

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022618.D
 Acq On : 26 Jun 2016 20:44
 Operator : UM/SJ
 Sample : H3741-05
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:13:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

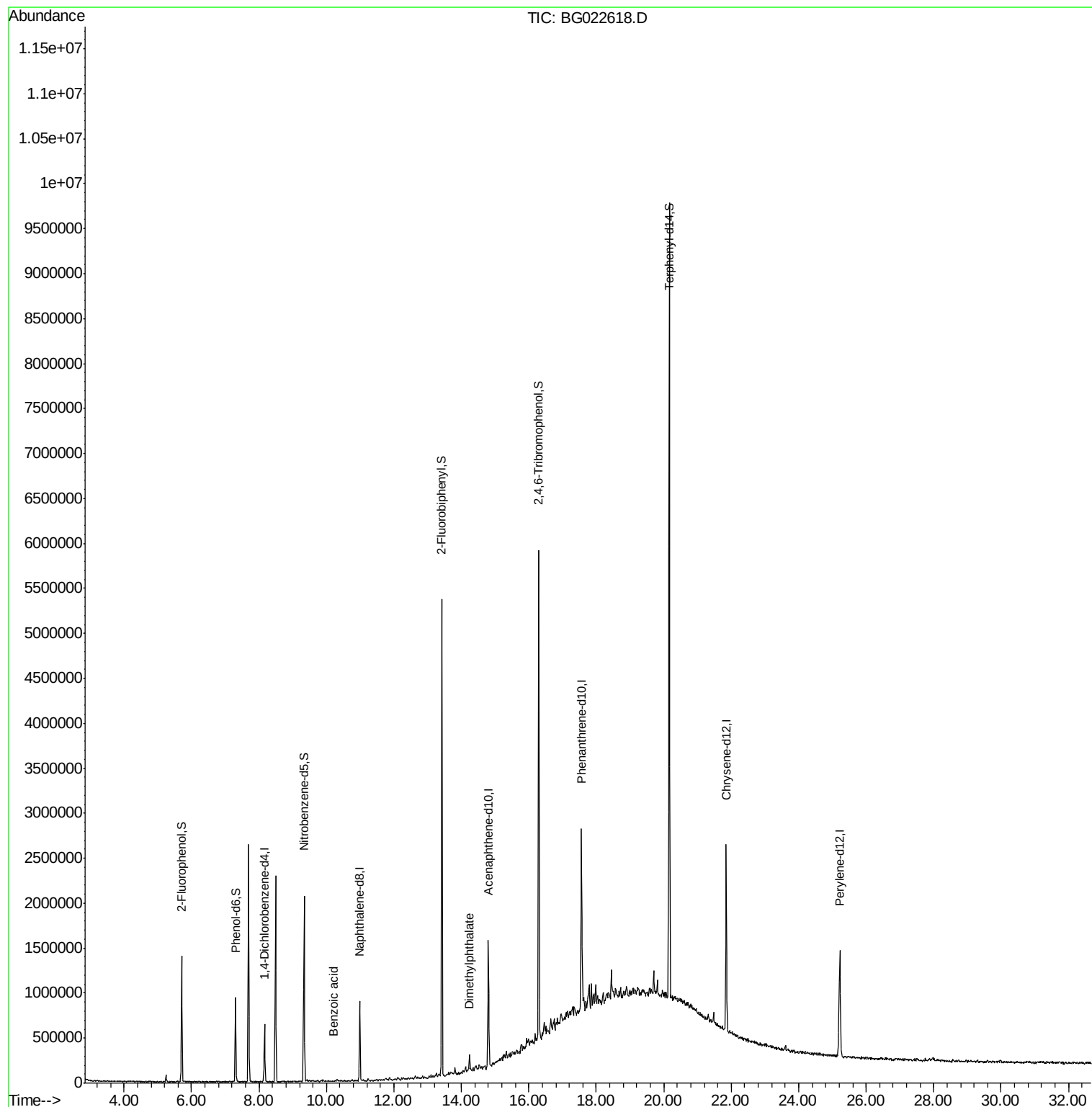
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	159817	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	706759	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	463583	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1114943	20.00	ng	0.01
75) Chrysene-d12	21.85	240	1291345	20.00	ng	0.00
86) Perylene-d12	25.22	264	1359273	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	565533	56.76	ng	0.00
7) Phenol-d6	7.30	99	544991	38.80	ng	0.00
23) Nitrobenzene-d5	9.33	82	1348641	80.76	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	970705	133.13	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2445746	83.67	ng	0.00
78) Terphenyl-d14	20.16	244	3101913	63.64	ng	0.01
Target Compounds						
32) Benzoic acid	10.19	122	206	5.14	ng	# 17
49) Dimethylphthalate	14.24	163	104307	2.71	ng	# 98

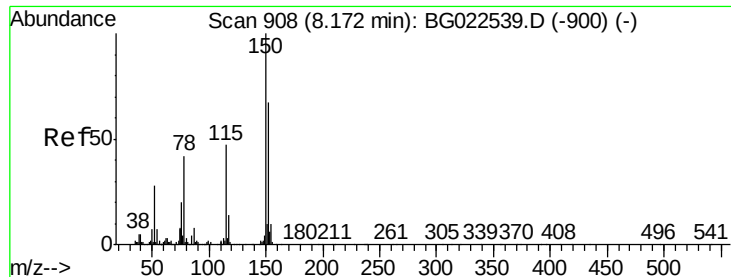
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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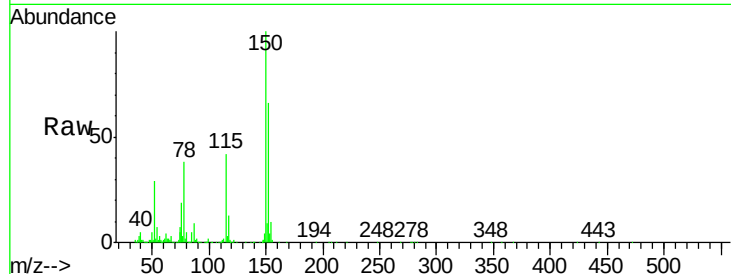


#1

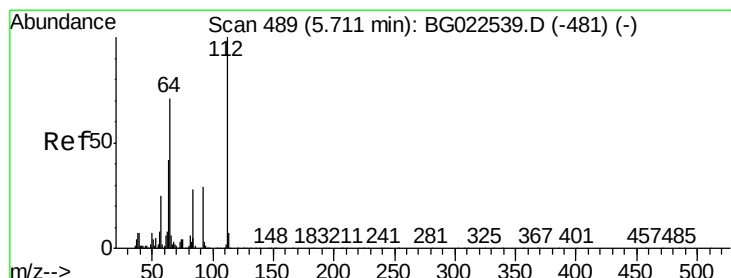
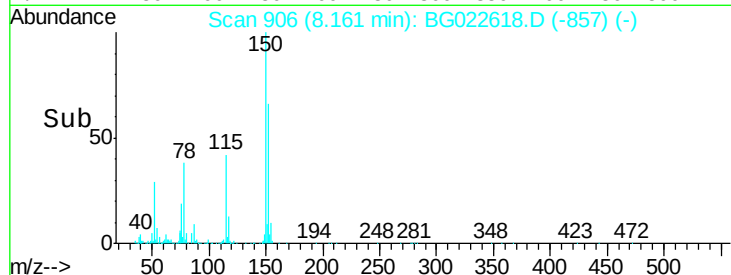
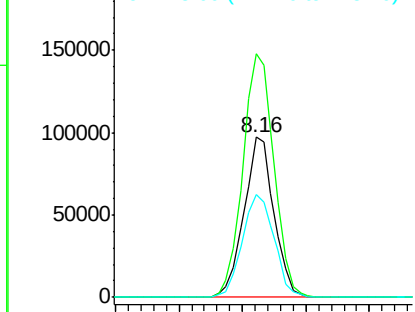
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022618.D
Acq: 26 Jun 2016 20:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	144.7	217.1
115	64.1	64.0	96.0



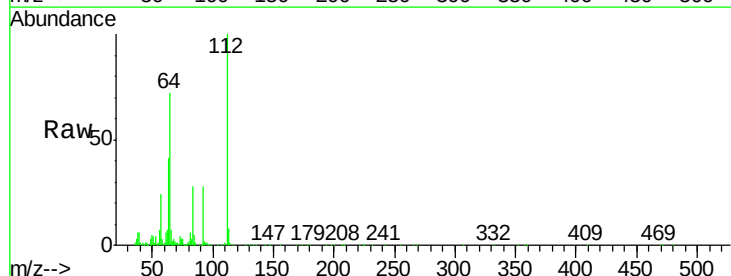
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



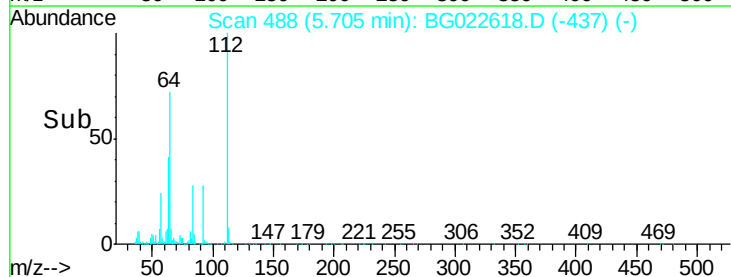
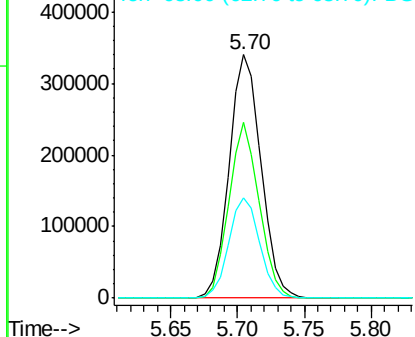
#5

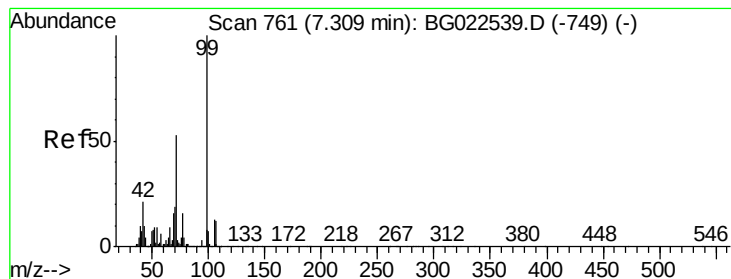
2-Fluorophenol
Concen: 56.76 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022618.D
Acq: 26 Jun 2016 20:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	59.0	88.4
63	41.1	37.8	56.8



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: 38.80 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022618.D

Acq: 26 Jun 2016 20:44

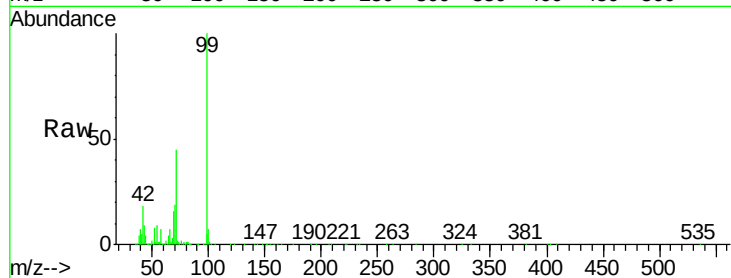
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 544991

Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.8	26.6
71	44.7	41.5	62.3

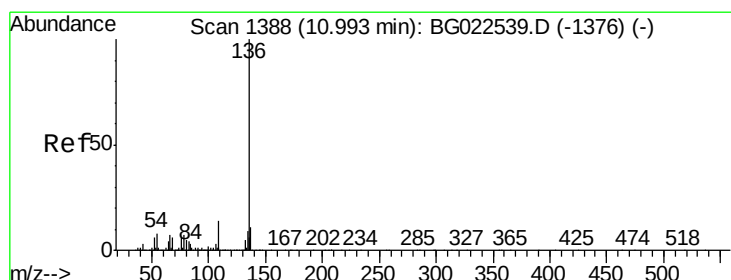
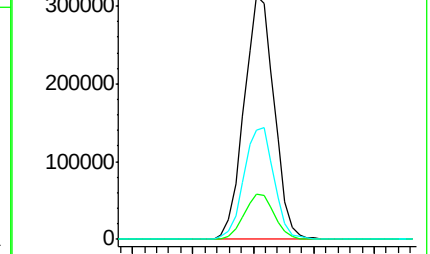
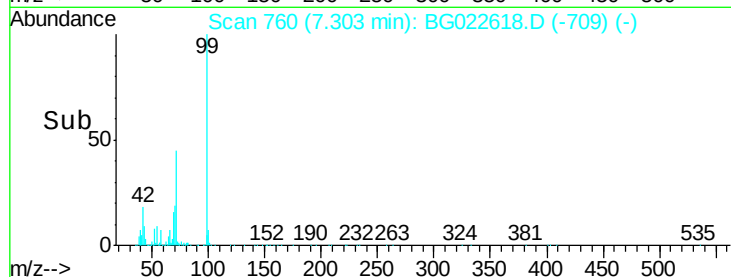


Abundance

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: 20.00 ng

RT: 10.99 min Scan# 1387

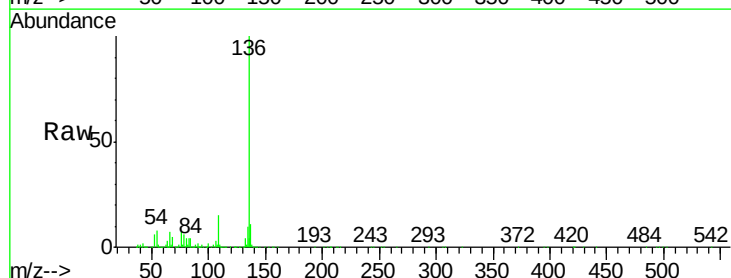
Delta R.T. -0.01 min

Lab File: BG022618.D

Acq: 26 Jun 2016 20:44

Tgt Ion: 136 Resp: 706759

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	8.0	7.3	10.9
68	5.4	5.3	7.9



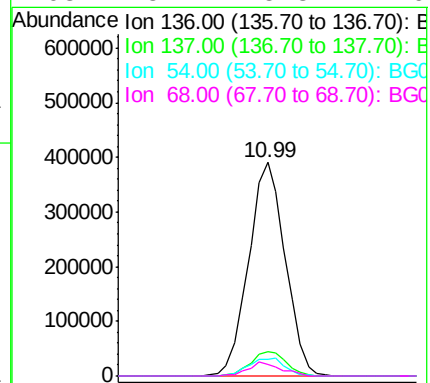
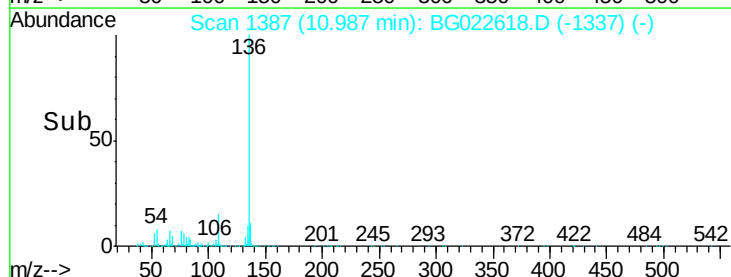
Abundance

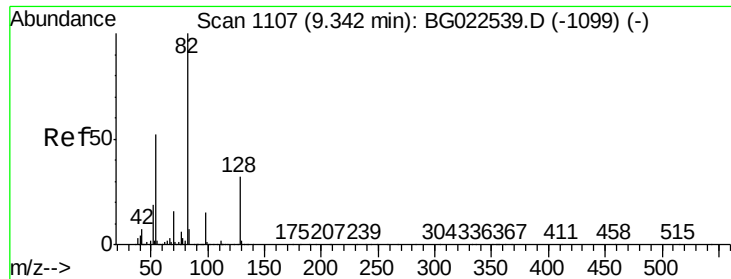
Ion 136.00 (135.70 to 136.70): BGC

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

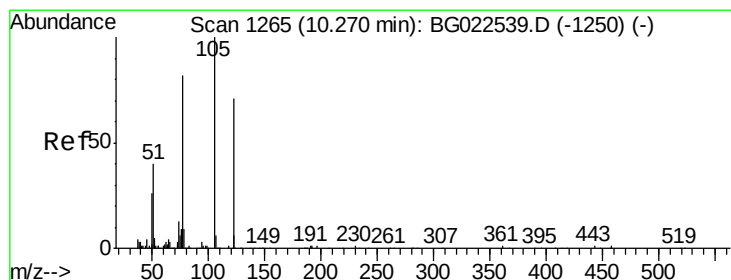
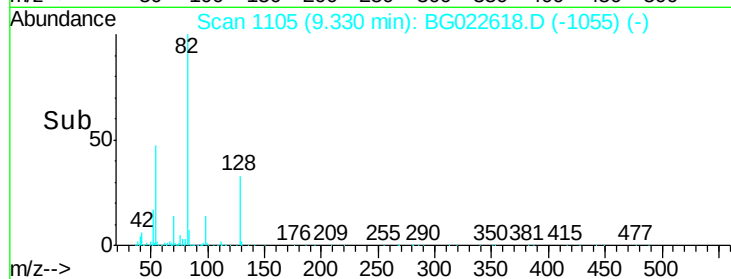
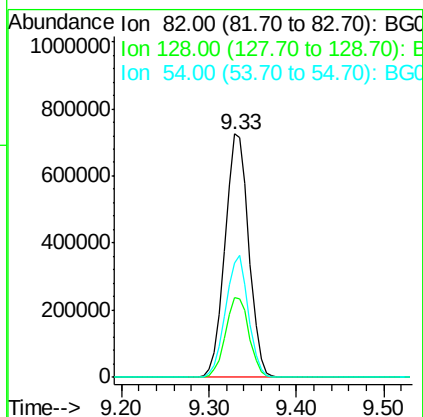
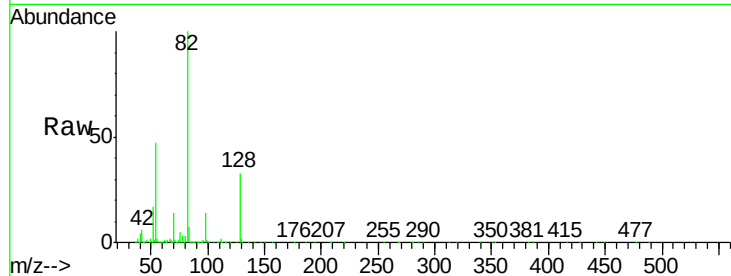




#23
 Nitrobenzene-d5
 Concen: 80.76 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022618.D
 Acq: 26 Jun 2016 20:44

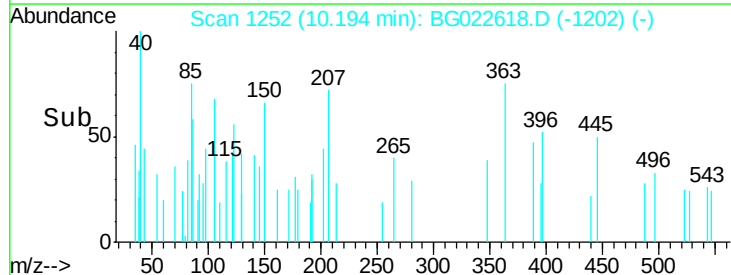
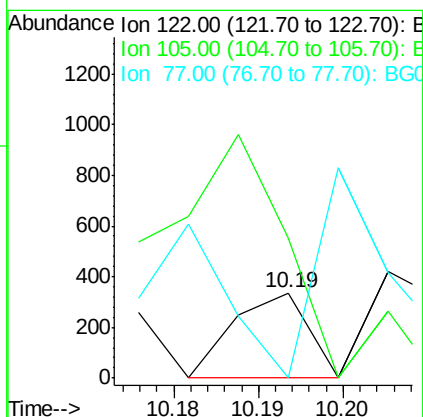
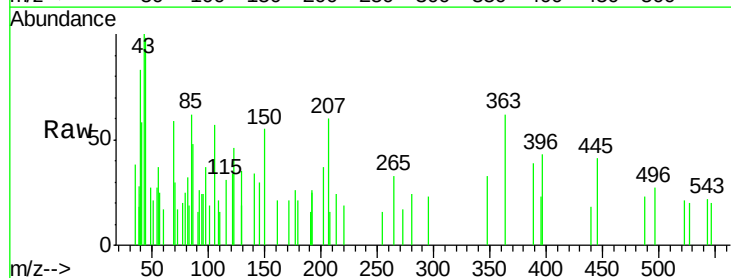
Instrument :
 BNA_G
 ClientSampled :

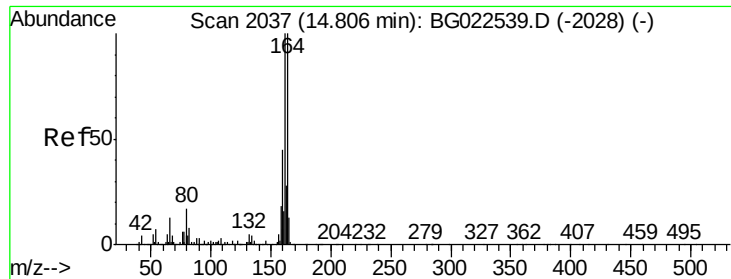
Tot Ion: 82 Resp: 1348641
 Ion Ratio Lower Upper
 82 100
 128 32.7 24.4 36.6
 54 47.2 41.4 62.0



#32
 Benzoic acid
 Concen: 5.14 ng
 RT: 10.19 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BG022618.D
 Acq: 26 Jun 2016 20:44

Tgt Ion: 122 Resp: 206
 Ion Ratio Lower Upper
 122 100
 105 70.3 117.2 157.2#
 77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022618.D

Acq: 26 Jun 2016 20:44

Instrument :

BNA_G

ClientSampleId :

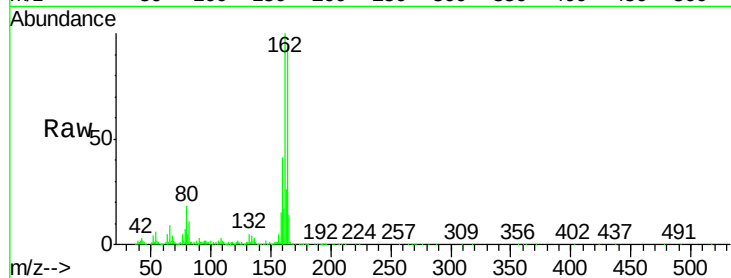
Tot Ion:164 Resp: 463583

Ion Ratio Lower Upper

164 100

162 106.2 87.7 131.5

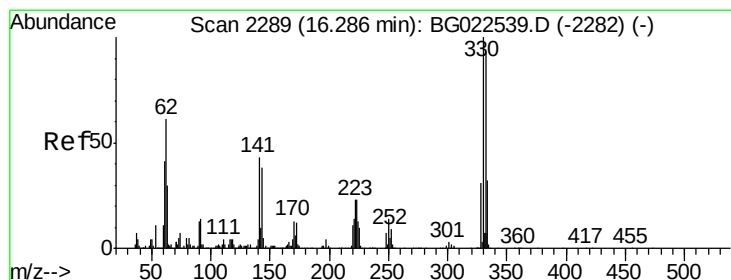
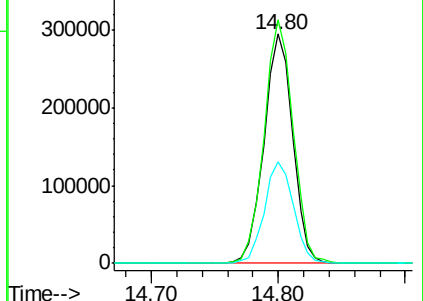
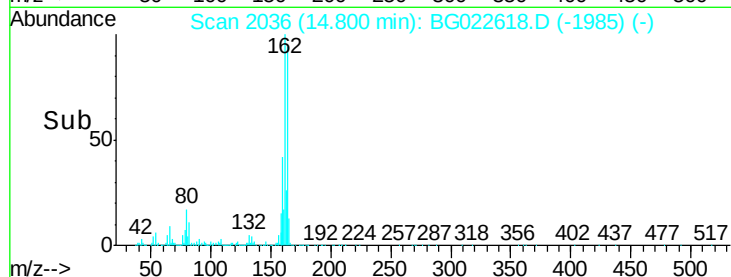
160 44.0 37.2 55.8



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: 133.13 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022618.D

Acq: 26 Jun 2016 20:44

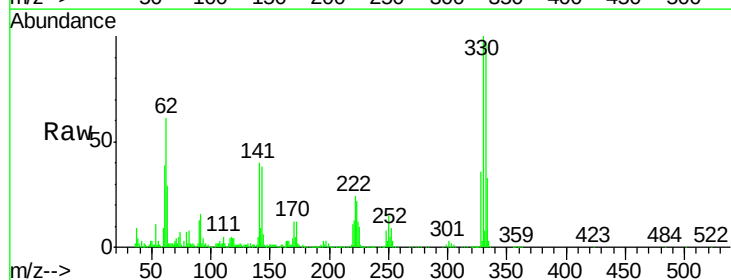
Tgt Ion:330 Resp: 970705

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

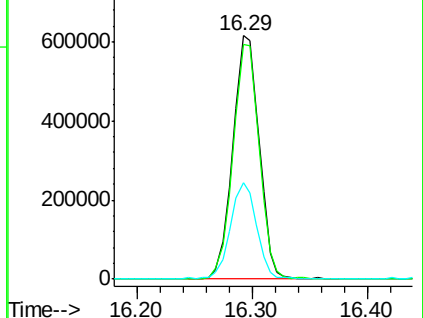
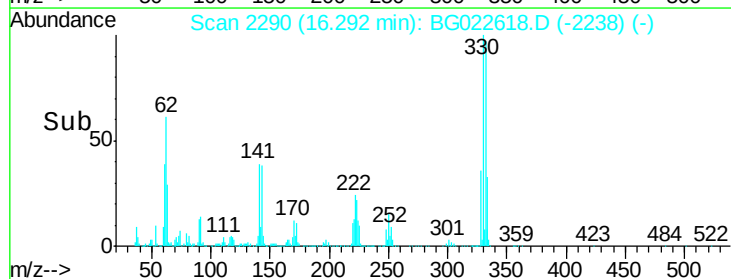
141 38.8 31.7 47.5

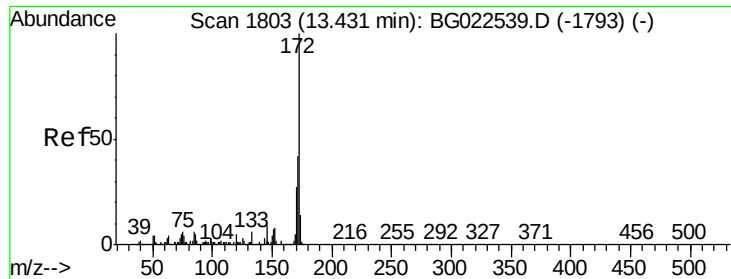


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

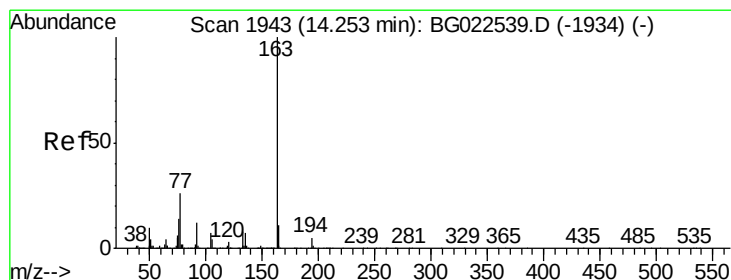
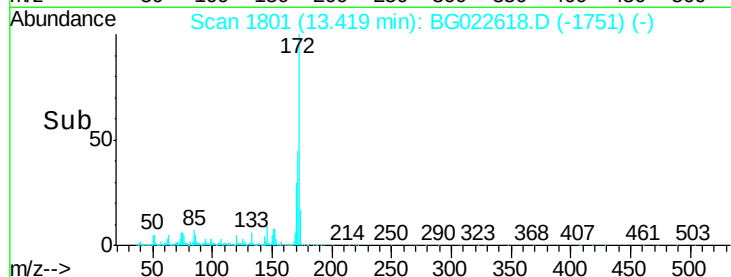
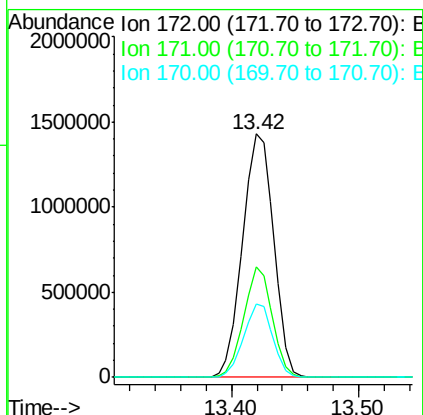
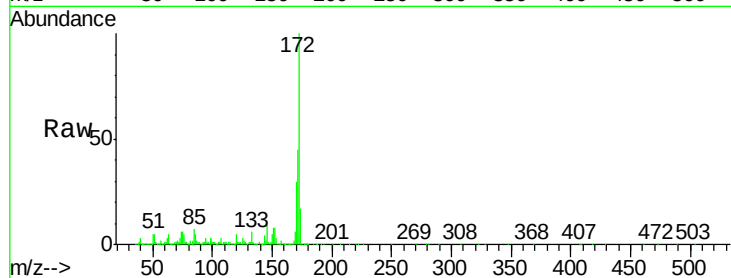




#44
2-Fluorobiphenyl
Concen: 83.67 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022618.D
Acq: 26 Jun 2016 20:44

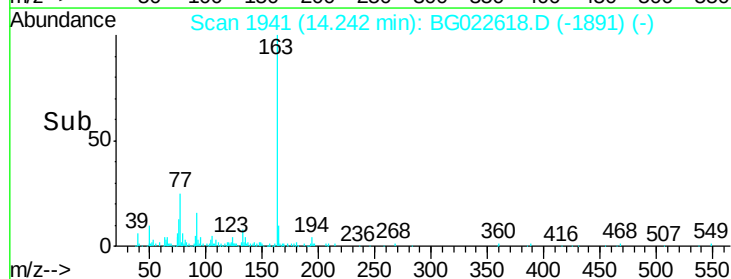
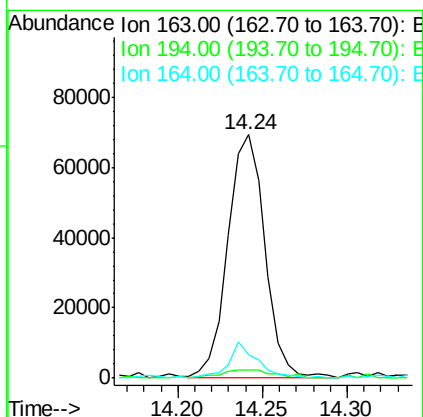
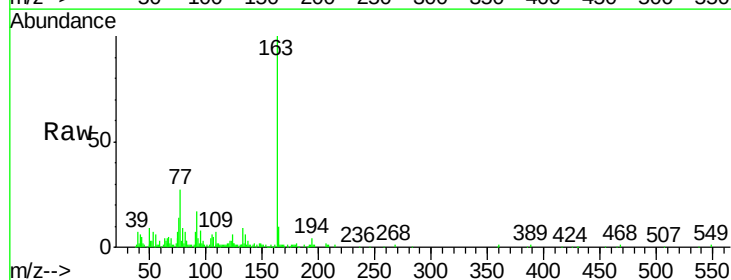
Instrument :
BNA_G
ClientSampleId :

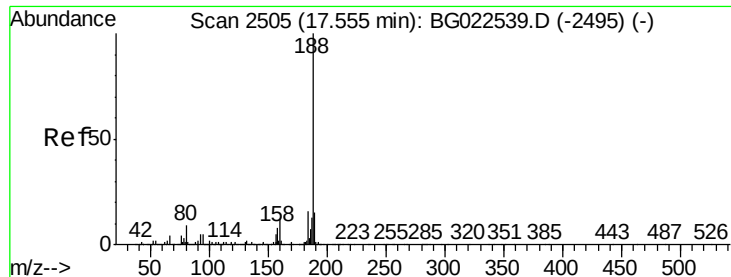
Tot Ion:172 Resp: 2445746
Ion Ratio Lower Upper
172 100
171 45.4 31.6 47.4
170 30.0 21.3 31.9



#49
Dimethylphthalate
Concen: 2.71 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG022618.D
Acq: 26 Jun 2016 20:44

Tgt Ion:163 Resp: 104307
Ion Ratio Lower Upper
163 100
194 3.5 3.6 5.4#
164 9.8 8.1 12.1

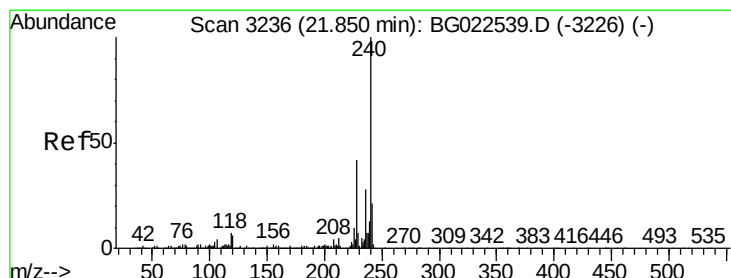
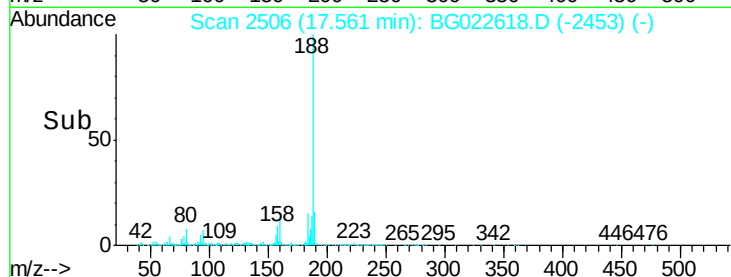
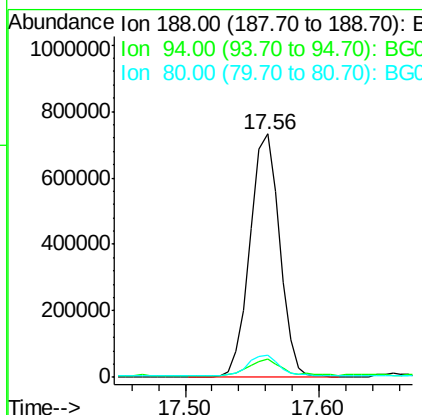
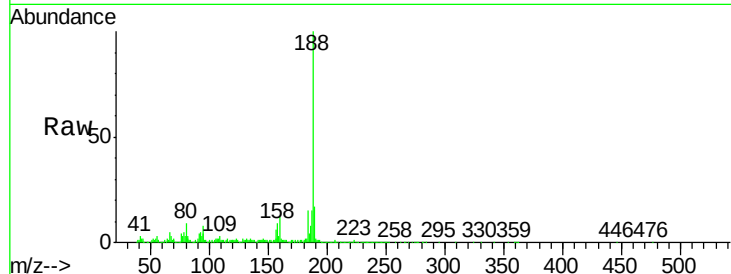




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG022618.D
Acq: 26 Jun 2016 20:44

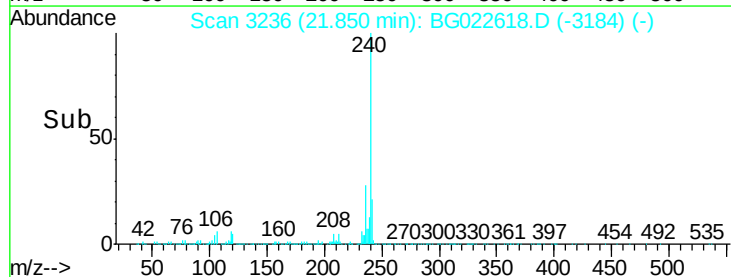
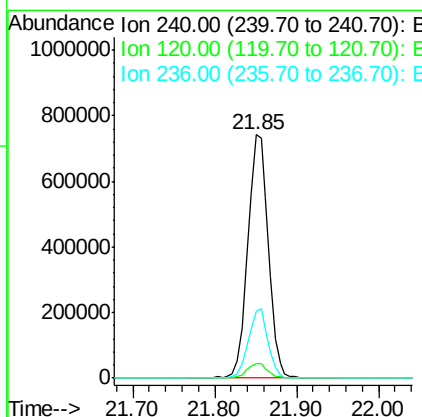
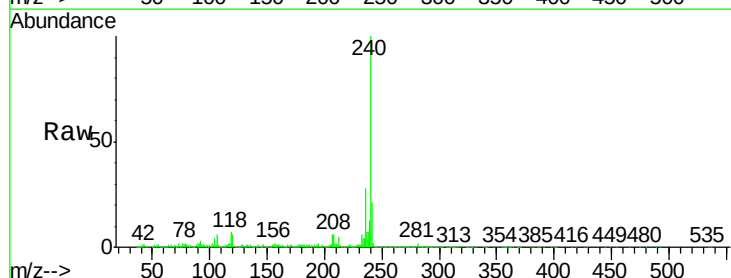
Instrument :
BNA_G
ClientSampled :

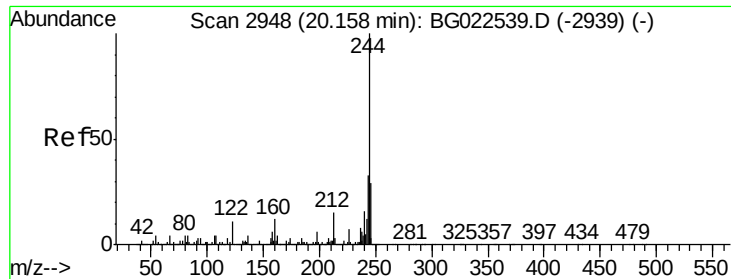
Tot Ion:188 Resp: 1114943
Ion Ratio Lower Upper
188 100
94 7.8 5.2 7.8
80 9.1 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022618.D
Acq: 26 Jun 2016 20:44

Tgt Ion:240 Resp: 1291345
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 27.7 21.1 31.7





#78

Terphenyl-d14

Concen: 63.64 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG022618.D

Acq: 26 Jun 2016 20:44

Instrument :

BNA_G

ClientSampleId :

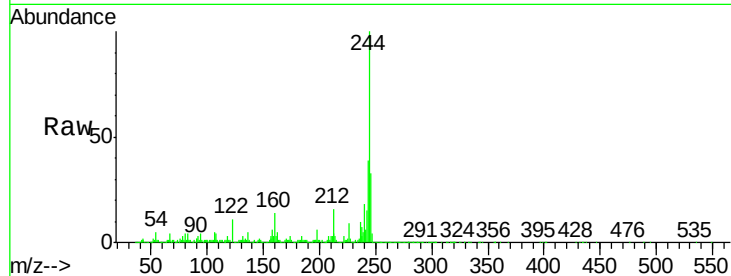
Tot Ion:244 Resp: 3101913

Ion	Ratio	Lower	Upper
244	100		
212	15.9	10.8	16.2
122	11.2	8.0	12.0

244 100

212 15.9 10.8 16.2

122 11.2 8.0 12.0



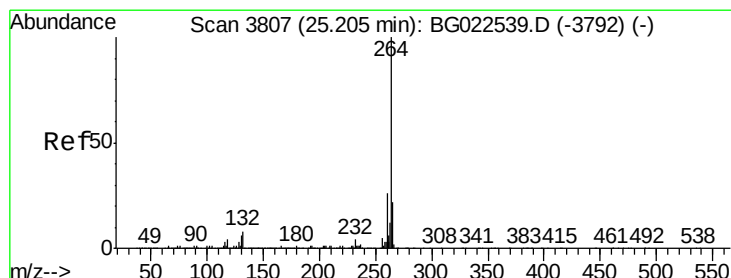
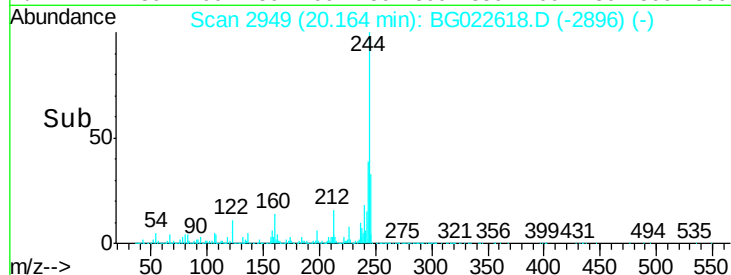
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.16

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3809

Delta R.T. 0.01 min

Lab File: BG022618.D

Acq: 26 Jun 2016 20:44

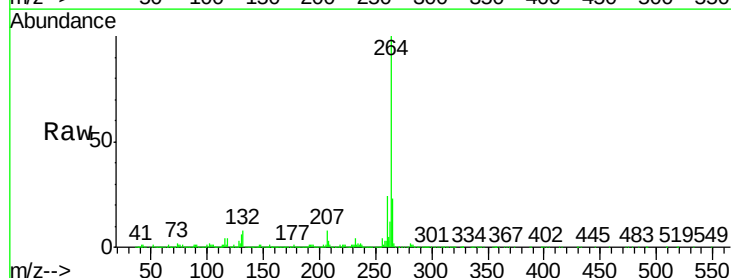
Tgt Ion:264 Resp: 1359273

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.8	18.9	28.3

264 100

260 24.2 18.4 27.6

265 22.8 18.9 28.3



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

25.22

Time-->

