

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044790.D
 Acq On : 14 Mar 2020 8:48
 Operator : CG/JU
 Sample : L1826-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39

Quant Time: Mar 16 02:27:28 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

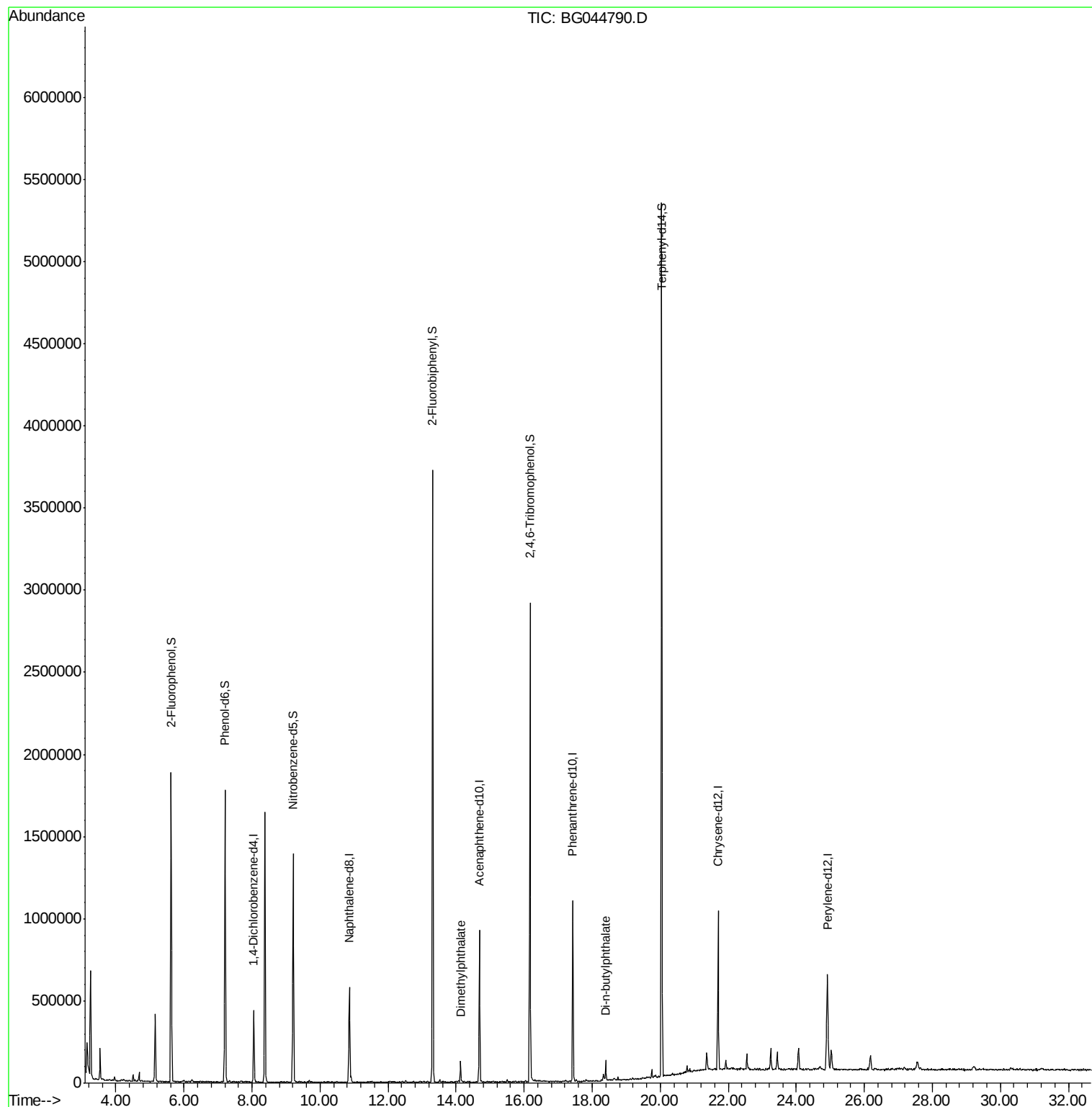
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	120969	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	493344	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	332517	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	689986	20.00	ng	0.00
76) Chrysene-d12	21.69	240	569456	20.00	ng	-0.02
87) Perylene-d12	24.91	264	633452	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	824824	106.14	ng	0.00
7) Phenol-d6	7.21	99	1076616	95.36	ng	0.00
23) Nitrobenzene-d5	9.21	82	902404	80.27	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	541021	124.26	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1848685	79.62	ng	0.00
79) Terphenyl-d14	20.04	244	2408248	79.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	84652	3.196	ng	# 99
74) Di-n-butylphthalate	18.40	149	87518	2.061	ng	# 94

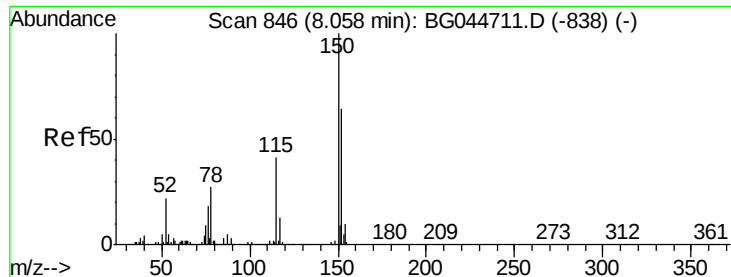
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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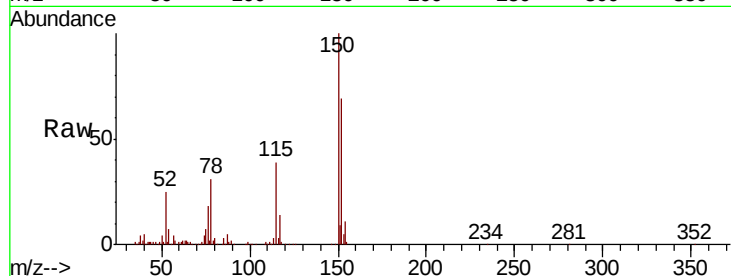


#1

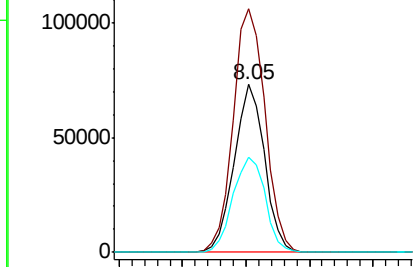
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

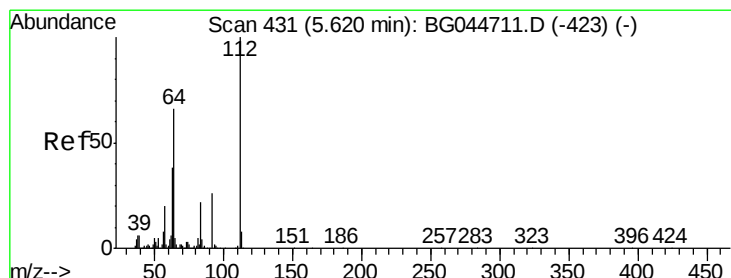
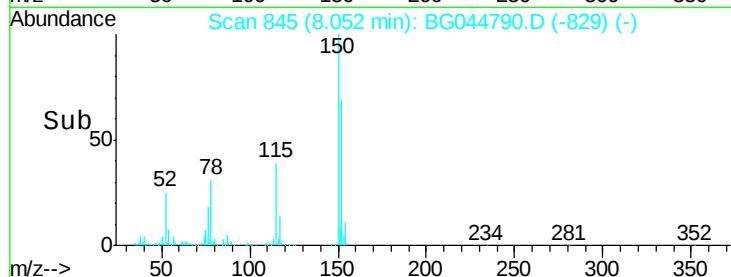
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.0	125.3	187.9
115	56.5	51.7	77.5



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



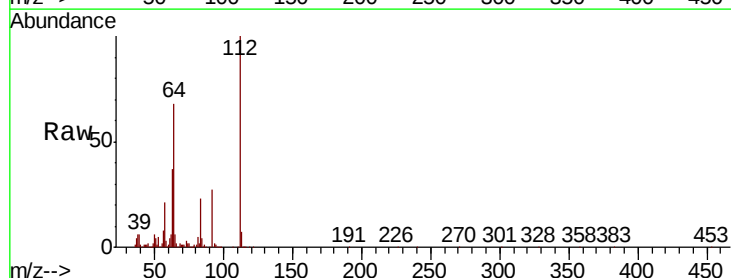
Time--> 7.95 8.00 8.05 8.10 8.15



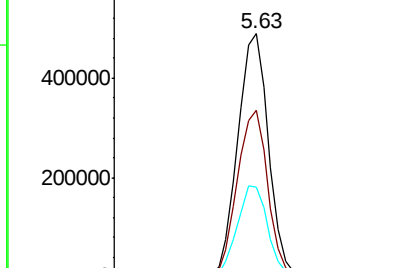
#5

2-Fluorophenol
Concen: 106.143 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

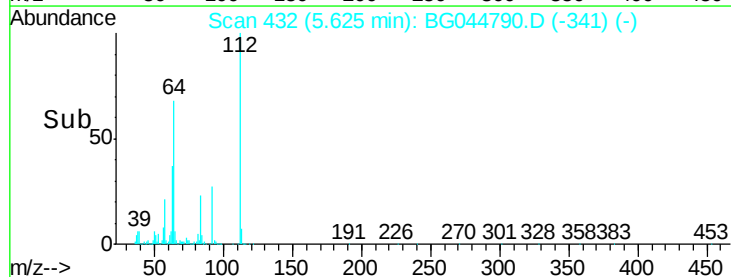
Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	52.6	78.8
63	37.2	30.2	45.4

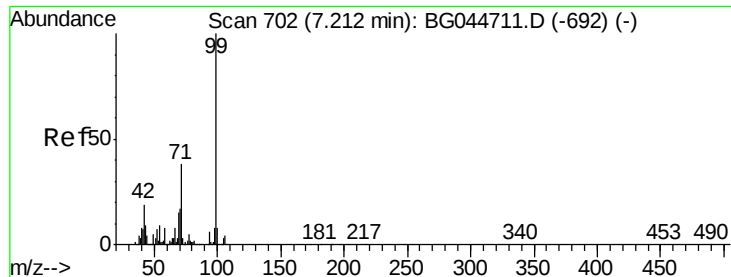


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG



Time--> 5.55 5.60 5.65 5.70





#7

Phenol-d6

Concen: 95.355 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044790.D

Acq: 14 Mar 2020 8:48

Instrument :

BNA_G

ClientSampleId :

MC5B39

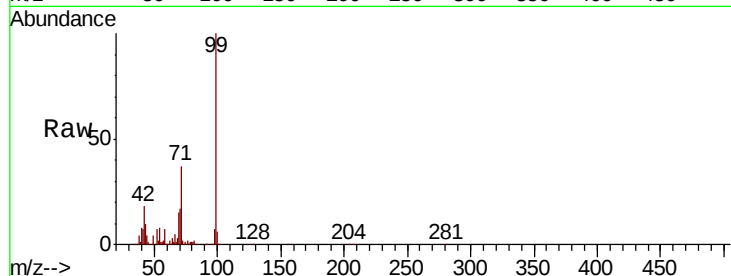
Tot Ion: 99 Resp: 1076616

Ion Ratio Lower Upper

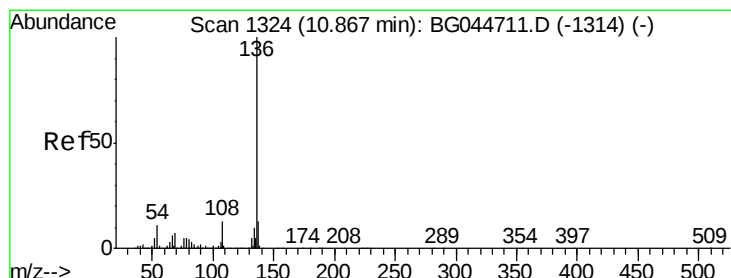
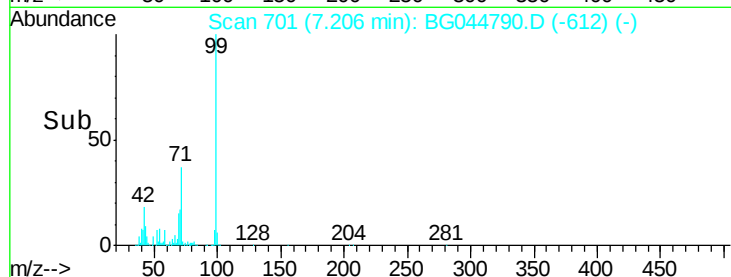
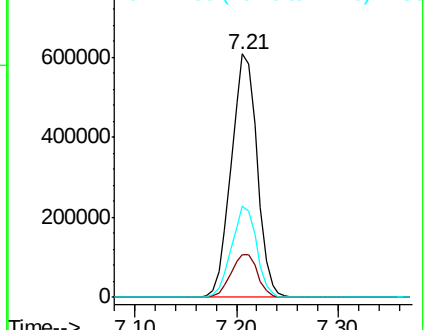
99 100

42 17.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG044790.D

Acq: 14 Mar 2020 8:48

Tgt Ion: 136 Resp: 493344

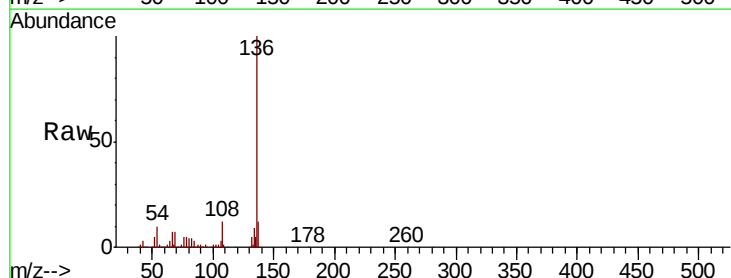
Ion Ratio Lower Upper

136 100

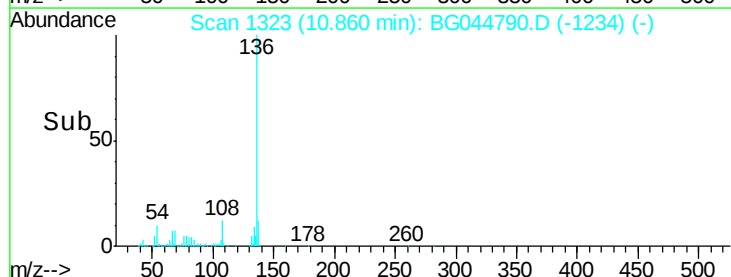
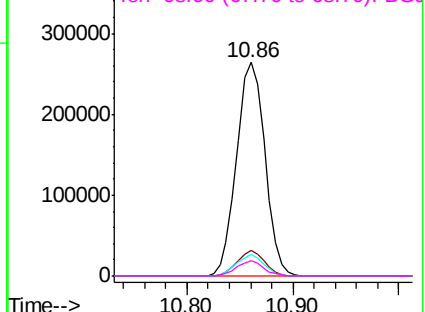
137 12.1 10.7 16.1

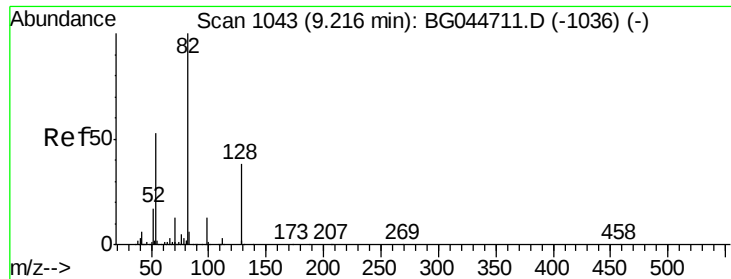
54 10.1 9.0 13.4

68 7.4 5.9 8.9



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

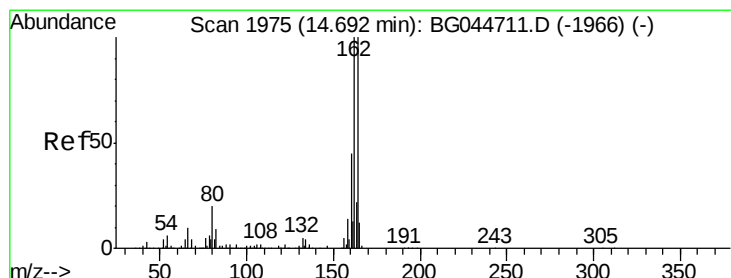
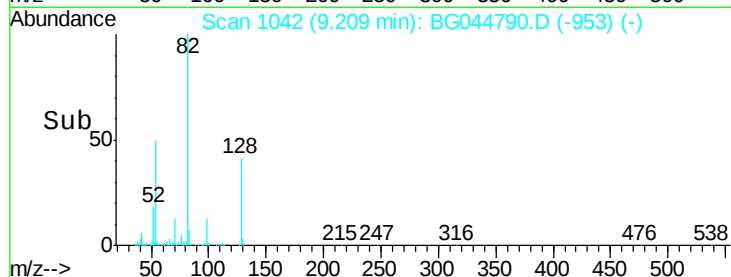
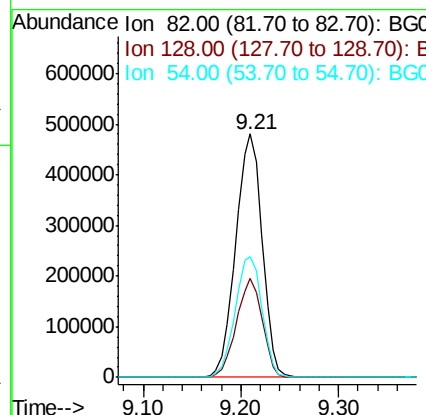
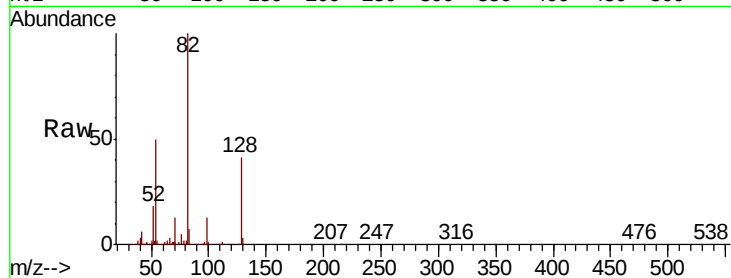




#23
 Nitrobenzene-d5
 Concen: 80.266 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044790.D
 Acq: 14 Mar 2020 8:48

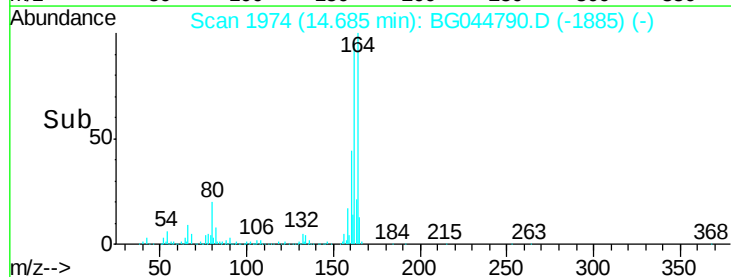
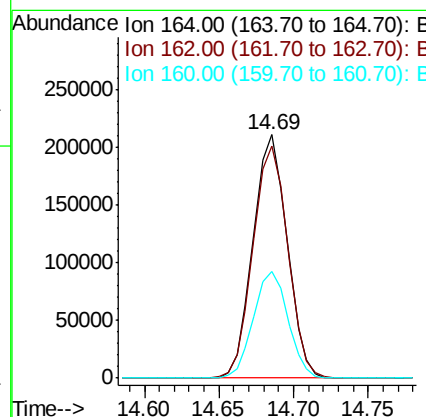
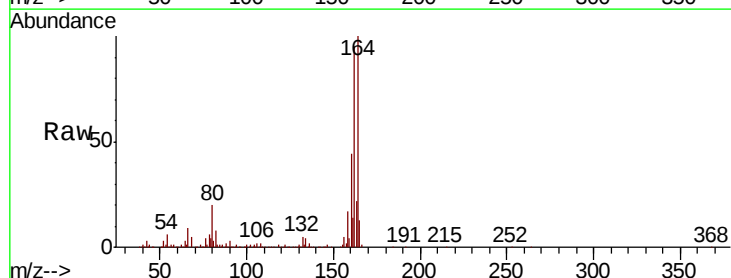
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39

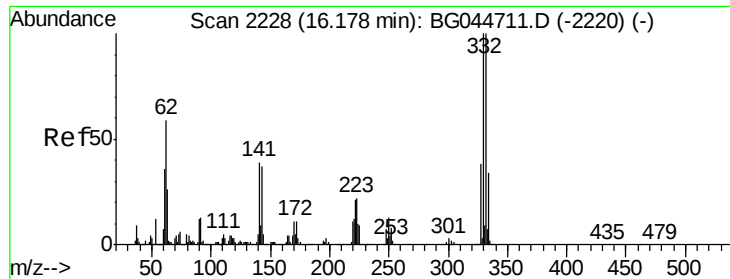
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	30.2	45.2
54	49.6	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG044790.D
 Acq: 14 Mar 2020 8:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.5	80.2	120.4
160	43.8	36.2	54.2

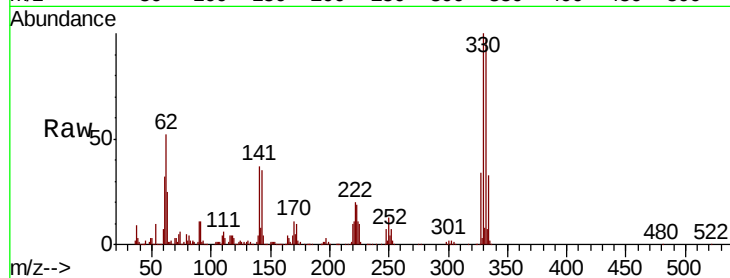




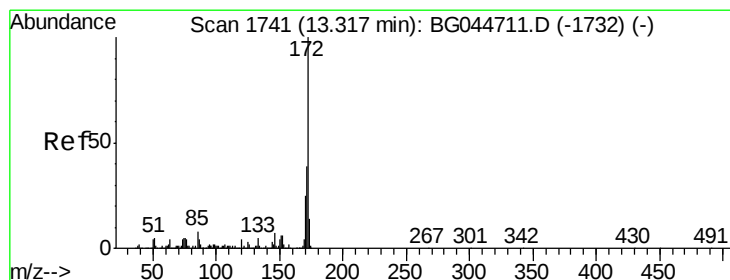
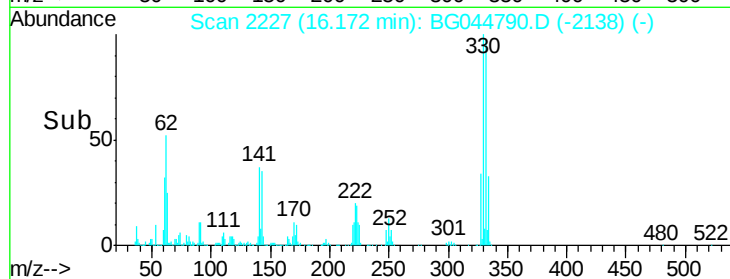
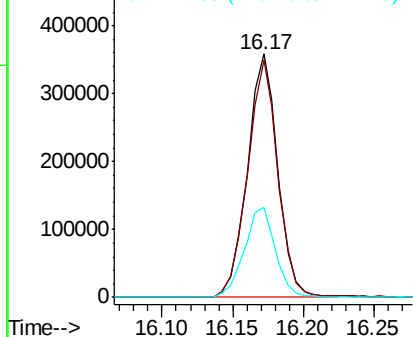
#42
 2,4,6-Tribromophenol
 Concen: 124.264 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044790.D
 Acq: 14 Mar 2020 8:48

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39

Tot Ion:330 Resp: 541021
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.5 116.3
 141 37.6 31.7 47.5

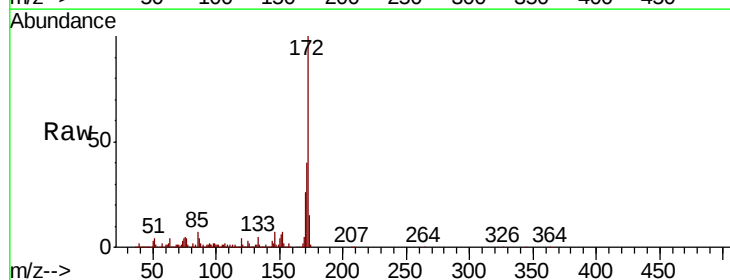


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

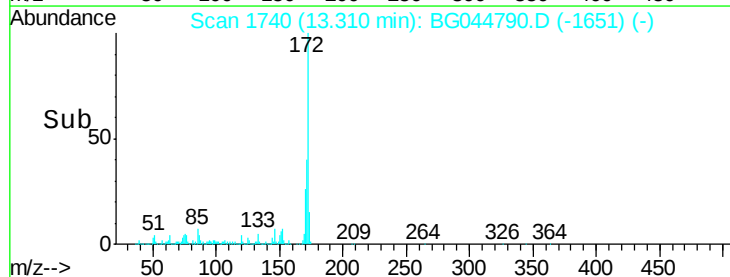
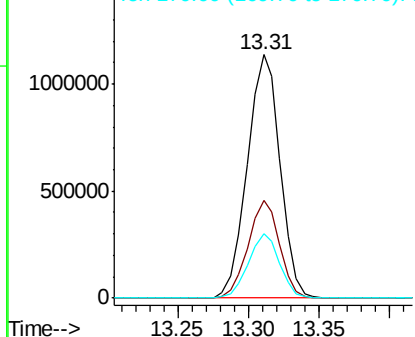


#45
 2-Fluorobiphenyl
 Concen: 79.616 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044790.D
 Acq: 14 Mar 2020 8:48

Tgt Ion:172 Resp: 1848685
 Ion Ratio Lower Upper
 172 100
 171 39.9 30.8 46.2
 170 26.3 20.0 30.0



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: 3.196 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG044790.D

Acq: 14 Mar 2020 8:48

Instrument :

BNA_G

ClientSampleId :

MC5B39

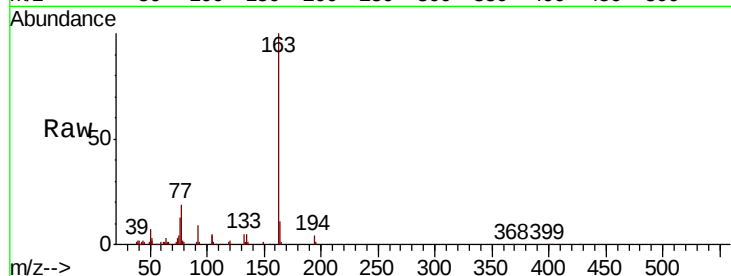
Tot Ion:163 Resp: 84652

Ion Ratio Lower Upper

163 100

194 3.5 3.5 5.3#

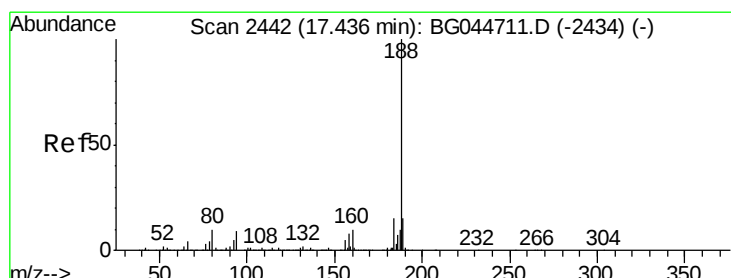
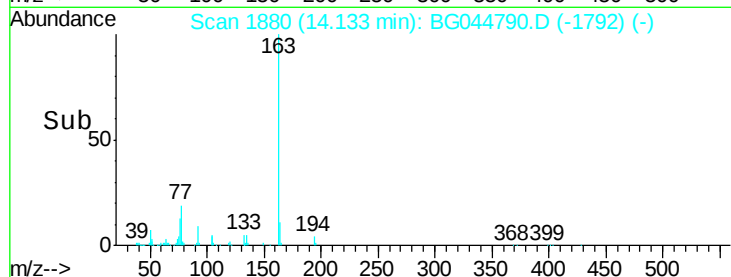
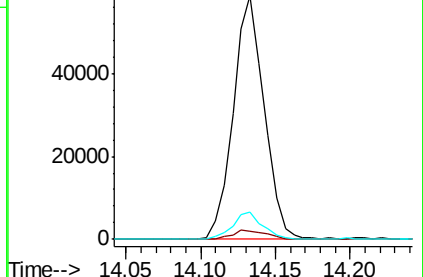
164 11.3 9.2 13.8



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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044790.D

Acq: 14 Mar 2020 8:48

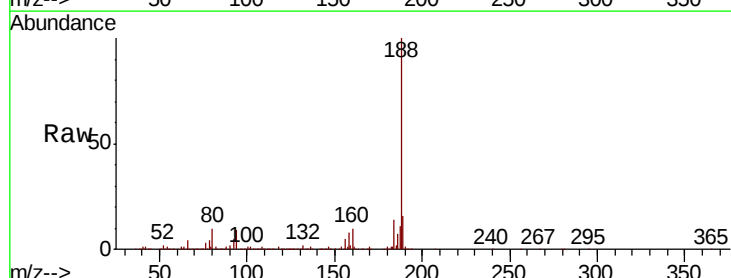
Tgt Ion:188 Resp: 689986

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

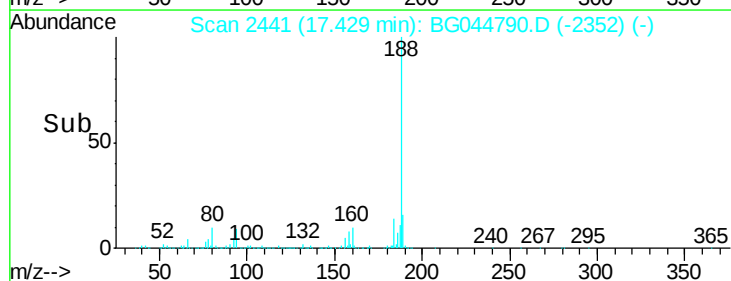
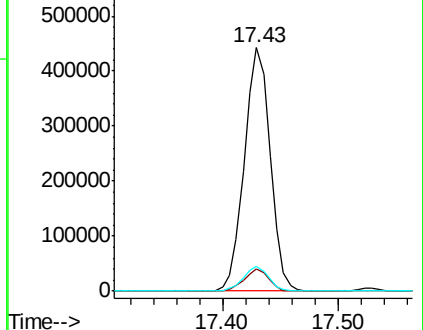
80 10.3 8.4 12.6

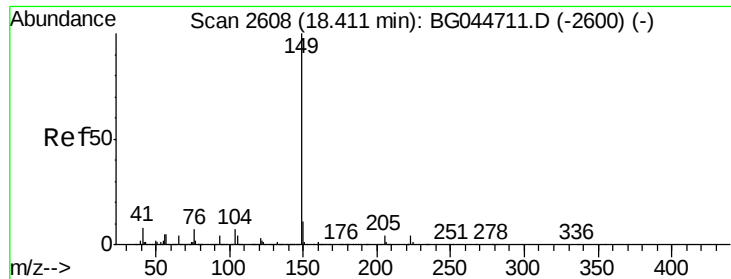


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Di-n-butylphthalate

Concen: 2.061 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044790.D

Acq: 14 Mar 2020 8:48

Instrument :

BNA_G

ClientSampleId :

MC5B39

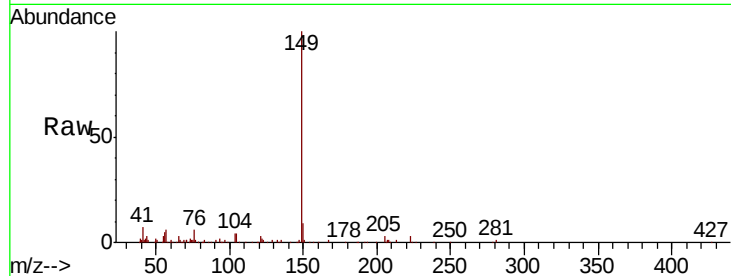
Tot Ion:149 Resp: 87518

Ion Ratio Lower Upper

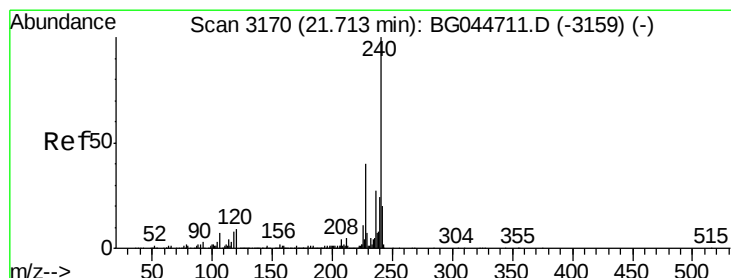
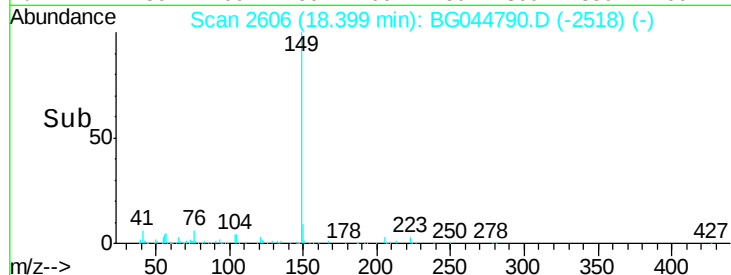
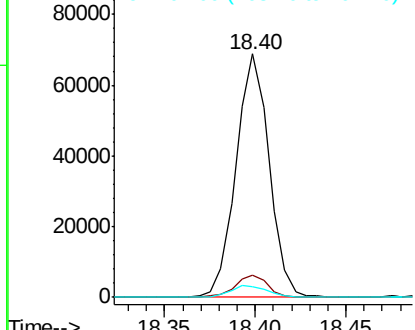
149 100

150 8.9 8.4 12.6

104 4.3 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG044790.D

Acq: 14 Mar 2020 8:48

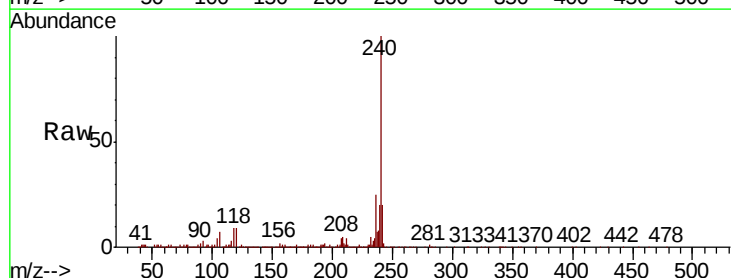
Tgt Ion:240 Resp: 569456

Ion Ratio Lower Upper

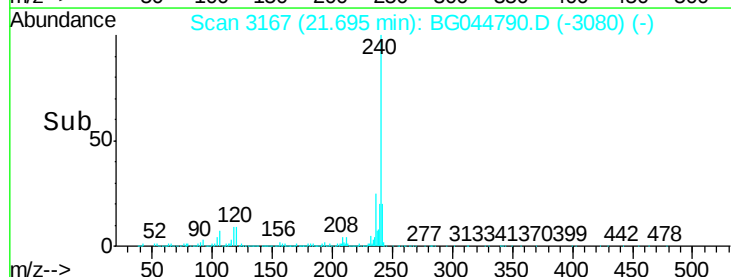
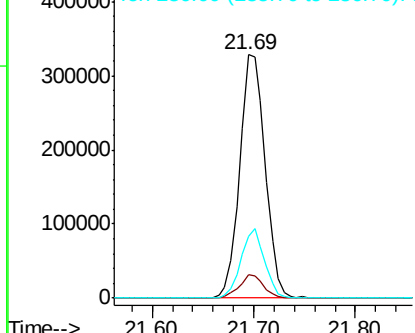
240 100

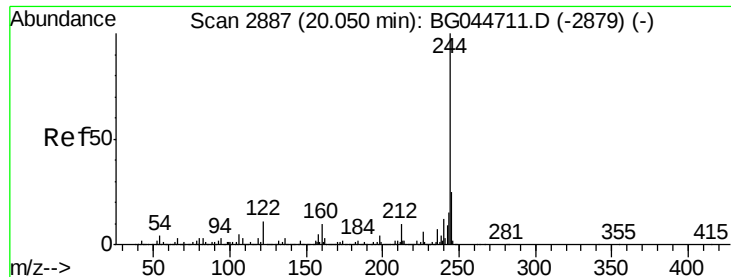
120 9.4 6.9 10.3

236 25.4 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





#79

Terphenyl-d14

Concen: 79.106 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044790.D

Acq: 14 Mar 2020 8:48

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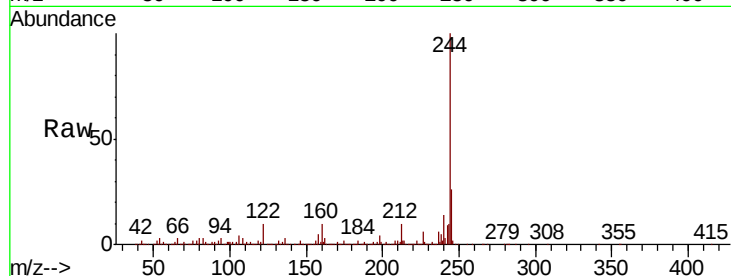
Tot Ion:244 Resp: 2408248

Ion Ratio Lower Upper

244 100

212 10.4 8.4 12.6

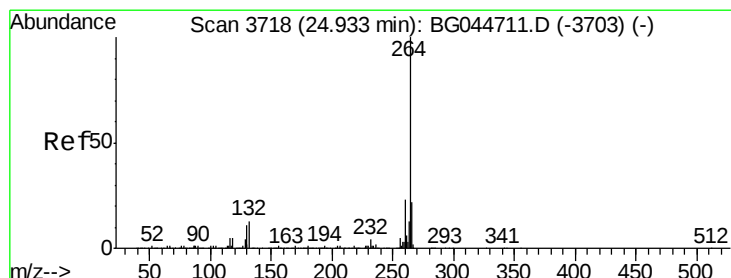
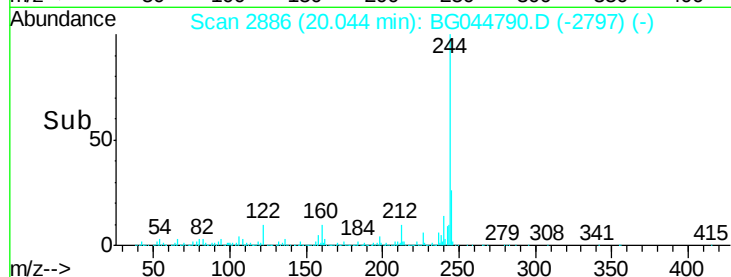
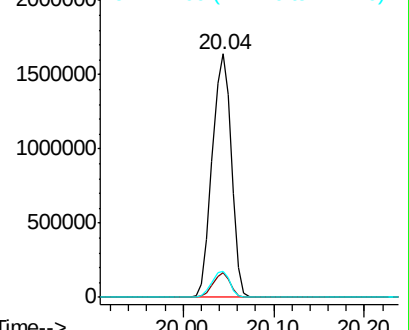
122 10.5 8.7 13.1



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: 24.91 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG044790.D

Acq: 14 Mar 2020 8:48

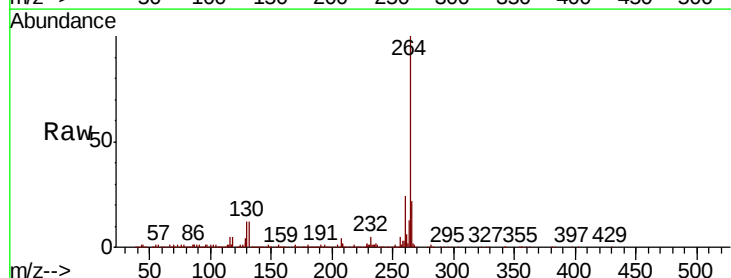
Tgt Ion:264 Resp: 633452

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.9 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

