

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032019.D
 Acq On : 13 Jan 2018 1:40
 Operator : SJ/JU
 Sample : J1106-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-13

Quant Time: Jan 13 05:00:42 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

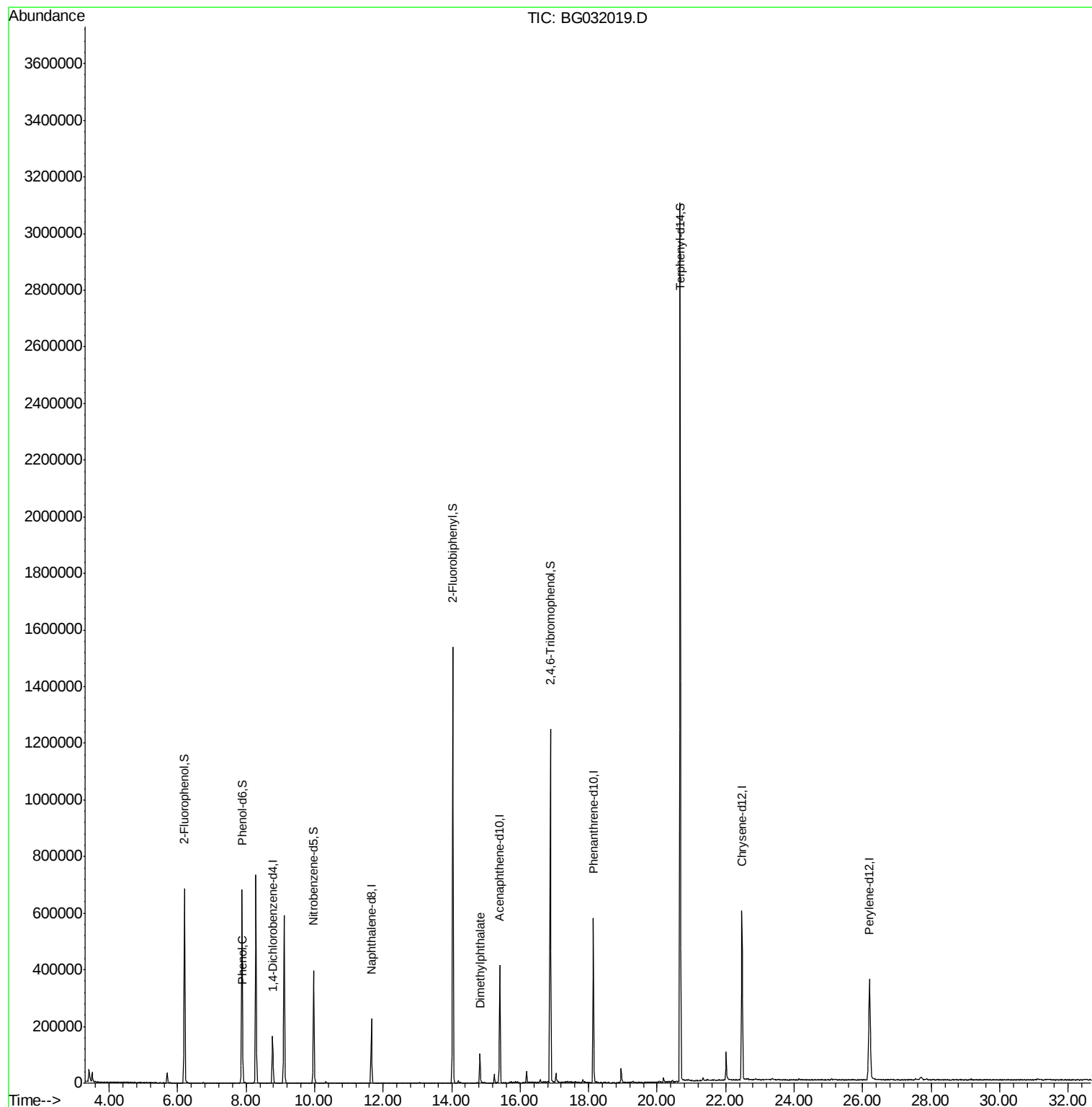
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	57419	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	230053	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	158386	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	405823	20.00	ng	0.00
75) Chrysene-d12	22.47	240	465296	20.00	ng	0.00
86) Perylene-d12	26.20	264	493101	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	378107	120.44	ng	0.00
7) Phenol-d6	7.88	99	468879	118.58	ng	0.00
23) Nitrobenzene-d5	9.97	82	262699	77.25	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	309800	118.20	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	935978	73.27	ng	0.00
78) Terphenyl-d14	20.67	244	1673468	79.41	ng	0.00
Target Compounds						
10) Phenol	7.90	94	14719	3.779	ng	93
49) Dimethylphthalate	14.83	163	81528	5.882	ng	# 94

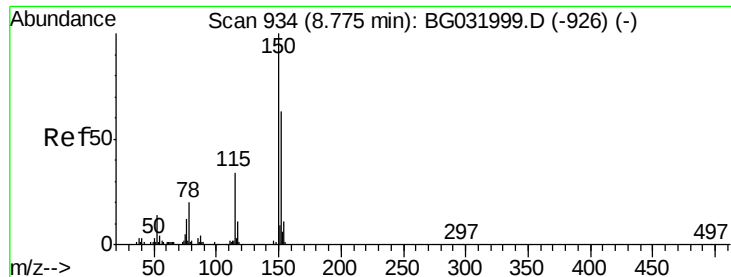
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
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QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-13

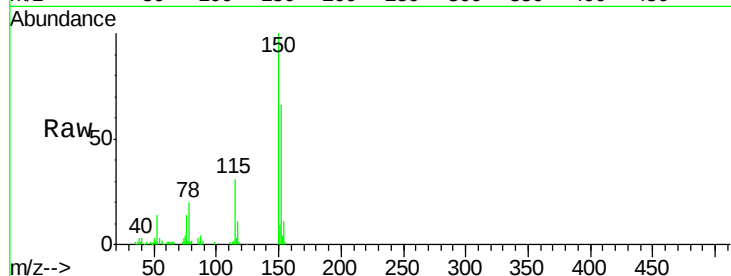
Tgt Ion:152 Resp: 57419

Ion Ratio Lower Upper

152 100

150 152.3 126.6 189.8

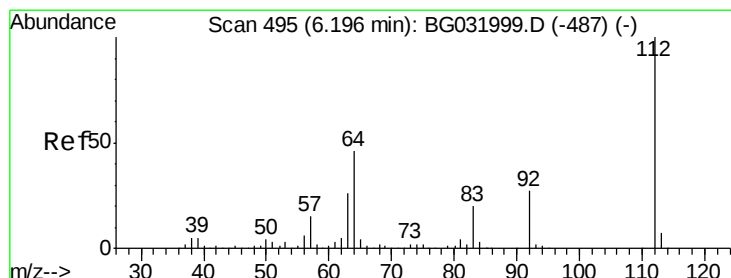
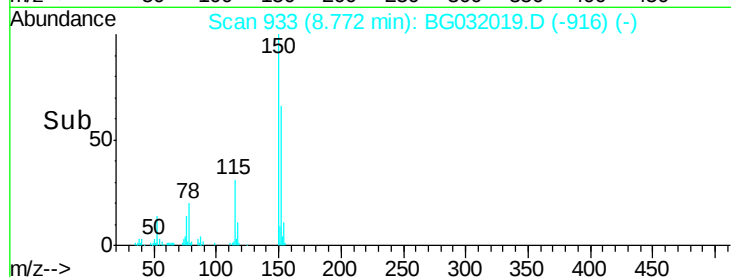
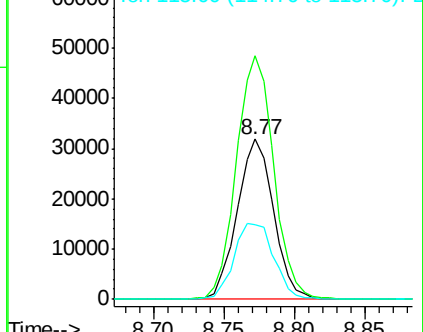
115 46.8 53.0 79.4#



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: 120.436 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

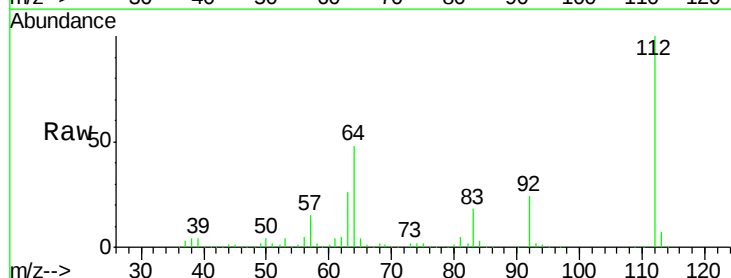
Tgt Ion:112 Resp: 378107

Ion Ratio Lower Upper

112 100

64 48.1 56.3 84.5#

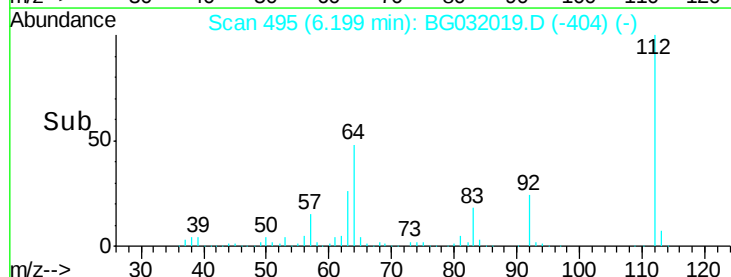
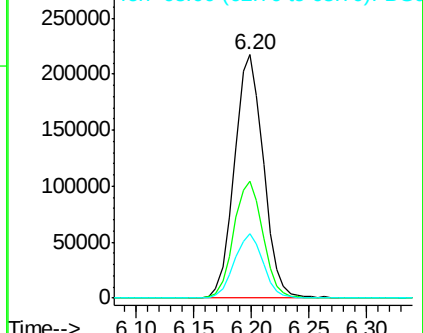
63 26.2 30.1 45.1#

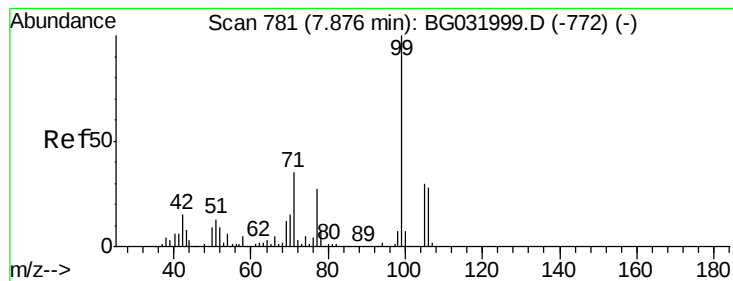


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.584 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-13

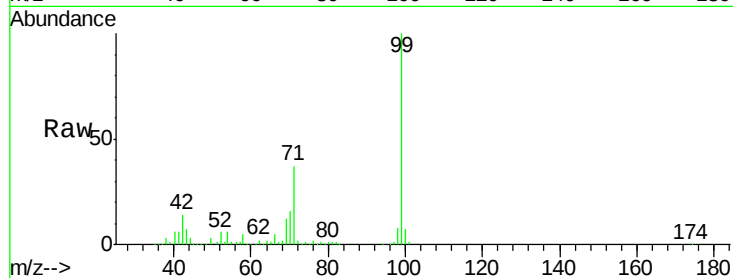
Tgt Ion: 99 Resp: 468879

Ion Ratio Lower Upper

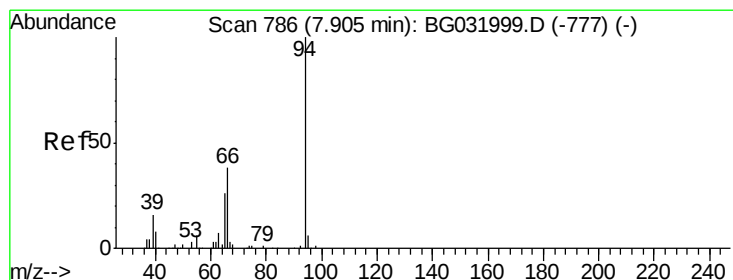
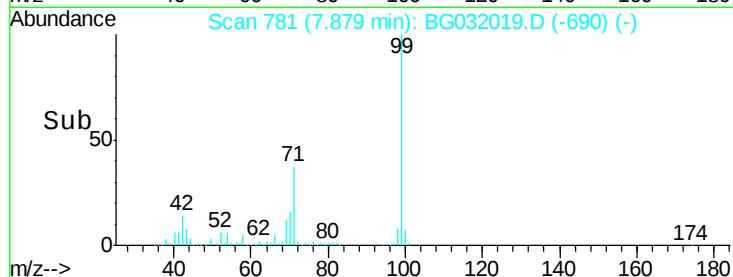
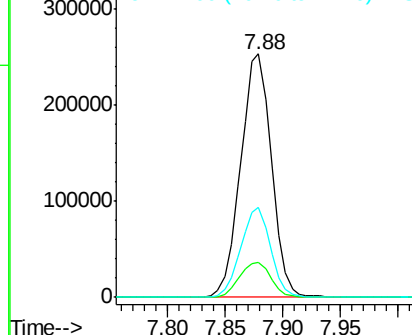
99 100

42 14.2 14.1 21.1

71 36.7 26.1 39.1



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: 3.779 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

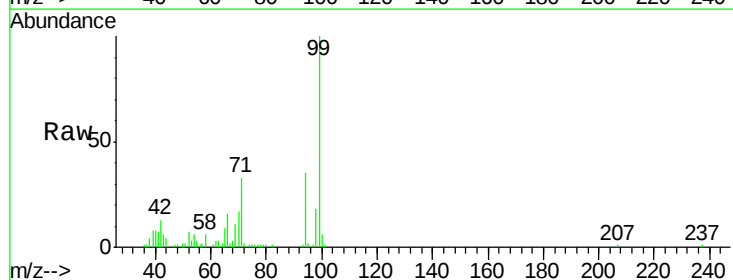
Tgt Ion: 94 Resp: 14719

Ion Ratio Lower Upper

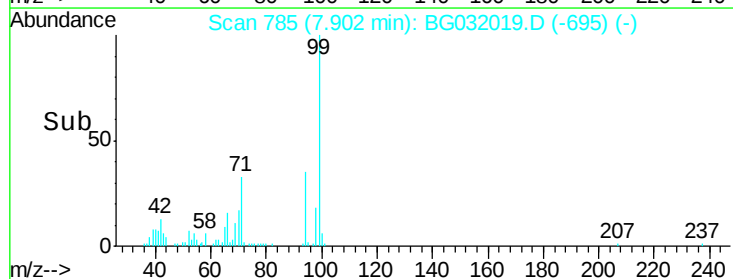
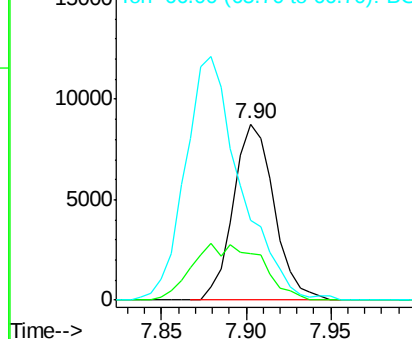
94 100

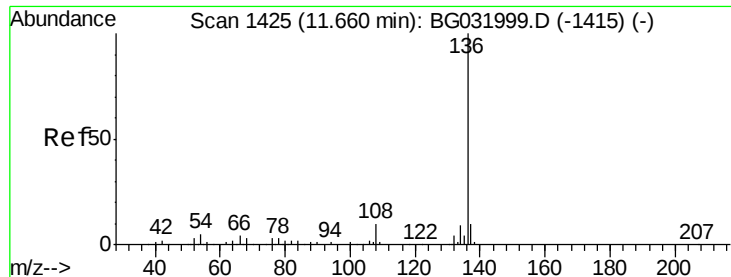
65 26.6 11.9 51.9

66 45.0 22.2 62.2



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

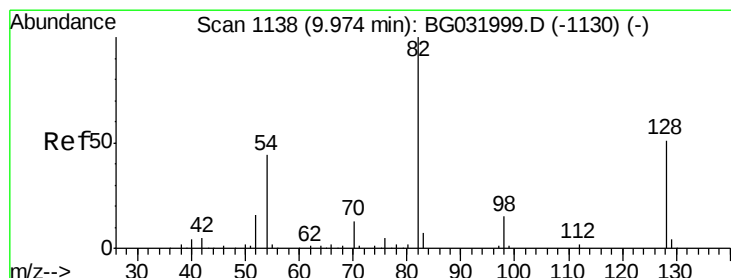
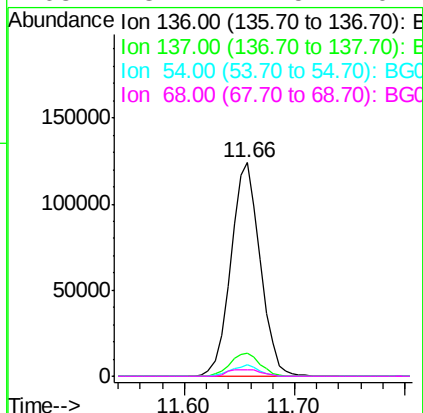
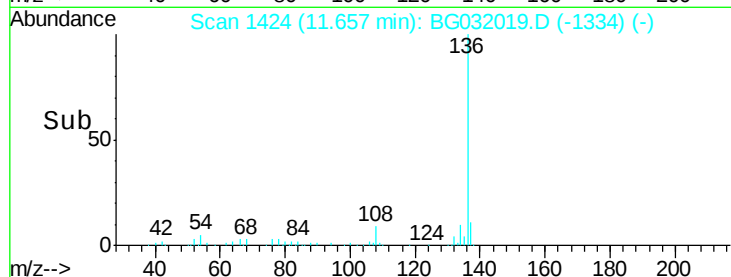
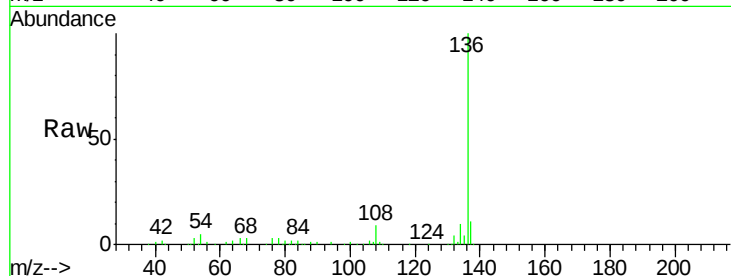




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

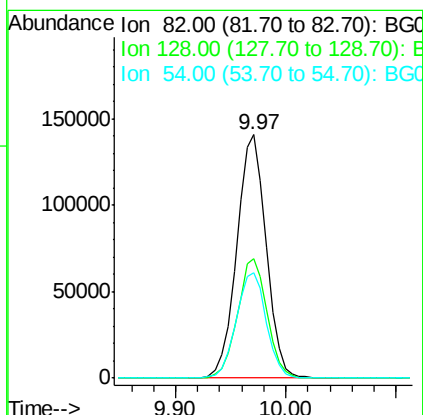
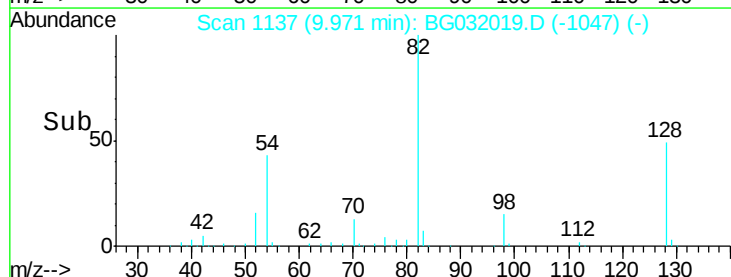
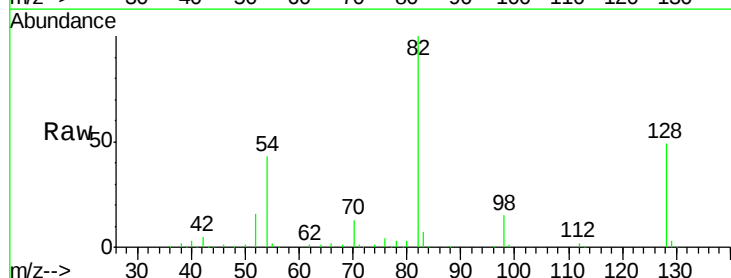
Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13

Tgt Ion:	136	Resp:	230053
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	5.4	10.3	15.5#
68	3.1	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 77.255 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Tgt Ion:	82	Resp:	262699
Ion	Ratio	Lower	Upper
82	100		
128	49.1	29.7	44.5#
54	43.4	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-13

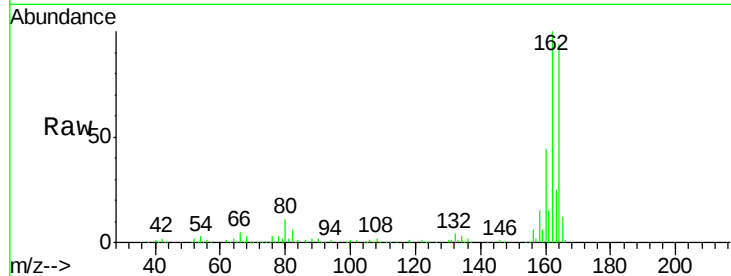
Tgt Ion:164 Resp: 158386

Ion Ratio Lower Upper

164 100

162 106.3 78.8 118.2

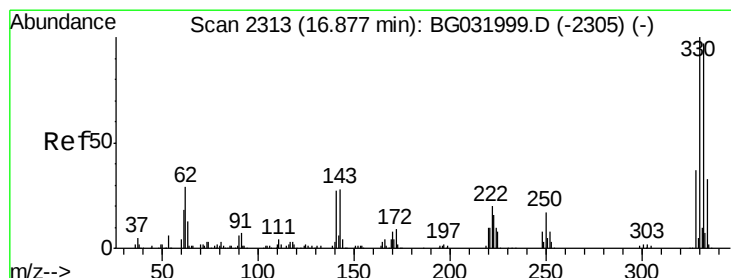
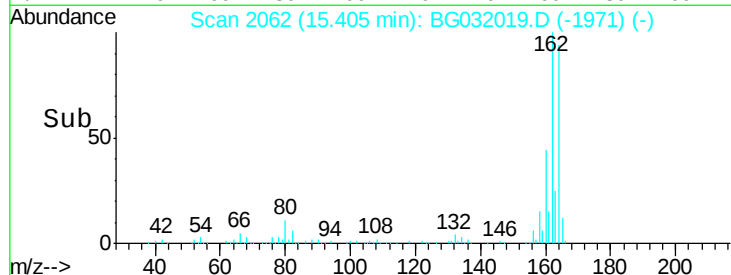
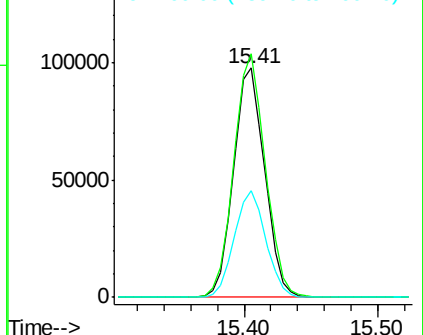
160 46.5 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 118.203 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

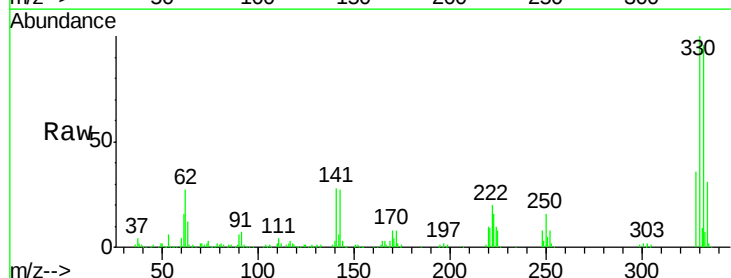
Tgt Ion:330 Resp: 309800

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

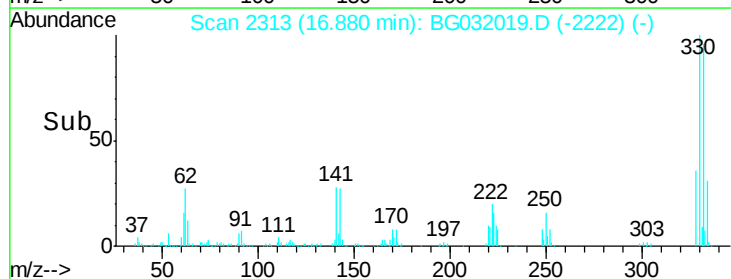
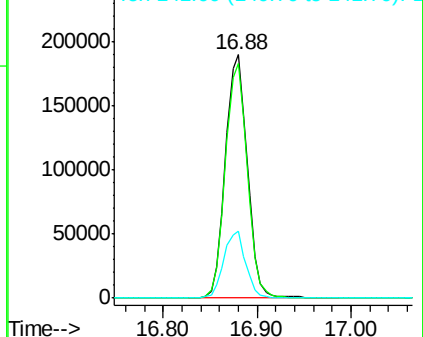
141 27.6 25.2 37.8



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

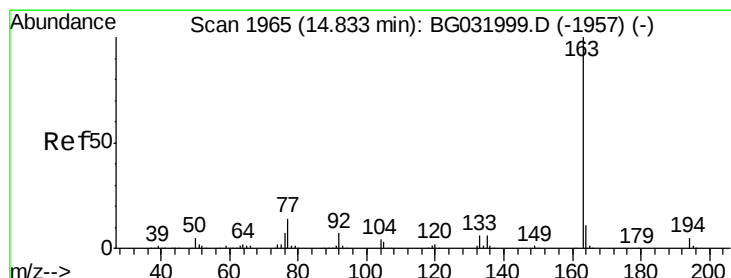
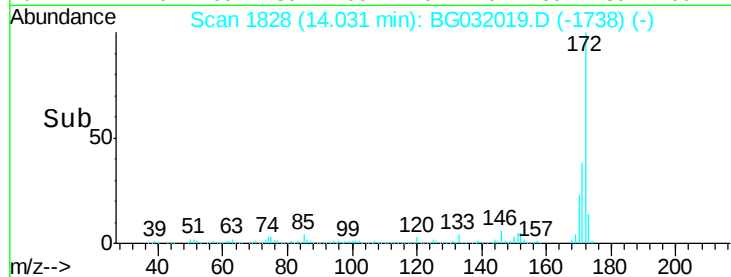
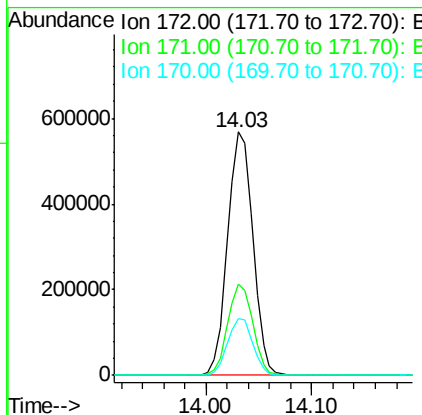
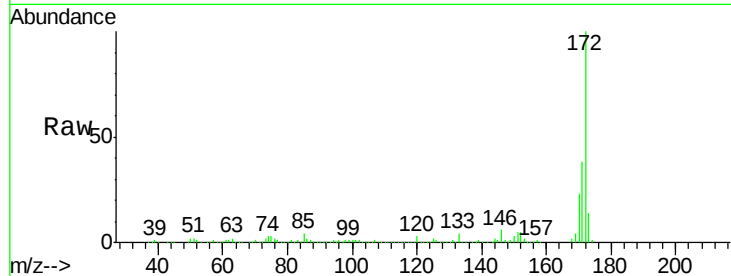




#44
2-Fluorobiphenyl
Concen: 73.275 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

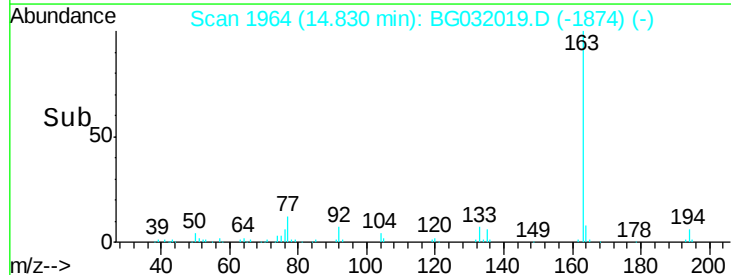
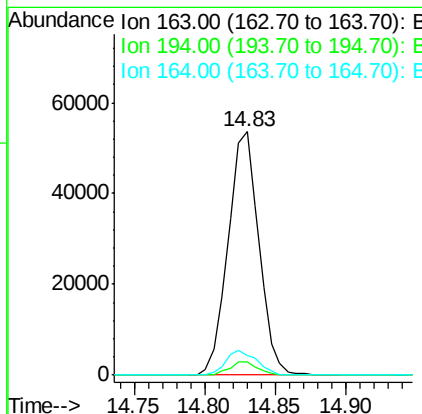
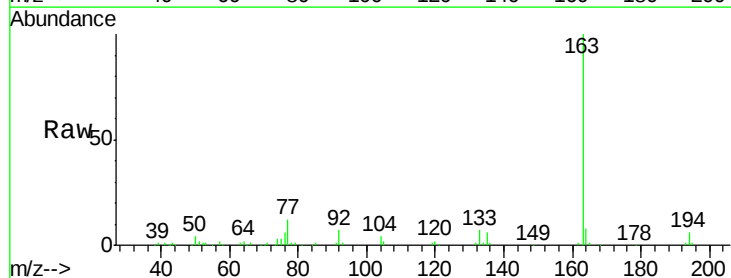
Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13

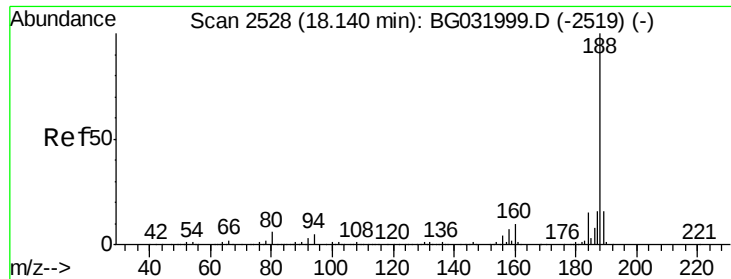
Tgt Ion:172 Resp: 935978
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 23.2 19.5 29.3



#49
Dimethylphthalate
Concen: 5.882 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Tgt Ion:163 Resp: 81528
Ion Ratio Lower Upper
163 100
194 5.5 3.4 5.2#
164 7.8 8.2 12.4#

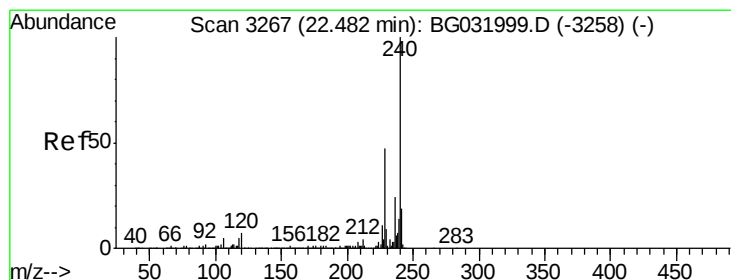
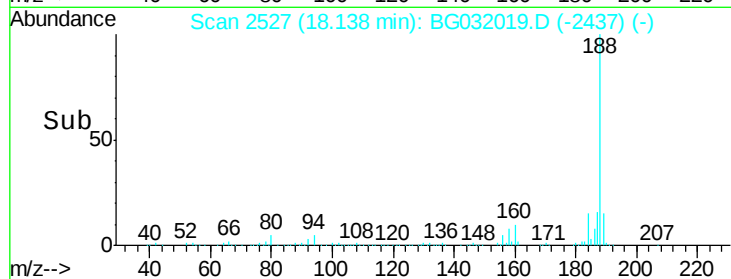
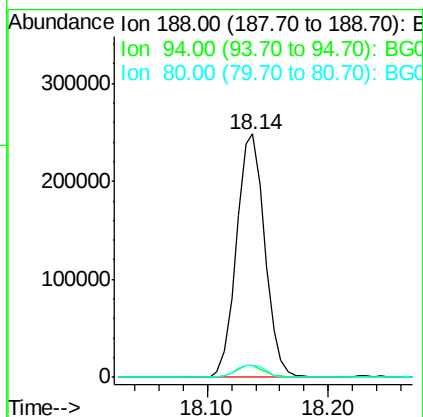
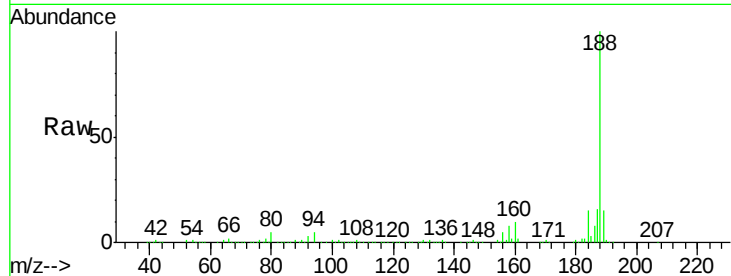




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

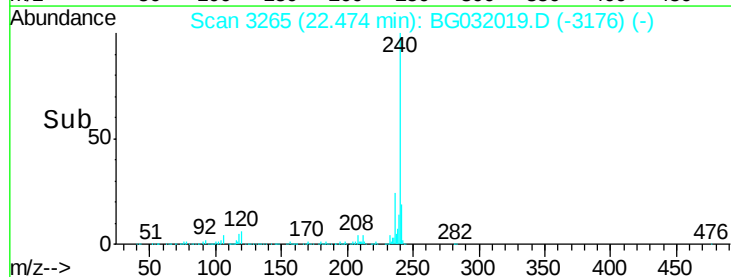
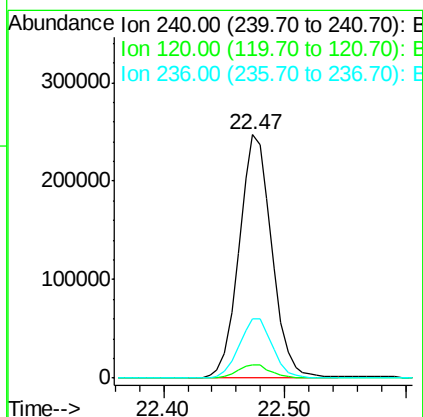
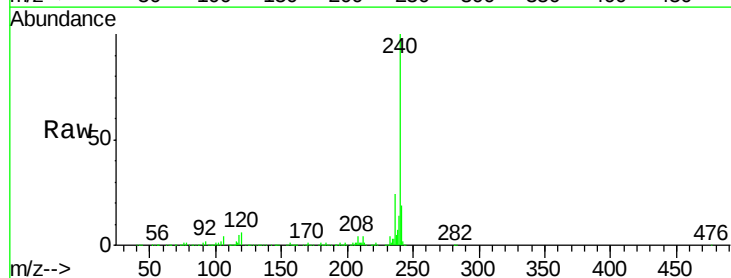
Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13

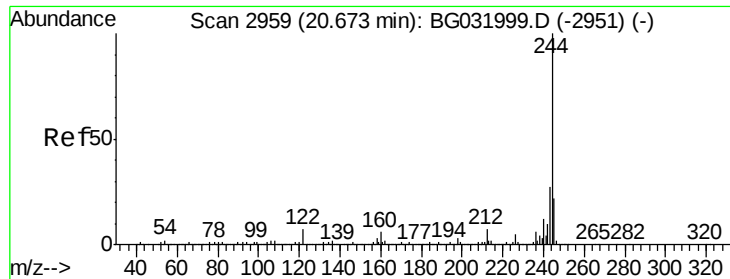
Tgt Ion:188 Resp: 405823
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 5.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032019.D
Acq: 13 Jan 2018 1:40

Tgt Ion:240 Resp: 465296
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 24.2 20.9 31.3





#78

Terphenyl-d14

Concen: 79.414 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-13

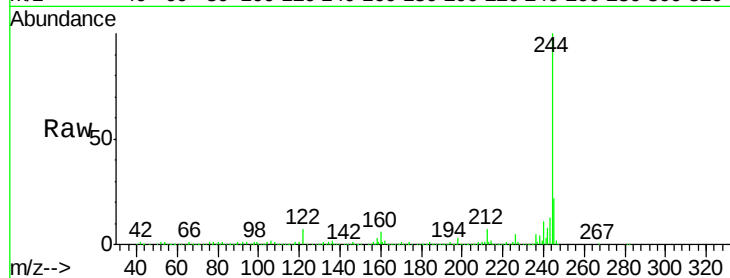
Tgt Ion:244 Resp: 1673468

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

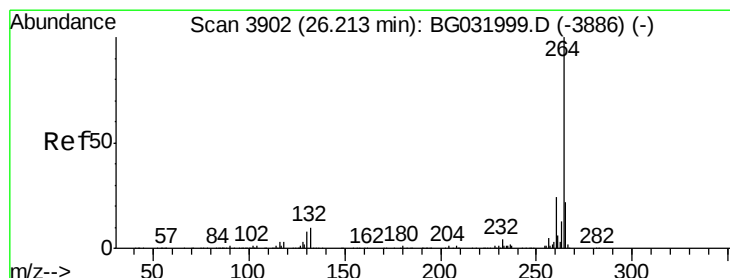
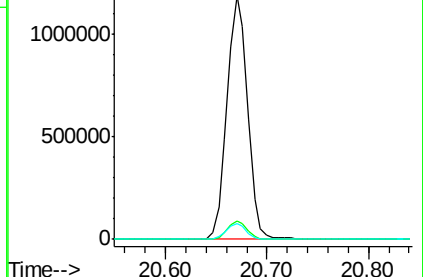
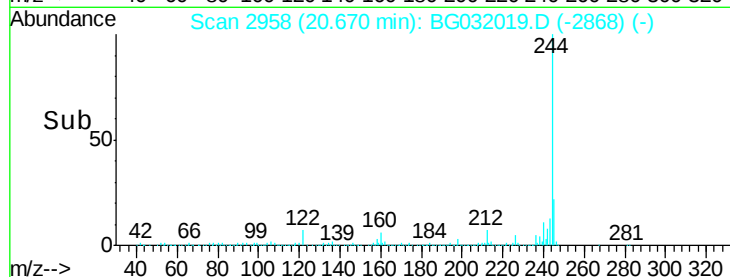
122 6.6 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.20 min Scan# 3899

Delta R.T. -0.01 min

Lab File: BG032019.D

Acq: 13 Jan 2018 1:40

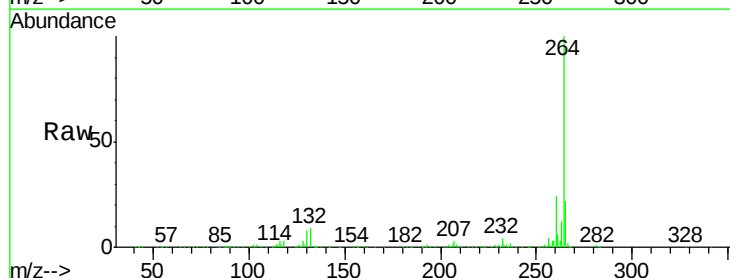
Tgt Ion:264 Resp: 493101

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.0 17.7 26.5



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

