

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
 Data File : BF112946.D
 Acq On : 8 Mar 2019 16:05
 Operator : JU/SJ
 Sample : K1787-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Mar 08 23:33:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

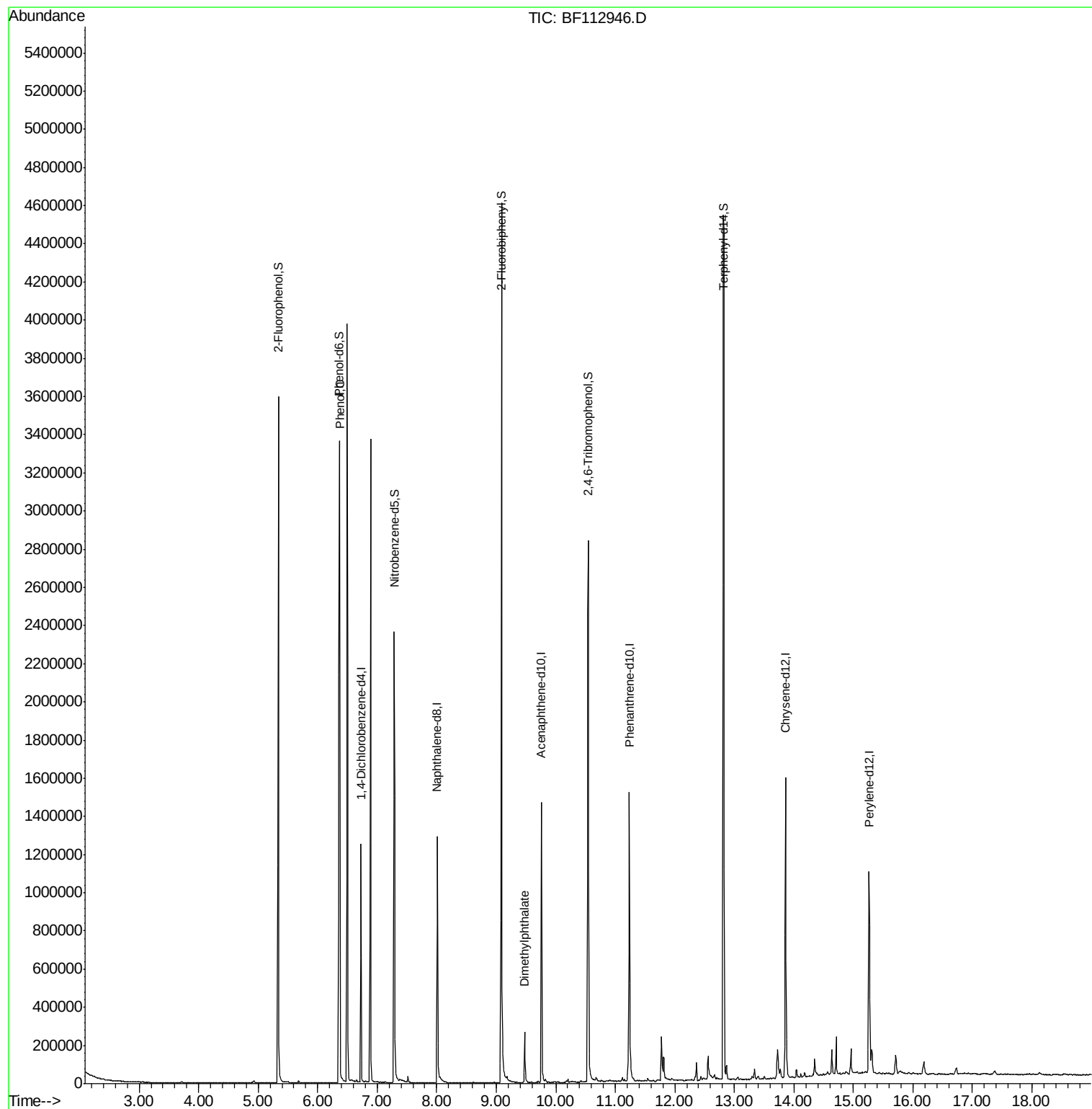
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	172237	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	670458	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	324965	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	685775	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	654387	20.00	ng	-0.01
87) Perylene-d12	15.26	264	549228	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1030329	93.05	ng	0.00
7) Phenol-d6	6.36	99	1335168	95.99	ng	0.00
23) Nitrobenzene-d5	7.29	82	804950	71.84	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	426190	123.54	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1549056	77.05	ng	-0.01
79) Terphenyl-d14	12.82	244	1831830	54.26	ng	0.00
Target Compounds						
10) Phenol	6.37	94	42396	2.612	ng	93
50) Dimethylphthalate	9.48	163	122380	5.107	ng	100

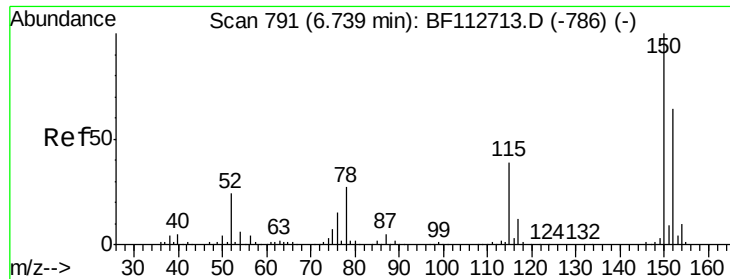
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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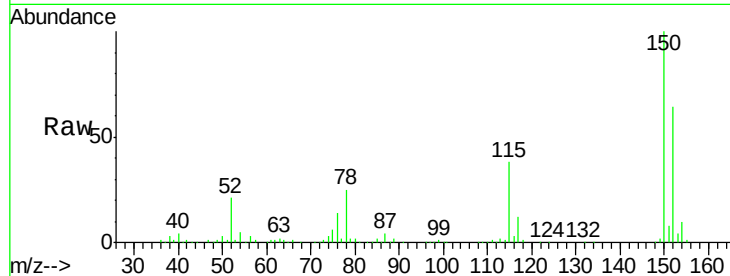


#1

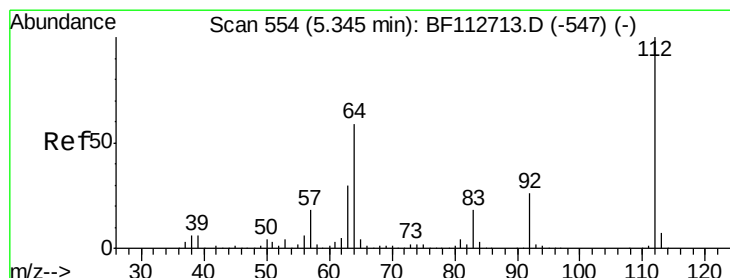
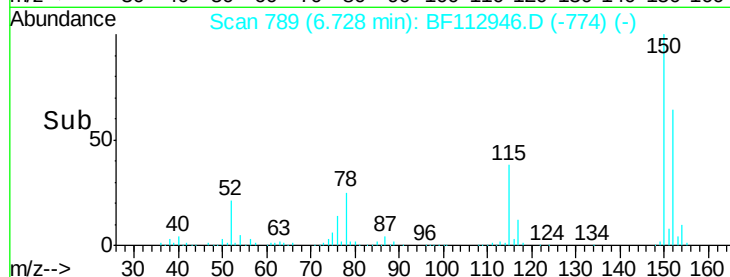
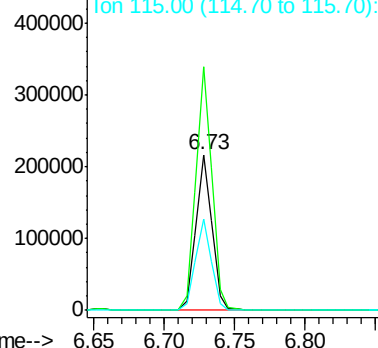
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112946.D
Acq: 8 Mar 2019 16:05

Instrument :
BNA_F
ClientSampled :
SP-1

Tgt Ion:152 Resp: 172237
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.2
115 59.0 48.2 72.4



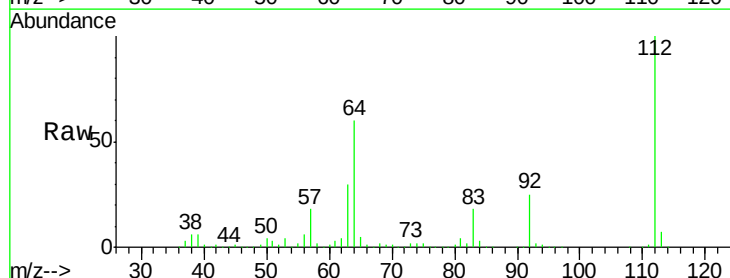
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



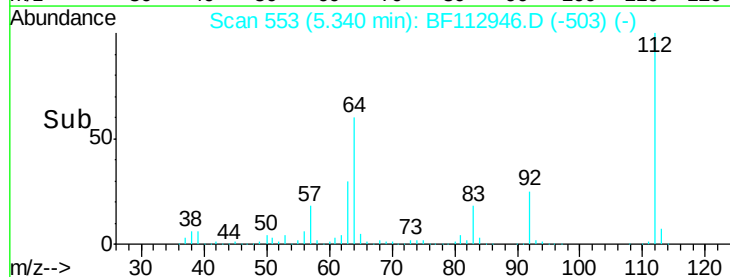
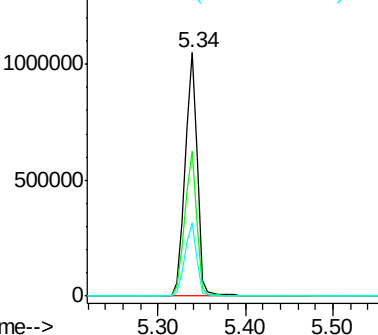
#5

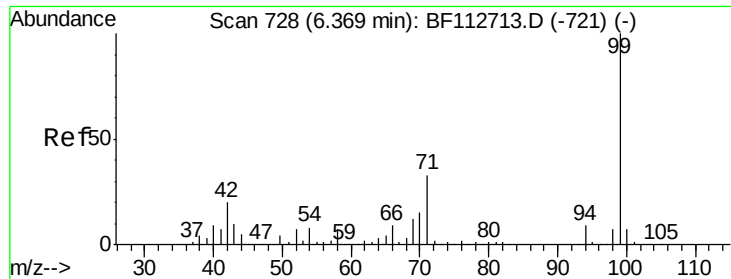
2-Fluorophenol
Concen: 93.053 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112946.D
Acq: 8 Mar 2019 16:05

Tgt Ion:112 Resp: 1030329
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 30.3 24.4 36.6



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: 95.994 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112946.D

Acq: 8 Mar 2019 16:05

Instrument :

BNA_F

ClientSampleId :

SP-1

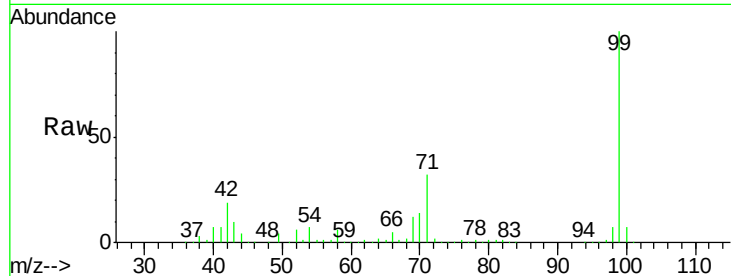
Tgt Ion: 99 Resp: 1335168

Ion Ratio Lower Upper

99 100

42 18.8 16.3 24.5

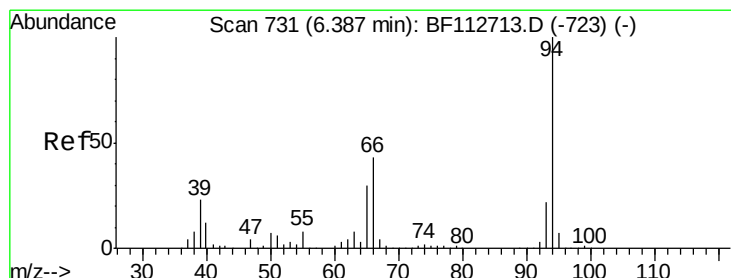
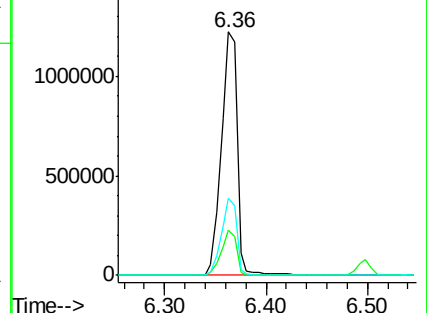
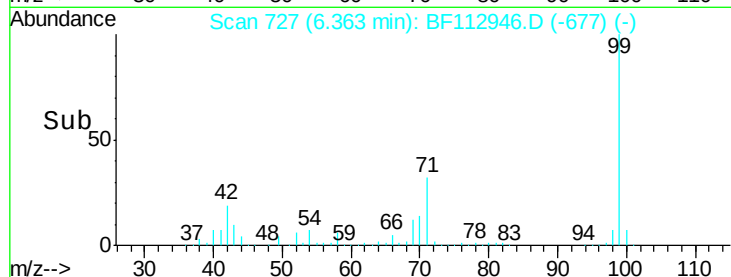
71 31.8 26.2 39.4



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: 2.612 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112946.D

Acq: 8 Mar 2019 16:05

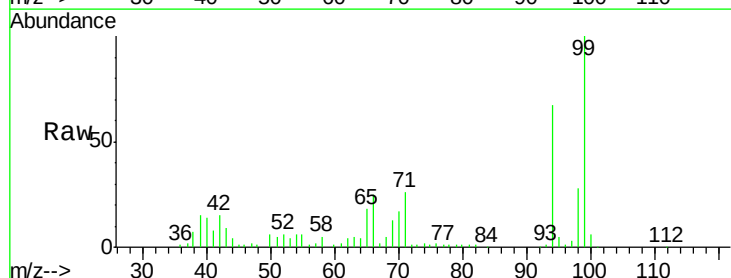
Tgt Ion: 94 Resp: 42396

Ion Ratio Lower Upper

94 100

65 27.1 10.5 50.5

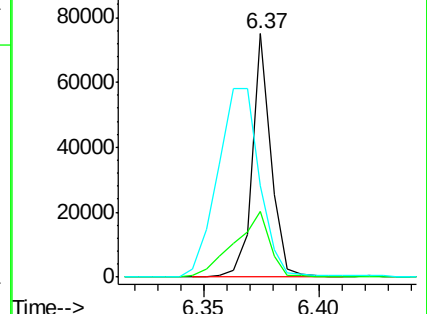
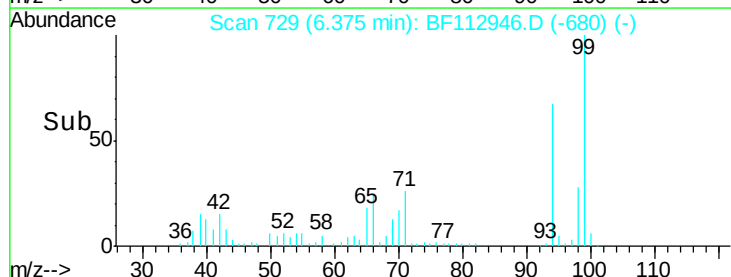
66 37.4 22.6 62.6

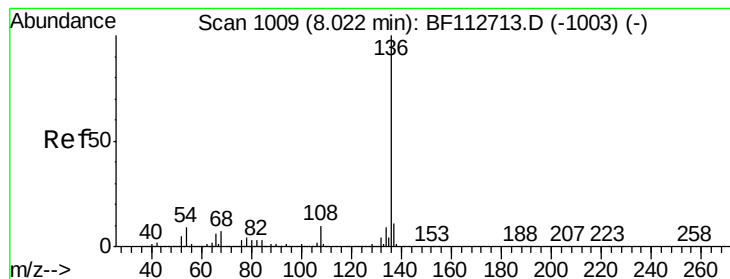


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112946.D

Acq: 8 Mar 2019 16:05

Instrument :

BNA_F

ClientSampled :

SP-1

Tgt Ion: 136 Resp: 670458

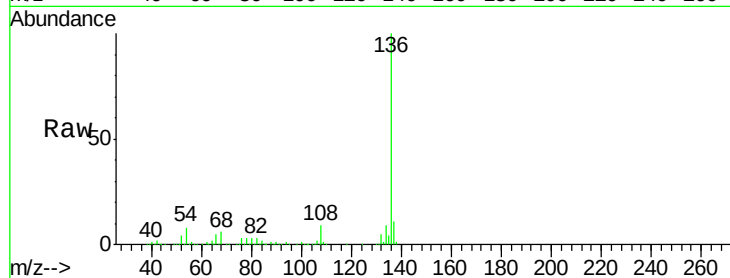
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 7.3 10.9

68 6.2 5.4 8.2

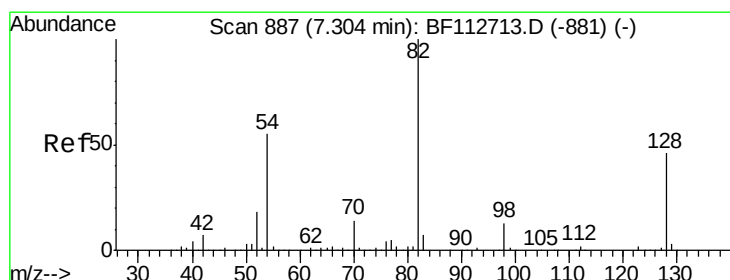
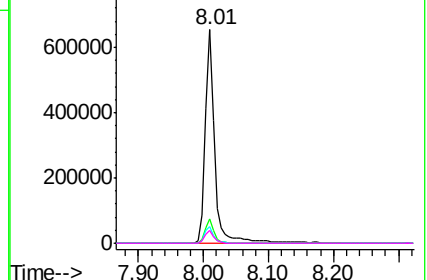
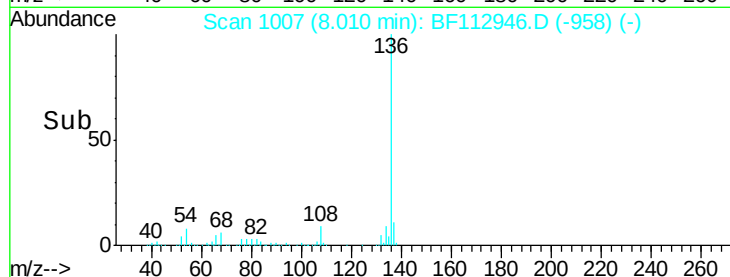


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.841 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF112946.D

Acq: 8 Mar 2019 16:05

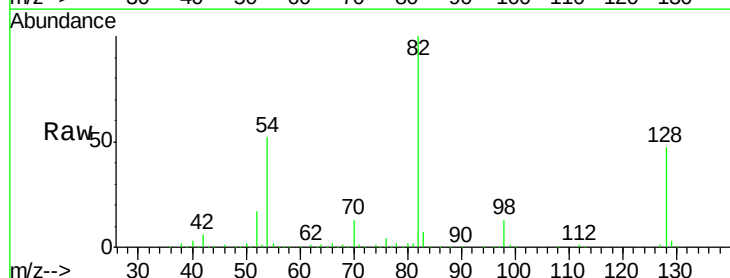
Tgt Ion: 82 Resp: 804950

Ion Ratio Lower Upper

82 100

128 46.6 36.3 54.5

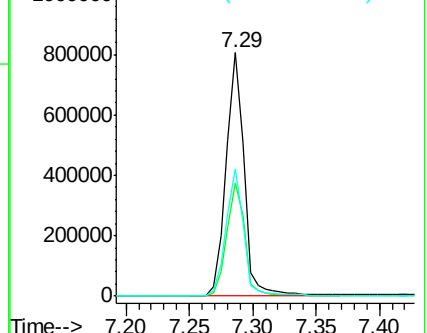
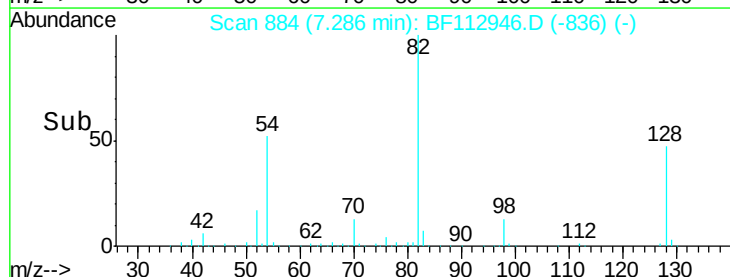
54 52.4 43.7 65.5

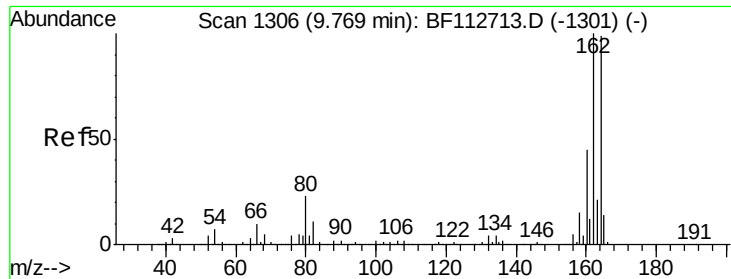


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

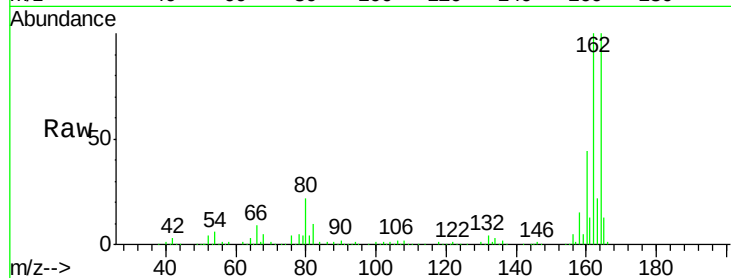




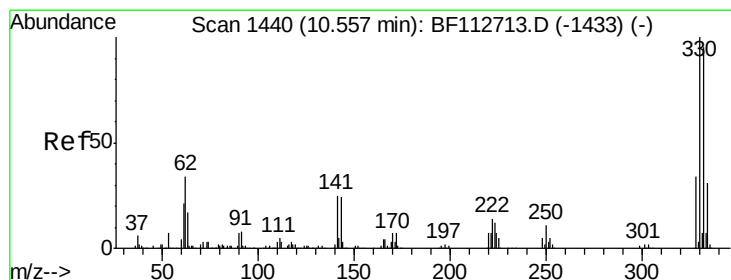
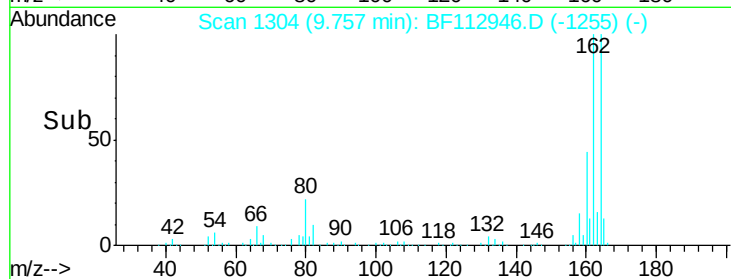
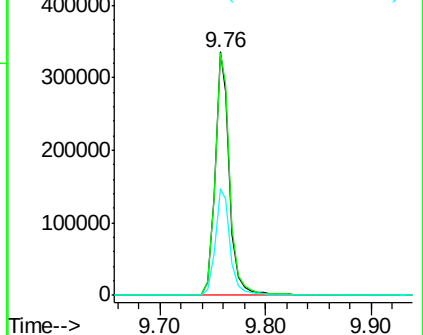
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF112946.D
 Acq: 8 Mar 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:164 Resp: 324965
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.6 120.8
 160 44.1 36.0 54.0

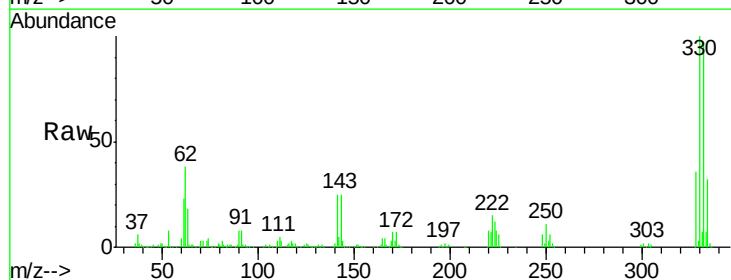


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

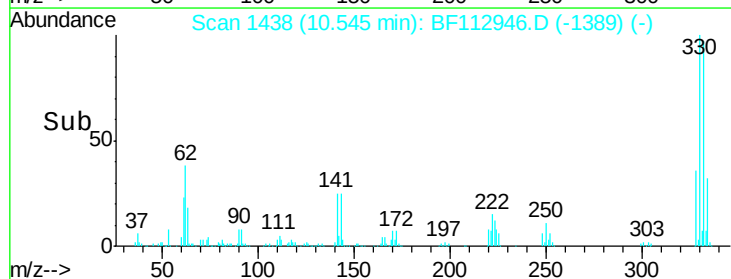
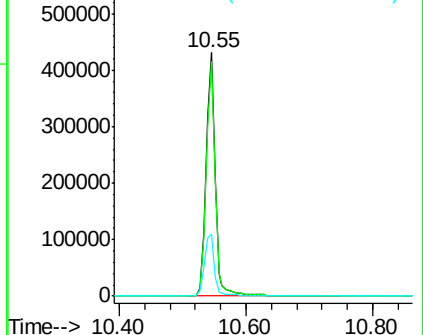


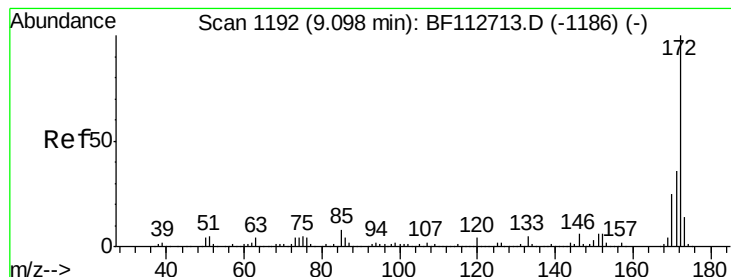
#42
 2,4,6-Tribromophenol
 Concen: 123.537 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112946.D
 Acq: 8 Mar 2019 16:05

Tgt Ion:330 Resp: 426190
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 27.8 27.0 40.6



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





#45

2-Fluorobiphenyl

Concen: 77.052 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112946.D

Acq: 8 Mar 2019 16:05

Instrument :

BNA_F

ClientSampleId :

SP-1

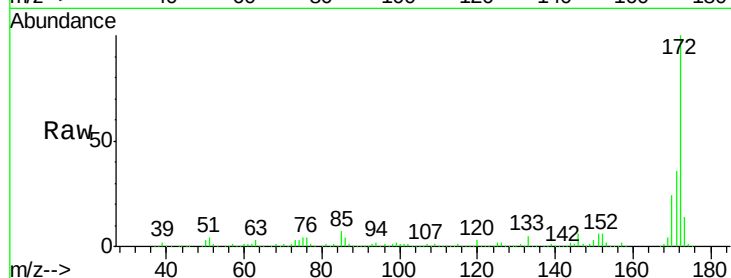
Tgt Ion:172 Resp: 1549056

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

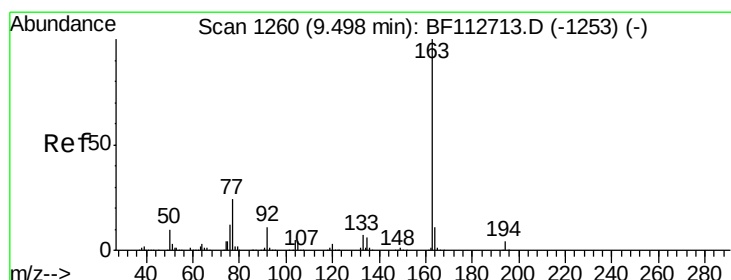
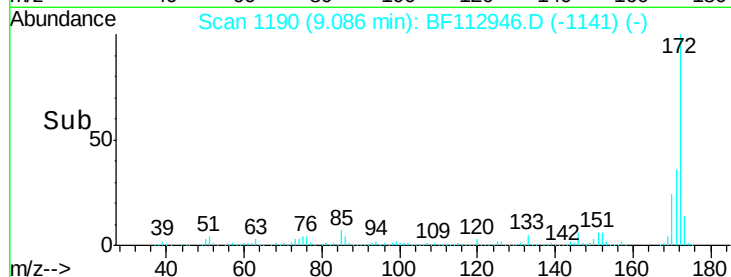
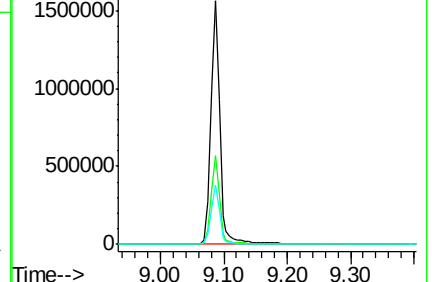
170 24.5 20.0 30.0



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



#50

Dimethylphthalate

Concen: 5.107 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF112946.D

Acq: 8 Mar 2019 16:05

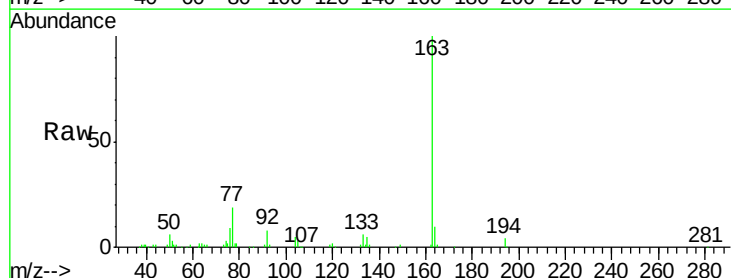
Tgt Ion:163 Resp: 122380

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

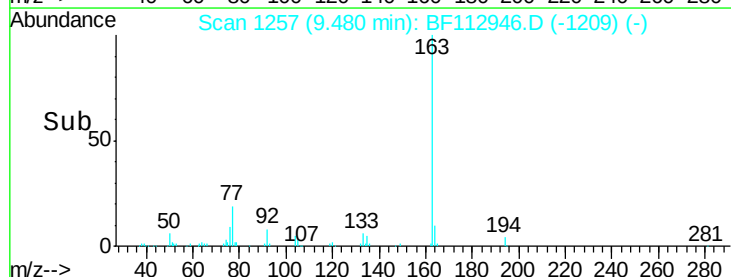
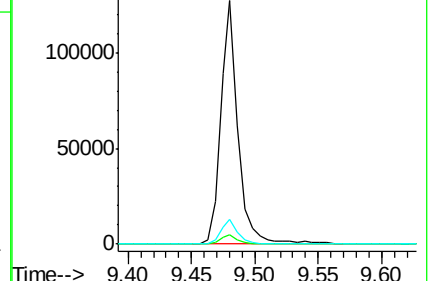
164 10.4 8.4 12.6

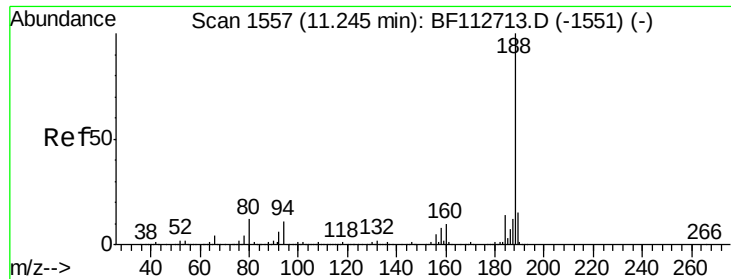


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF112946.D

Acq: 8 Mar 2019 16:05

Instrument :

BNA_F

ClientSampleId :

SP-1

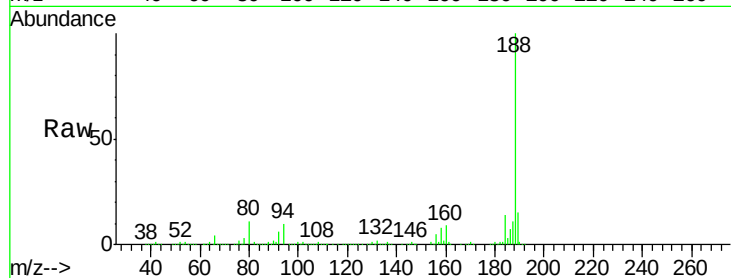
Tgt Ion:188 Resp: 685775

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.4

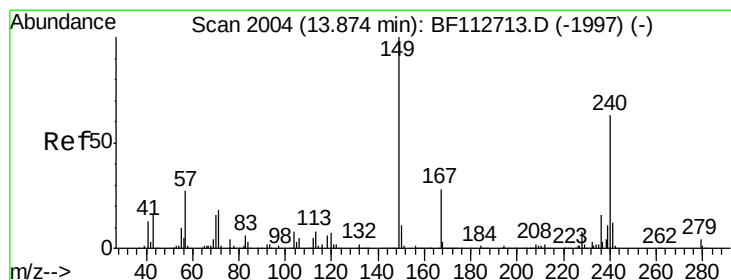
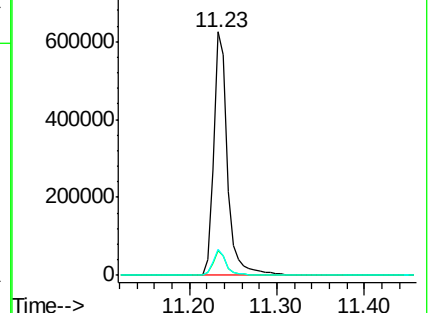
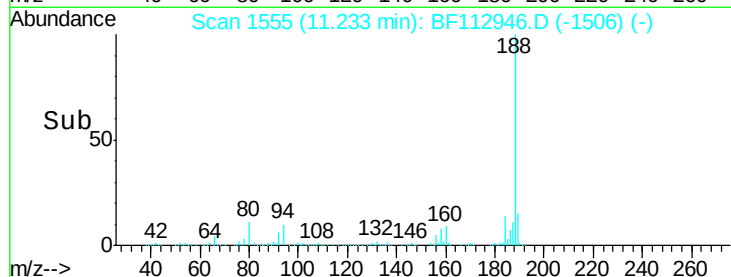
80 10.5 9.2 13.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112946.D

Acq: 8 Mar 2019 16:05

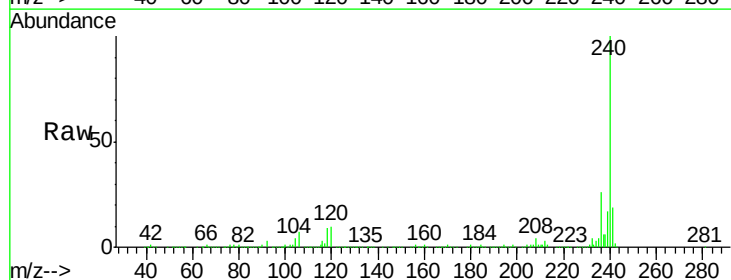
Tgt Ion:240 Resp: 654387

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

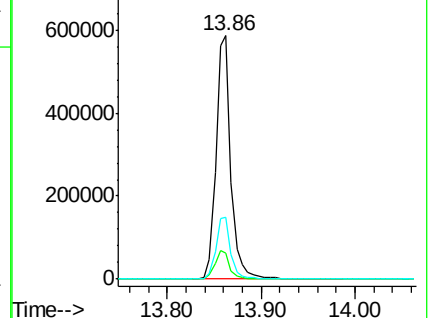
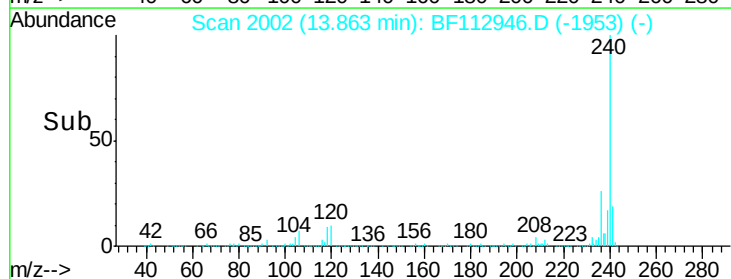
236 25.6 20.7 31.1

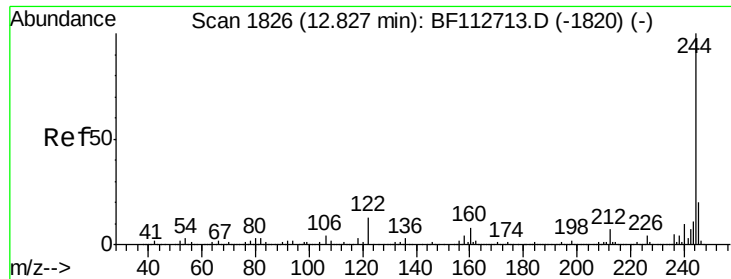


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

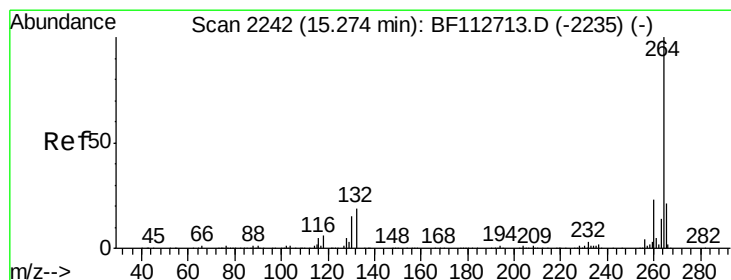
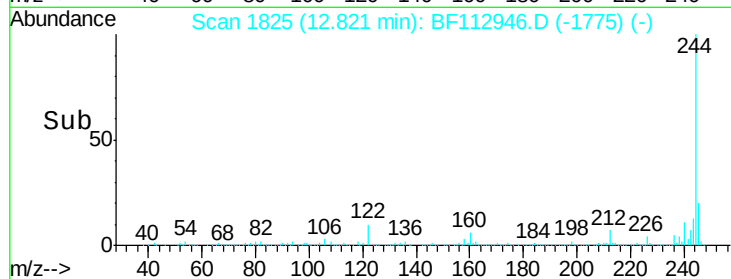
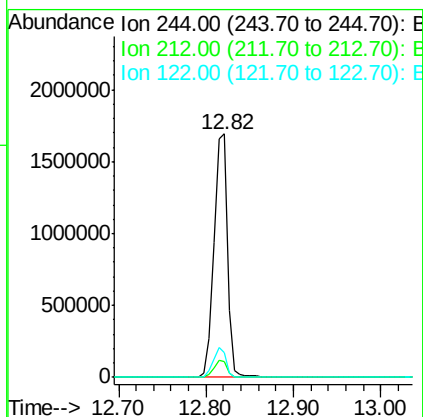
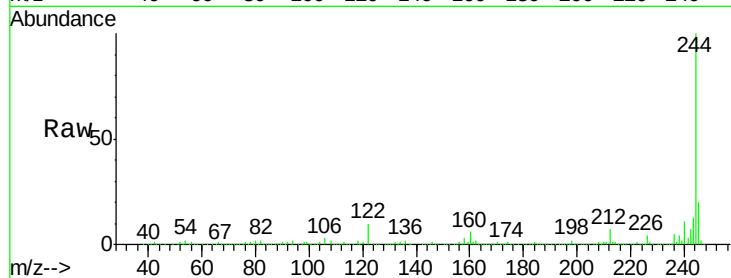




#79
 Terphenyl-d14
 Concen: 54.264 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112946.D
 Acq: 8 Mar 2019 16:05

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tgt Ion:244 Resp: 1831830
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.2 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112946.D
 Acq: 8 Mar 2019 16:05

Tgt Ion:264 Resp: 549228
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.2 17.2 25.8

