

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032965.D
 Acq On : 3 Mar 2018 4:13
 Operator : SJ/JU
 Sample : J1766-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

Quant Time: Mar 03 06:16:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

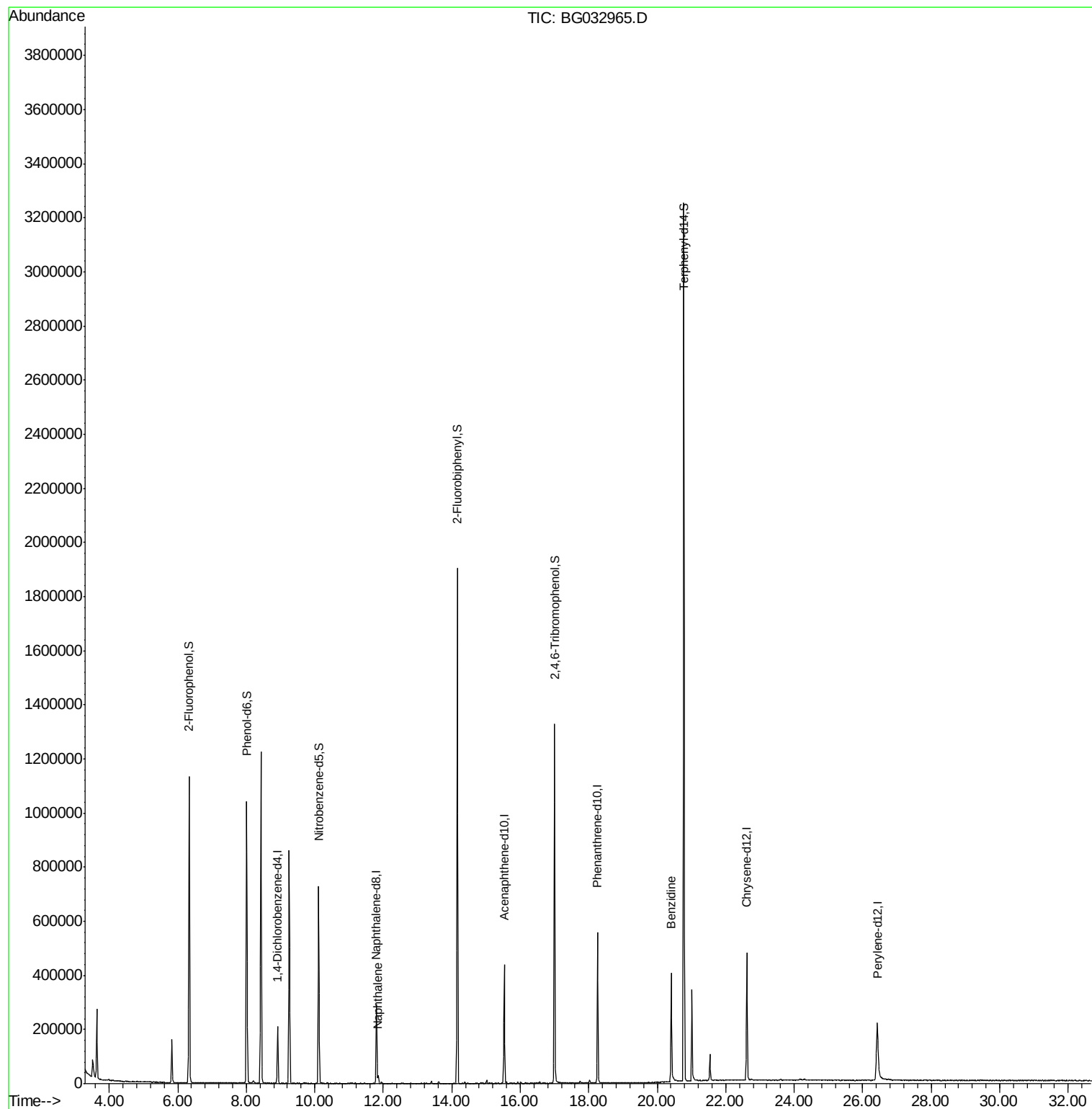
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	60182	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	268499	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	150097	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	340175	20.00	ng	0.00
75) Chrysene-d12	22.61	240	315147	20.00	ng	0.00
86) Perylene-d12	26.43	264	308726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	540336	143.64	ng	0.00
7) Phenol-d6	8.01	99	657808	125.46	ng	0.00
23) Nitrobenzene-d5	10.11	82	468109	116.79	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	233716	148.09	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	973050	93.50	ng	0.00
78) Terphenyl-d14	20.78	244	1463991	104.37	ng	0.00
Target Compounds						
31) Naphthalene	11.85	128	30223	2.154	ng	97
76) Benzidine	20.41	184	269188	25.059	ng	98

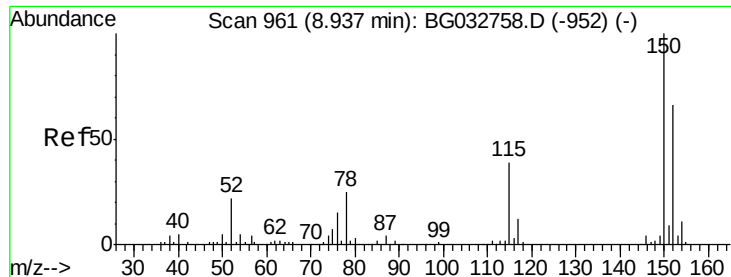
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Quant Time: Mar 03 06:16:33 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



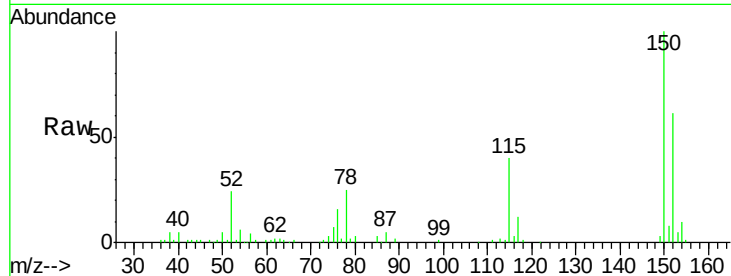


#1

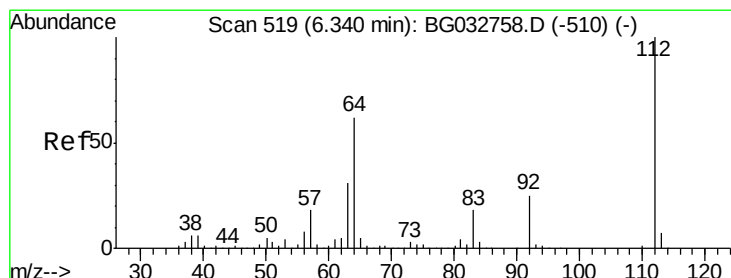
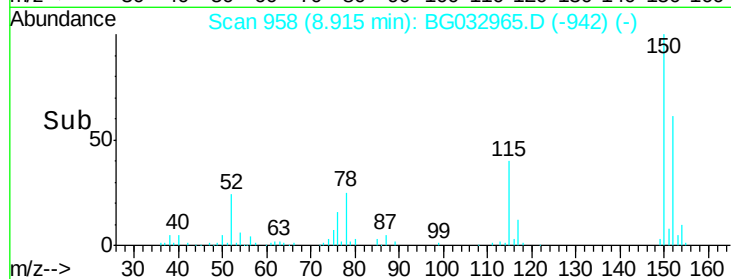
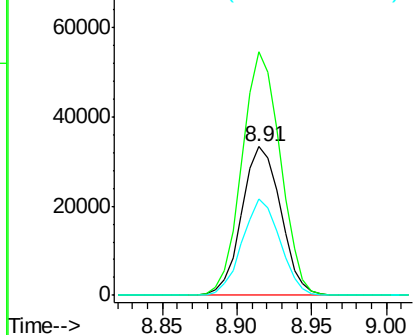
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032965.D
Acq: 3 Mar 2018 4:13

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tot Ion:152 Resp: 60182
Ion Ratio Lower Upper
152 100
150 163.6 126.6 189.8
115 64.9 53.0 79.4



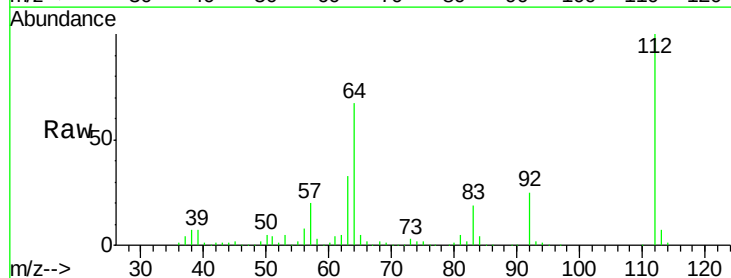
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



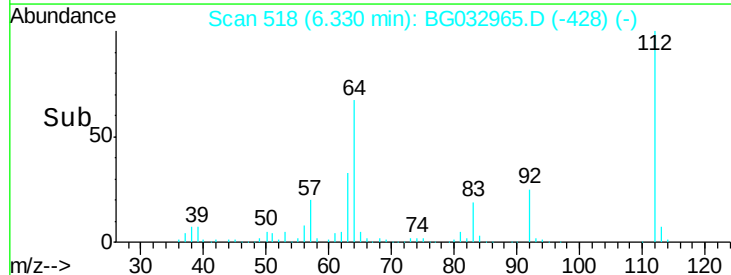
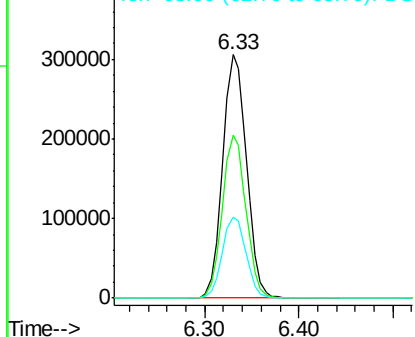
#5

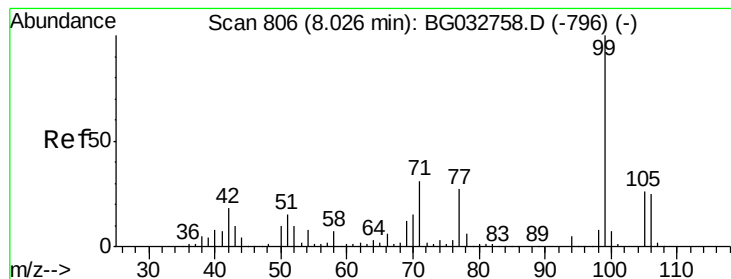
2-Fluorophenol
Concen: 143.641 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032965.D
Acq: 3 Mar 2018 4:13

Tgt Ion:112 Resp: 540336
Ion Ratio Lower Upper
112 100
64 67.0 56.3 84.5
63 33.5 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: 125.457 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032965.D

Acq: 3 Mar 2018 4:13

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

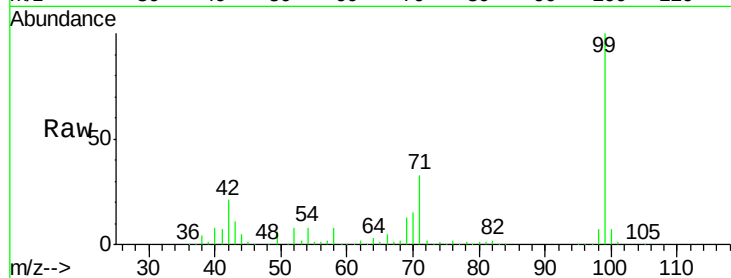
Tot Ion: 99 Resp: 657808

Ion Ratio Lower Upper

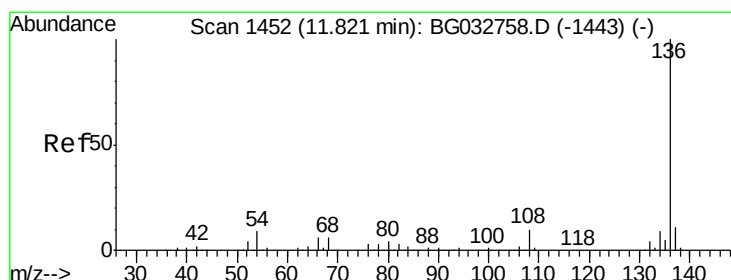
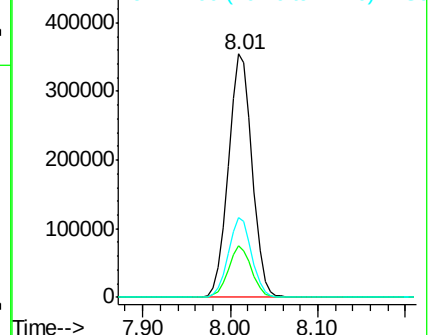
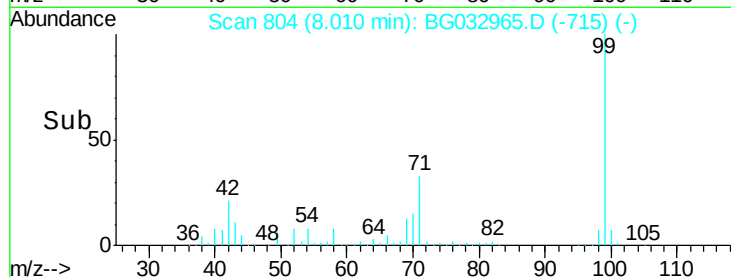
99 100

42 21.0 14.1 21.1

71 32.7 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: 11.80 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032965.D

Acq: 3 Mar 2018 4:13

Tgt Ion: 136 Resp: 268499

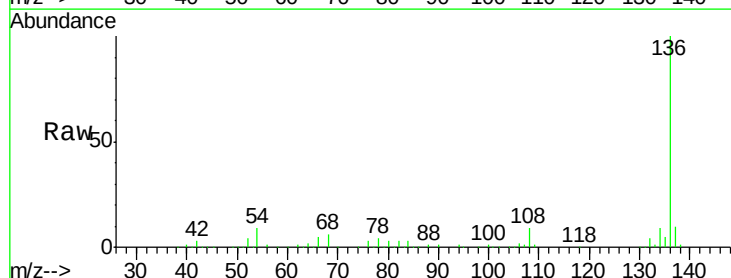
Ion Ratio Lower Upper

136 100

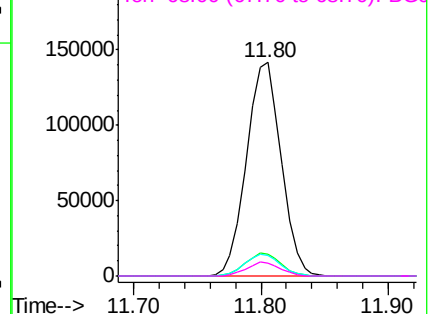
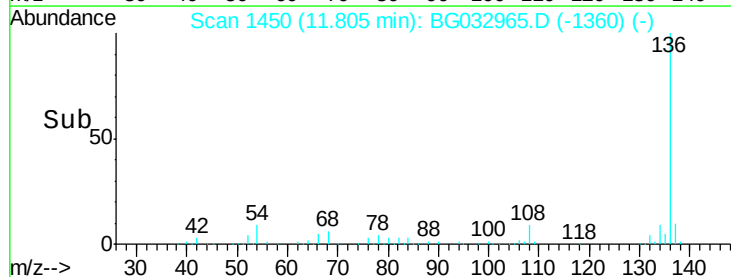
137 10.3 9.2 13.8

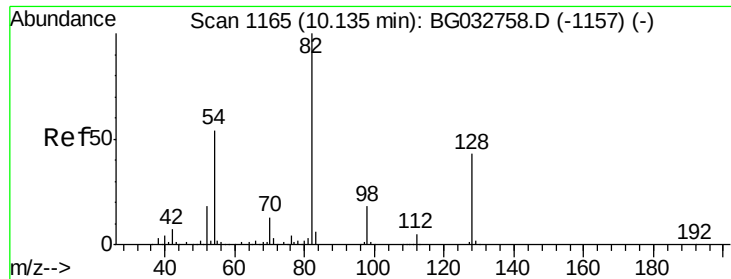
54 9.4 10.3 15.5#

68 6.0 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

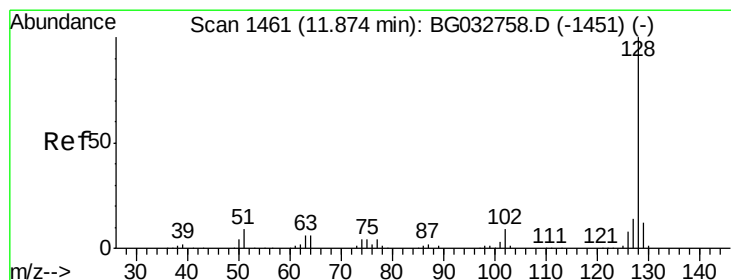
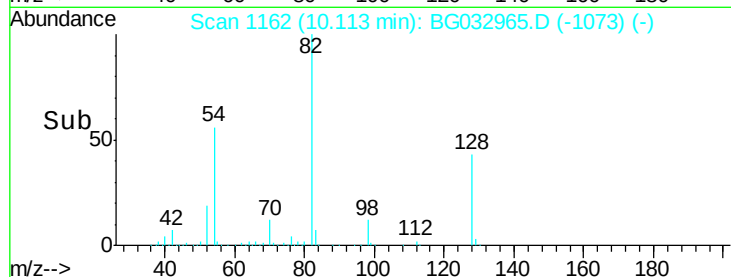
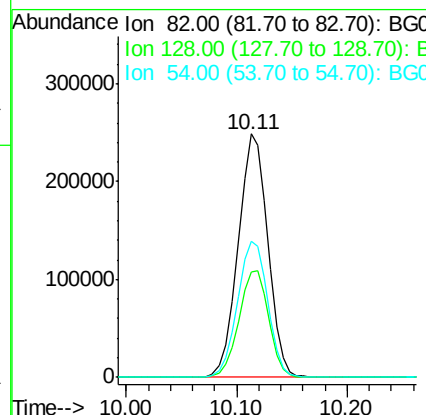
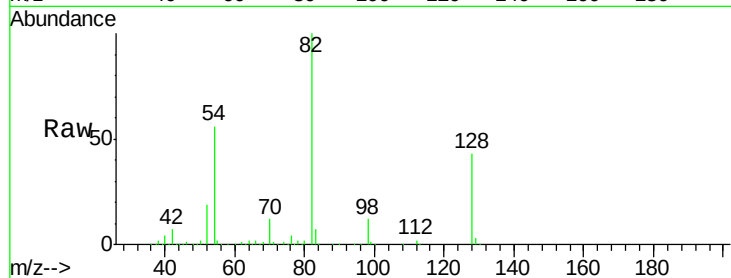




#23
Nitrobenzene-d5
Concen: 116.789 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032965.D
Acq: 3 Mar 2018 4:13

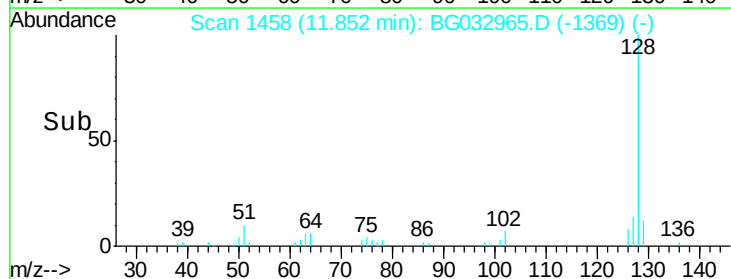
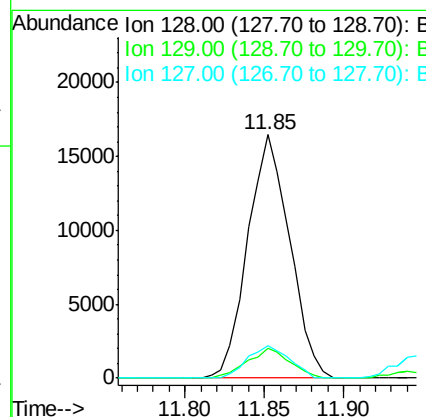
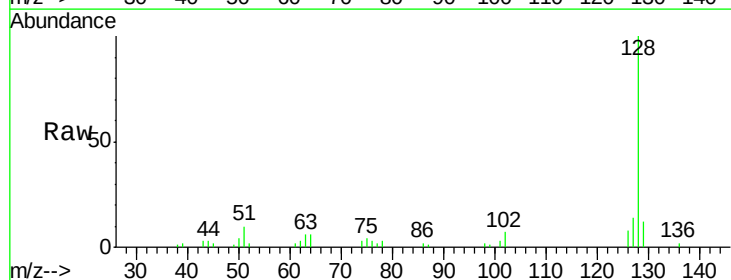
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

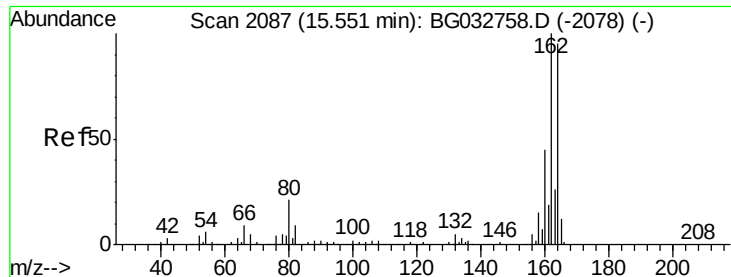
Tot Ion	82	Resp	468109
Ion Ratio	Lower	Upper	
82	100		
128	43.3	29.7	44.5
54	55.9	43.1	64.7



#31
Naphthalene
Concen: 2.154 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG032965.D
Acq: 3 Mar 2018 4:13

Tgt Ion	128	Resp	30223
Ion Ratio	Lower	Upper	
128	100		
129	12.4	8.6	12.8
127	13.6	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG032965.D

Acq: 3 Mar 2018 4:13

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

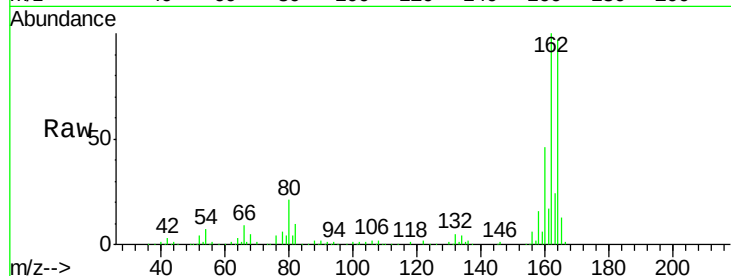
Tot Ion:164 Resp: 150097

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

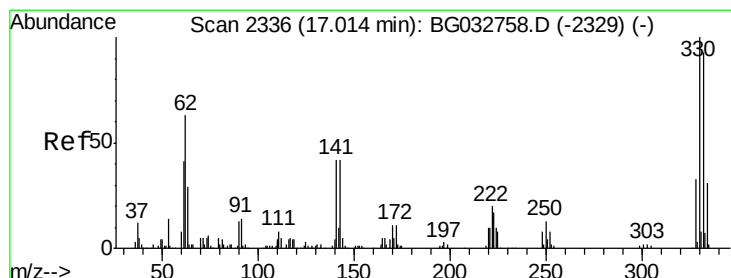
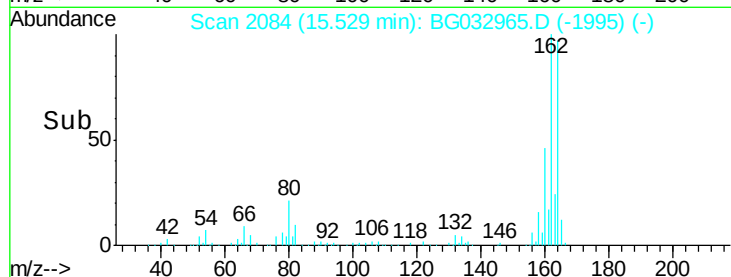
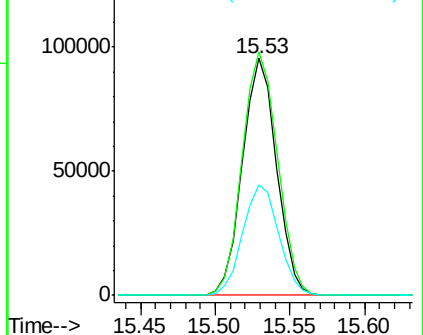
160 46.9 35.4 53.0



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: 148.089 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG032965.D

Acq: 3 Mar 2018 4:13

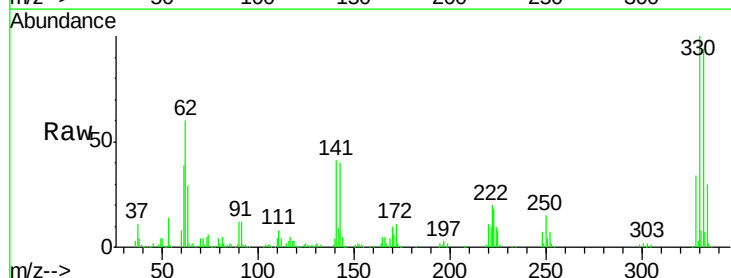
Tgt Ion:330 Resp: 233716

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

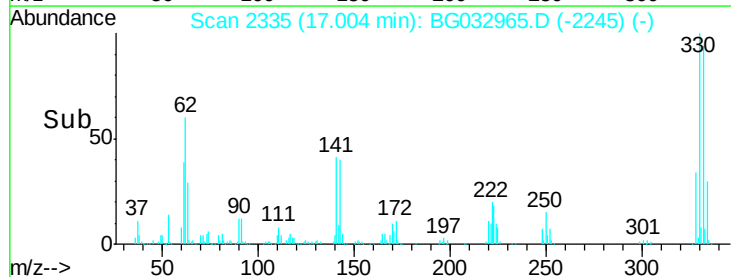
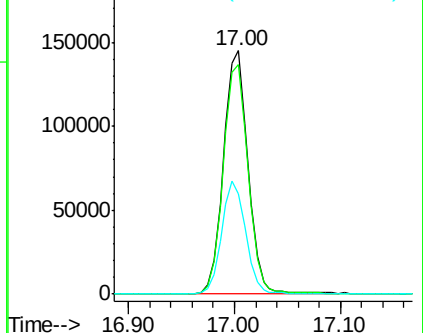
141 45.9 25.2 37.8#

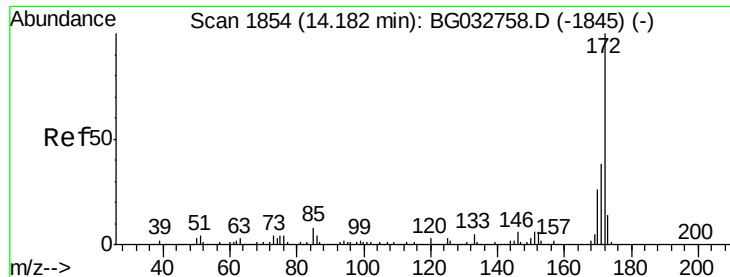


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

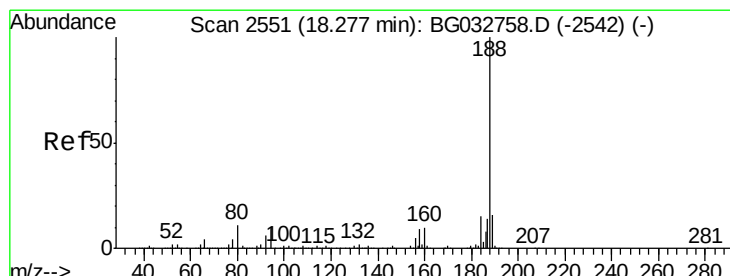
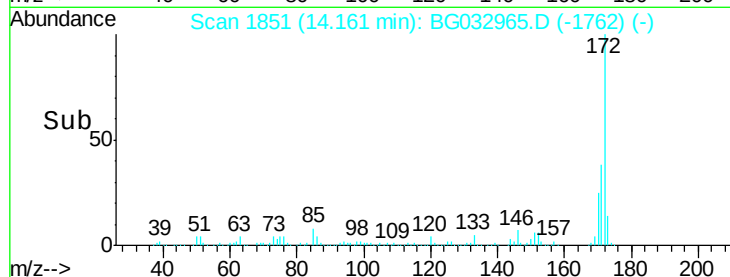
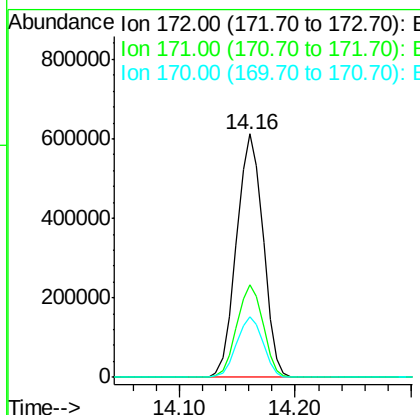
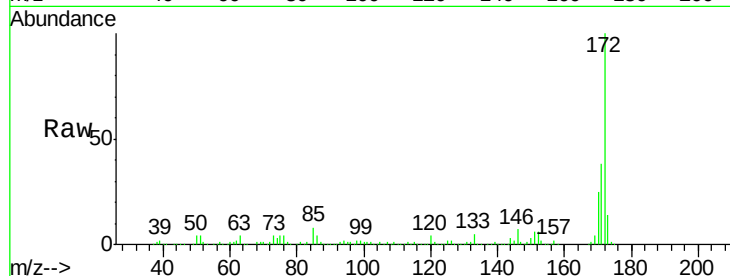




#44
 2-Fluorobiphenyl
 Concen: 93.498 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032965.D
 Acq: 3 Mar 2018 4:13

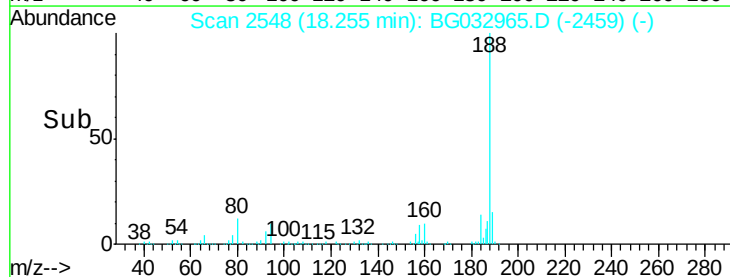
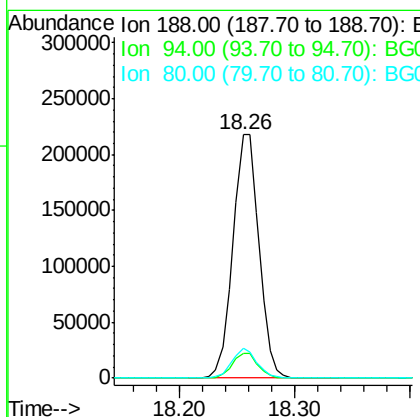
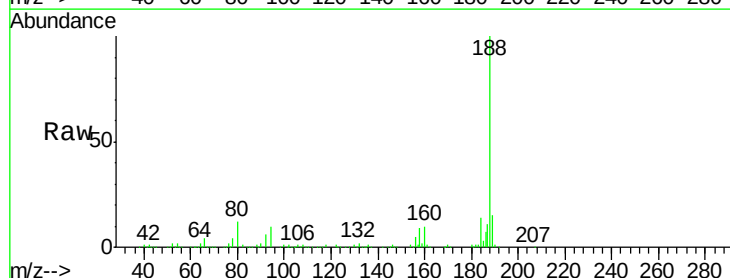
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

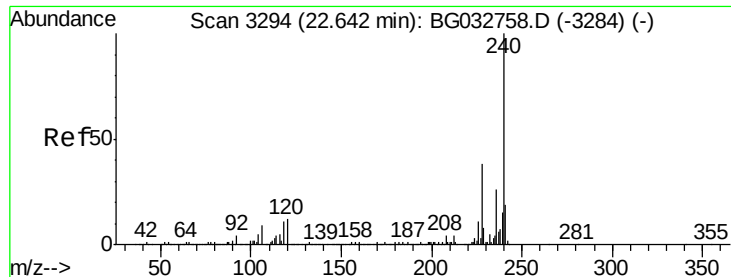
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.9	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG032965.D
 Acq: 3 Mar 2018 4:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.9	10.3
80	12.1	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3290

Delta R.T. -0.01 min

Lab File: BG032965.D

Acq: 3 Mar 2018 4:13

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

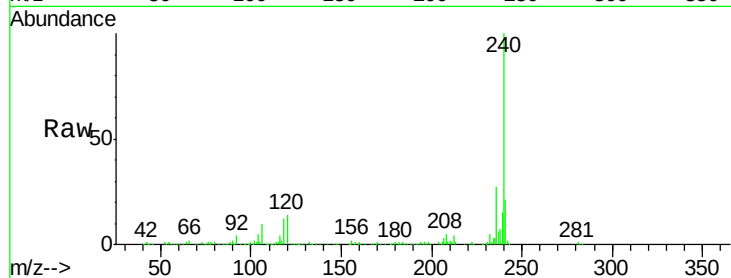
Tot Ion:240 Resp: 315147

Ion Ratio Lower Upper

240 100

120 14.1 6.8 10.2#

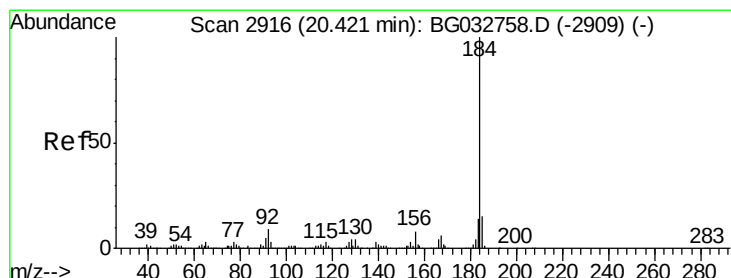
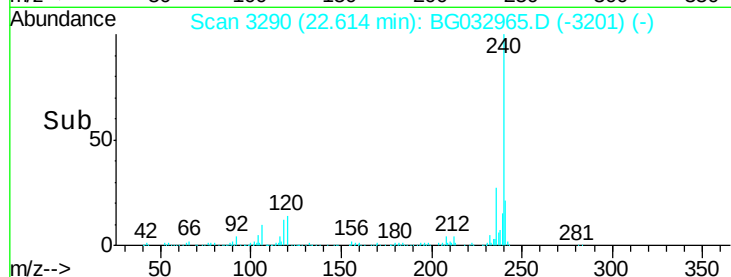
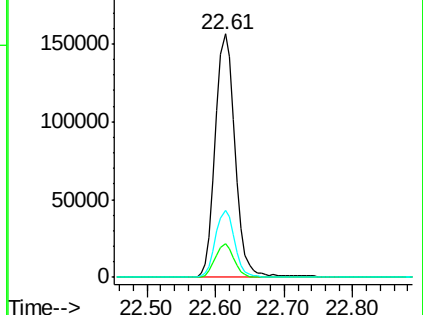
236 27.5 20.9 31.3



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



#76

Benzidine

Concen: 25.059 ng

RT: 20.41 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG032965.D

Acq: 3 Mar 2018 4:13

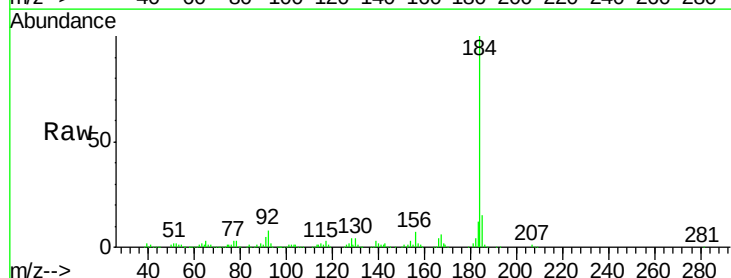
Tgt Ion:184 Resp: 269188

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

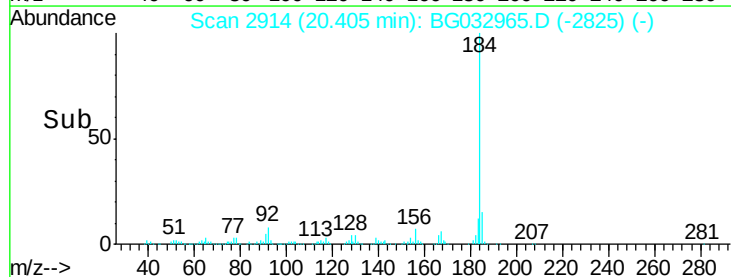
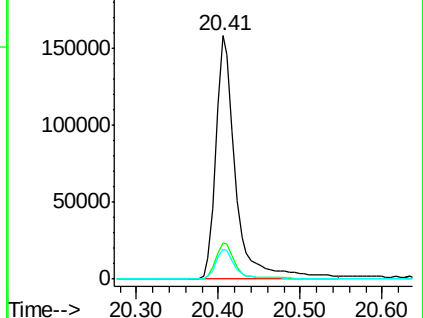
183 12.3 10.6 16.0

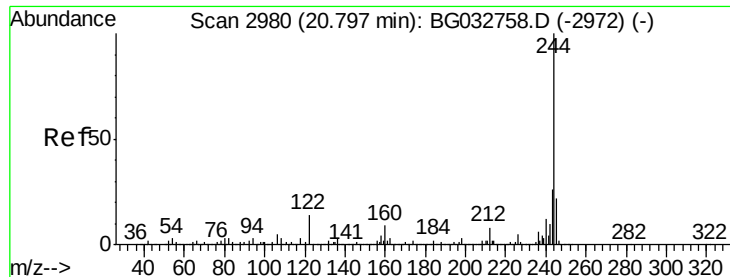


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 104.370 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BG032965.D

Acq: 3 Mar 2018 4:13

Instrument :

BNA_G

ClientSampled :

DRUM-1-2

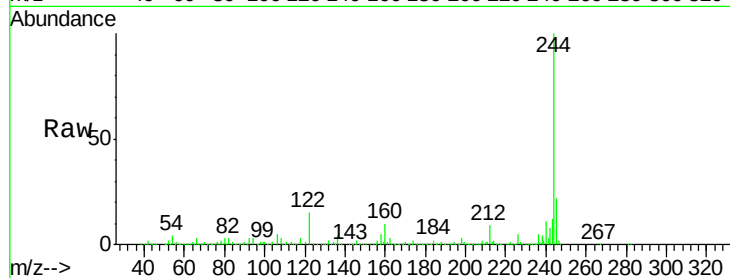
Tot Ion:244 Resp: 1463991

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

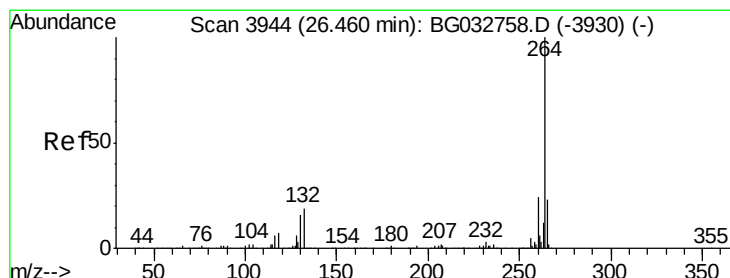
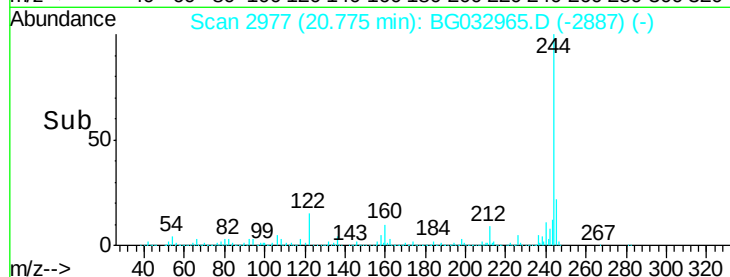
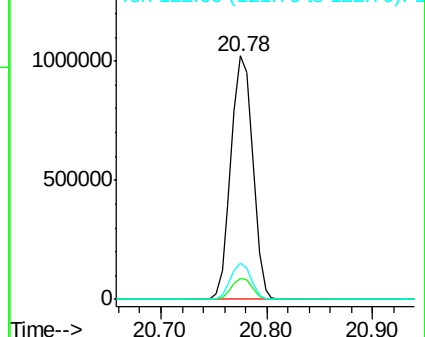
122 14.8 7.0 10.4#



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: 26.43 min Scan# 3939

Delta R.T. -0.00 min

Lab File: BG032965.D

Acq: 3 Mar 2018 4:13

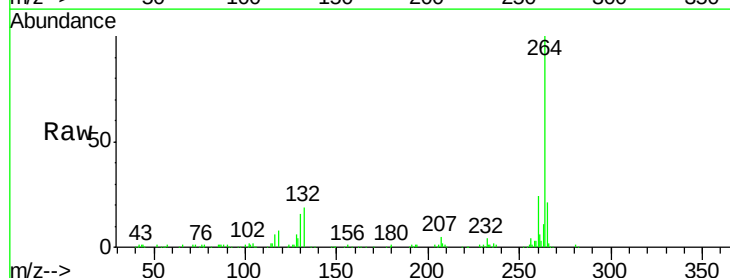
Tgt Ion:264 Resp: 308726

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.1 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

