

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112459.D
 Acq On : 8 Feb 2019 15:03
 Operator : JU/SJ
 Sample : K1409-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(13-16)

Quant Time: Feb 09 05:30:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

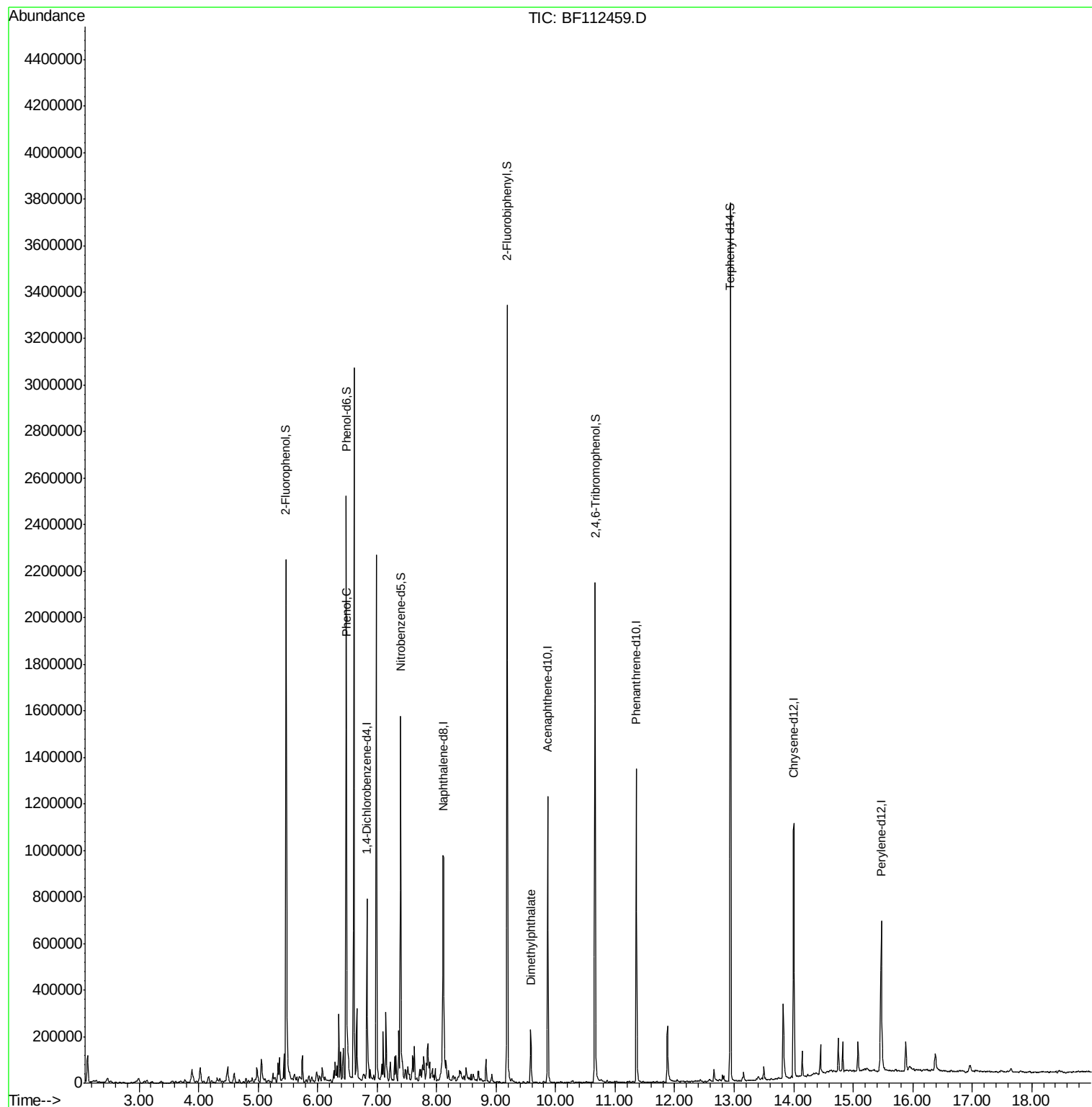
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	131535	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	512660	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	255205	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	511224	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	423181	20.00	ng	0.00
87) Perylene-d12	15.47	264	329911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	717729	115.90	ng	-0.01
7) Phenol-d6	6.48	99	890405	103.48	ng	-0.01
23) Nitrobenzene-d5	7.39	82	536795	60.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	280632	94.47	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1060608	58.78	ng	-0.02
79) Terphenyl-d14	12.94	244	1177649	52.41	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	25960	2.750	ng	92
50) Dimethylphthalate	9.58	163	104669	5.279	ng	100

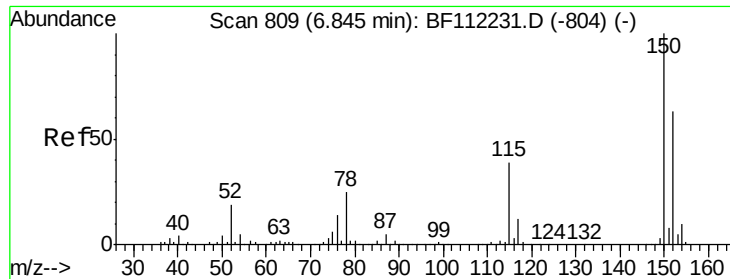
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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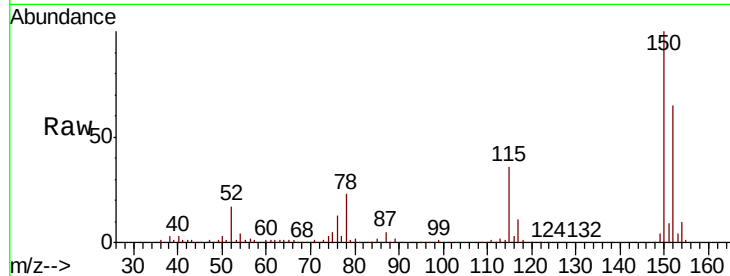


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112459.D
Acq: 8 Feb 2019 15:03

Instrument :
BNA_F
ClientSampleId :
SB-09(13-16)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.4	191.0
115	55.9	45.5	68.3

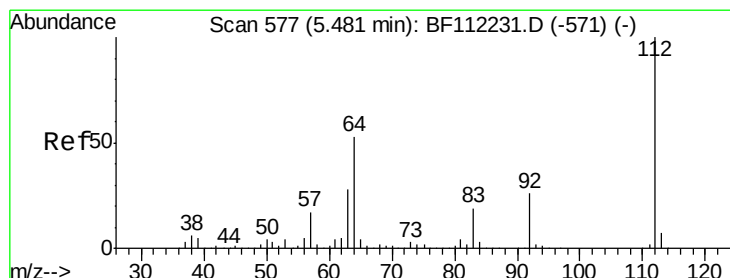
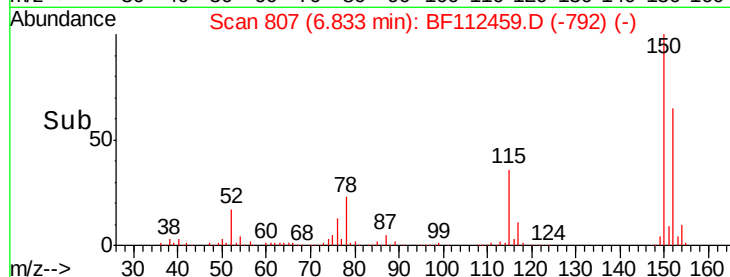
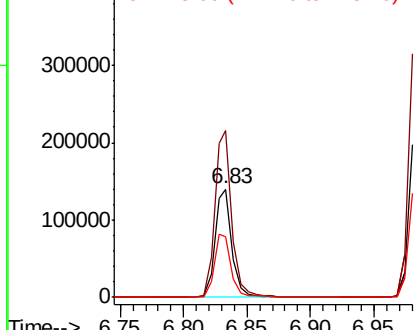


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

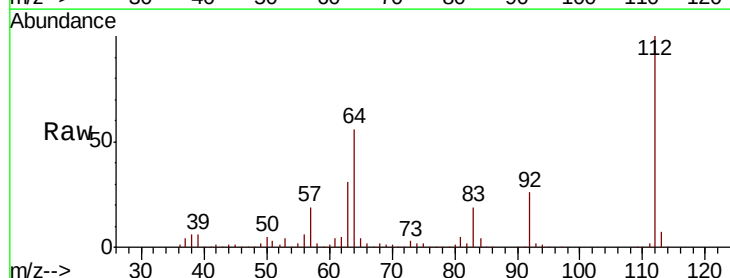
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.901 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112459.D
Acq: 8 Feb 2019 15:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.7	68.5
63	31.4	23.6	35.4

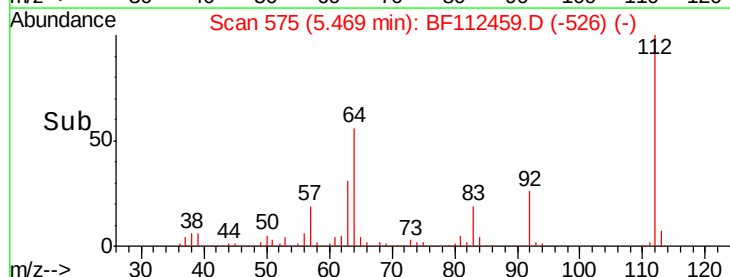
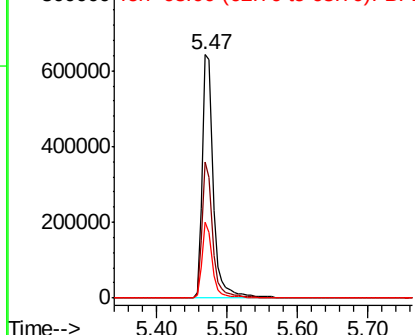


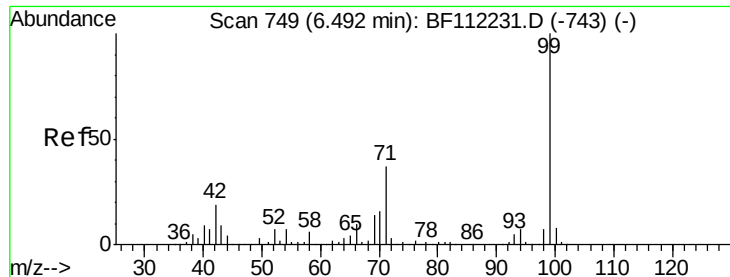
Abundance

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: 103.476 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112459.D

Acq: 8 Feb 2019 15:03

Instrument :

BNA_F

ClientSampleId :

SB-09(13-16)

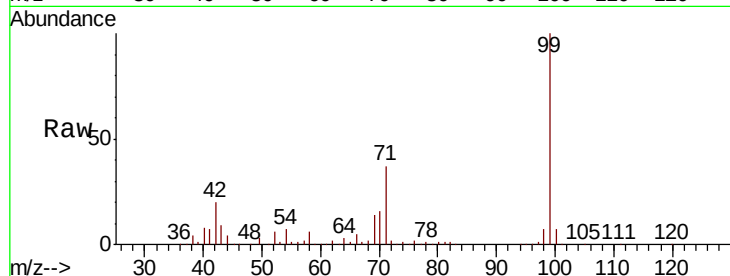
Tot Ion: 99 Resp: 890405

Ion Ratio Lower Upper

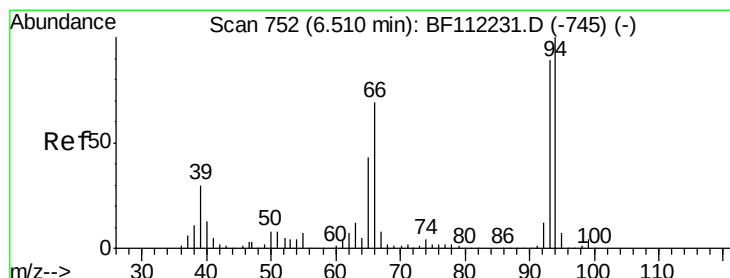
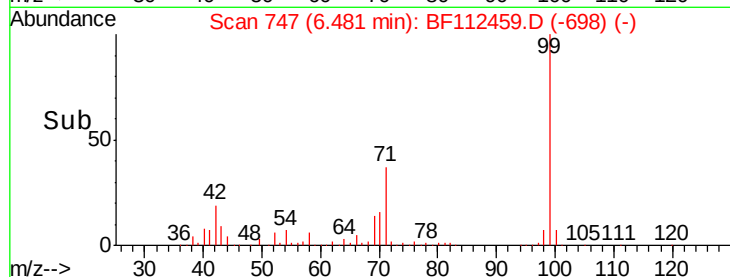
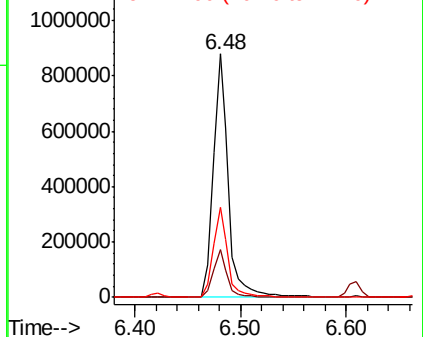
99 100

42 19.5 15.1 22.7

71 37.2 26.9 40.3



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: 2.750 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112459.D

Acq: 8 Feb 2019 15:03

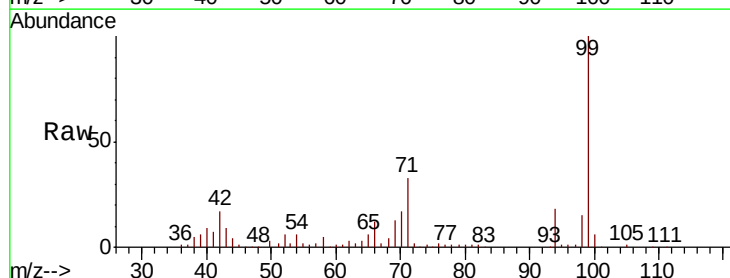
Tgt Ion: 94 Resp: 25960

Ion Ratio Lower Upper

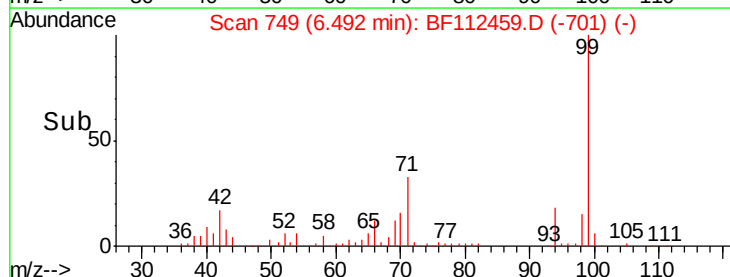
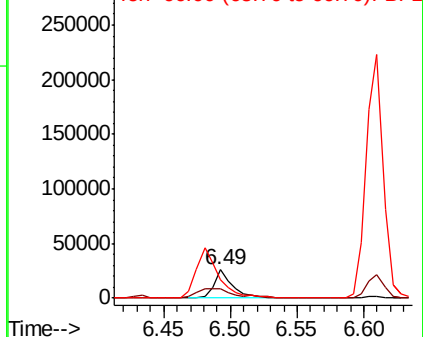
94 100

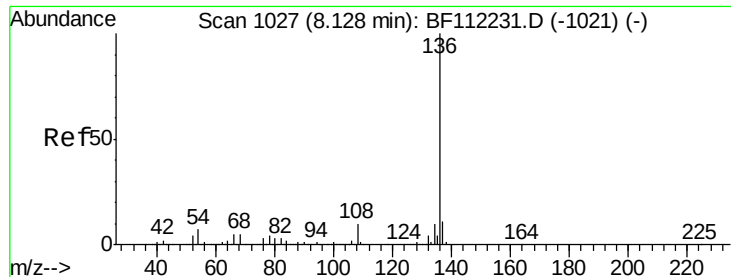
65 33.1 20.3 60.3

66 66.1 42.4 82.4



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112459.D

Acq: 8 Feb 2019 15:03

Instrument :

BNA_F

ClientSampleId :

SB-09(13-16)

Tot Ion:136 Resp: 512660

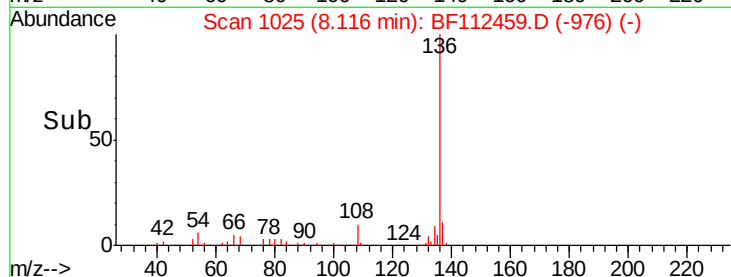
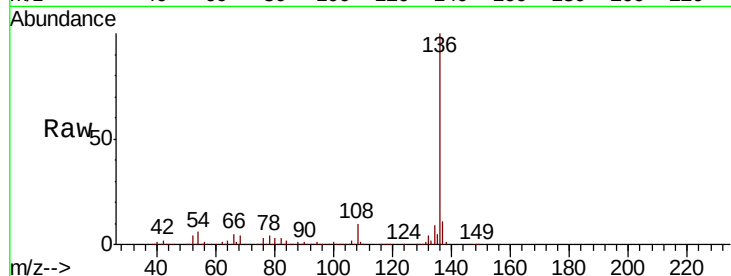
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.8 5.9 8.9#

68 4.2 5.1 7.7#

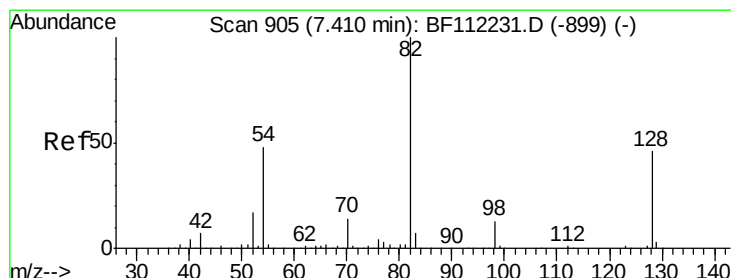
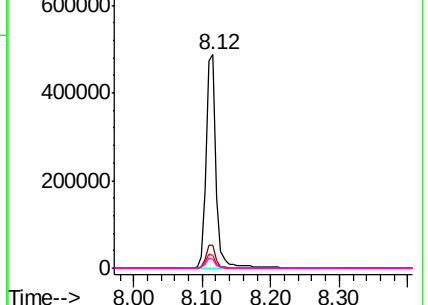


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.332 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112459.D

Acq: 8 Feb 2019 15:03

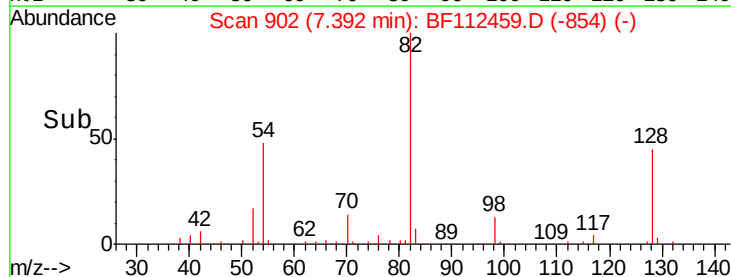
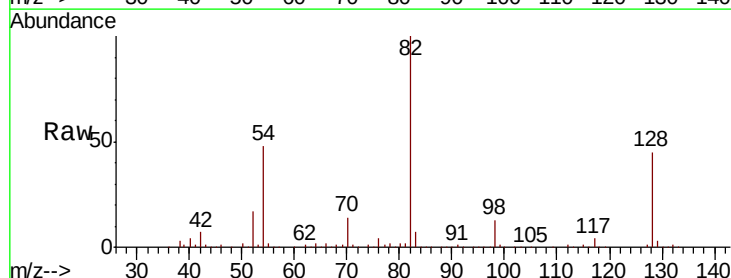
Tgt Ion: 82 Resp: 536795

Ion Ratio Lower Upper

82 100

128 44.7 37.8 56.8

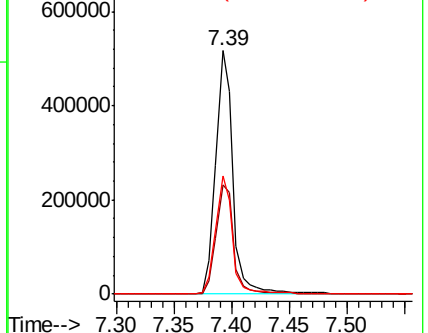
54 48.4 39.7 59.5

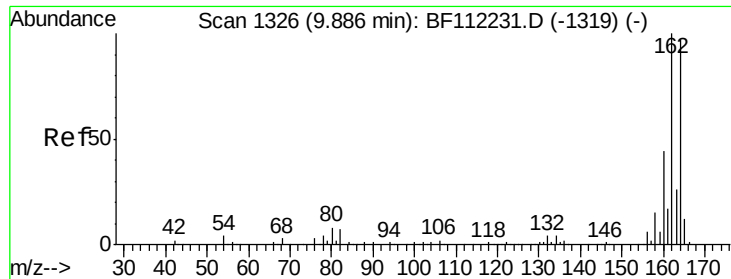


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112459.D

Acq: 8 Feb 2019 15:03

Instrument :

BNA_F

ClientSampleId :

SB-09(13-16)

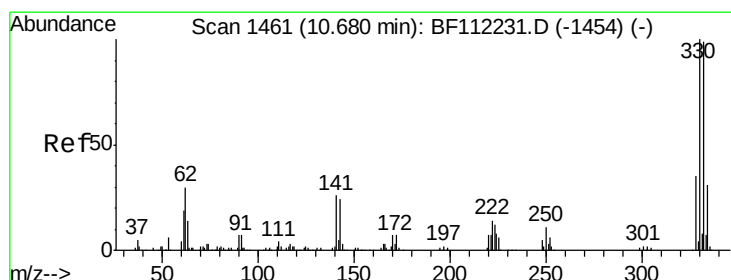
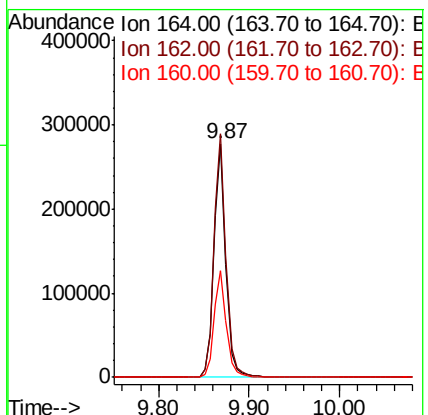
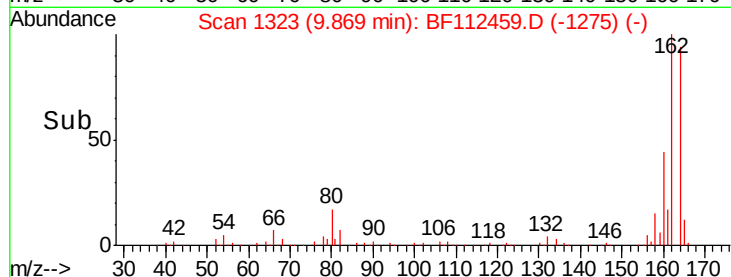
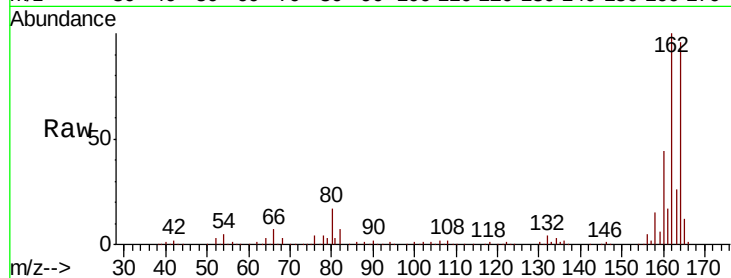
Tot Ion:164 Resp: 255205

Ion Ratio Lower Upper

164 100

162 104.2 82.2 123.4

160 45.4 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 94.472 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112459.D

Acq: 8 Feb 2019 15:03

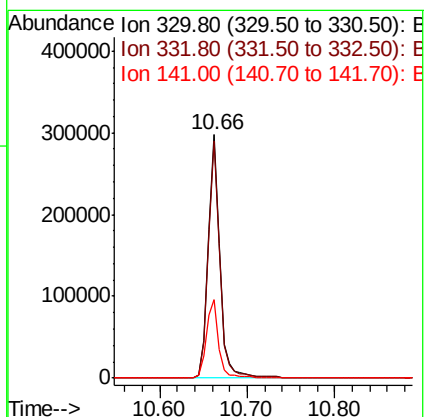
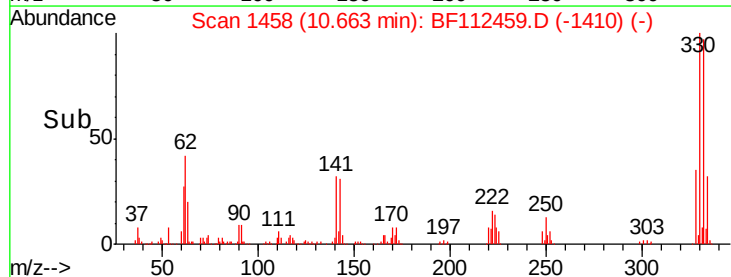
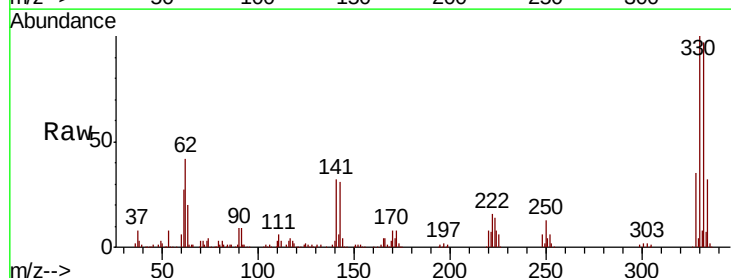
Tgt Ion:330 Resp: 280632

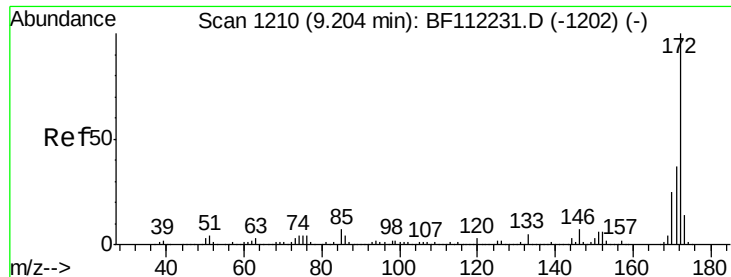
Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

141 33.2 24.3 36.5

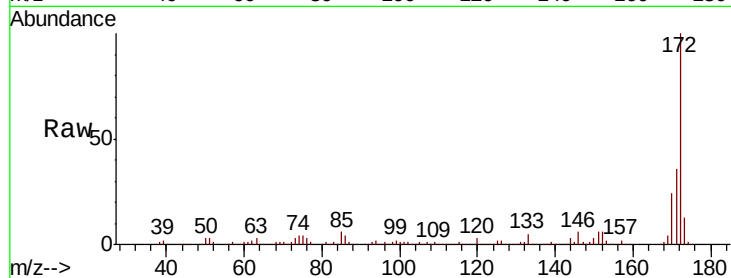




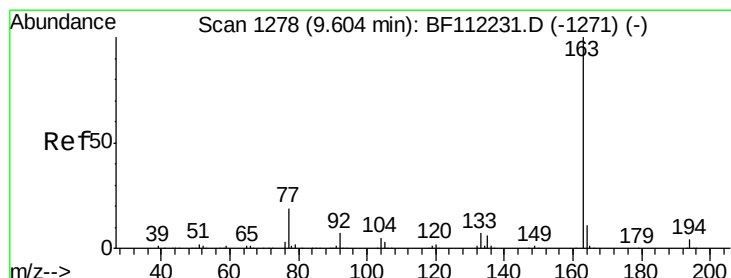
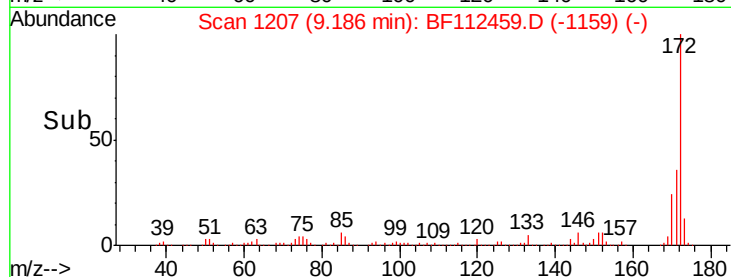
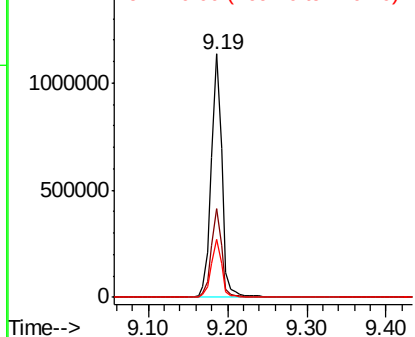
#45
2-Fluorobiphenyl
Concen: 58.779 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112459.D
Acq: 8 Feb 2019 15:03

Instrument :
BNA_F
ClientSampleId :
SB-09(13-16)

Tot Ion:172 Resp: 1060608
Ion Ratio Lower Upper
172 100
171 36.2 30.5 45.7
170 23.6 20.2 30.4

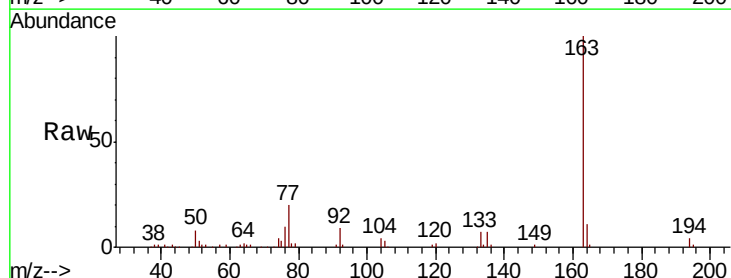


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

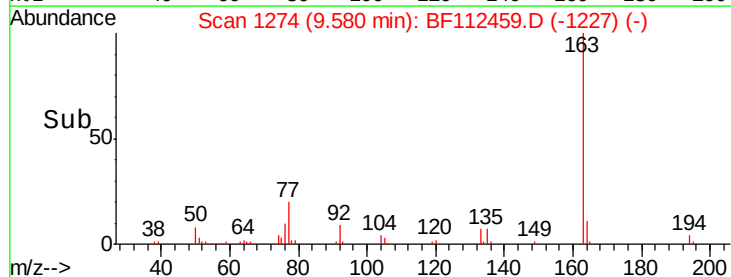
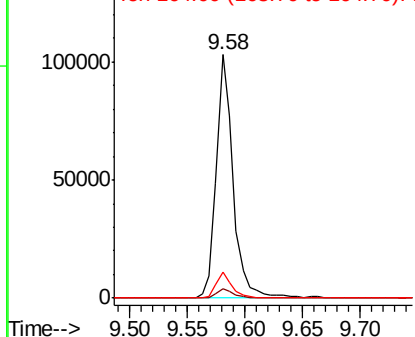


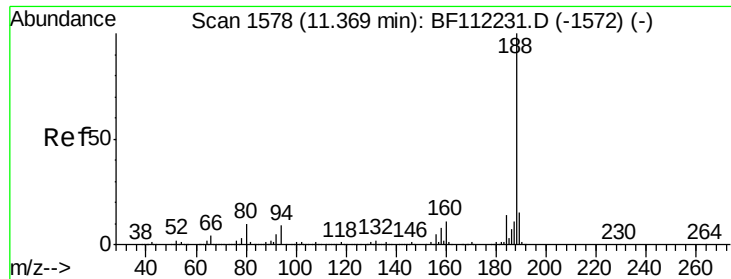
#50
Dimethylphthalate
Concen: 5.279 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112459.D
Acq: 8 Feb 2019 15:03

Tgt Ion:163 Resp: 104669
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.6 8.5 12.7



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

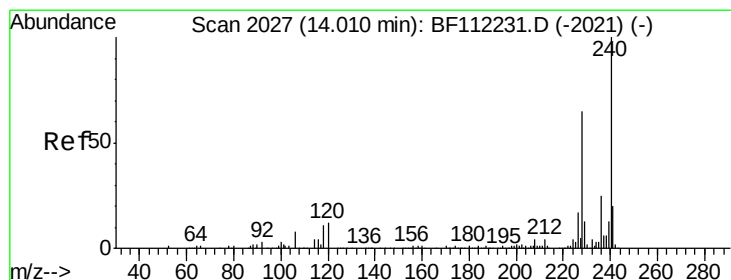
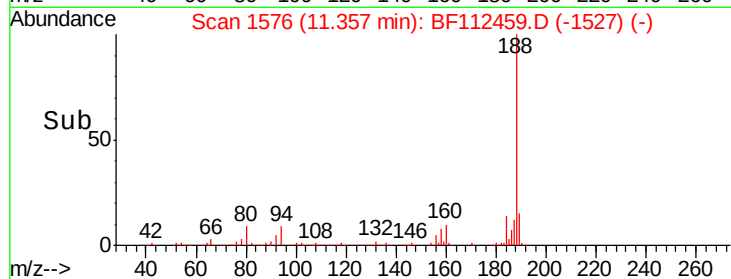
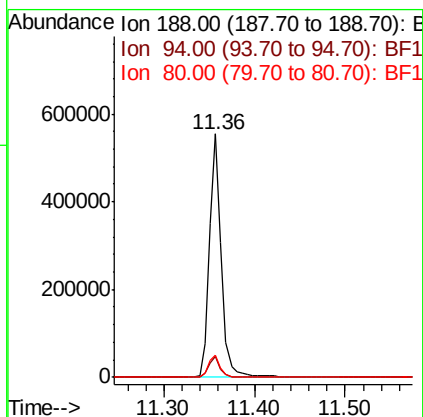
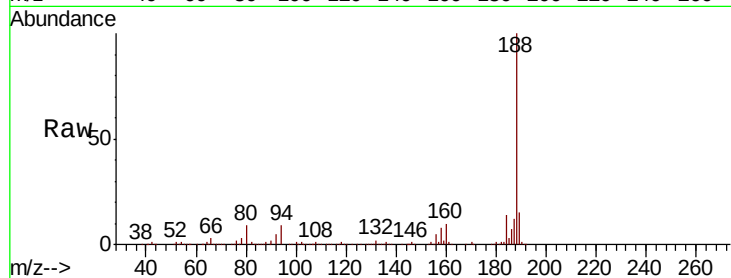




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112459.D
Acq: 8 Feb 2019 15:03

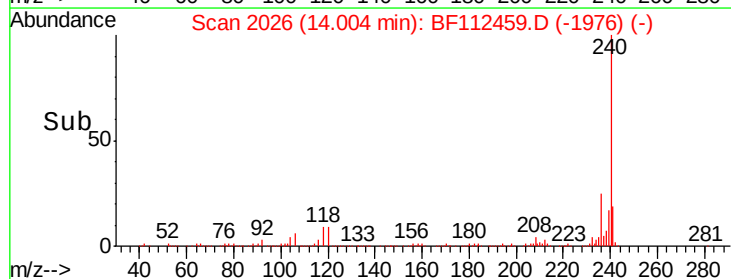
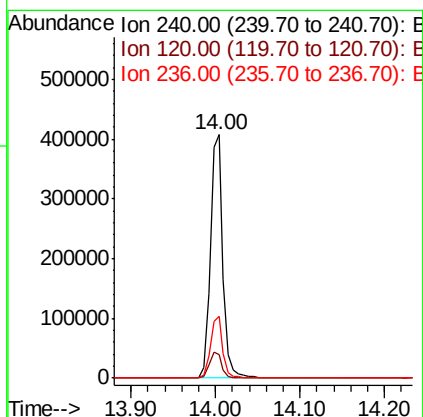
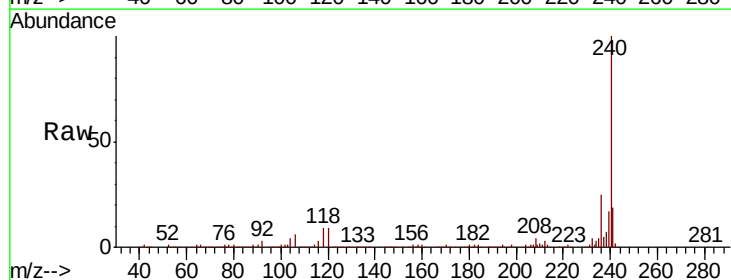
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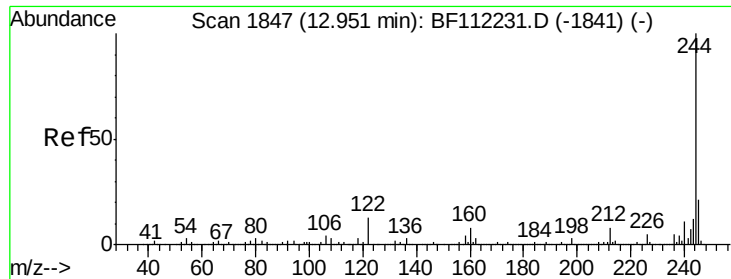
Tot Ion:188 Resp: 511224
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 8.9 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112459.D
Acq: 8 Feb 2019 15:03

Tgt Ion:240 Resp: 423181
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.6
236 25.4 20.7 31.1

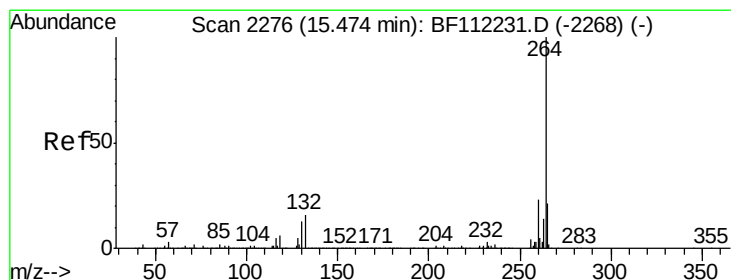
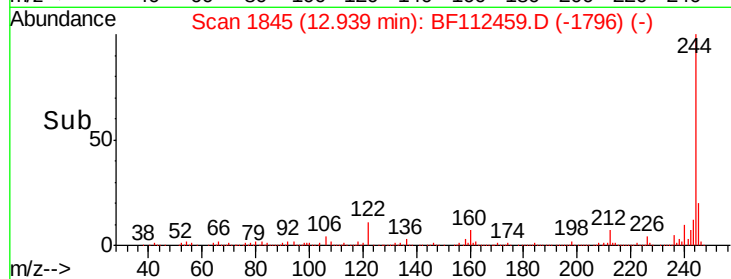
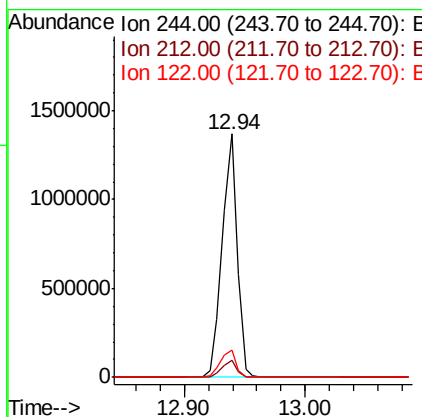
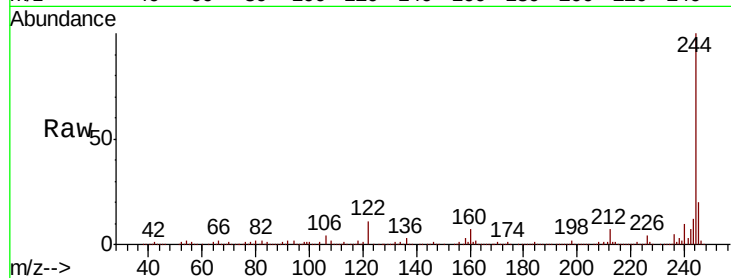




#79
 Terphenyl-d14
 Concen: 52.413 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112459.D
 Acq: 8 Feb 2019 15:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(13-16)

Tot Ion:244 Resp: 1177649
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.2 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF112459.D
 Acq: 8 Feb 2019 15:03

Tgt Ion:264 Resp: 329911
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.2
 265 22.0 17.0 25.4

