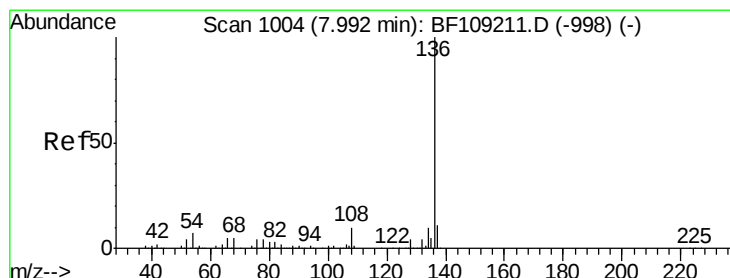
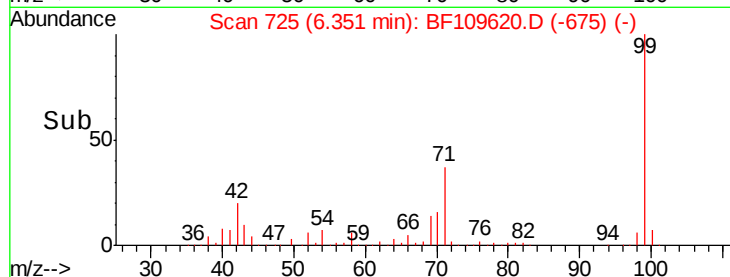
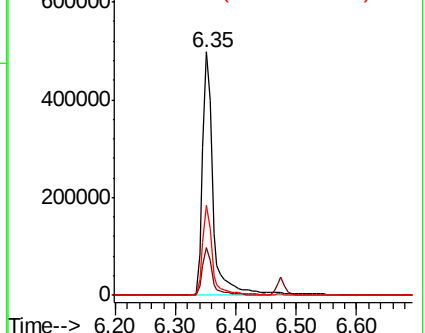
99 100

42 19.8 14.5 21.7

71 36.7 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

Tgt Ion: 136 Resp: 375794

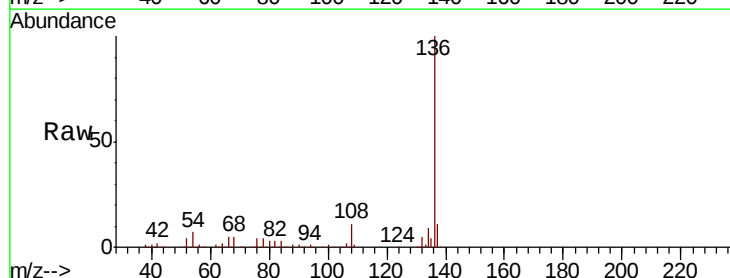
Ion Ratio Lower Upper

136 100

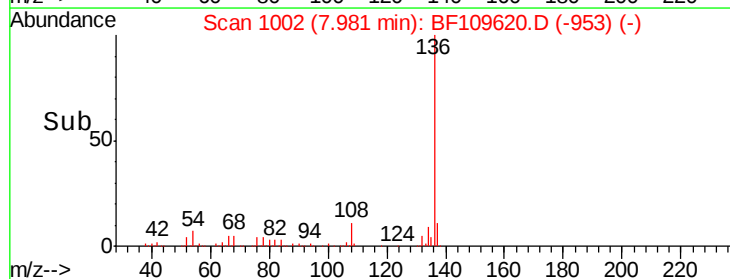
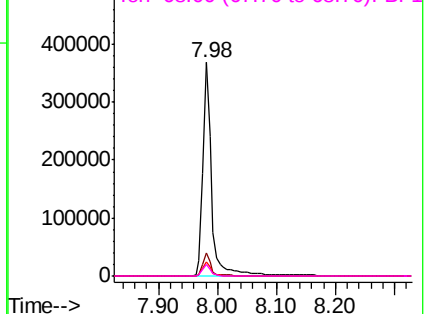
137 10.6 8.9 13.3

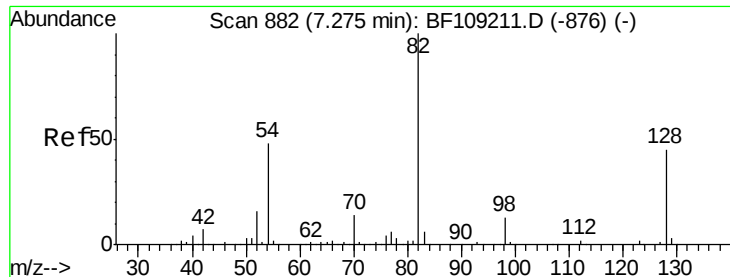
54 6.9 6.6 9.8

68 5.3 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

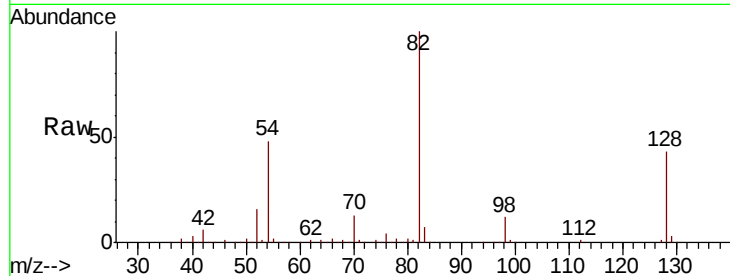




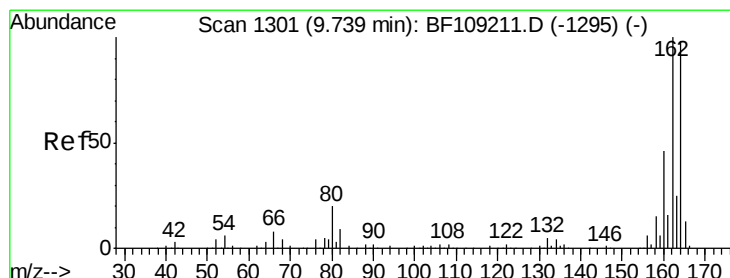
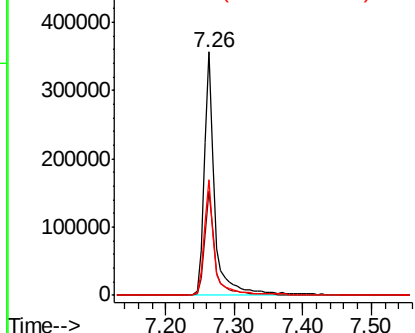
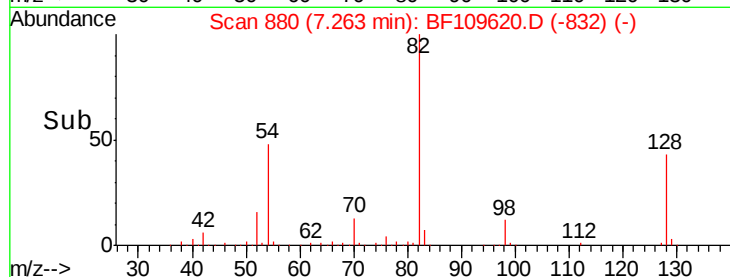
#23
 Nitrobenzene-d5
 Concen: 62.593 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109620.D
 Acq: 5 Oct 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 T1-GRAVEL

Tot Ion	82	Resp	398468
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	47.6	41.4	62.2

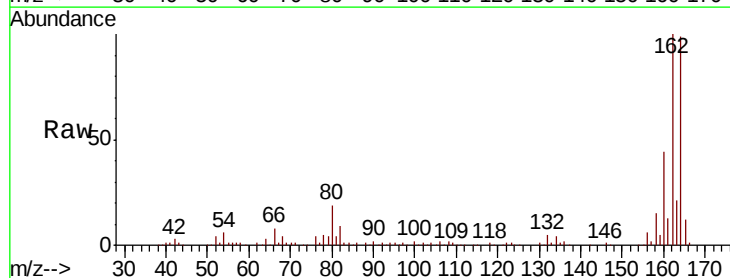


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

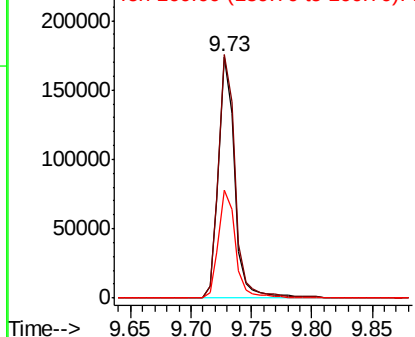
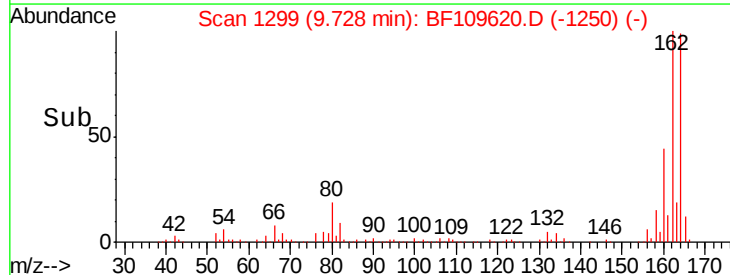


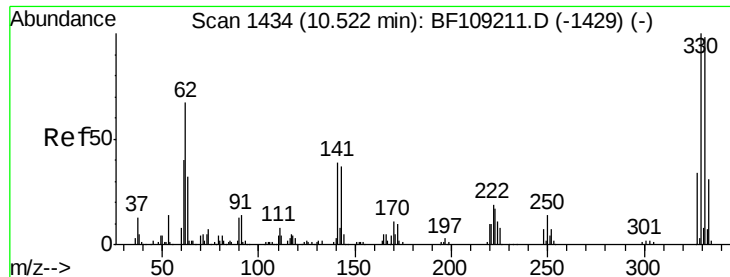
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109620.D
 Acq: 5 Oct 2018 20:35

Tgt Ion	164	Resp	160858
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>86.1</td> <td></td> <td></td>	86.1		
Upper <td>129.1</td> <td></td> <td></td>	129.1		
162	100.8	38.3	57.5
160	44.6		



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

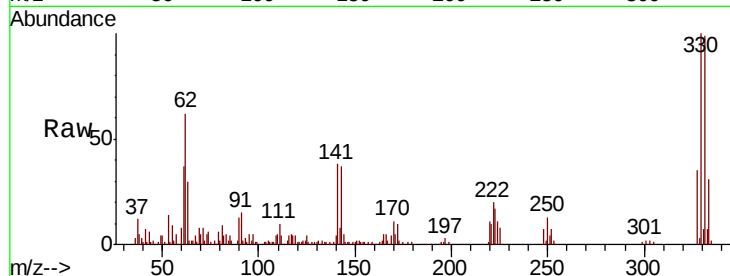




#41
 2,4,6-Tribromophenol
 Concen: 81.815 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109620.D
 Acq: 5 Oct 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 T1-GRAVEL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.2	29.9	44.9

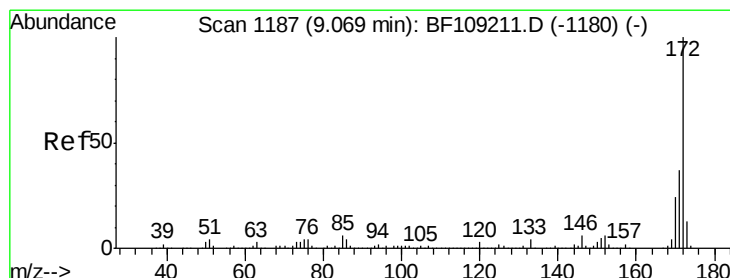
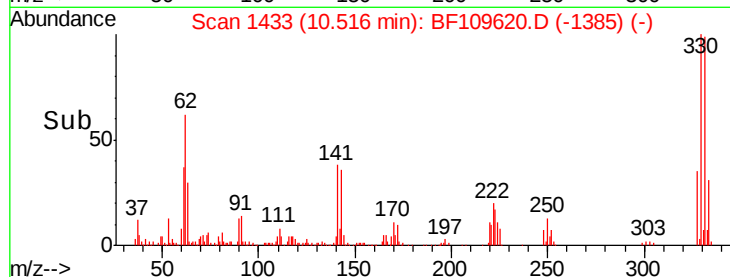
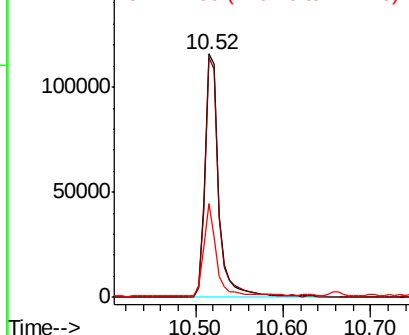


Abundance

Ion 329.80 (329.50 to 330.50): E

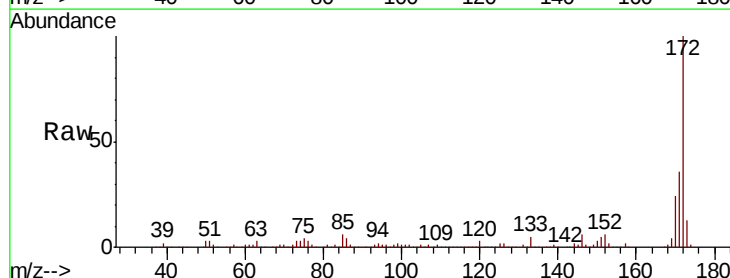
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.766 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109620.D
 Acq: 5 Oct 2018 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4

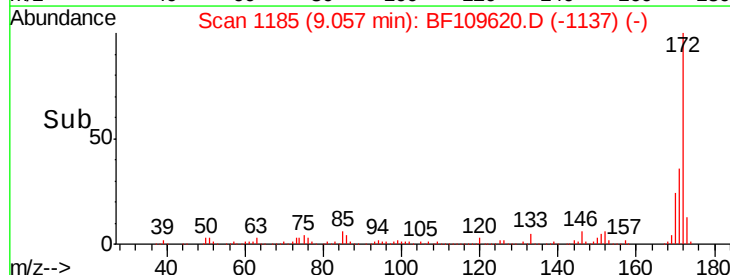
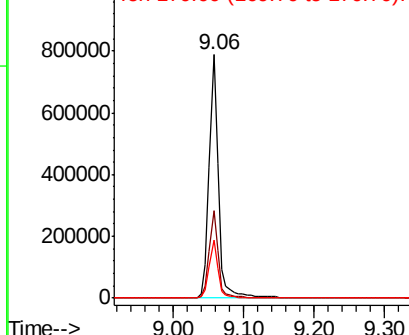


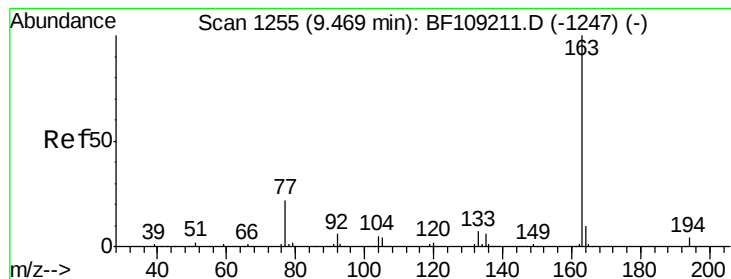
Abundance

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





#49

Dimethylphthalate

Concen: 2.913 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.03 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

Instrument :

BNA_F

ClientSampleId :

T1-GRAVEL

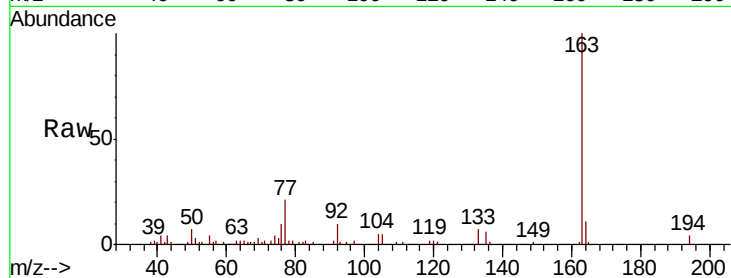
Tot Ion:163 Resp: 34076

Ion Ratio Lower Upper

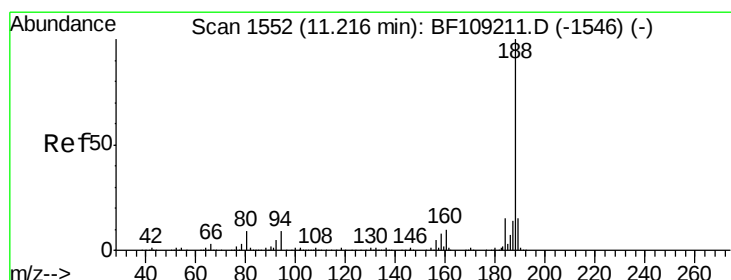
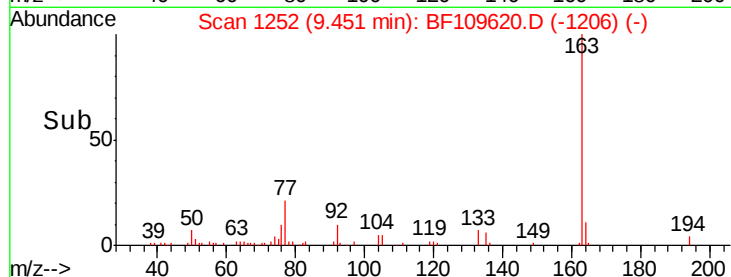
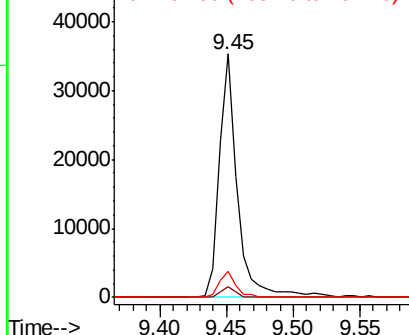
163 100

194 4.5 2.7 4.1#

164 10.5 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: BF109620.D

Acq: 5 Oct 2018 20:35

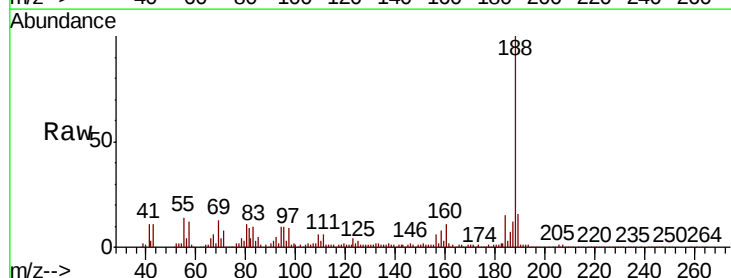
Tgt Ion:188 Resp: 231791

Ion Ratio Lower Upper

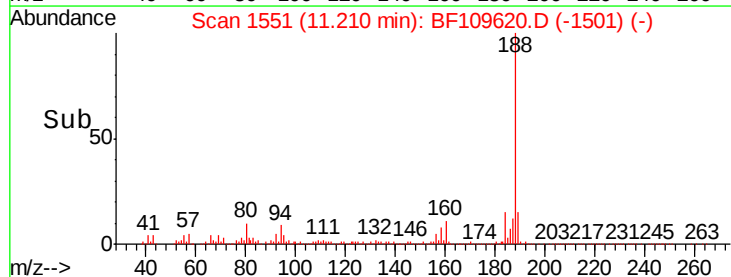
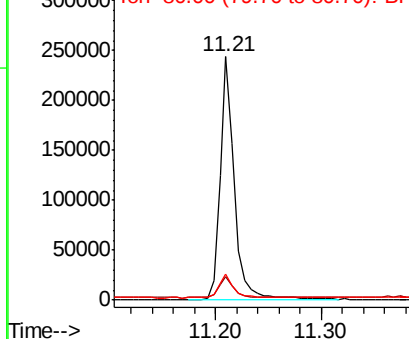
188 100

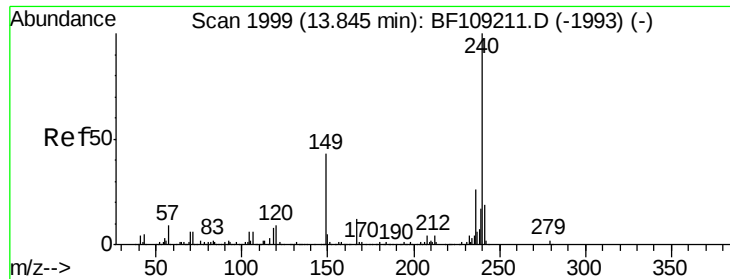
94 9.8 8.5 12.7

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: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

Instrument :

BNA_F

ClientSampleId :

T1-GRAVEL

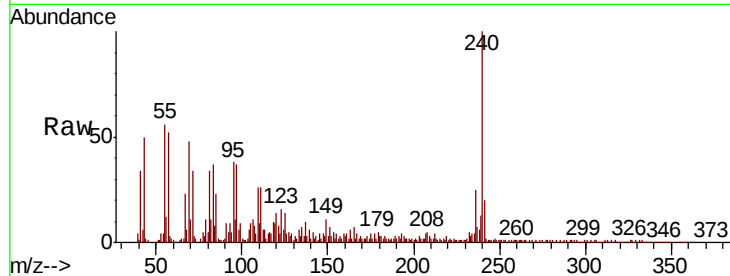
Tot Ion:240 Resp: 170227

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

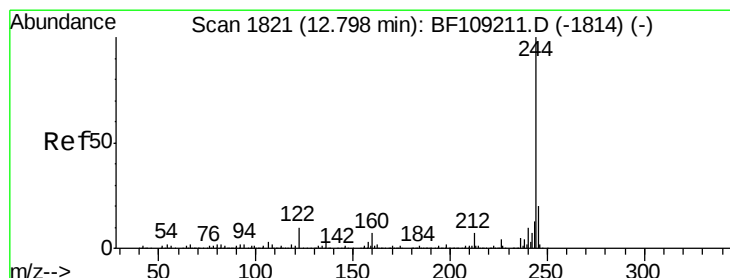
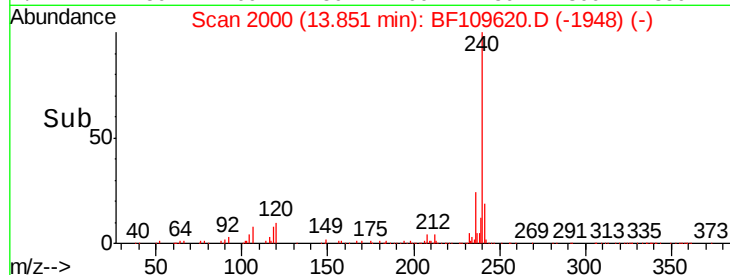
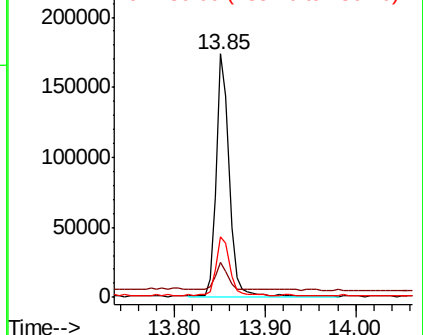
236 24.7 20.7 31.1



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: 58.842 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

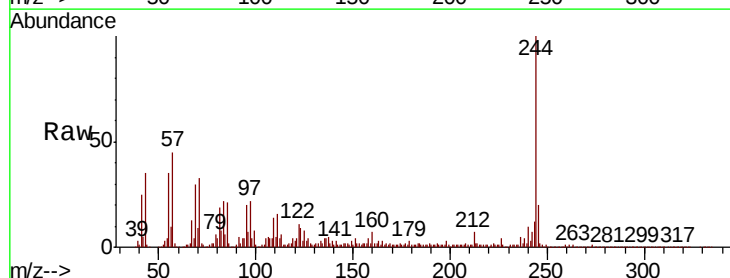
Tgt Ion:244 Resp: 408140

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

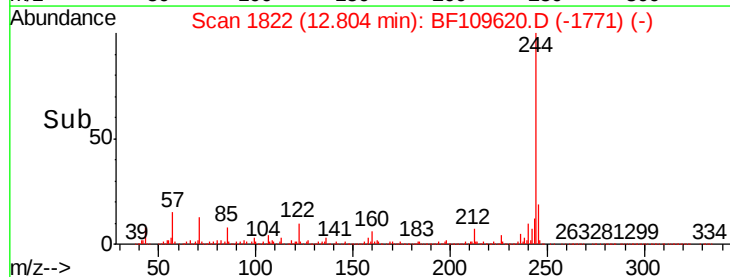
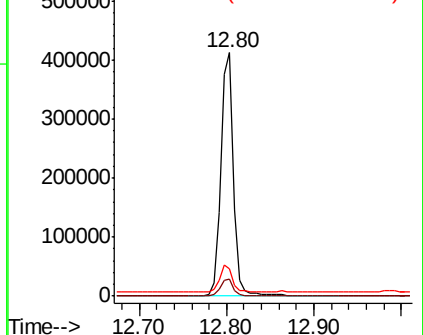
122 11.1 11.0 16.4

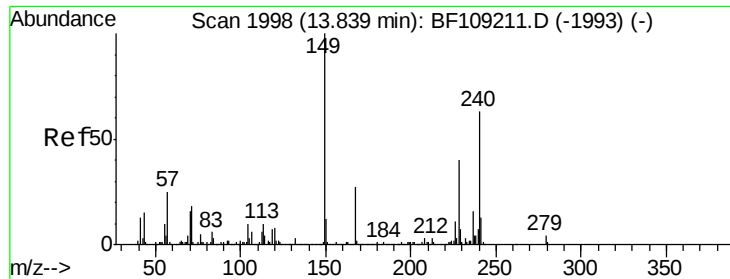


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 12.951 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

Instrument :

BNA_F

ClientSampleId :

T1-GRAVEL

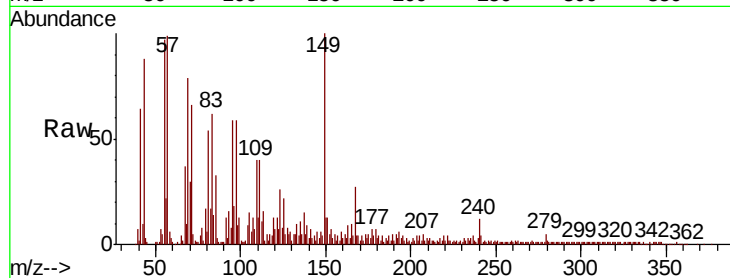
Tot Ion:149 Resp: 84773

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

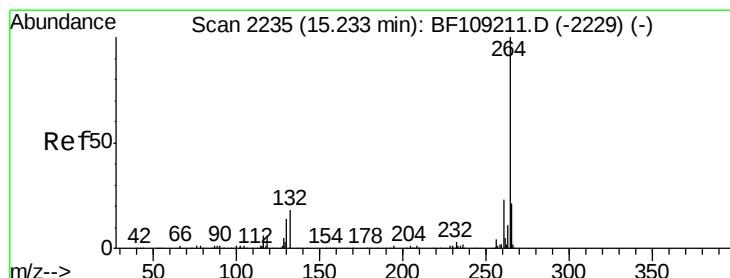
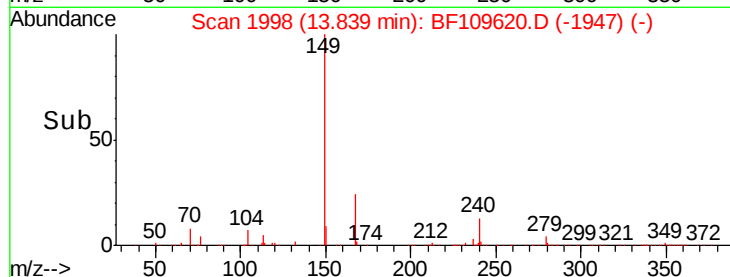
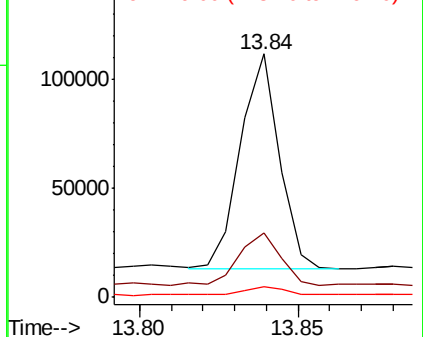
279 4.5 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BF109620.D

Acq: 5 Oct 2018 20:35

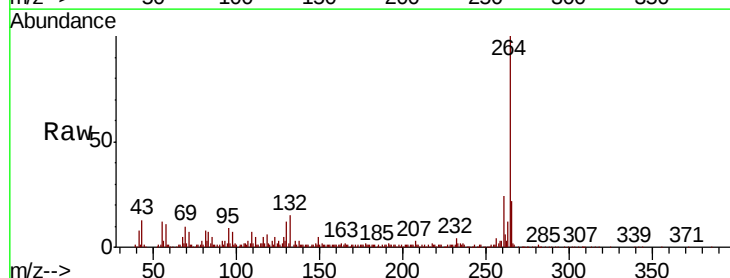
Tgt Ion:264 Resp: 200006

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 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

