

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102452.D
 Acq On : 26 Jan 2018 4:12
 Operator : SJ/JU
 Sample : J1300-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Quant Time: Jan 26 06:01:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

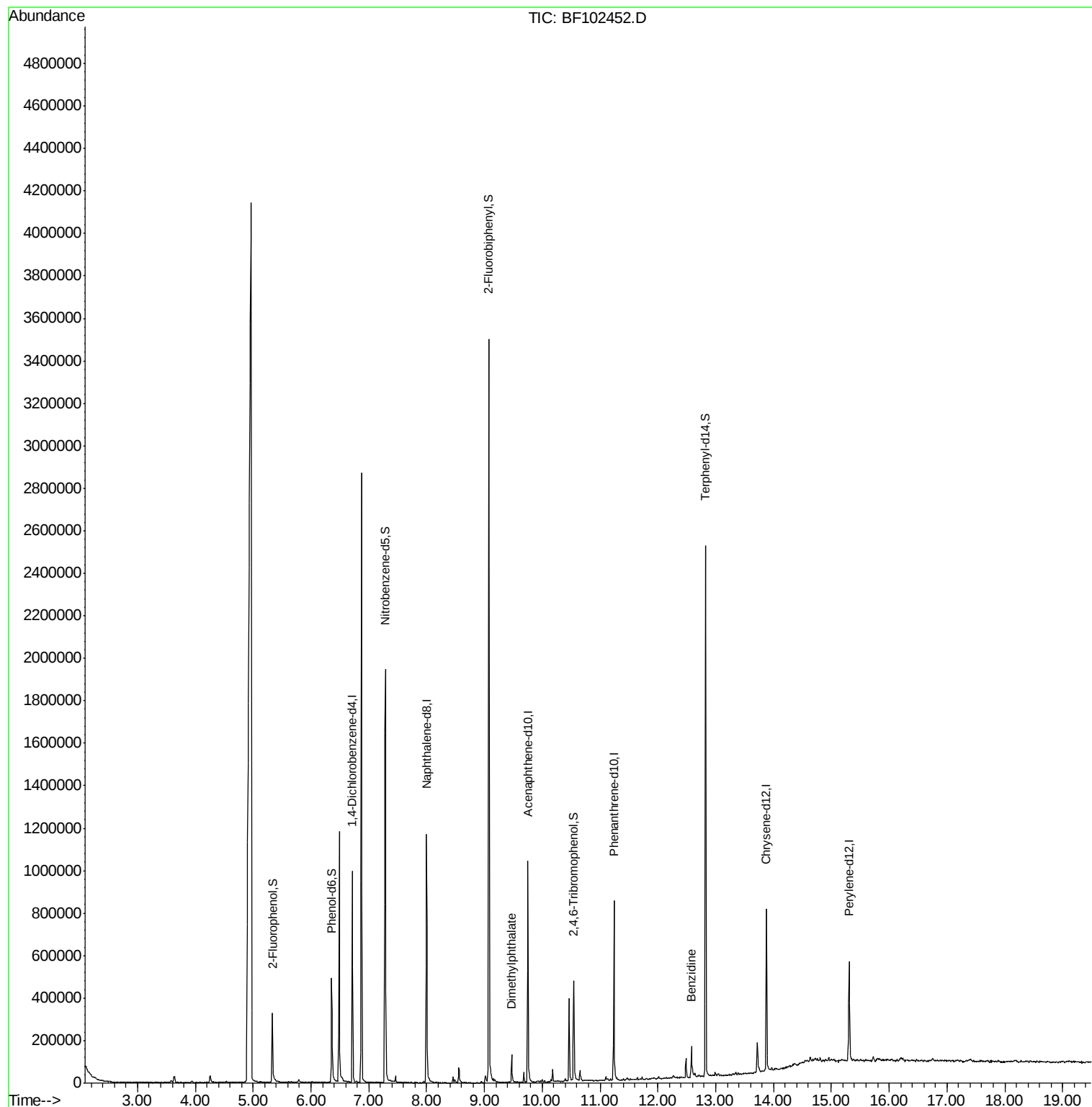
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138445	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	540705	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	207393	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	315698	20.00	ng	0.00
75) Chrysene-d12	13.88	240	283308	20.00	ng	0.00
86) Perylene-d12	15.31	264	220768	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	119610	13.10	ng	0.01
7) Phenol-d6	6.36	99	157521	14.31	ng	-0.01
23) Nitrobenzene-d5	7.29	82	662190	70.38	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	61898	30.12	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1200280	85.10	ng	0.00
78) Terphenyl-d14	12.82	244	891323	70.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	61869	3.609	ng	100
76) Benzidine	12.58	184	79794	8.384	ng	98

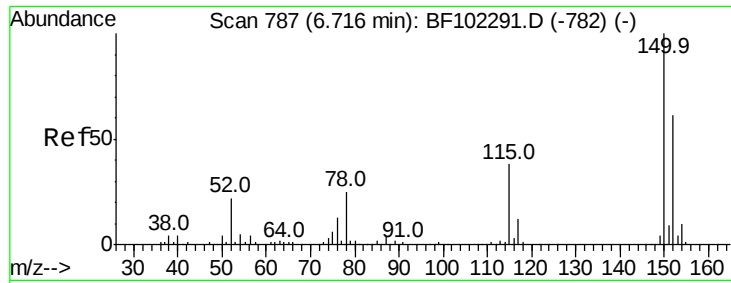
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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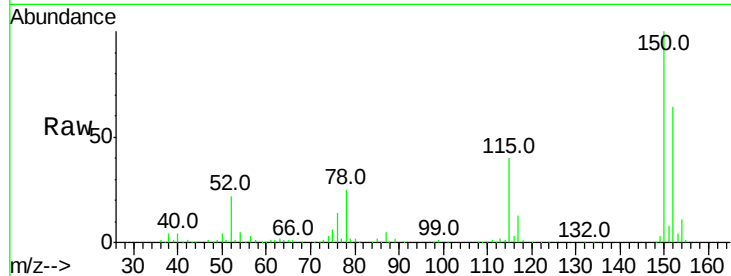


#1

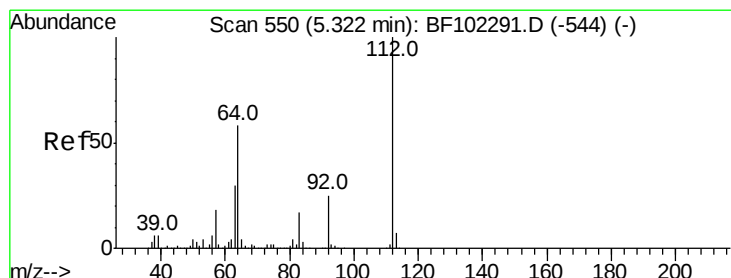
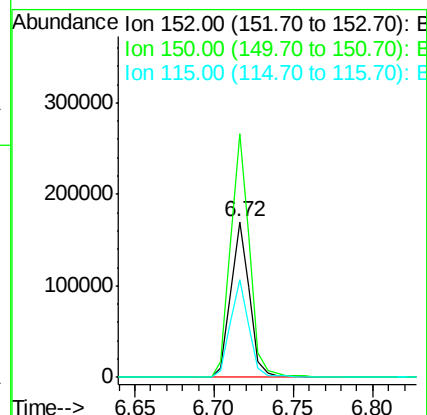
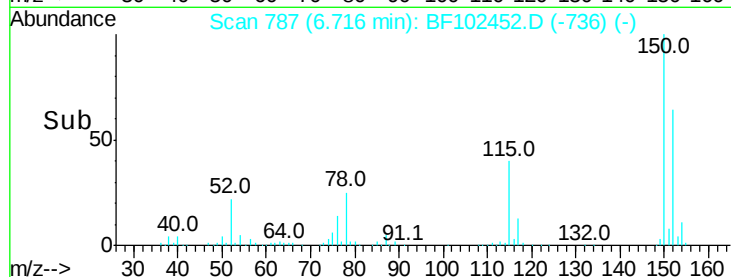
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102452.D
Acq: 26 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tot Ion:152 Resp: 138445
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 62.4 50.1 75.1



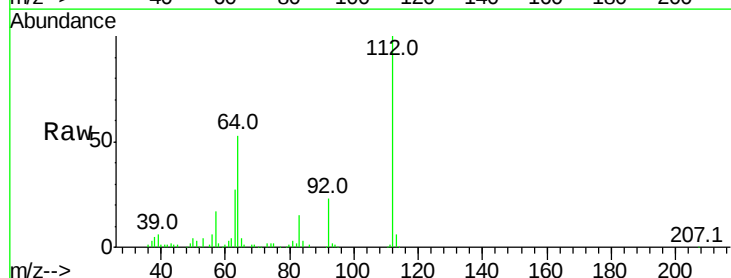
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



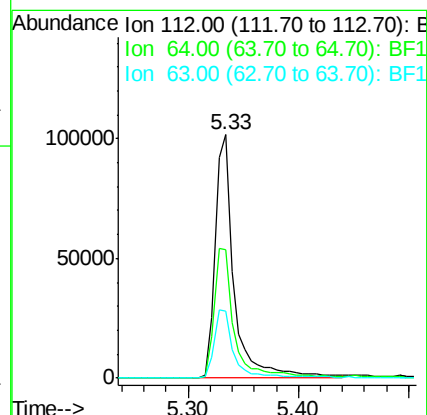
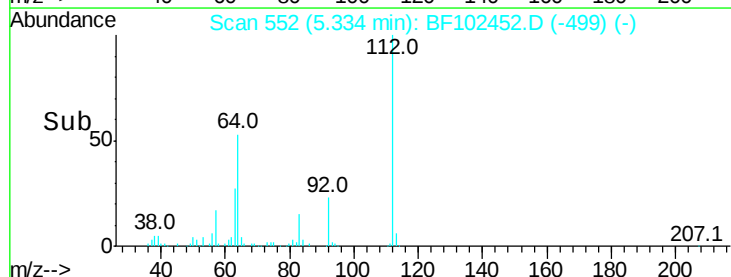
#5

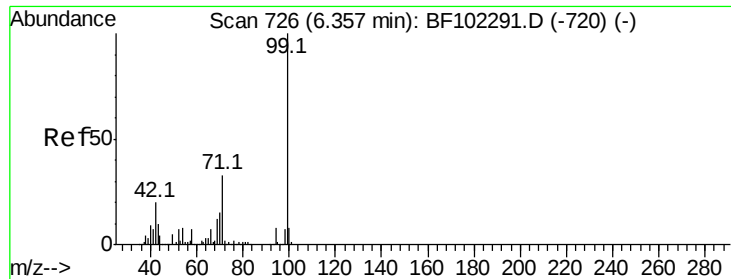
2-Fluorophenol
Concen: 13.100 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102452.D
Acq: 26 Jan 2018 4:12

Tgt Ion:112 Resp: 119610
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 27.4 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: 14.310 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Instrument :

BNA_F

ClientSampleId :

MANHOLE

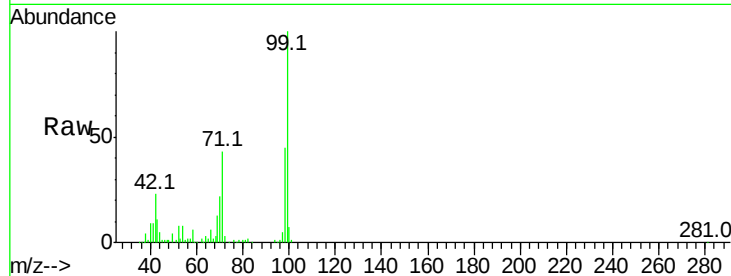
Tot Ion: 99 Resp: 157521

Ion Ratio Lower Upper

99 100

42 23.3 14.5 21.7#

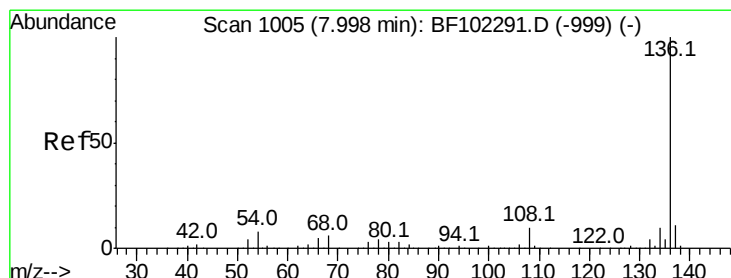
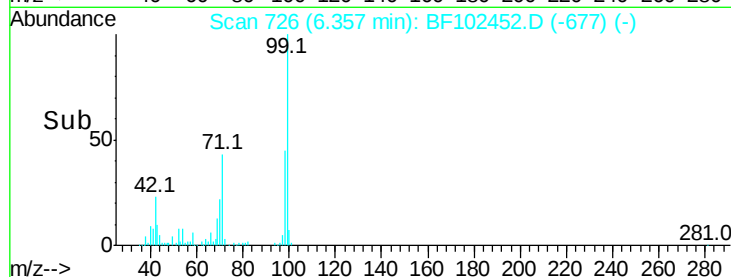
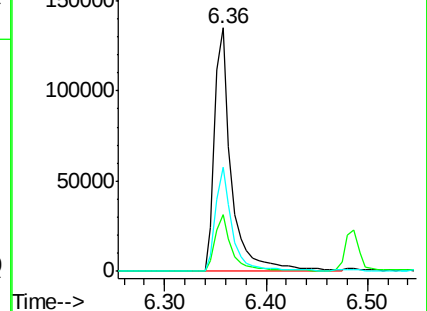
71 42.8 25.4 38.0#



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: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Tgt Ion: 136 Resp: 540705

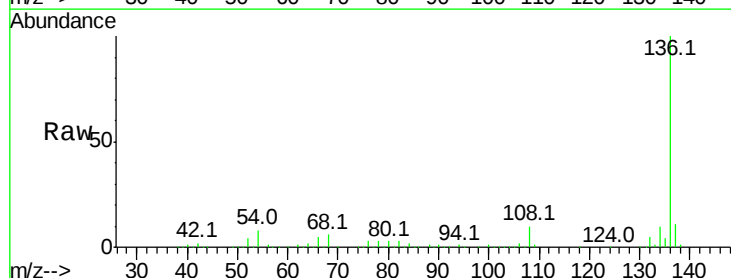
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.5 6.6 9.8

68 5.7 5.0 7.4

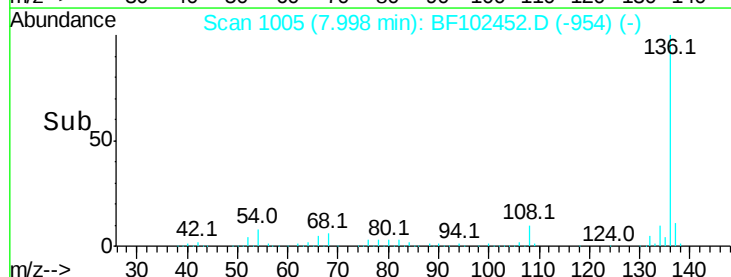
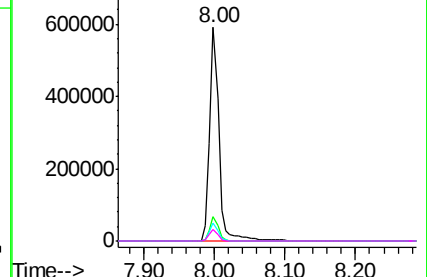


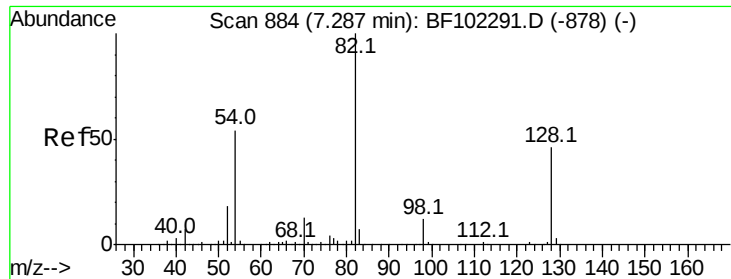
Abundance Ion 136.00 (135.70 to 136.70): E

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

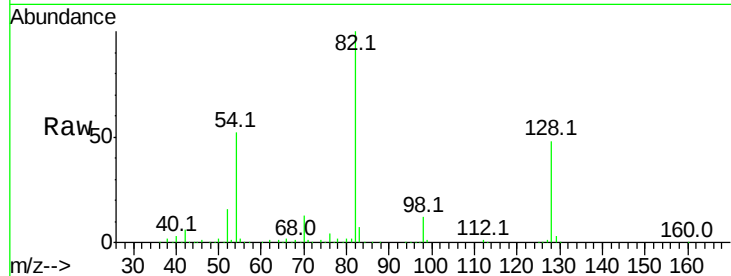




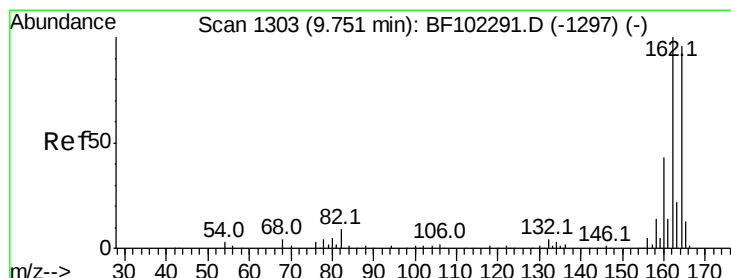
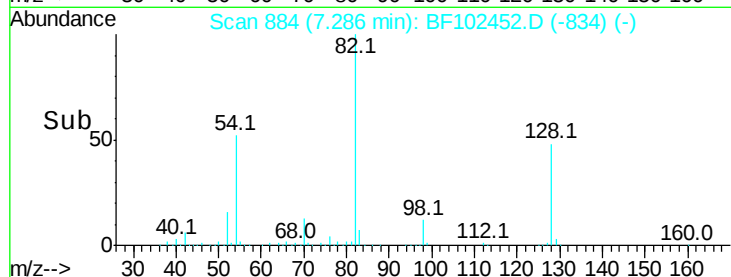
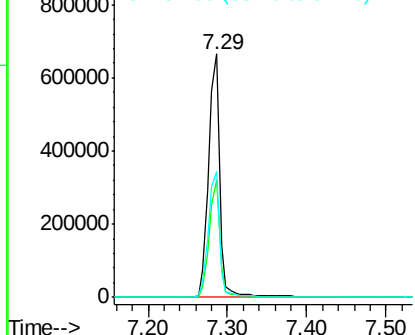
#23
Nitrobenzene-d5
Concen: 70.378 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102452.D
Acq: 26 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tot Ion: 82 Resp: 662190
Ion Ratio Lower Upper
82 100
128 48.1 36.1 54.1
54 51.6 41.4 62.2

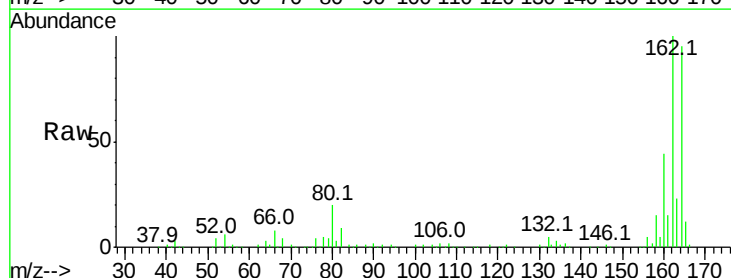


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

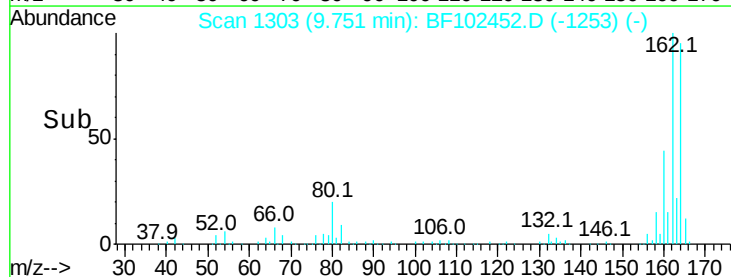
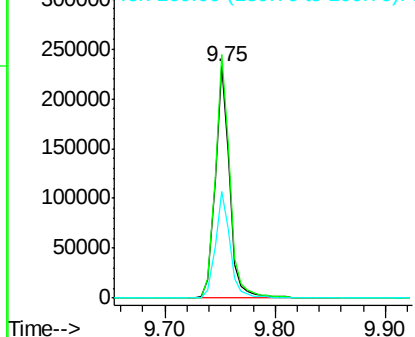


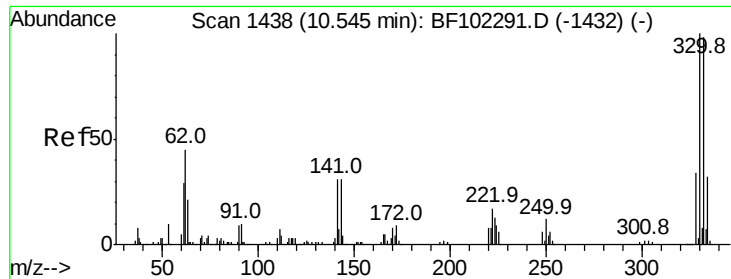
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102452.D
Acq: 26 Jan 2018 4:12

Tgt Ion:164 Resp: 207393
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 46.0 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

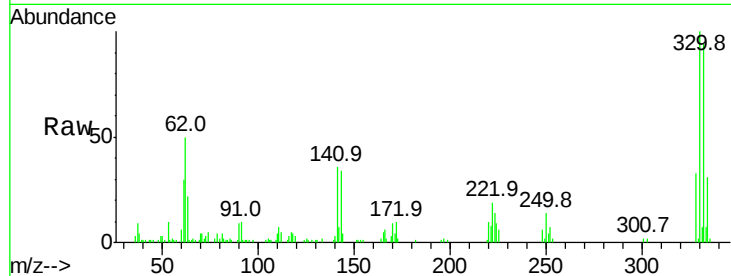




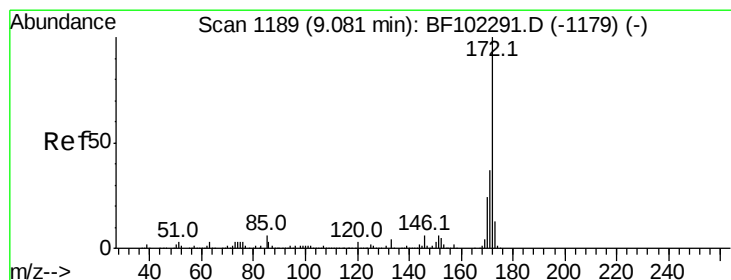
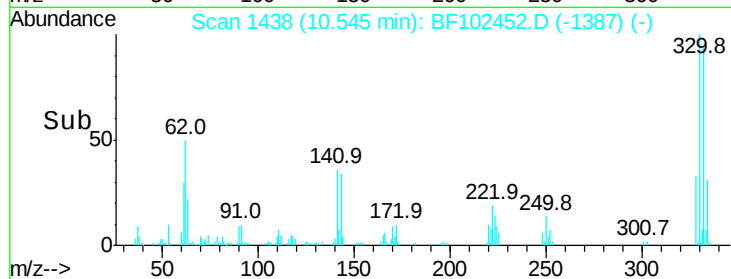
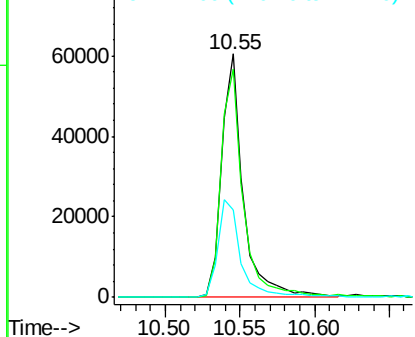
#41
 2,4,6-Tribromophenol
 Concen: 30.121 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102452.D
 Acq: 26 Jan 2018 4:12

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Tot Ion:330 Resp: 61898
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 43.1 29.9 44.9

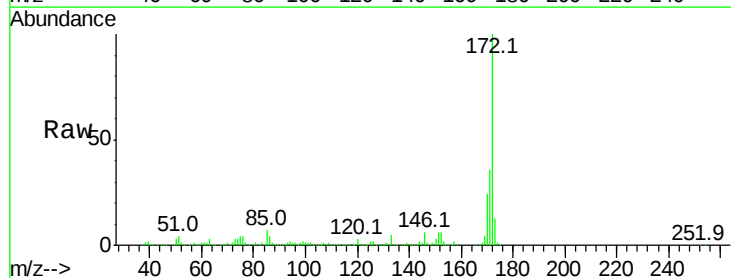


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

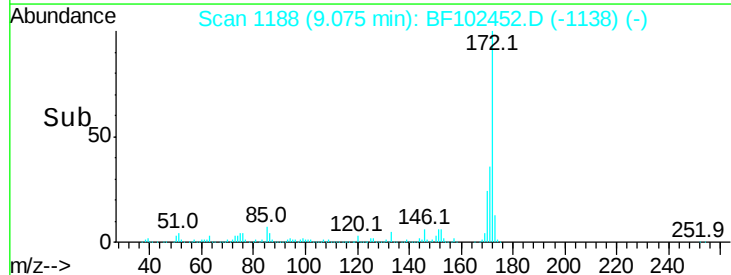
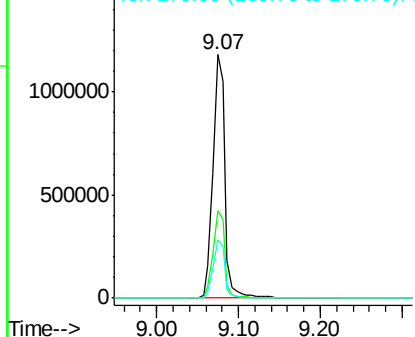


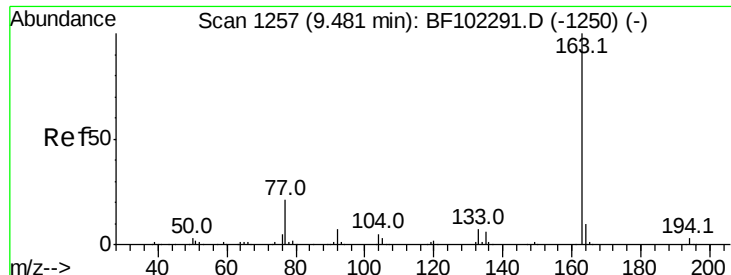
#44
 2-Fluorobiphenyl
 Concen: 85.096 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102452.D
 Acq: 26 Jan 2018 4:12

Tgt Ion:172 Resp: 1200280
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

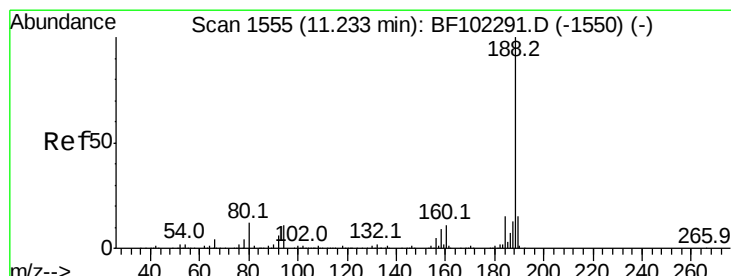
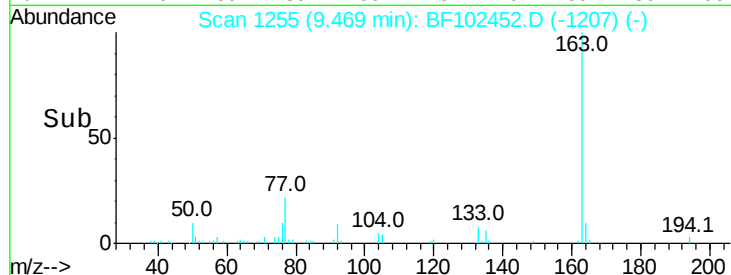
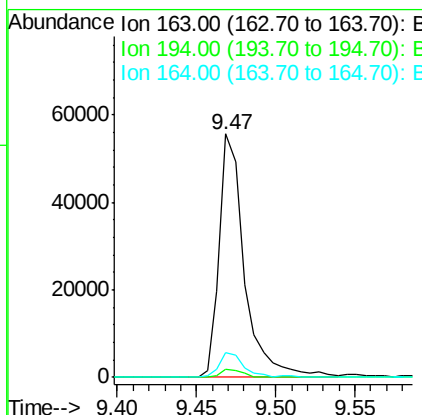
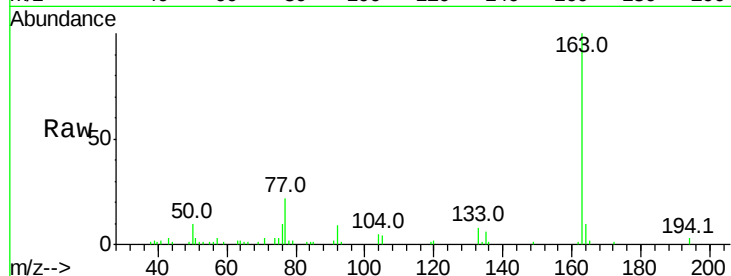




#49
Dimethylphthalate
Concen: 3.609 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102452.D
Acq: 26 Jan 2018 4:12

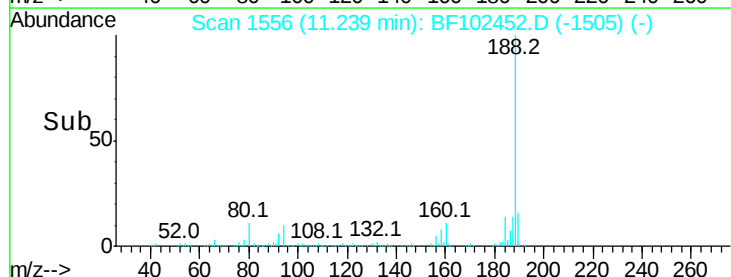
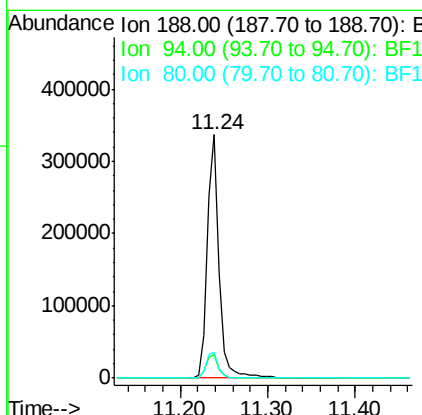
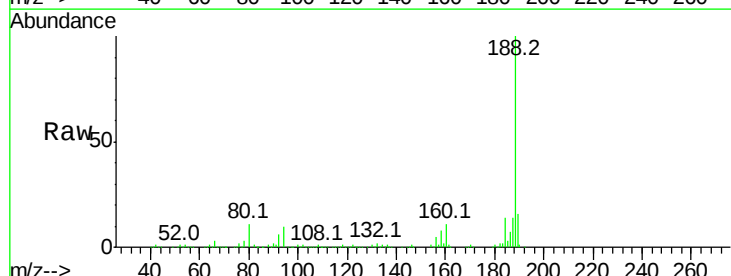
Instrument :
BNA_F
ClientSampleId :
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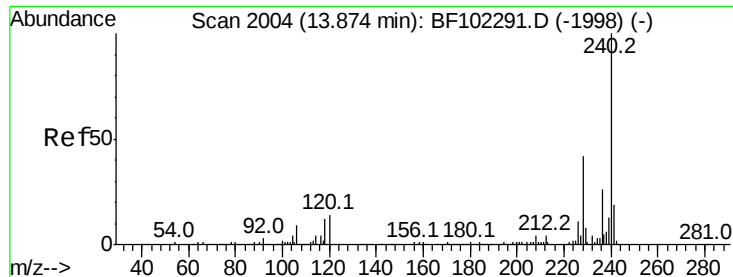
Tot Ion:163 Resp: 61869
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.2 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102452.D
Acq: 26 Jan 2018 4:12

Tgt Ion:188 Resp: 315698
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.5 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Instrument :

BNA_F

ClientSampleId :

MANHOLE

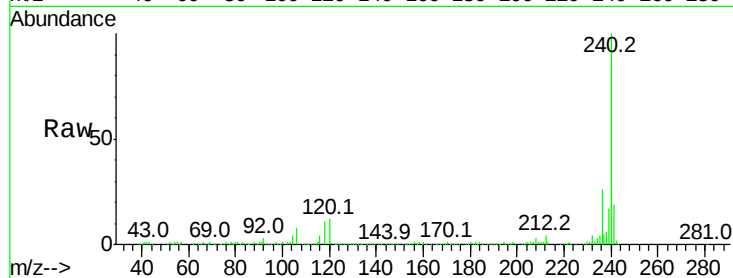
Tot Ion:240 Resp: 283308

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

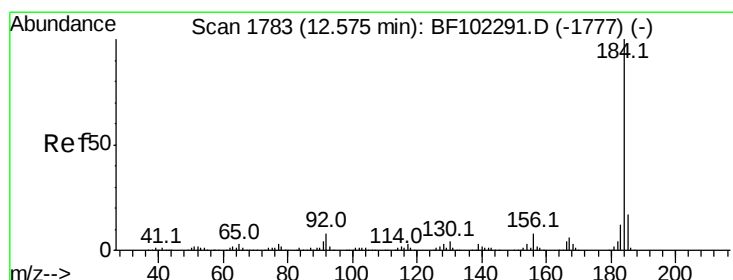
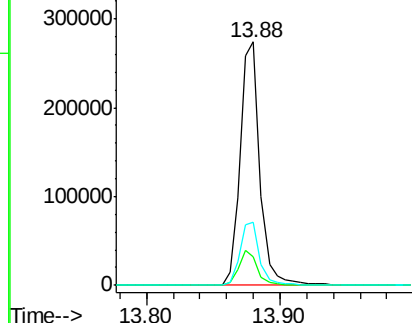
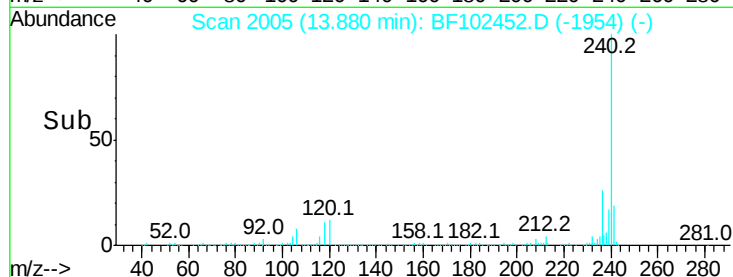
236 25.7 20.7 31.1



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



#76

Benzidine

Concen: 8.384 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

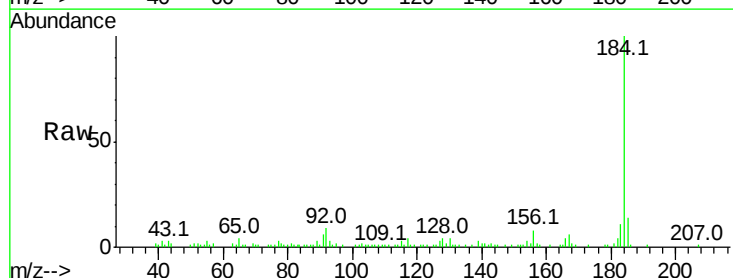
Tgt Ion:184 Resp: 79794

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

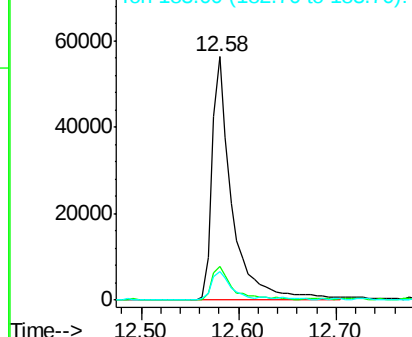
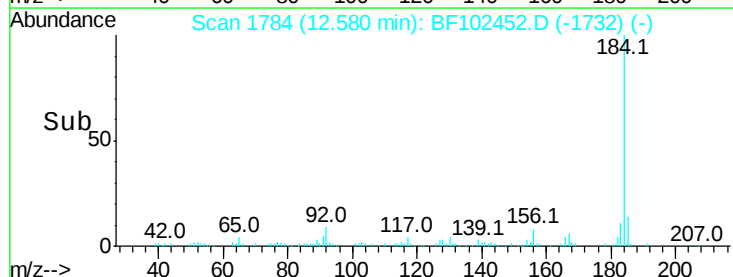
183 11.5 9.3 13.9

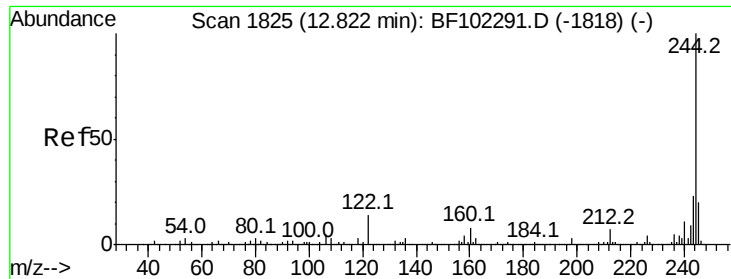


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 70.925 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Instrument :

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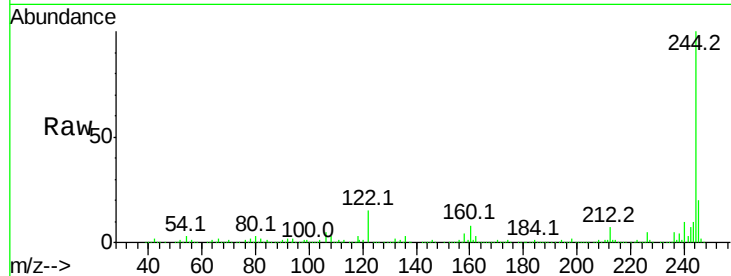
Tot Ion:244 Resp: 891323

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

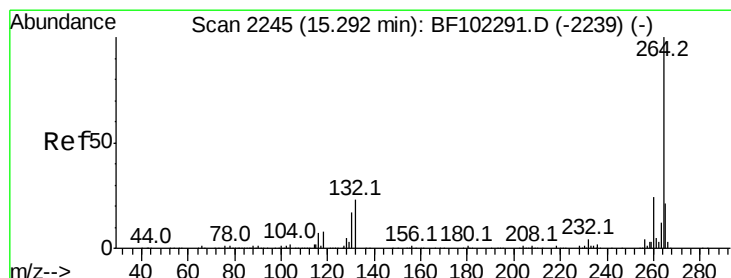
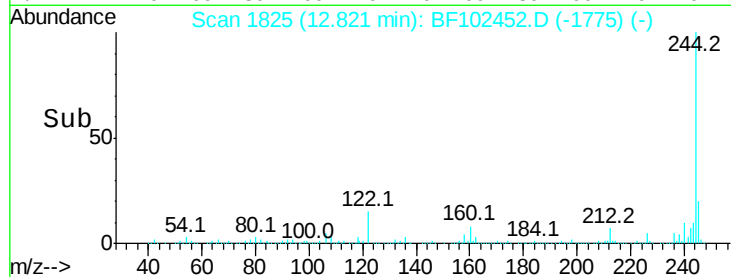
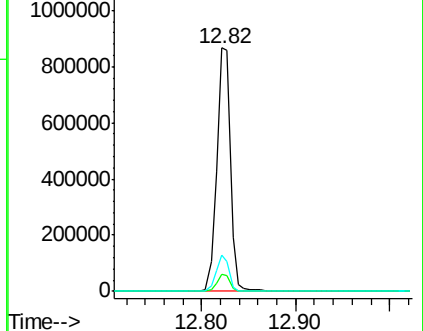
122 14.7 11.0 16.4



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: 15.31 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

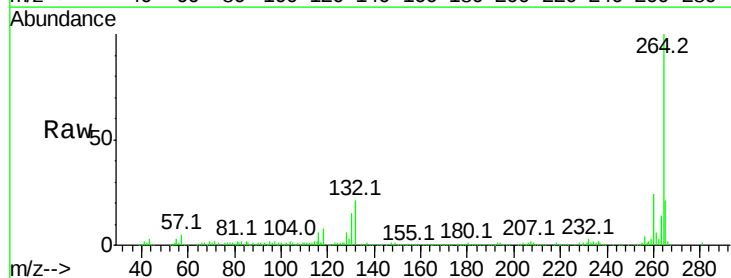
Tgt Ion:264 Resp: 220768

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 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

