

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102305.D
 Acq On : 22 Jan 2018 17:58
 Operator : SJ/JU
 Sample : J1228-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Jan 23 01:29:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

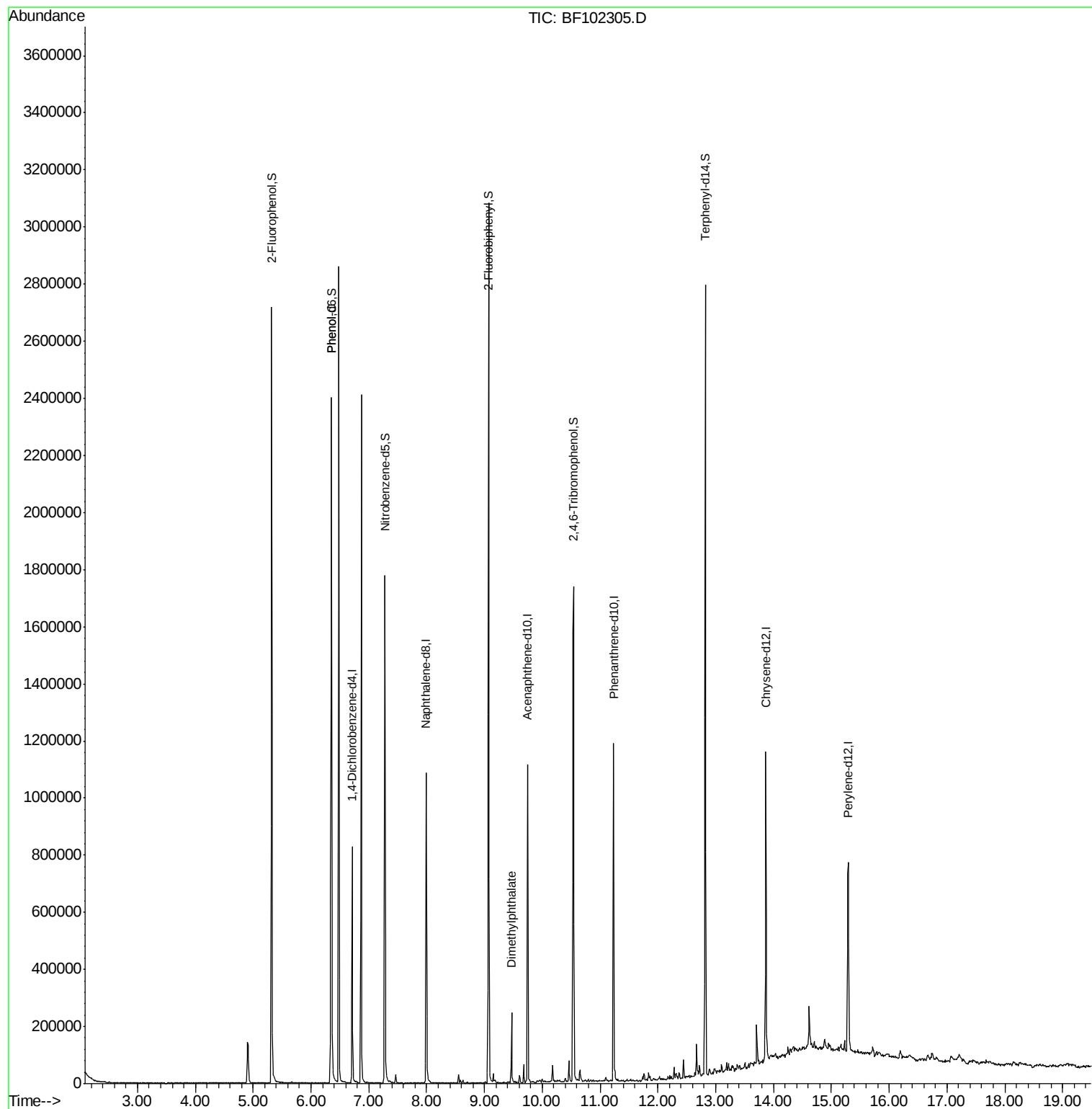
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	127772	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	536909	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	239291	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	411692	20.00	ng	0.00
75) Chrysene-d12	13.87	240	330593	20.00	ng	0.00
86) Perylene-d12	15.29	264	296877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	792412	94.03	ng	0.00
7) Phenol-d6	6.36	99	958773	94.37	ng	0.00
23) Nitrobenzene-d5	7.28	82	582304	62.33	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	212566	89.65	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1043128	64.10	ng	0.00
78) Terphenyl-d14	12.82	244	952689	64.97	ng	0.00
Target Compounds						
10) Phenol	6.36	94	44607	4.022	ng	87
49) Dimethylphthalate	9.47	163	98544	4.982	ng	98

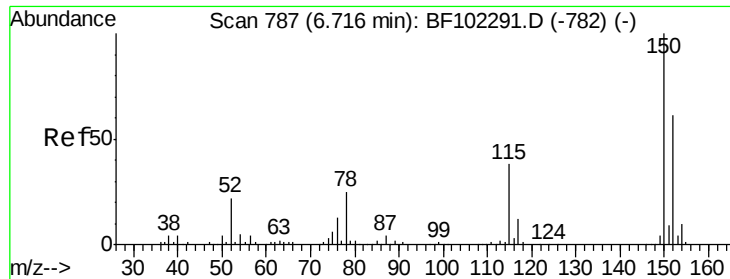
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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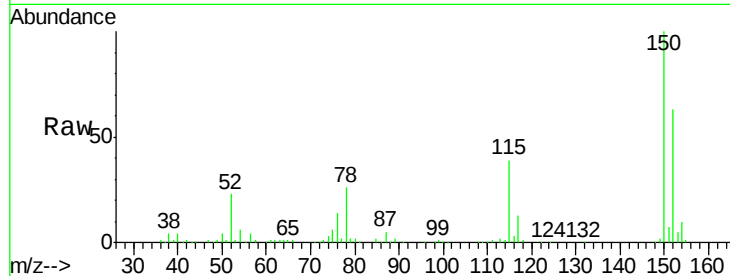


#1

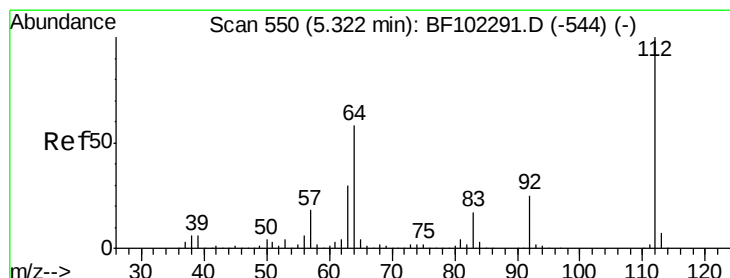
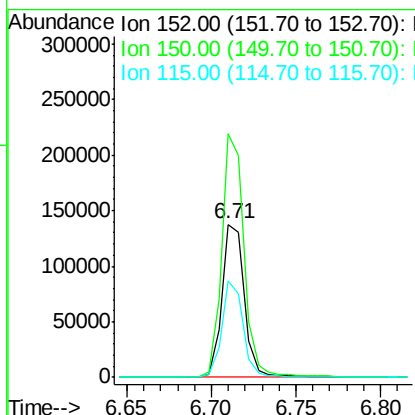
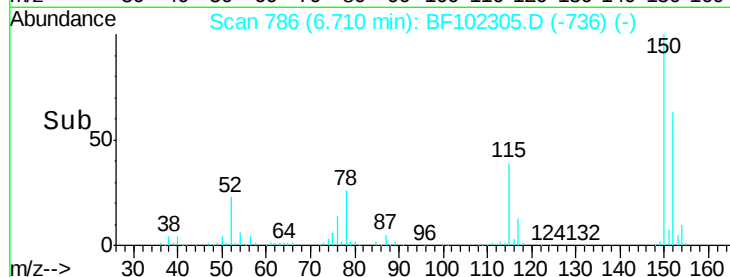
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tot Ion:152 Resp: 127772
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 62.6 50.1 75.1



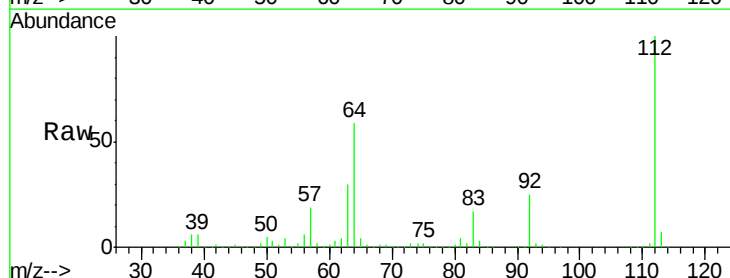
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



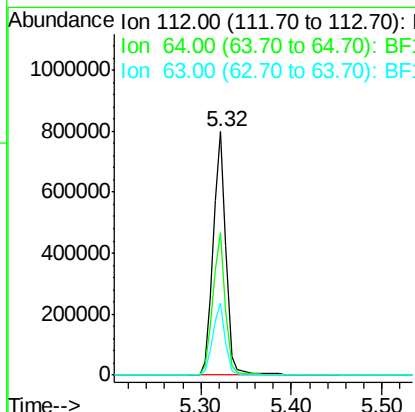
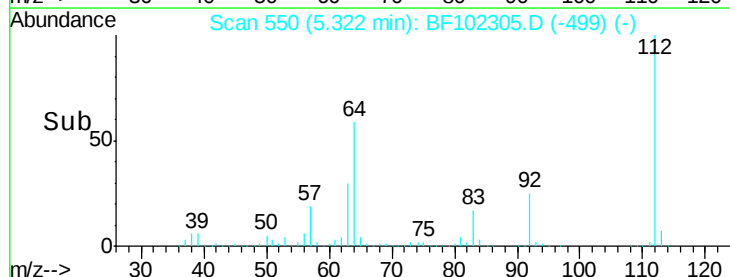
#5

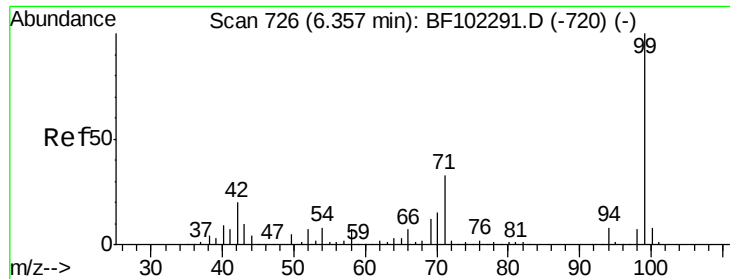
2-Fluorophenol
 Concen: 94.035 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

Tgt Ion:112 Resp: 792412
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.9 71.9
 63 29.7 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: 94.374 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

Instrument :

BNA_F

ClientSampleId :

COMP-3

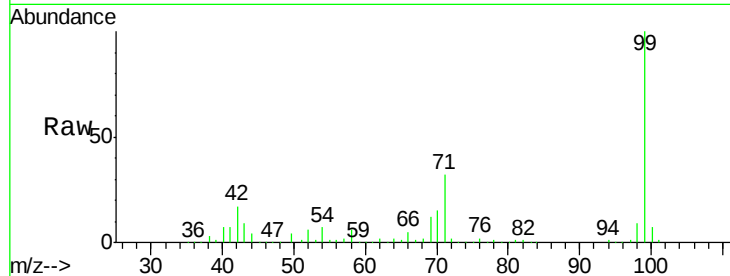
Tot Ion: 99 Resp: 958773

Ion Ratio Lower Upper

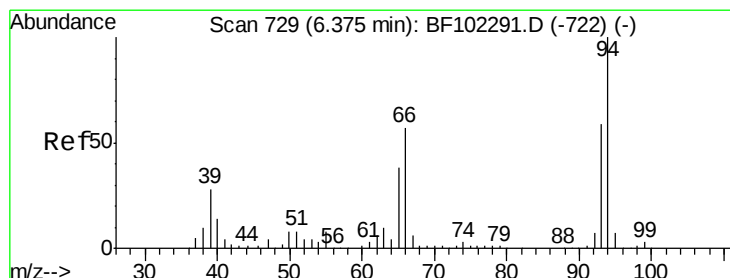
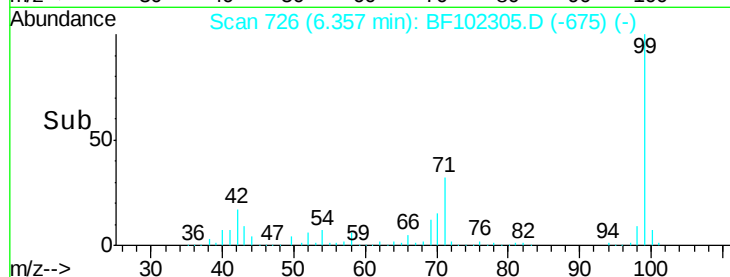
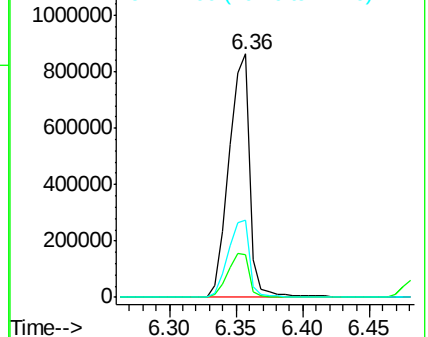
99 100

42 17.4 14.5 21.7

71 31.9 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: 4.022 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

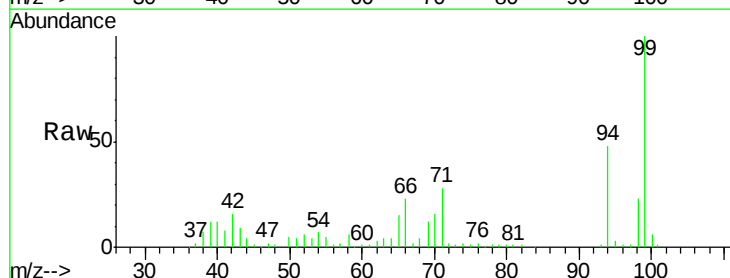
Tgt Ion: 94 Resp: 44607

Ion Ratio Lower Upper

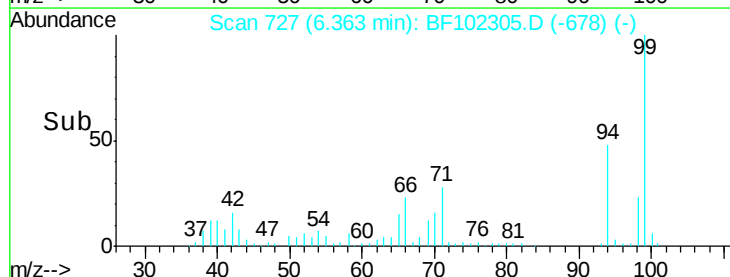
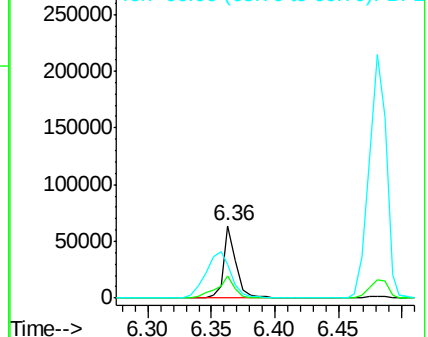
94 100

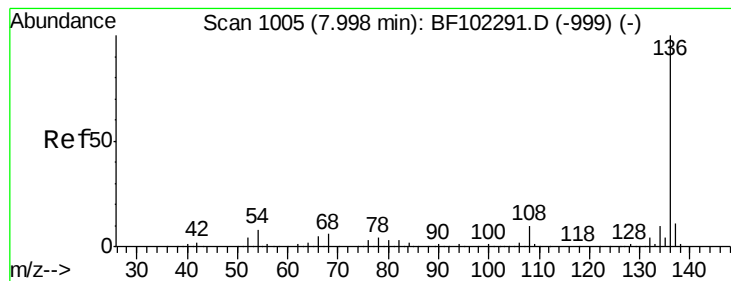
65 30.8 7.9 47.9

66 46.8 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: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

Instrument :

BNA_F

ClientSampleId :

COMP-3

Tot Ion:136 Resp: 536909

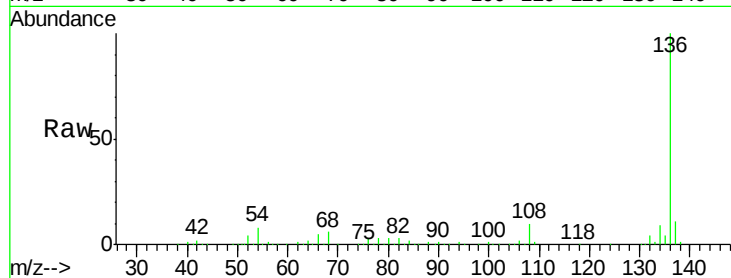
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 5.9 5.0 7.4

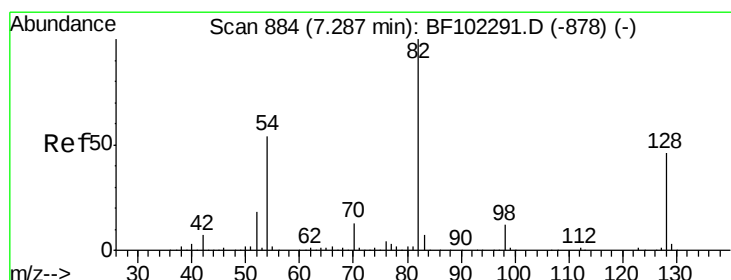
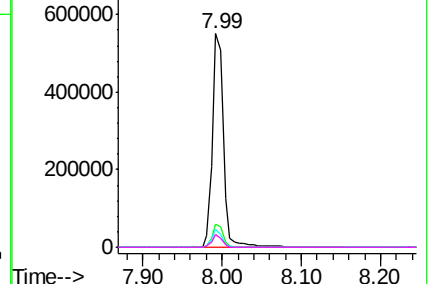
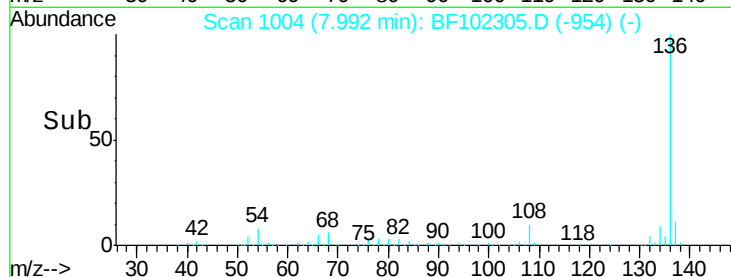


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.326 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

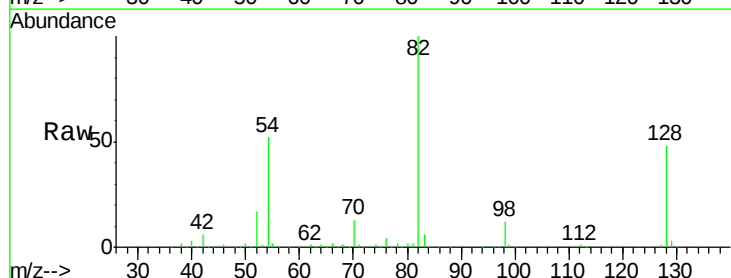
Tgt Ion: 82 Resp: 582304

Ion Ratio Lower Upper

82 100

128 48.5 36.1 54.1

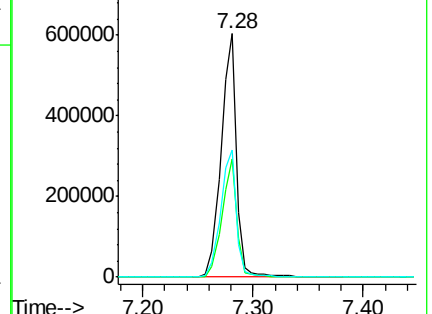
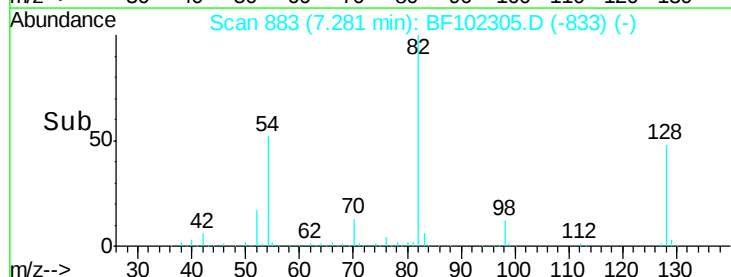
54 52.4 41.4 62.2

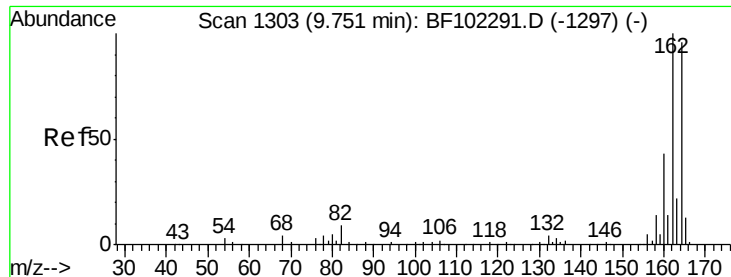


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1302

Delta R.T. -0.01 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

Instrument :

BNA_F

ClientSampleId :

COMP-3

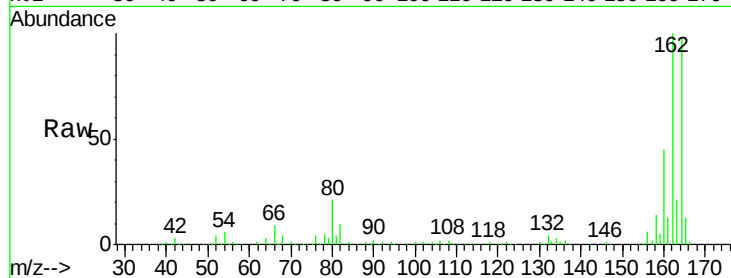
Tot Ion:164 Resp: 239291

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

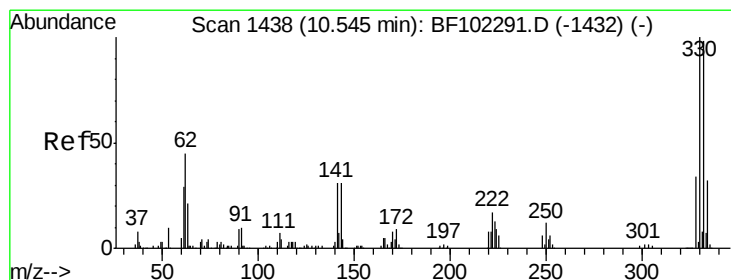
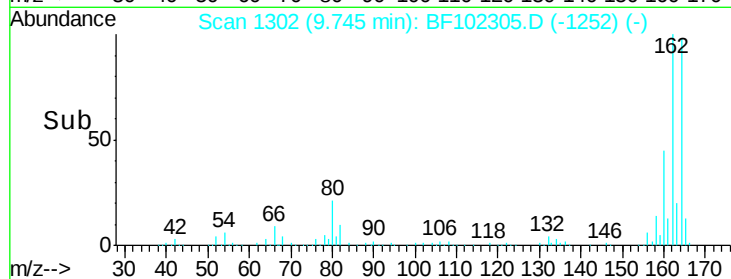
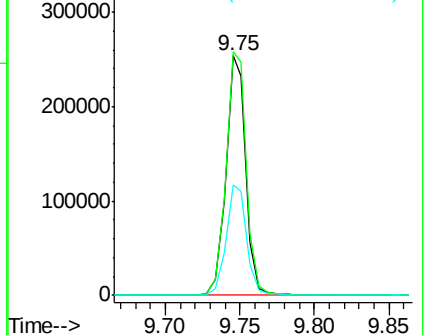
160 46.2 38.3 57.5



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: 89.651 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

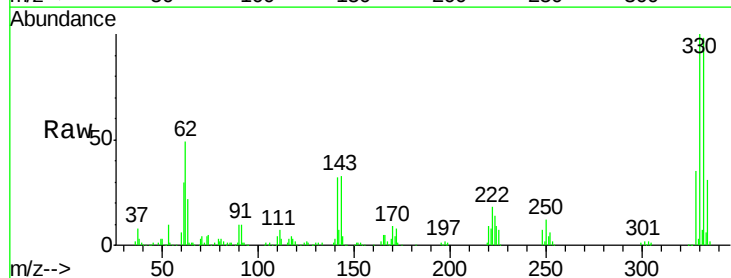
Tgt Ion:330 Resp: 212566

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

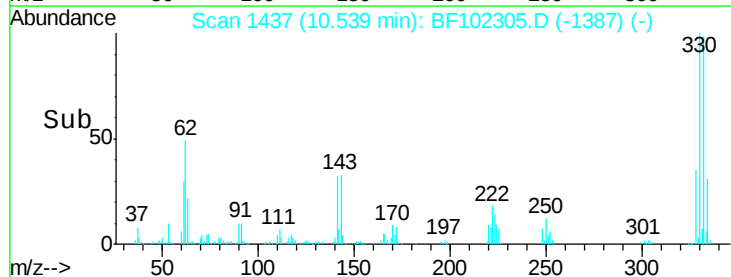
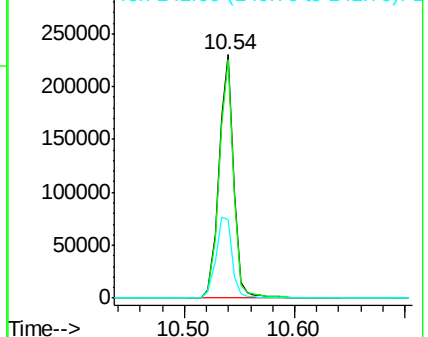
141 36.9 29.9 44.9

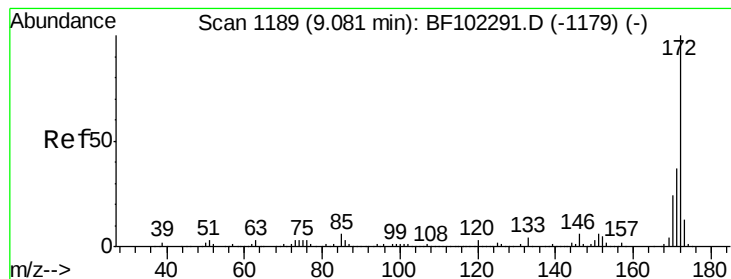


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 64.096 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

Instrument :

BNA_F

ClientSampleId :

COMP-3

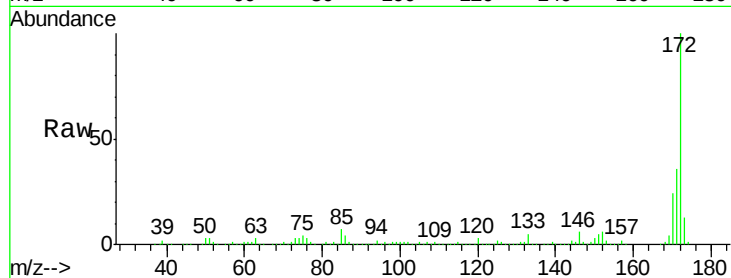
Tot Ion:172 Resp: 1043128

Ion Ratio Lower Upper

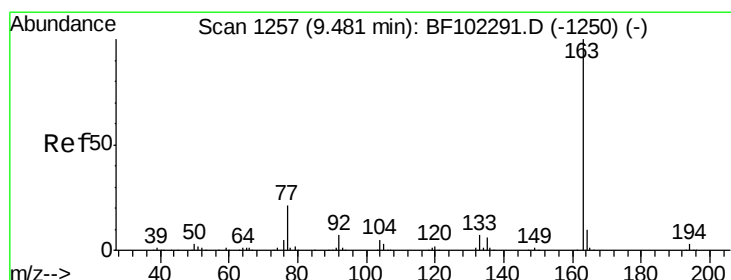
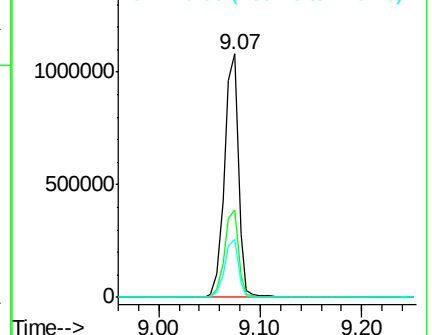
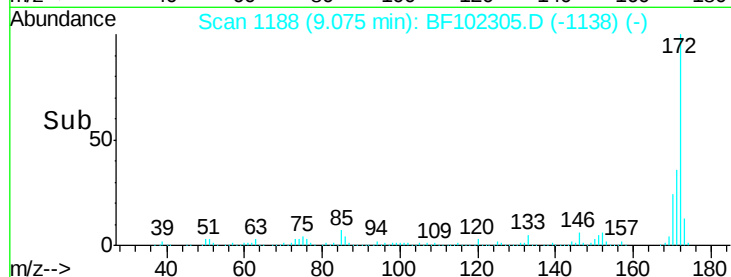
172 100

171 36.0 29.7 44.5

170 23.9 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: 4.982 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

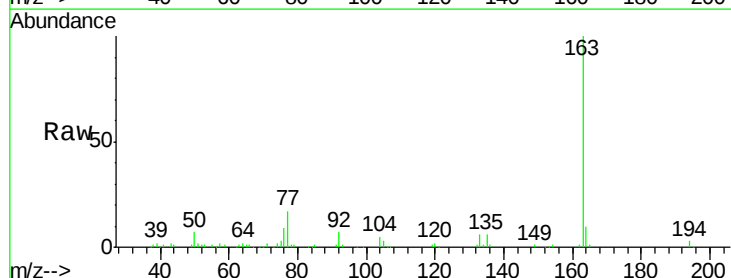
Tgt Ion:163 Resp: 98544

Ion Ratio Lower Upper

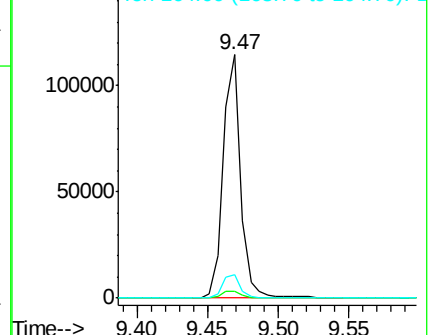
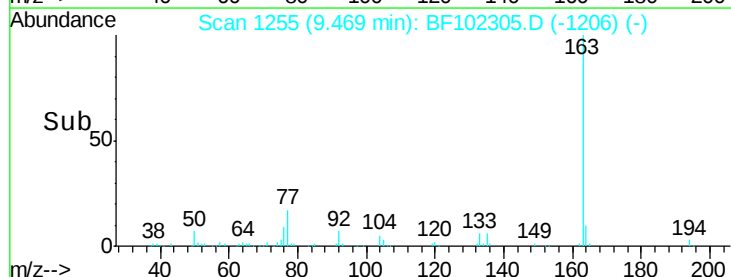
163 100

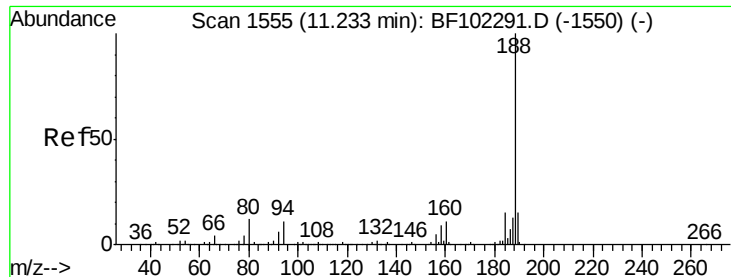
194 3.0 2.7 4.1

164 9.5 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: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

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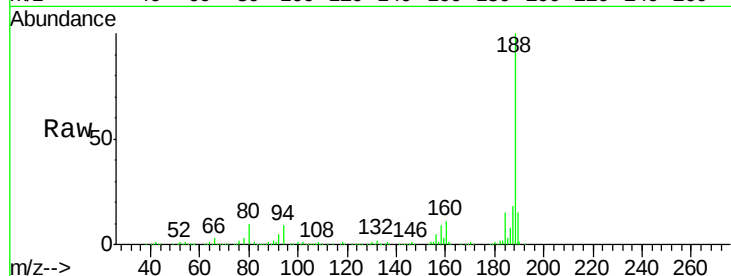
Tot Ion:188 Resp: 411692

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

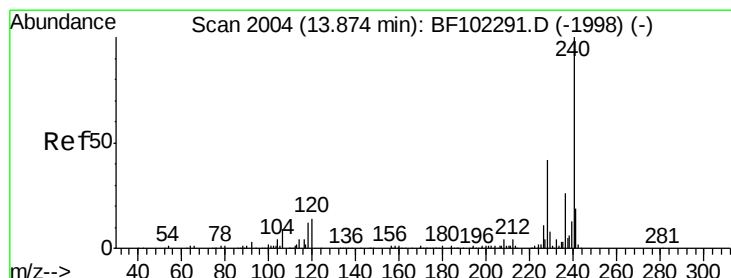
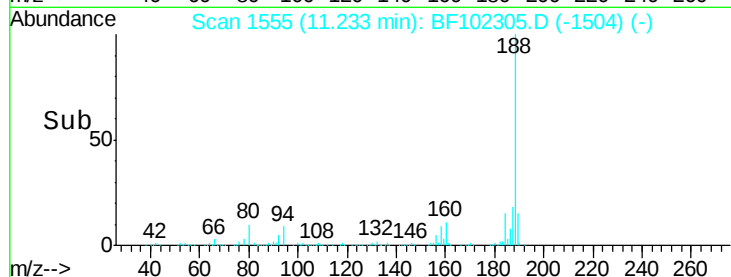
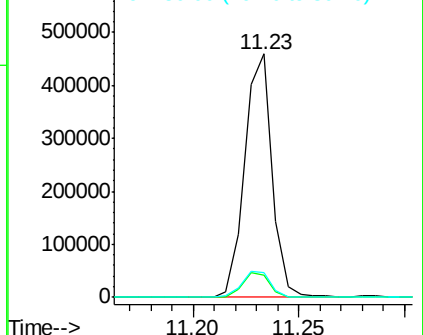
80 10.1 9.2 13.8



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102305.D

Acq: 22 Jan 2018 17:58

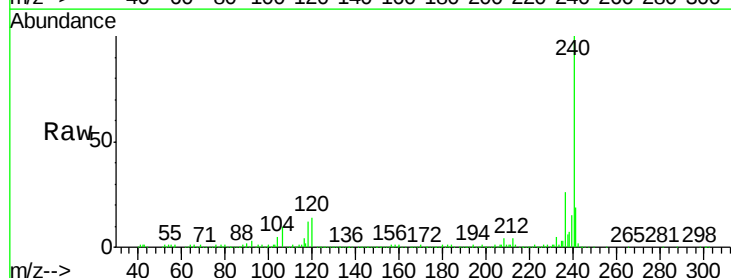
Tgt Ion:240 Resp: 330593

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

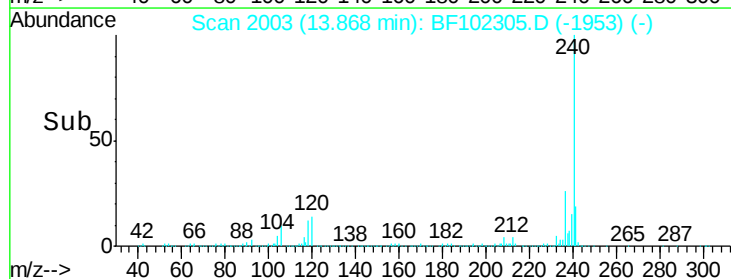
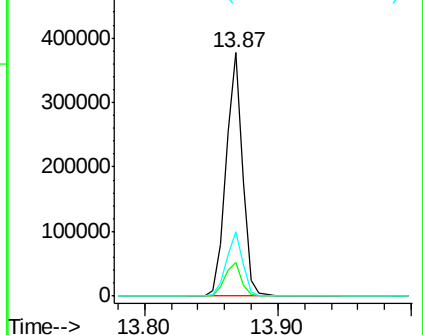
236 26.4 20.7 31.1

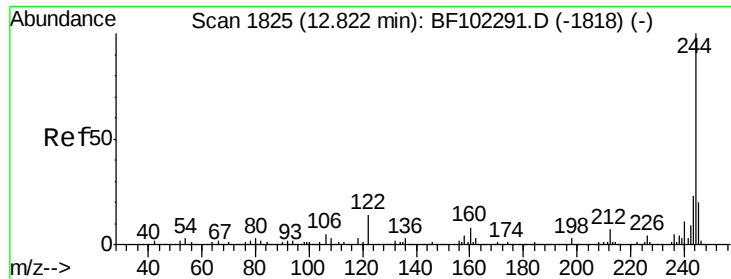


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

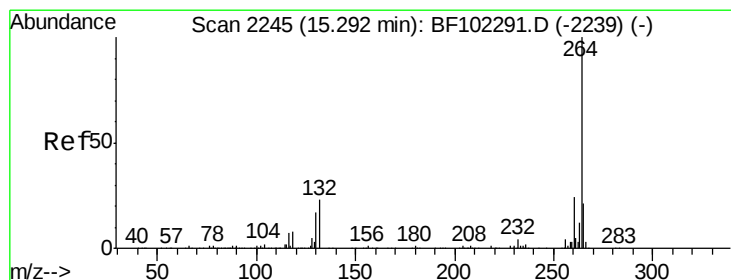
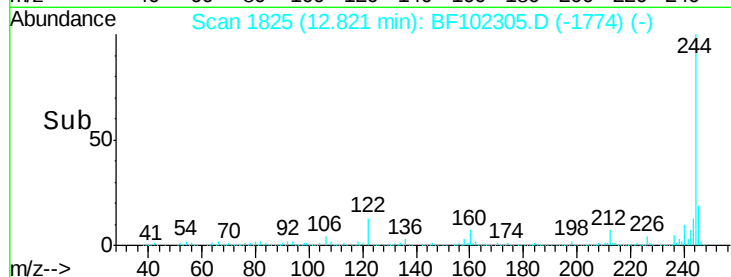
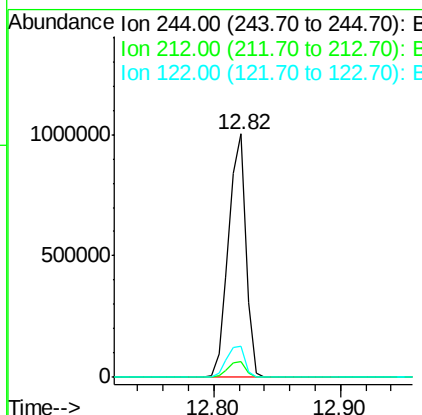
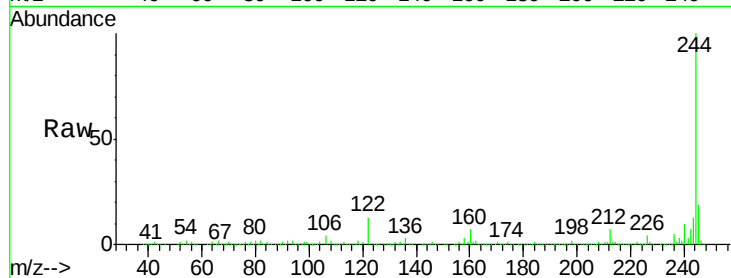




#78
 Terphenyl-d14
 Concen: 64.965 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tot Ion:244 Resp: 952689
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102305.D
 Acq: 22 Jan 2018 17:58

Tgt Ion:264 Resp: 296877
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.9 17.5 26.3

