

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102449.D
 Acq On : 26 Jan 2018 2:52
 Operator : SJ/JU
 Sample : J1289-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0

Quant Time: Jan 26 05:52:21 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

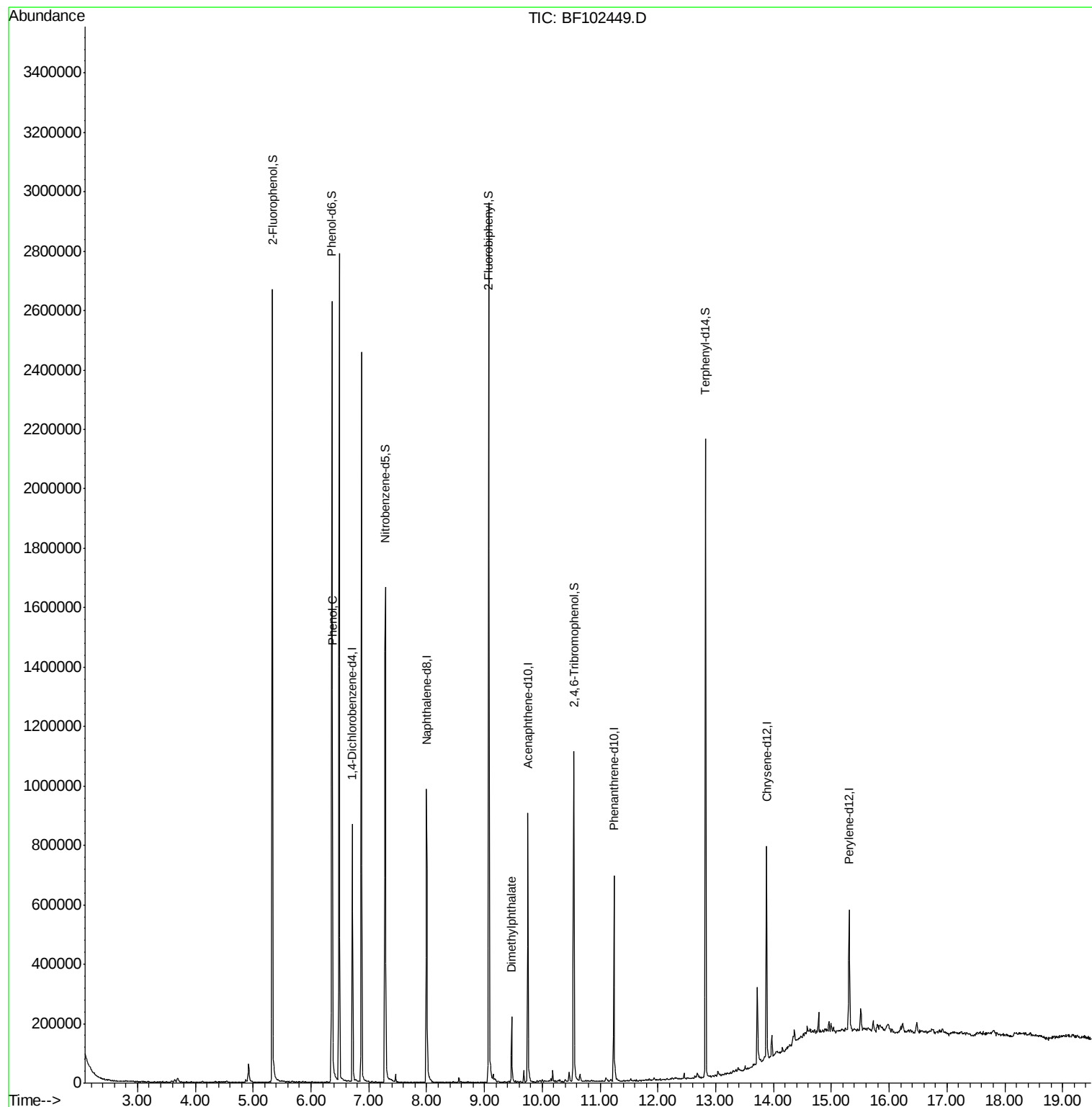
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124459	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	478486	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	174982	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	261721	20.00	ng	0.00
75) Chrysene-d12	13.88	240	256542	20.00	ng	0.00
86) Perylene-d12	15.31	264	193794	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	796658	97.06	ng	0.01
7) Phenol-d6	6.36	99	941136	95.10	ng	0.00
23) Nitrobenzene-d5	7.29	82	571851	68.68	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	134659	77.67	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	954298	80.19	ng	0.00
78) Terphenyl-d14	12.82	244	738976	64.94	ng	0.00
Target Compounds						
10) Phenol	6.37	94	39903	3.694	ng	95
49) Dimethylphthalate	9.47	163	95861	6.628	ng	99

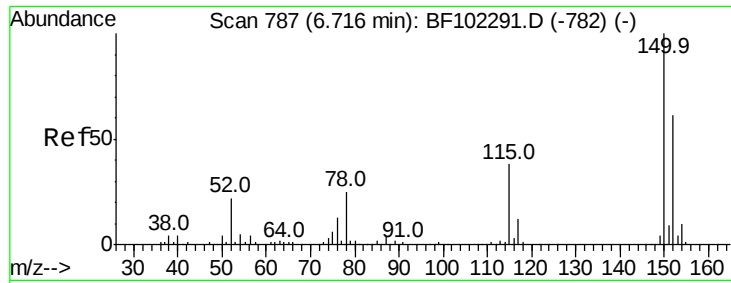
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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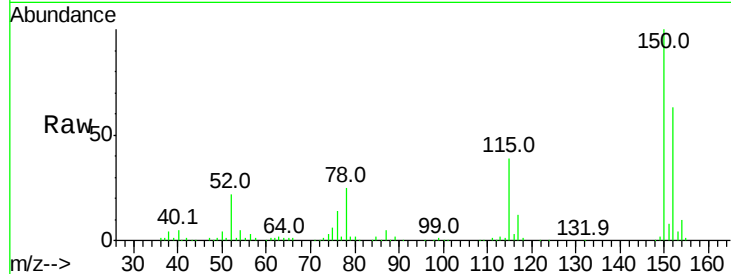


#1

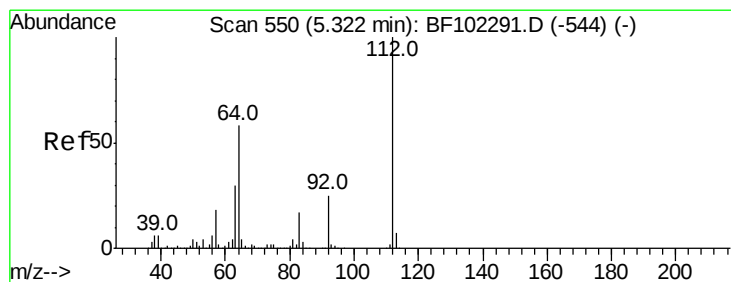
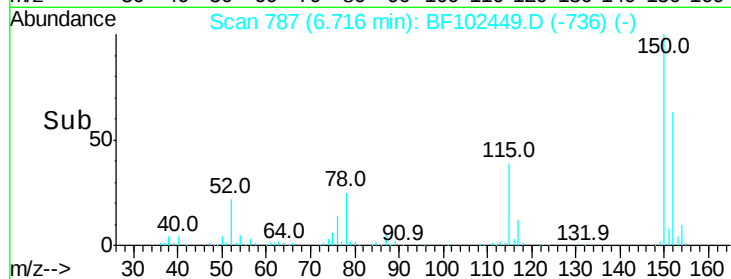
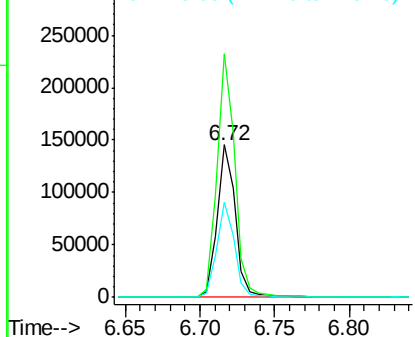
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0

Tot Ion:152 Resp: 124459
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 62.3 50.1 75.1



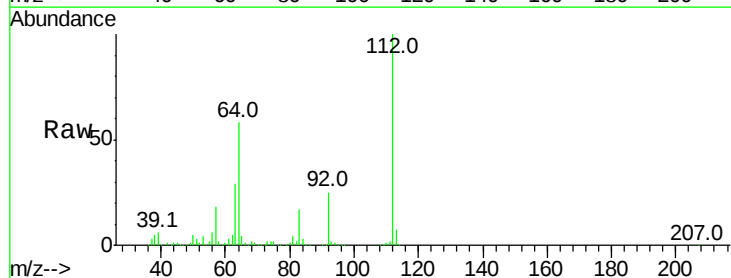
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



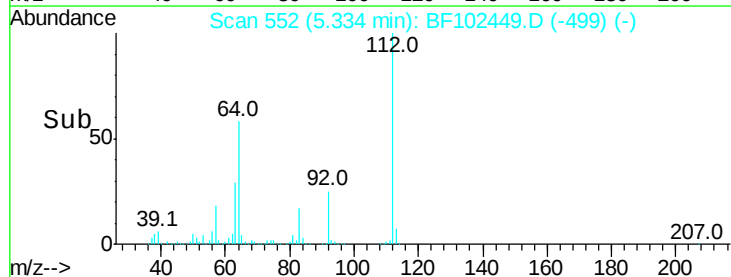
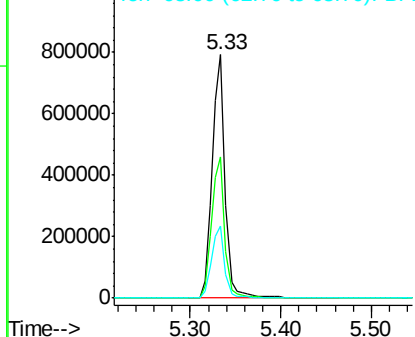
#5

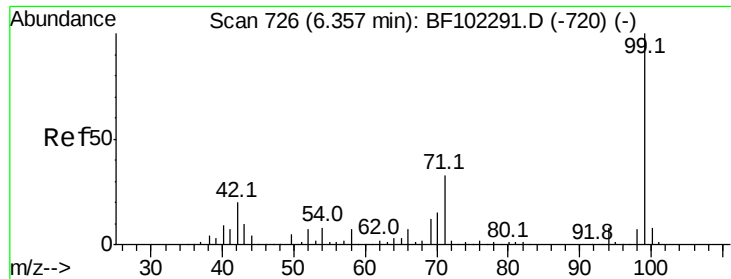
2-Fluorophenol
Concen: 97.055 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

Tgt Ion:112 Resp: 796658
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 29.4 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: 95.104 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0

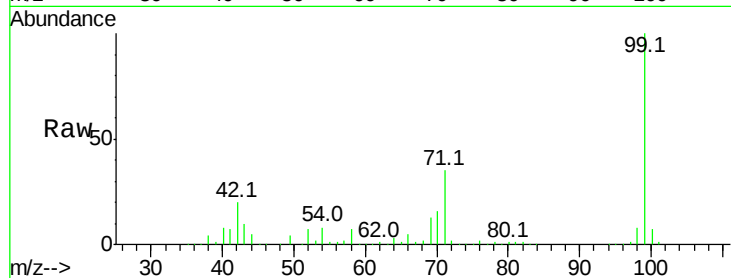
Tot Ion: 99 Resp: 941136

Ion Ratio Lower Upper

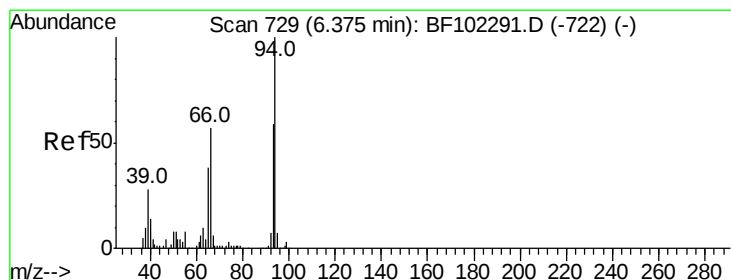
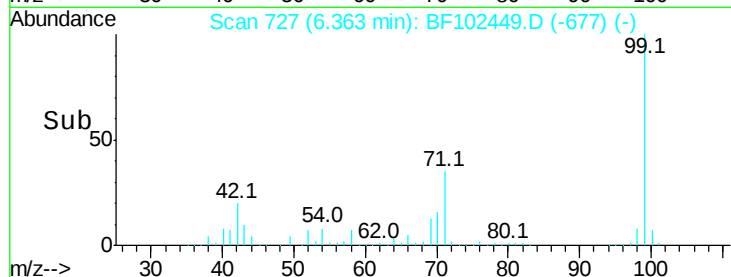
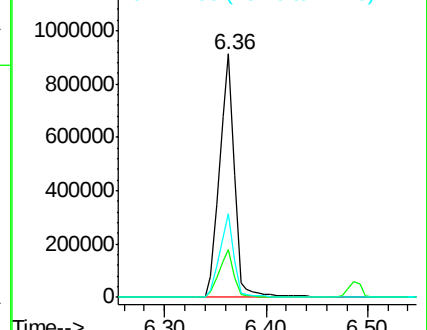
99 100

42 19.8 14.5 21.7

71 34.5 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



#10

Phenol

Concen: 3.694 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

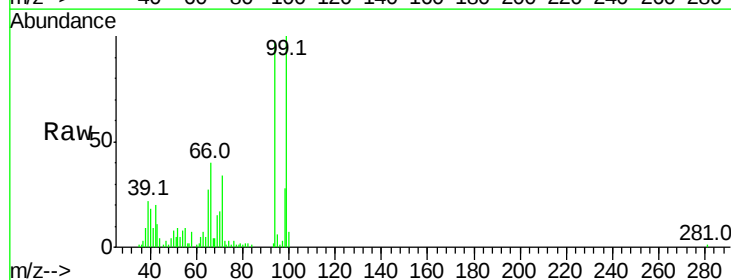
Tgt Ion: 94 Resp: 39903

Ion Ratio Lower Upper

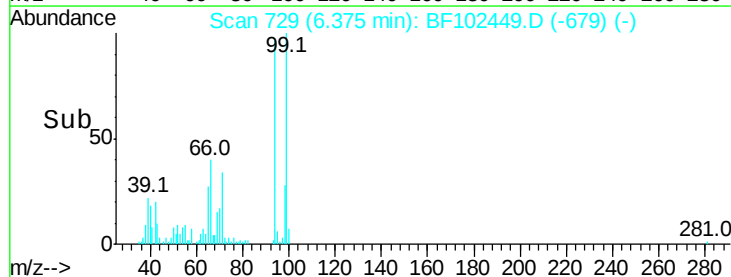
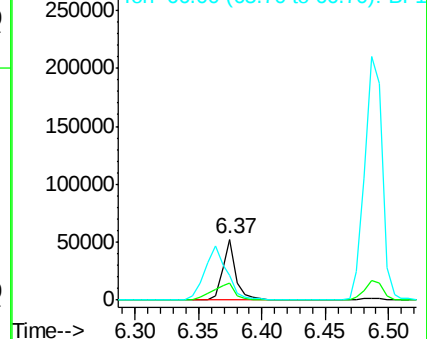
94 100

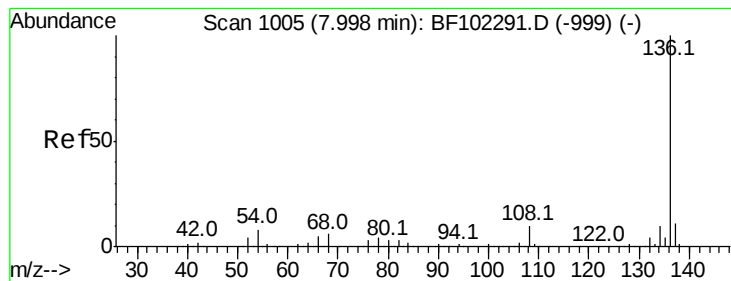
65 27.5 7.9 47.9

66 41.2 16.2 56.2



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: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0

Tot Ion:136 Resp: 478486

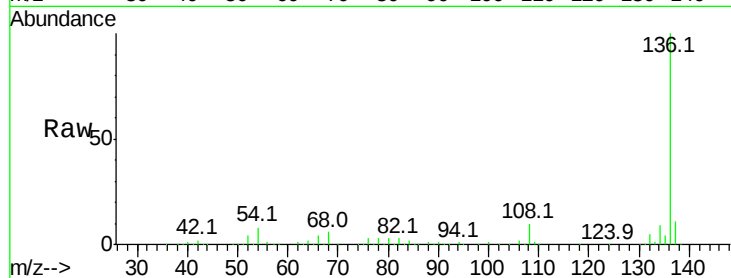
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.3 6.6 9.8

68 5.6 5.0 7.4

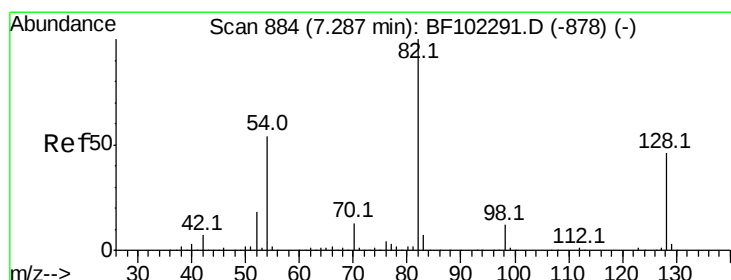
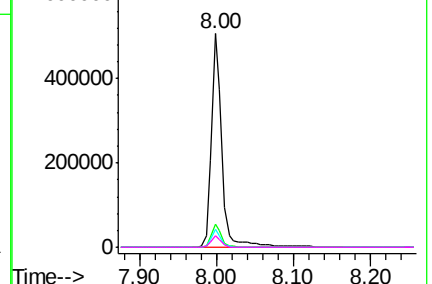
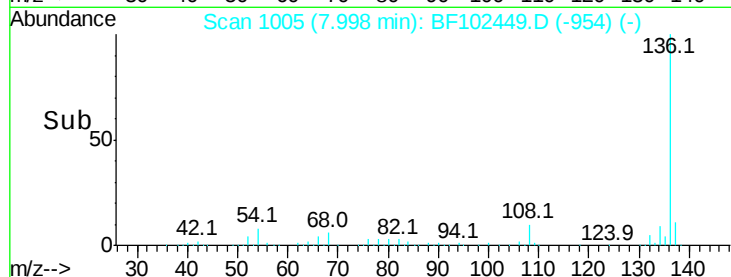


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.680 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

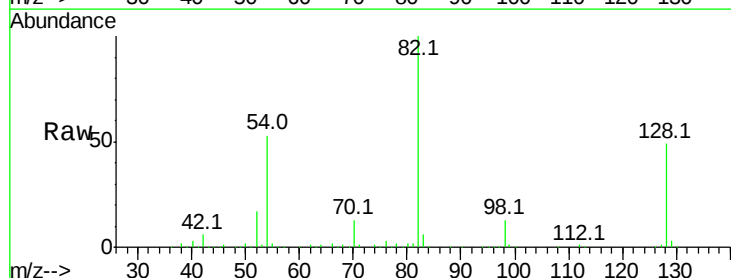
Tgt Ion: 82 Resp: 571851

Ion Ratio Lower Upper

82 100

128 49.1 36.1 54.1

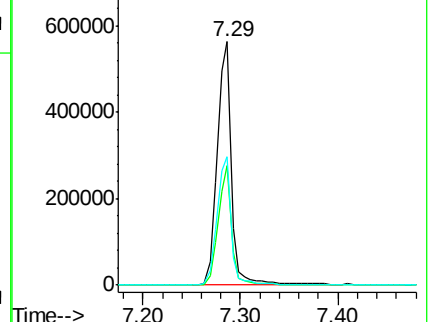
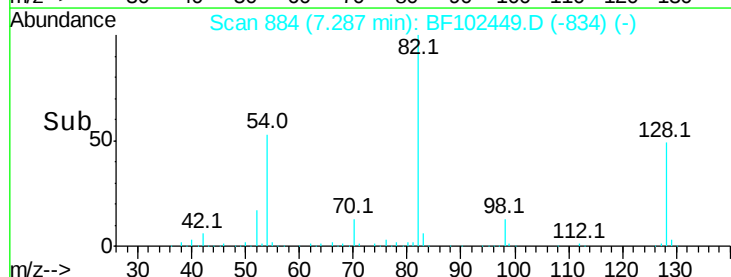
54 52.9 41.4 62.2

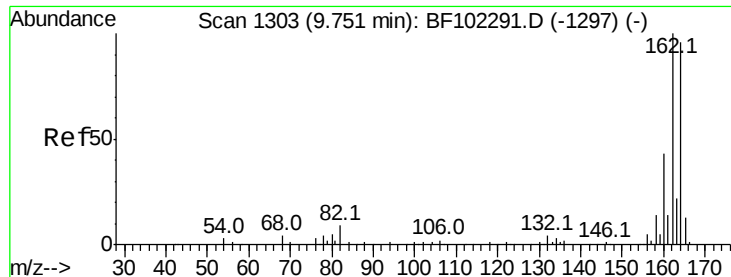


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0

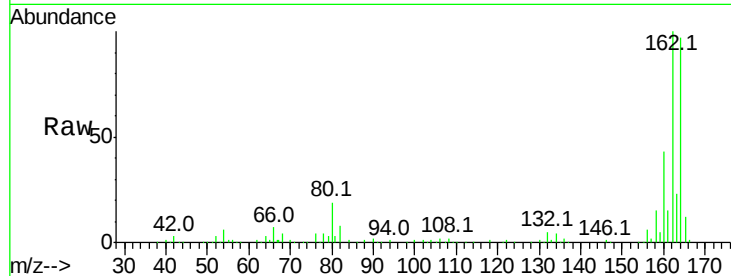
Tot Ion:164 Resp: 174982

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

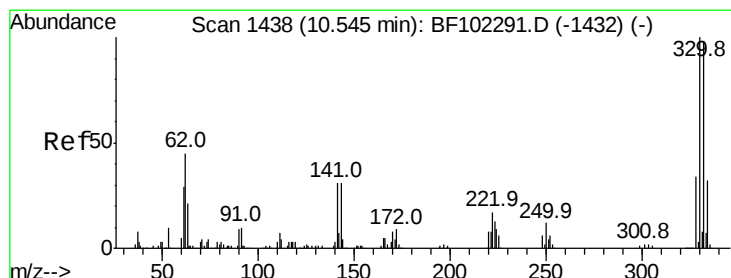
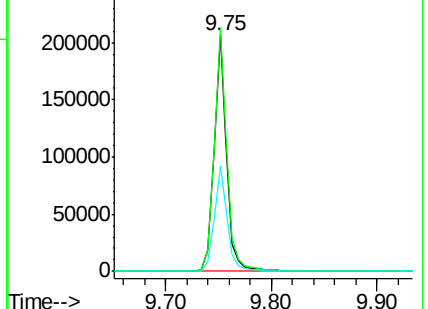
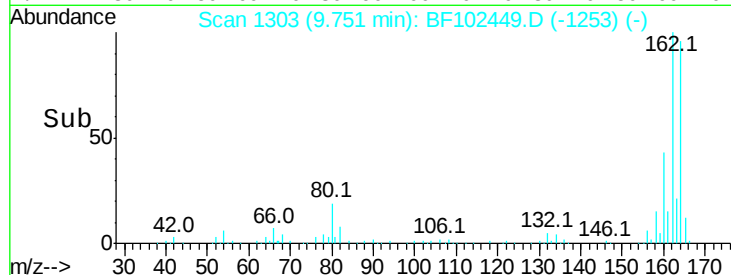
160 44.8 38.3 57.5



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: 77.666 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

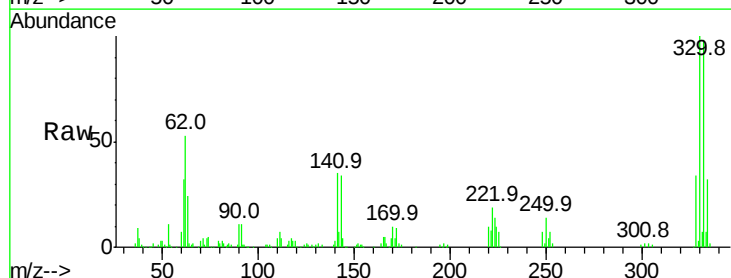
Tgt Ion:330 Resp: 134659

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

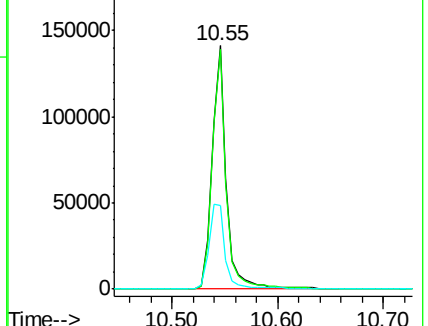
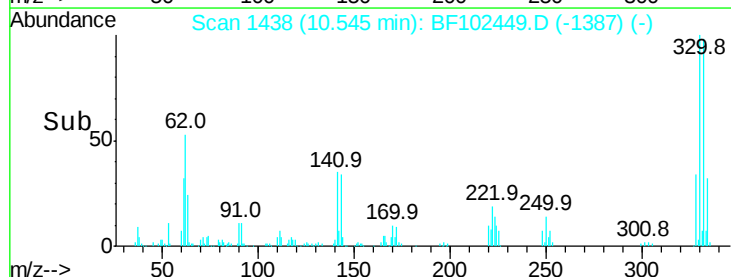
141 39.9 29.9 44.9

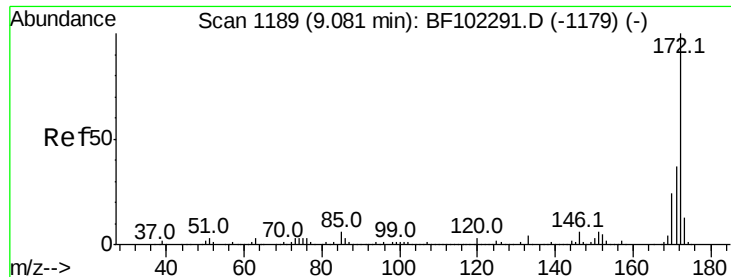


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

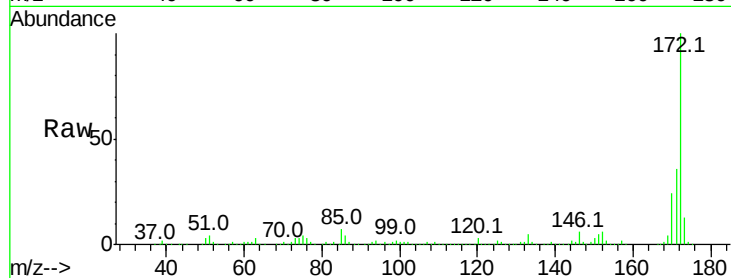




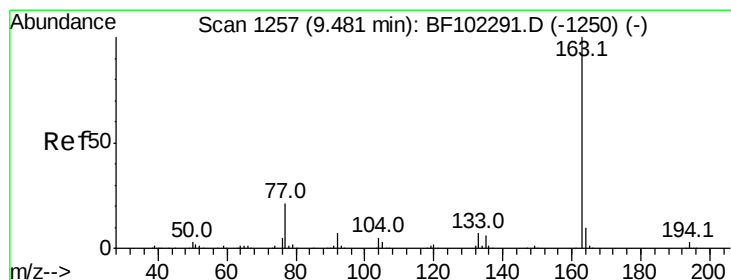
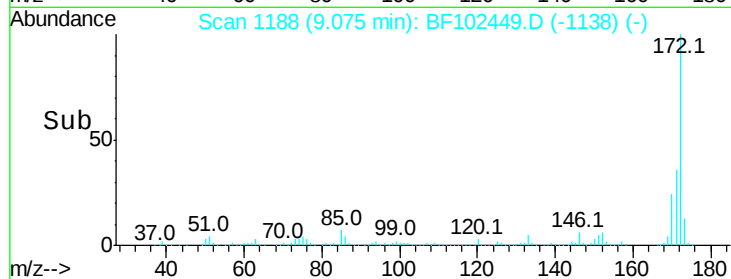
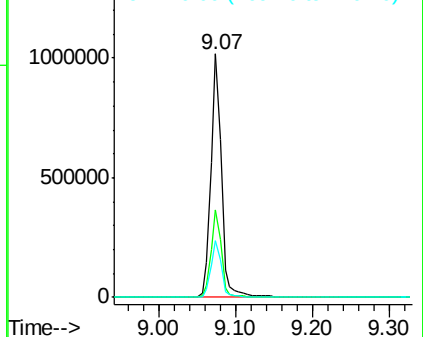
#44
2-Fluorobiphenyl
Concen: 80.189 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

Instrument :
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ClientSampleId :
SB-08-9.5-10.0

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	19.6	29.4

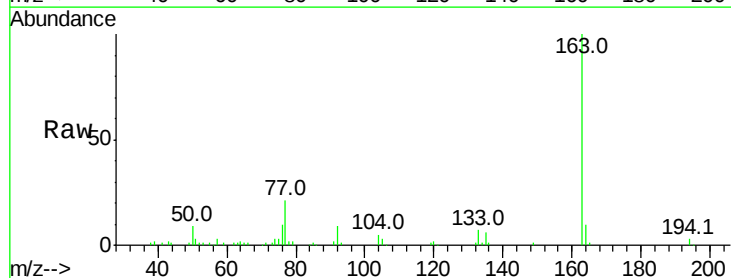


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

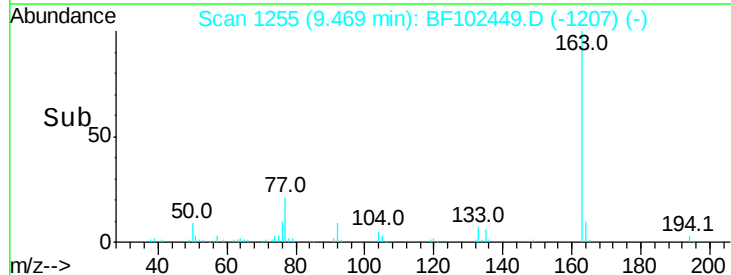
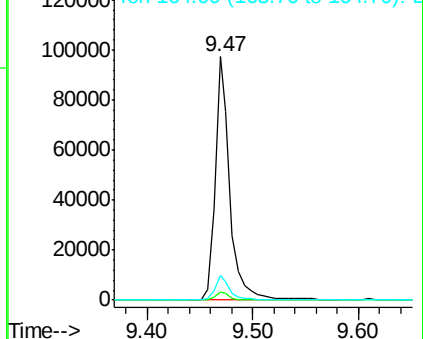


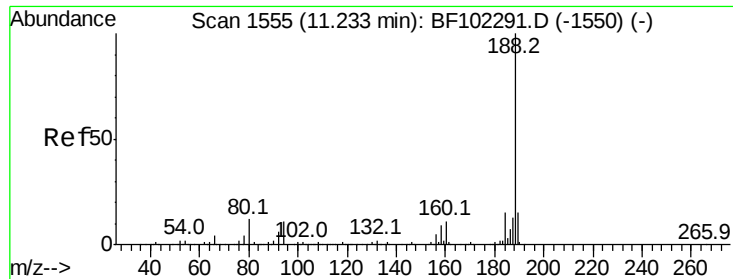
#49
Dimethylphthalate
Concen: 6.628 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.4	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

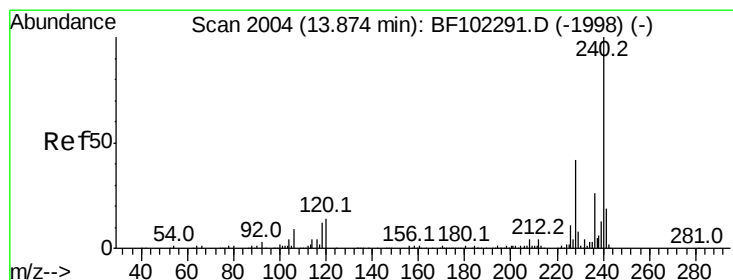
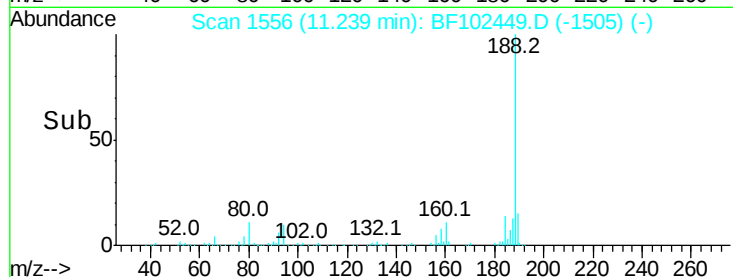
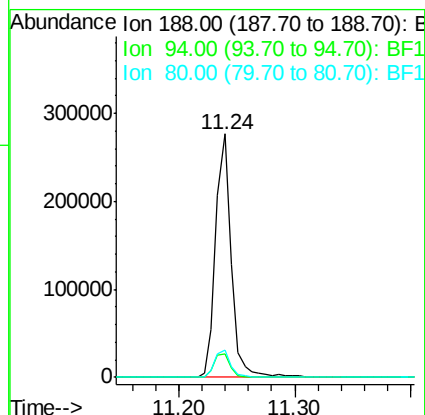
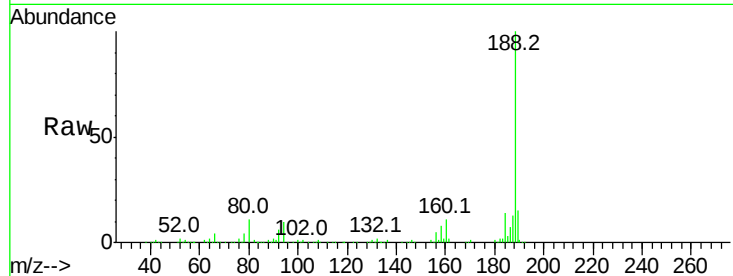




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

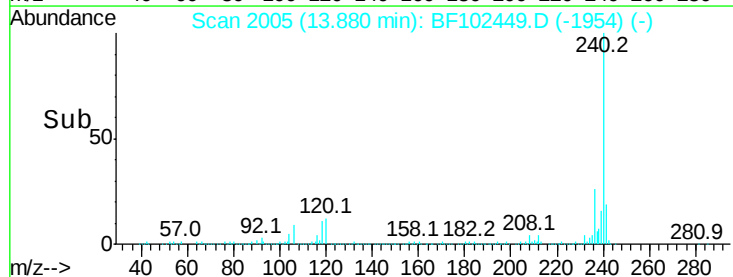
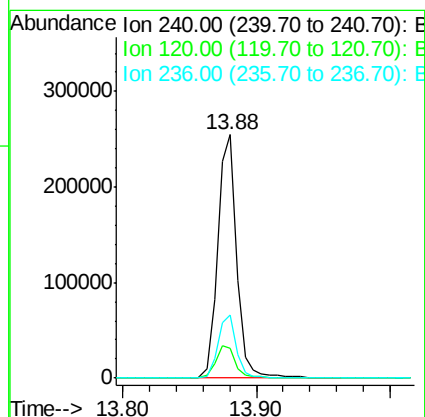
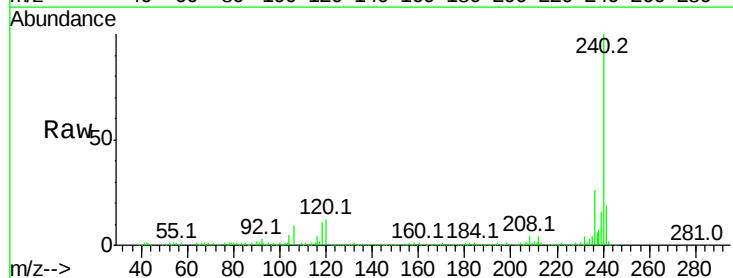
Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0

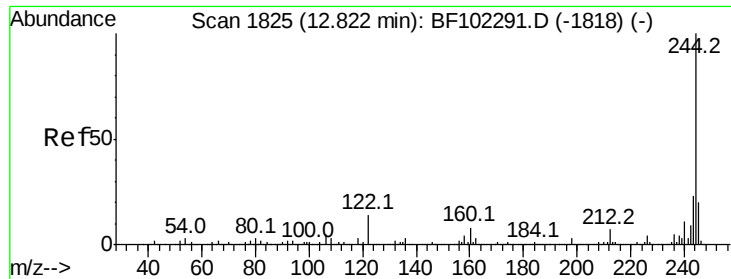
Tot Ion:188 Resp: 261721
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF102449.D
Acq: 26 Jan 2018 2:52

Tgt Ion:240 Resp: 256542
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 64.937 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102449.D

Acq: 26 Jan 2018 2:52

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0

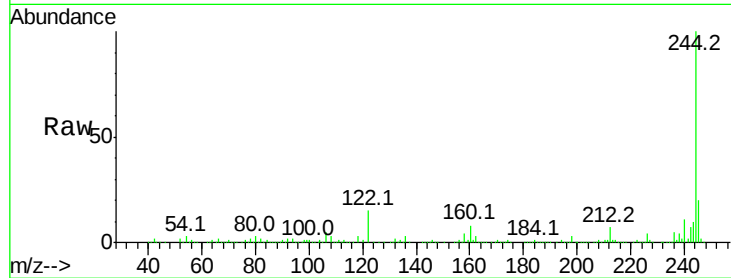
Tot Ion:244 Resp: 738976

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

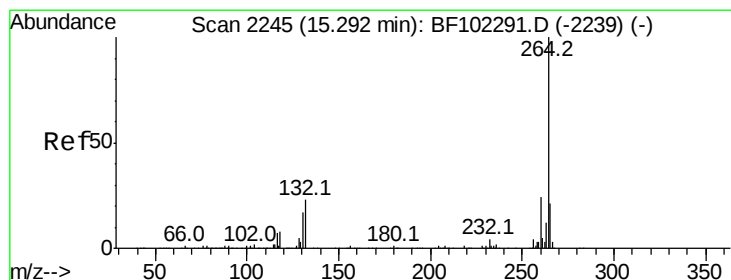
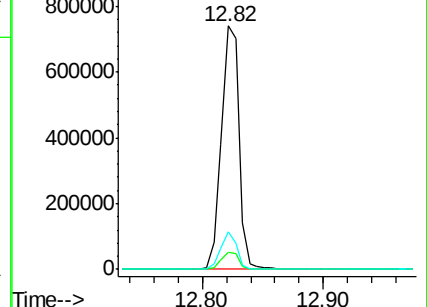
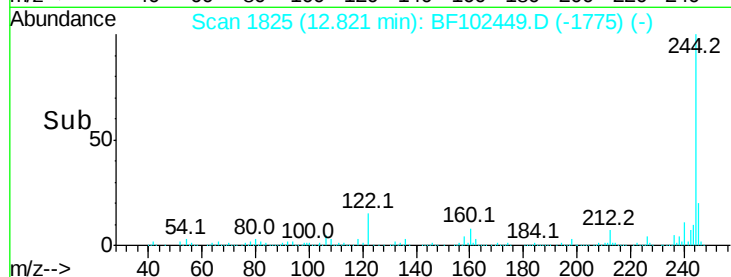
122 15.2 11.0 16.4



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: BF102449.D

Acq: 26 Jan 2018 2:52

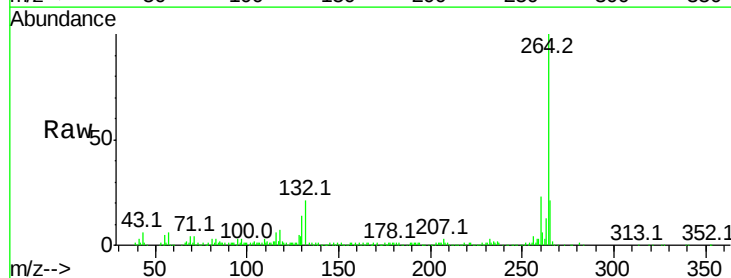
Tgt Ion:264 Resp: 193794

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.6 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

