

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
 Data File : BG039283.D
 Acq On : 25 Jan 2019 18:02
 Operator : JU/SJ
 Sample : K1230-01 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-6

Quant Time: Jan 28 03:14:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

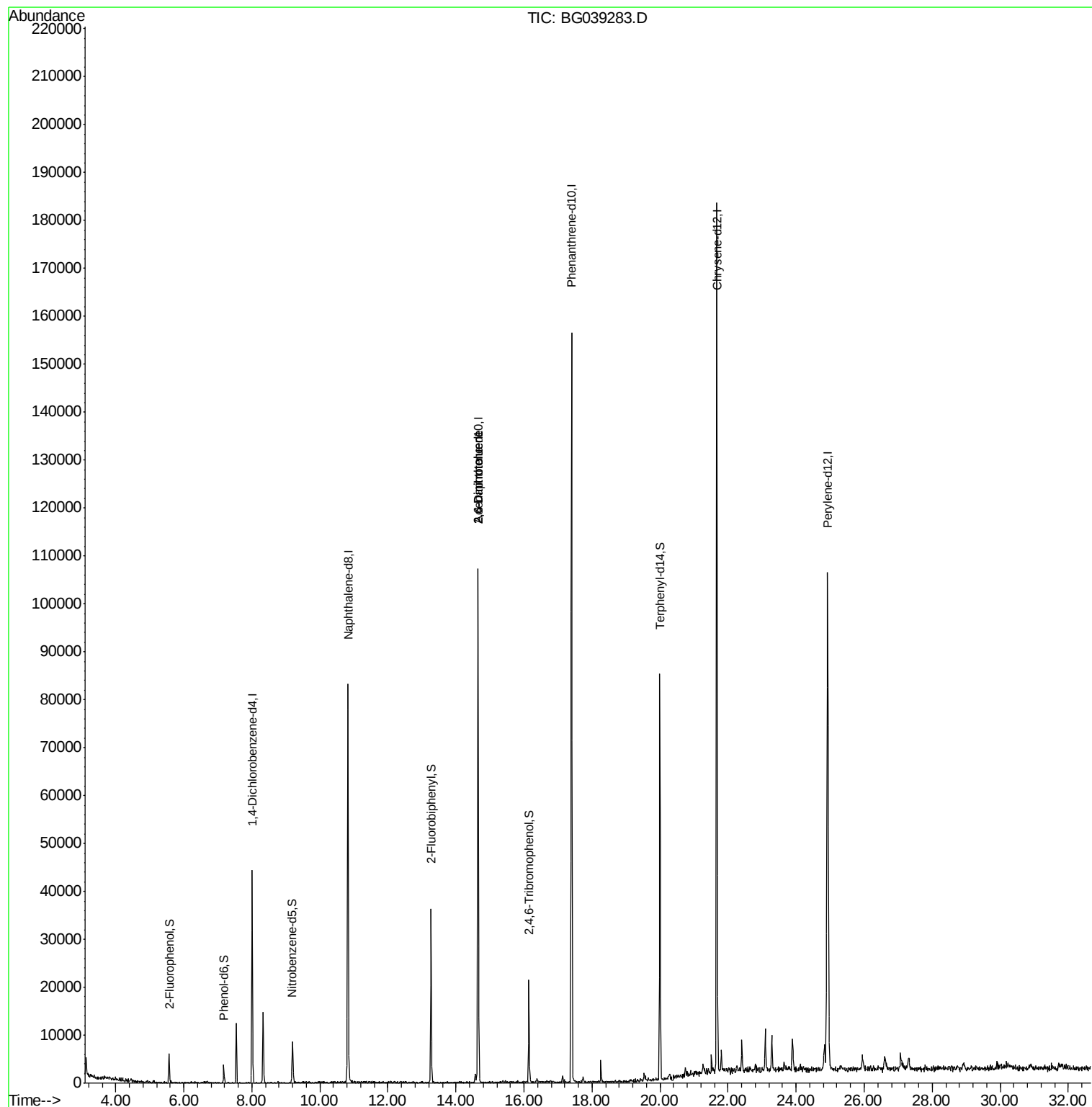
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13533	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	77768	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	40565	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	109453	20.00	ng	0.00
76) Chrysene-d12	21.67	240	123383	20.00	ng	-0.01
87) Perylene-d12	24.92	264	128883	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	3815	5.35	ng	0.00
7) Phenol-d6	7.17	99	2962	2.89	ng	0.00
23) Nitrobenzene-d5	9.20	82	6881	4.84	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	6079	8.94	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	23611	7.97	ng	0.00
79) Terphenyl-d14	19.99	244	47631	7.14	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	14.65	165	5113	6.671	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	5113	4.650	ng	# 26

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

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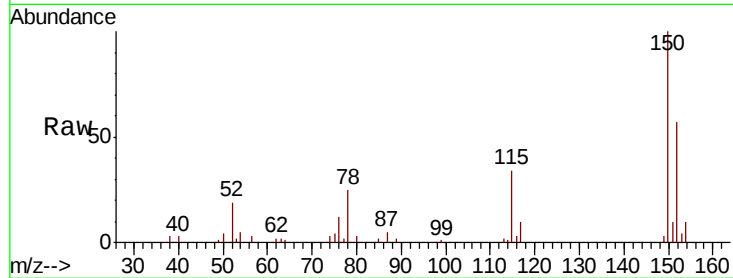


#1

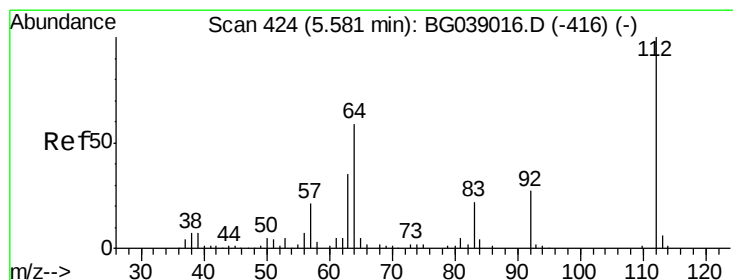
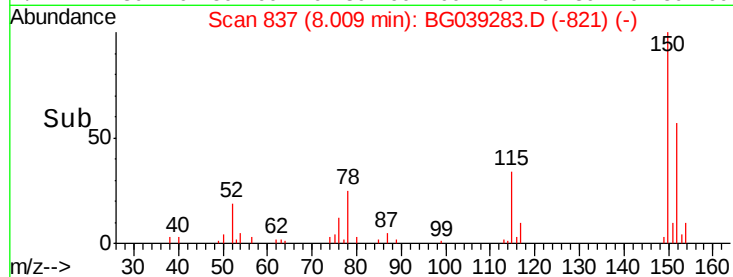
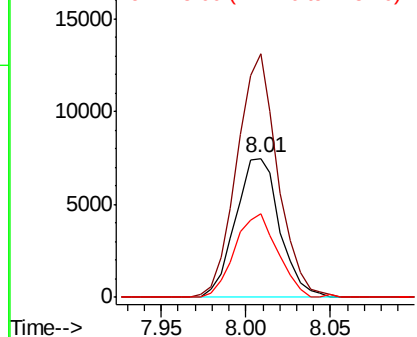
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039283.D
Acq: 25 Jan 2019 18:02

Instrument :
BNA_G
ClientSampleId :
MH-6

Tgt Ion:152 Resp: 13533
Ion Ratio Lower Upper
152 100
150 174.8 124.7 187.1
115 59.7 46.5 69.7



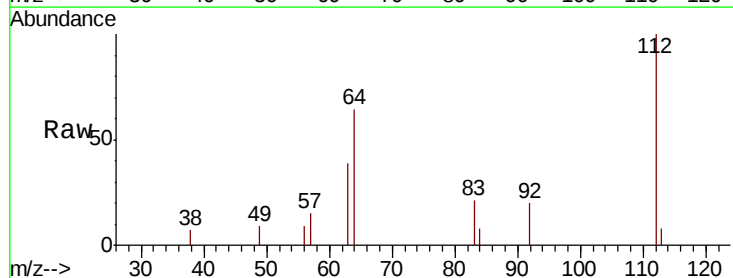
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



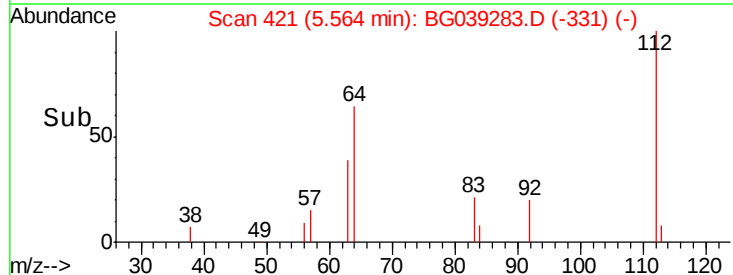
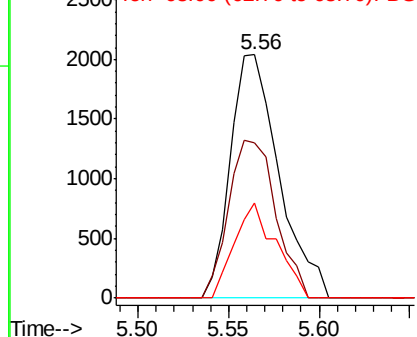
#5

2-Fluorophenol
Concen: 5.348 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039283.D
Acq: 25 Jan 2019 18:02

Tgt Ion:112 Resp: 3815
Ion Ratio Lower Upper
112 100
64 64.0 47.0 70.6
63 39.0 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 2.885 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039283.D

Acq: 25 Jan 2019 18:02

Instrument :

BNA_G

ClientSampleId :

MH-6

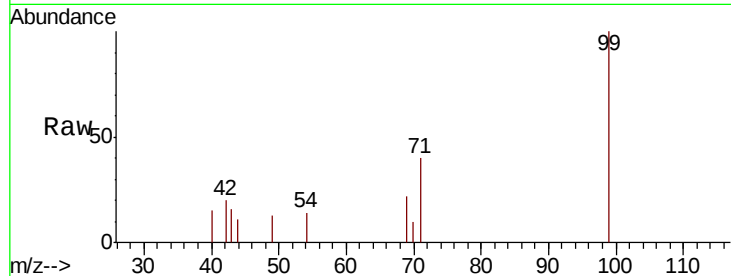
Tgt Ion: 99 Resp: 2962

Ion Ratio Lower Upper

99 100

42 20.3 15.8 23.6

71 39.8 30.2 45.4

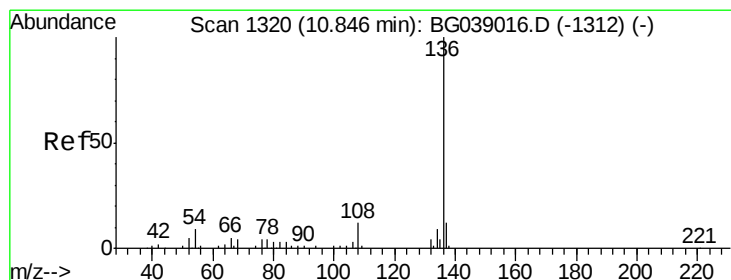
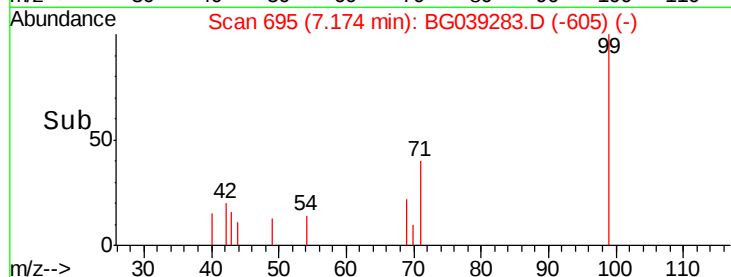
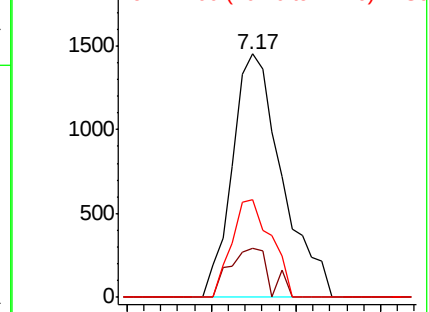


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039283.D

Acq: 25 Jan 2019 18:02

Tgt Ion: 136 Resp: 77768

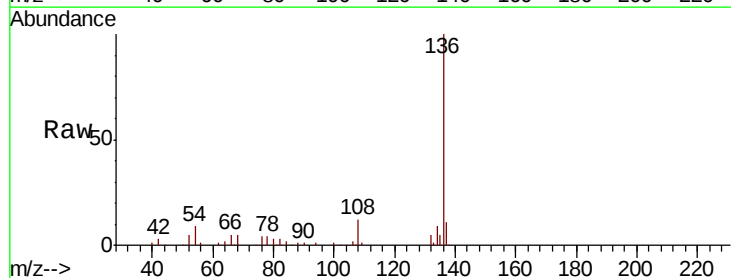
Ion Ratio Lower Upper

136 100

137 10.6 9.4 14.2

54 9.0 7.2 10.8

68 4.9 3.5 5.3



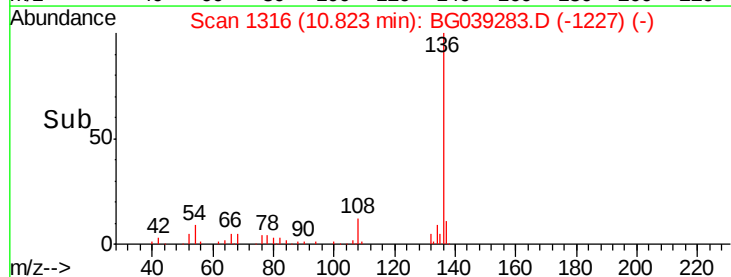
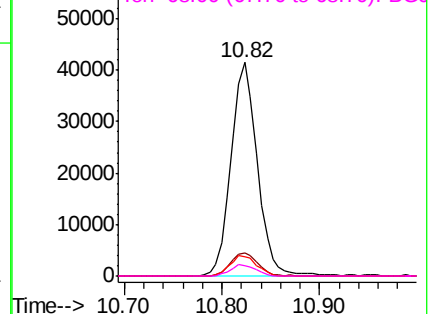
Abundance

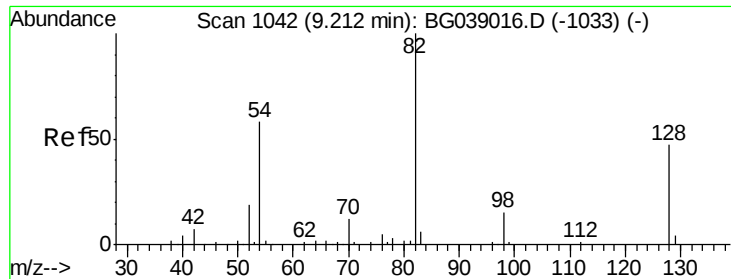
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

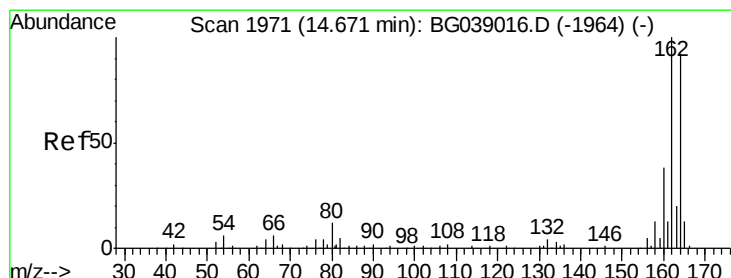
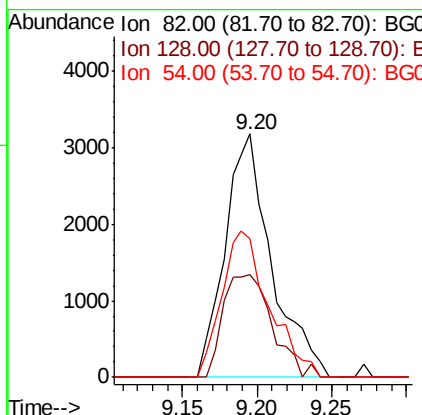
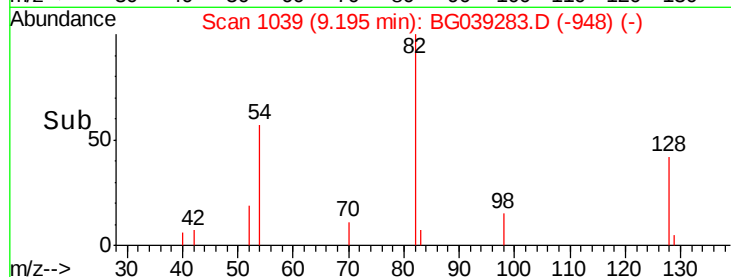
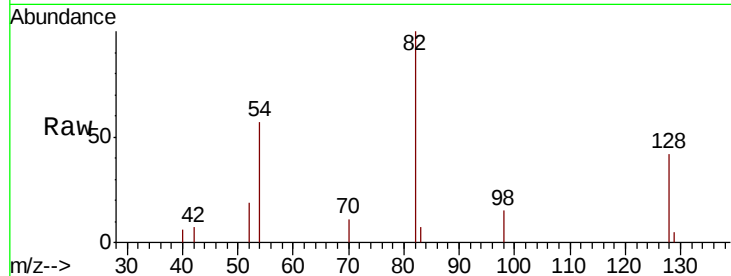




#23
 Nitrobenzene-d5
 Concen: 4.842 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BG039283.D
 Acq: 25 Jan 2019 18:02

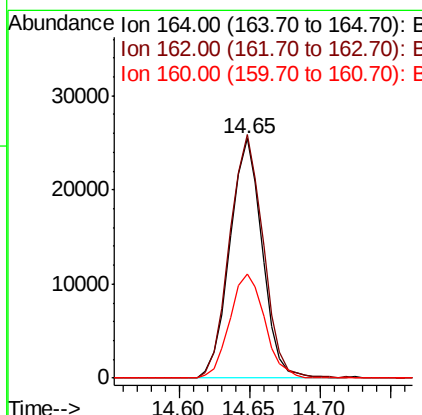
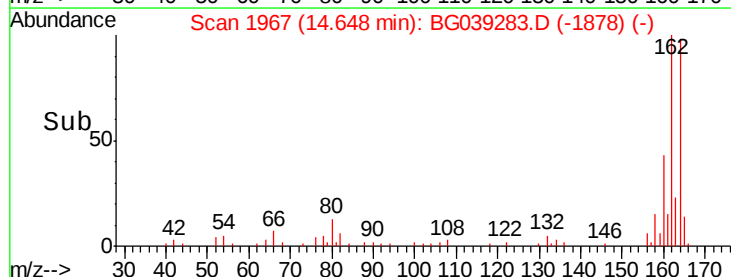
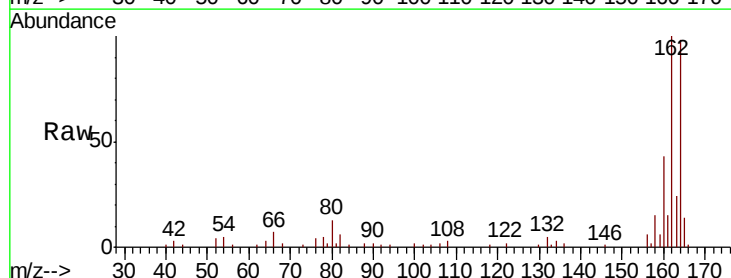
Instrument :
 BNA_G
 ClientSampleId :
 MH-6

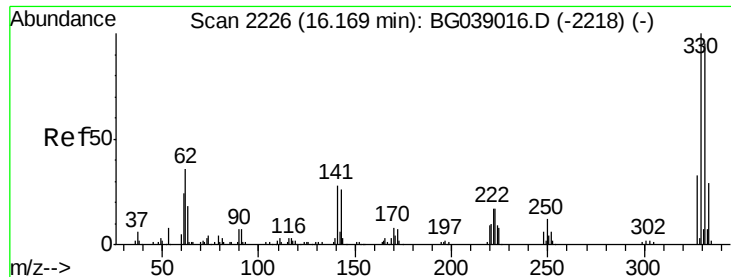
Tgt Ion: 82 Resp: 6881
 Ion Ratio Lower Upper
 82 100
 128 42.3 37.3 55.9
 54 57.2 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG039283.D
 Acq: 25 Jan 2019 18:02

Tgt Ion: 164 Resp: 40565
 Ion Ratio Lower Upper
 164 100
 162 101.7 87.2 130.8
 160 43.4 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 8.940 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039283.D

Acq: 25 Jan 2019 18:02

Instrument :

BNA_G

ClientSampleId :

MH-6

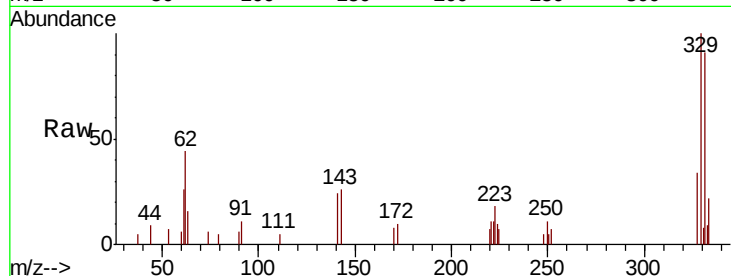
Tgt Ion:330 Resp: 6079

Ion Ratio Lower Upper

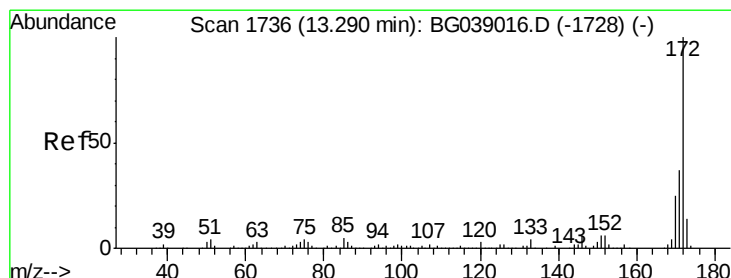
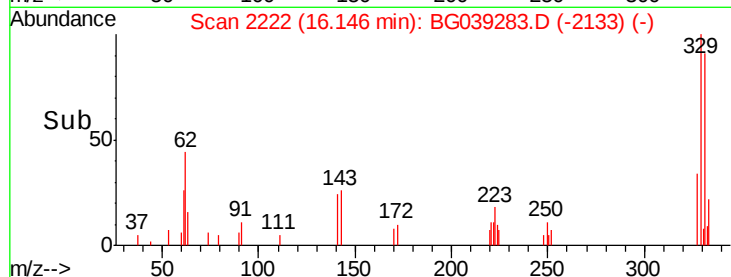
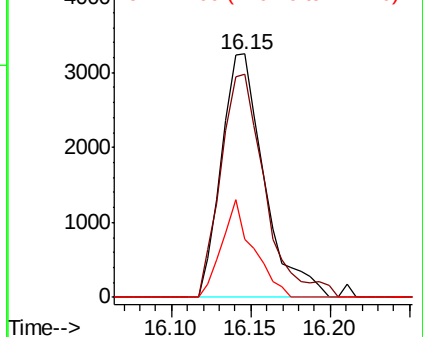
330 100

332 94.5 75.7 113.5

141 29.4 24.9 37.3



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: 7.966 ng

RT: 13.27 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039283.D

Acq: 25 Jan 2019 18:02

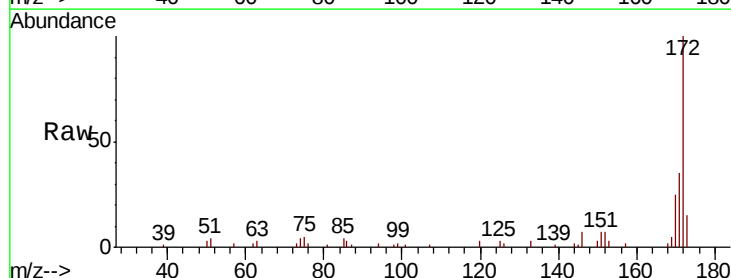
Tgt Ion:172 Resp: 23611

Ion Ratio Lower Upper

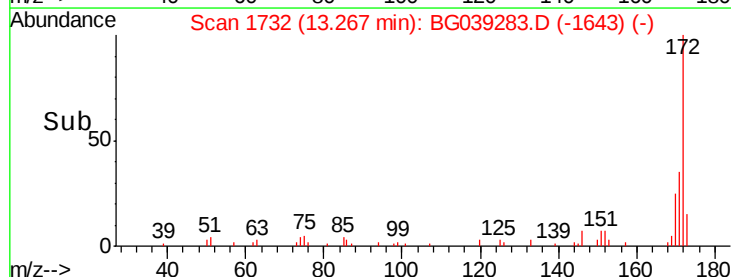
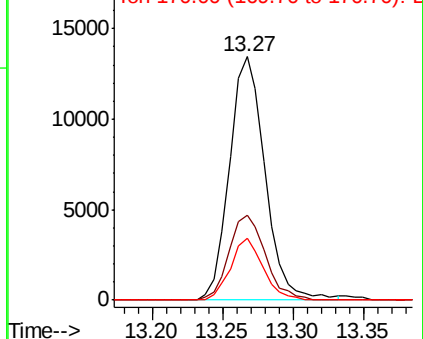
172 100

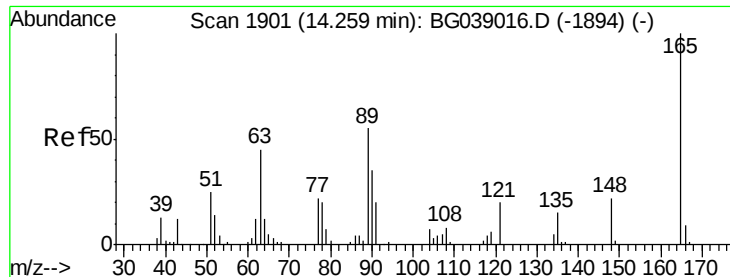
171 34.7 29.4 44.0

170 25.3 20.1 30.1



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

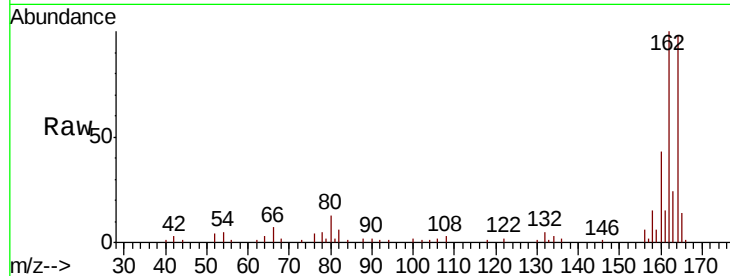




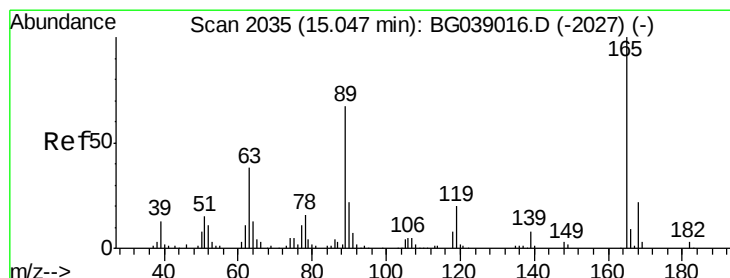
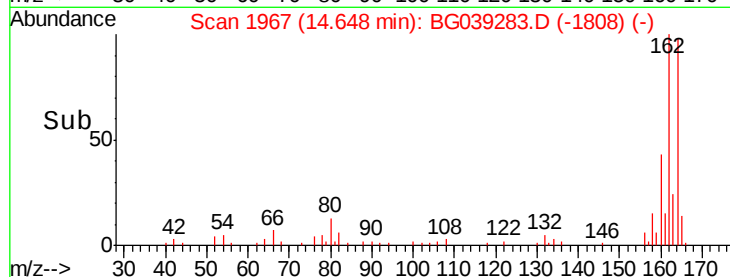
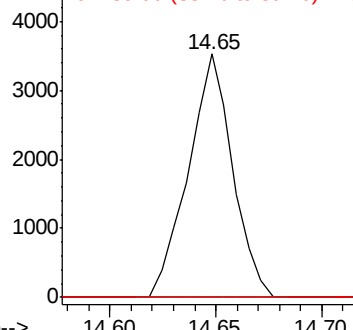
#51
 2,6-Dinitrotoluene
 Concen: 6.671 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039283.D
 Acq: 25 Jan 2019 18:02

Instrument :
 BNA_G
 ClientSampleId :
 MH-6

Tgt Ion:165 Resp: 5113
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#



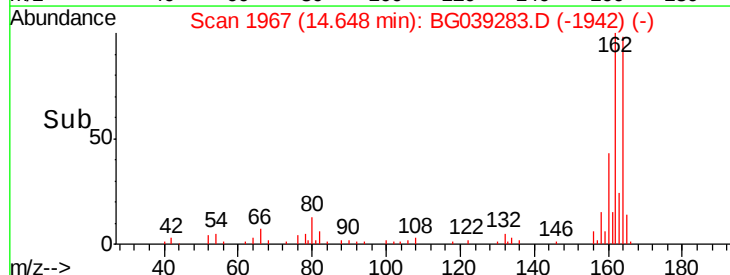
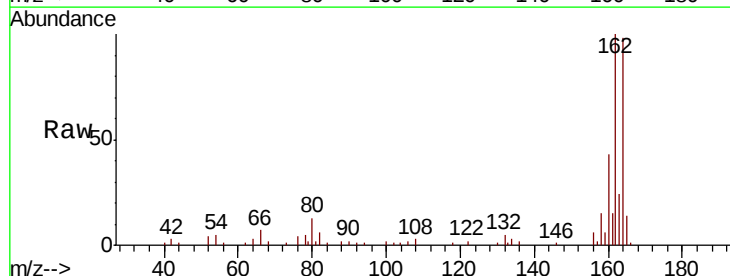
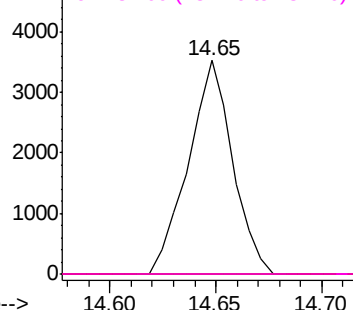
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

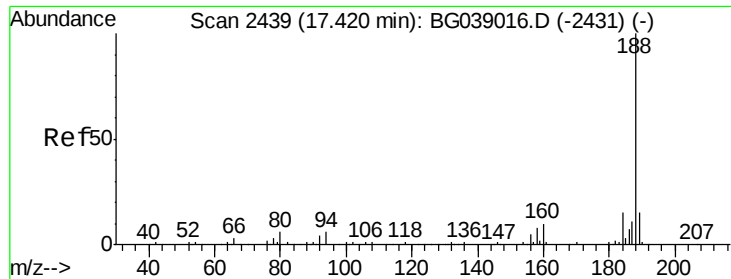


#57
 2,4-Dinitrotoluene
 Concen: 4.650 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.38 min
 Lab File: BG039283.D
 Acq: 25 Jan 2019 18:02

Tgt Ion:165 Resp: 5113
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.2 45.4#
 89 0.0 53.2 79.8#
 182 0.0 2.7 4.1#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

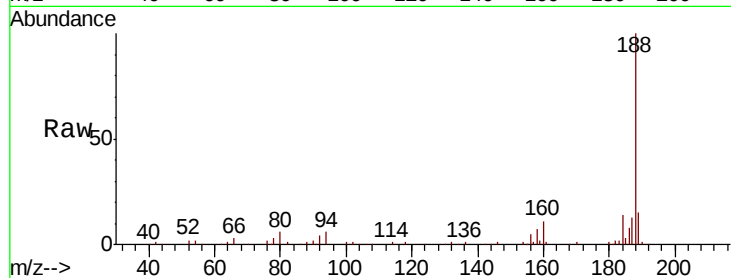




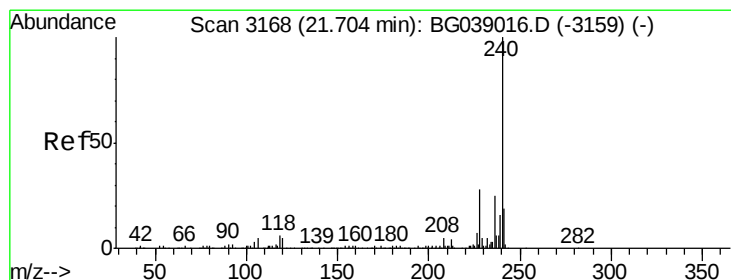
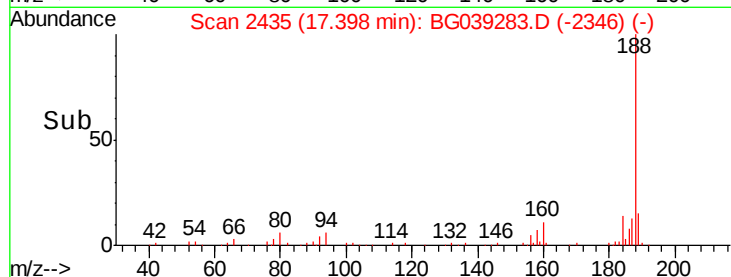
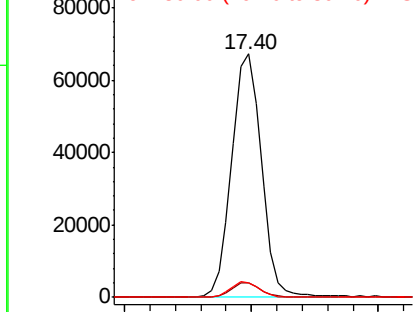
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG039283.D
 Acq: 25 Jan 2019 18:02

Instrument :
 BNA_G
 ClientSampleId :
 MH-6

Tgt Ion:188 Resp: 109453
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.0 7.4
 80 6.0 4.7 7.1

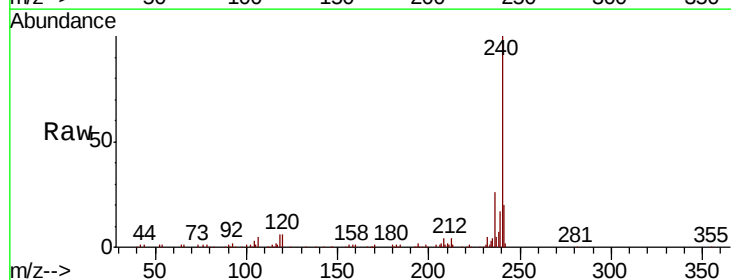


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

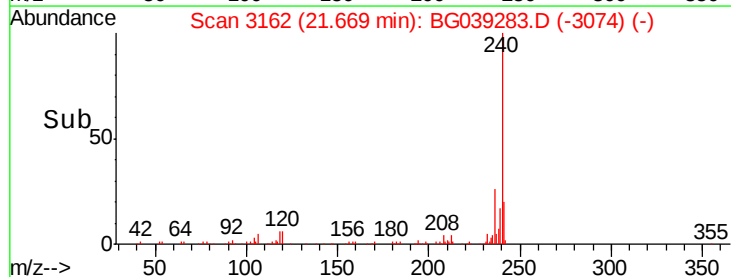
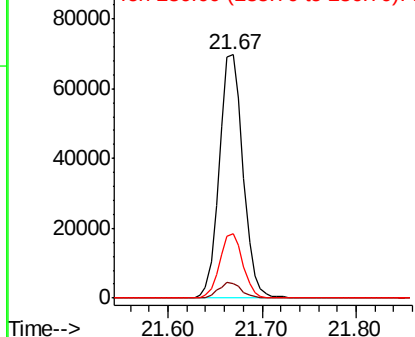


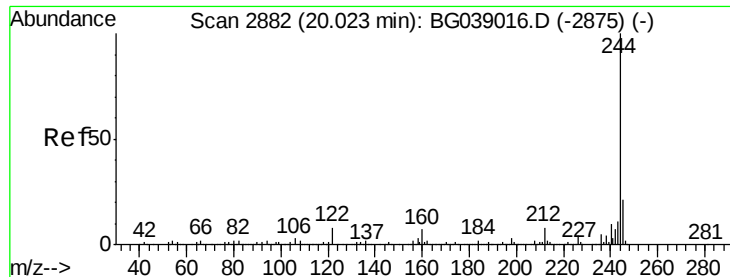
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039283.D
 Acq: 25 Jan 2019 18:02

Tgt Ion:240 Resp: 123383
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.3 6.5
 236 26.3 20.1 30.1



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: 7.141 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG039283.D

Acq: 25 Jan 2019 18:02

Instrument :

BNA_G

ClientSampleId :

MH-6

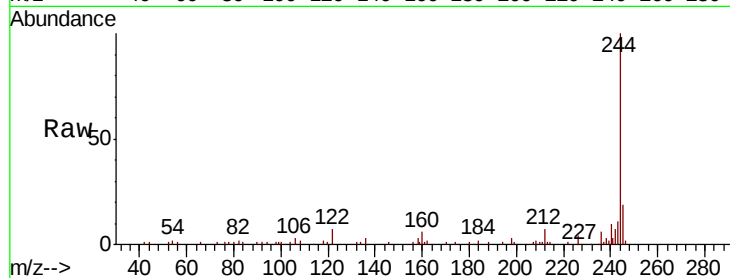
Tgt Ion:244 Resp: 47631

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

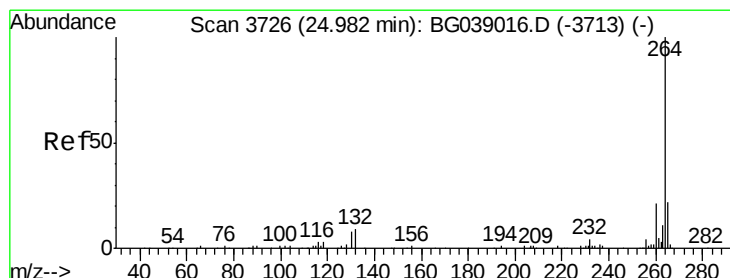
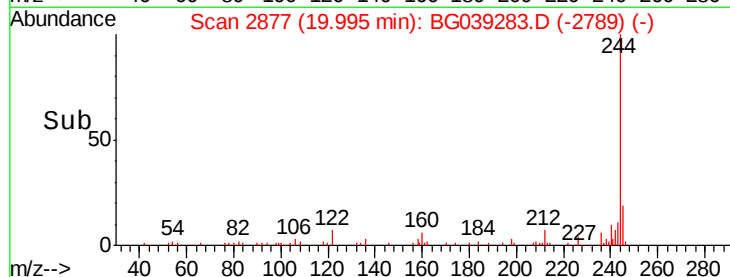
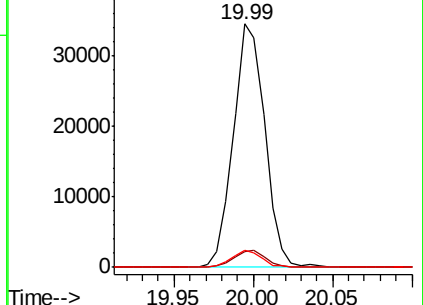
122 7.0 6.1 9.1



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# 3716

Delta R.T. -0.02 min

Lab File: BG039283.D

Acq: 25 Jan 2019 18:02

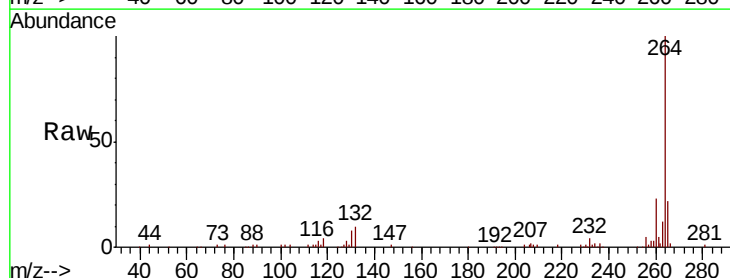
Tgt Ion:264 Resp: 128883

Ion Ratio Lower Upper

264 100

260 22.6 17.0 25.6

265 22.2 17.2 25.8



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

