

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033155.D
 Acq On : 14 Mar 2018 20:17
 Operator : SJ/JU
 Sample : J1898-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11B-COMP

Quant Time: Mar 15 03:51:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

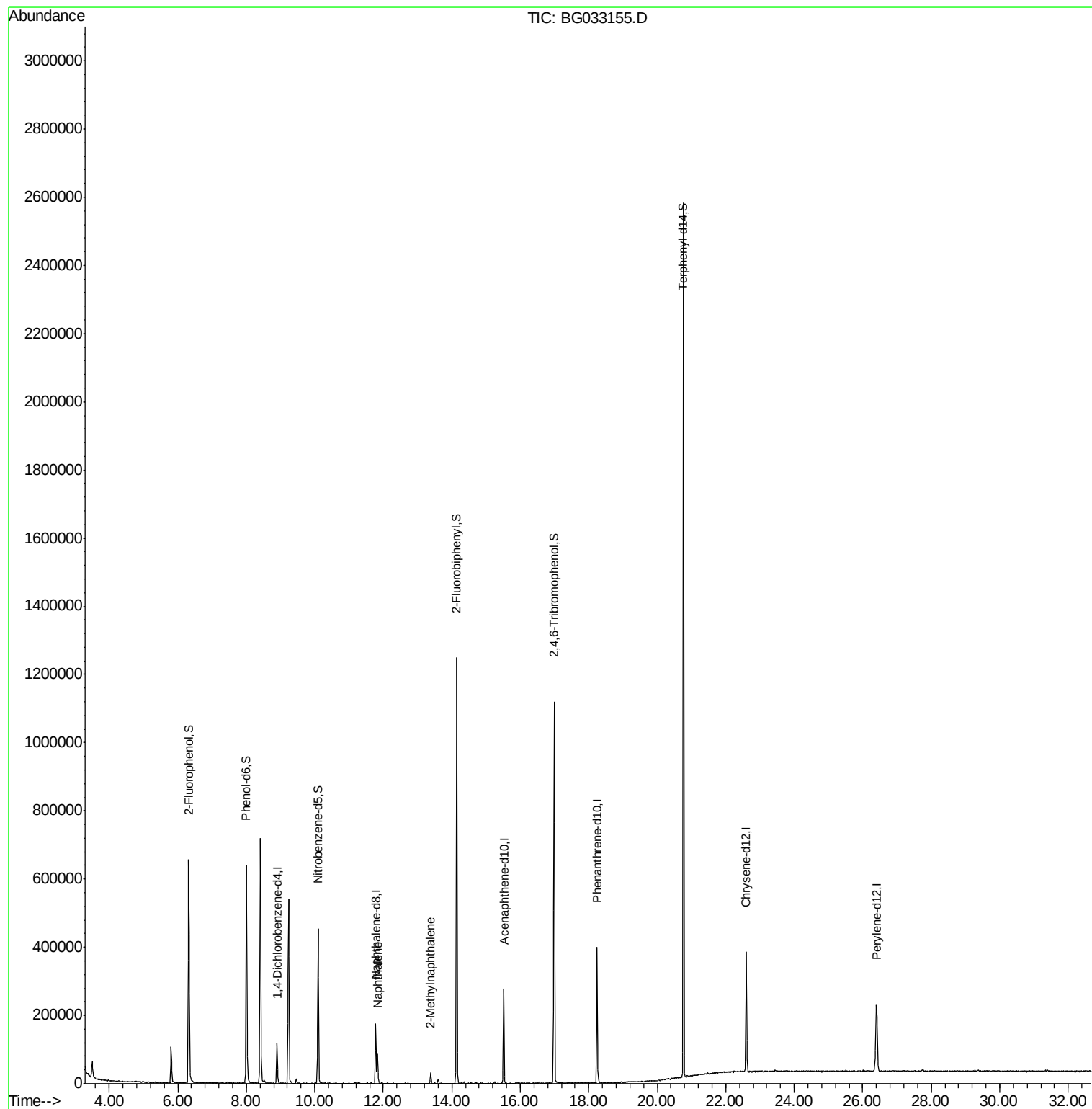
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	36638	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	153938	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	92464	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	243289	20.00	ng	0.00
75) Chrysene-d12	22.60	240	227792	20.00	ng	-0.01
86) Perylene-d12	26.40	264	239049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	324262	141.59	ng	0.00
7) Phenol-d6	8.01	99	396599	124.25	ng	0.00
23) Nitrobenzene-d5	10.10	82	285259	123.51	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	225536	231.98	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	642875	100.28	ng	0.00
78) Terphenyl-d14	20.76	244	1162507	114.66	ng	0.00
Target Compounds						
31) Naphthalene	11.84	128	79661	9.903	ng	99
37) 2-Methylnaphthalene	13.39	142	14742	2.533	ng	93

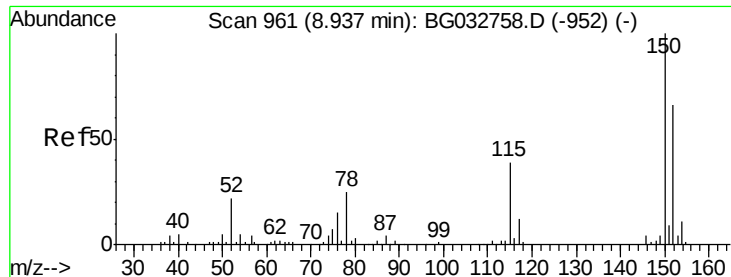
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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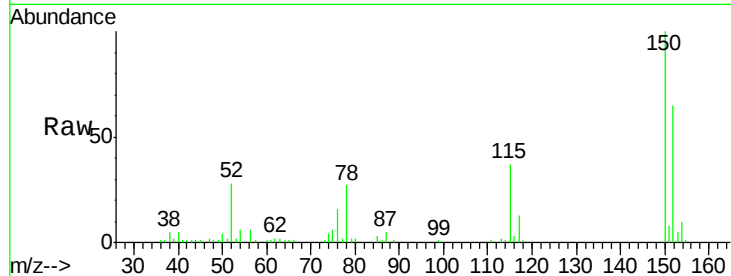


#1

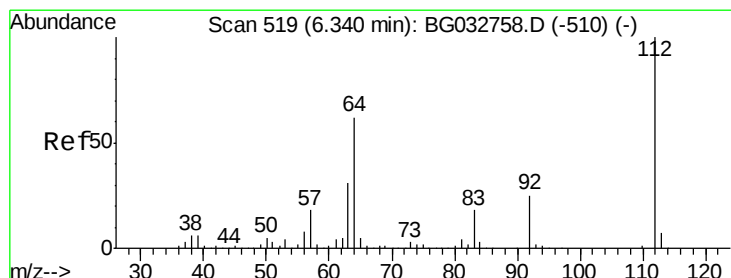
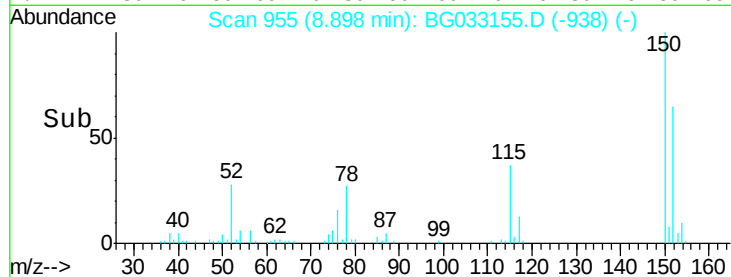
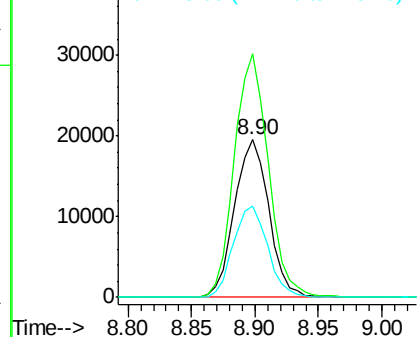
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033155.D
Acq: 14 Mar 2018 20:17

Instrument :
BNA_G
ClientSampleId :
TP-11B-COMP

Tot Ion:152 Resp: 36638
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 57.6 53.0 79.4



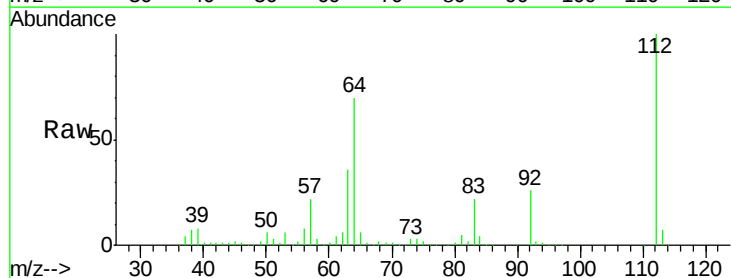
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



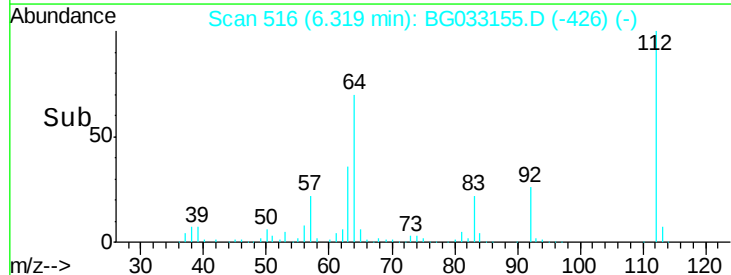
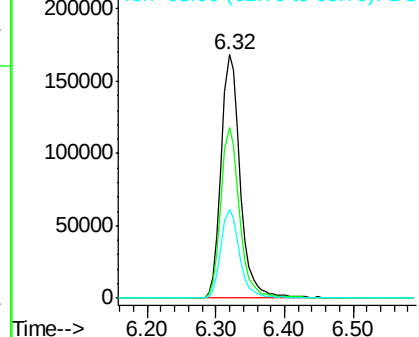
#5

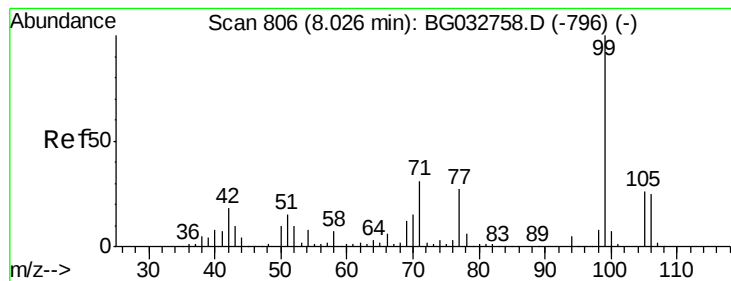
2-Fluorophenol
Concen: 141.594 ng
RT: 6.32 min Scan# 516
Delta R.T. 0.00 min
Lab File: BG033155.D
Acq: 14 Mar 2018 20:17

Tgt Ion:112 Resp: 324262
Ion Ratio Lower Upper
112 100
64 70.2 56.3 84.5
63 36.4 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: 124.246 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033155.D

Acq: 14 Mar 2018 20:17

Instrument :

BNA_G

ClientSampleId :

TP-11B-COMP

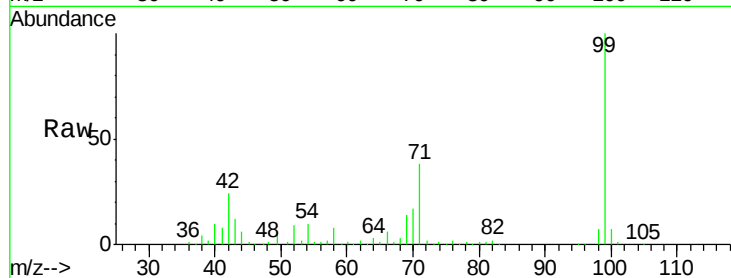
Tot Ion: 99 Resp: 396599

Ion Ratio Lower Upper

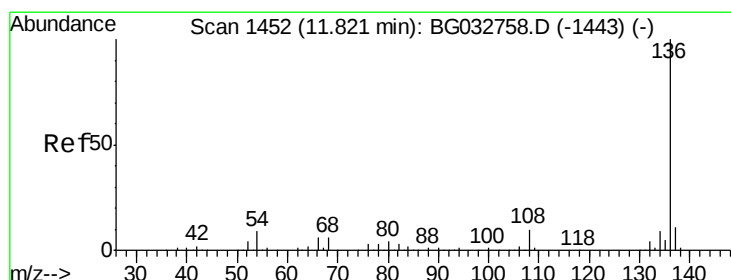
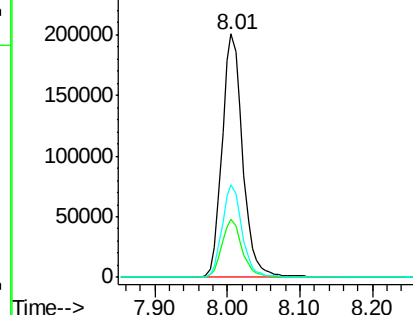
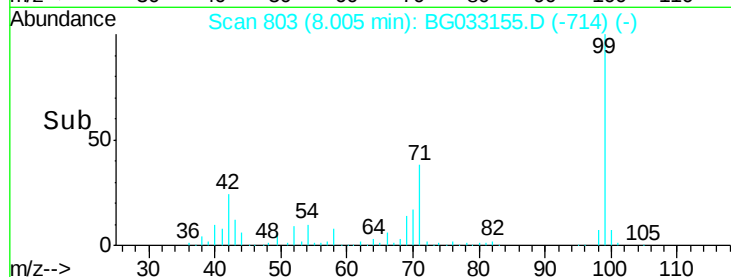
99 100

42 24.0 14.1 21.1#

71 37.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG033155.D

Acq: 14 Mar 2018 20:17

Tgt Ion:136 Resp: 153938

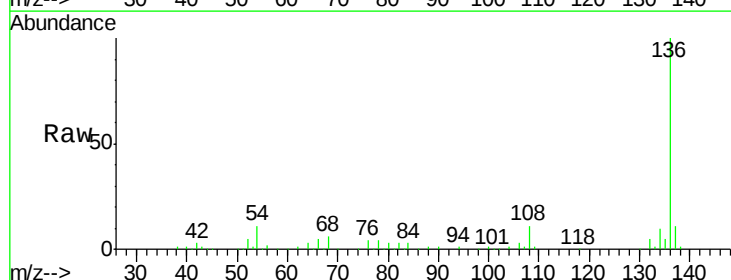
Ion Ratio Lower Upper

136 100

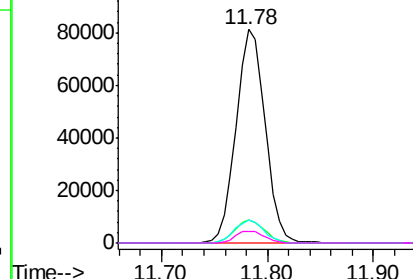
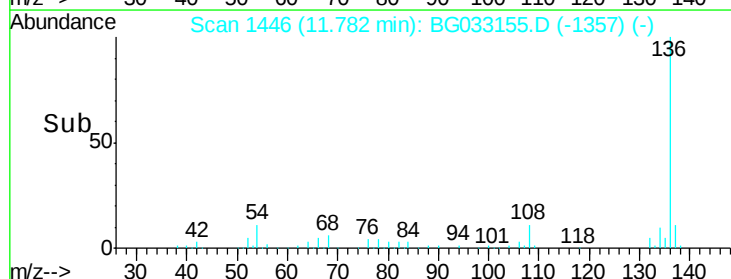
137 11.0 9.2 13.8

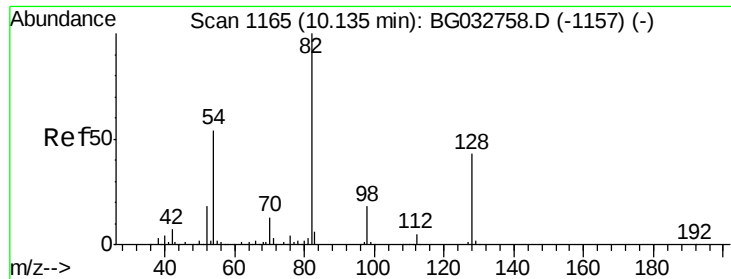
54 10.9 10.3 15.5

68 5.5 4.5 6.7



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: 123.511 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG033155.D

Acq: 14 Mar 2018 20:17

Instrument :

BNA_G

ClientSampleId :

TP-11B-COMP

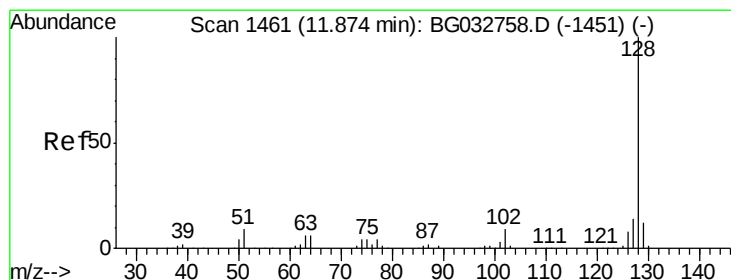
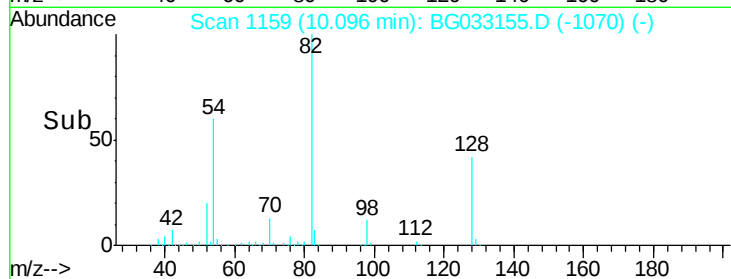
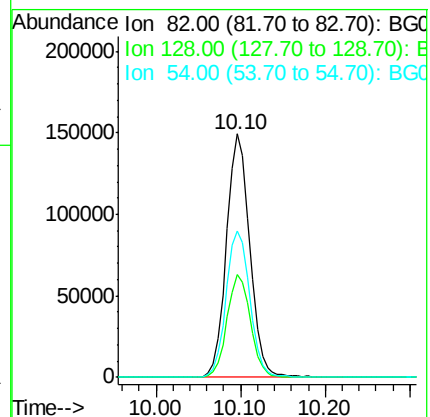
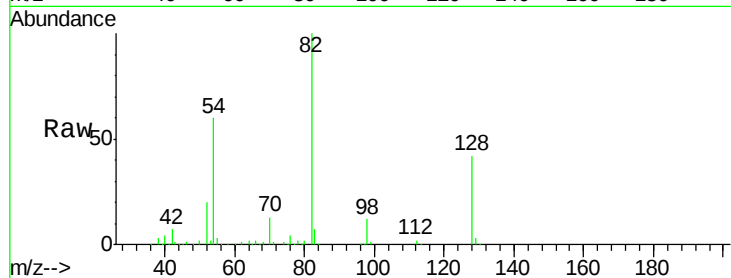
Tot Ion: 82 Resp: 285259

Ion Ratio Lower Upper

82 100

128 42.4 29.7 44.5

54 60.0 43.1 64.7



#31

Naphthalene

Concen: 9.903 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG033155.D

Acq: 14 Mar 2018 20:17

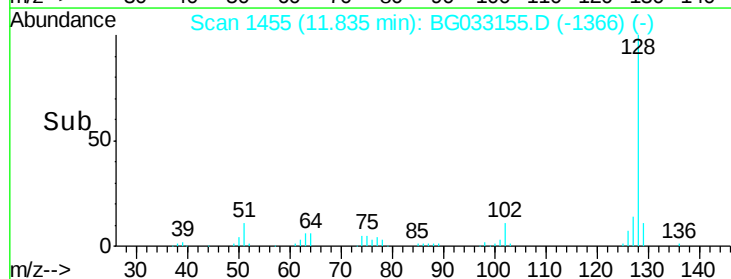
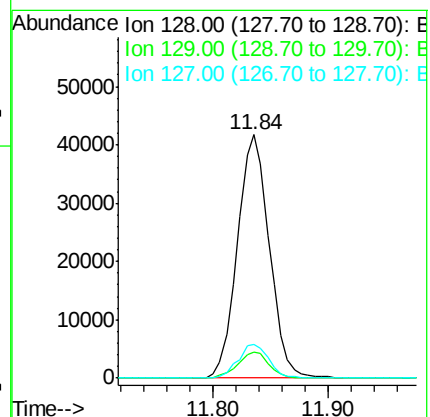
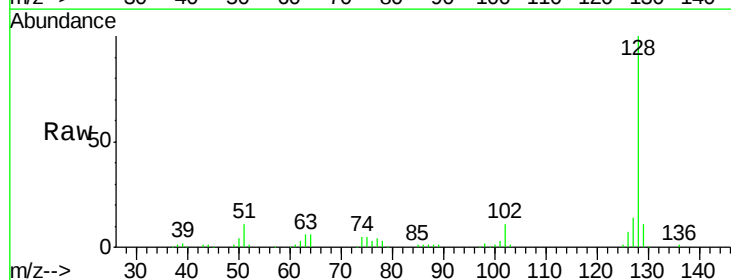
Tgt Ion: 128 Resp: 79661

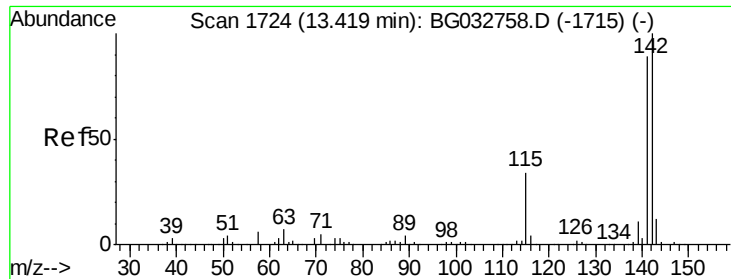
Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 14.1 11.6 17.4

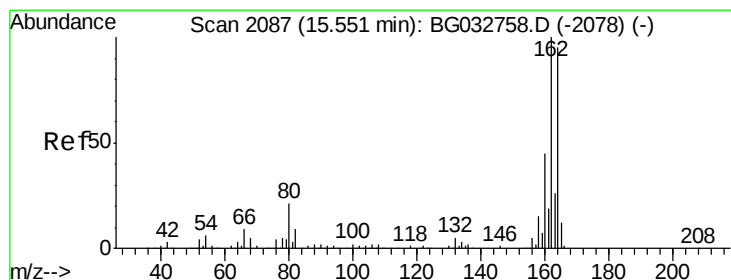
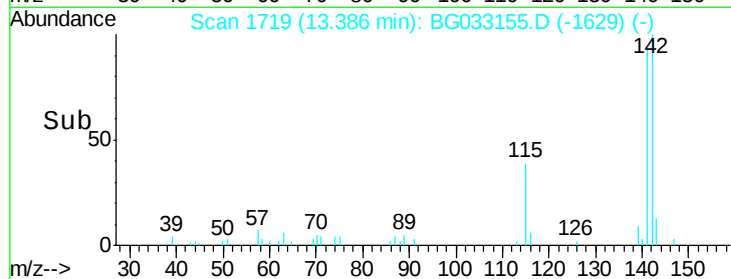
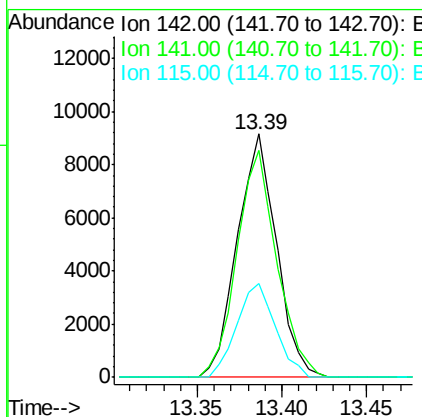
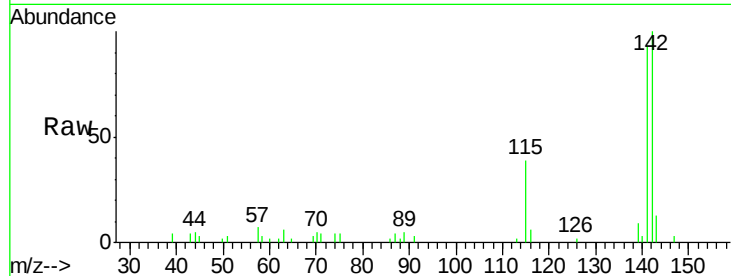




#37
 2-Methylnaphthalene
 Concen: 2.533 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG033155.D
 Acq: 14 Mar 2018 20:17

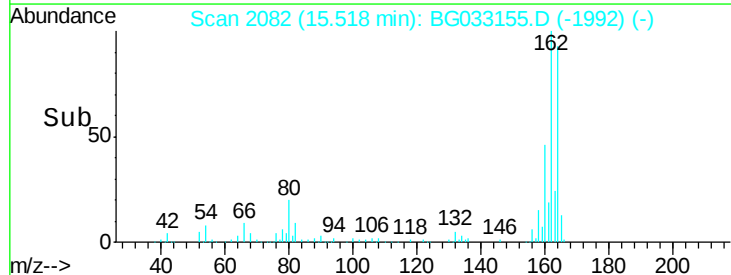
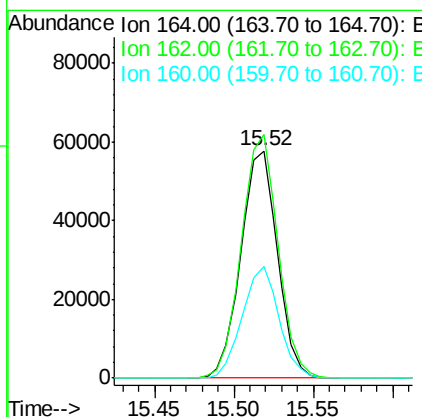
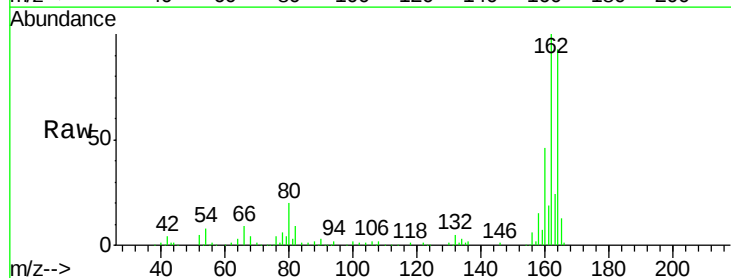
Instrument :
 BNA_G
 ClientSampleId :
 TP-11B-COMP

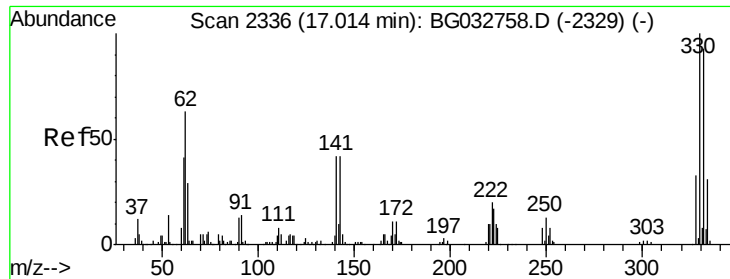
Tot Ion:142 Resp: 14742
 Ion Ratio Lower Upper
 142 100
 141 93.4 67.1 100.7
 115 38.7 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG033155.D
 Acq: 14 Mar 2018 20:17

Tgt Ion:164 Resp: 92464
 Ion Ratio Lower Upper
 164 100
 162 107.1 78.8 118.2
 160 49.3 35.4 53.0

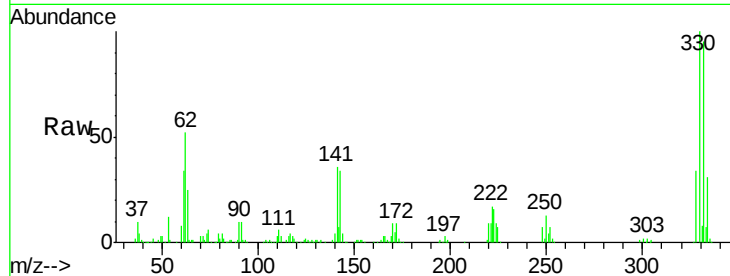




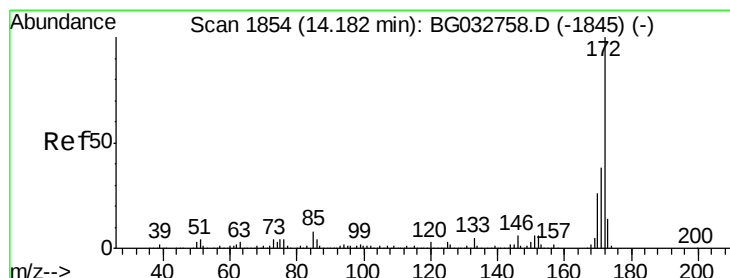
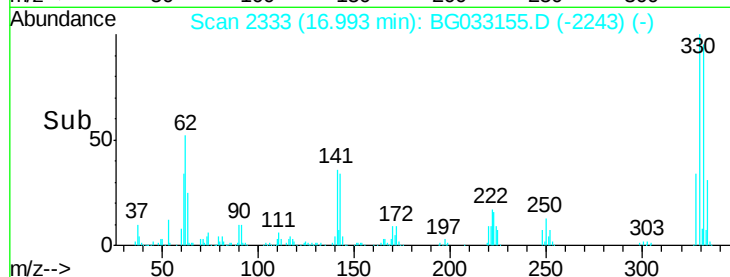
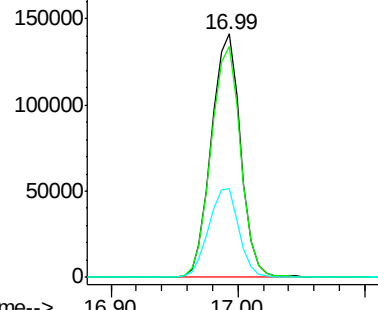
#41
 2,4,6-Tribromophenol
 Concen: 231.979 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033155.D
 Acq: 14 Mar 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 TP-11B-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	37.6	25.2	37.8

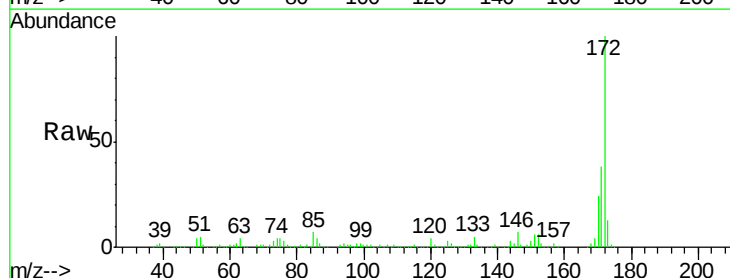


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

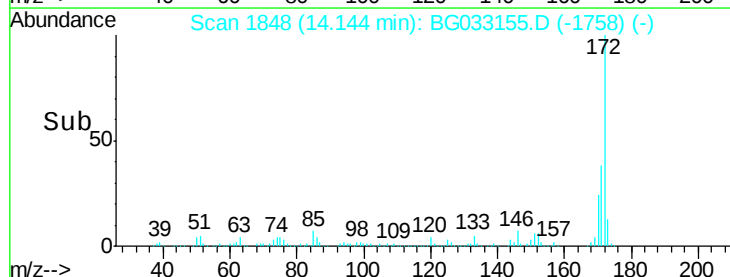
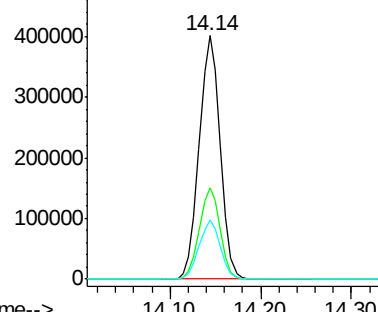


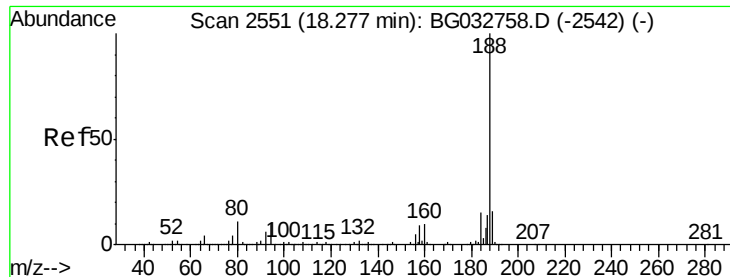
#44
 2-Fluorobiphenyl
 Concen: 100.276 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033155.D
 Acq: 14 Mar 2018 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.5	19.5	29.3



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

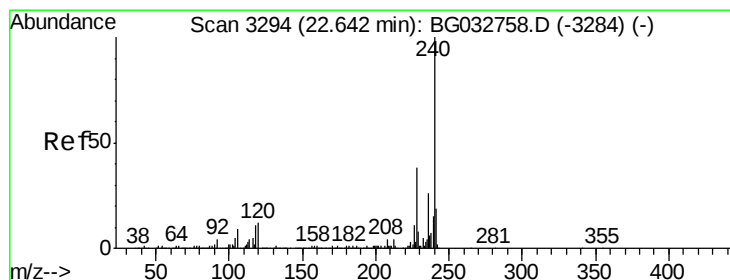
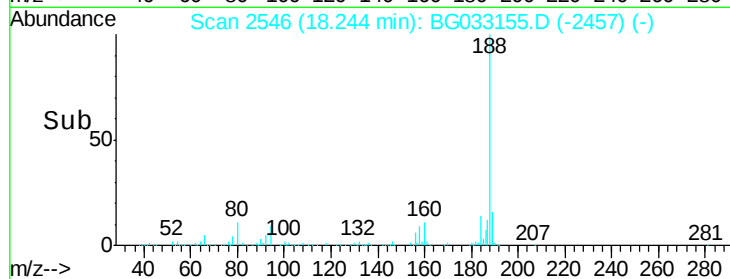
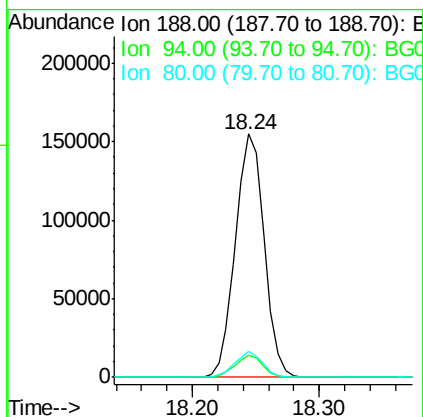
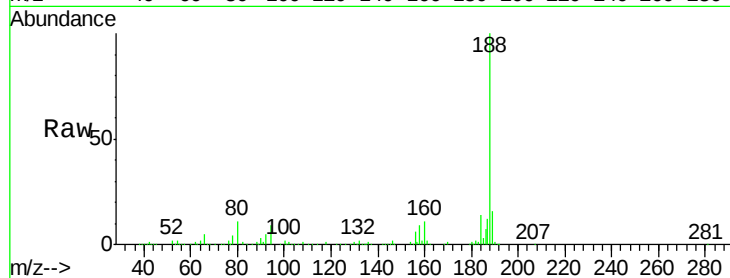




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BG033155.D
Acq: 14 Mar 2018 20:17

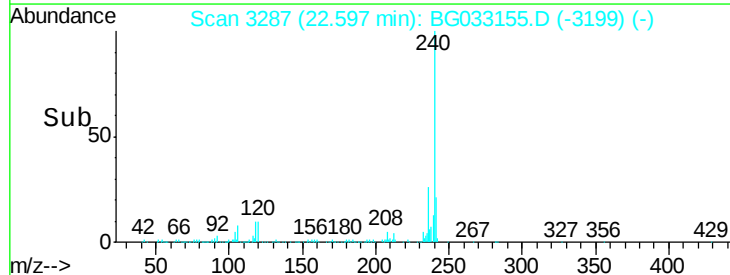
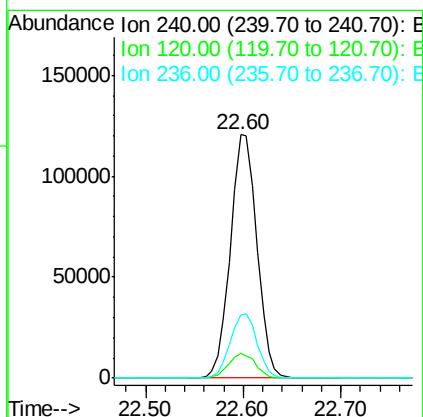
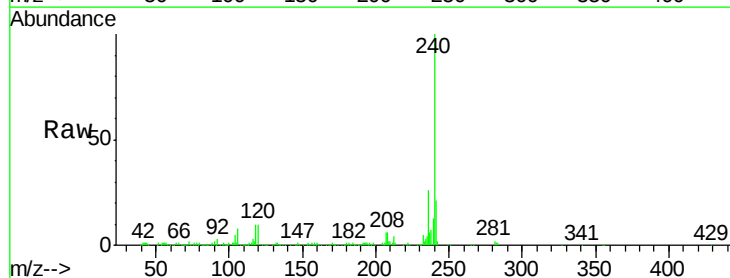
Instrument :
BNA_G
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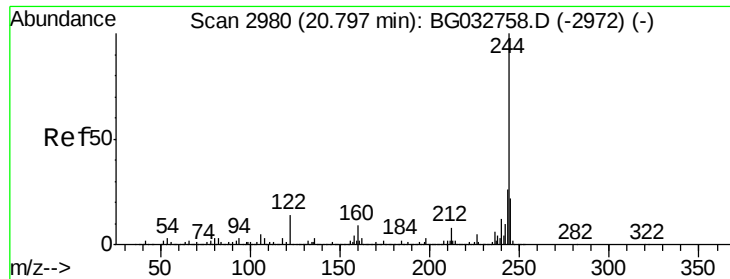
Tot Ion:188 Resp: 243289
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BG033155.D
Acq: 14 Mar 2018 20:17

Tgt Ion:240 Resp: 227792
Ion Ratio Lower Upper
240 100
120 10.3 6.8 10.2#
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 114.659 ng

RT: 20.76 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033155.D

Acq: 14 Mar 2018 20:17

Instrument :

BNA_G

ClientSampleId :

TP-11B-COMP

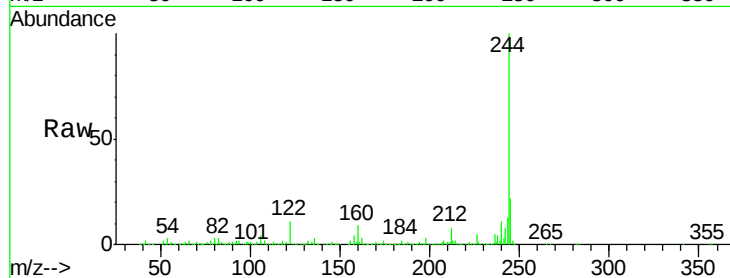
Tot Ion:244 Resp: 1162507

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

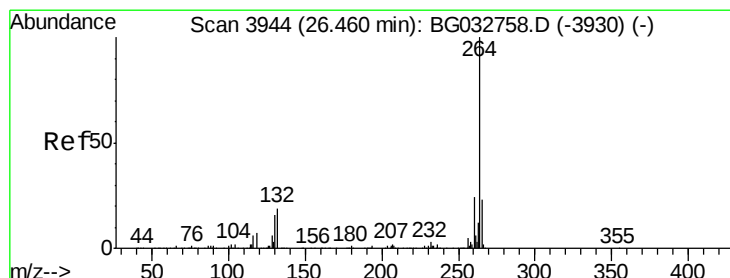
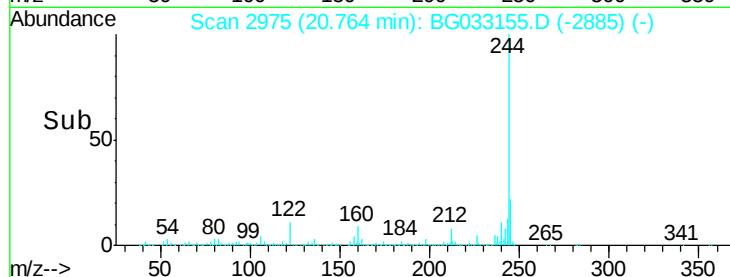
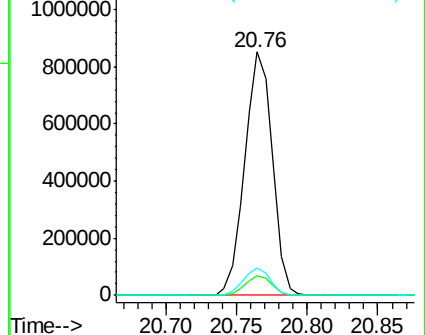
122 11.2 7.0 10.4#



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: 26.40 min Scan# 3935

Delta R.T. -0.01 min

Lab File: BG033155.D

Acq: 14 Mar 2018 20:17

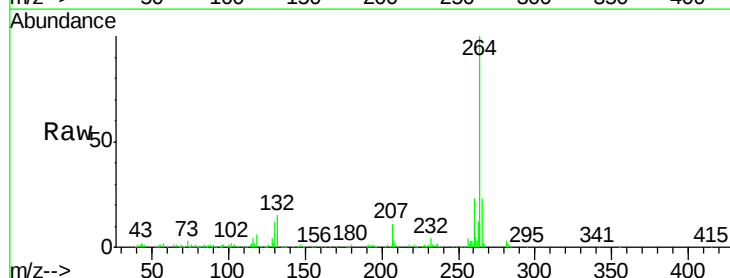
Tgt Ion:264 Resp: 239049

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 22.6 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

