

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033251.D
 Acq On : 19 Mar 2018 22:13
 Operator : SJ/JU
 Sample : J1953-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031418-TIDO-F-D-S

Quant Time: Mar 20 03:54:05 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

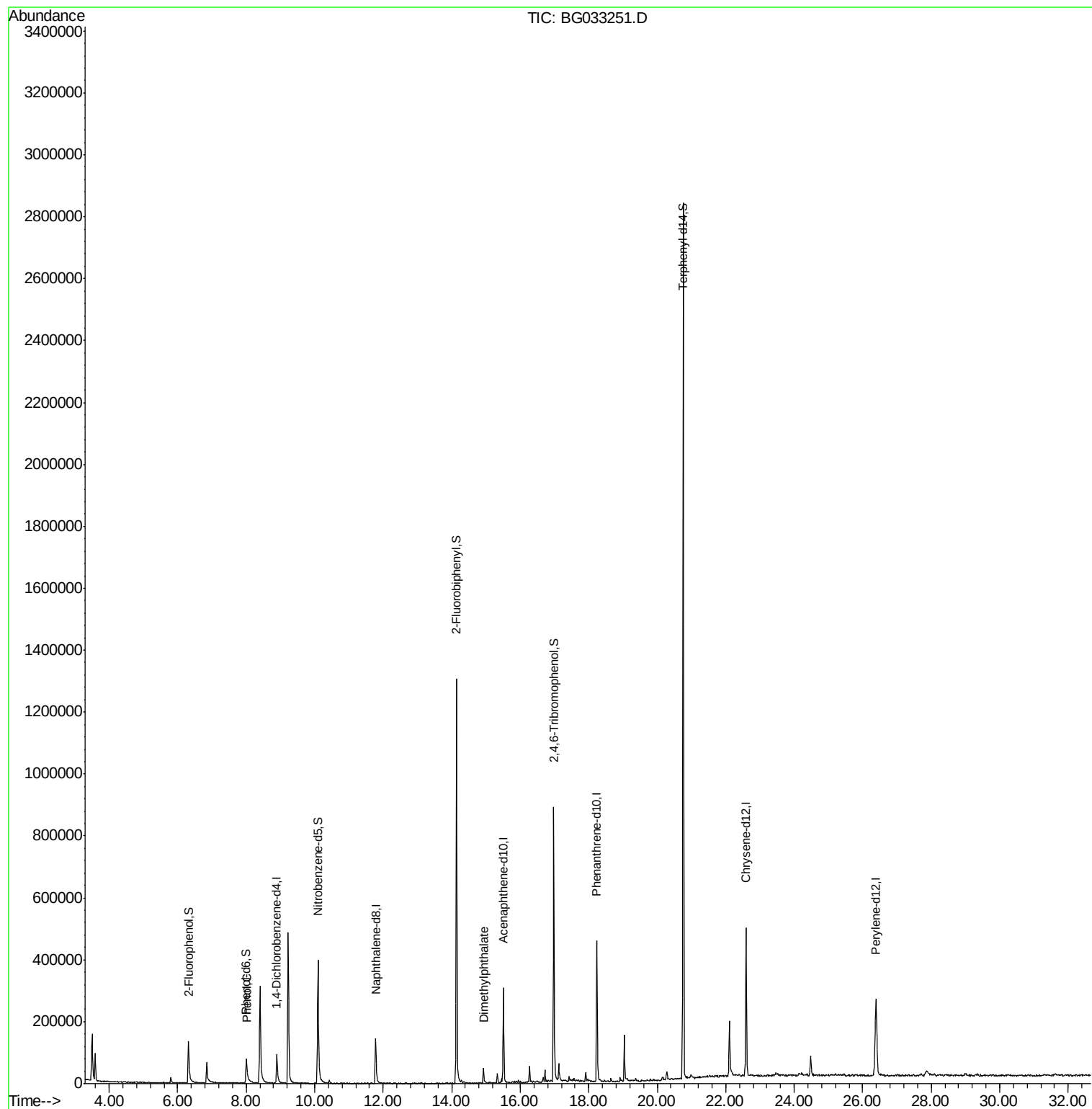
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	37083	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	154391	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	119256	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	331493	20.00	ng	0.00
75) Chrysene-d12	22.59	240	347972	20.00	ng	0.00
86) Perylene-d12	26.39	264	358459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	77083	38.98	ng	0.00
7) Phenol-d6	8.00	99	73019	21.49	ng	0.00
23) Nitrobenzene-d5	10.09	82	318308	94.72	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	179463	100.62	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	777685	94.14	ng	0.00
78) Terphenyl-d14	20.76	244	1407286	86.49	ng	0.00
Target Compounds						
10) Phenol	8.03	94	7179	2.140	ng	# 54
49) Dimethylphthalate	14.93	163	35138	3.386	ng	# 96

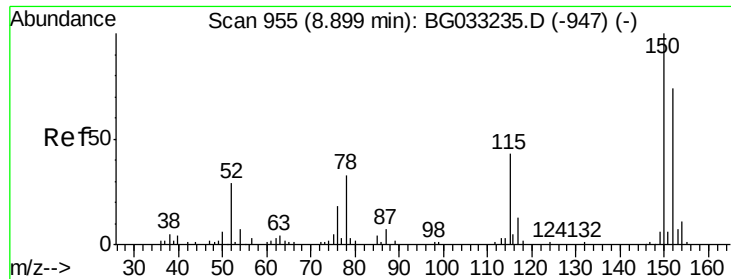
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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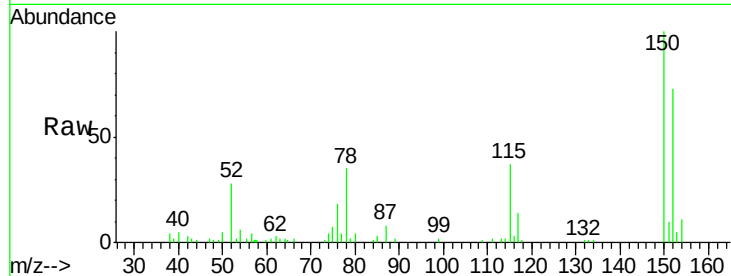


#1

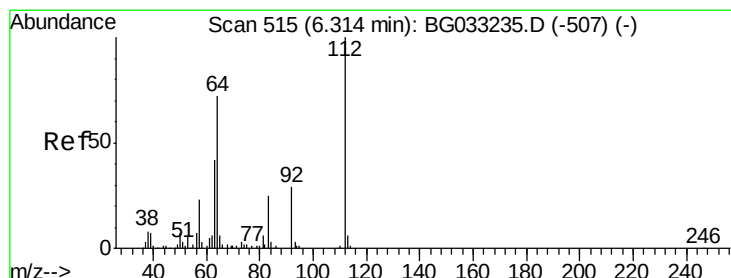
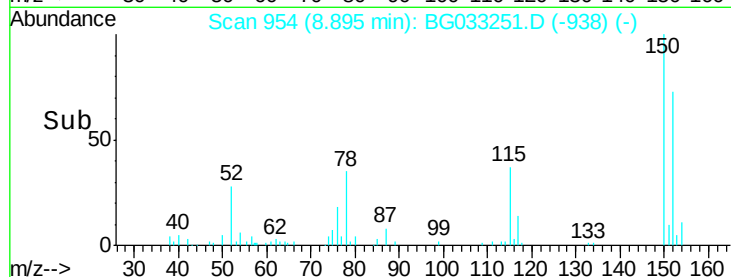
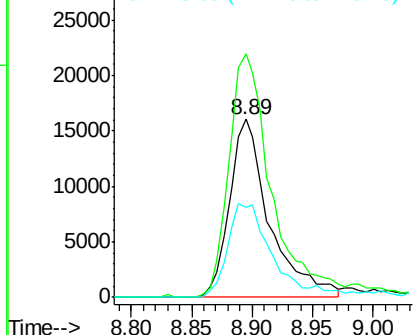
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033251.D
Acq: 19 Mar 2018 22:13

Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.7	126.6	189.8
115	50.6	53.0	79.4



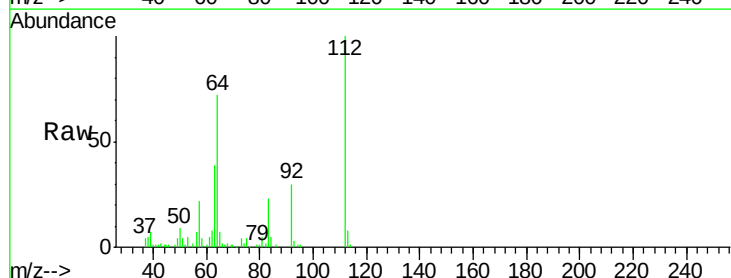
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



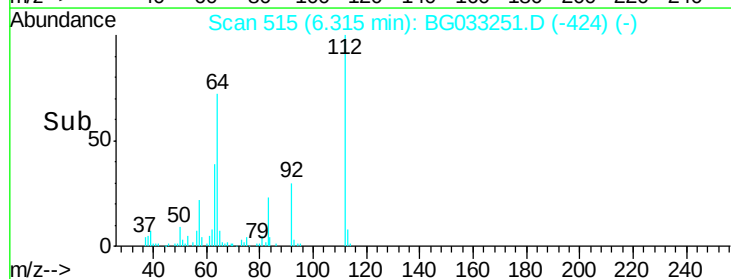
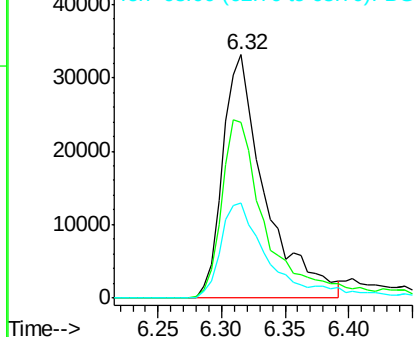
#5

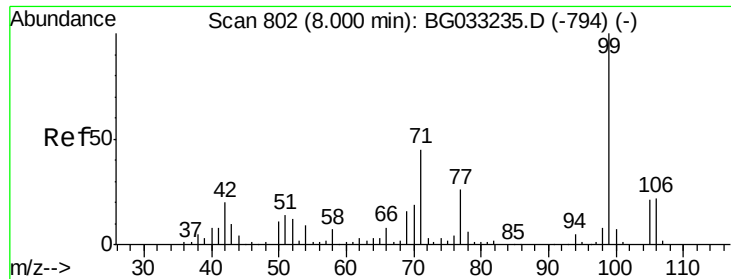
2-Fluorophenol
Concen: 38.977 ng
RT: 6.32 min Scan# 515
Delta R.T. 0.00 min
Lab File: BG033251.D
Acq: 19 Mar 2018 22:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	56.3	84.5
63	38.9	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: 21.489 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033251.D

Acq: 19 Mar 2018 22:13

Instrument :

BNA_G

ClientSampleId :

031418-TIDO-F-D-S

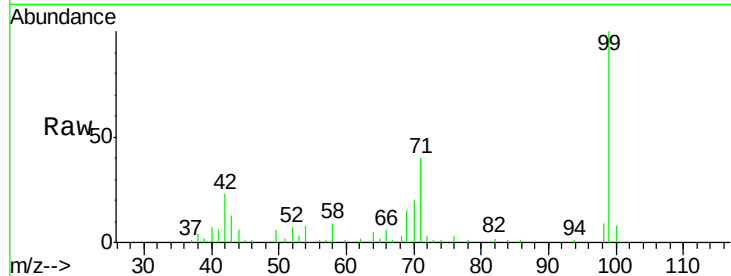
Tot Ion: 99 Resp: 73019

Ion Ratio Lower Upper

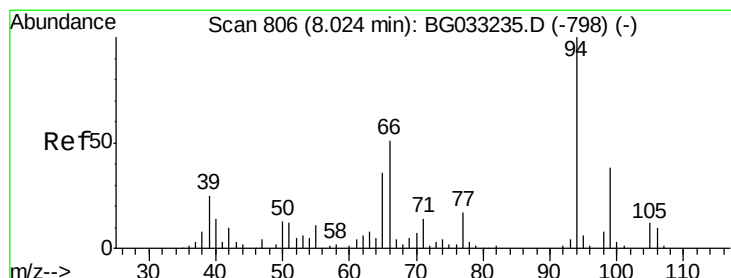
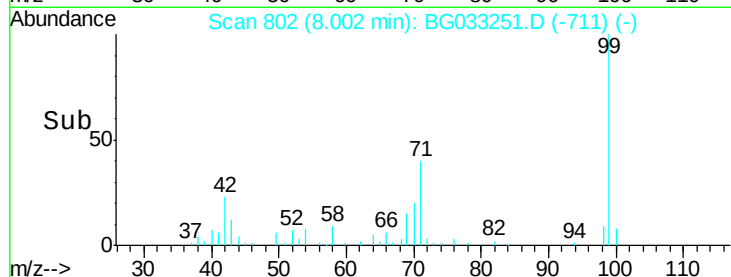
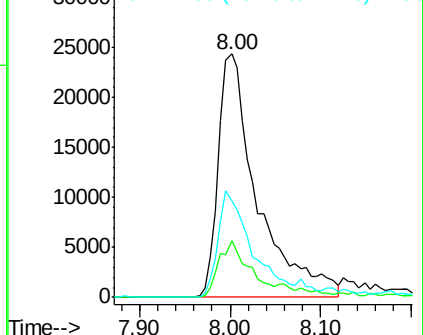
99 100

42 23.1 14.1 21.1#

71 39.6 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: 2.140 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG033251.D

Acq: 19 Mar 2018 22:13

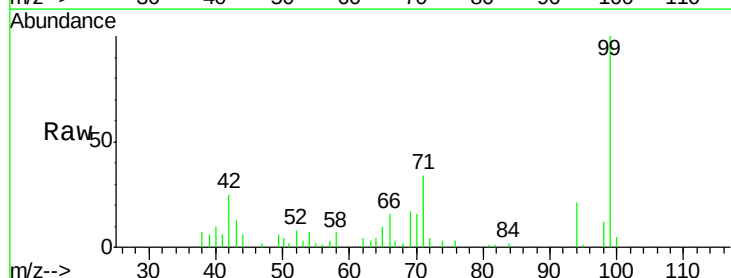
Tgt Ion: 94 Resp: 7179

Ion Ratio Lower Upper

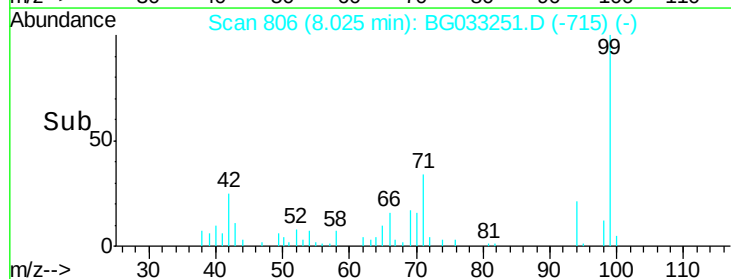
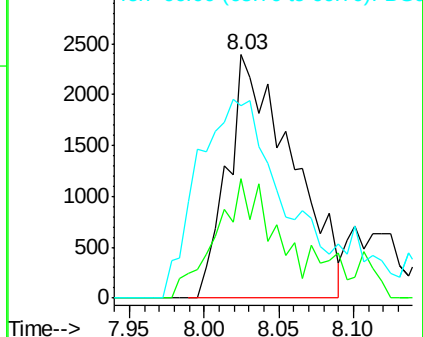
94 100

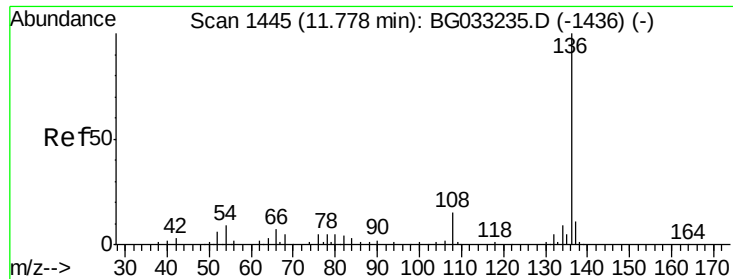
65 49.0 11.9 51.9

66 79.0 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

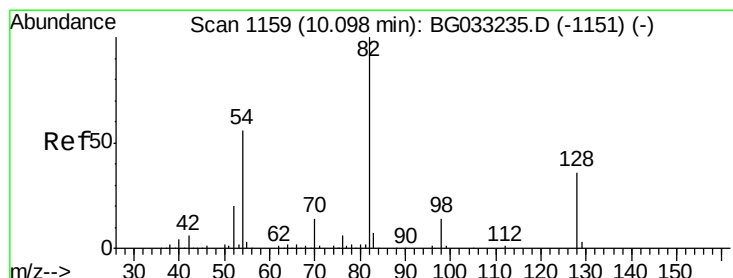
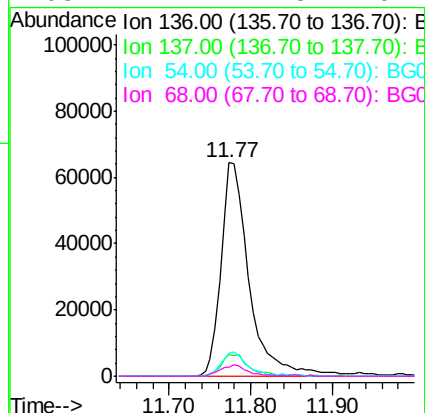
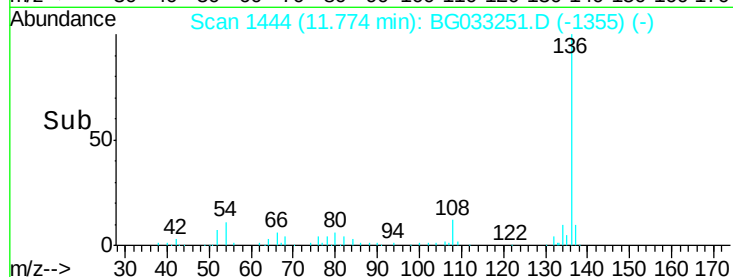
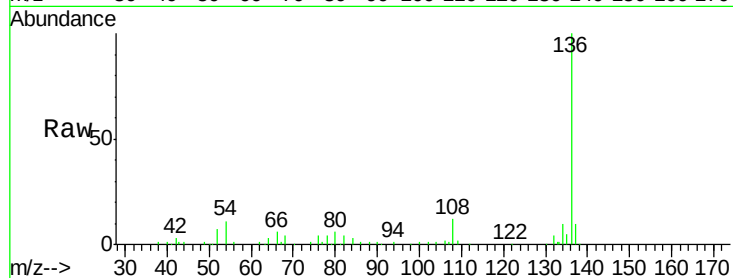




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033251.D
Acq: 19 Mar 2018 22:13

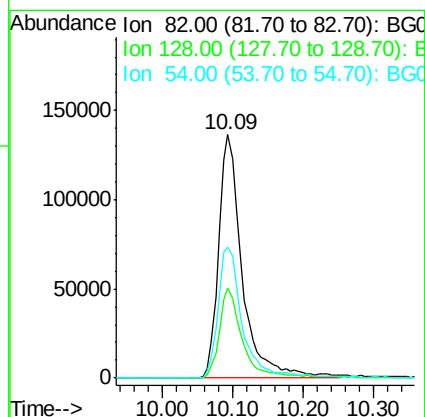
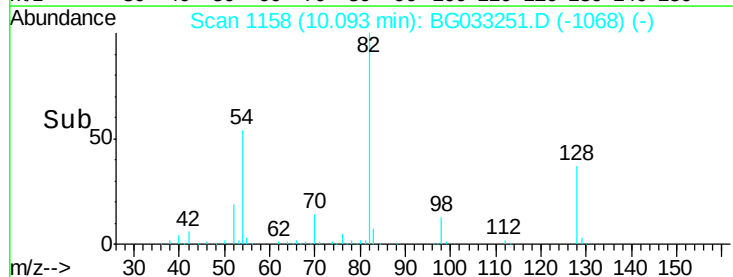
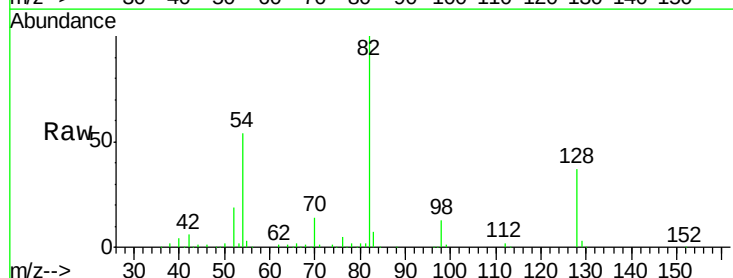
Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-D-S

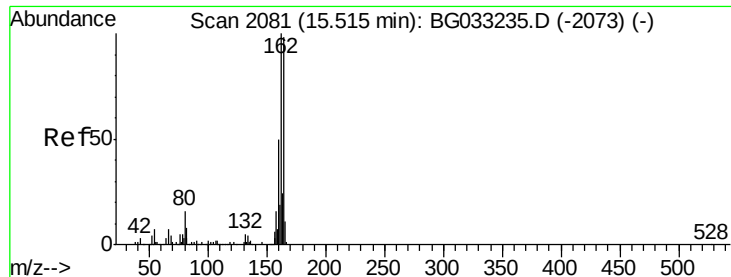
Tot Ion:136 Resp: 154391
Ion Ratio Lower Upper
136 100
137 10.1 9.2 13.8
54 10.7 10.3 15.5
68 4.1 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 94.723 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033251.D
Acq: 19 Mar 2018 22:13

Tgt Ion: 82 Resp: 318308
Ion Ratio Lower Upper
82 100
128 37.0 29.7 44.5
54 54.0 43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033251.D

Acq: 19 Mar 2018 22:13

Instrument :

BNA_G

ClientSampleId :

031418-TIDO-F-D-S

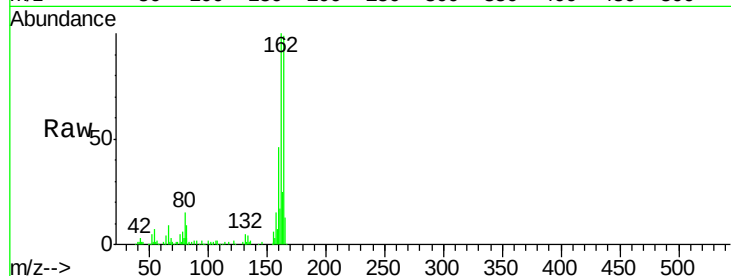
Tot Ion:164 Resp: 119256

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

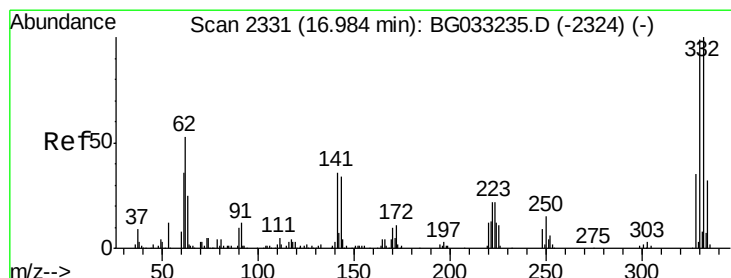
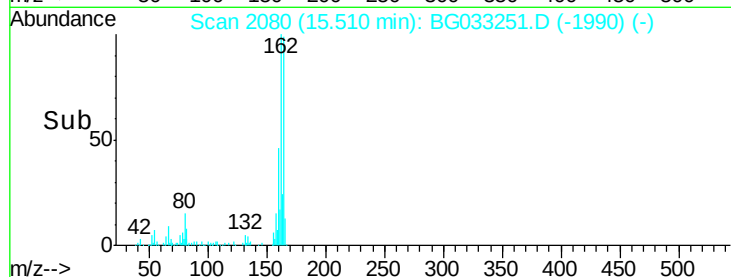
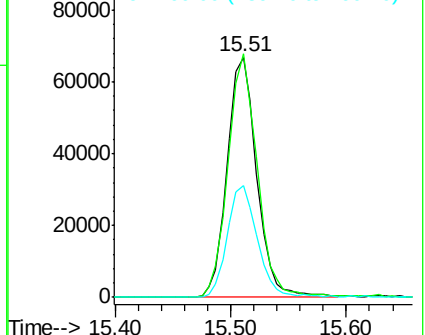
160 46.5 35.4 53.0



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: 100.618 ng

RT: 16.98 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BG033251.D

Acq: 19 Mar 2018 22:13

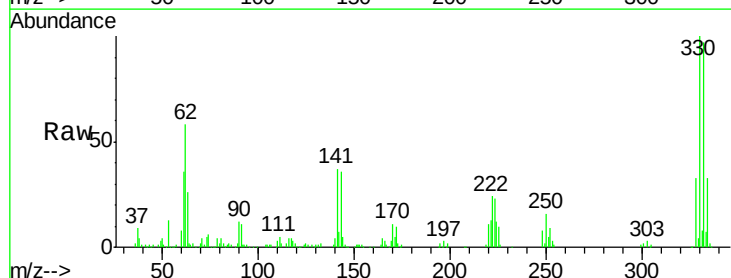
Tgt Ion:330 Resp: 179463

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

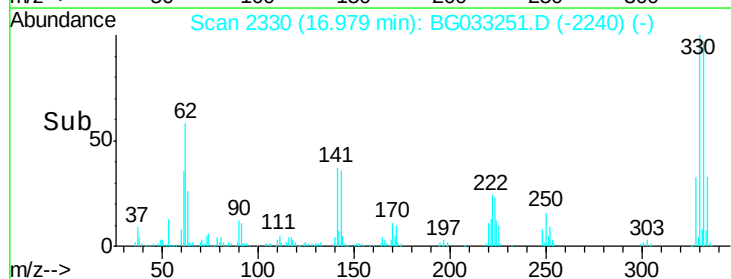
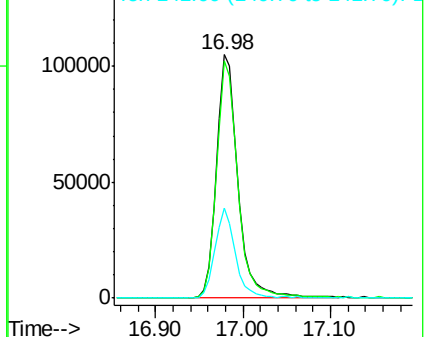
141 35.4 25.2 37.8

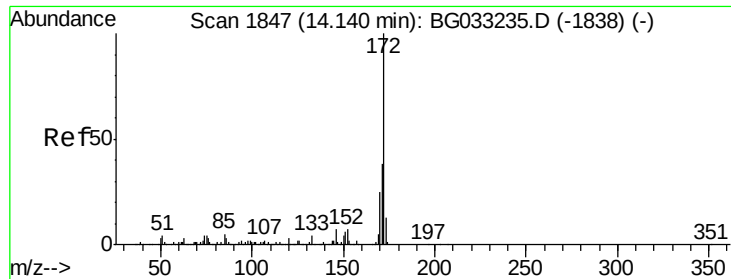


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

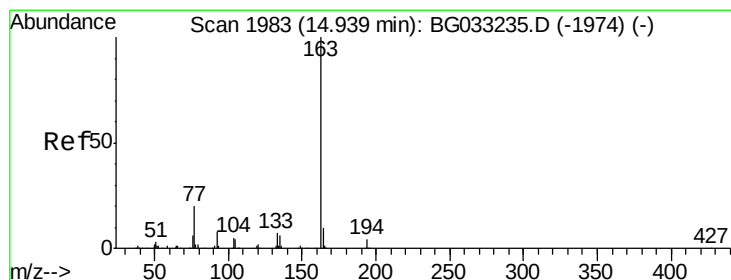
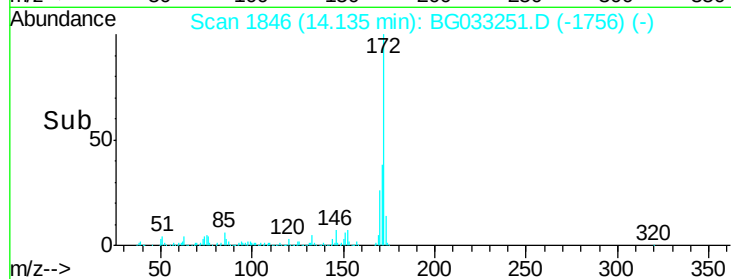
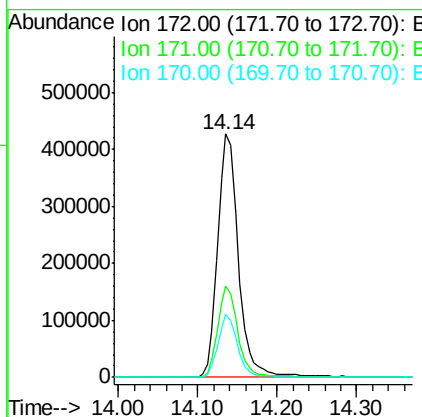
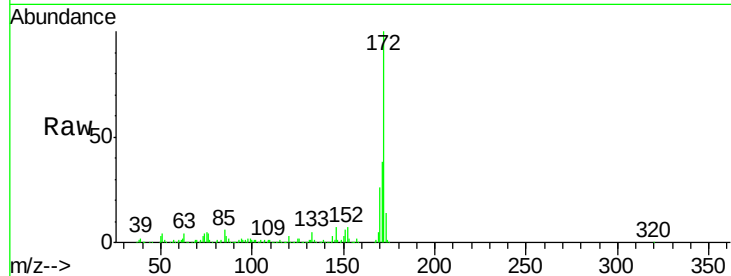




#44
2-Fluorobiphenyl
Concen: 94.141 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033251.D
Acq: 19 Mar 2018 22:13

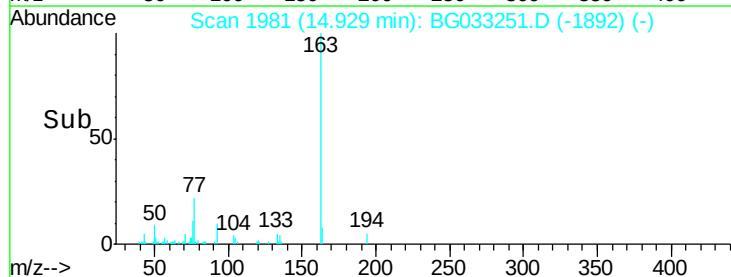
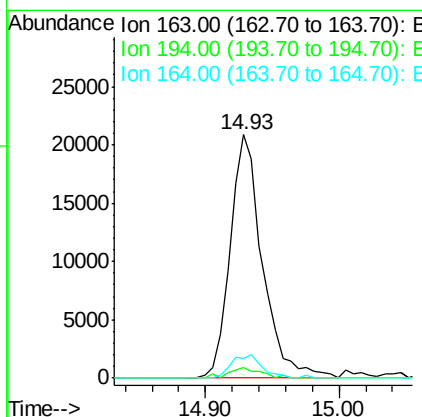
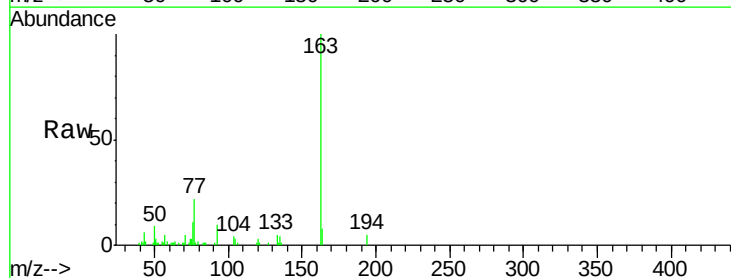
Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-D-S

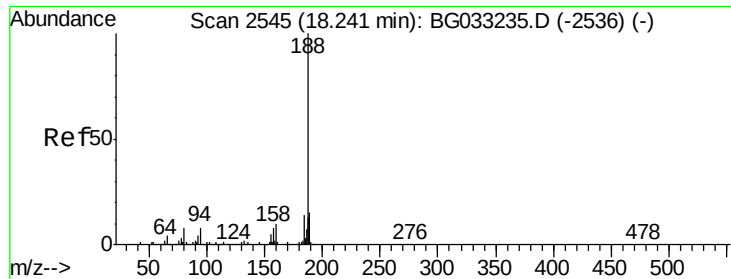
Tot Ion:172 Resp: 777685
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 26.0 19.5 29.3



#49
Dimethylphthalate
Concen: 3.386 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG033251.D
Acq: 19 Mar 2018 22:13

Tgt Ion:163 Resp: 35138
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 8.1 8.2 12.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BG033251.D

Acq: 19 Mar 2018 22:13

Instrument :

BNA_G

ClientSampleId :

031418-TIDO-F-D-S

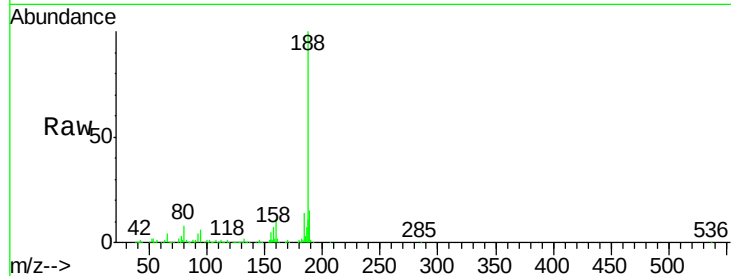
Tot Ion:188 Resp: 331493

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

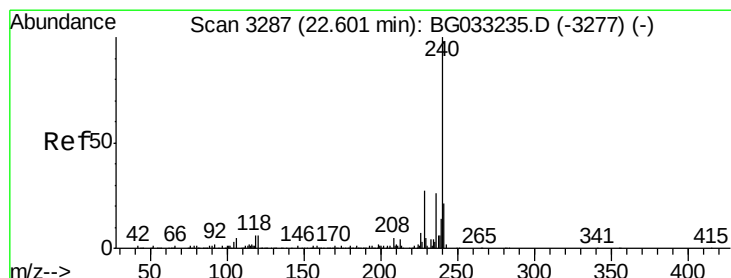
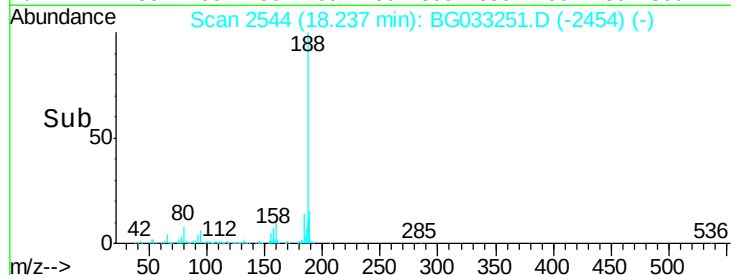
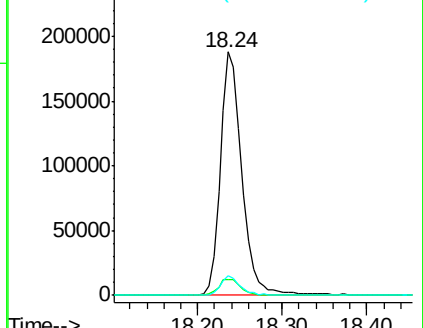
80 8.2 7.7 11.5



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033251.D

Acq: 19 Mar 2018 22:13

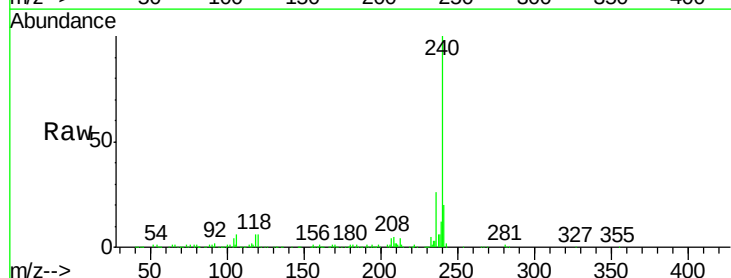
Tgt Ion:240 Resp: 347972

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

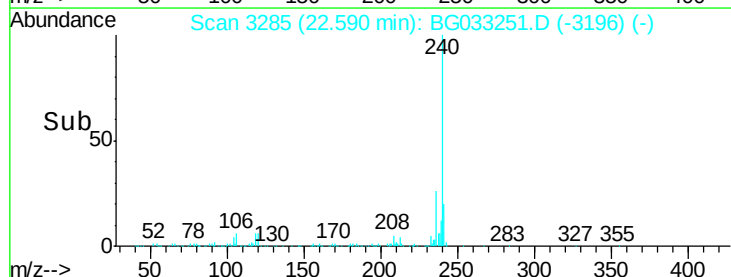
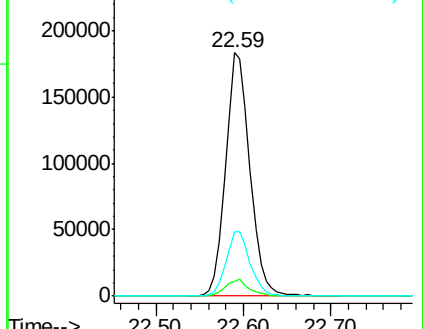
236 26.4 20.9 31.3

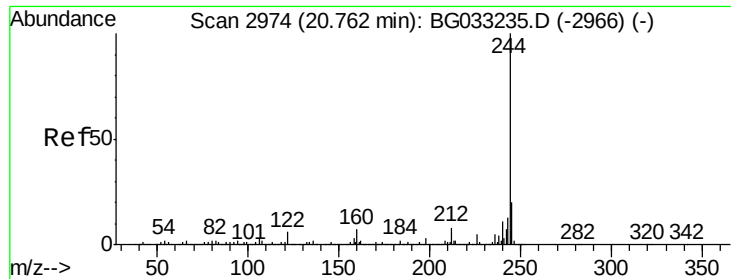


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.491 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033251.D

Acq: 19 Mar 2018 22:13

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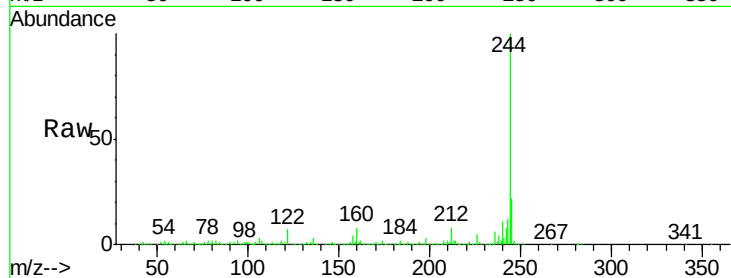
Tot Ion:244 Resp: 1407286

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

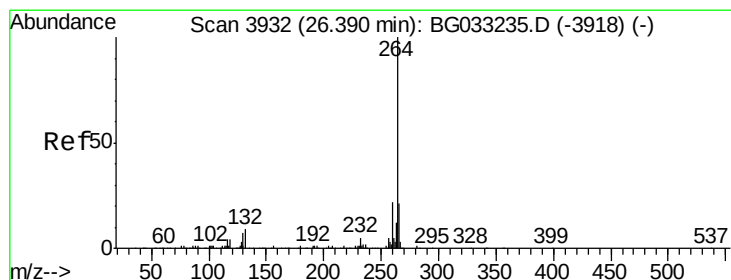
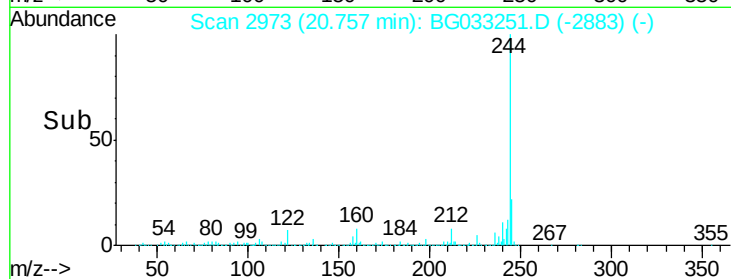
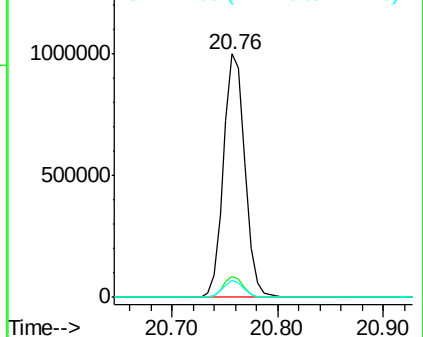
122 7.2 7.0 10.4



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: 26.39 min Scan# 3931

Delta R.T. -0.01 min

Lab File: BG033251.D

Acq: 19 Mar 2018 22:13

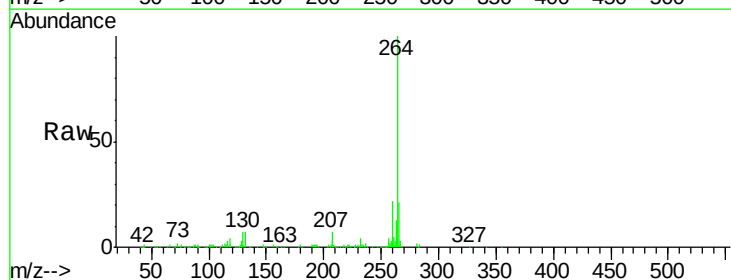
Tgt Ion:264 Resp: 358459

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 21.0 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

