

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044758.D
 Acq On : 13 Mar 2020 6:44
 Operator : CG/JU
 Sample : L1824-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(5)

Quant Time: Mar 13 07:53:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

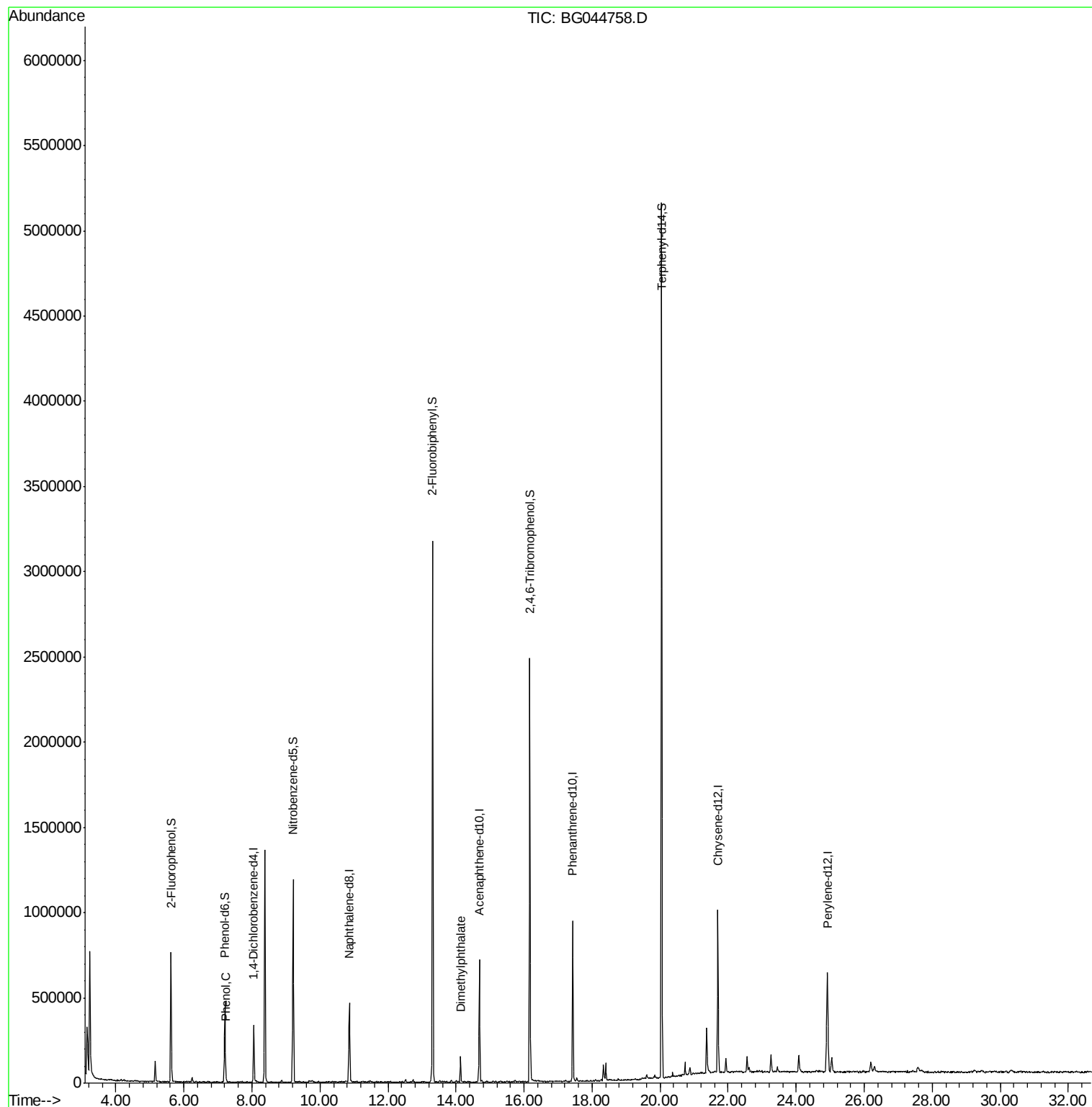
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	95295	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	391227	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	273856	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	593342	20.00	ng	0.00
76) Chrysene-d12	21.70	240	550626	20.00	ng	-0.02
87) Perylene-d12	24.92	264	624174	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	323665	52.87	ng	0.00
7) Phenol-d6	7.20	99	281038	31.60	ng	-0.01
23) Nitrobenzene-d5	9.21	82	761823	85.45	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	449263	125.29	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1597724	83.55	ng	0.00
79) Terphenyl-d14	20.05	244	2326949	79.05	ng	0.00
Target Compounds						
10) Phenol	7.23	94	19003	2.158	ng	95
50) Dimethylphthalate	14.13	163	96649	4.431	ng	99

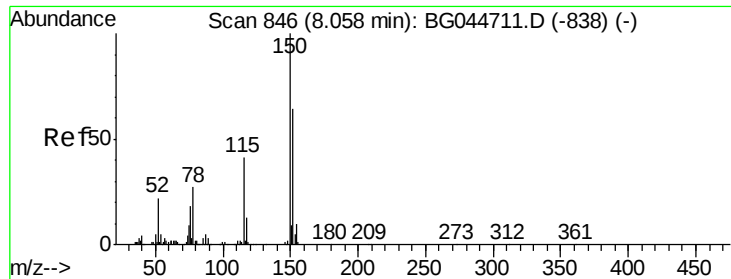
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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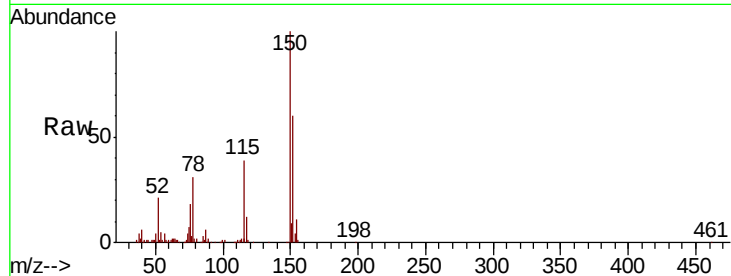


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :
INDIAN-ISLAND-(5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.5	125.3	187.9
115	64.4	51.7	77.5

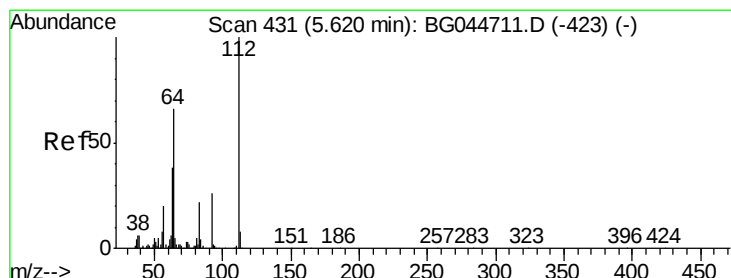
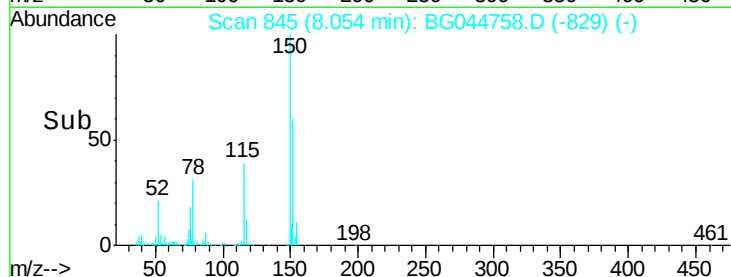
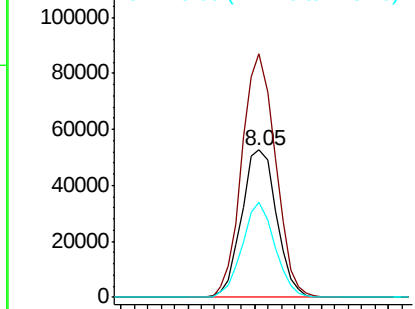


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

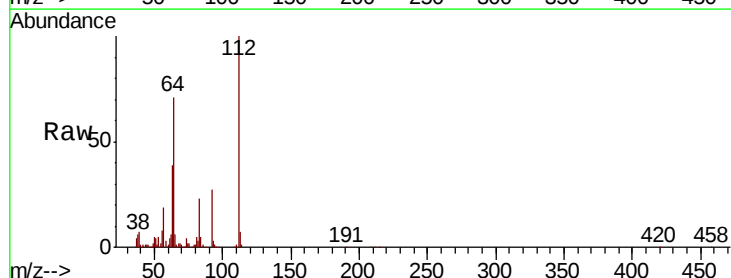
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.872 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	52.6	78.8
63	38.8	30.2	45.4

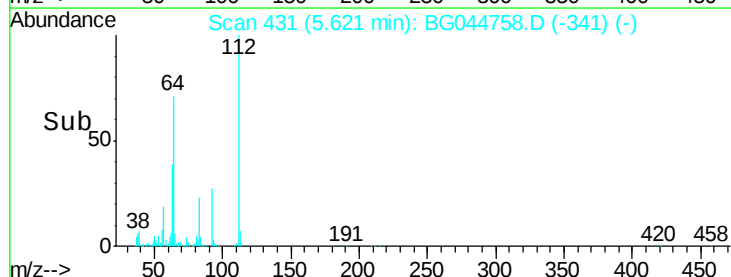
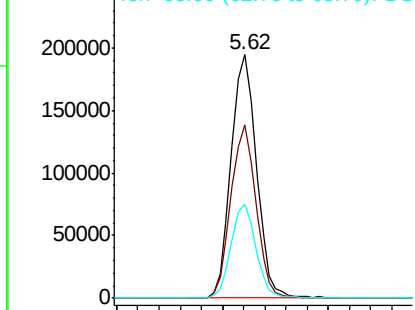


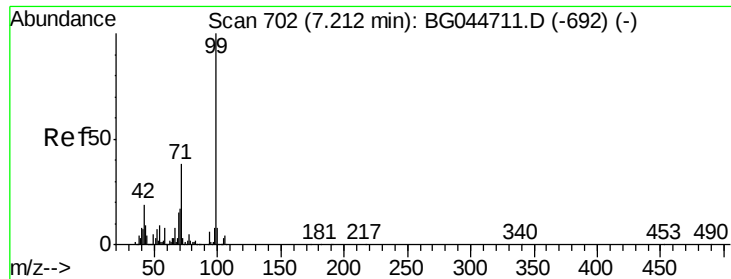
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 31.598 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044758.D

Acq: 13 Mar 2020 6:44

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(5)

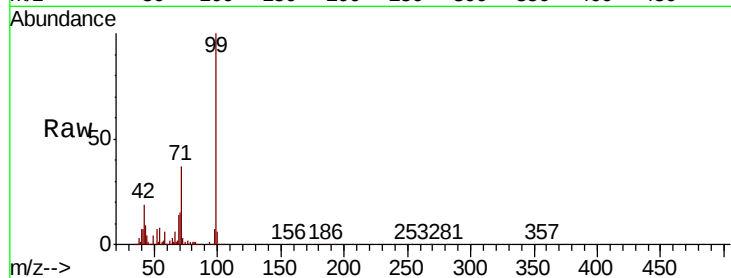
Tot Ion: 99 Resp: 281038

Ion Ratio Lower Upper

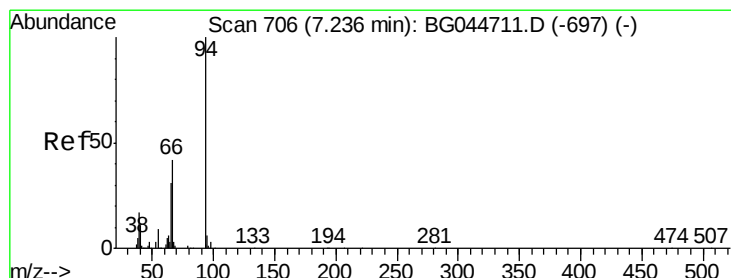
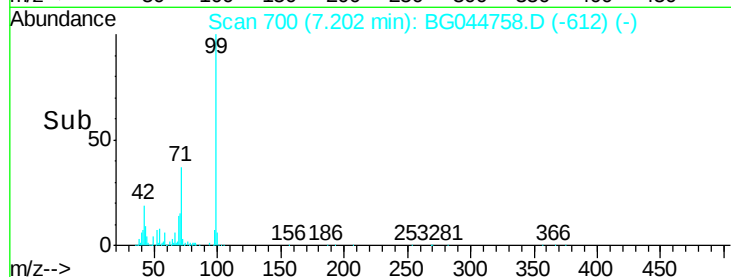
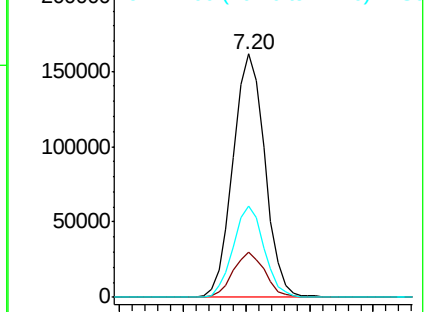
99 100

42 18.8 15.4 23.0

71 37.4 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.158 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG044758.D

Acq: 13 Mar 2020 6:44

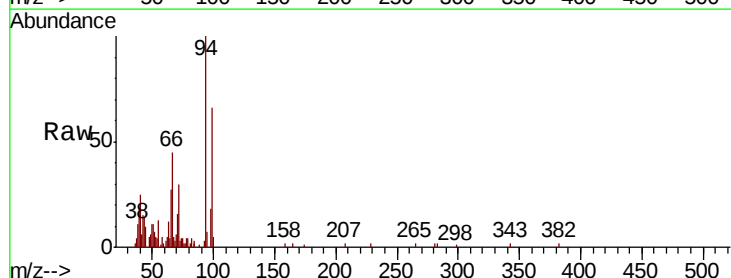
Tgt Ion: 94 Resp: 19003

Ion Ratio Lower Upper

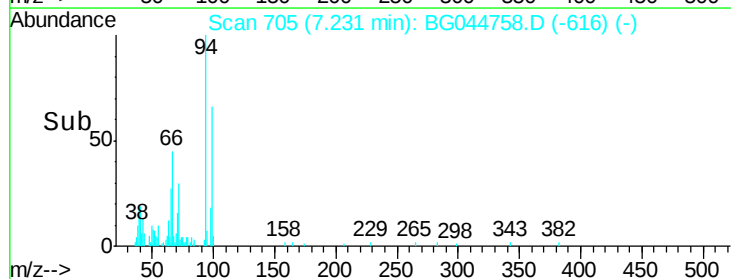
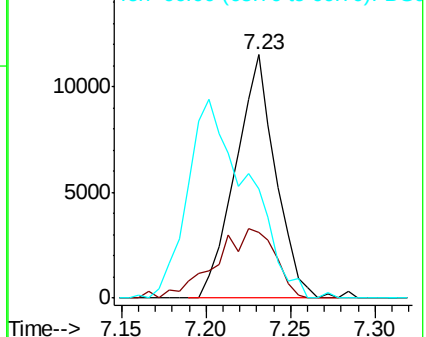
94 100

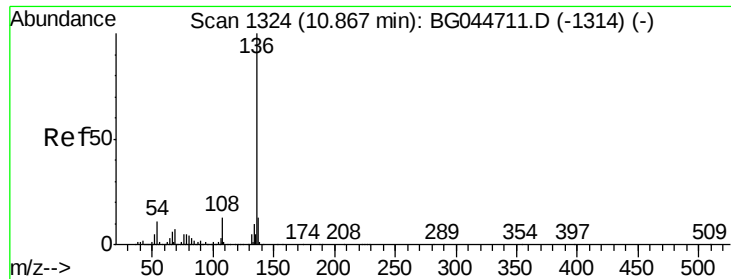
65 27.0 11.3 51.3

66 45.0 22.9 62.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

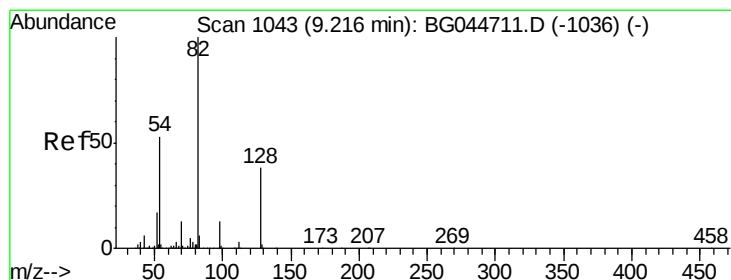
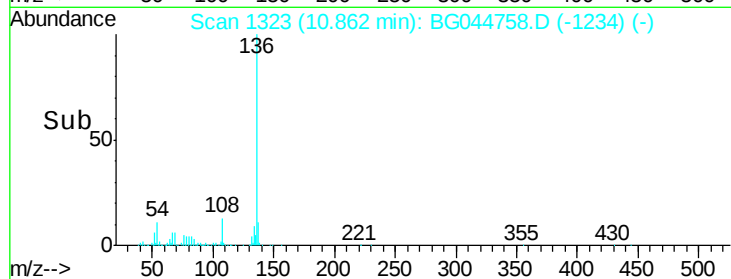
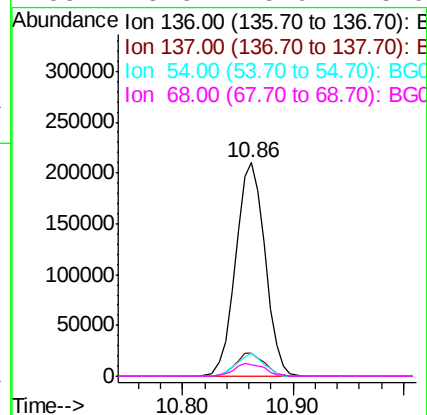
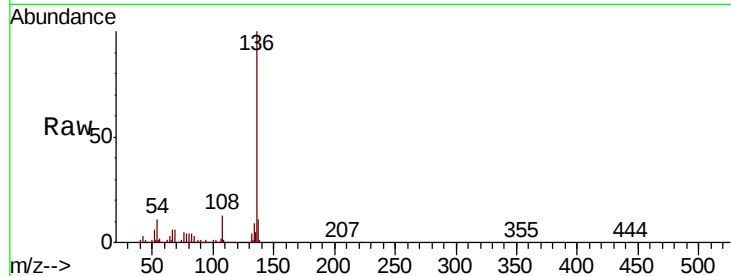




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

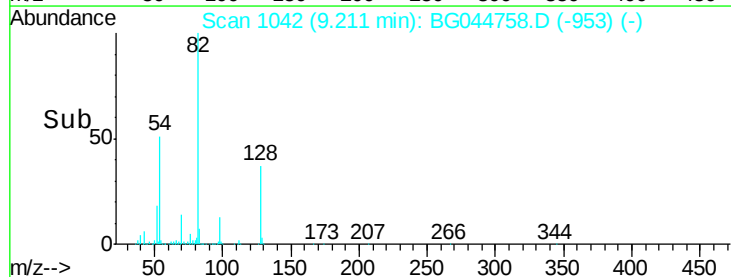
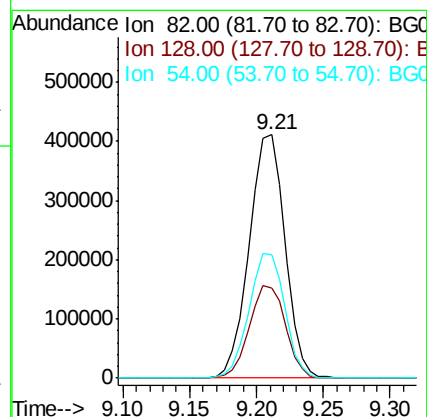
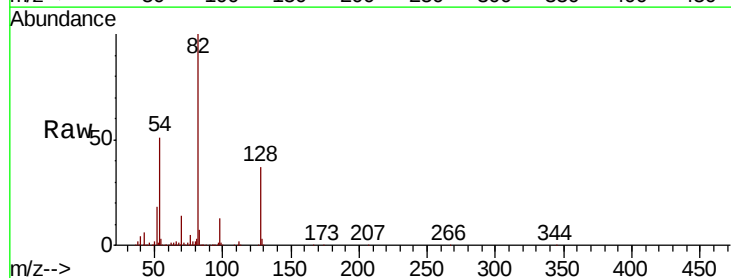
Instrument :
BNA_G
ClientSampleId :
INDIAN-ISLAND-(5)

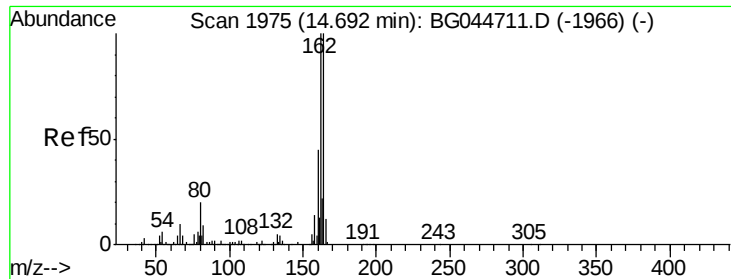
Tot Ion:136	Resp:	391227
Ion Ratio	Lower	Upper
136 100		
137 10.9	10.7	16.1
54 10.8	9.0	13.4
68 5.6	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 85.449 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt	Ion: 82	Resp:	761823
Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.2	45.2
54	50.8	41.8	62.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044758.D

Acq: 13 Mar 2020 6:44

Instrument :

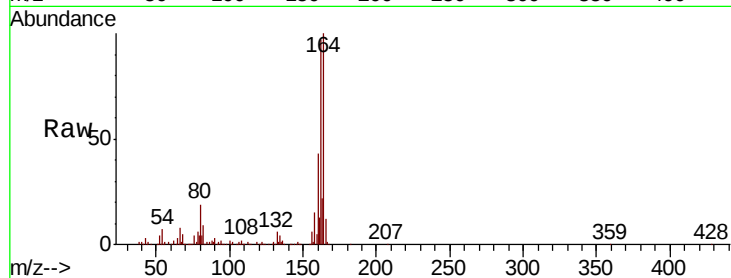
BNA_G

ClientSampleId :

INDIAN-ISLAND-(5)

Tot Ion:164 Resp: 273856

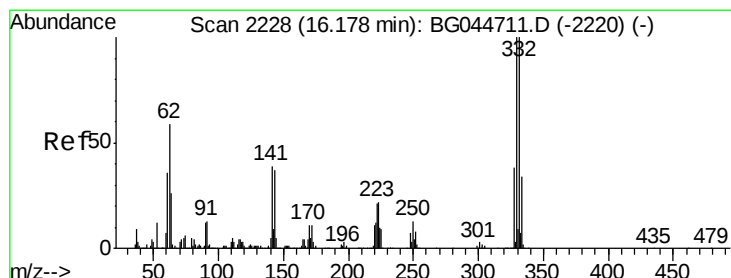
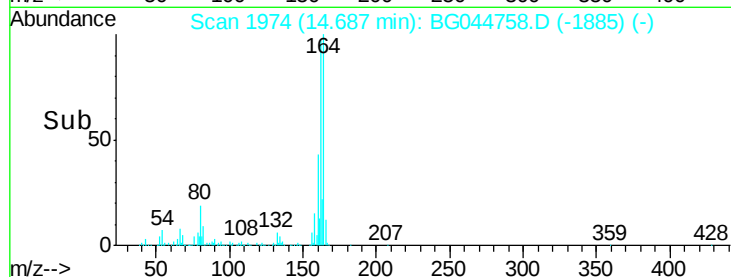
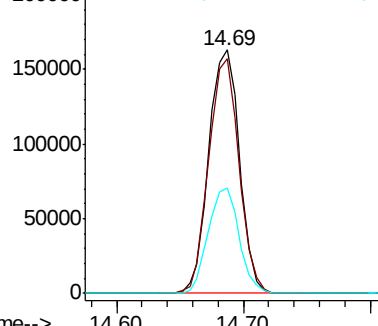
Ion	Ratio	Lower	Upper
164	100		
162	96.5	80.2	120.4
160	43.0	36.2	54.2



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: 125.292 ng

RT: 16.17 min Scan# 2226

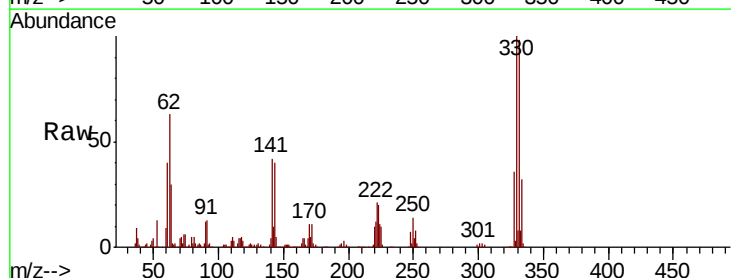
Delta R.T. -0.01 min

Lab File: BG044758.D

Acq: 13 Mar 2020 6:44

Tgt Ion:330 Resp: 449263

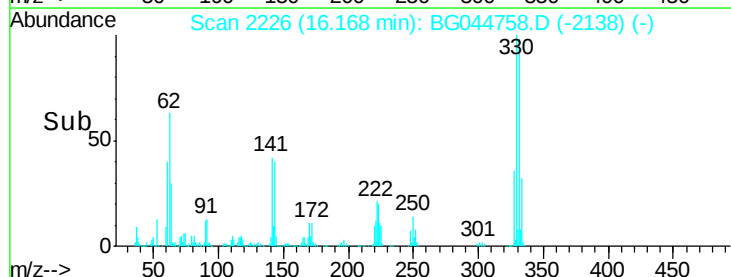
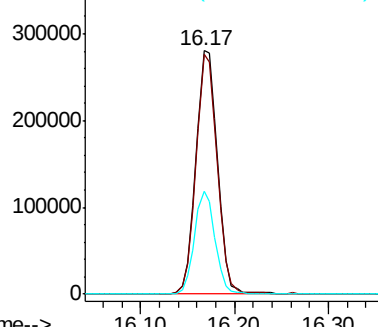
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	40.7	31.7	47.5

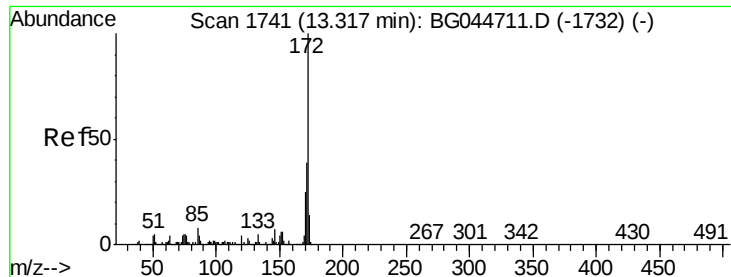


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

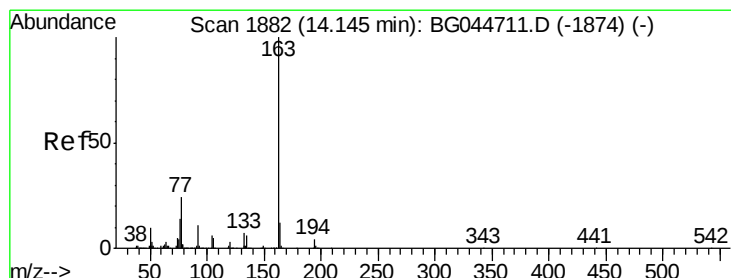
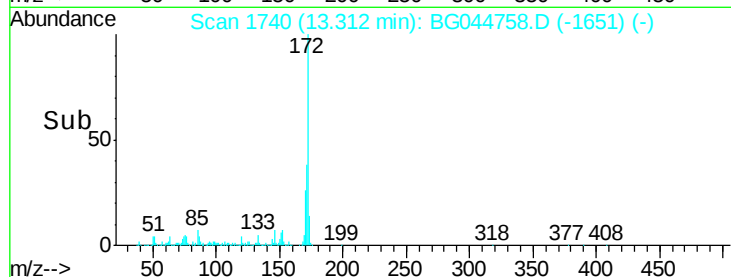
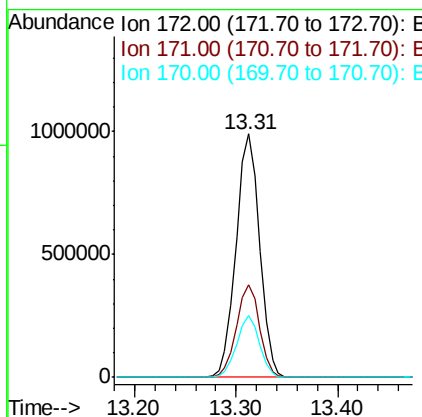
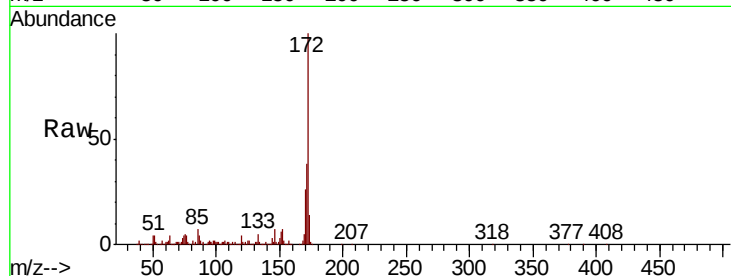




#45
2-Fluorobiphenyl
Concen: 83.547 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

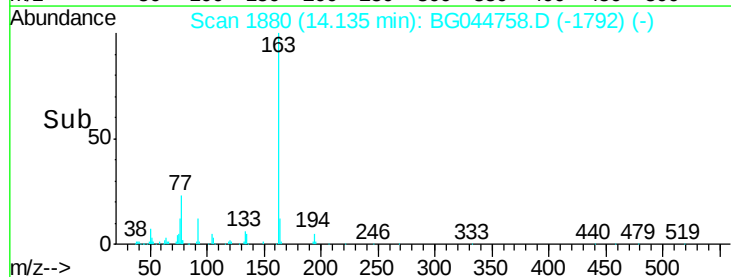
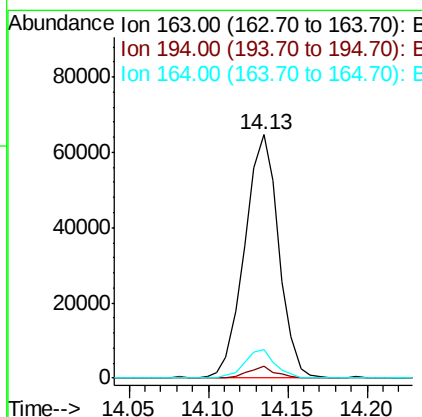
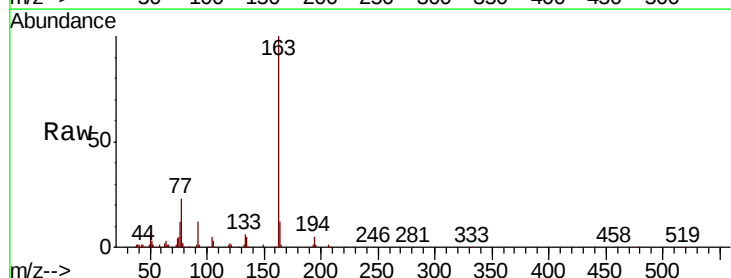
Instrument :
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INDIAN-ISLAND-(5)

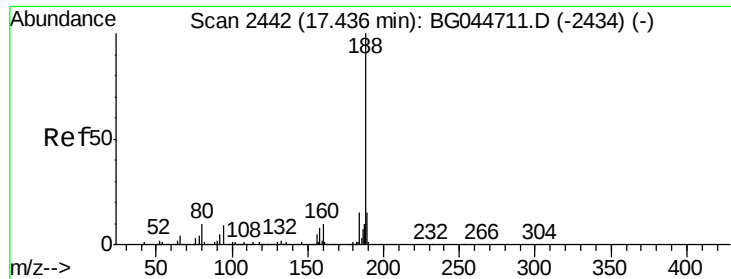
Tot Ion:172 Resp: 1597724
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 25.6 20.0 30.0



#50
Dimethylphthalate
Concen: 4.431 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion:163 Resp: 96649
Ion Ratio Lower Upper
163 100
194 5.1 3.5 5.3
164 11.5 9.2 13.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044758.D

Acq: 13 Mar 2020 6:44

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(5)

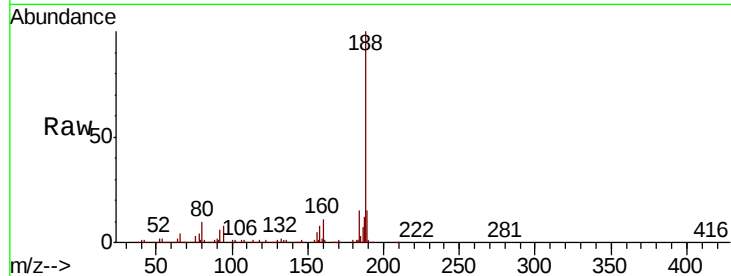
Tot Ion:188 Resp: 593342

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.6

80 10.2 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

400000

300000

200000

100000

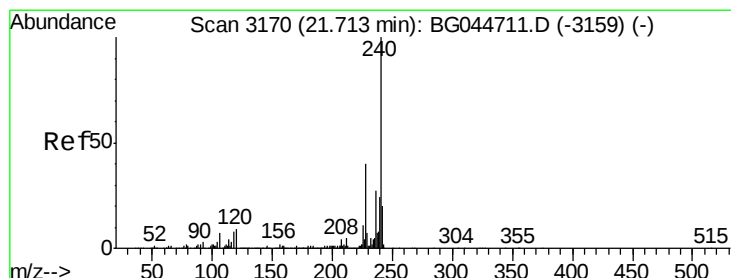
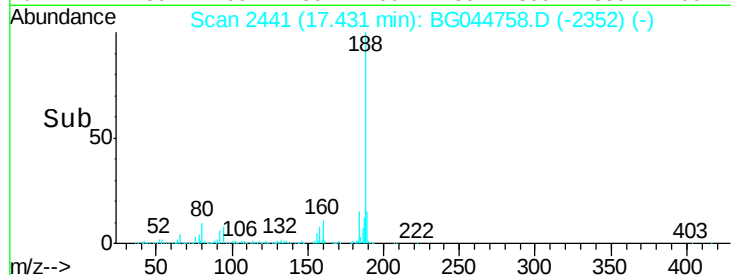
0

17.43

17.40

17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG044758.D

Acq: 13 Mar 2020 6:44

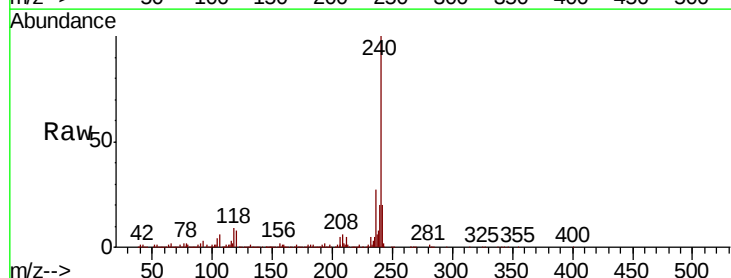
Tgt Ion:240 Resp: 550626

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

236 27.2 21.9 32.9



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

400000

300000

200000

100000

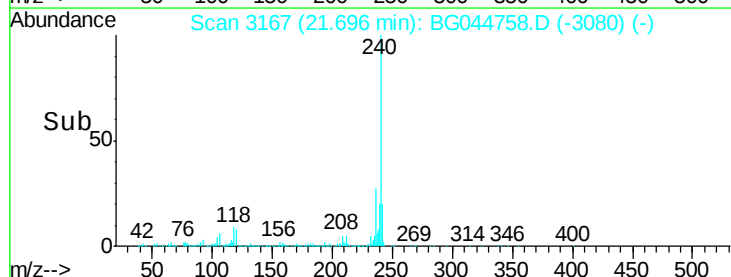
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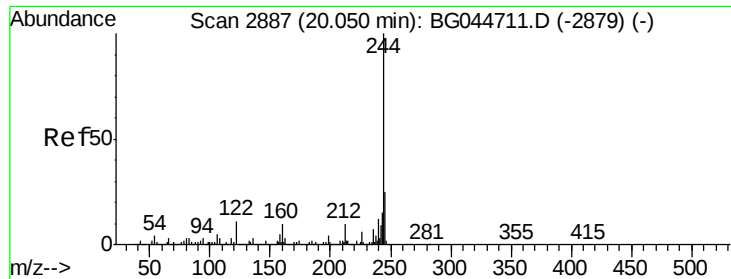
21.70

21.60

21.75

Time-->





#79

Terphenyl-d14

Concen: 79.050 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044758.D

Acq: 13 Mar 2020 6:44

Instrument :

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INDIAN-ISLAND-(5)

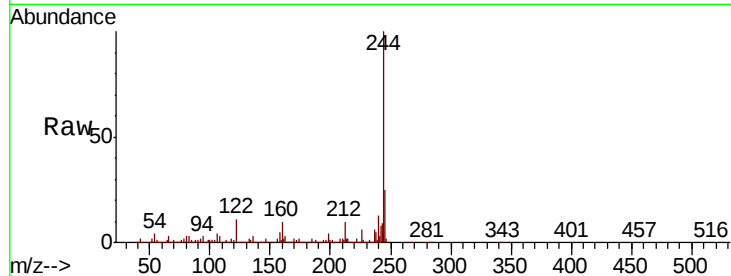
Tot Ion:244 Resp: 2326949

Ion Ratio Lower Upper

244 100

212 10.3 8.4 12.6

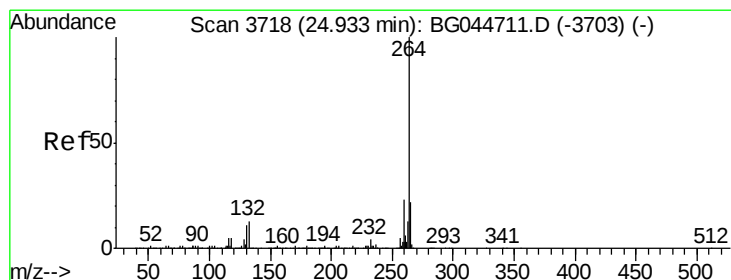
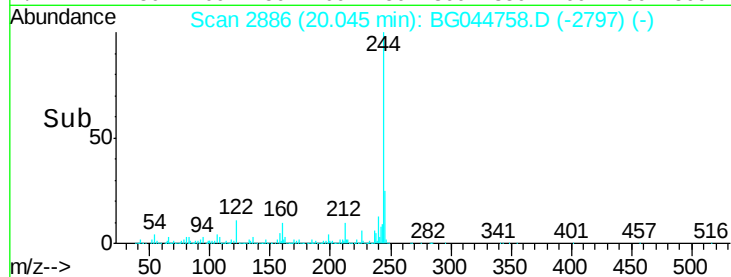
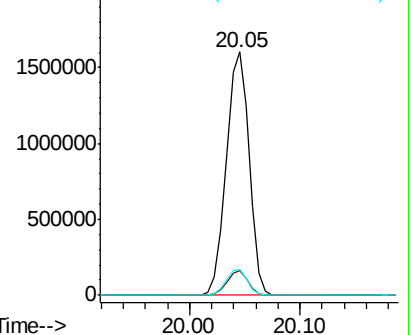
122 10.7 8.7 13.1



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: 24.92 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG044758.D

Acq: 13 Mar 2020 6:44

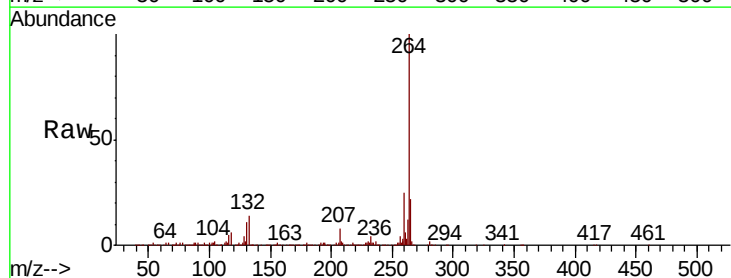
Tgt Ion:264 Resp: 624174

Ion Ratio Lower Upper

264 100

260 25.1 18.4 27.6

265 21.8 17.4 26.2



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

