

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033252.D
 Acq On : 19 Mar 2018 22:51
 Operator : SJ/JU
 Sample : J1953-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031418-TIDO-F-U-B

Quant Time: Mar 20 03:56:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

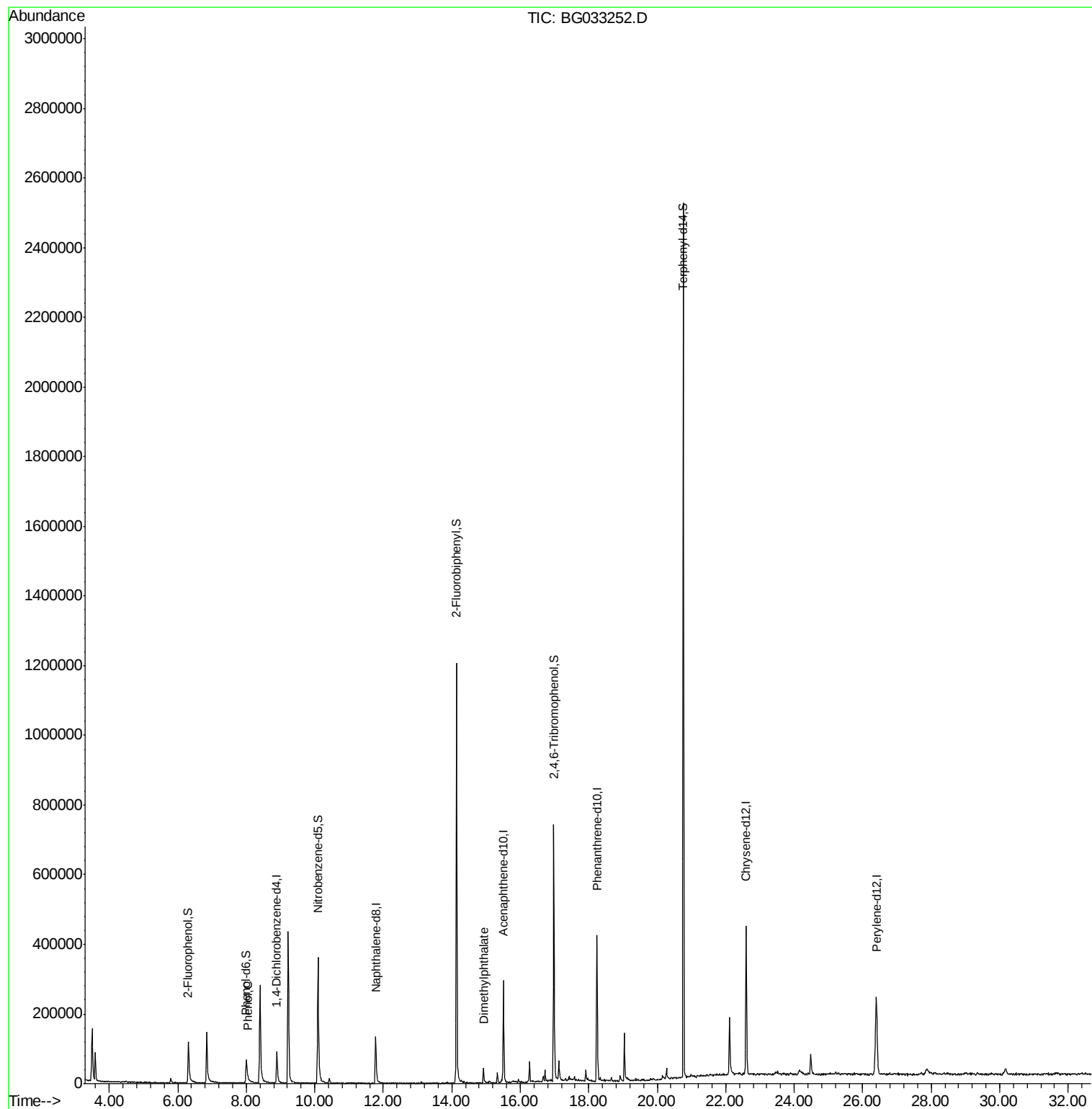
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34353	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	142666	20.00	ng	-0.01
38) Acenaphthene-d10	15.51	164	112084	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	301887	20.00	ng	0.00
75) Chrysene-d12	22.60	240	307830	20.00	ng	0.00
86) Perylene-d12	26.40	264	318834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	70968	38.74	ng	0.00
7) Phenol-d6	8.00	99	65176	20.71	ng	0.00
23) Nitrobenzene-d5	10.09	82	293396	94.49	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	162900	97.18	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	711160	91.60	ng	0.00
78) Terphenyl-d14	20.76	244	1292827	89.82	ng	0.00
Target Compounds						
10) Phenol	8.05	94	7009	2.255	ng	83
49) Dimethylphthalate	14.93	163	29436	3.018	ng	# 97

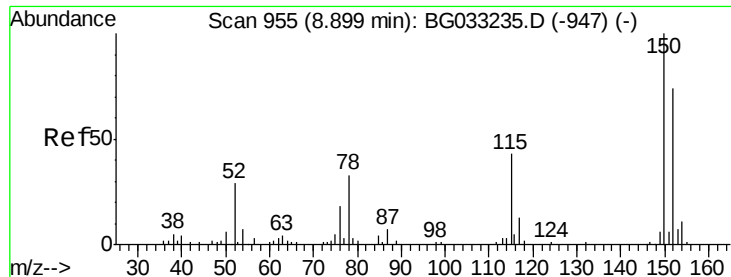
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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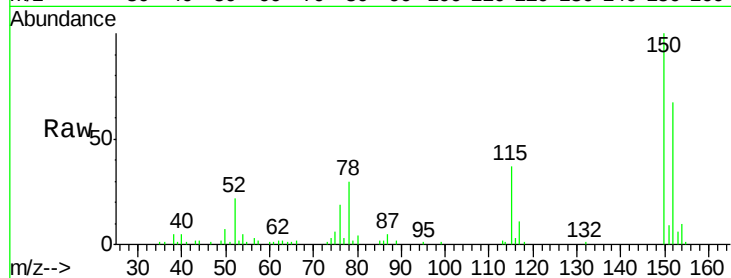


#1

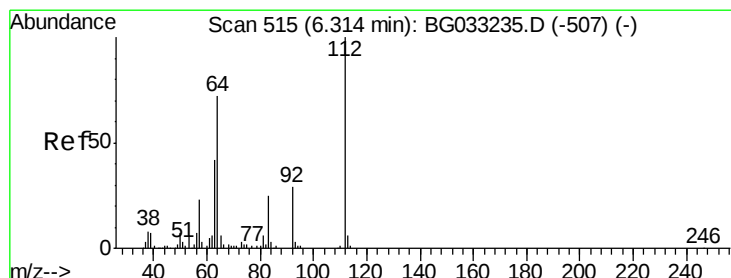
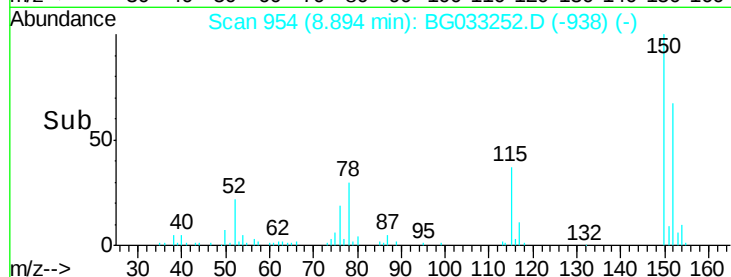
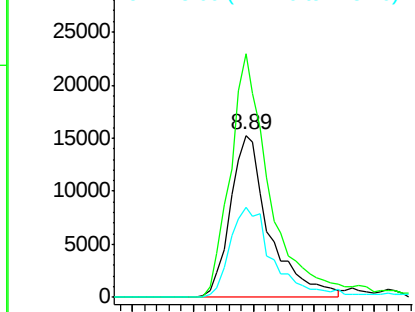
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.6	189.8
115	55.5	53.0	79.4



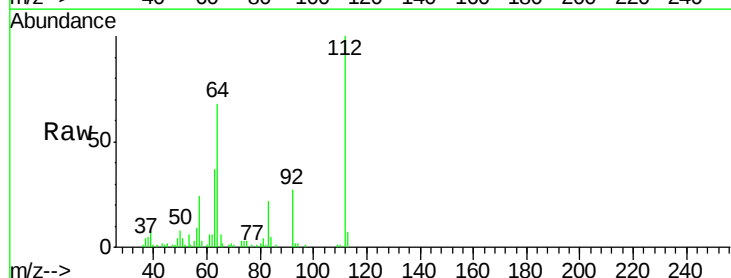
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



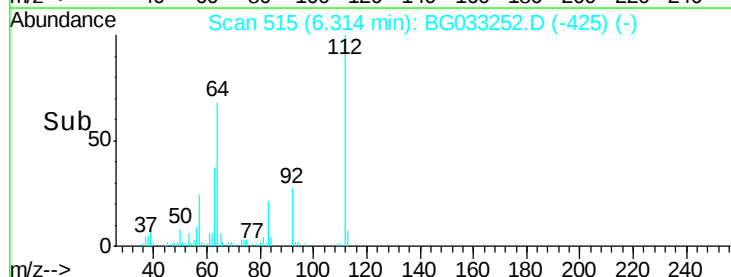
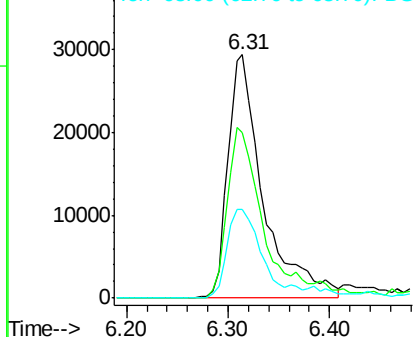
#5

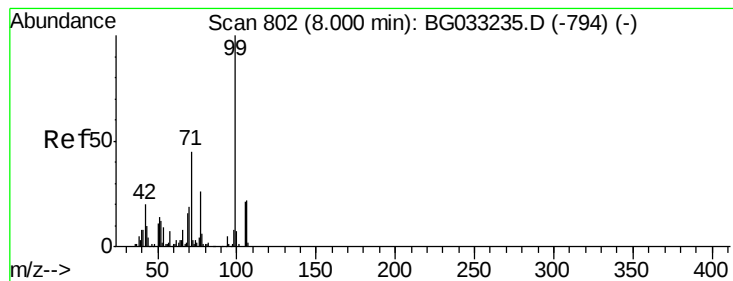
2-Fluorophenol
Concen: 38.737 ng
RT: 6.31 min Scan# 515
Delta R.T. 0.00 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	56.3	84.5
63	36.5	30.1	45.1



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: 20.705 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

Instrument :

BNA_G

ClientSampleId :

031418-TIDO-F-U-B

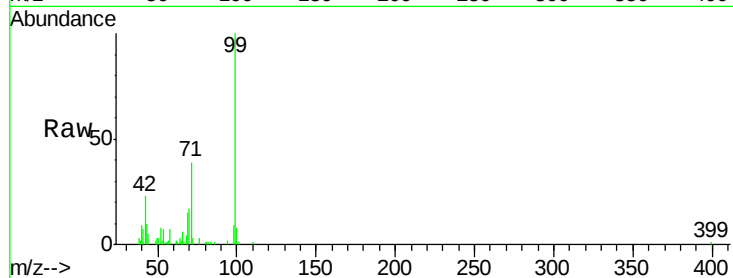
Tot Ion: 99 Resp: 65176

Ion Ratio Lower Upper

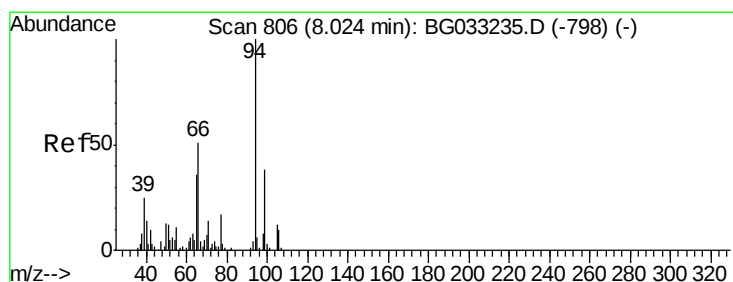
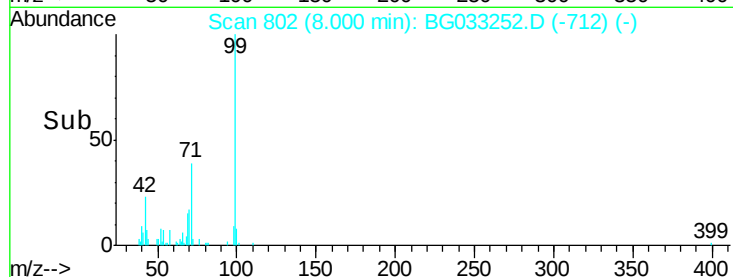
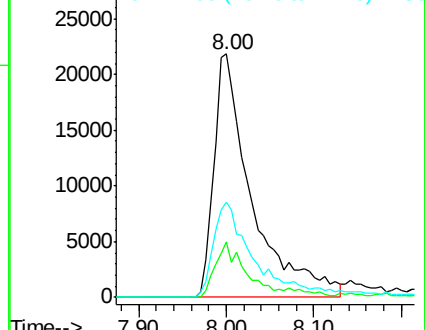
99 100

42 22.6 14.1 21.1#

71 38.9 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: 2.255 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.02 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

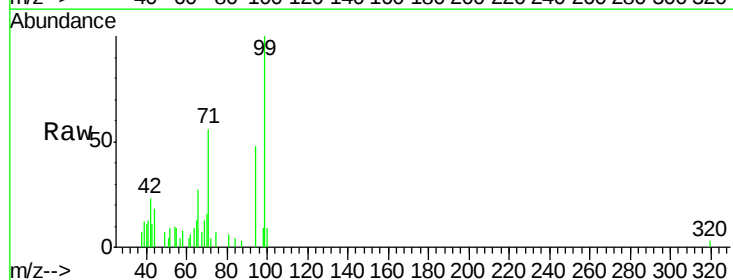
Tgt Ion: 94 Resp: 7009

Ion Ratio Lower Upper

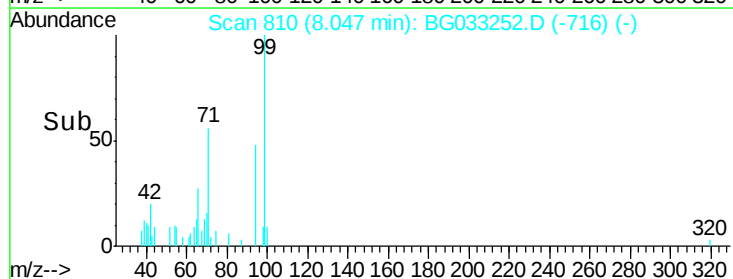
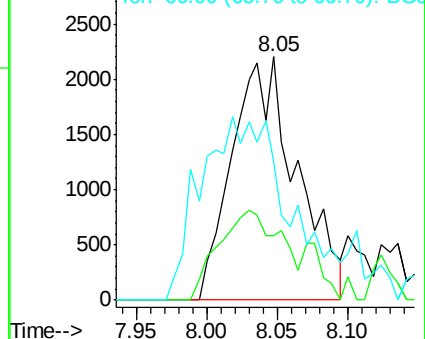
94 100

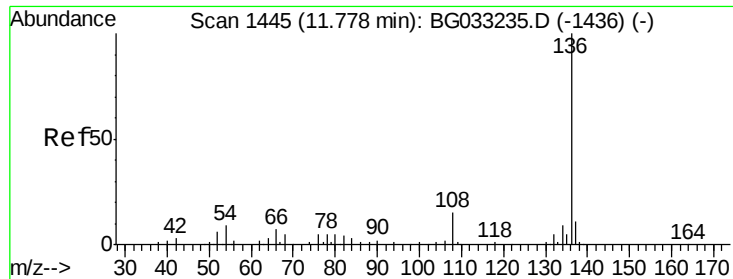
65 26.7 11.9 51.9

66 56.8 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

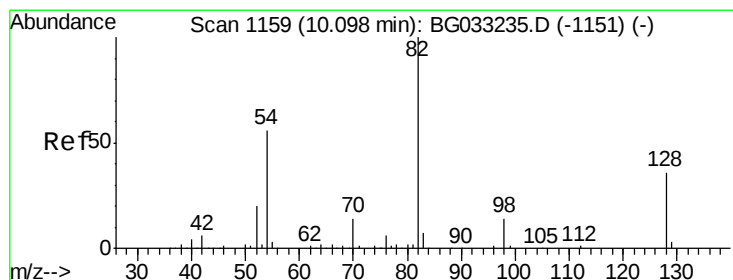
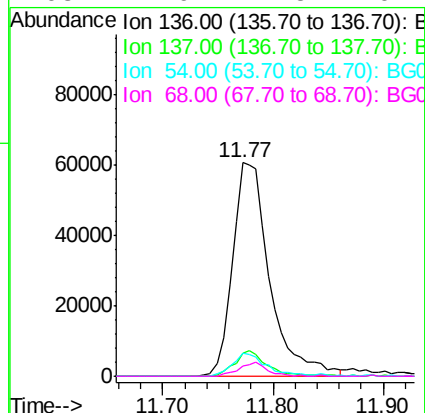
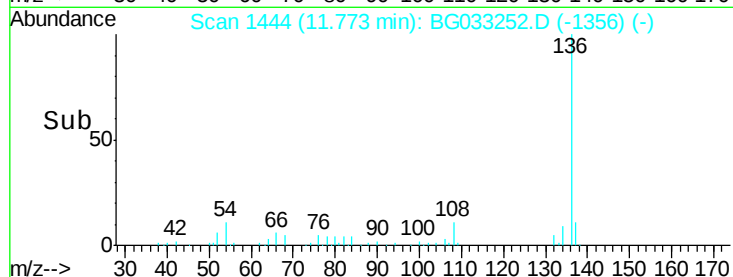
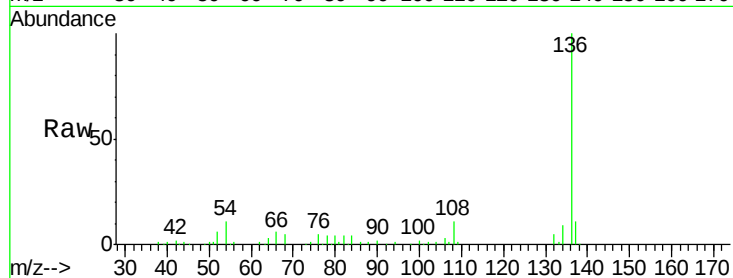




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

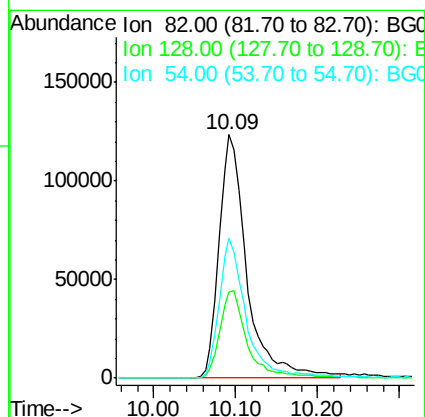
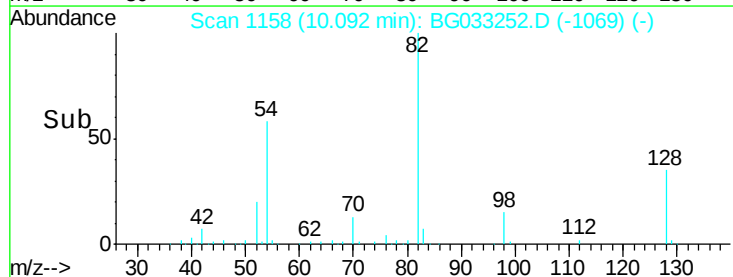
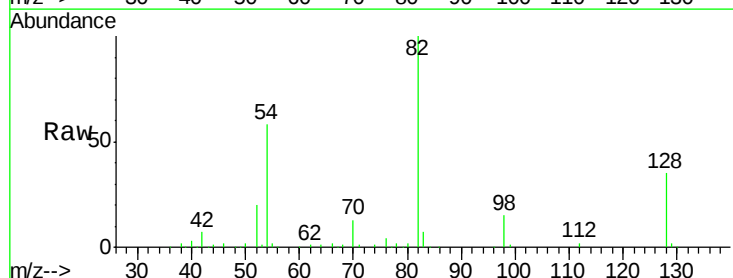
Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-U-B

Tot Ion:136	Resp:	142666
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.2 13.8
54	10.7	10.3 15.5
68	4.9	4.5 6.7



#23
Nitrobenzene-d5
Concen: 94.485 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Tgt Ion: 82	Resp:	293396
Ion	Ratio	Lower Upper
82	100	
128	35.4	29.7 44.5
54	57.7	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

Instrument :

BNA_G

ClientSampleId :

031418-TIDO-F-U-B

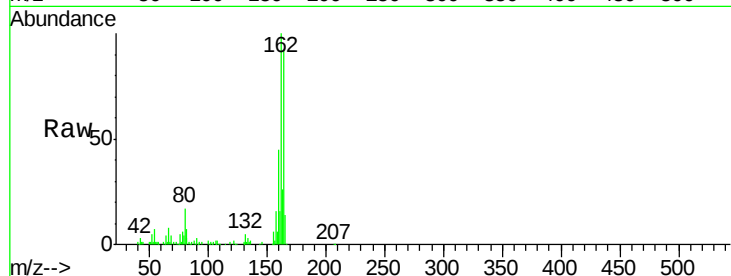
Tot Ion:164 Resp: 112084

Ion Ratio Lower Upper

164 100

162 108.8 78.8 118.2

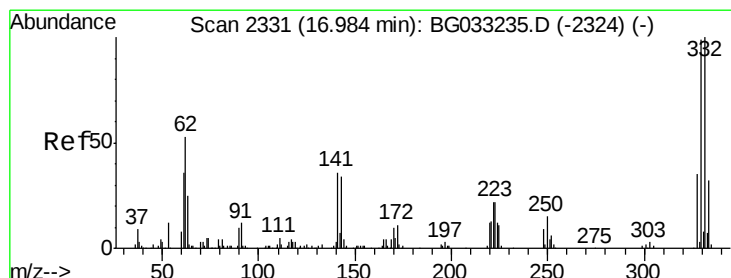
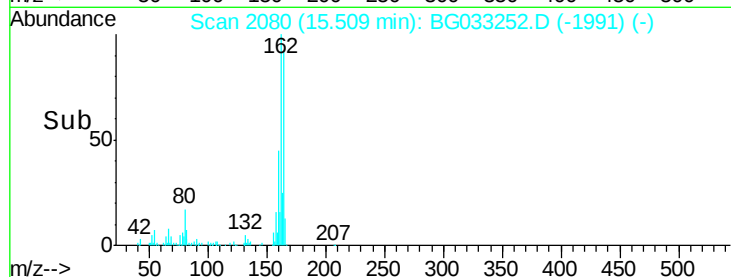
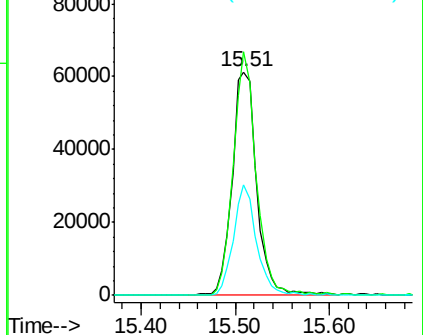
160 49.2 35.4 53.0



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: 97.176 ng

RT: 16.98 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

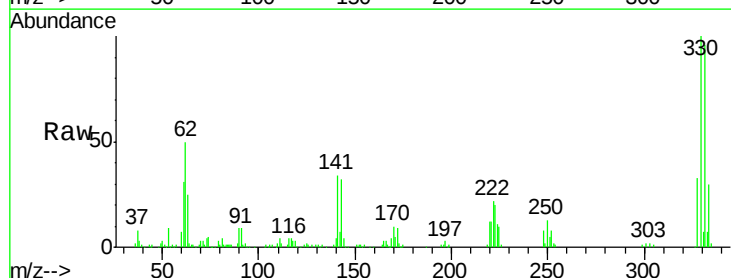
Tgt Ion:330 Resp: 162900

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

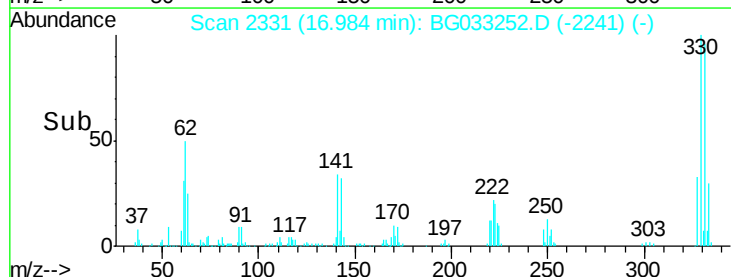
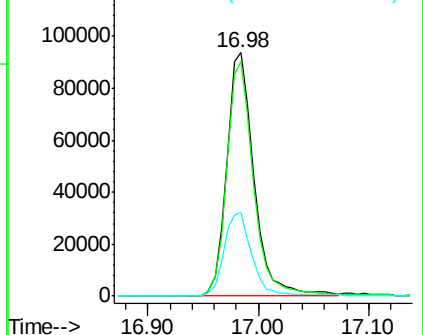
141 35.4 25.2 37.8



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

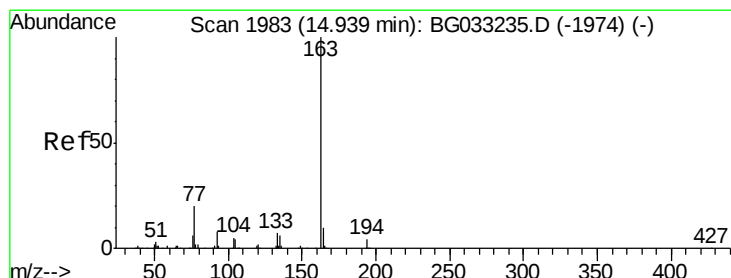
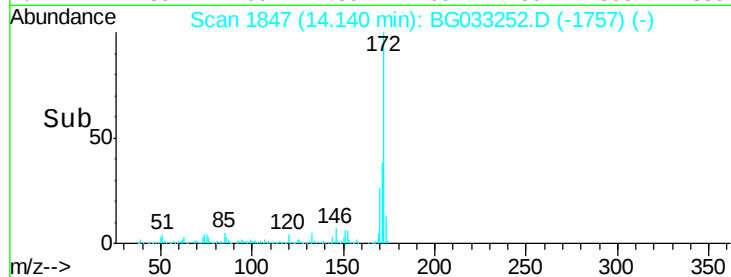
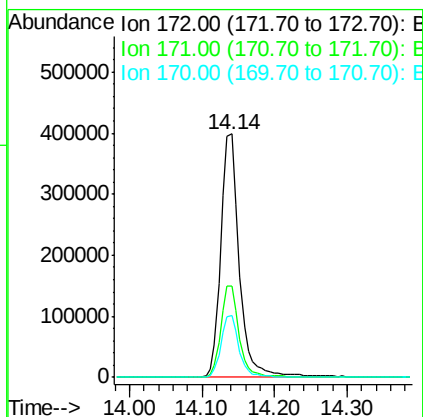
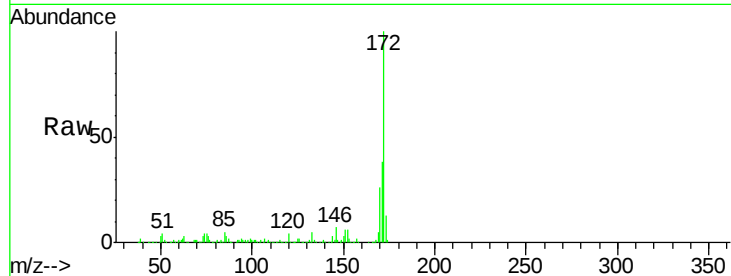




#44
2-Fluorobiphenyl
Concen: 91.597 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

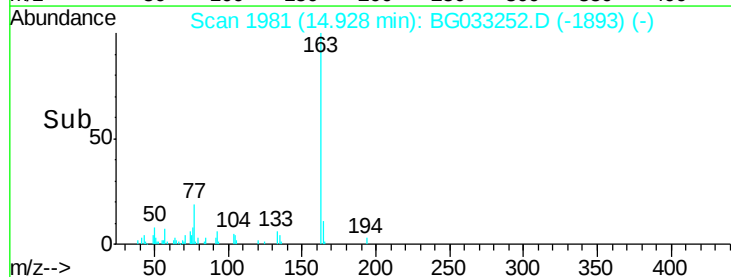
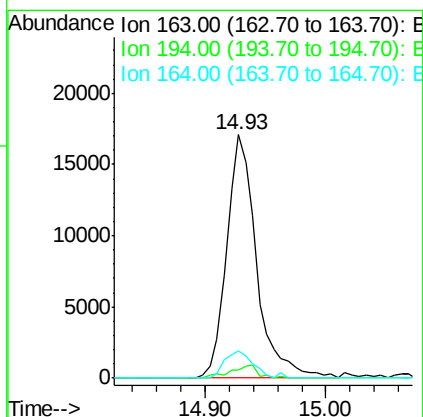
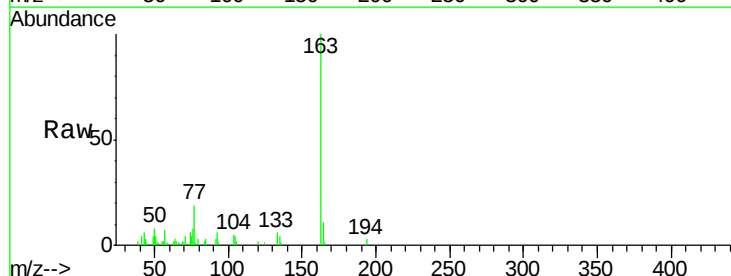
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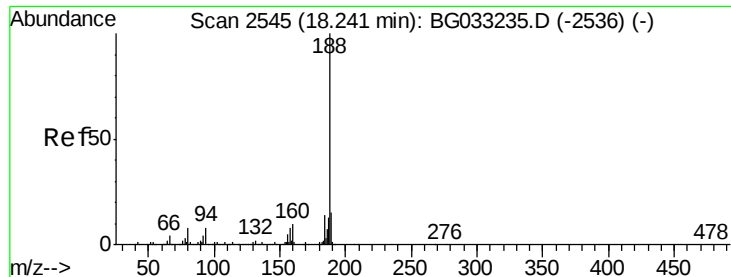
Tot Ion:172 Resp: 711160
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 25.6 19.5 29.3



#49
Dimethylphthalate
Concen: 3.018 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Tgt Ion:163 Resp: 29436
Ion Ratio Lower Upper
163 100
194 3.2 3.4 5.2#
164 11.2 8.2 12.4

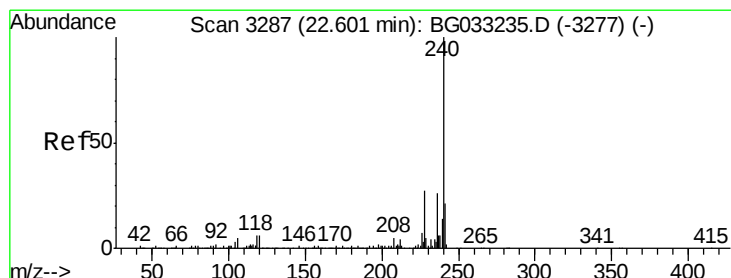
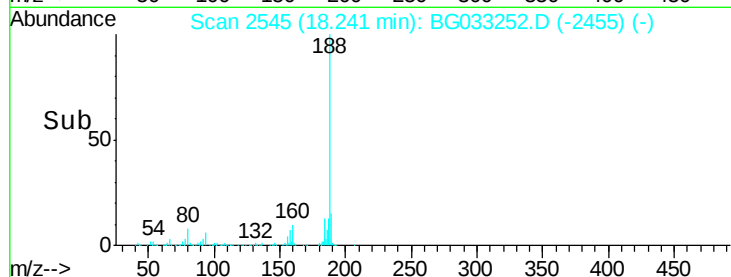
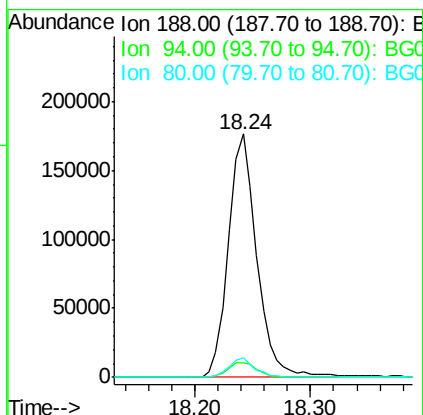
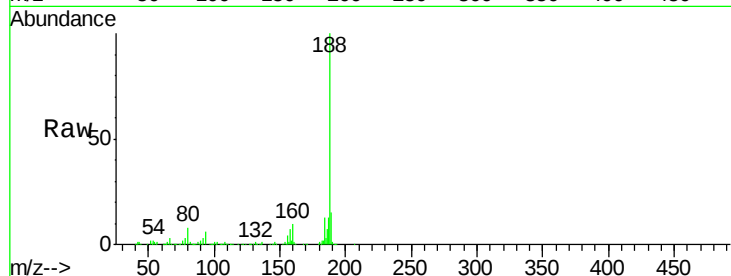




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

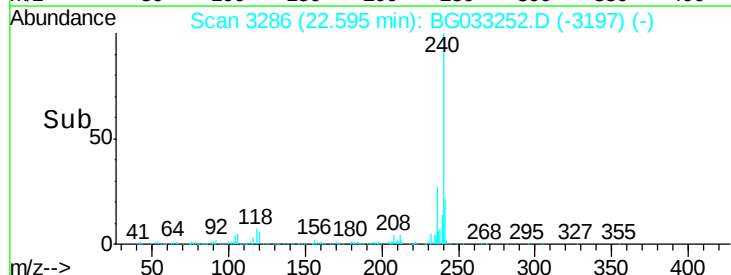
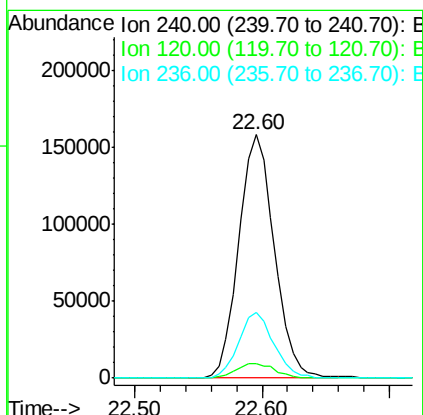
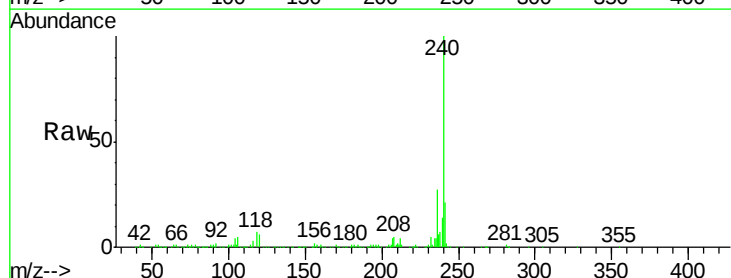
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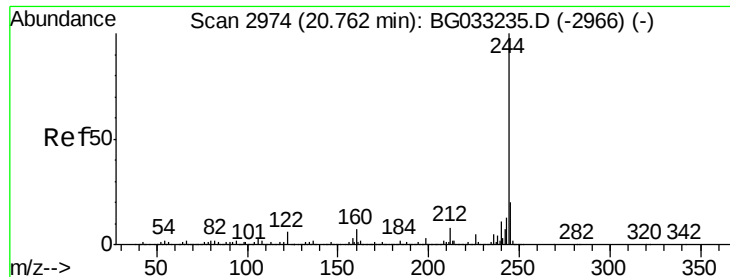
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.9	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	26.9	20.9	31.3





#78

Terphenyl-d14

Concen: 89.817 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

Instrument :

BNA_G

ClientSampleId :

031418-TIDO-F-U-B

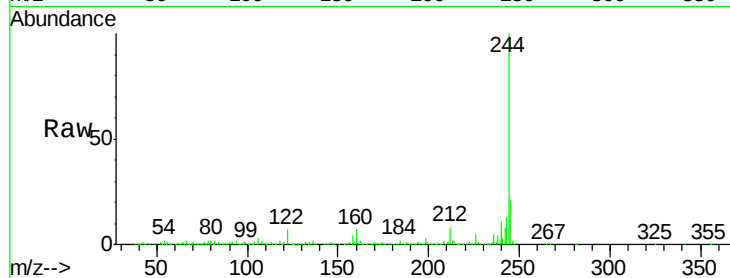
Tot Ion:244 Resp: 1292827

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

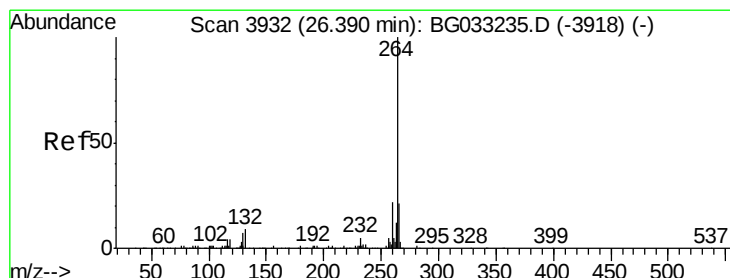
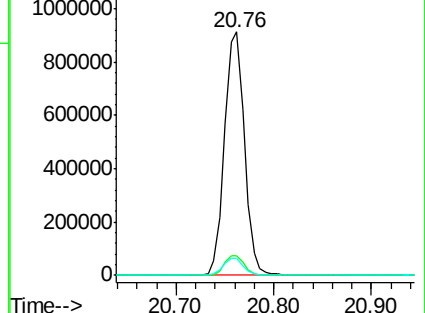
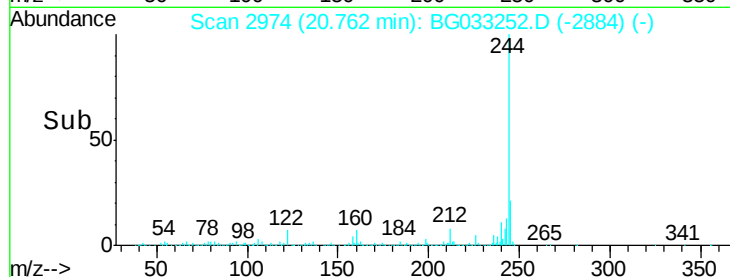
122 6.8 7.0 10.4#



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: 26.40 min Scan# 3933

Delta R.T. 0.00 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

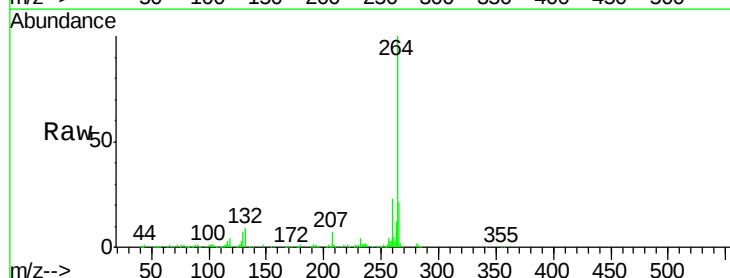
Tgt Ion:264 Resp: 318834

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 20.8 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

