

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109904.D
 Acq On : 16 Oct 2018 14:46
 Operator : JU/SJ
 Sample : J5526-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-4B-C-101518-1

Quant Time: Oct 16 16:35:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

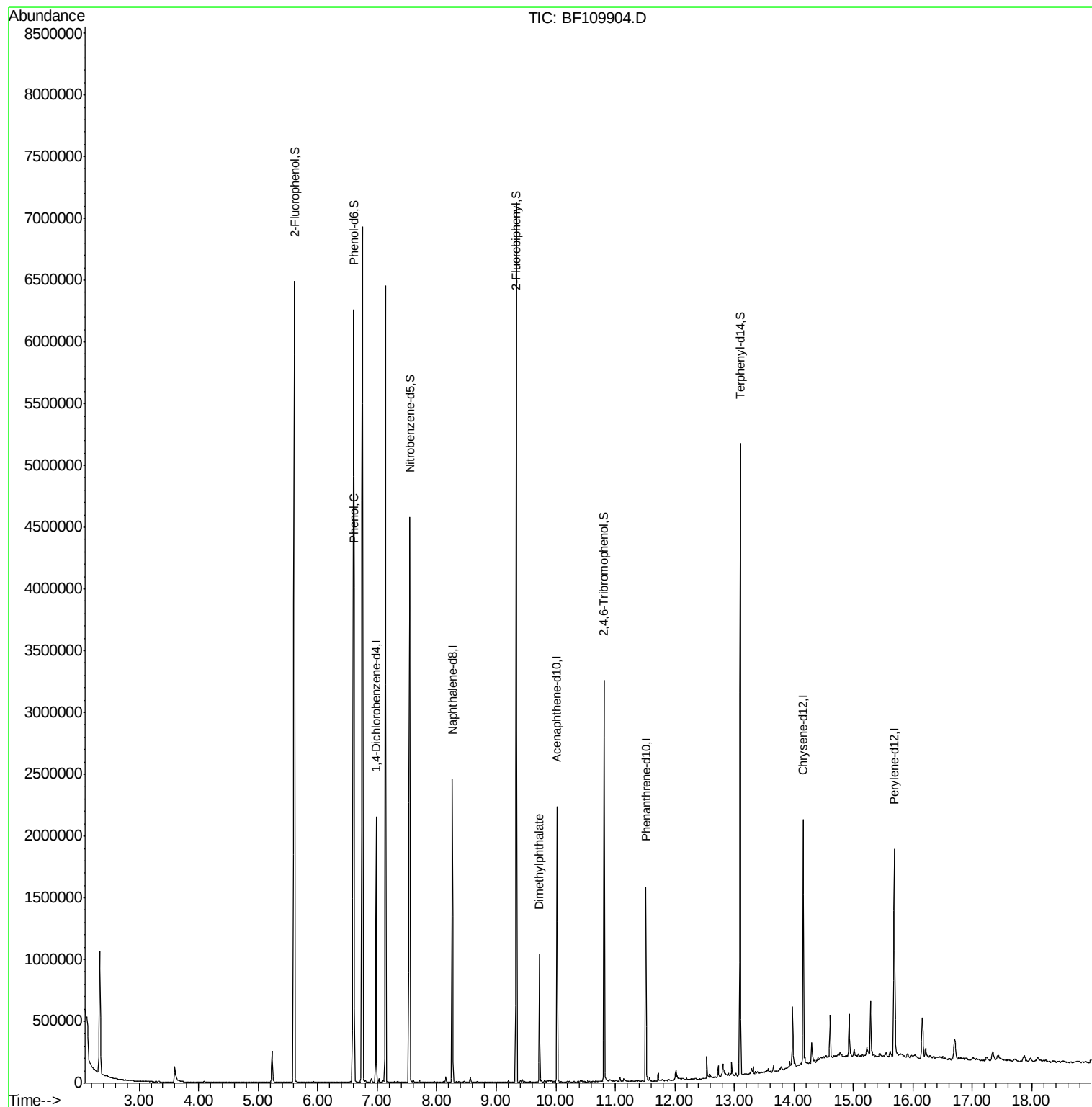
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	273535	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1006877	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	396667	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	574758	20.00	ng	0.00
76) Chrysene-d12	14.16	240	606005	20.00	ng	0.00
87) Perylene-d12	15.69	264	656234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1993350	115.51	ng	0.01
7) Phenol-d6	6.60	99	2514066	117.33	ng	0.00
23) Nitrobenzene-d5	7.55	82	1555922	104.10	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	377281	109.86	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2263310	91.05	ng	0.00
79) Terphenyl-d14	13.10	244	1685674	58.41	ng	0.00
Target Compounds						
10) Phenol	6.62	94	111220	4.807	ng	Qvalue # 58
50) Dimethylphthalate	9.73	163	366453	13.047	ng	99

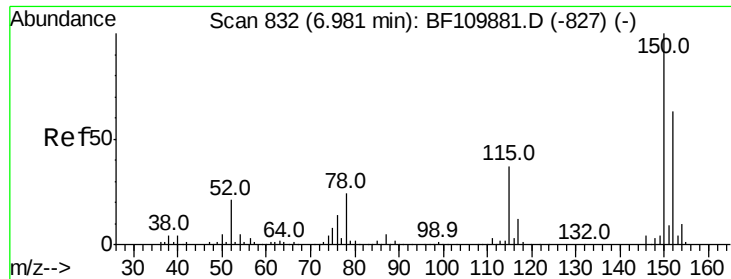
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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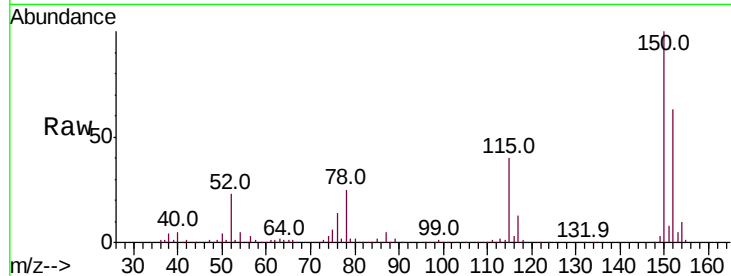


#1

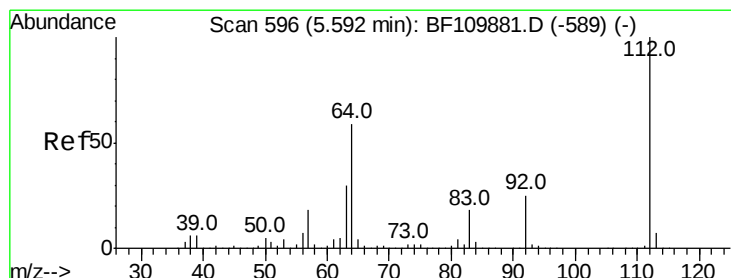
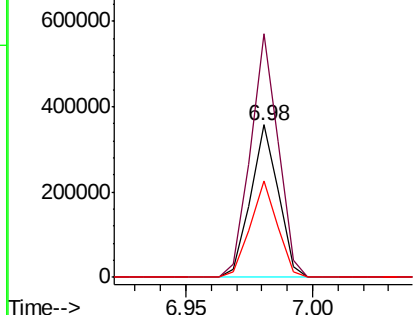
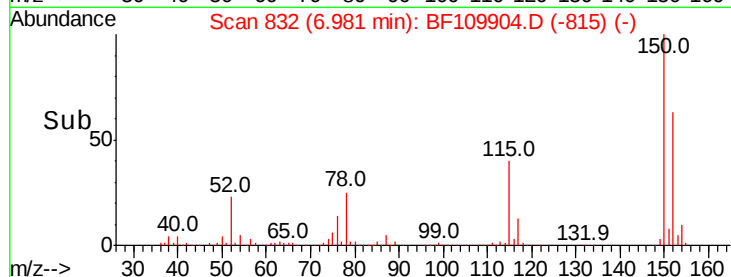
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109904.D
Acq: 16 Oct 2018 14:46

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-1

Tot Ion:152 Resp: 273535
Ion Ratio Lower Upper
152 100
150 159.7 122.7 184.1
115 63.3 49.1 73.7



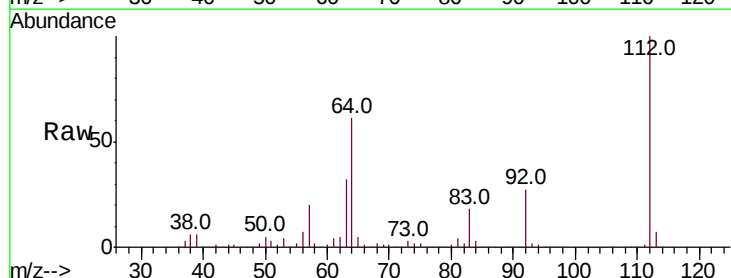
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



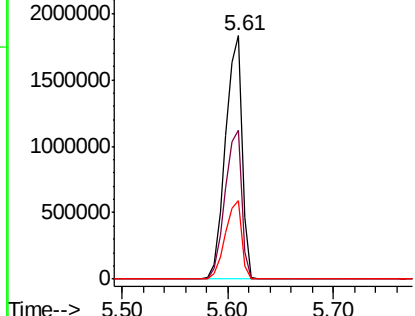
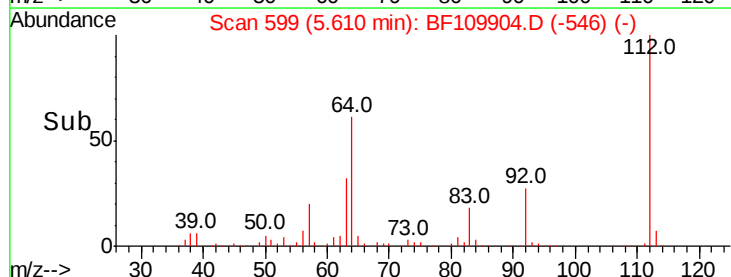
#5

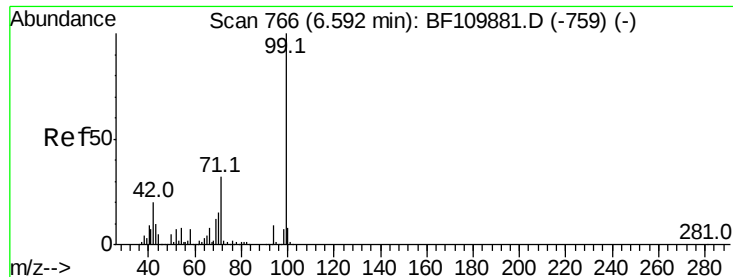
2-Fluorophenol
Concen: 115.515 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.01 min
Lab File: BF109904.D
Acq: 16 Oct 2018 14:46

Tgt Ion:112 Resp: 1993350
Ion Ratio Lower Upper
112 100
64 61.2 44.1 66.1
63 32.2 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: 117.328 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

Instrument :

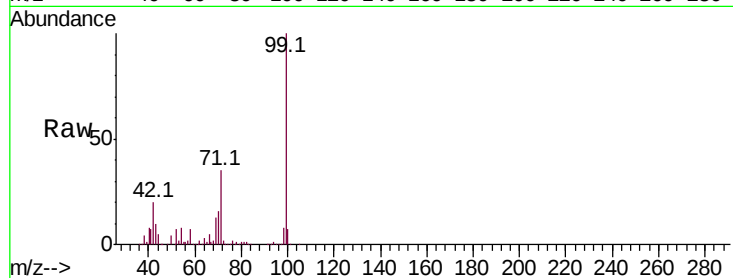
BNA_F

ClientSampleId :

SUP-4B-C-101518-1

Tot Ion: 99 Resp: 2514066

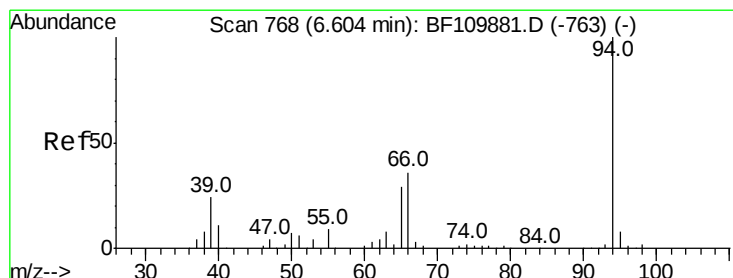
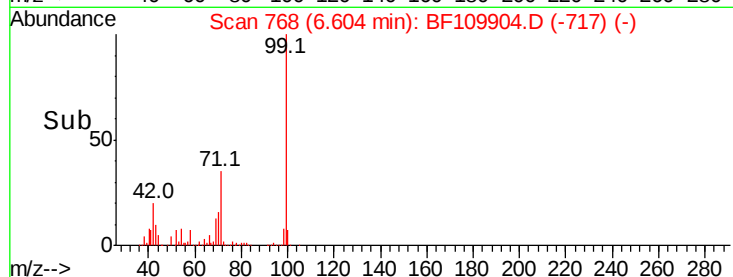
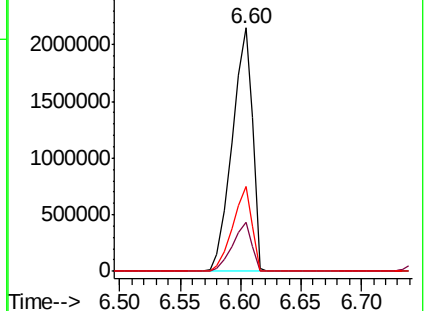
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	34.7	28.0	42.0



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: 4.807 ng

RT: 6.62 min Scan# 770

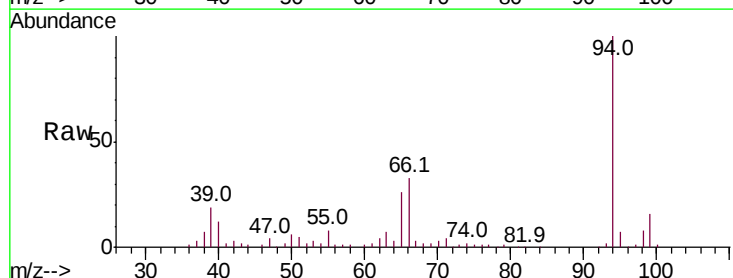
Delta R.T. -0.00 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

Tgt Ion: 94 Resp: 111220

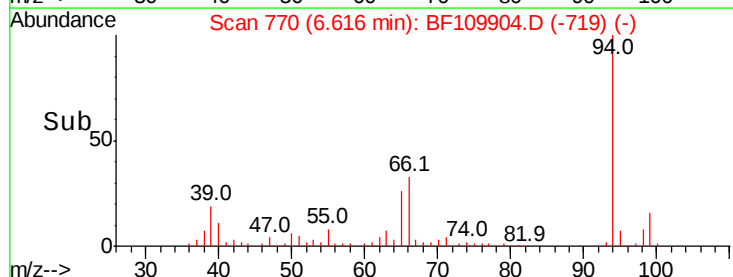
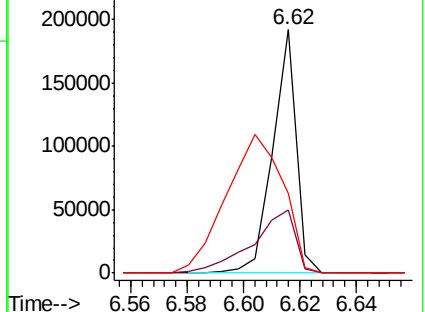
Ion	Ratio	Lower	Upper
94	100		
65	25.8	25.3	65.3
66	32.7	54.5	94.5#

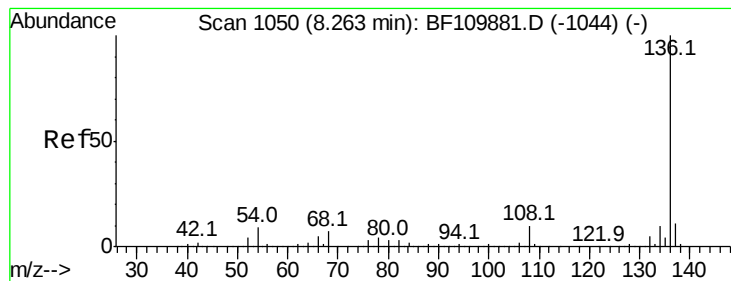


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

Instrument :

BNA_F

ClientSampleId :

SUP-4B-C-101518-1

Tot Ion:136 Resp: 1006877

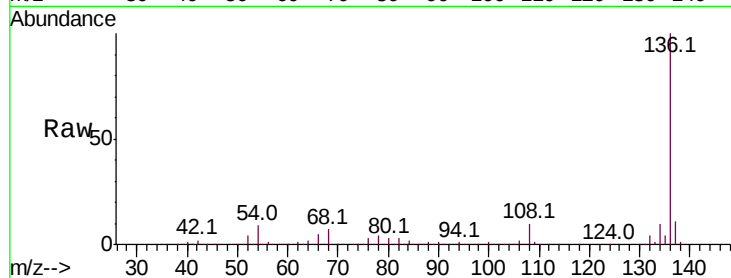
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.7 5.4 8.2#

68 6.6 4.2 6.2#

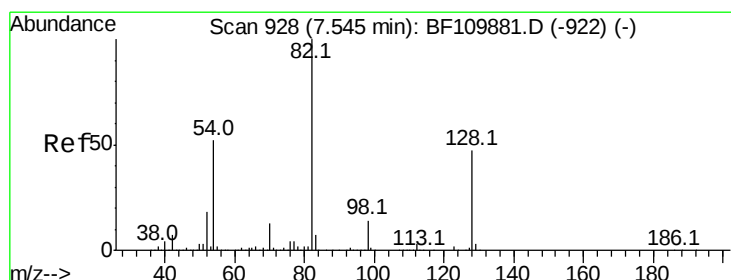
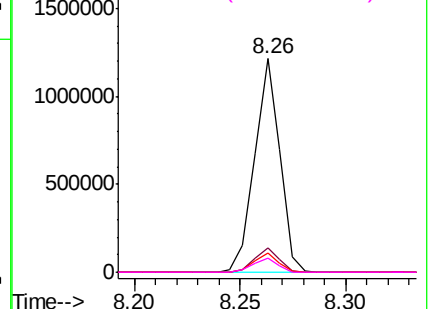
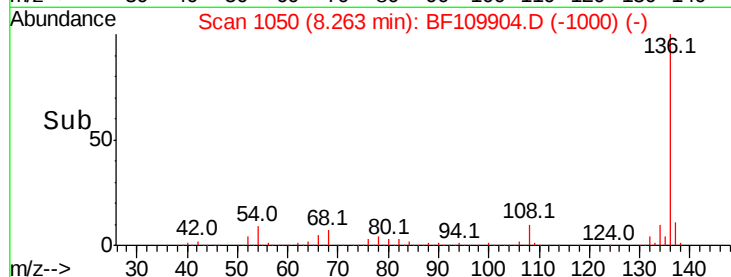


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.097 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

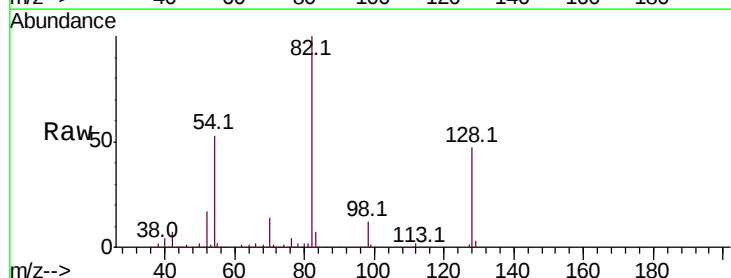
Tgt Ion: 82 Resp: 1555922

Ion Ratio Lower Upper

82 100

128 47.3 34.2 51.2

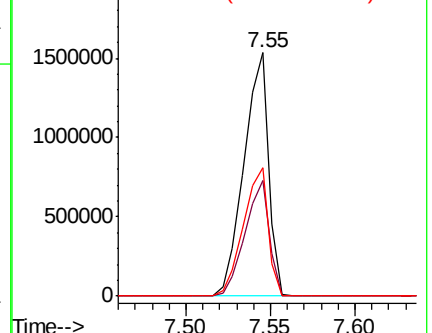
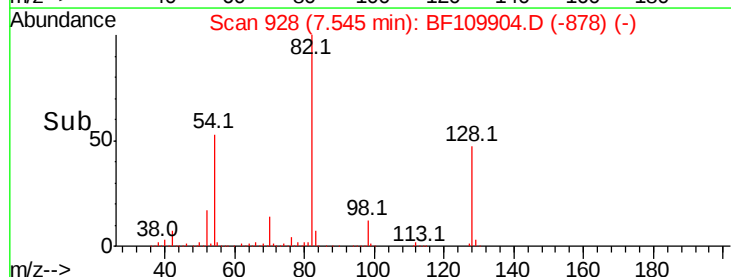
54 52.8 38.6 58.0

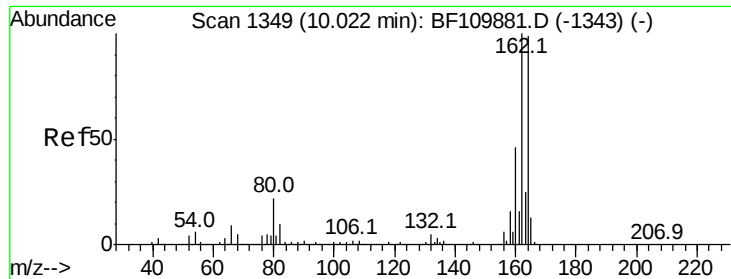


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

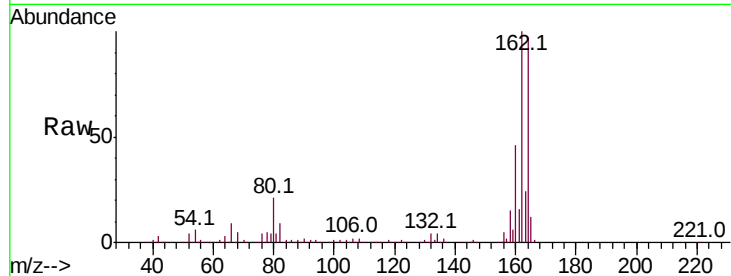




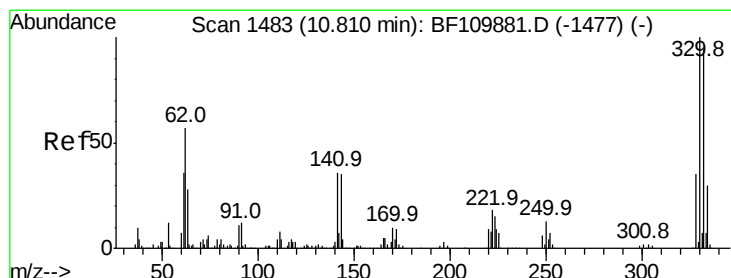
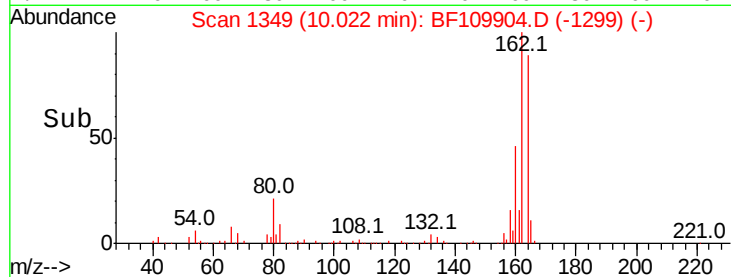
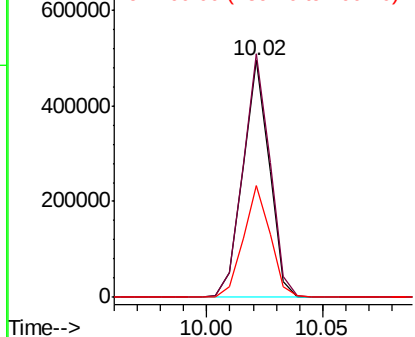
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109904.D
 Acq: 16 Oct 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 SUP-4B-C-101518-1

Tot Ion:164 Resp: 396667
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.0 124.6
 160 47.0 37.0 55.6

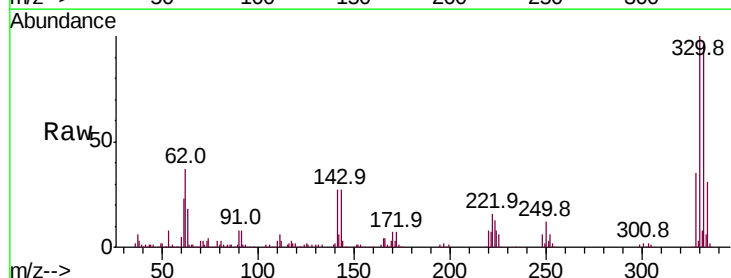


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

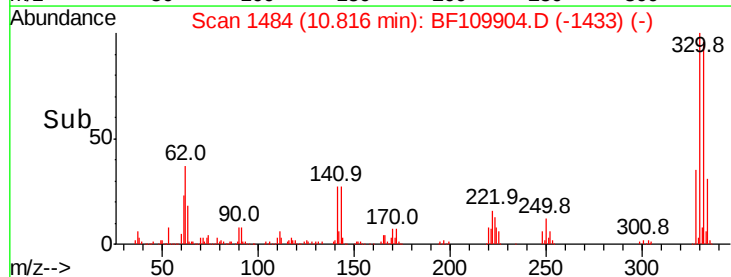
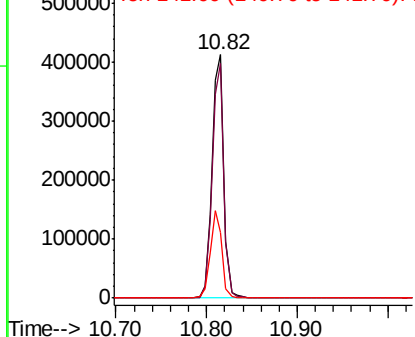


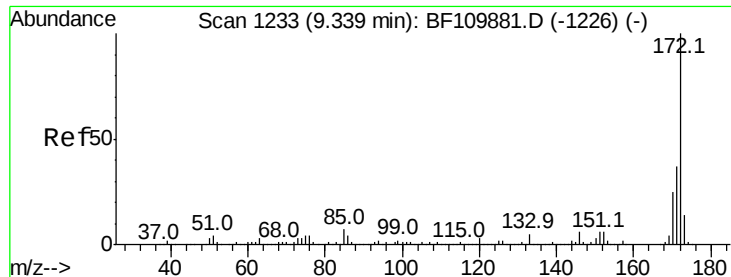
#42
 2,4,6-Tribromophenol
 Concen: 109.859 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109904.D
 Acq: 16 Oct 2018 14:46

Tgt Ion:330 Resp: 377281
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.1 115.7
 141 35.3 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

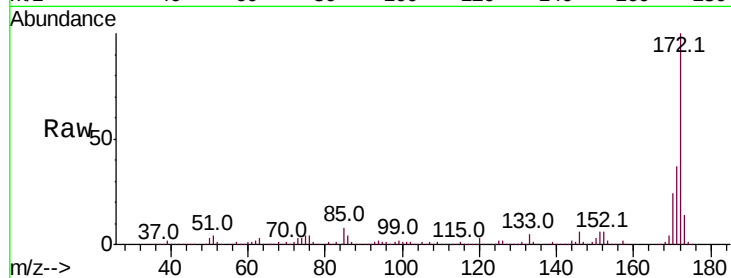




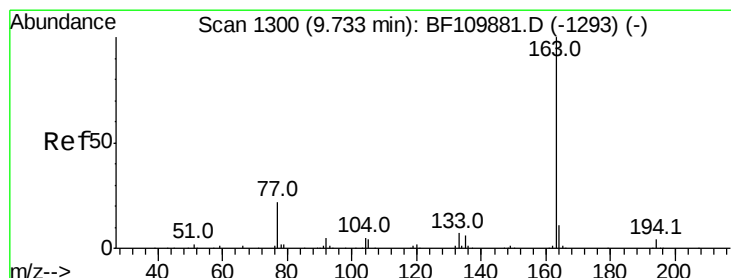
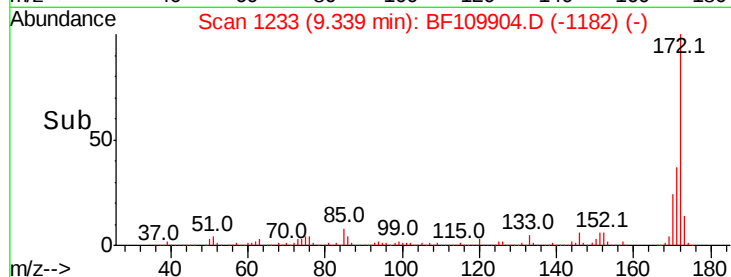
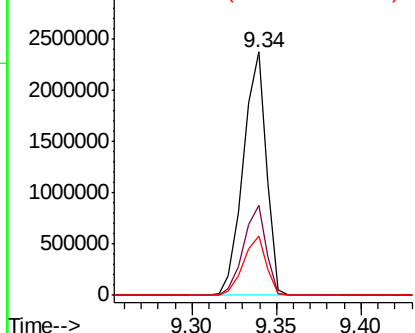
#45
2-Fluorobiphenyl
Concen: 91.045 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109904.D
Acq: 16 Oct 2018 14:46

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-1

Tot Ion:172 Resp: 2263310
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.4 19.7 29.5

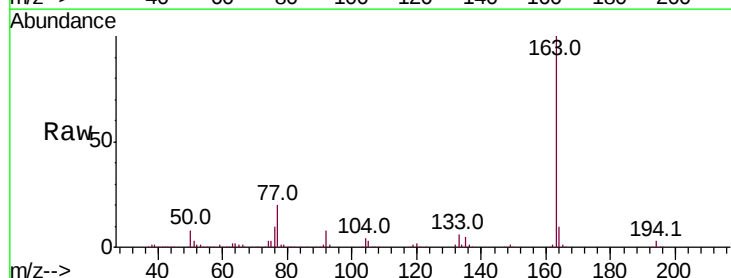


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

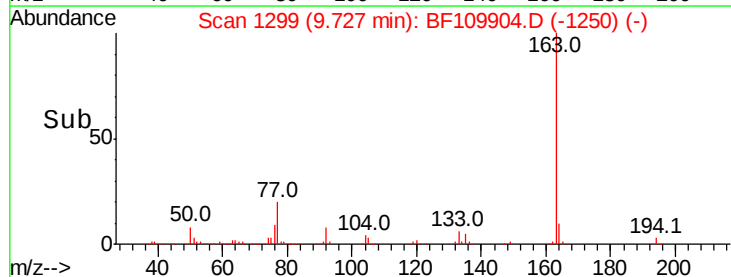
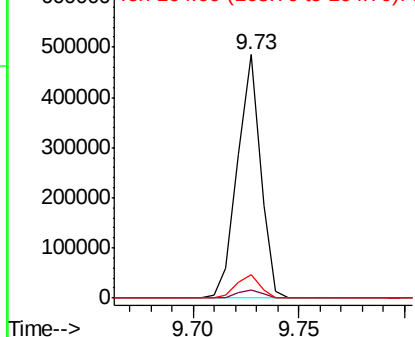


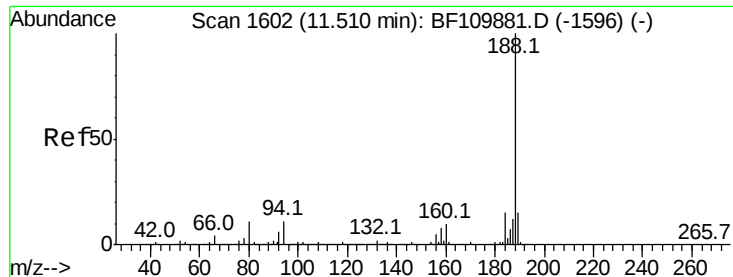
#50
Dimethylphthalate
Concen: 13.047 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109904.D
Acq: 16 Oct 2018 14:46

Tgt Ion:163 Resp: 366453
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 9.8 8.1 12.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

Instrument :

BNA_F

ClientSampleId :

SUP-4B-C-101518-1

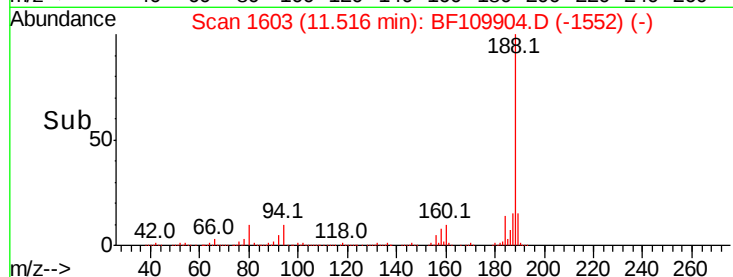
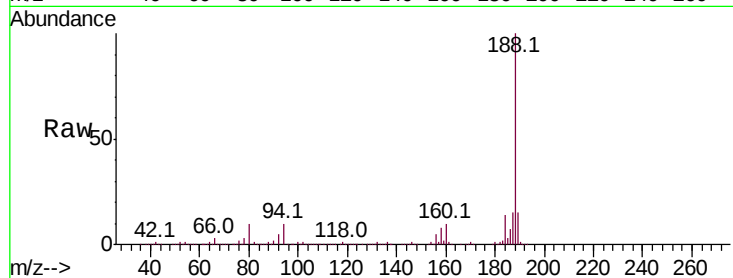
Tot Ion:188 Resp: 574758

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

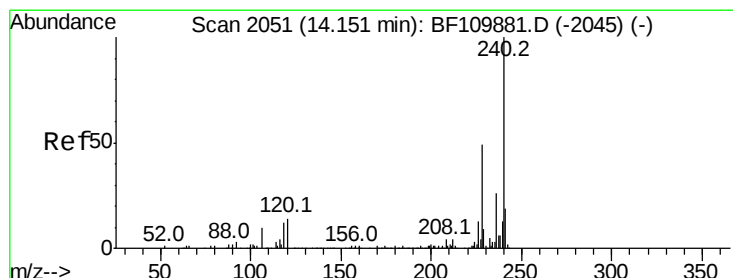
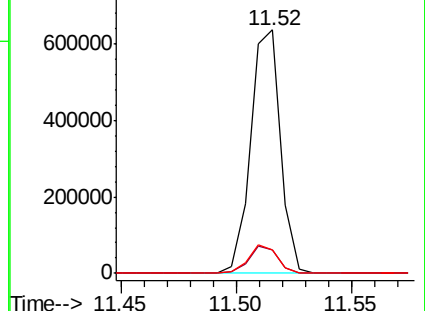
80 9.8 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

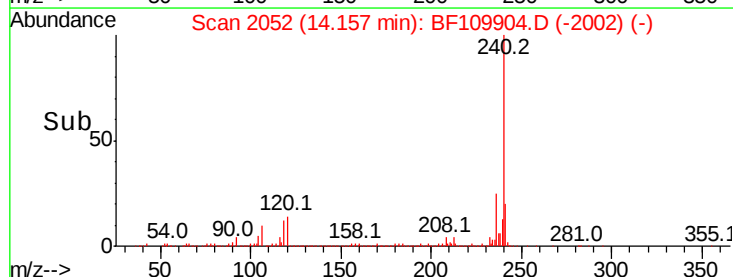
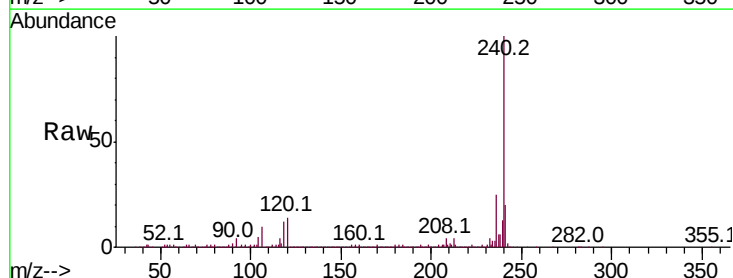
Tgt Ion:240 Resp: 606005

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

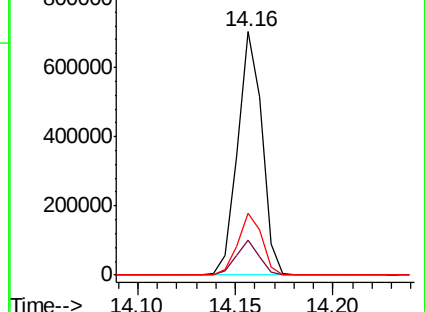
236 25.3 21.2 31.8

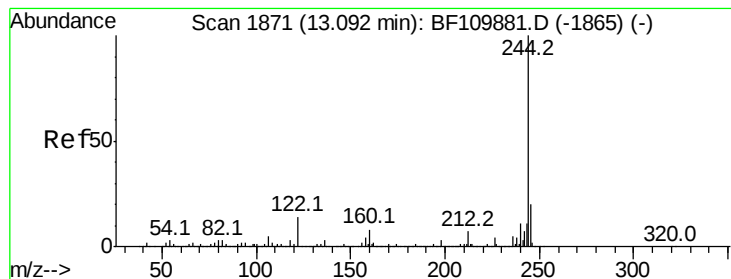


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.412 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

Instrument :

BNA_F

ClientSampleId :

SUP-4B-C-101518-1

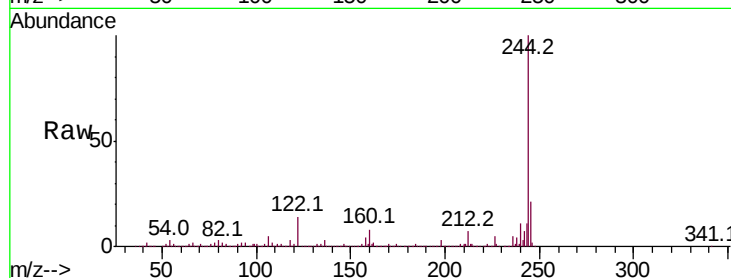
Tot Ion:244 Resp: 1685674

Ion Ratio Lower Upper

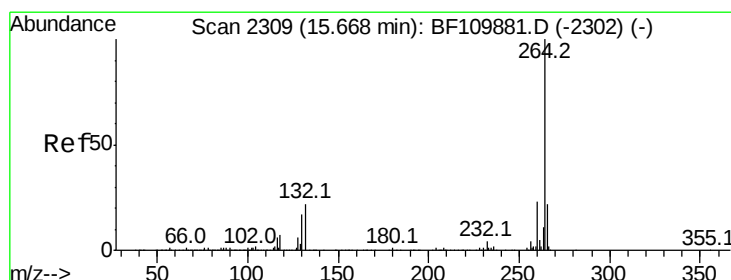
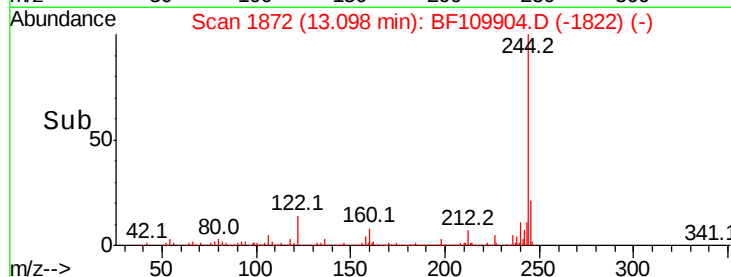
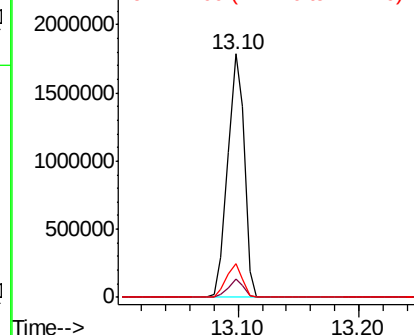
244 100

212 7.3 5.8 8.8

122 13.8 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

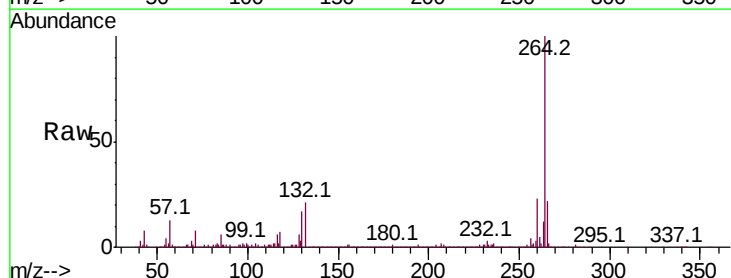
Tgt Ion:264 Resp: 656234

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.8 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

