

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055938.D
 Acq On : 8 Dec 2022 22:11
 Operator : CG/JU
 Sample : N5926-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PFG-CONCRETE-1207

Quant Time: Dec 09 08:13:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

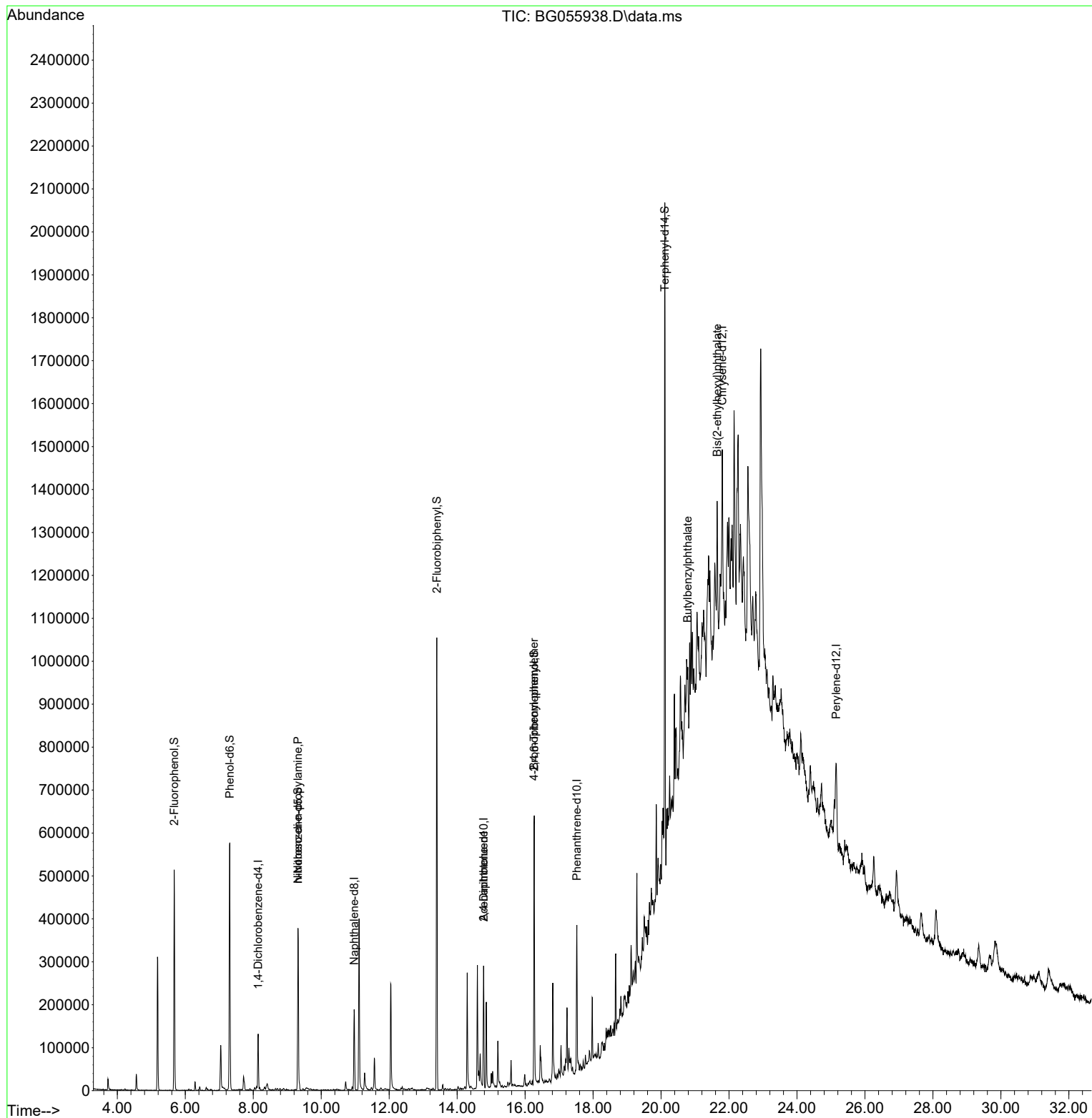
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.142	152	36893	20.000	ng	0.00
21) Naphthalene-d8	10.968	136	157533	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	99389	20.000	ng	0.00
64) Phenanthrene-d10	17.519	188	210098	20.000	ng	0.00
76) Chrysene-d12	21.802	240	170487	20.000	ng	# 0.00
86) Perylene-d12	25.151	264	203549	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	216755	106.196	ng	0.00
7) Phenol-d6	7.307	99	320010	117.780	ng	0.00
23) Nitrobenzene-d5	9.317	82	215606	72.339	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	134319	95.975	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	544312	82.046	ng	0.00
79) Terphenyl-d14	20.110	244	756377	88.737	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.317	70	30354	14.540	ng	# 76
57) 2,4-Dinitrotoluene	14.775	165	12795	5.602	ng	# 26
67) 4-Bromophenyl-phenylether	16.262	248	8632	3.606	ng	# 1
80) Butylbenzylphthalate	20.786	149	22548	4.991	ng	93
84) Bis(2-ethylhexyl)phtha...	21.649	149	87809	13.525	ng	97

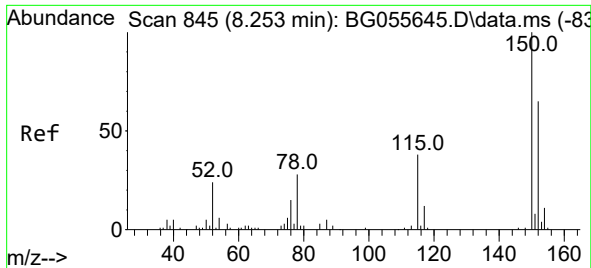
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

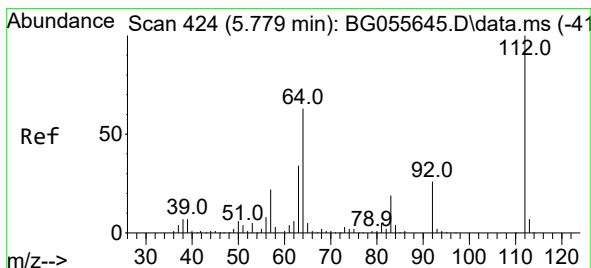
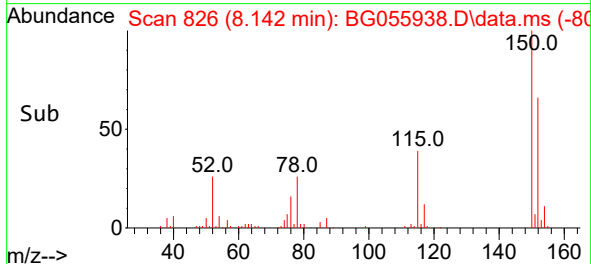
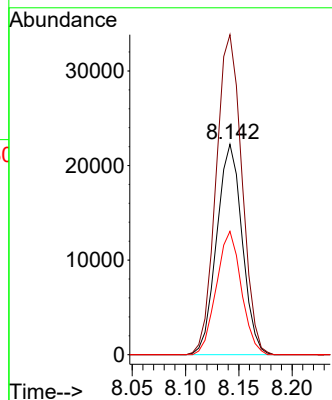
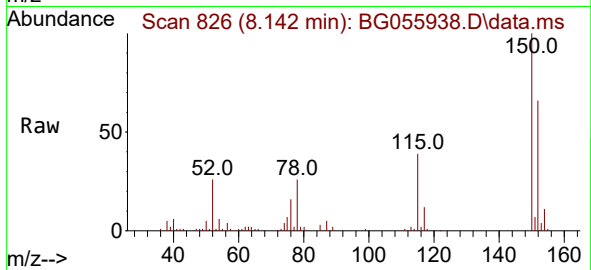




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.142 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

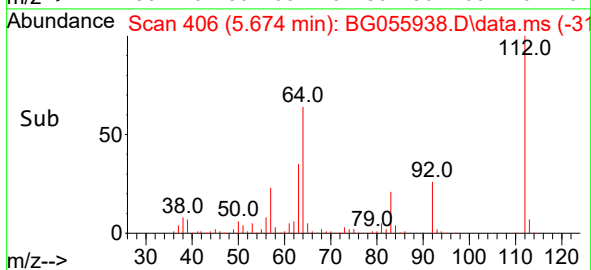
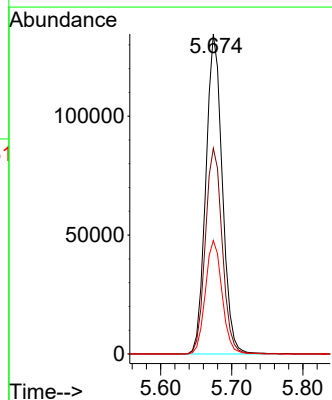
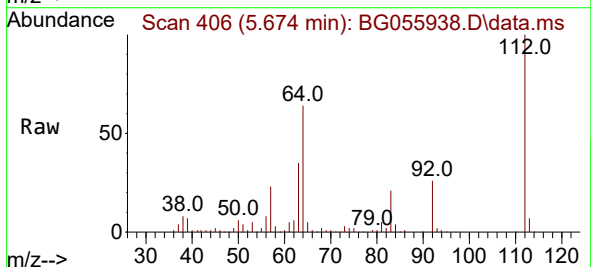
Instrument :
BNA_G
ClientSampleId :
PFG-CONCRETE-1207

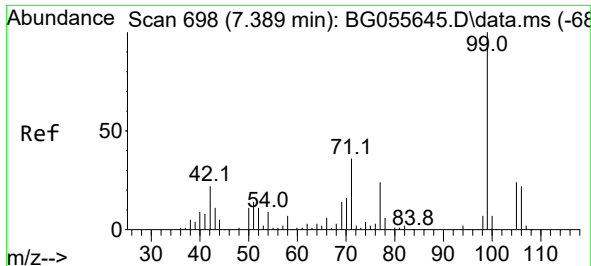
Tgt Ion:152 Resp: 36893
Ion Ratio Lower Upper
152 100
150 152.1 123.0 184.6
115 58.6 47.0 70.4



#5
2-Fluorophenol
Concen: 106.196 ng
RT: 5.674 min Scan# 406
Delta R.T. 0.001 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

Tgt Ion:112 Resp: 216755
Ion Ratio Lower Upper
112 100
64 64.3 50.6 76.0
63 35.4 27.5 41.3

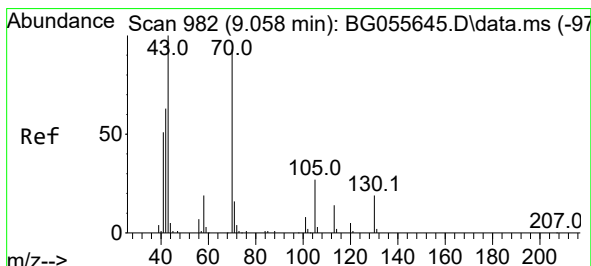
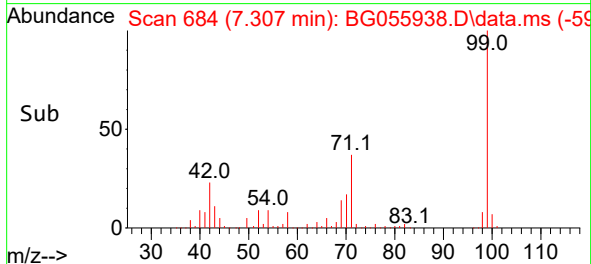
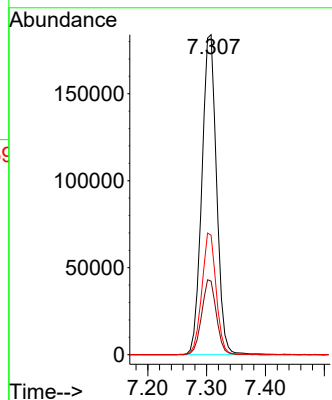
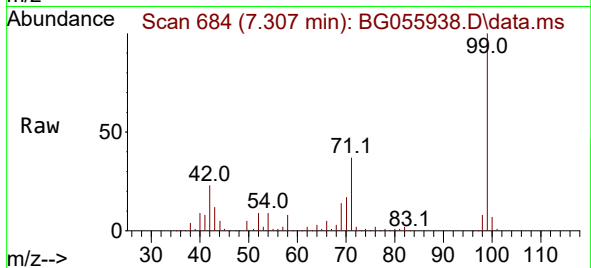




#7
Phenol-d6
Concen: 117.780 ng
RT: 7.307 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

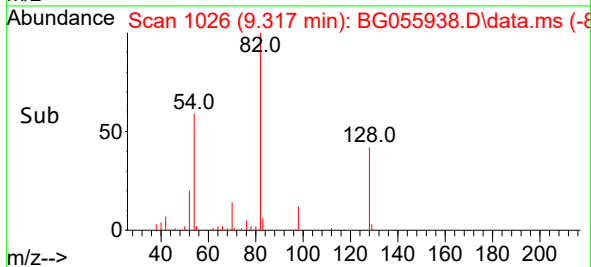
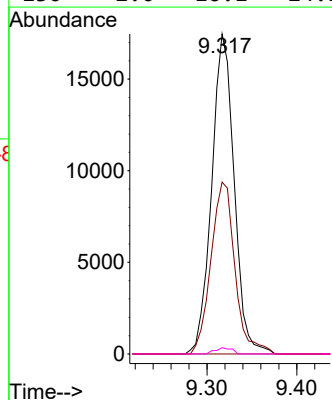
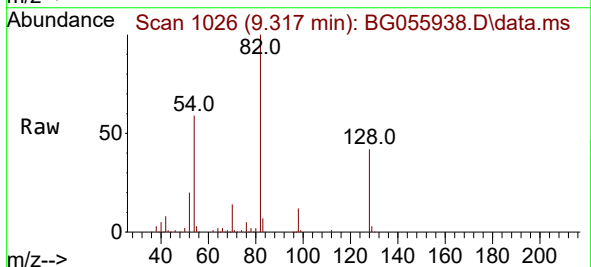
Instrument :
BNA_G
ClientSampleId :
PFG-CONCRETE-1207

Tgt Ion: 99 Resp: 320010
Ion Ratio Lower Upper
99 100
42 23.0 18.0 27.0
71 37.4 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.540 ng
RT: 9.317 min Scan# 1026
Delta R.T. 0.366 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

Tgt Ion: 70 Resp: 30354
Ion Ratio Lower Upper
70 100
42 53.7 55.2 82.8#
101 0.0 7.1 10.7#
130 2.0 16.1 24.1#

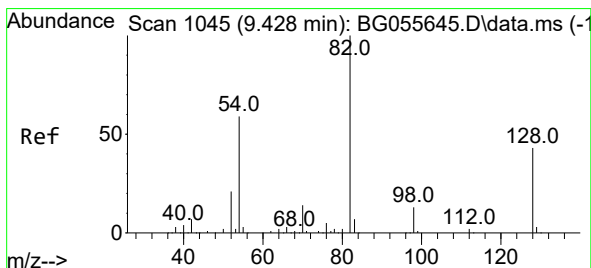
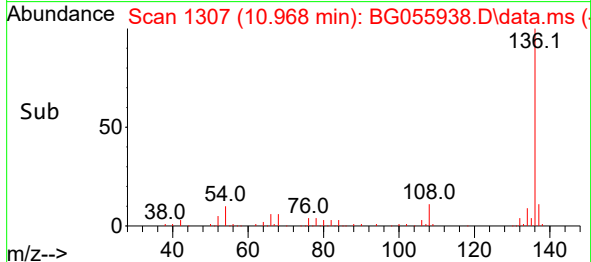
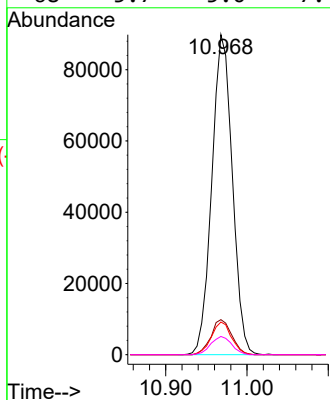
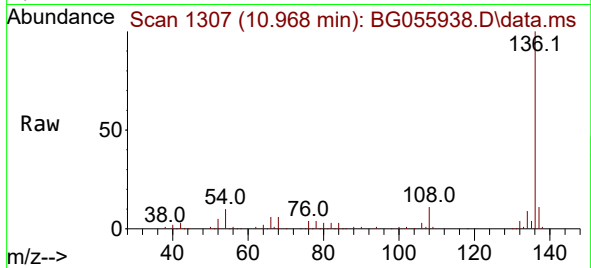




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

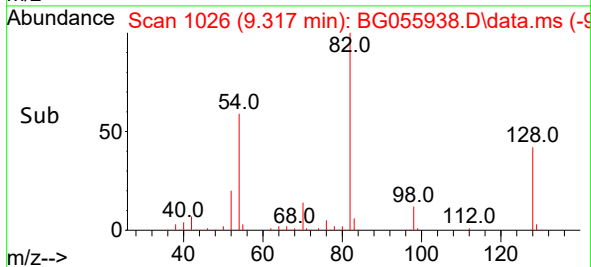
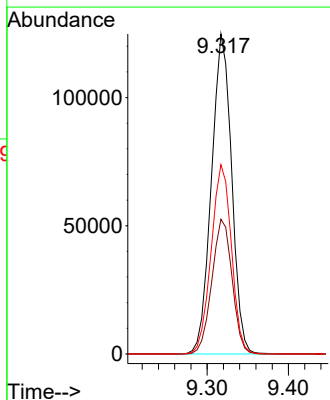
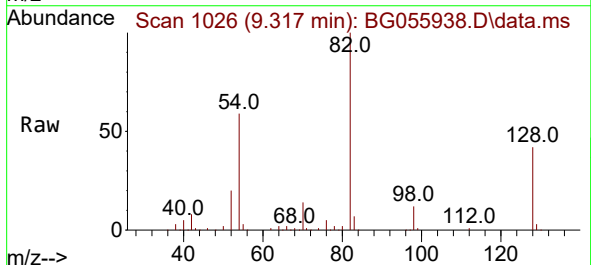
Instrument :
BNA_G
ClientSampleId :
PFG-CONCRETE-1207

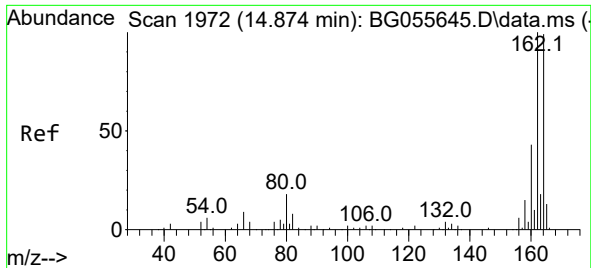
Tgt Ion:	136	Resp:	157533
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.2	7.8	11.6
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 72.339 ng
RT: 9.317 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

Tgt Ion:	82	Resp:	215606
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.1	51.1
54	59.2	47.3	70.9

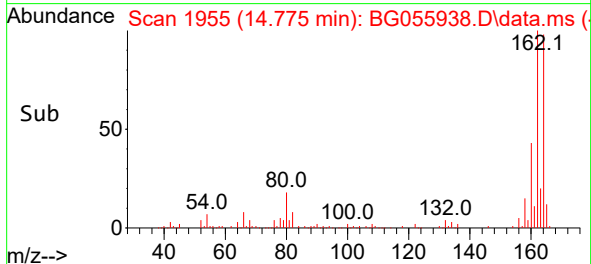
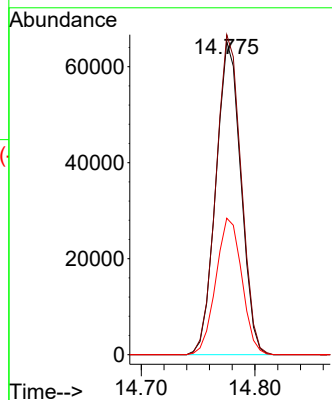
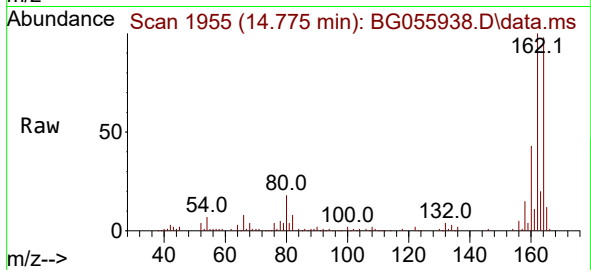




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

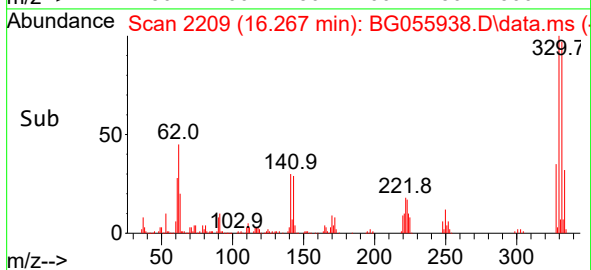
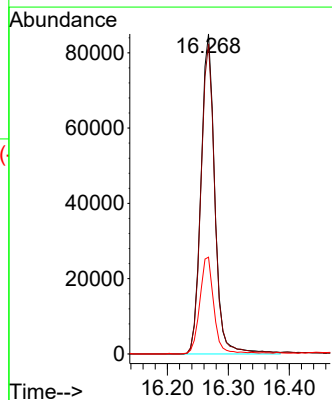
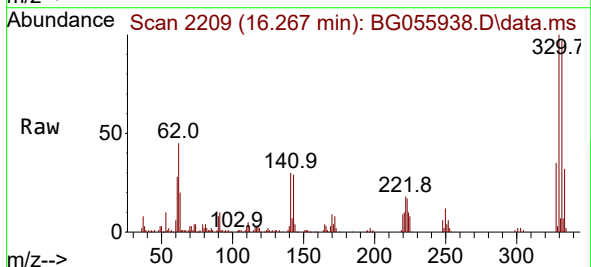
Instrument :
BNA_G
ClientSampleId :
PFG-CONCRETE-1207

Tgt Ion:164 Resp: 99389
Ion Ratio Lower Upper
164 100
162 102.2 81.1 121.7
160 43.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 95.975 ng
RT: 16.267 min Scan# 2209
Delta R.T. 0.001 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

Tgt Ion:330 Resp: 134319
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 31.3 23.9 35.9

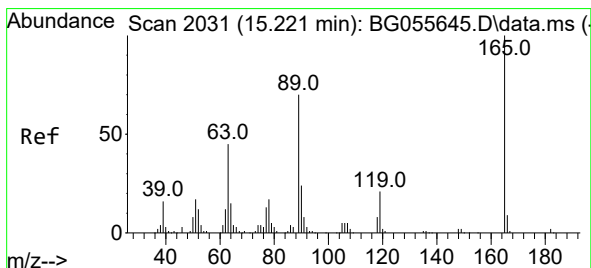
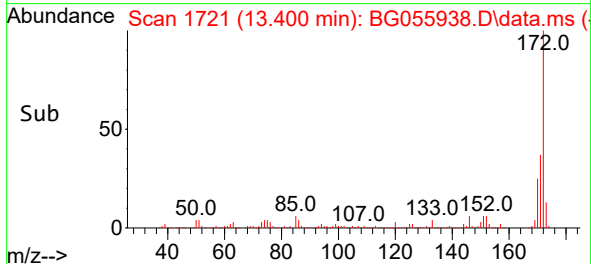
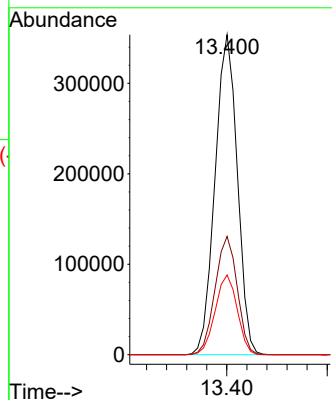
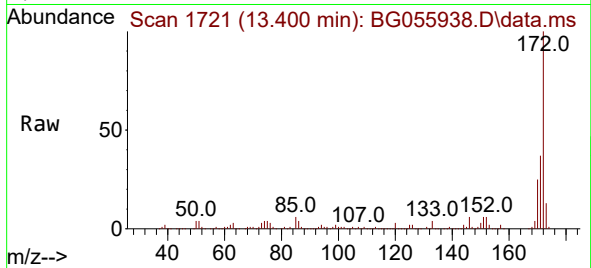




#45
2-Fluorobiphenyl
Concen: 82.046 ng
RT: 13.400 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

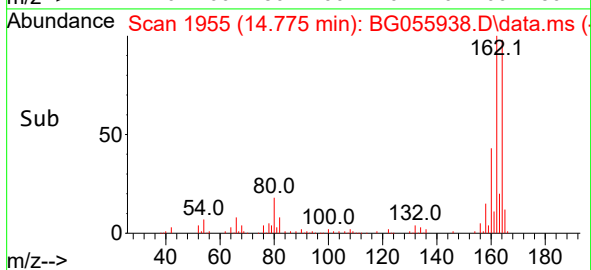
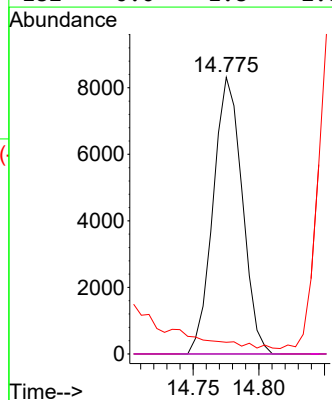
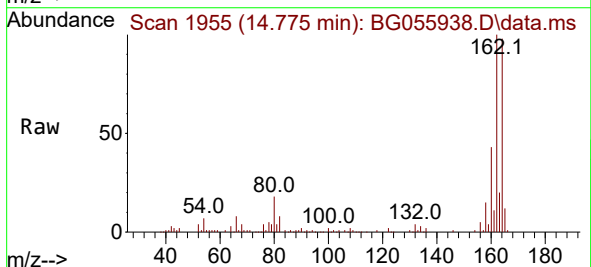
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ClientSampleId :
PFG-CONCRETE-1207

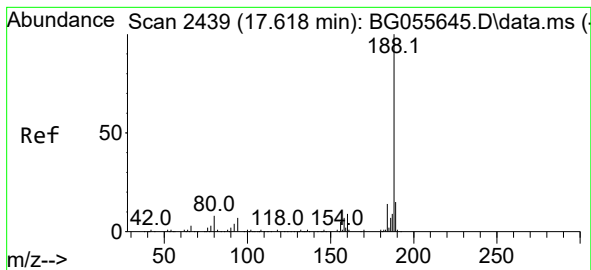
Tgt Ion:172 Resp: 544312
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.9 20.2 30.4



#57
2,4-Dinitrotoluene
Concen: 5.602 ng
RT: 14.775 min Scan# 1955
Delta R.T. -0.369 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

Tgt Ion:165 Resp: 12795
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 4.2 56.2 84.4#
182 0.0 1.8 2.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.519 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG055938.D

Acq: 8 Dec 2022 22:11

Instrument :

BNA_G

ClientSampleId :

PFG-CONCRETE-1207

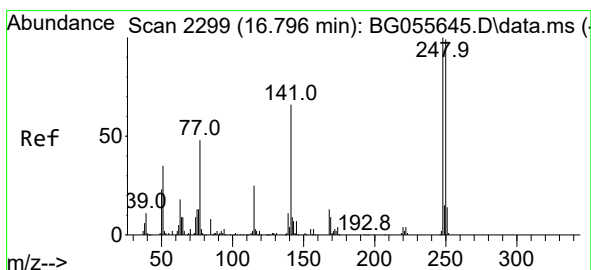
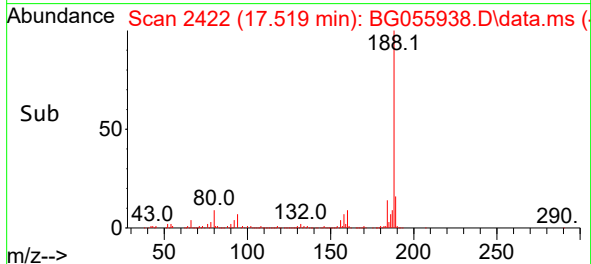
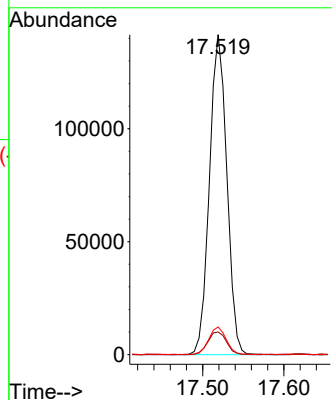
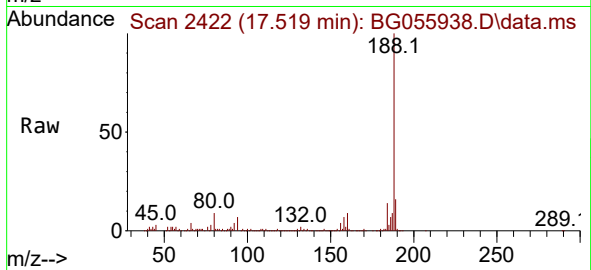
Tgt Ion:188 Resp: 210098

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.7 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 3.606 ng

RT: 16.262 min Scan# 2208

Delta R.T. -0.439 min

Lab File: BG055938.D

Acq: 8 Dec 2022 22:11

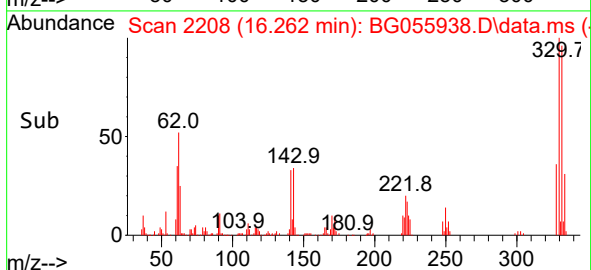
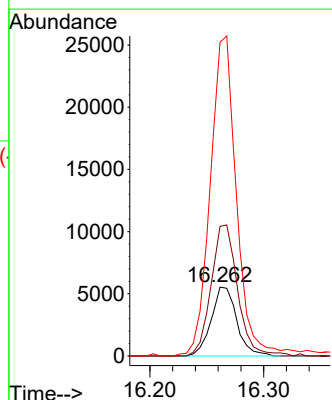
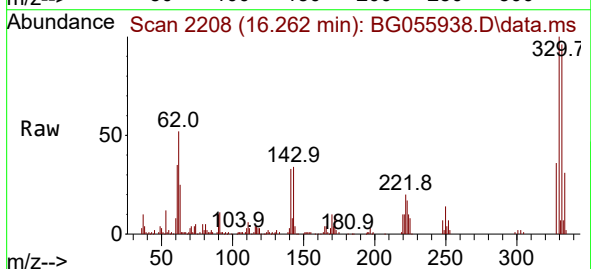
Tgt Ion:248 Resp: 8632

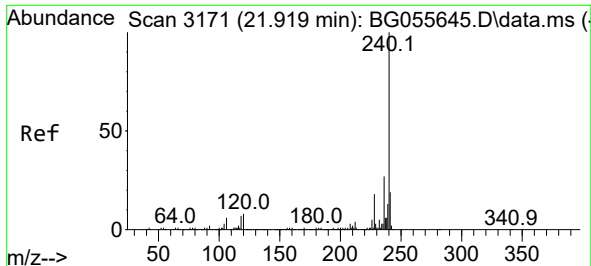
Ion Ratio Lower Upper

248 100

250 247.3 79.0 118.4#

141 456.0 52.9 79.3#

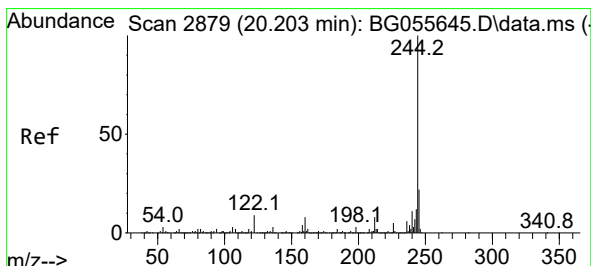
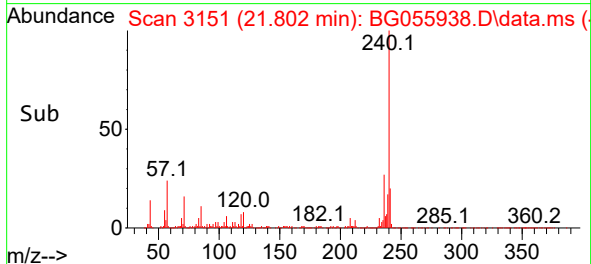
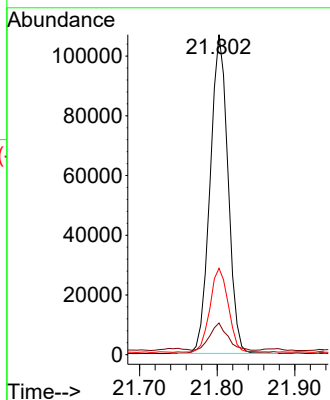
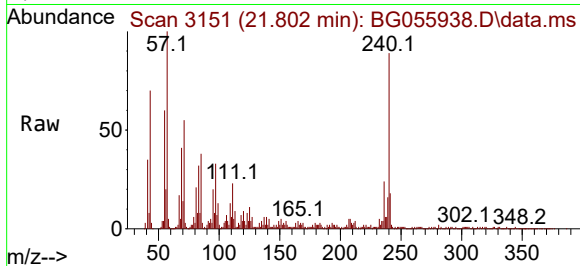




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.802 min Scan# 3171
Delta R.T. 0.001 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

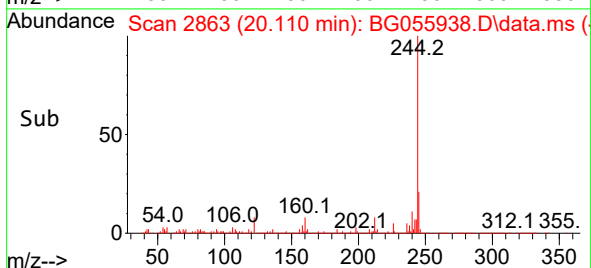
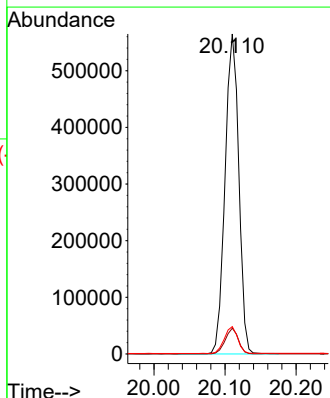
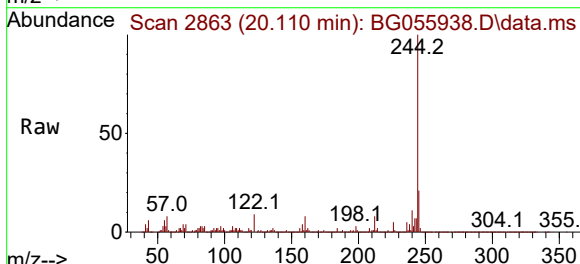
Instrument :
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PFG-CONCRETE-1207

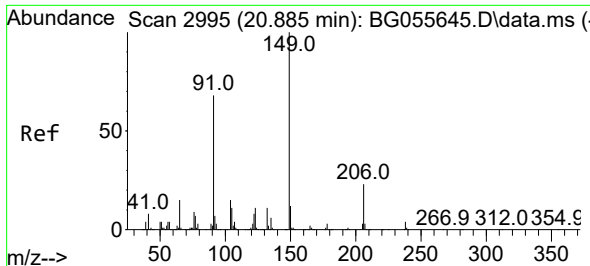
Tgt Ion:240 Resp: 170487
Ion Ratio Lower Upper
240 100
120 9.9 6.3 9.5#
236 27.0 21.9 32.9



#79
Terphenyl-d14
Concen: 88.737 ng
RT: 20.110 min Scan# 2863
Delta R.T. 0.001 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

Tgt Ion:244 Resp: 756377
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.6 6.9 10.3

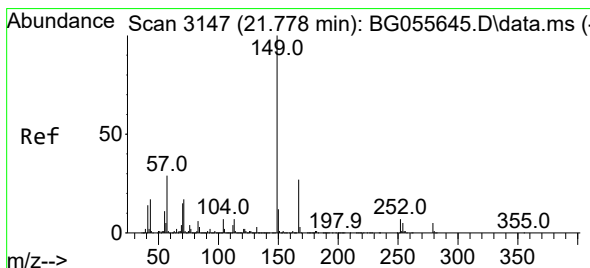
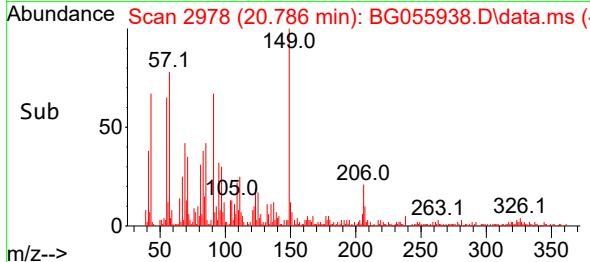
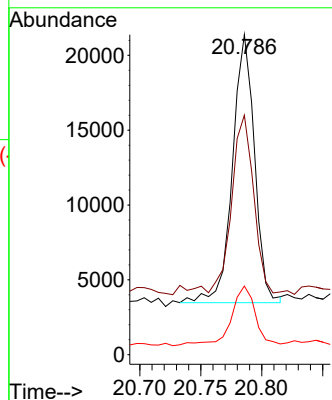
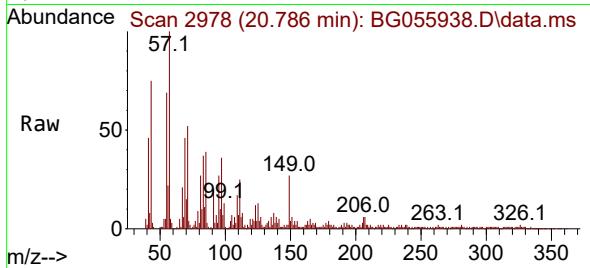




#80
 Butylbenzylphthalate
 Concen: 4.991 ng
 RT: 20.786 min Scan# 2995
 Delta R.T. 0.001 min
 Lab File: BG055938.D
 Acq: 8 Dec 2022 22:11

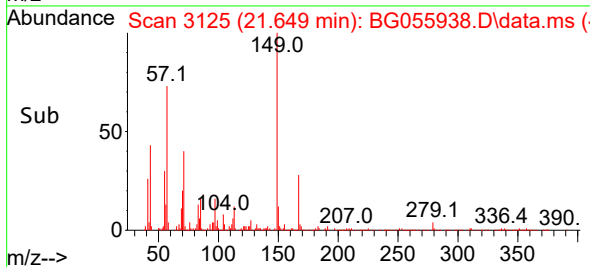
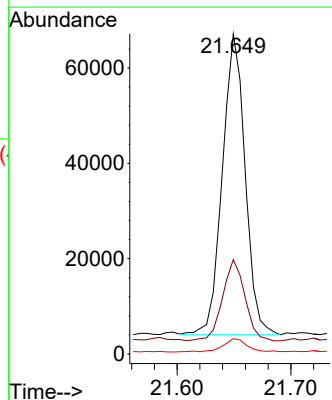
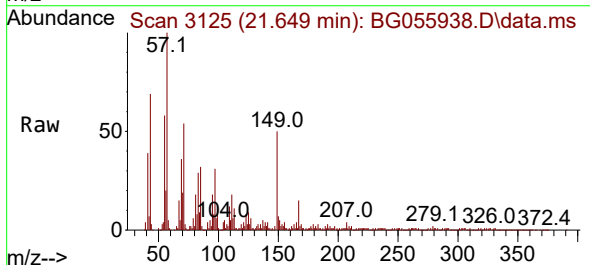
Instrument :
 BNA_G
 ClientSampleId :
 PFG-CONCRETE-1207

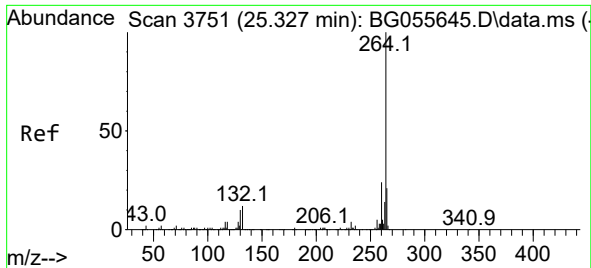
Tgt Ion:149 Resp: 22548
 Ion Ratio Lower Upper
 149 100
 91 74.9 54.6 81.8
 206 21.5 18.3 27.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 13.525 ng
 RT: 21.649 min Scan# 3125
 Delta R.T. 0.001 min
 Lab File: BG055938.D
 Acq: 8 Dec 2022 22:11

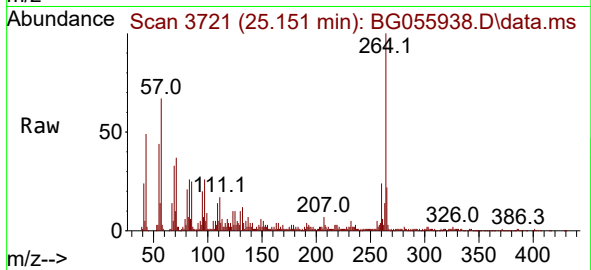
Tgt Ion:149 Resp: 87809
 Ion Ratio Lower Upper
 149 100
 167 29.5 22.0 33.0
 279 4.8 3.7 5.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.151 min Scan# 31
Delta R.T. 0.019 min
Lab File: BG055938.D
Acq: 8 Dec 2022 22:11

Instrument :
BNA_G
ClientSampleId :
PFG-CONCRETE-1207



Tgt Ion:264 Resp: 203549

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.0	17.1	25.7

