

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112309.D
 Acq On : 29 Jan 2019 21:48
 Operator : JU/SJ
 Sample : K1266-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-U-M

Quant Time: Jan 30 01:00:28 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

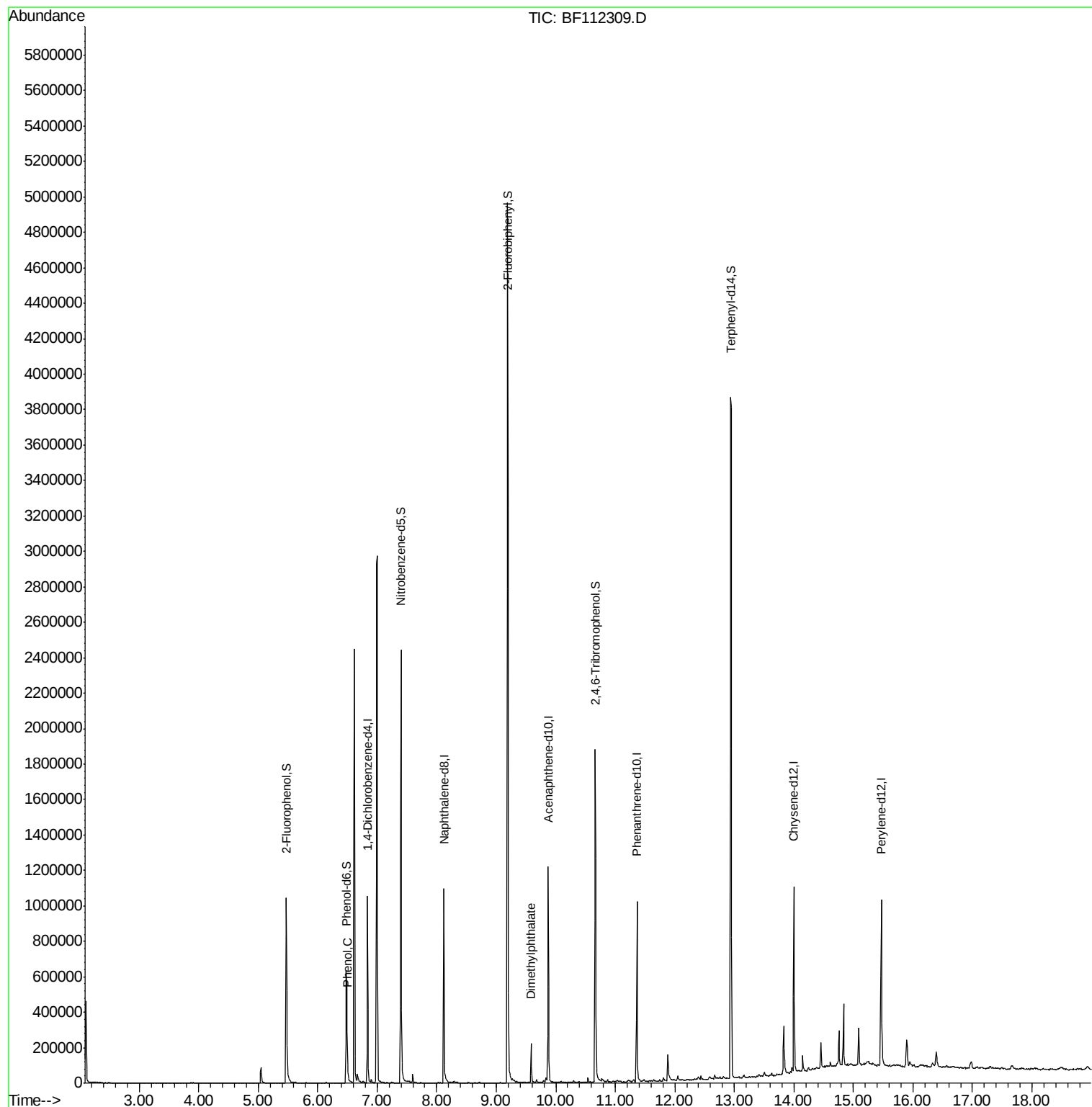
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	159031	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	567580	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	250019	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	437512	20.00	ng	0.00
76) Chrysene-d12	14.00	240	401668	20.00	ng	0.00
87) Perylene-d12	15.47	264	372149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	340393	45.46	ng	0.00
7) Phenol-d6	6.48	99	243441	23.40	ng	-0.01
23) Nitrobenzene-d5	7.40	82	877620	89.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	238782	82.05	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1569219	88.77	ng	-0.01
79) Terphenyl-d14	12.94	244	1407226	65.99	ng	0.00
Target Compounds						
10) Phenol	6.50	94	34151	2.992	ng	Qvalue # 77
50) Dimethylphthalate	9.59	163	98615	5.077	ng	97

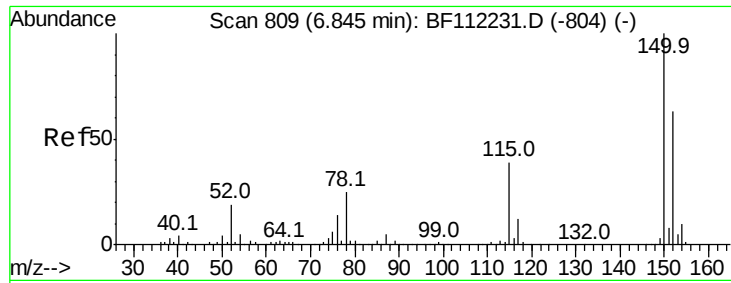
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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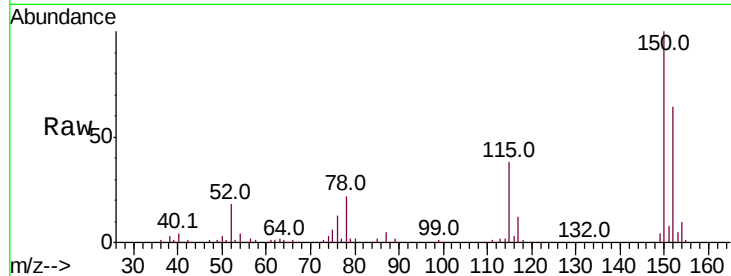


#1

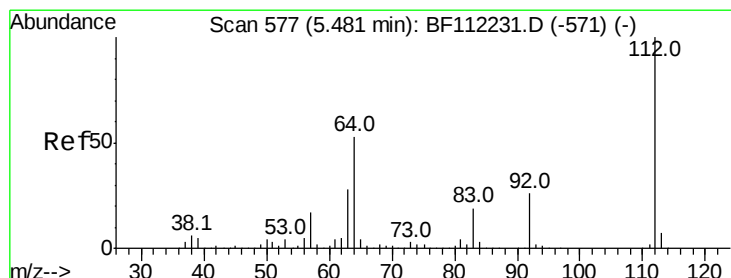
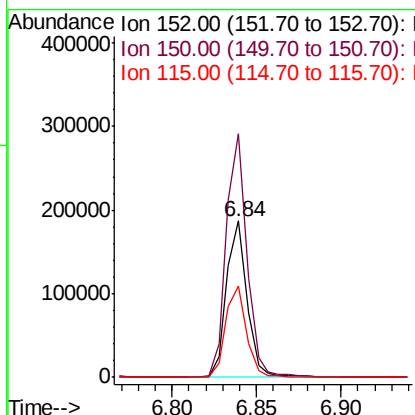
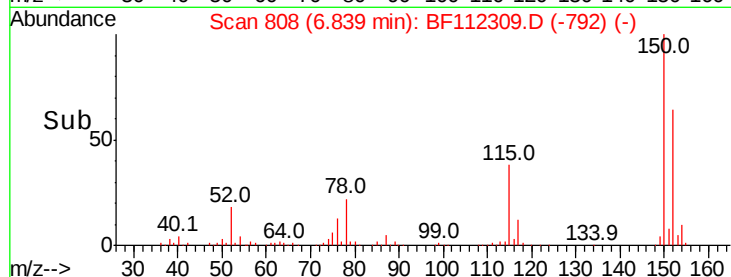
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-U-M

Tot Ion:152 Resp: 159031
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 58.7 45.5 68.3



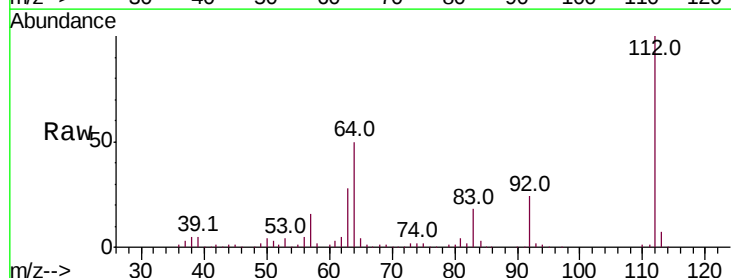
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



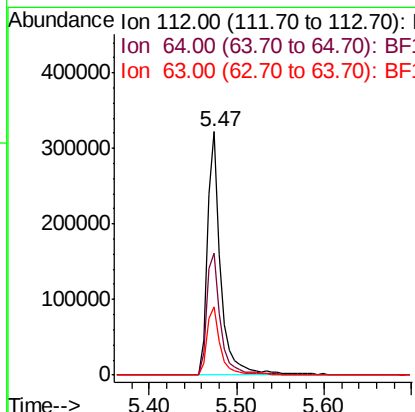
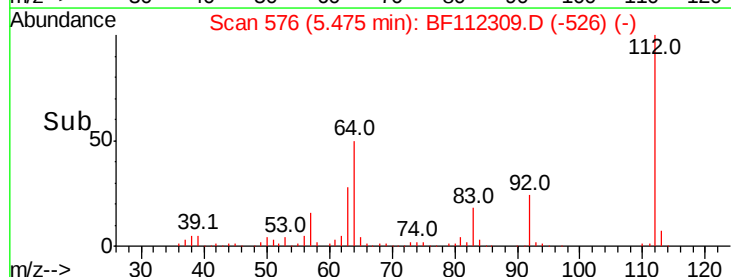
#5

2-Fluorophenol
Concen: 45.464 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

Tgt Ion:112 Resp: 340393
Ion Ratio Lower Upper
112 100
64 50.0 45.7 68.5
63 27.9 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: 23.399 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-U-M

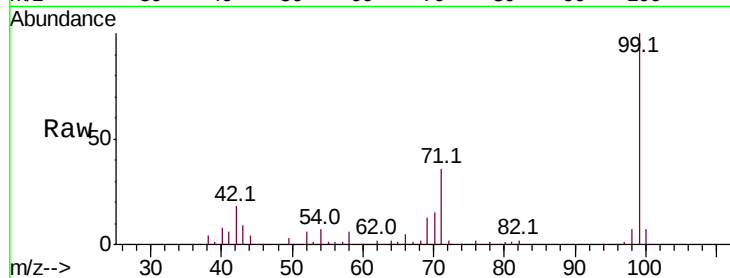
Tot Ion: 99 Resp: 243441

Ion Ratio Lower Upper

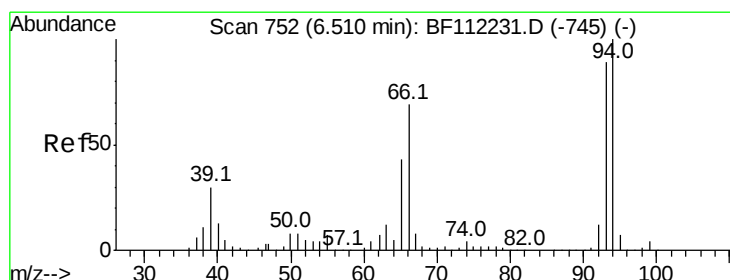
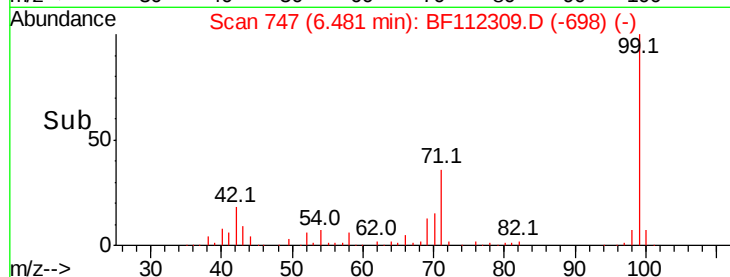
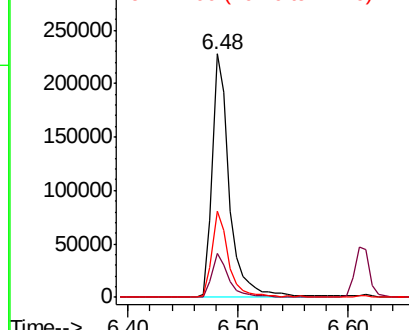
99 100

42 18.2 15.1 22.7

71 35.5 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: 2.992 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

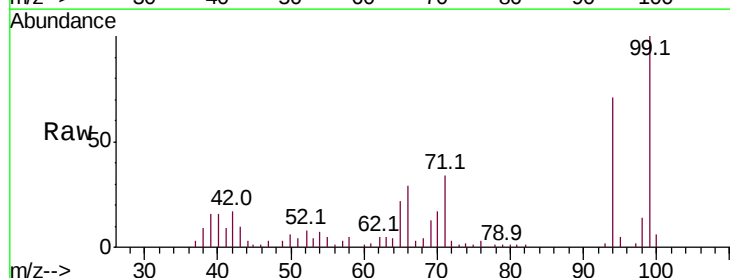
Tgt Ion: 94 Resp: 34151

Ion Ratio Lower Upper

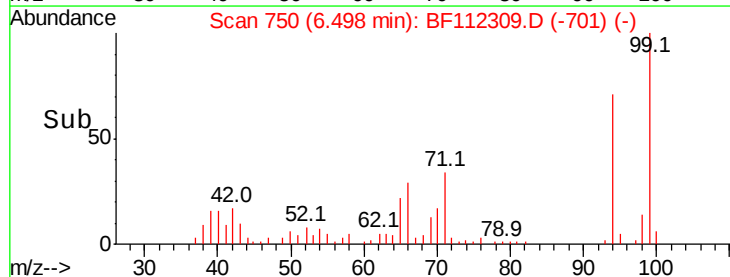
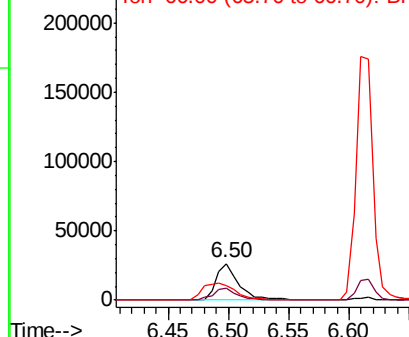
94 100

65 30.8 20.3 60.3

66 41.0 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# 1026

Delta R.T. -0.01 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-U-M

Tot Ion:136 Resp: 567580

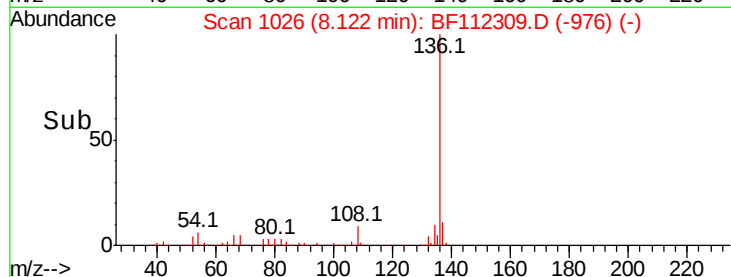
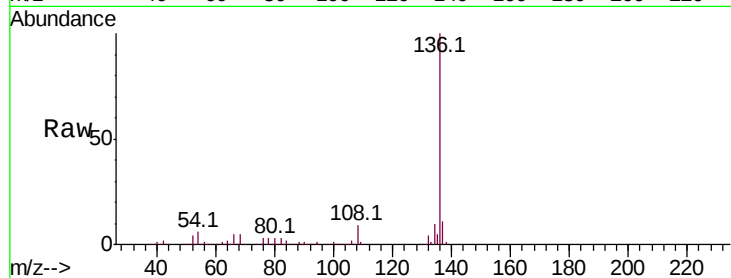
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.9 5.9 8.9

68 4.9 5.1 7.7#

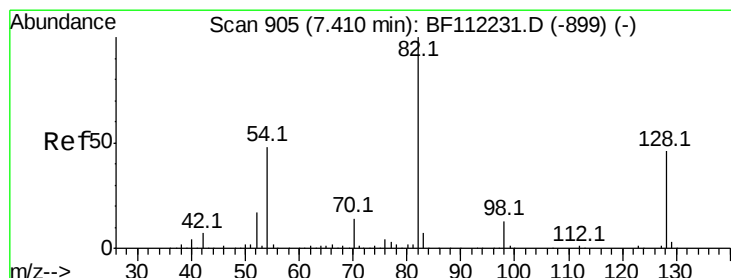
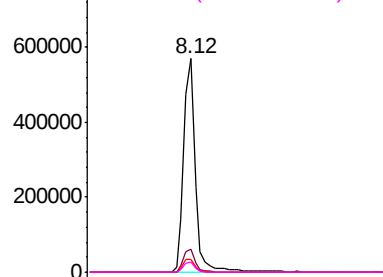


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.095 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

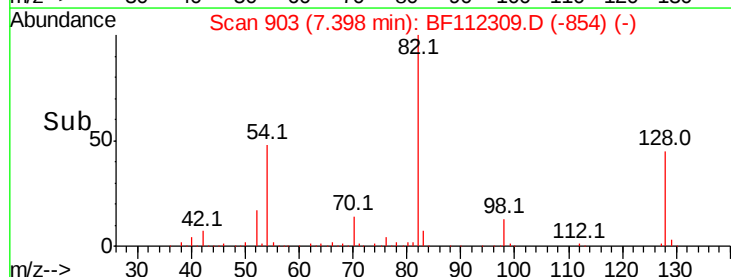
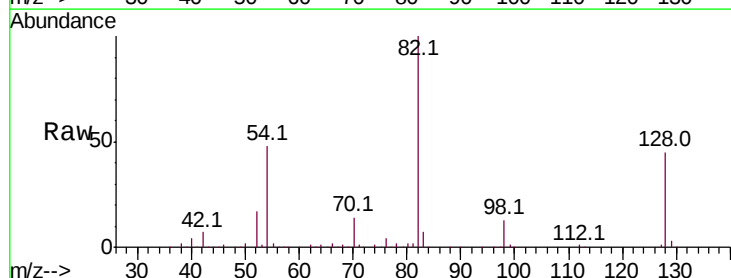
Tgt Ion: 82 Resp: 877620

Ion Ratio Lower Upper

82 100

128 45.3 37.8 56.8

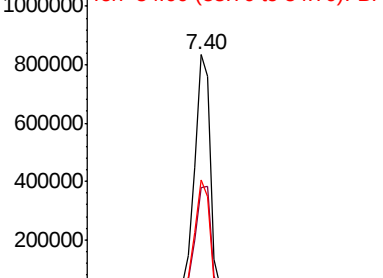
54 48.5 39.7 59.5

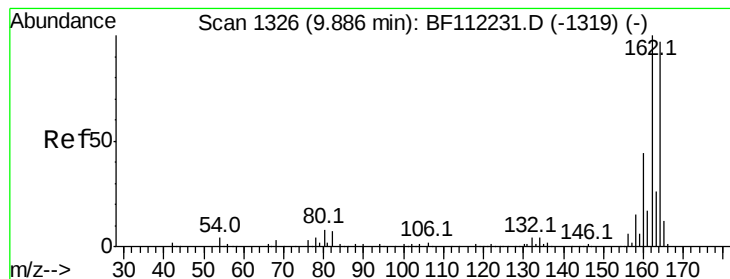


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1324

Delta R.T. -0.01 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-U-M

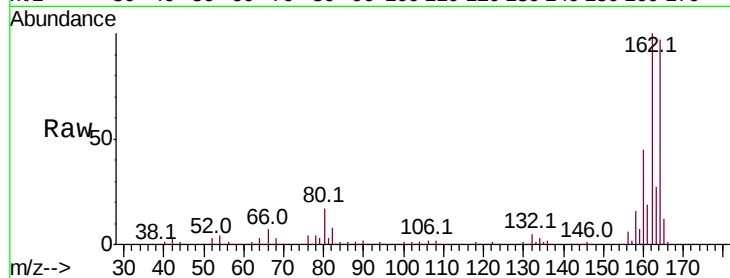
Tot Ion:164 Resp: 250019

Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.4

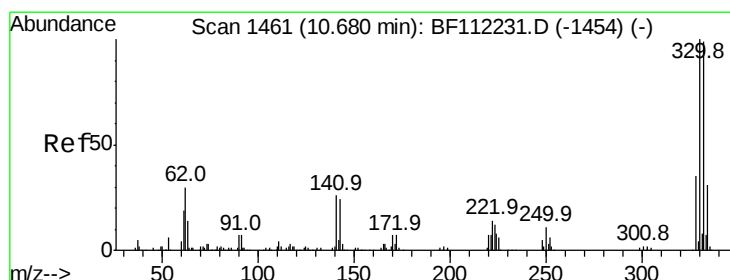
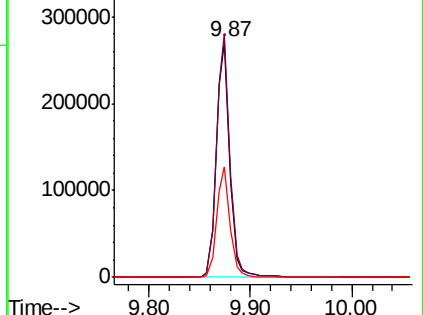
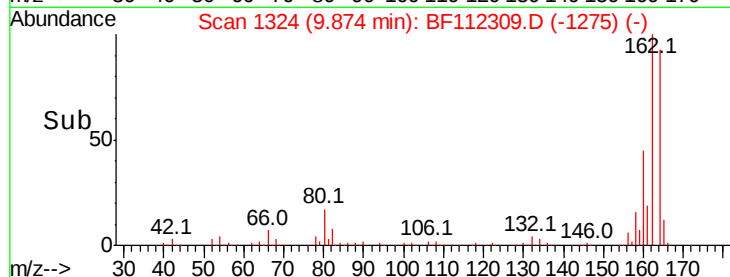
160 47.0 36.2 54.4



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: 82.051 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

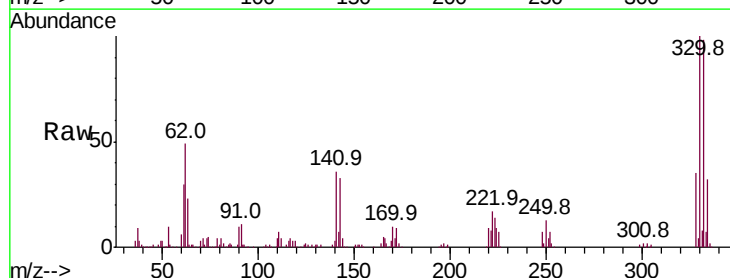
Tgt Ion:330 Resp: 238782

Ion Ratio Lower Upper

330 100

332 98.2 76.6 114.8

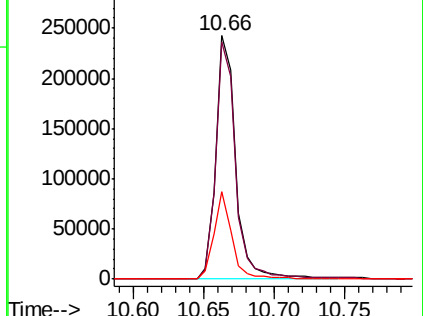
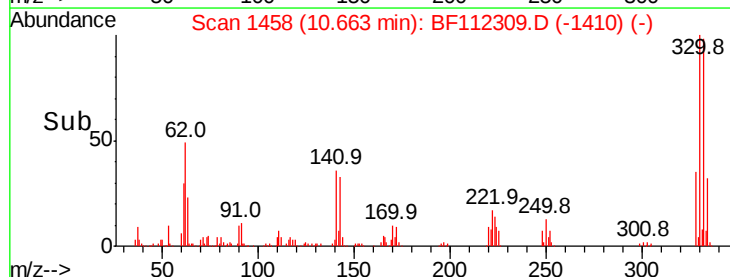
141 33.1 24.3 36.5

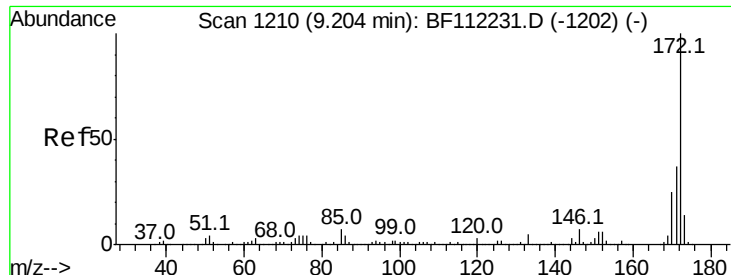


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



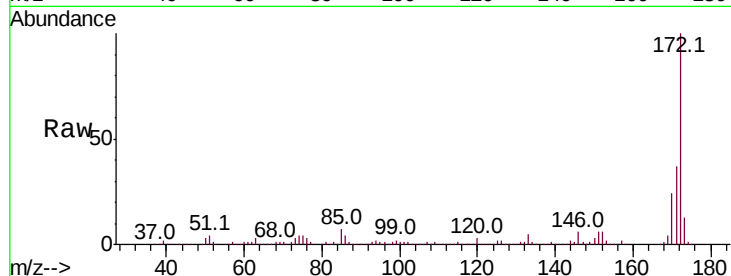


#45
 2-Fluorobiphenyl
 Concen: 88.769 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112309.D
 Acq: 29 Jan 2019 21:48

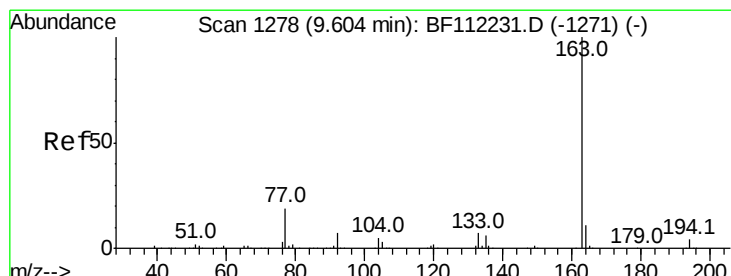
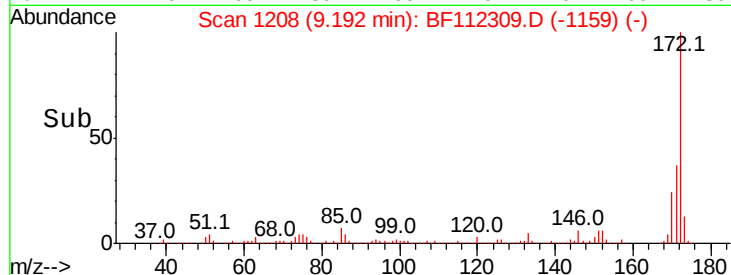
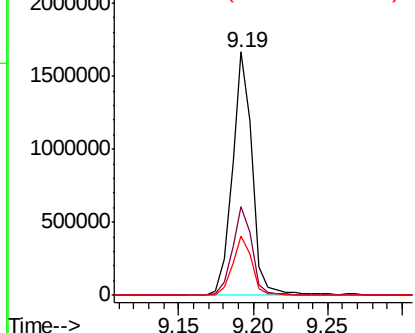
Instrument :
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 012519-SIDI-E-U-M

Tot Ion:172 Resp: 1569219

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.3	20.2	30.4



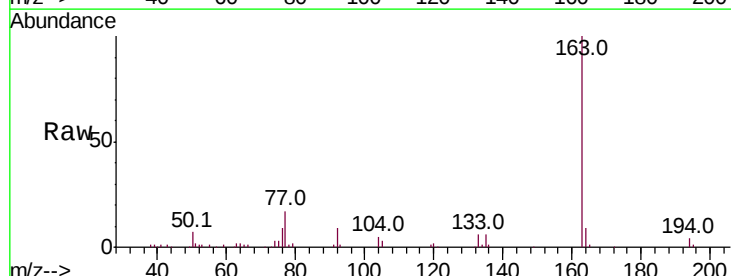
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



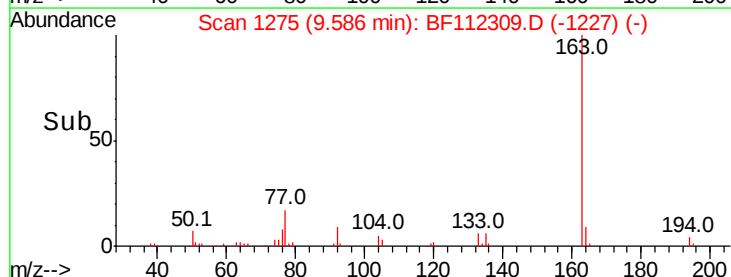
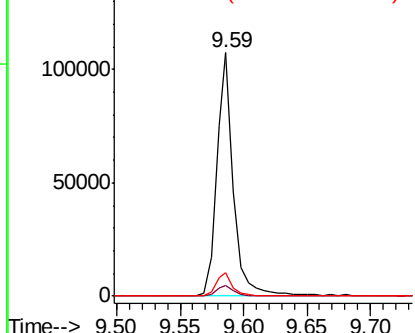
#50
 Dimethylphthalate
 Concen: 5.077 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF112309.D
 Acq: 29 Jan 2019 21:48

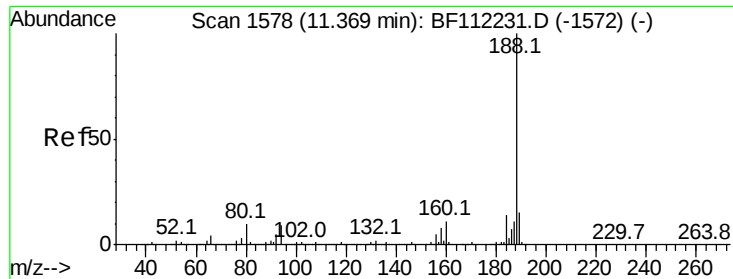
Tgt Ion:163 Resp: 98615

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.4	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

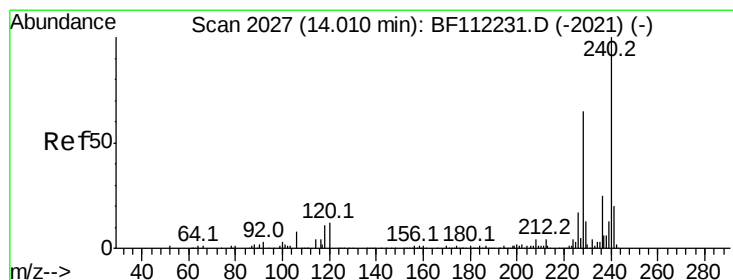
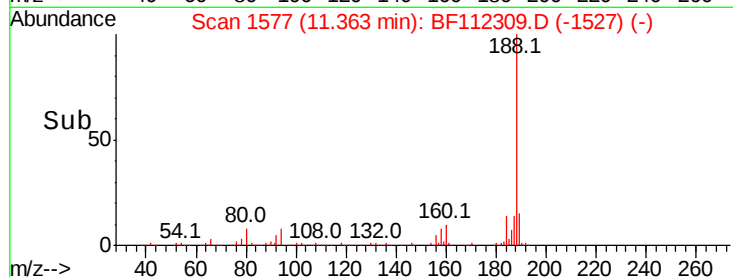
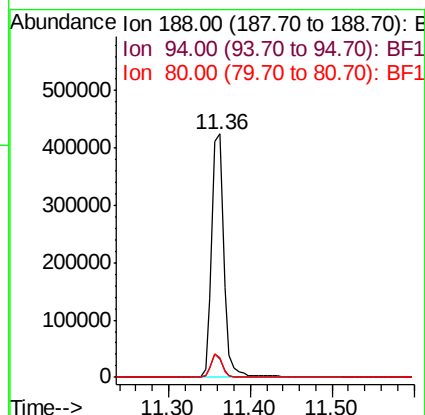
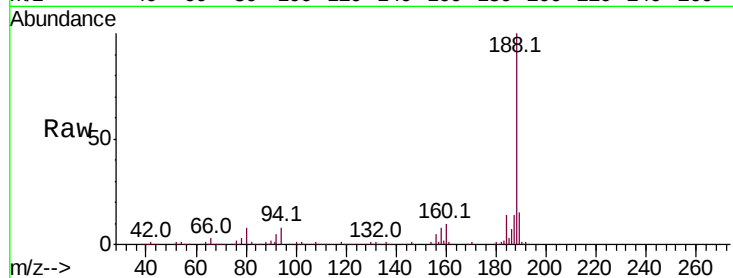




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

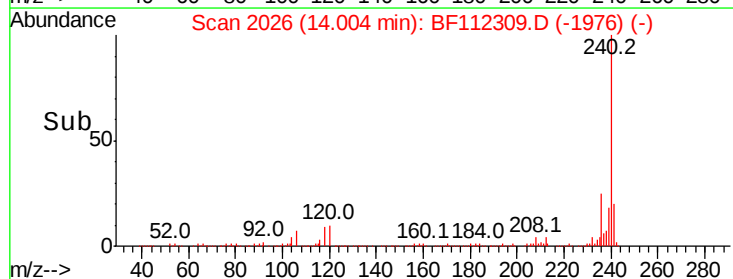
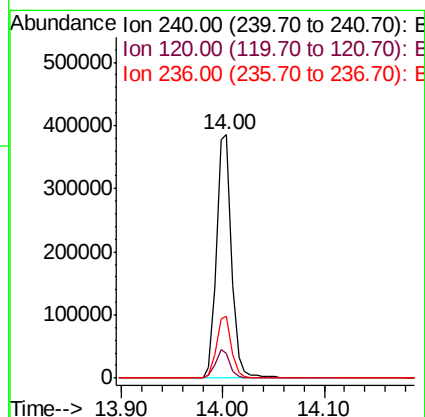
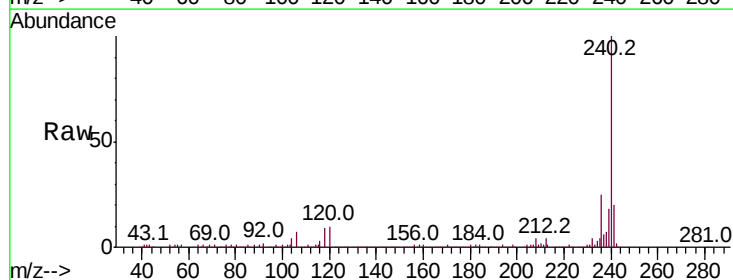
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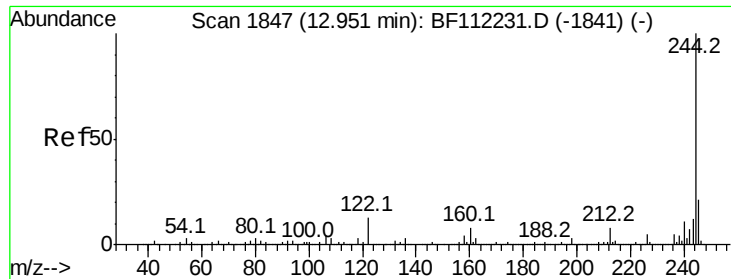
Tot Ion:188 Resp: 437512
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 7.9 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

Tgt Ion:240 Resp: 401668
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 25.5 20.7 31.1

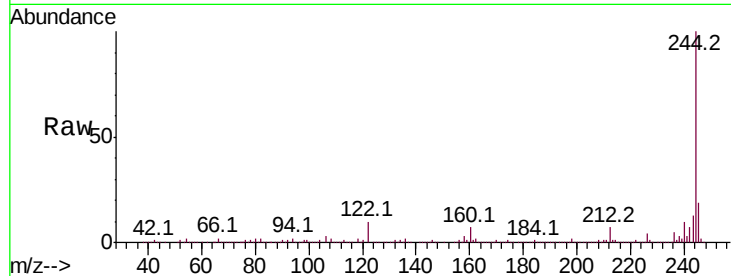




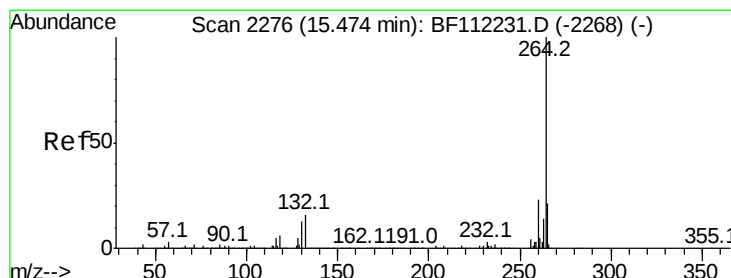
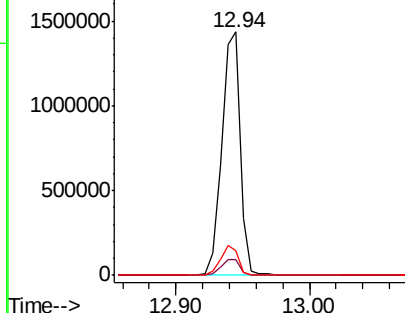
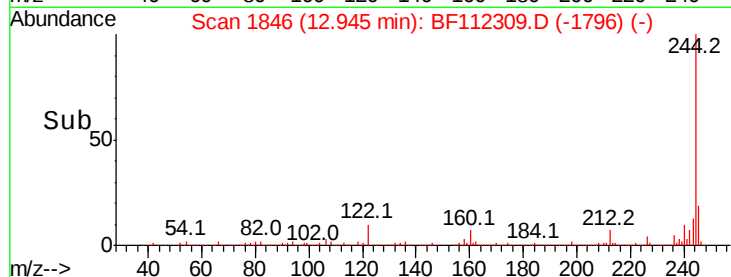
#79
 Terphenyl-d14
 Concen: 65.986 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112309.D
 Acq: 29 Jan 2019 21:48

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-U-M

Tot Ion:244 Resp: 1407226
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.1 9.8 14.6

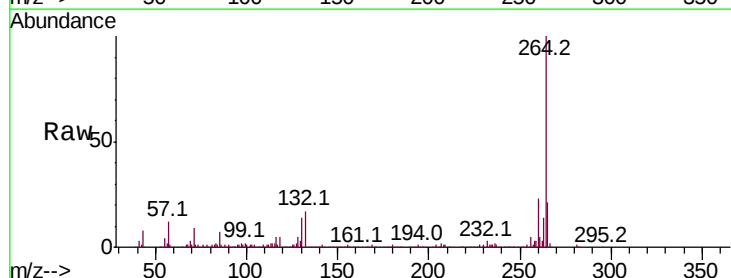


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112309.D
 Acq: 29 Jan 2019 21:48

Tgt Ion:264 Resp: 372149
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 21.2 17.0 25.4



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

