

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102480.D
 Acq On : 26 Jan 2018 20:29
 Operator : SJ/JU
 Sample : J1289-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-13.5-14.0

Quant Time: Jan 26 22:56:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

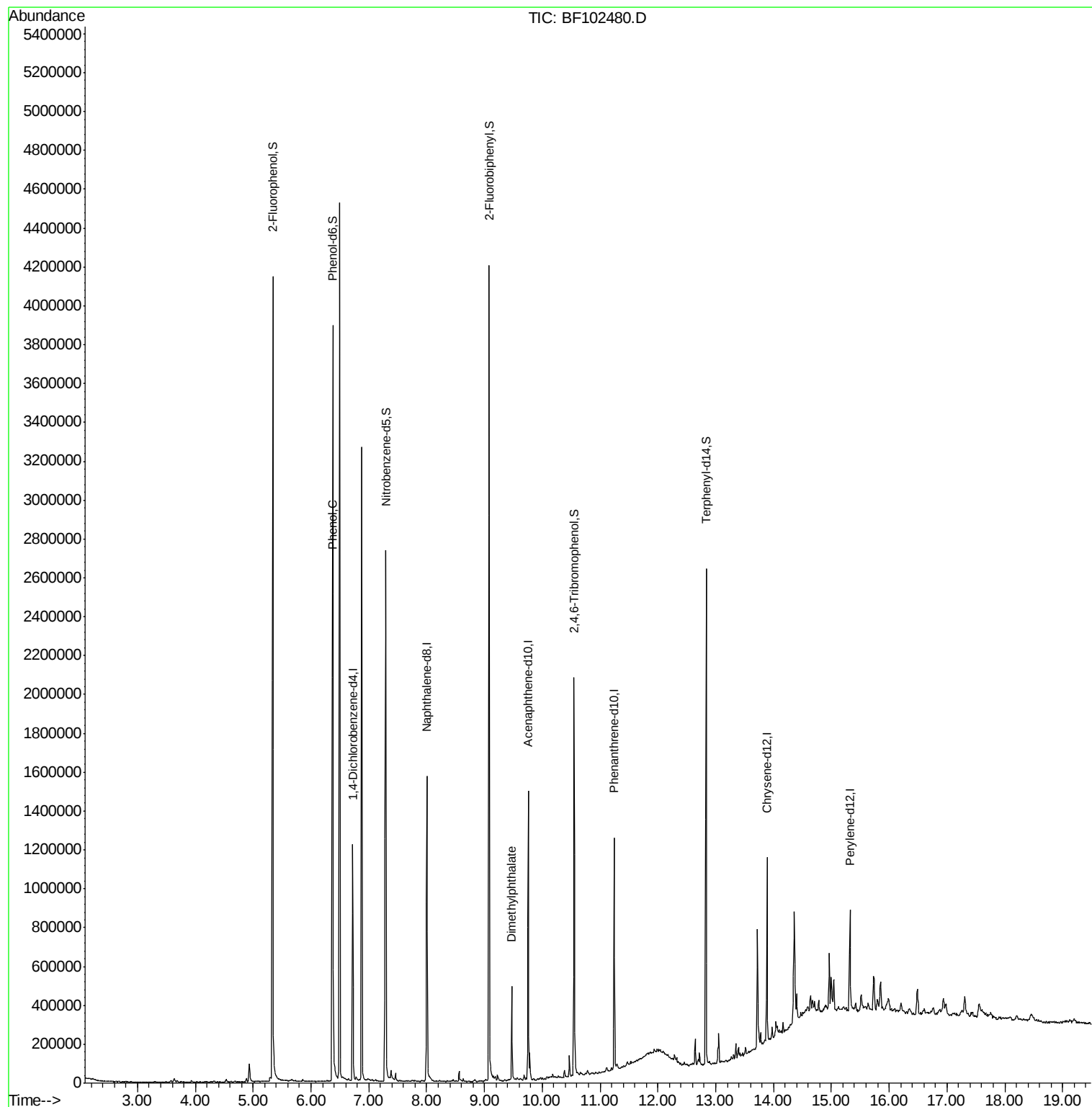
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	169032	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	688840	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	278757	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	417790	20.00	ng	0.00
75) Chrysene-d12	13.89	240	321476	20.00	ng	0.00
86) Perylene-d12	15.32	264	226165	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1314150	117.88	ng	0.02
7) Phenol-d6	6.37	99	1625616	120.95	ng	0.01
23) Nitrobenzene-d5	7.29	82	929801	77.57	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	230571	83.48	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1297175	68.42	ng	0.00
78) Terphenyl-d14	12.83	244	915986	64.23	ng	0.00
Target Compounds						
10) Phenol	6.39	94	70632	4.814	ng	97
49) Dimethylphthalate	9.47	163	191700	8.320	ng	99

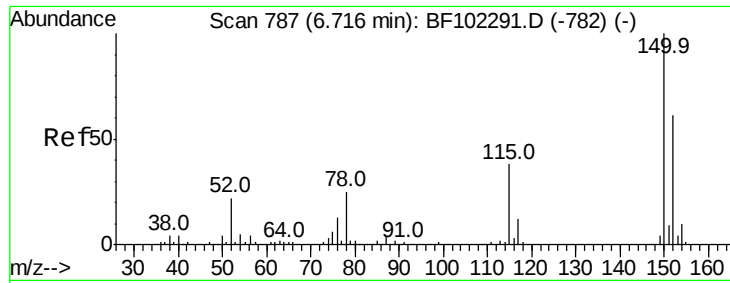
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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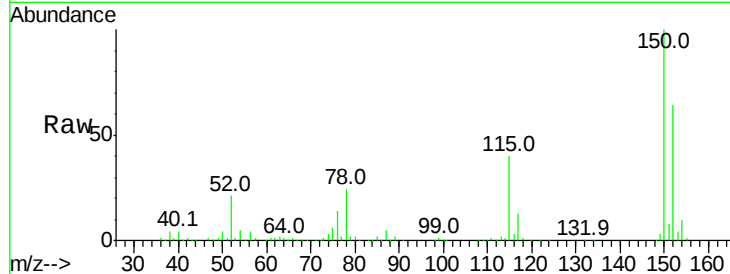


#1

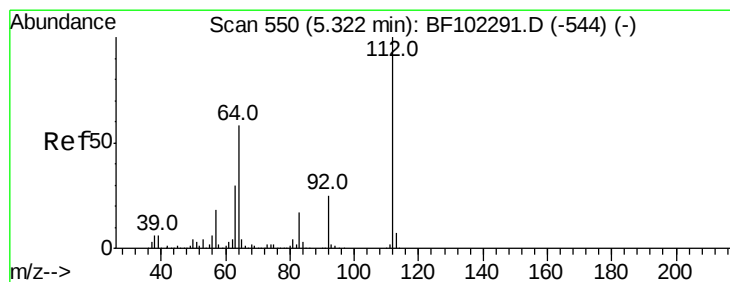
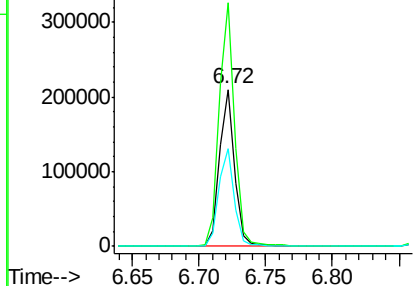
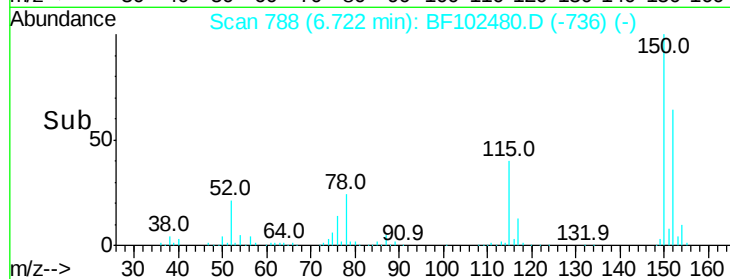
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF102480.D
 Acq: 26 Jan 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-13.5-14.0

Tot Ion:152 Resp: 169032
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 62.2 50.1 75.1



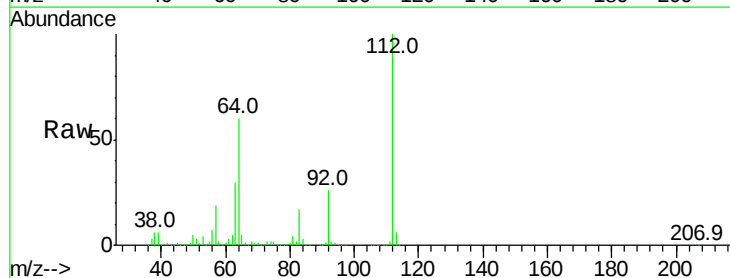
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



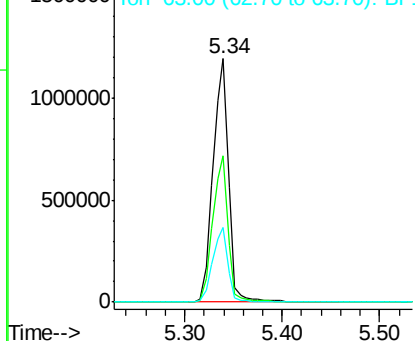
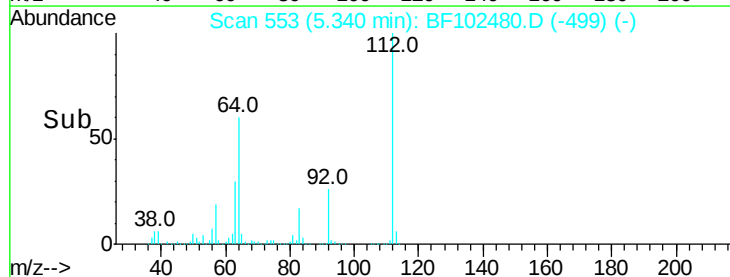
#5

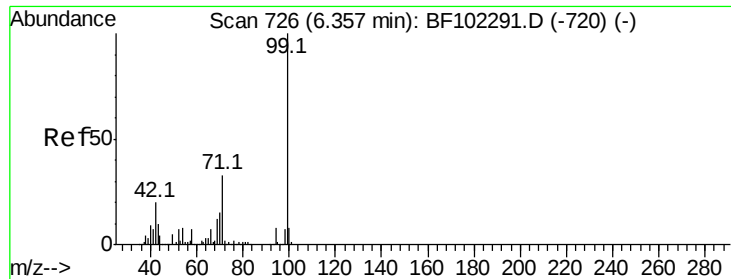
2-Fluorophenol
 Concen: 117.883 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102480.D
 Acq: 26 Jan 2018 20:29

Tgt Ion:112 Resp: 1314150
 Ion Ratio Lower Upper
 112 100
 64 60.0 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: 120.955 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

Instrument :

BNA_F

ClientSampleId :

SB-53-13.5-14.0

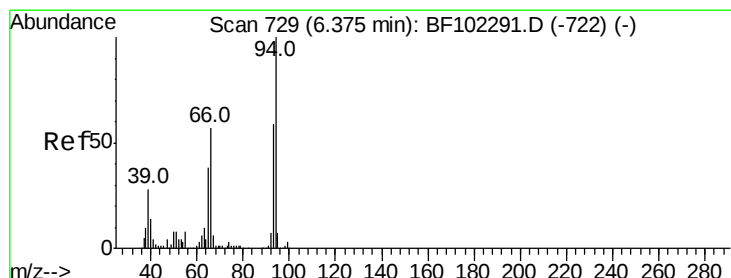
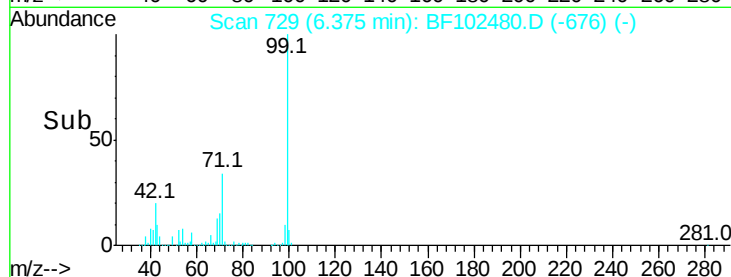
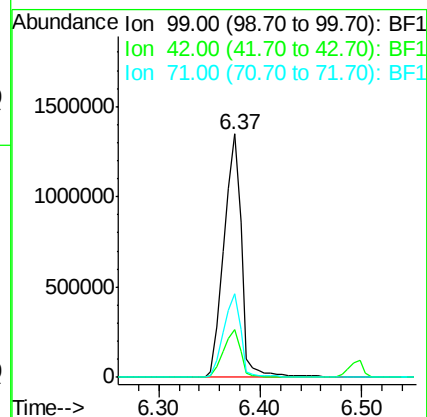
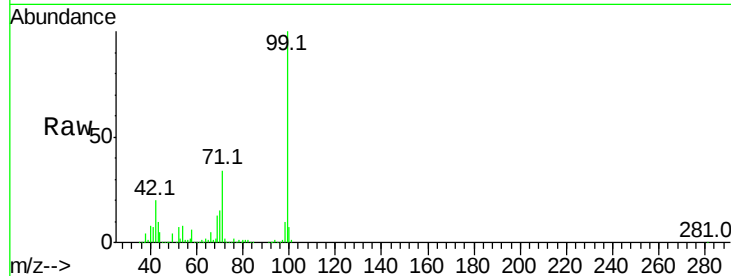
Tot Ion: 99 Resp: 1625616

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 34.4 25.4 38.0



#10

Phenol

Concen: 4.814 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

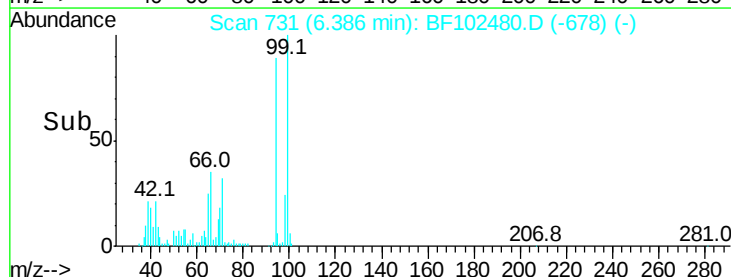
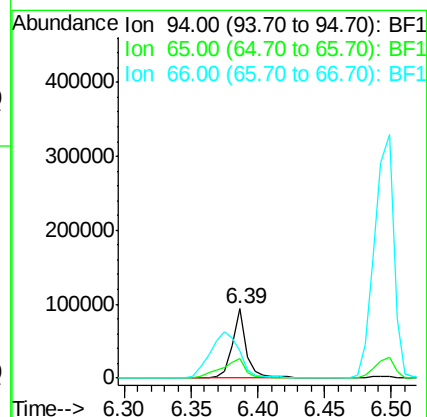
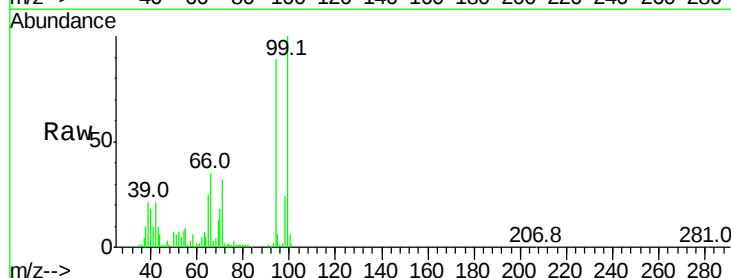
Tgt Ion: 94 Resp: 70632

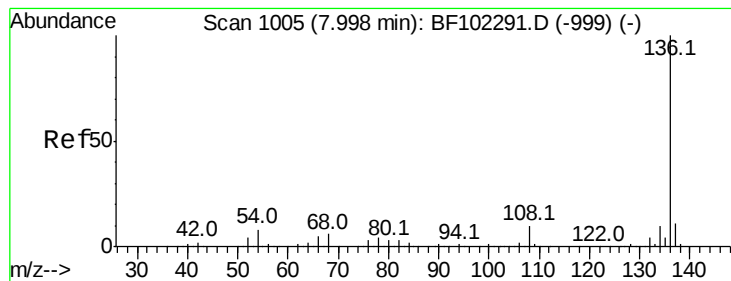
Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

66 39.3 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

Instrument :

BNA_F

ClientSampleId :

SB-53-13.5-14.0

Tot Ion:136 Resp: 688840

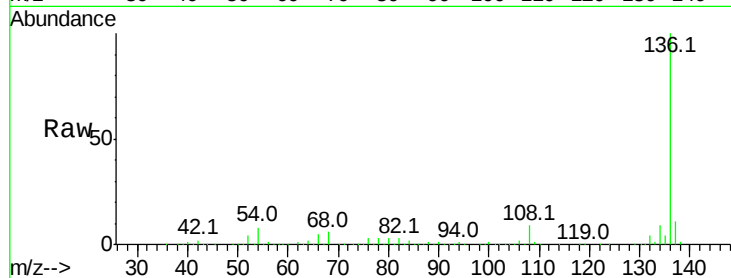
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.3 6.6 9.8

68 5.6 5.0 7.4

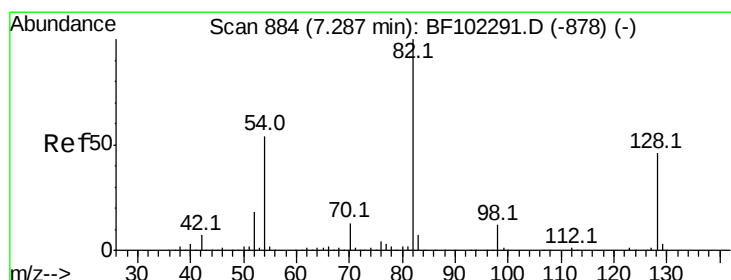
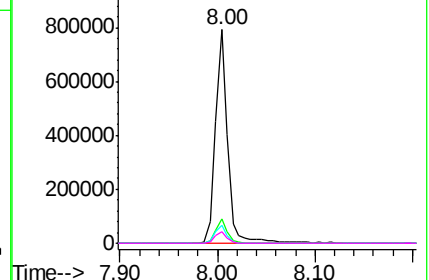
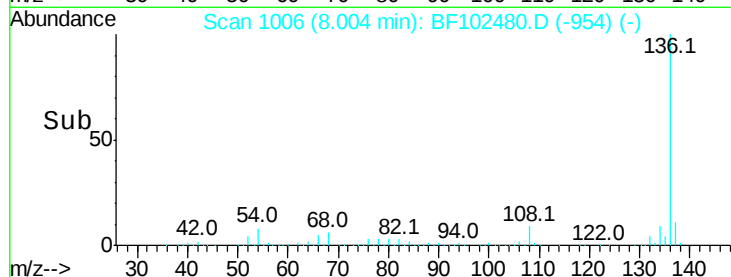


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.569 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

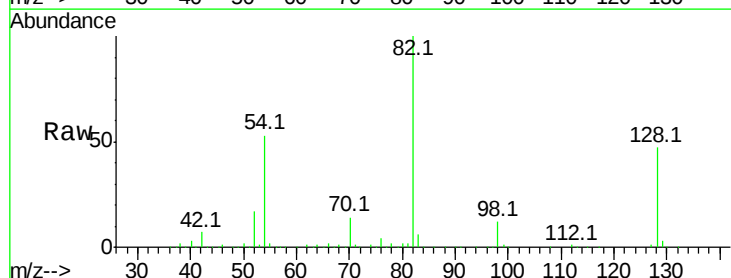
Tgt Ion: 82 Resp: 929801

Ion Ratio Lower Upper

82 100

128 47.2 36.1 54.1

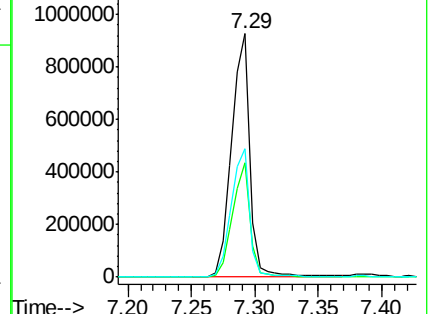
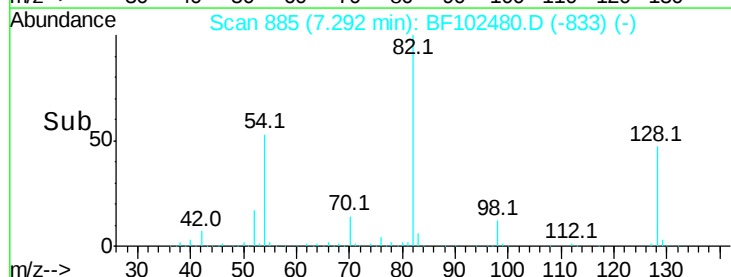
54 52.9 41.4 62.2

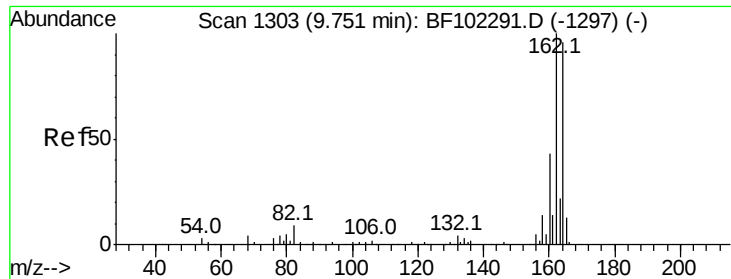


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

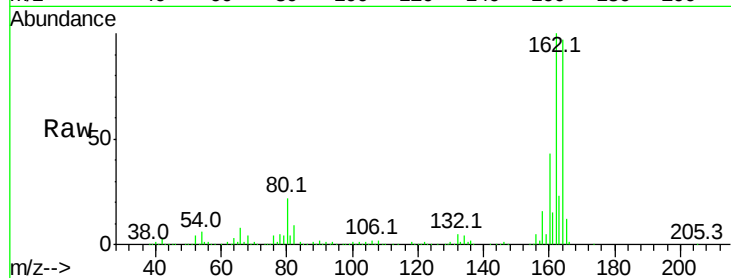




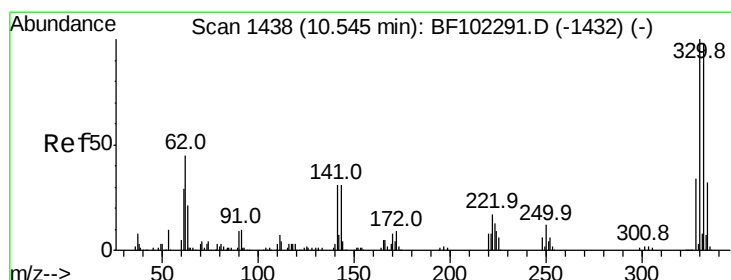
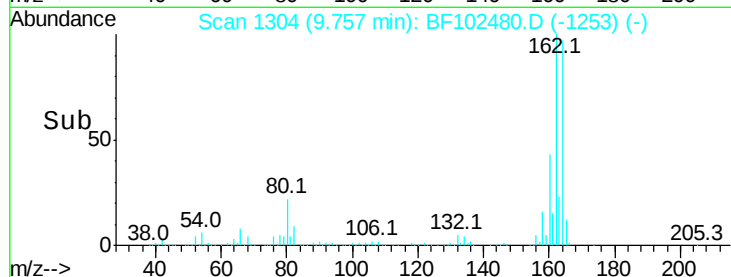
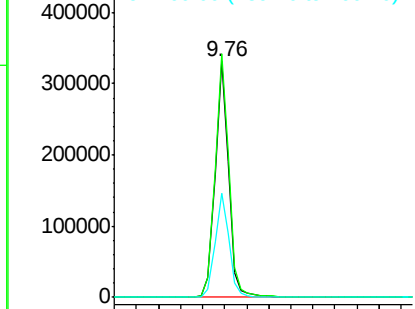
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF102480.D
 Acq: 26 Jan 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-13.5-14.0

Tot Ion:164 Resp: 278757
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 44.0 38.3 57.5

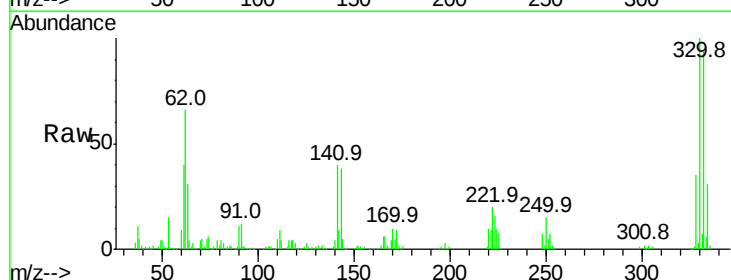


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

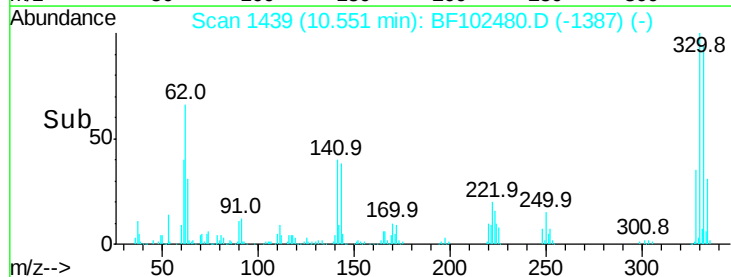
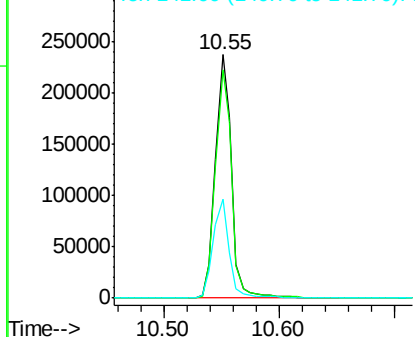


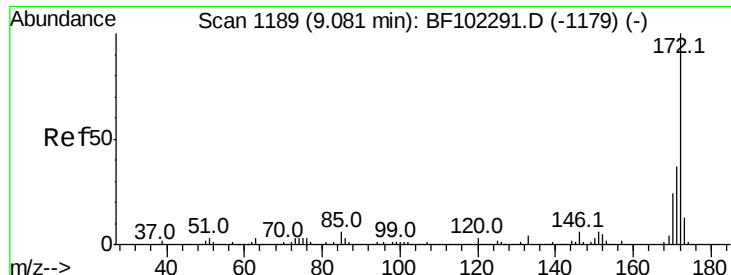
#41
 2,4,6-Tribromophenol
 Concen: 83.477 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102480.D
 Acq: 26 Jan 2018 20:29

Tgt Ion:330 Resp: 230571
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 40.9 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

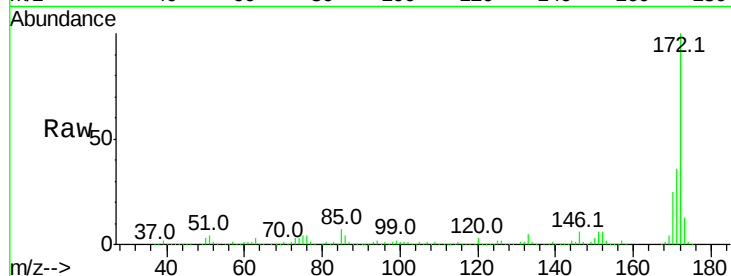




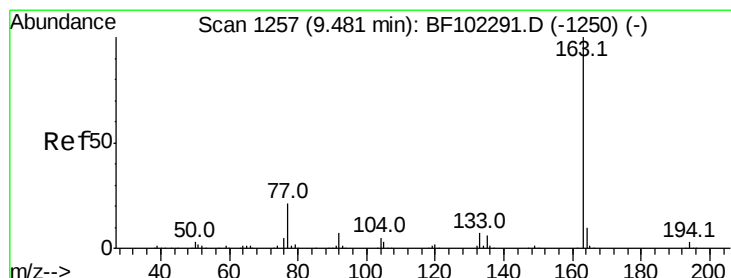
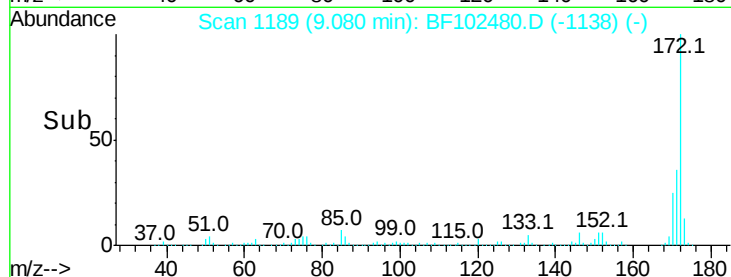
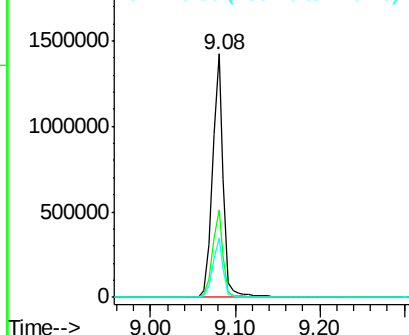
#44
 2-Fluorobiphenyl
 Concen: 68.422 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102480.D
 Acq: 26 Jan 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-13.5-14.0

Tot Ion:172 Resp: 1297175
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.6 19.6 29.4

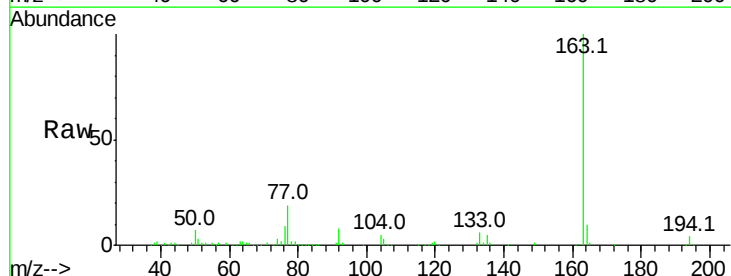


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

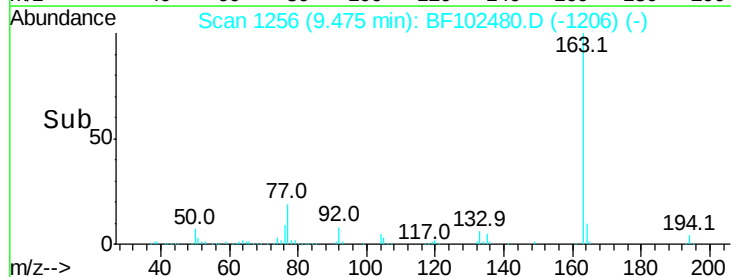
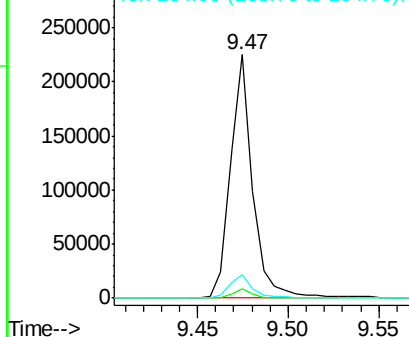


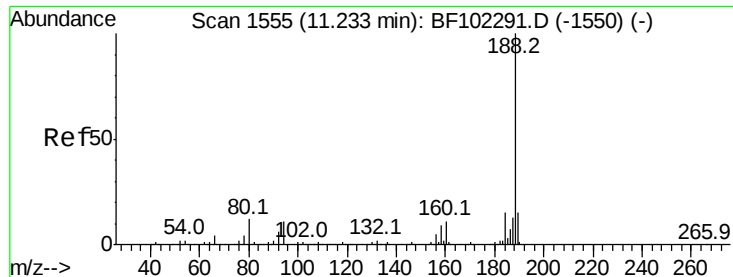
#49
 Dimethylphthalate
 Concen: 8.320 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF102480.D
 Acq: 26 Jan 2018 20:29

Tgt Ion:163 Resp: 191700
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 9.9 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

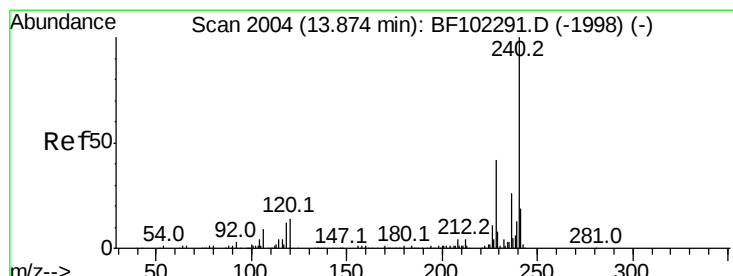
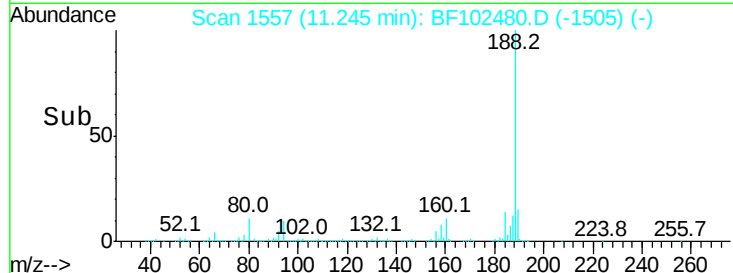
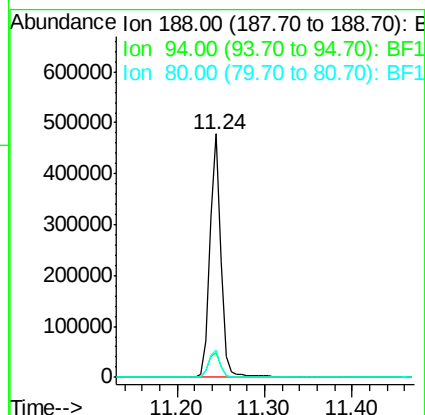
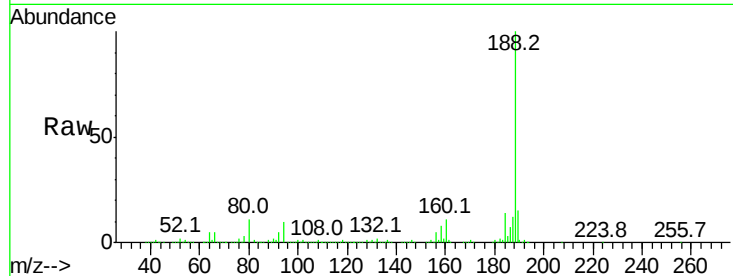




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102480.D
Acq: 26 Jan 2018 20:29

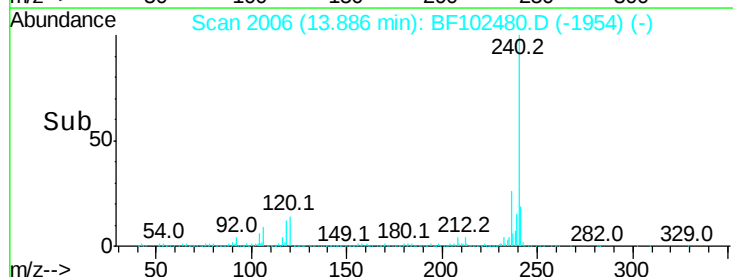
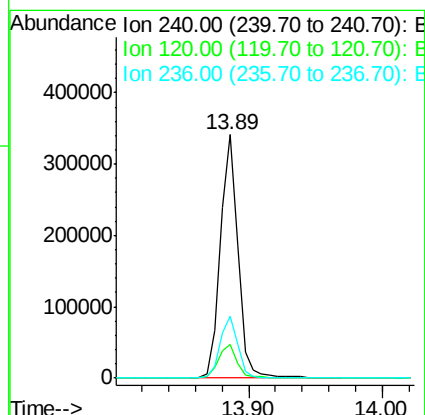
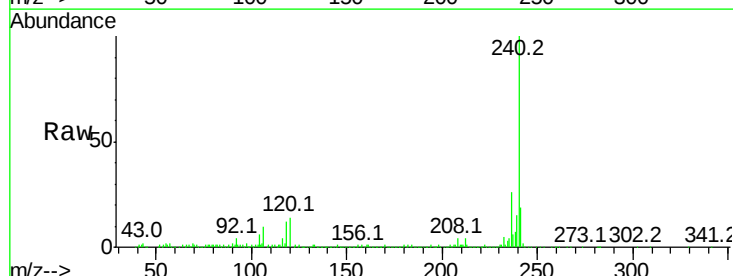
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BNA_F
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SB-53-13.5-14.0

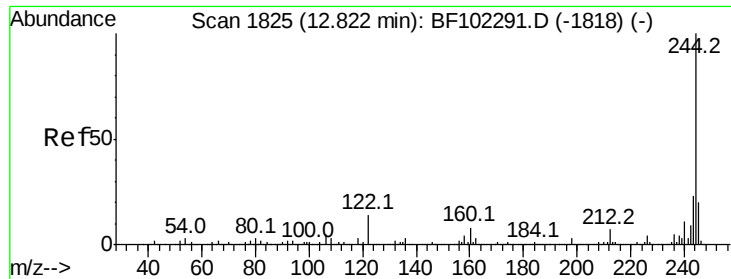
Tot Ion:188 Resp: 417790
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF102480.D
Acq: 26 Jan 2018 20:29

Tgt Ion:240 Resp: 321476
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 64.234 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

Instrument :

BNA_F

ClientSampleId :

SB-53-13.5-14.0

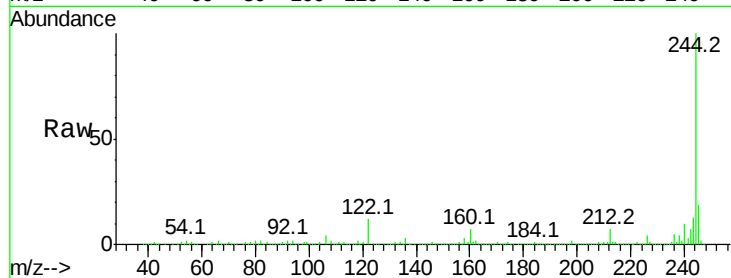
Tot Ion:244 Resp: 915986

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

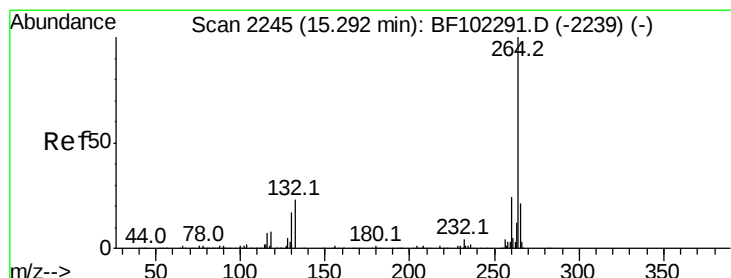
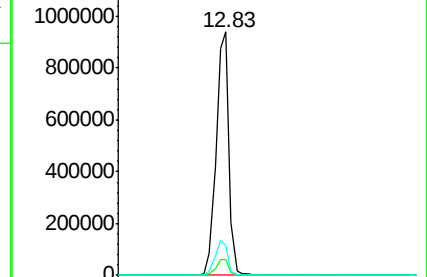
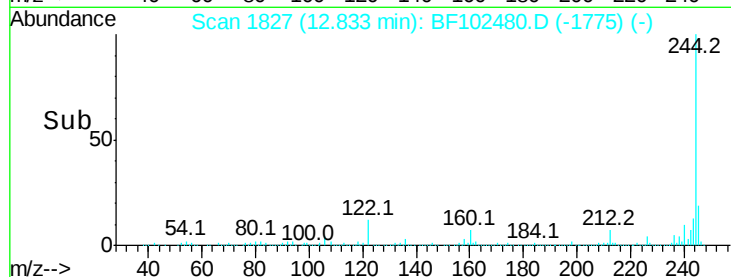
122 12.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.02 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

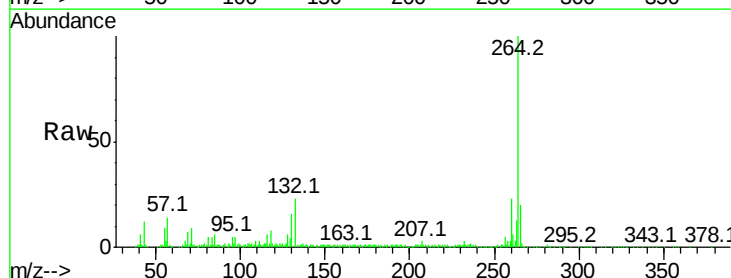
Tgt Ion:264 Resp: 226165

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.3 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

