

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033890.D
 Acq On : 20 Apr 2018 17:36
 Operator : SJ/JU
 Sample : J2480-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-118-1(15-17)

Quant Time: Apr 21 05:36:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

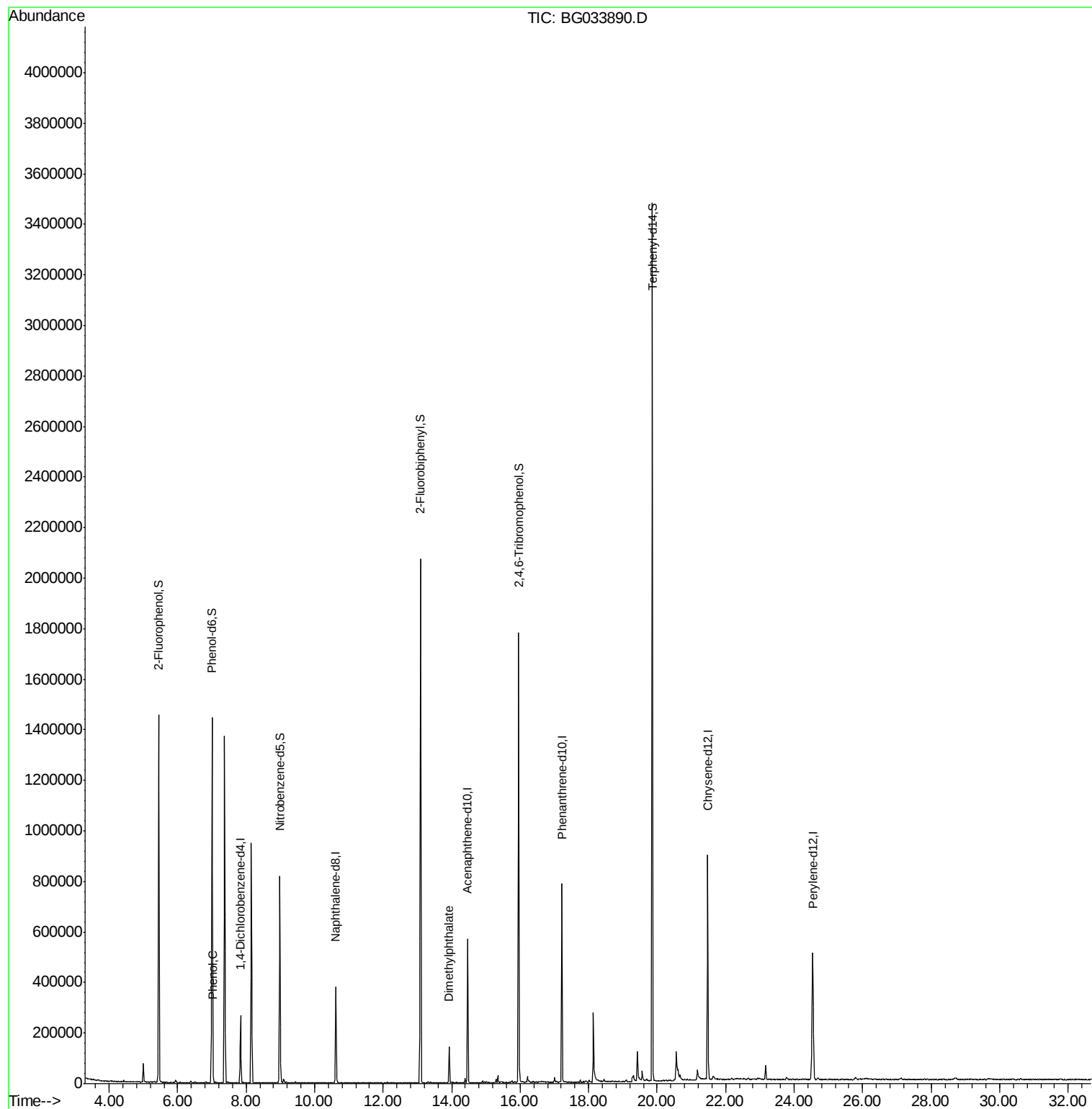
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	73924	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	309023	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	192598	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	477496	20.00	ng	0.00
75) Chrysene-d12	21.48	240	507077	20.00	ng	-0.02
86) Perylene-d12	24.54	264	510616	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	599405	129.45	ng	0.00
7) Phenol-d6	7.00	99	796952	118.01	ng	0.00
23) Nitrobenzene-d5	8.98	82	470104	86.57	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	311677	138.71	ng	0.00
44) 2-Fluorobiphenyl	13.09	172	1061308	80.95	ng	0.00
78) Terphenyl-d14	19.85	244	1634719	72.43	ng	0.00
Target Compounds						
10) Phenol	7.03	94	15541	2.246	ng	Qvalue 96
49) Dimethylphthalate	13.93	163	93400	5.513	ng	# 97

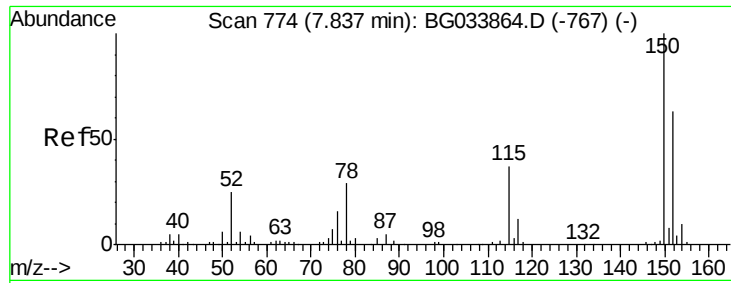
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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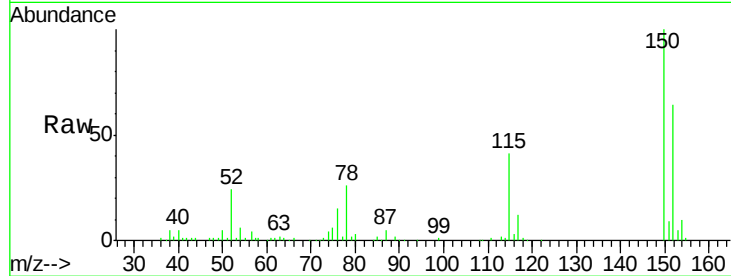


#1

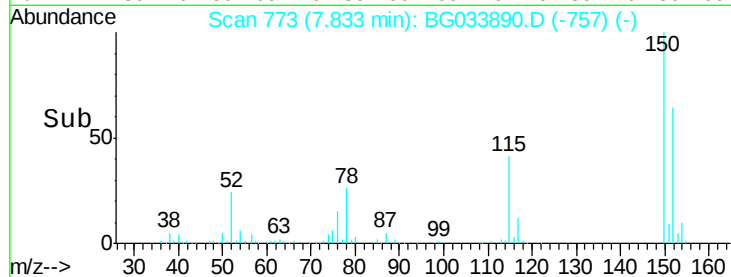
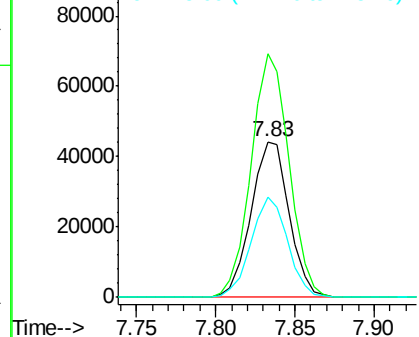
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.00 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

Tot Ion:152 Resp: 73924
Ion Ratio Lower Upper
152 100
150 156.3 126.6 189.8
115 64.0 53.0 79.4



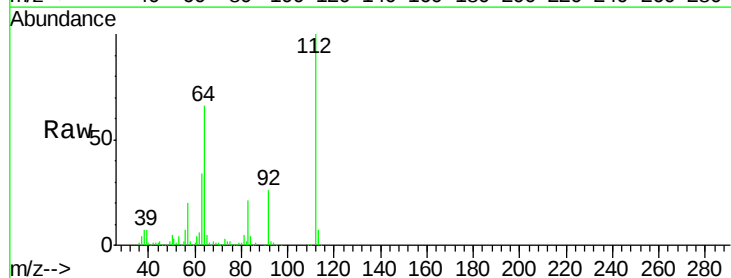
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



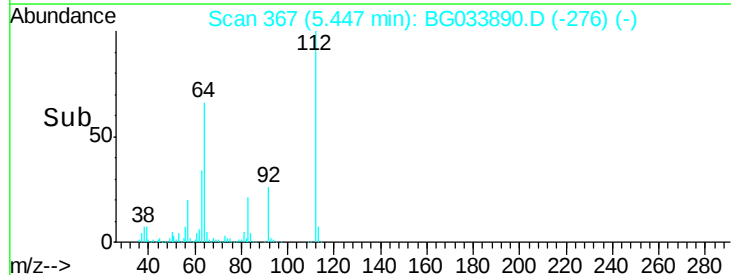
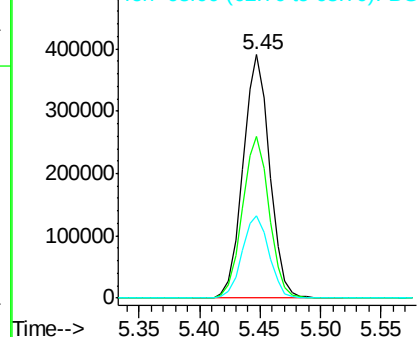
#5

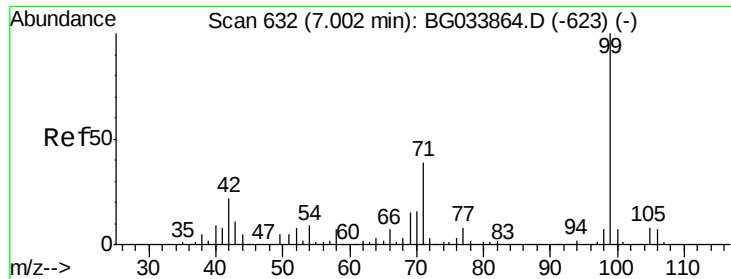
2-Fluorophenol
Concen: 129.453 ng
RT: 5.45 min Scan# 367
Delta R.T. 0.00 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:112 Resp: 599405
Ion Ratio Lower Upper
112 100
64 66.4 56.3 84.5
63 33.7 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: 118.005 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG033890.D

Acq: 20 Apr 2018 17:36

Instrument :

BNA_G

ClientSampleId :

EPE-118-1(15-17)

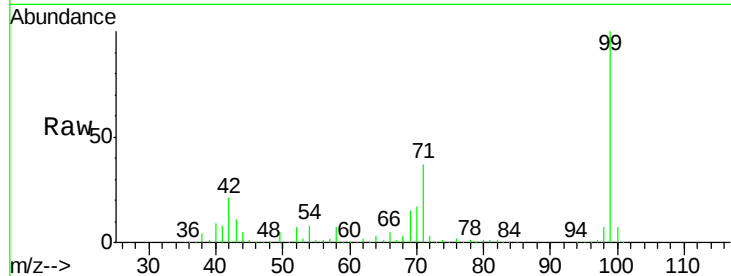
Tot Ion: 99 Resp: 796952

Ion Ratio Lower Upper

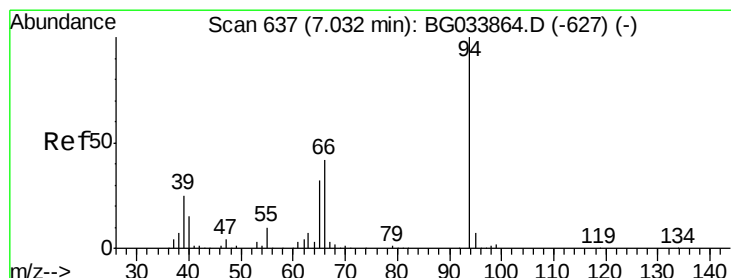
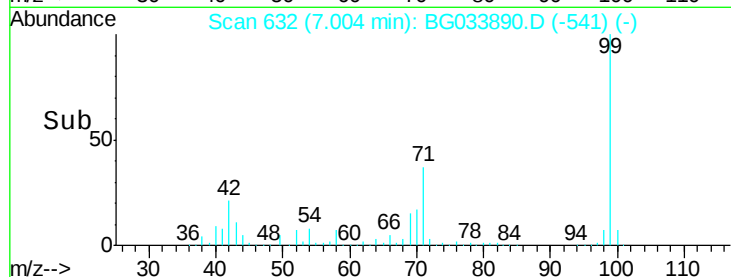
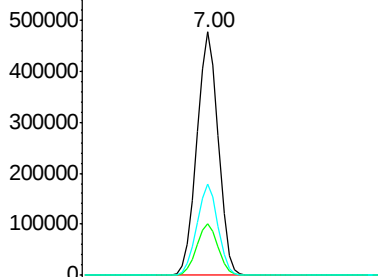
99 100

42 21.5 14.1 21.1#

71 37.4 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: 2.246 ng

RT: 7.03 min Scan# 637

Delta R.T. 0.00 min

Lab File: BG033890.D

Acq: 20 Apr 2018 17:36

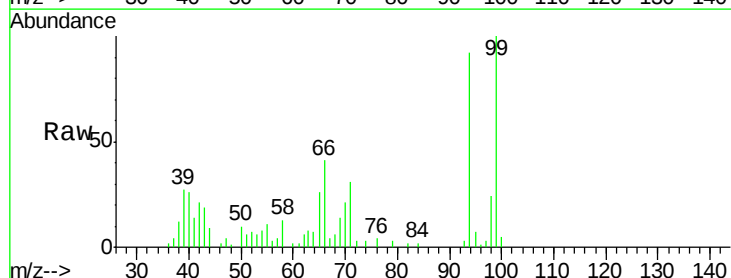
Tgt Ion: 94 Resp: 15541

Ion Ratio Lower Upper

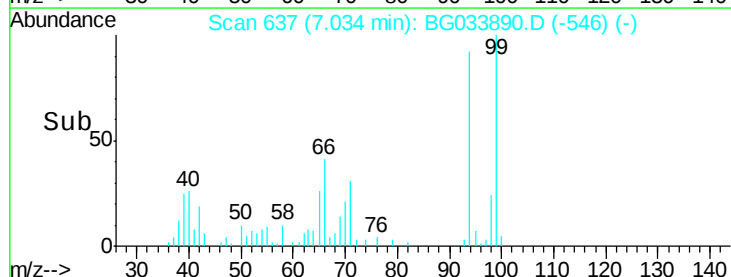
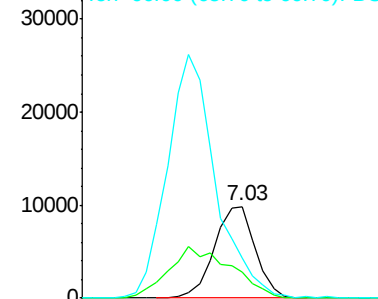
94 100

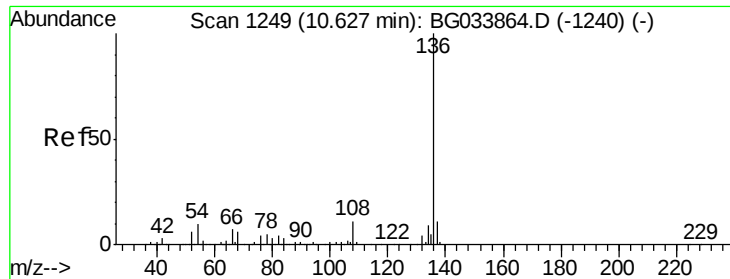
65 28.9 11.9 51.9

66 44.2 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

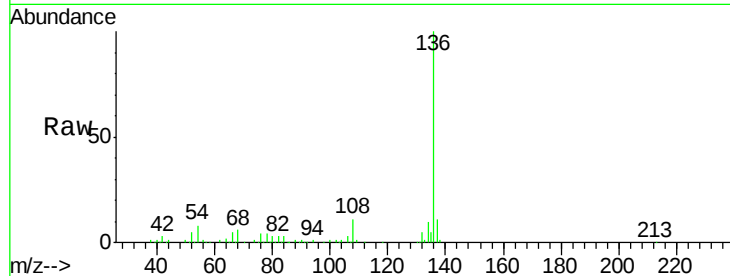




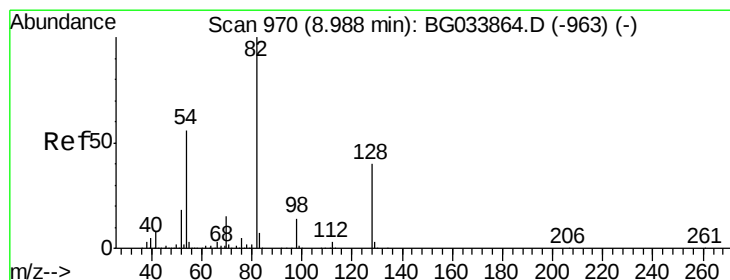
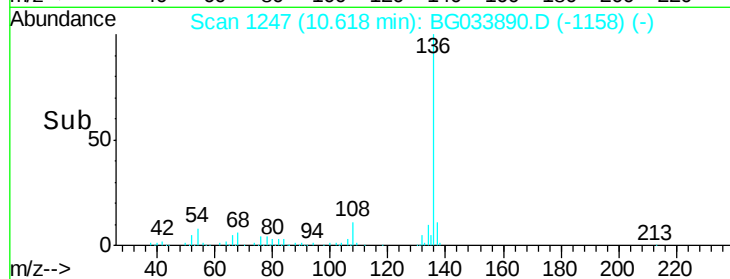
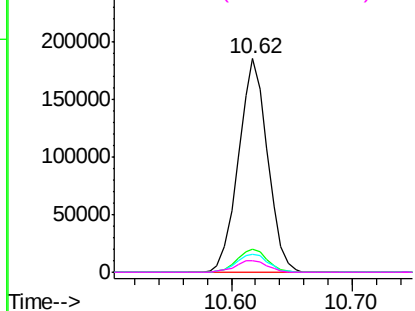
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

Tot Ion:136	Resp:	309023
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.2 13.8
54	8.4	10.3 15.5#
68	5.6	4.5 6.7

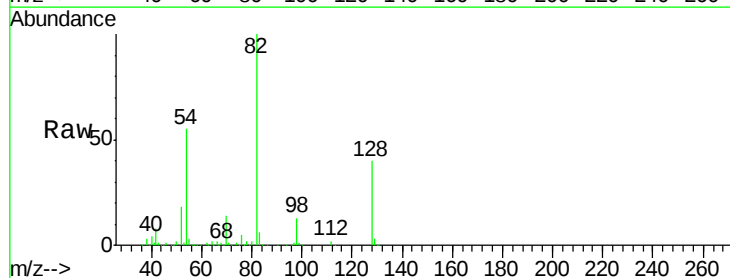


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

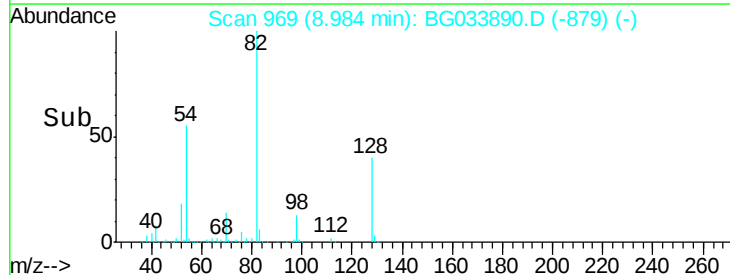
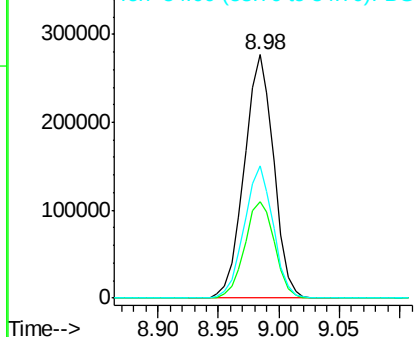


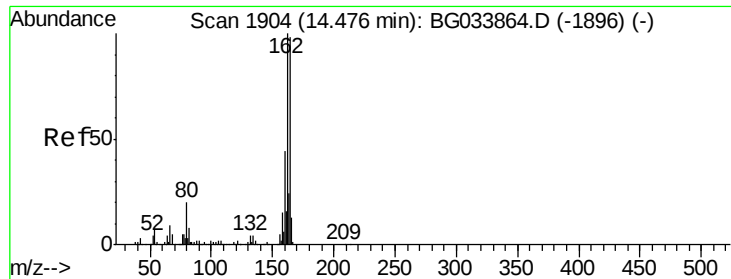
#23
Nitrobenzene-d5
Concen: 86.574 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion: 82	Resp:	470104
Ion	Ratio	Lower Upper
82	100	
128	39.8	29.7 44.5
54	54.5	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

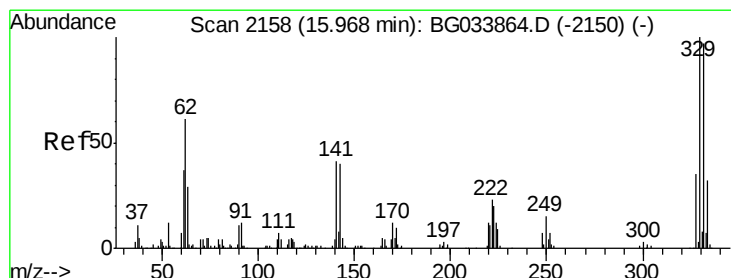
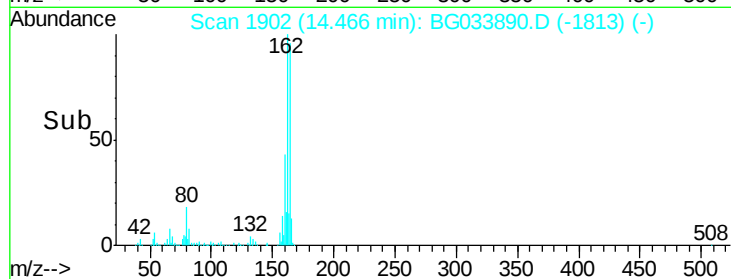
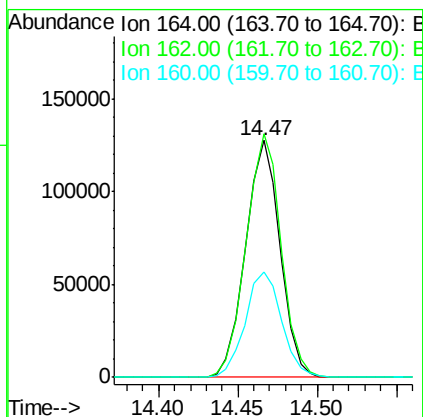
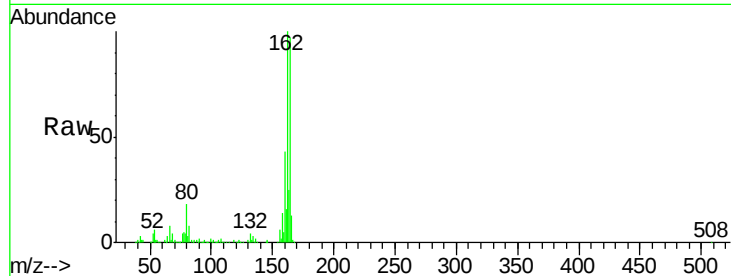




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

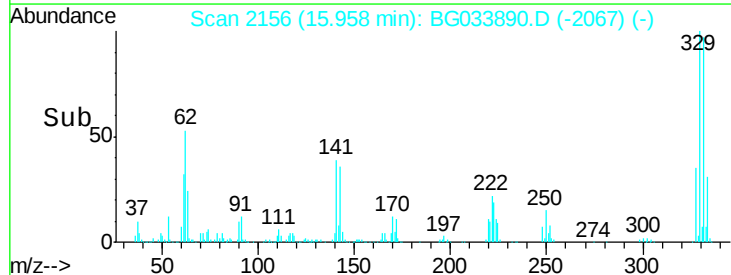
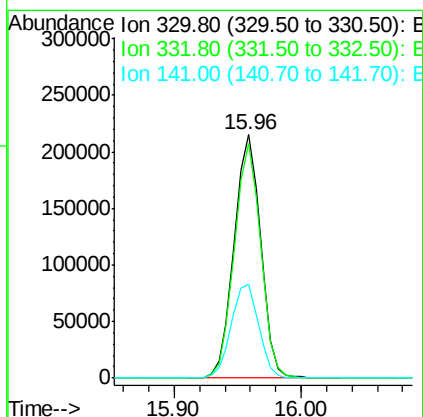
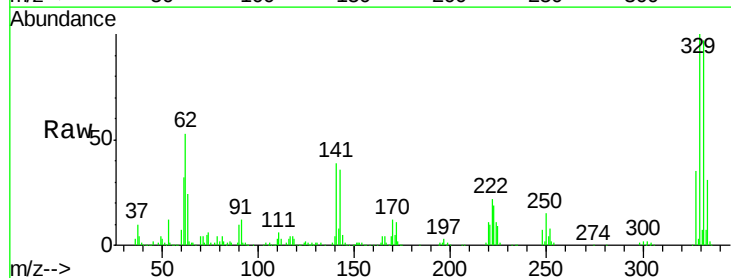
Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

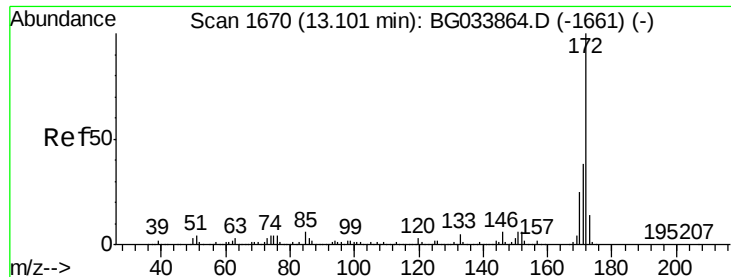
Tot Ion:164 Resp: 192598
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 44.7 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 138.710 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:330 Resp: 311677
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 40.0 25.2 37.8#

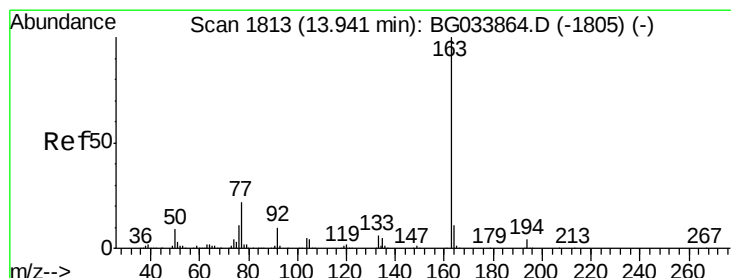
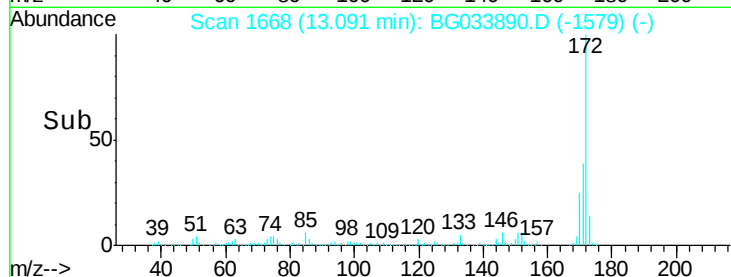
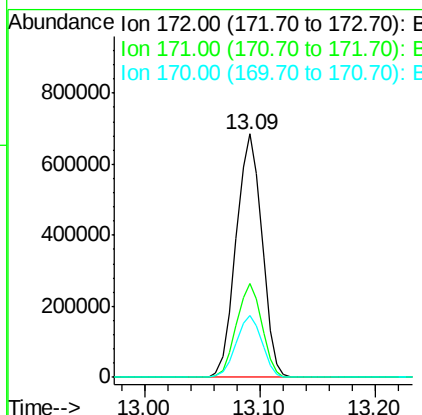
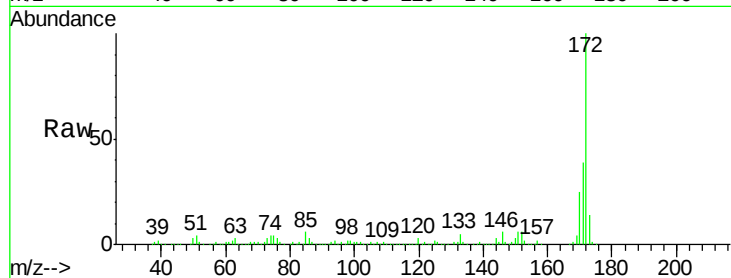




#44
2-Fluorobiphenyl
Concen: 80.950 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

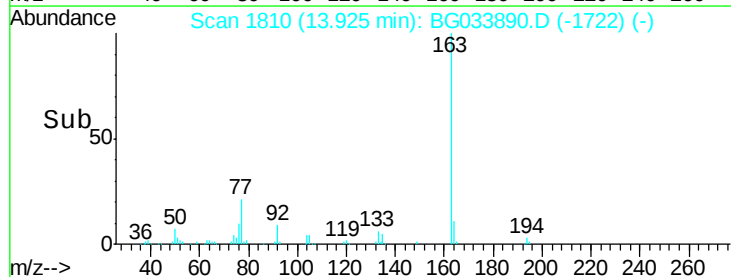
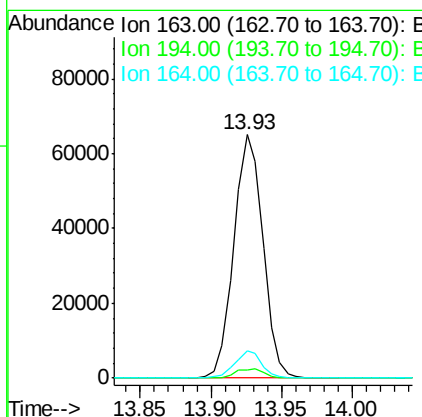
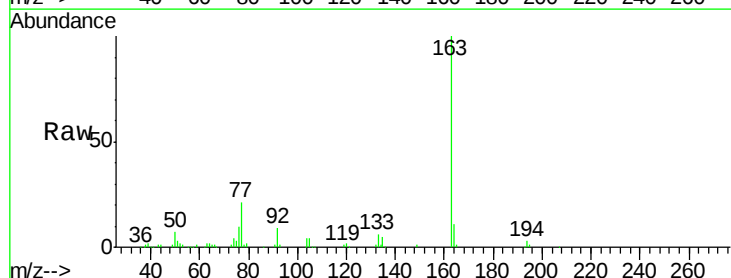
Instrument :
BNA_G
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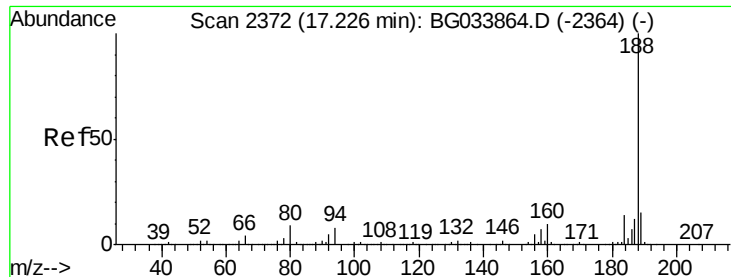
Tot Ion:172 Resp: 1061308
Ion Ratio Lower Upper
172 100
171 38.7 30.0 45.0
170 25.2 19.5 29.3



#49
Dimethylphthalate
Concen: 5.513 ng
RT: 13.93 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:163 Resp: 93400
Ion Ratio Lower Upper
163 100
194 3.2 3.4 5.2#
164 11.3 8.2 12.4

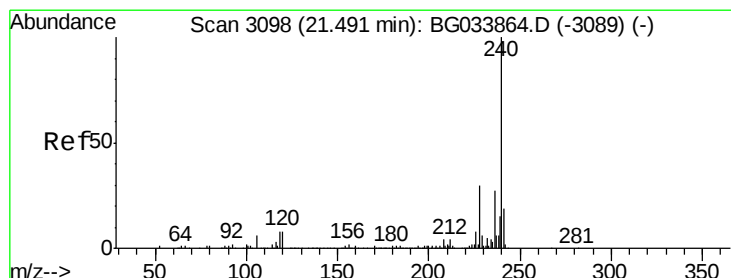
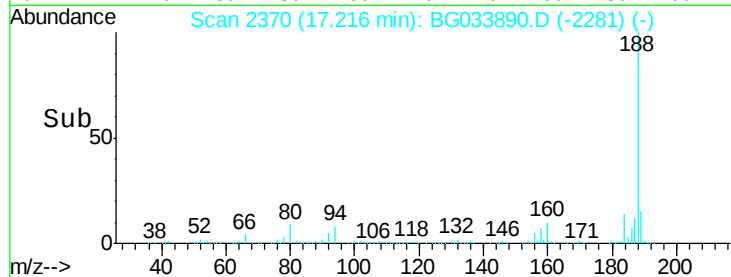
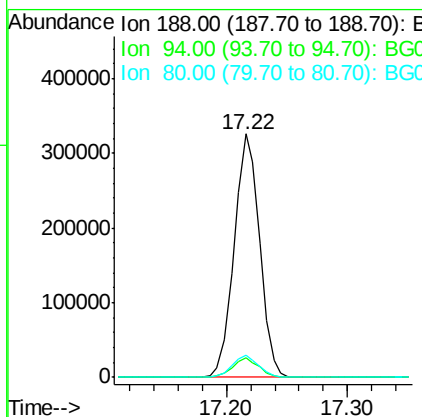
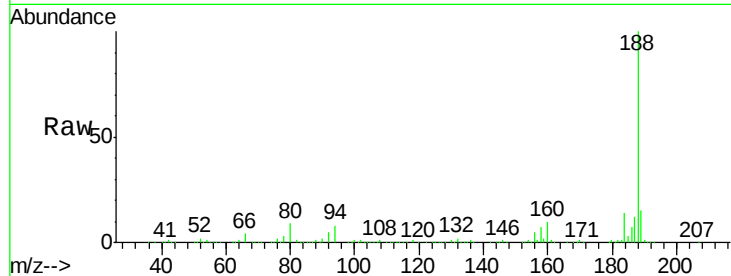




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

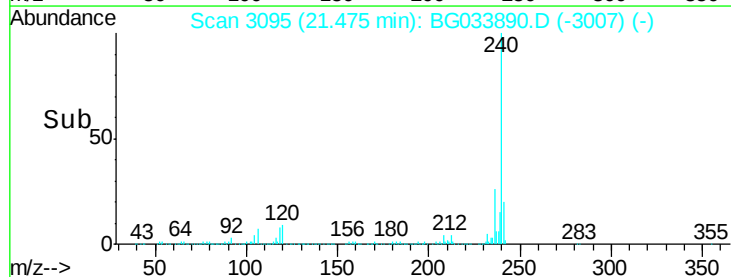
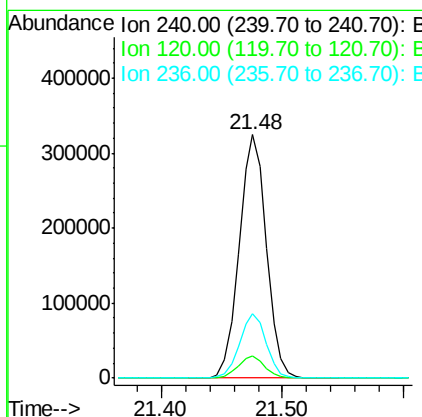
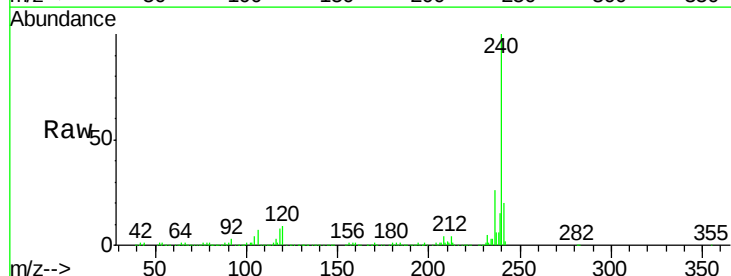
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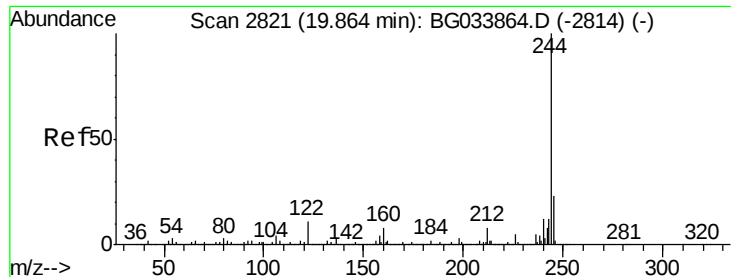
Tot Ion:188 Resp: 477496
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.48 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:240 Resp: 507077
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 72.427 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033890.D

Acq: 20 Apr 2018 17:36

Instrument :

BNA_G

ClientSampleId :

EPE-118-1(15-17)

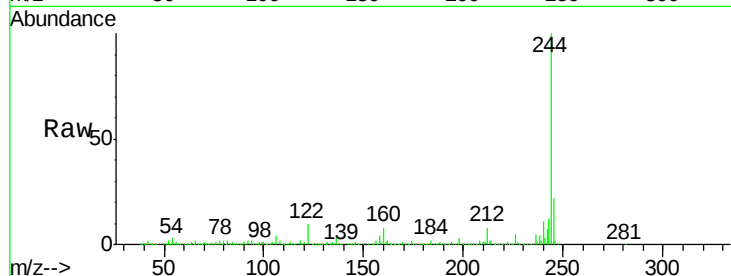
Tot Ion:244 Resp: 1634719

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

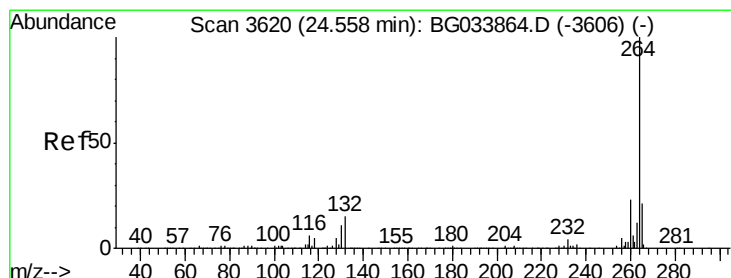
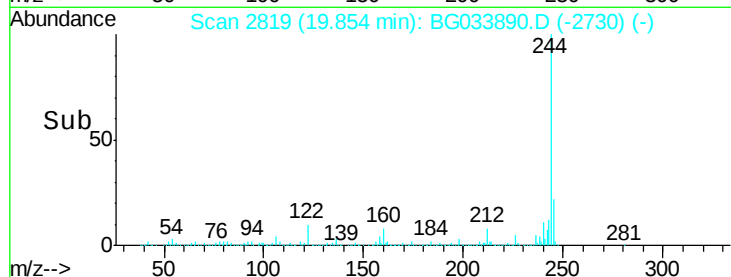
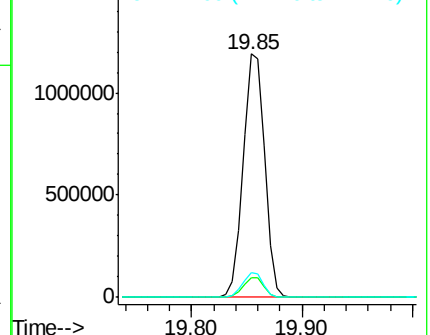
122 10.3 7.0 10.4



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: 24.54 min Scan# 3617

Delta R.T. -0.02 min

Lab File: BG033890.D

Acq: 20 Apr 2018 17:36

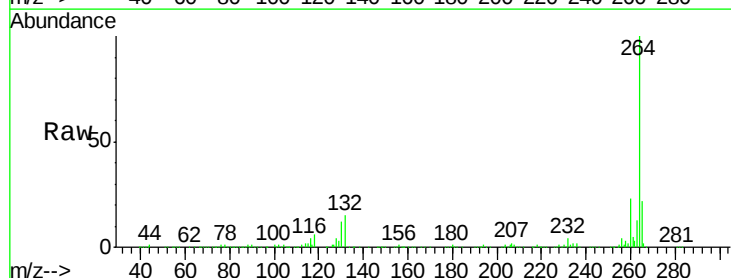
Tgt Ion:264 Resp: 510616

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.8 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

