

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102766.D
 Acq On : 6 Feb 2018 4:51
 Operator : SJ/JU
 Sample : J1454-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-6-EW(4-8)

Quant Time: Feb 06 07:36:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

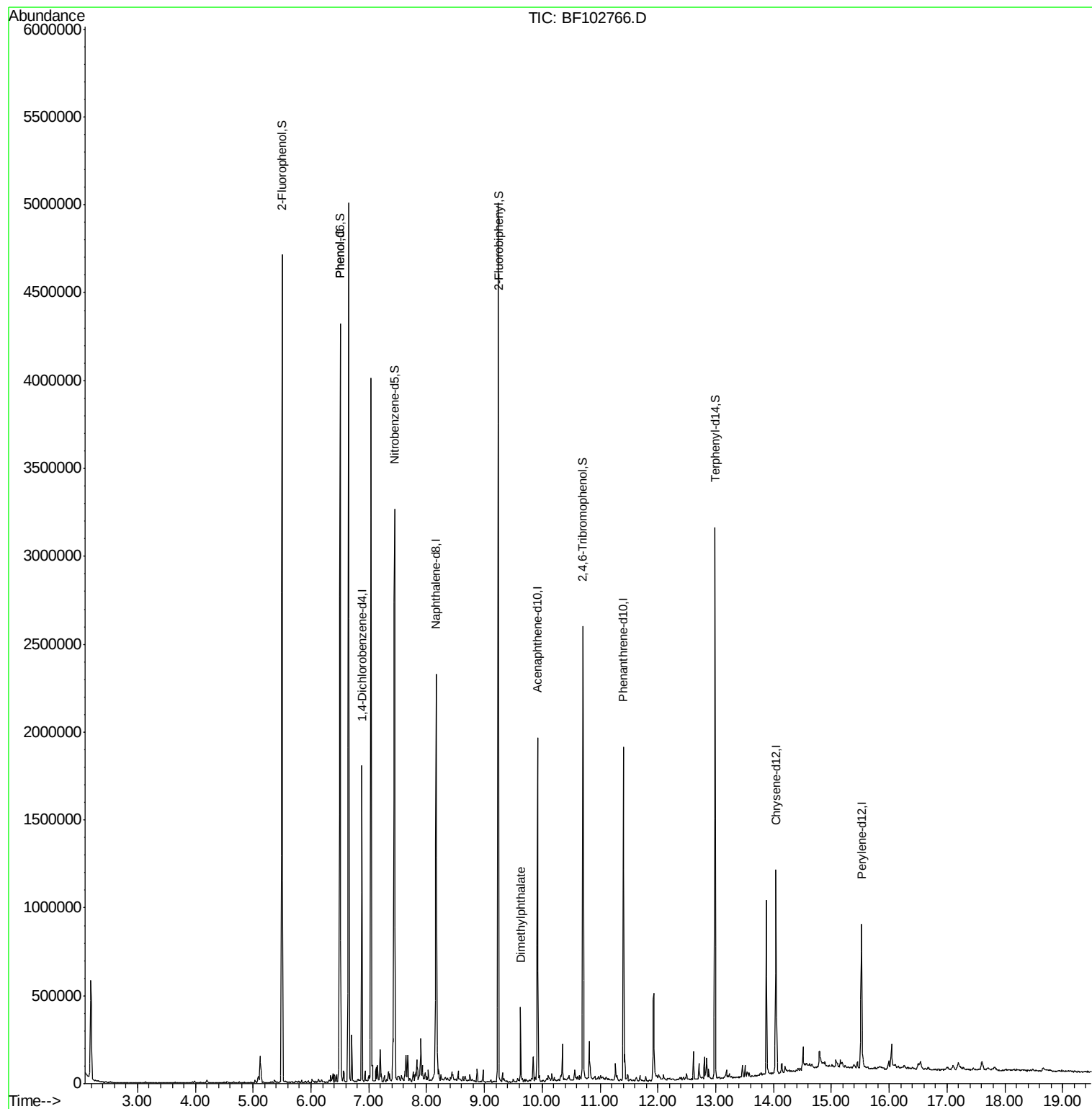
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	230336	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	946696	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	409530	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	609786	20.00	ng	0.00
75) Chrysene-d12	14.04	240	386861	20.00	ng	-0.01
86) Perylene-d12	15.52	264	352697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1422189	93.77	ng	0.01
7) Phenol-d6	6.51	99	1679789	91.98	ng	0.00
23) Nitrobenzene-d5	7.45	82	1051631	77.06	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	320276	97.16	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1549533	62.78	ng	0.00
78) Terphenyl-d14	12.99	244	1069971	65.49	ng	0.00
Target Compounds						
10) Phenol	6.52	94	43474	2.221	ng	83
49) Dimethylphthalate	9.63	163	143468	4.493	ng	99

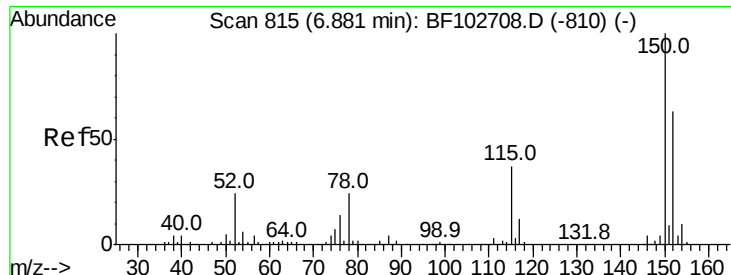
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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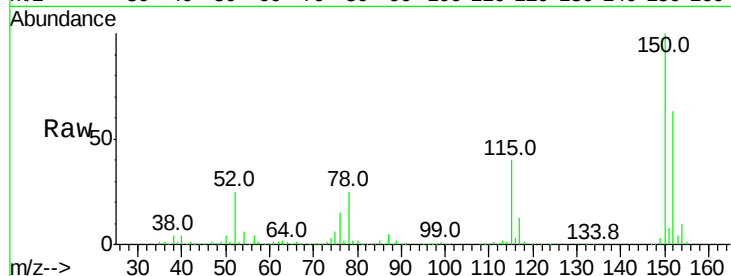


#1

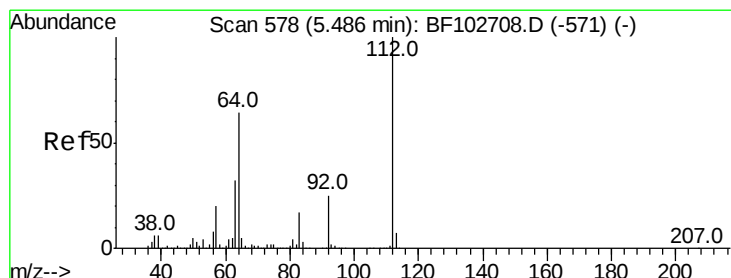
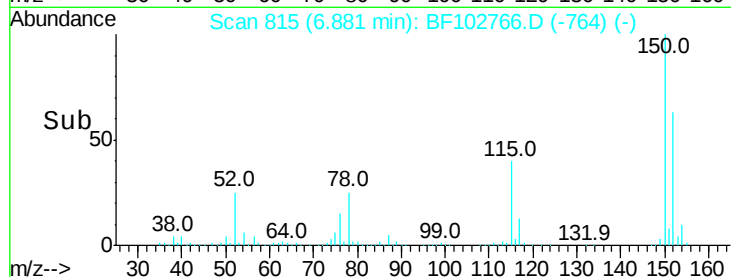
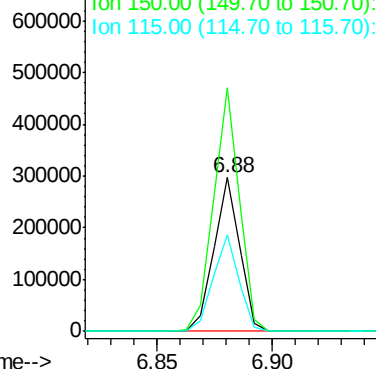
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102766.D
Acq: 6 Feb 2018 4:51

Instrument :
BNA_F
ClientSampleId :
8-SAN-6-EW(4-8)

Tot Ion:152 Resp: 230336
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 63.0 50.1 75.1



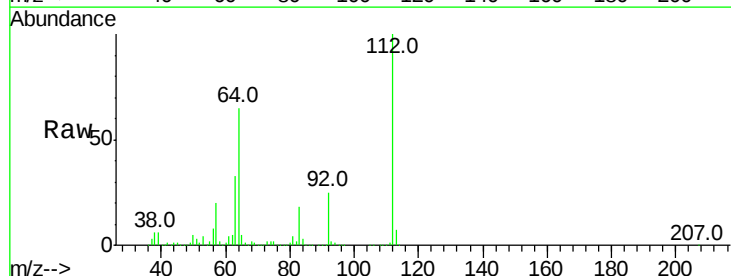
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



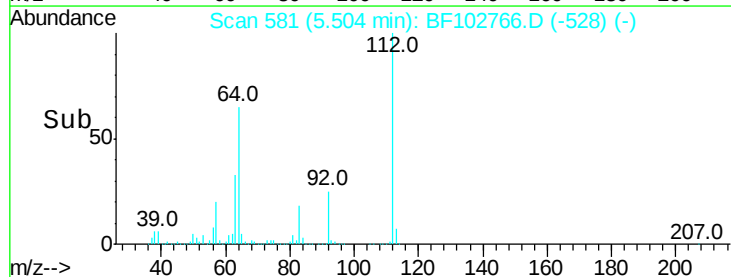
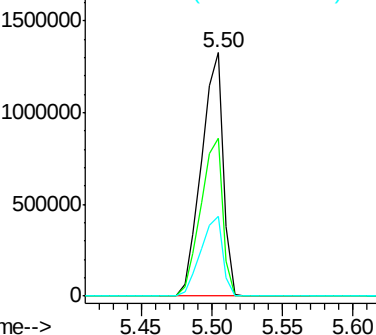
#5

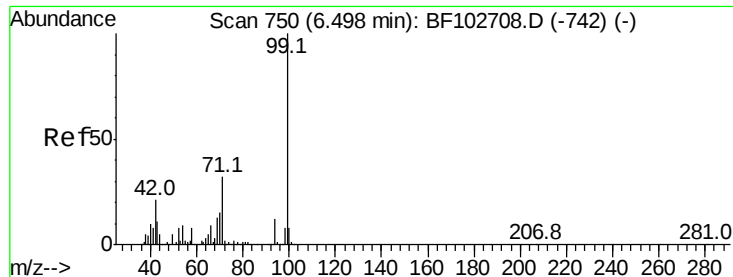
2-Fluorophenol
Concen: 93.769 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102766.D
Acq: 6 Feb 2018 4:51

Tgt Ion:112 Resp: 1422189
Ion Ratio Lower Upper
112 100
64 64.8 47.9 71.9
63 32.5 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: 91.982 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102766.D

Acq: 6 Feb 2018 4:51

Instrument :

BNA_F

ClientSampleId :

8-SAN-6-EW(4-8)

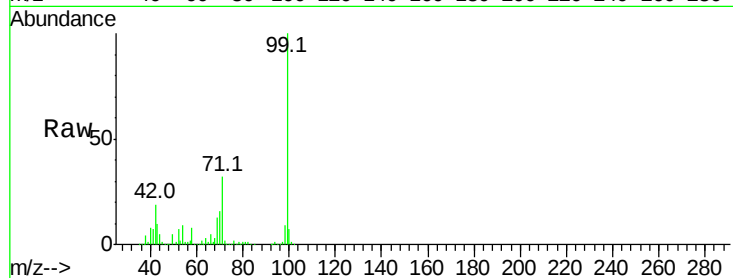
Tot Ion: 99 Resp: 1679789

Ion Ratio Lower Upper

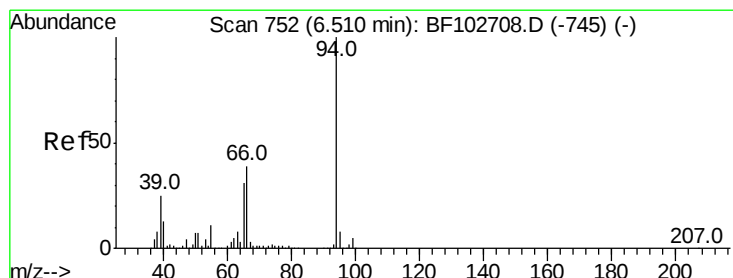
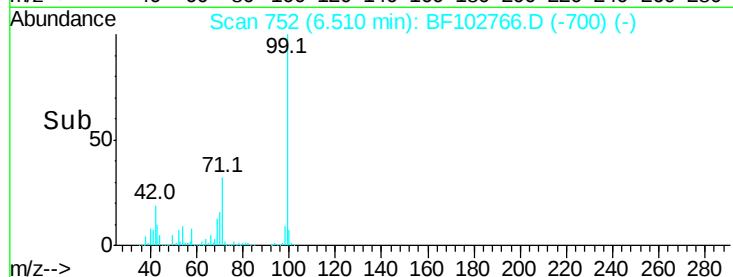
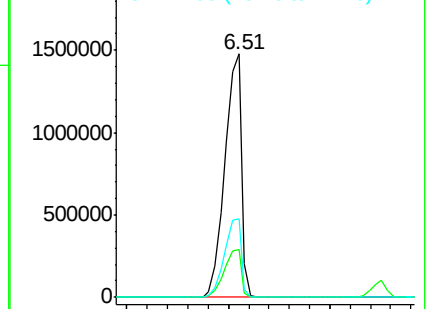
99 100

42 19.5 14.5 21.7

71 32.5 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: 2.221 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102766.D

Acq: 6 Feb 2018 4:51

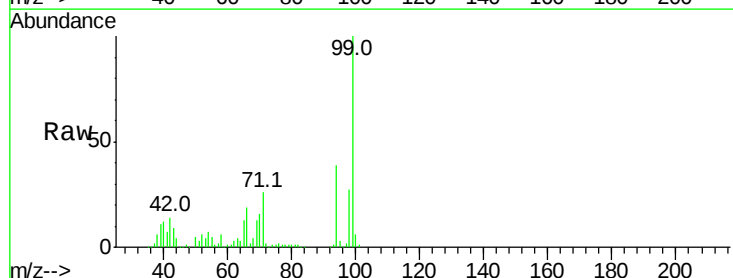
Tgt Ion: 94 Resp: 43474

Ion Ratio Lower Upper

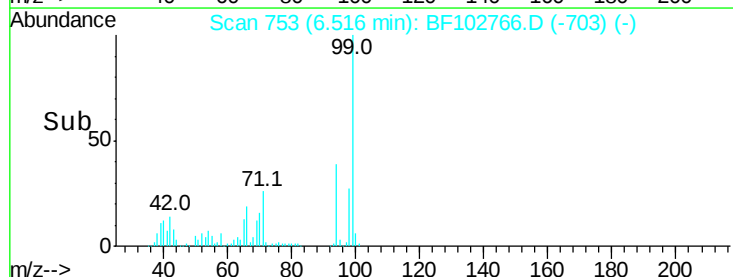
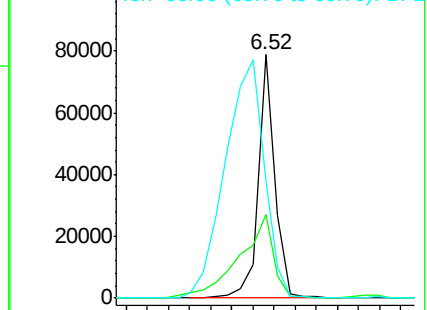
94 100

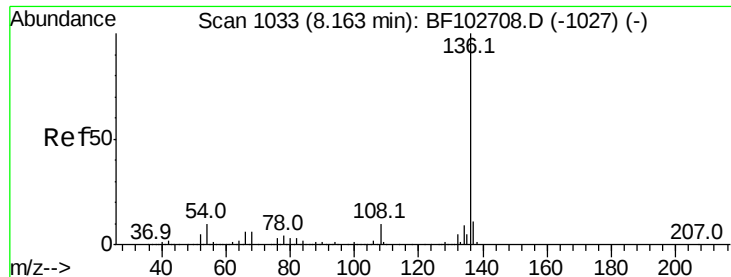
65 34.4 7.9 47.9

66 47.9 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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102766.D

Acq: 6 Feb 2018 4:51

Instrument :

BNA_F

ClientSampleId :

8-SAN-6-EW(4-8)

Tot Ion:136 Resp: 946696

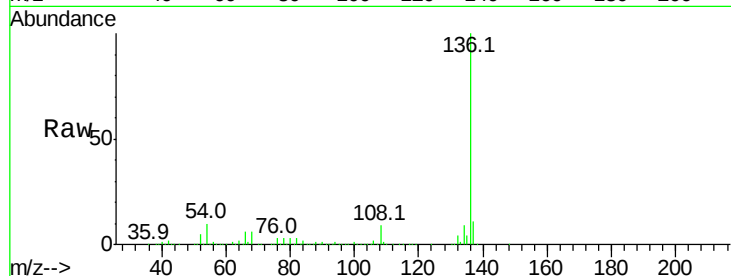
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.8 6.6 9.8

68 6.3 5.0 7.4

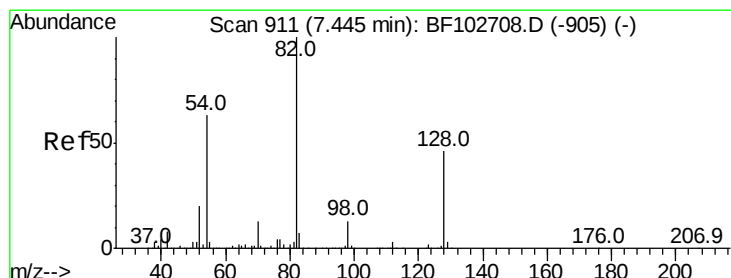
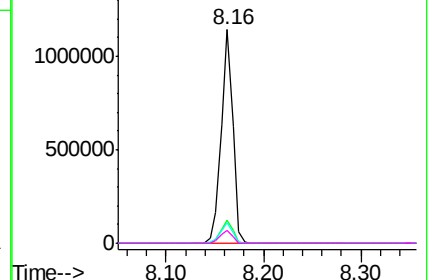
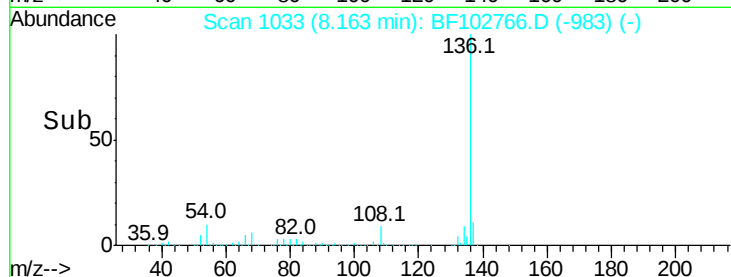


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.060 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102766.D

Acq: 6 Feb 2018 4:51

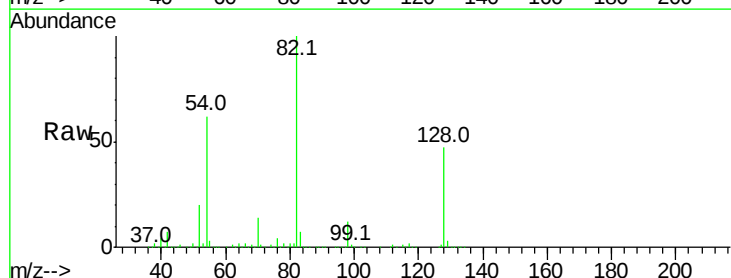
Tgt Ion: 82 Resp: 1051631

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

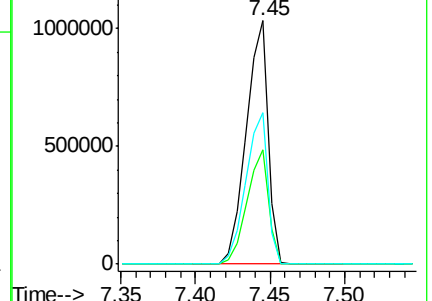
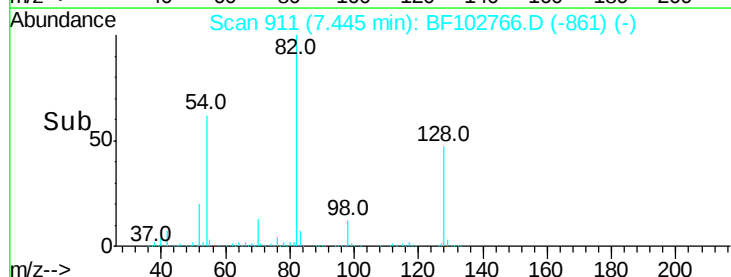
54 62.3 41.4 62.2#

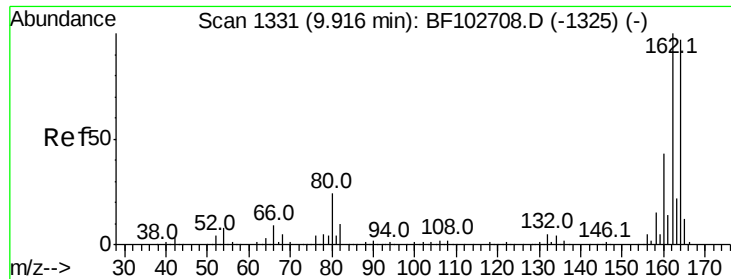


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

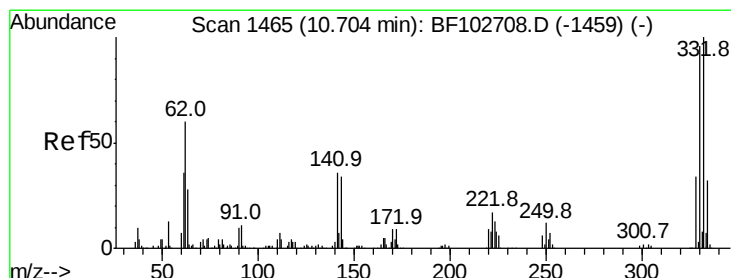
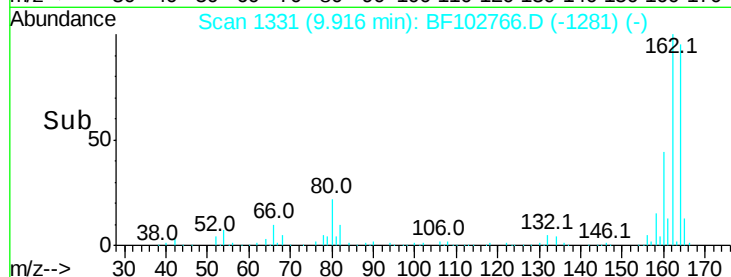
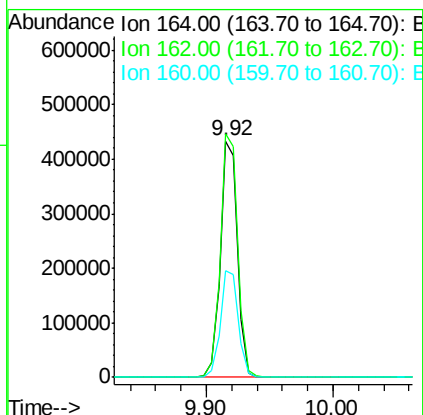
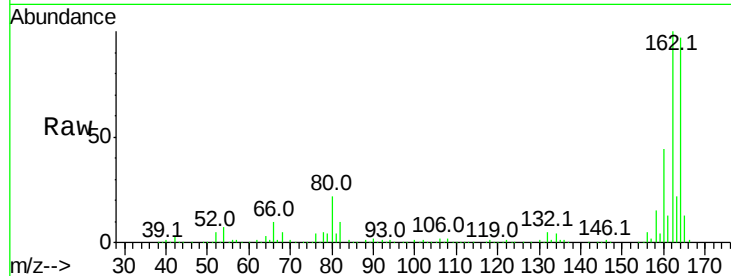




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF102766.D
 Acq: 6 Feb 2018 4:51

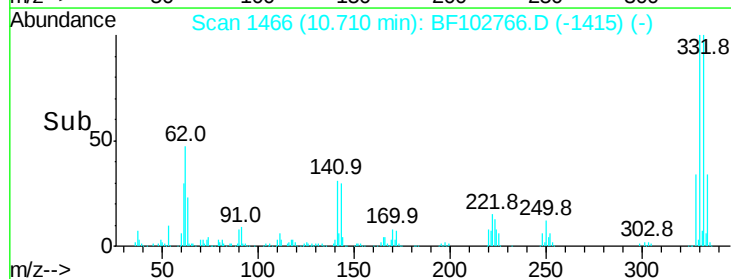
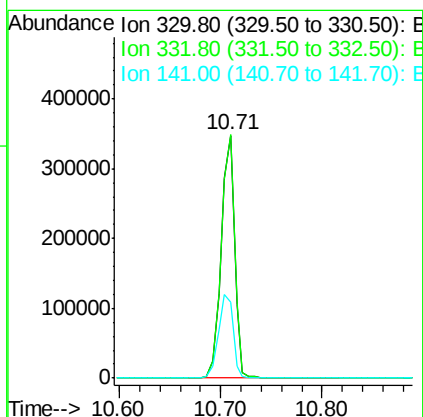
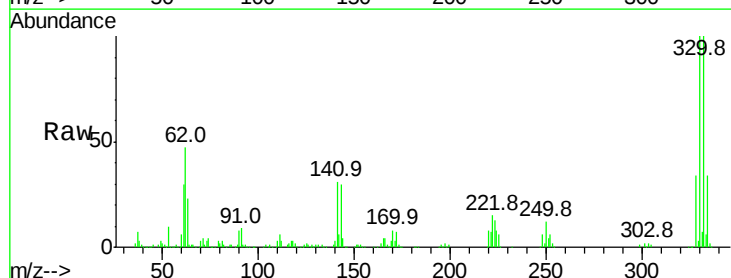
Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-6-EW(4-8)

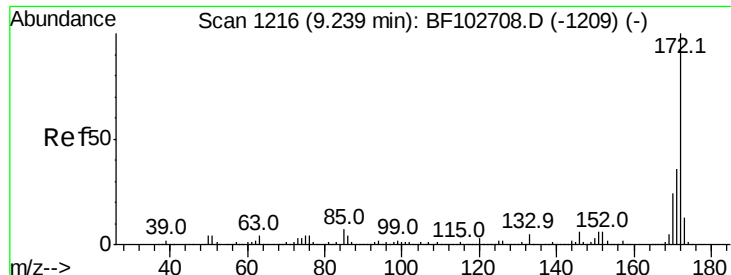
Tot Ion:164 Resp: 409530
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 44.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 97.164 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102766.D
 Acq: 6 Feb 2018 4:51

Tgt Ion:330 Resp: 320276
 Ion Ratio Lower Upper
 330 100
 332 100.2 77.0 115.6
 141 37.5 29.9 44.9

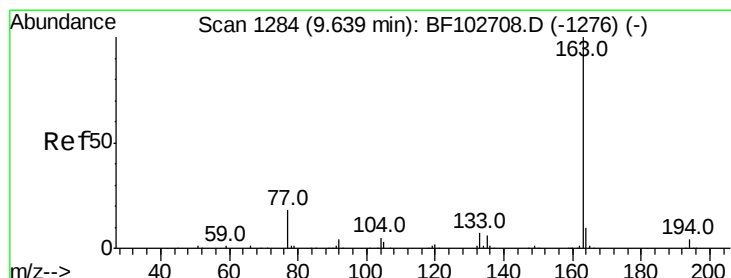
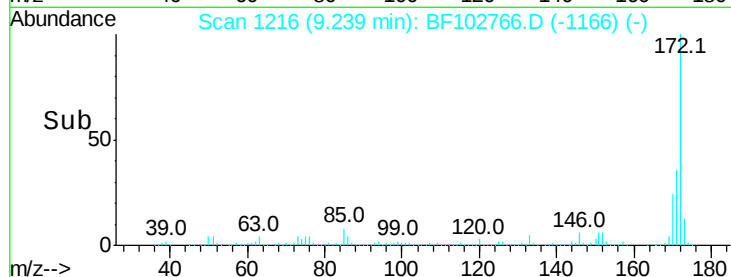
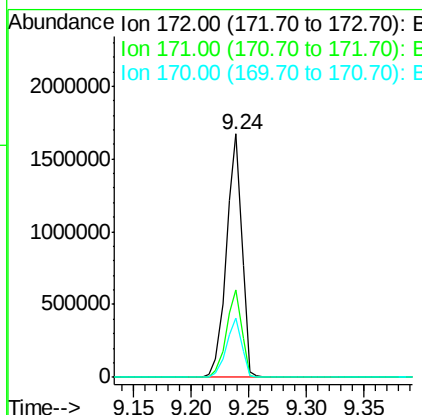
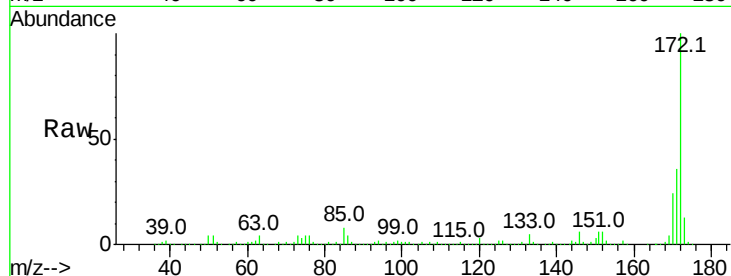




#44
2-Fluorobiphenyl
Concen: 62.785 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102766.D
Acq: 6 Feb 2018 4:51

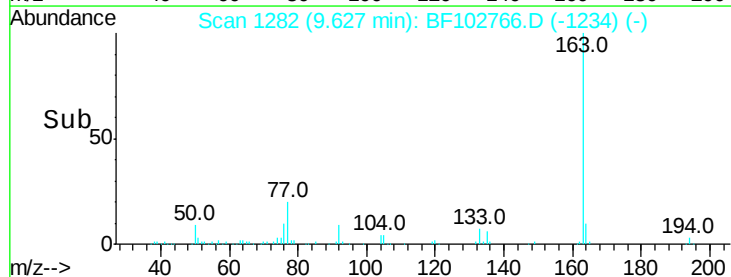
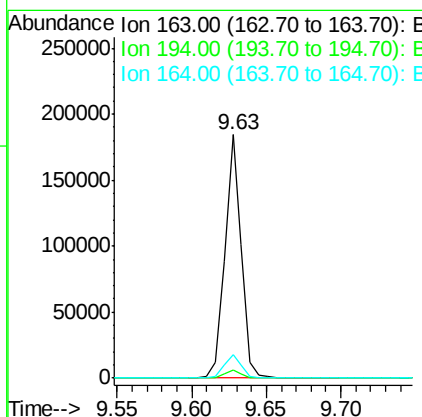
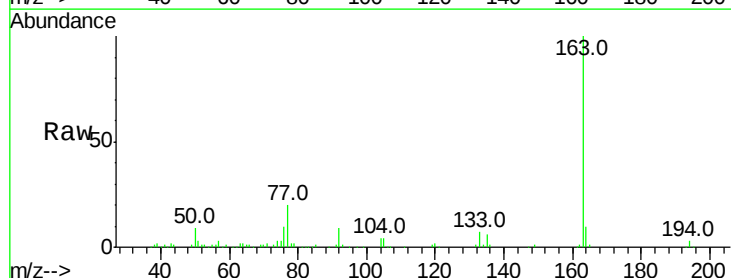
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8-SAN-6-EW(4-8)

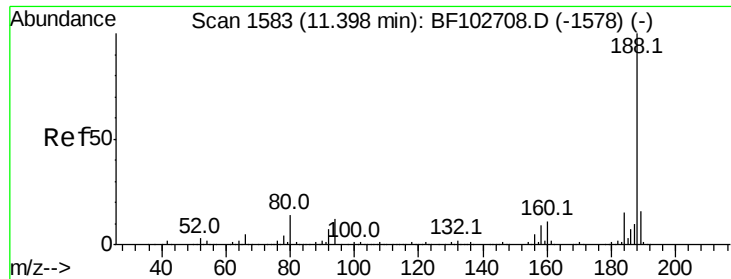
Tot Ion:172 Resp: 1549533
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 4.493 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102766.D
Acq: 6 Feb 2018 4:51

Tgt Ion:163 Resp: 143468
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.5 8.2 12.2

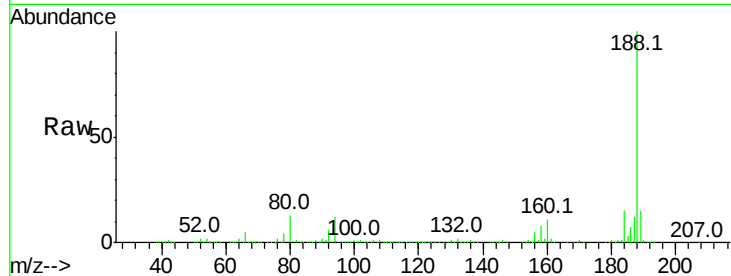




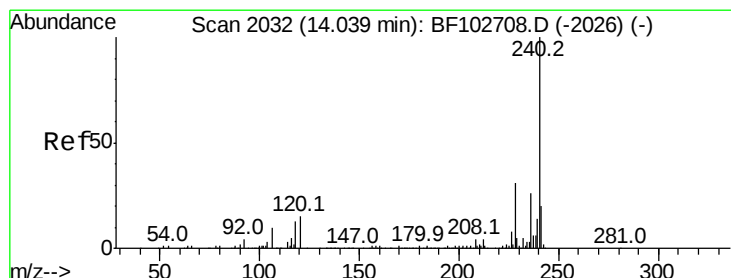
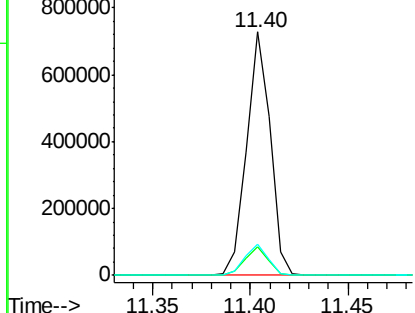
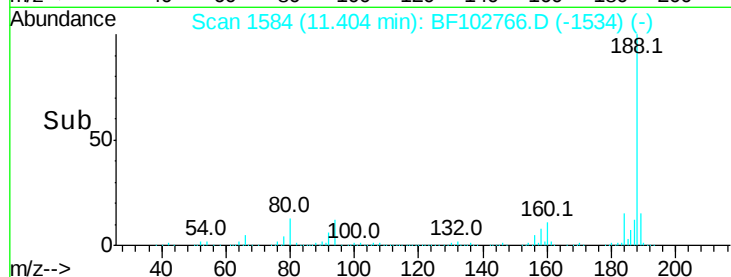
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102766.D
Acq: 6 Feb 2018 4:51

Instrument :
BNA_F
ClientSampleId :
8-SAN-6-EW(4-8)

Tot Ion:188 Resp: 609786
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.9 9.2 13.8

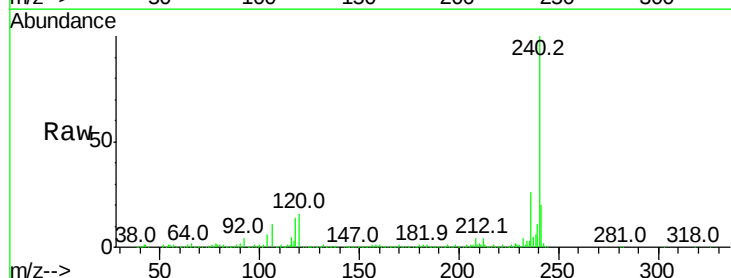


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

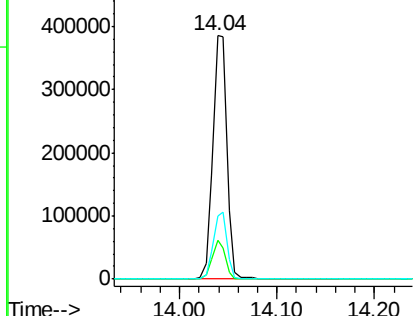
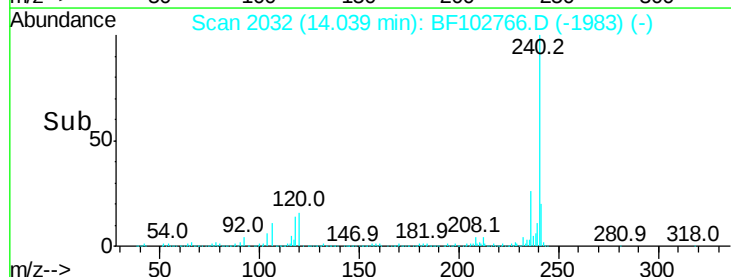


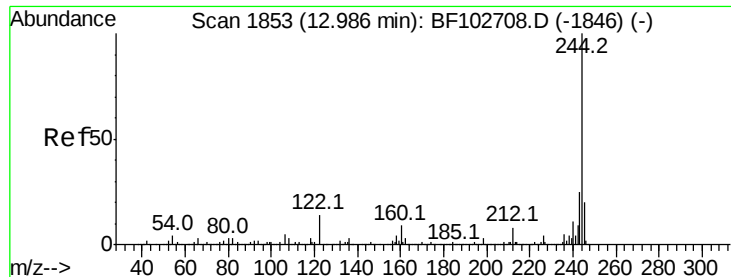
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102766.D
Acq: 6 Feb 2018 4:51

Tgt Ion:240 Resp: 386861
Ion Ratio Lower Upper
240 100
120 16.0 9.5 14.3#
236 26.2 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: 65.487 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102766.D

Acq: 6 Feb 2018 4:51

Instrument :

BNA_F

ClientSampleId :

8-SAN-6-EW(4-8)

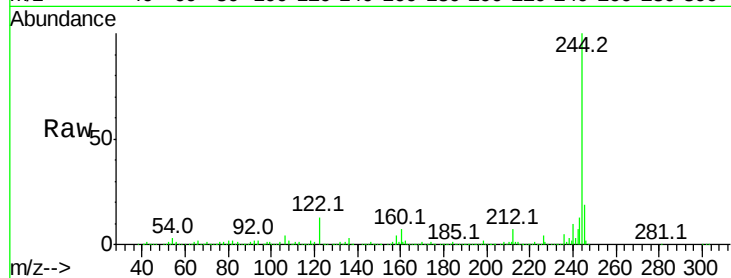
Tot Ion:244 Resp: 1069971

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

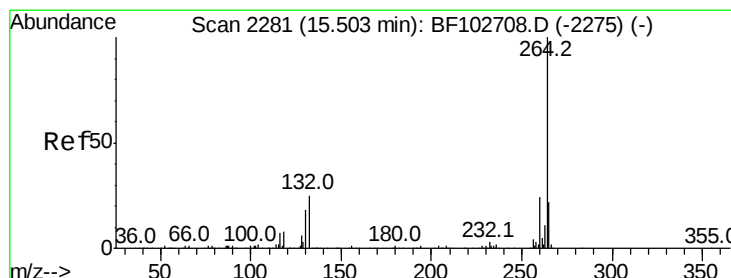
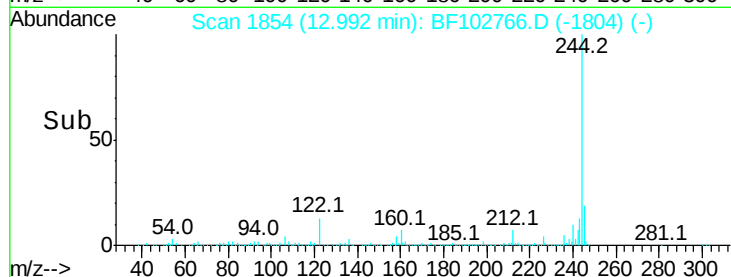
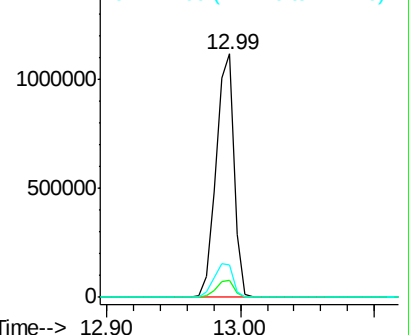
122 13.1 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102766.D

Acq: 6 Feb 2018 4:51

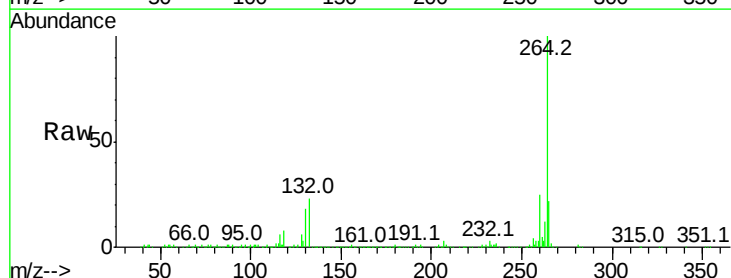
Tgt Ion:264 Resp: 352697

Ion Ratio Lower Upper

264 100

260 24.8 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

