

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022607.D
 Acq On : 26 Jun 2016 12:45
 Operator : UM/SJ
 Sample : H3761-02
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-5F-9-11

Quant Time: Jun 27 01:36:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

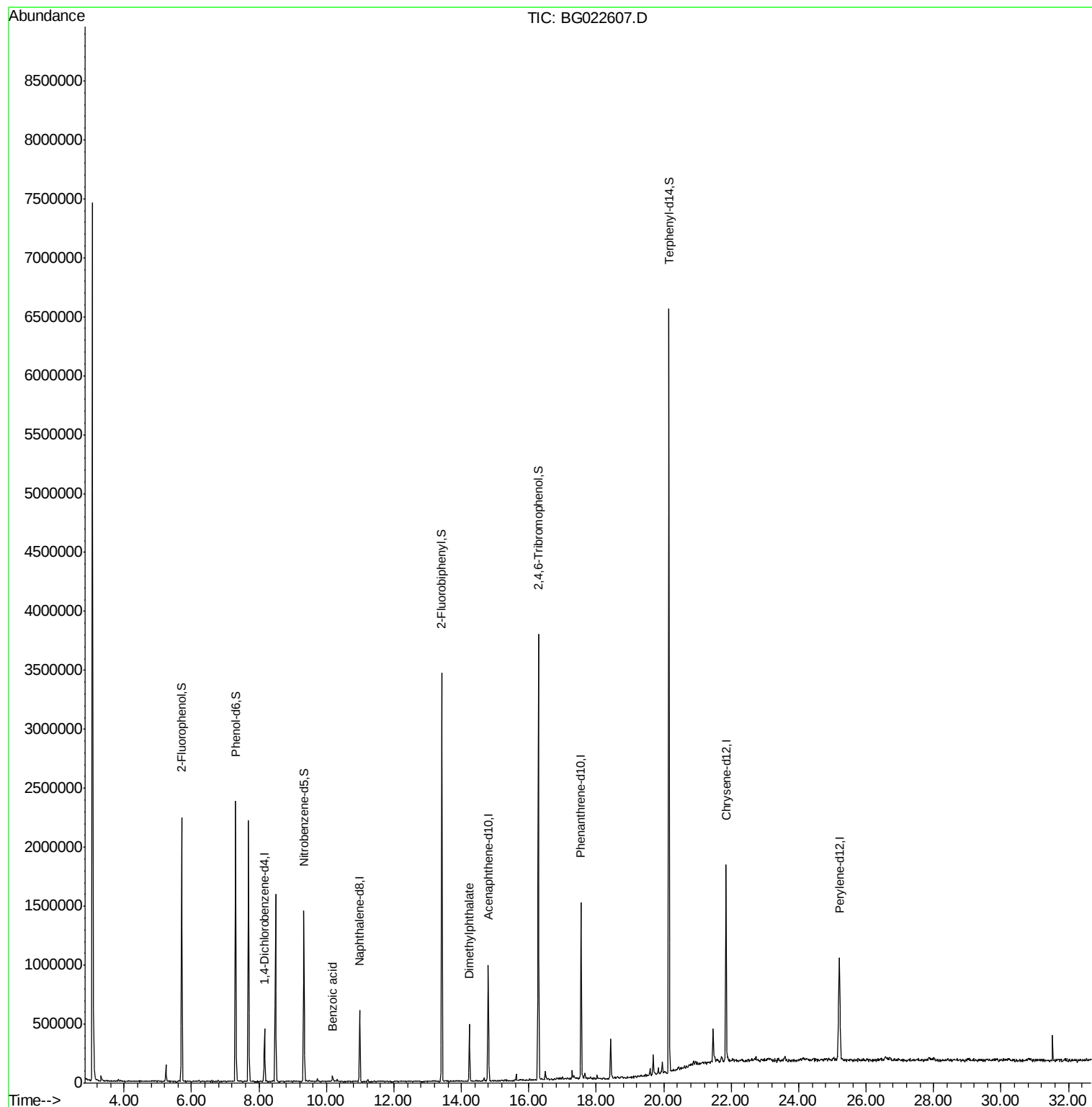
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	113276	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	473948	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	335694	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	896128	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1038966	20.00	ng	0.00
86) Perylene-d12	25.21	264	1067992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	855130	121.08	ng	0.00
7) Phenol-d6	7.31	99	1297156	130.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	907829	81.07	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	703036	133.15	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1645566	77.74	ng	0.00
78) Terphenyl-d14	20.15	244	2533827	64.61	ng	0.00
Target Compounds						
32) Benzoic acid	10.18	122	15321	7.57	ng	Qvalue # 79
49) Dimethylphthalate	14.24	163	297484	10.68	ng	99

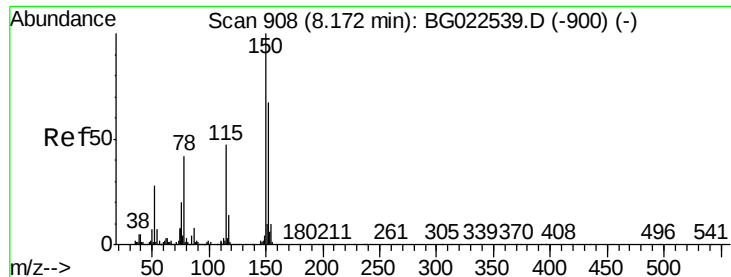
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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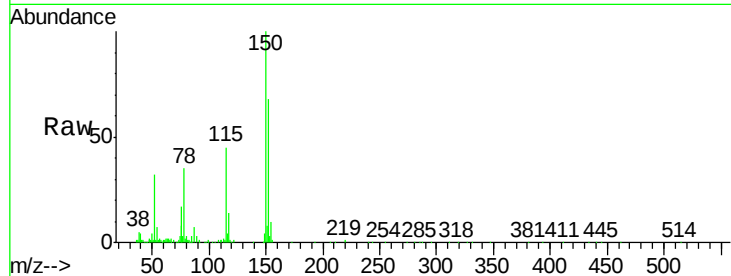


#1

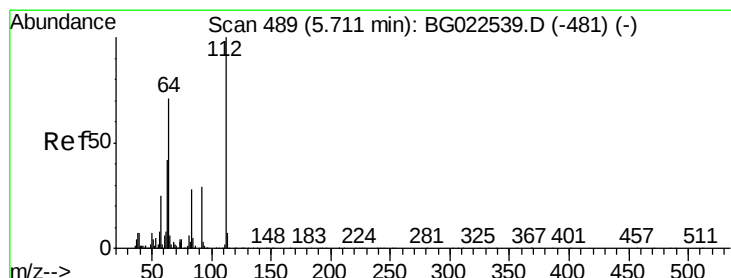
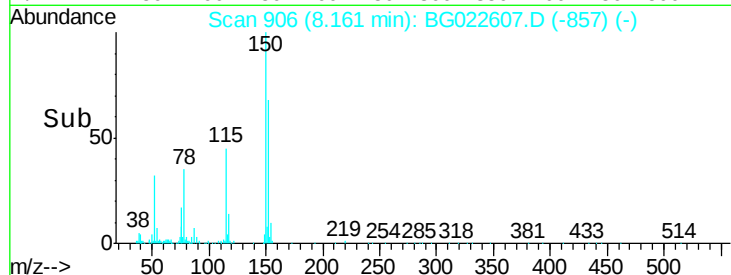
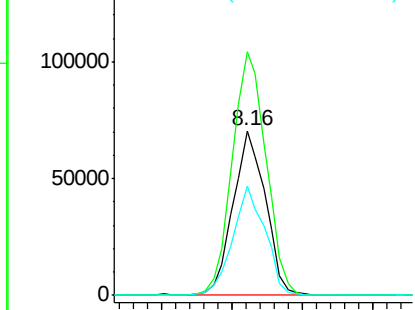
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.6	144.7	217.1
115	66.0	64.0	96.0



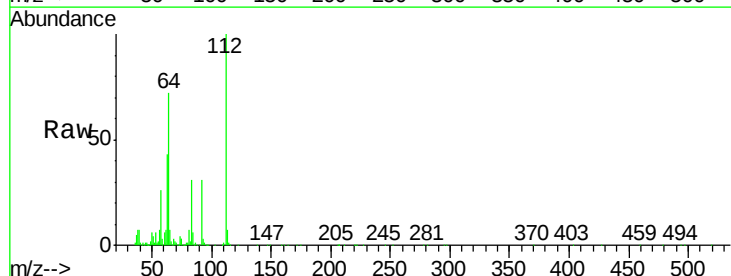
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



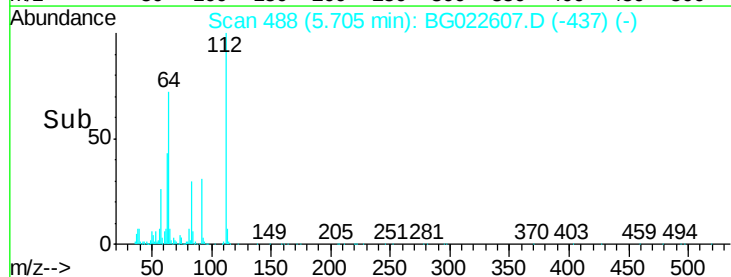
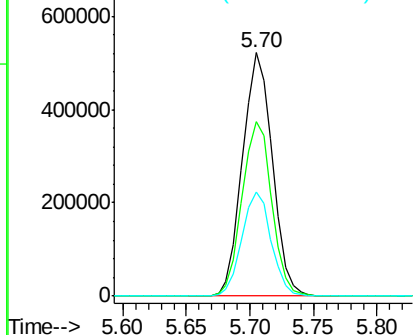
#5

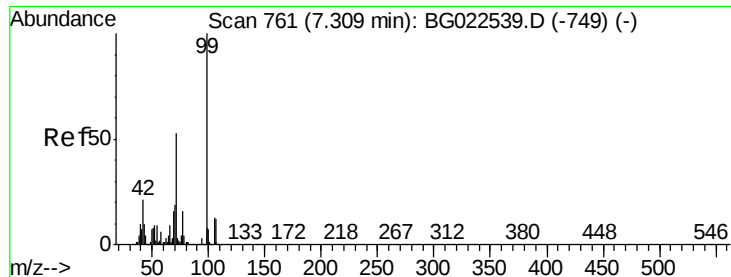
2-Fluorophenol
Concen: 121.08 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	59.0	88.4
63	43.0	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG022607.D (-437) (-)
Ion 63.00 (62.70 to 63.70): BG022607.D (-437) (-)





#7

Phenol-d6

Concen: 130.31 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

Instrument :

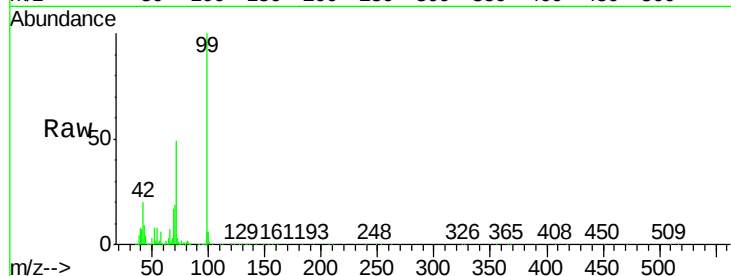
BNA_G

ClientSampleId :

LOCATION-5F-9-11

Tgt Ion: 99 Resp: 1297156

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.8	26.6
71	49.2	41.5	62.3

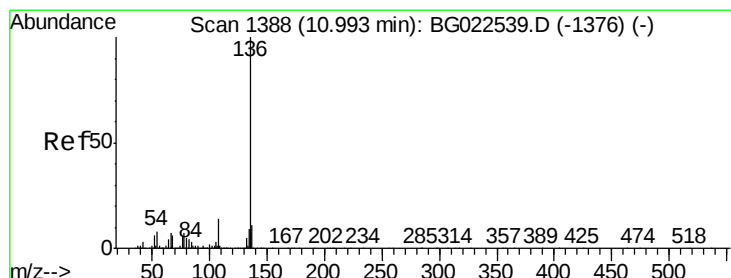
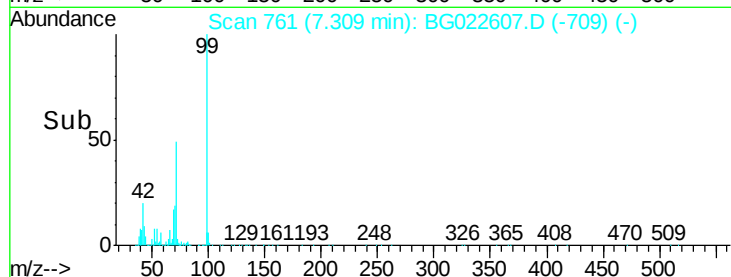
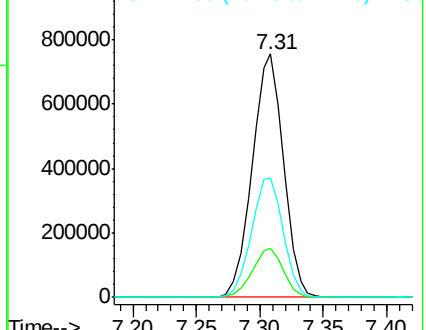


Abundance

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: 20.00 ng

RT: 10.99 min Scan# 1387

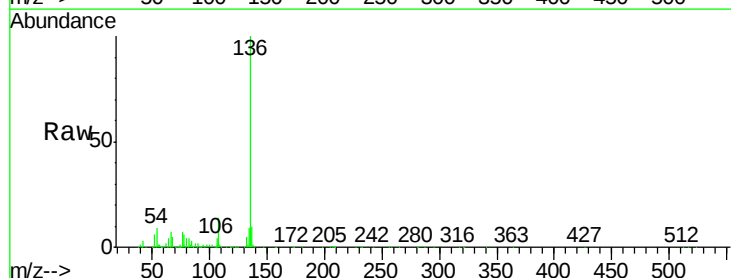
Delta R.T. -0.01 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

Tgt Ion: 136 Resp: 473948

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	8.8	7.3	10.9
68	5.3	5.3	7.9#



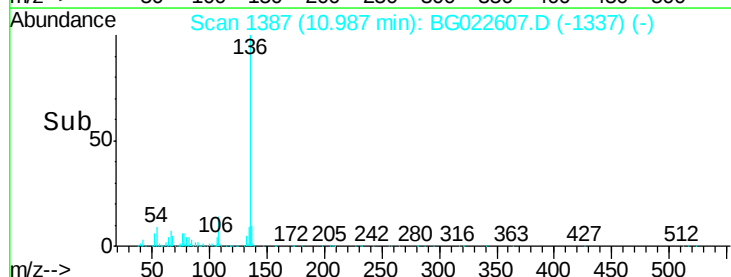
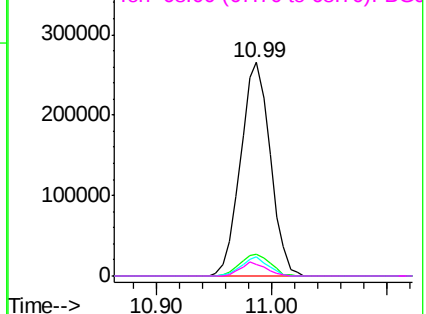
Abundance

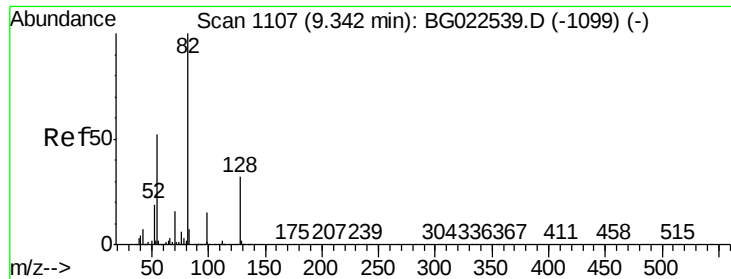
Ion 136.00 (135.70 to 136.70): BGC

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

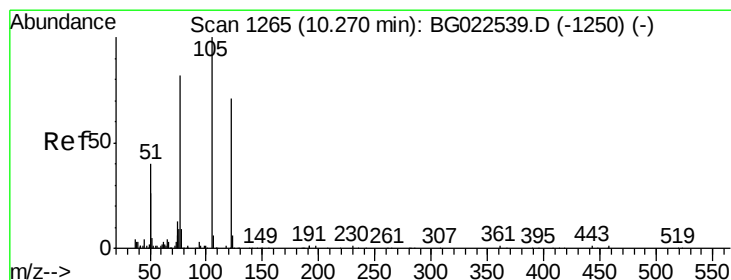
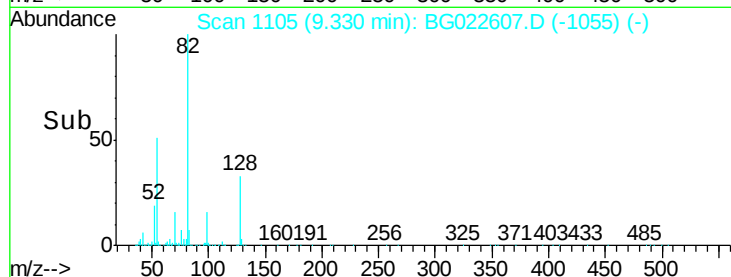
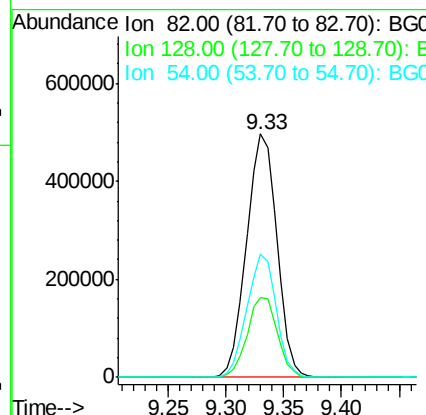
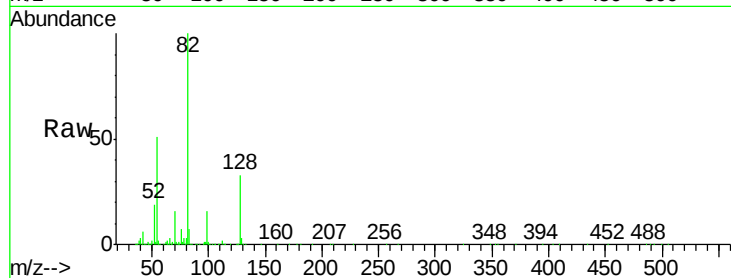




#23
 Nitrobenzene-d5
 Concen: 81.07 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022607.D
 Acq: 26 Jun 2016 12:45

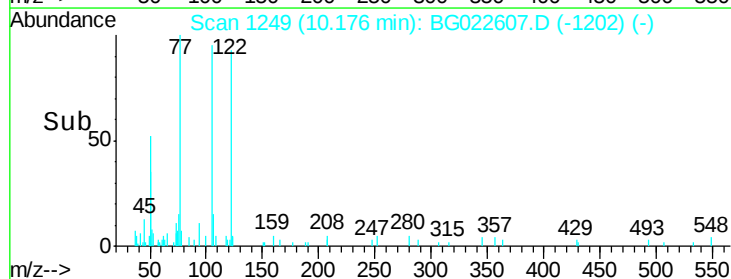
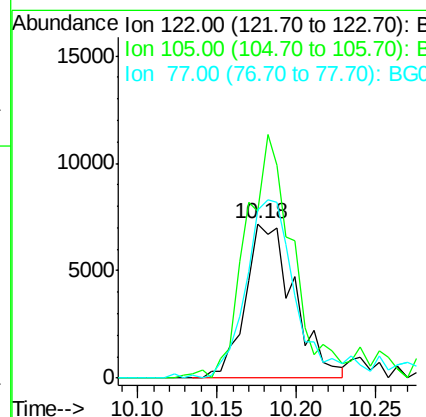
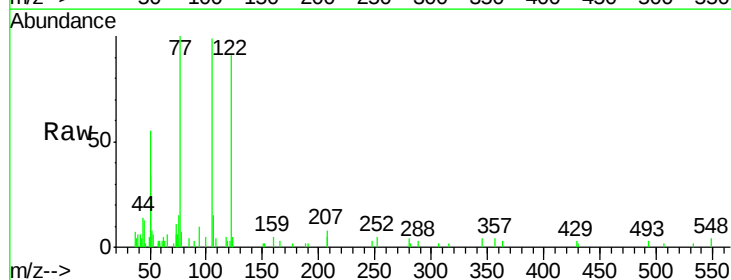
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-5F-9-11

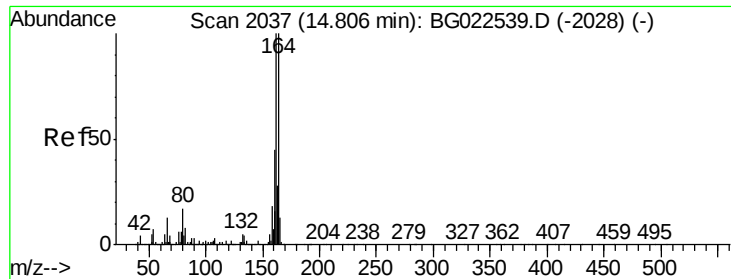
Tgt Ion: 82 Resp: 907829
 Ion Ratio Lower Upper
 82 100
 128 32.8 24.4 36.6
 54 50.8 41.4 62.0



#32
 Benzoic acid
 Concen: 7.57 ng
 RT: 10.18 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BG022607.D
 Acq: 26 Jun 2016 12:45

Tgt Ion: 122 Resp: 15321
 Ion Ratio Lower Upper
 122 100
 105 107.9 117.2 157.2#
 77 109.5 109.2 149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

Instrument :

BNA_G

ClientSampleId :

LOCATION-5F-9-11

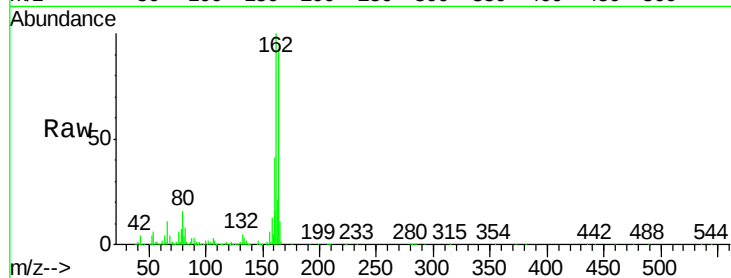
Tgt Ion:164 Resp: 335694

Ion Ratio Lower Upper

164 100

162 108.3 87.7 131.5

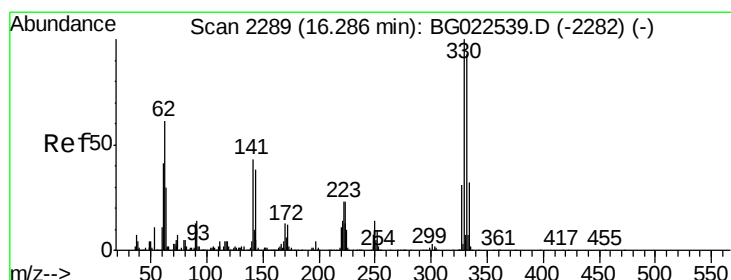
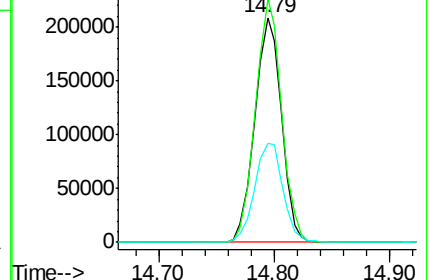
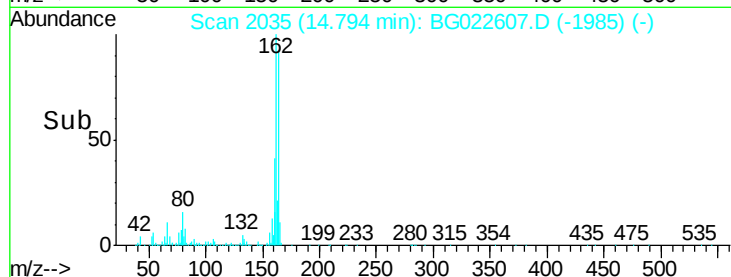
160 44.3 37.2 55.8



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: 133.15 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

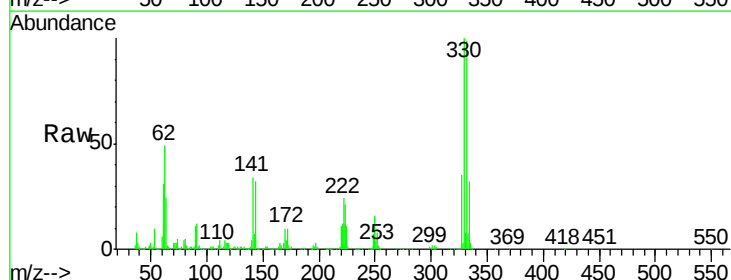
Tgt Ion:330 Resp: 703036

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

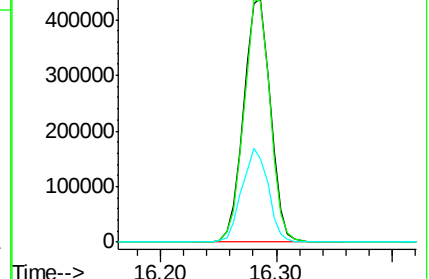
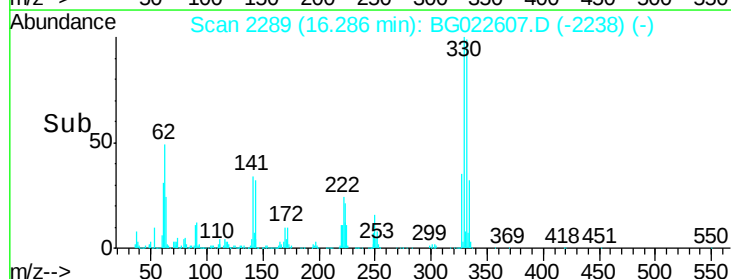
141 37.7 31.7 47.5

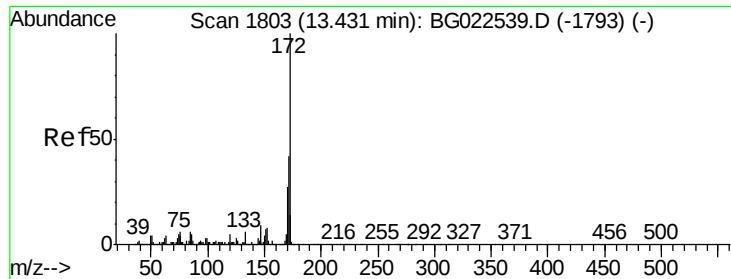


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

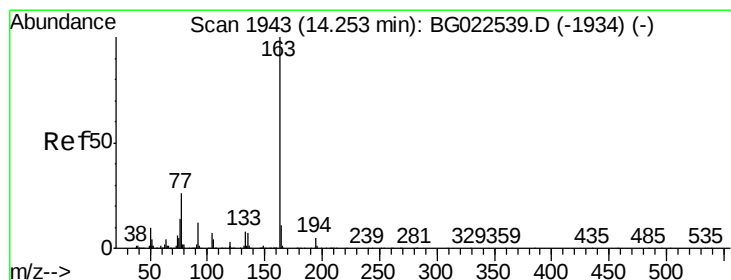
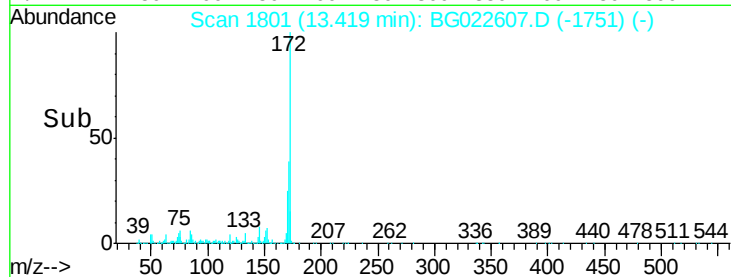
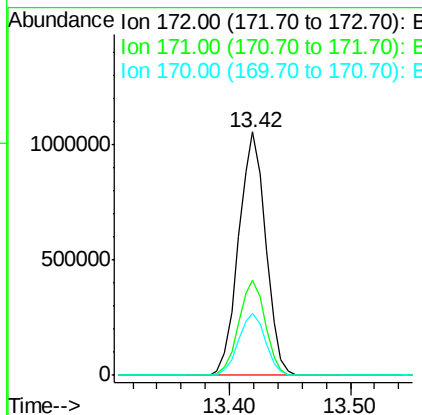
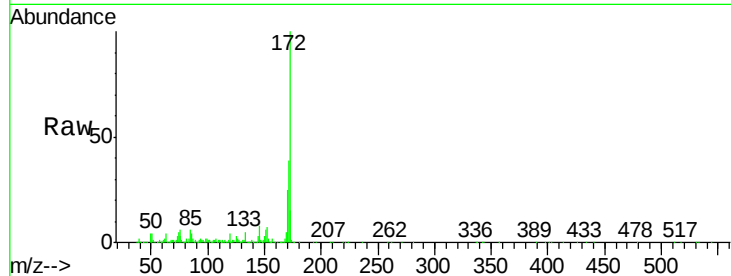




#44
2-Fluorobiphenyl
Concen: 77.74 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

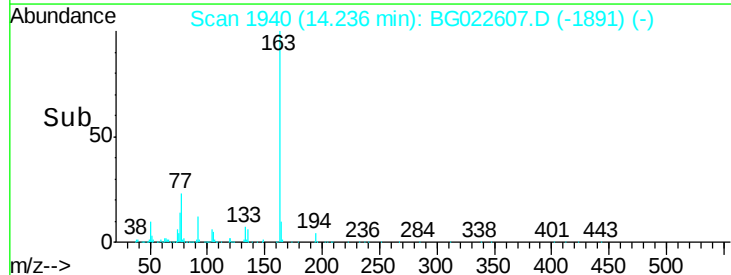
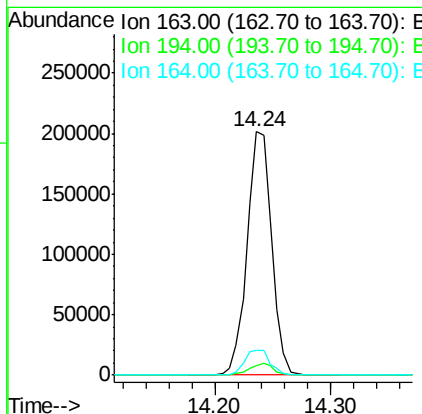
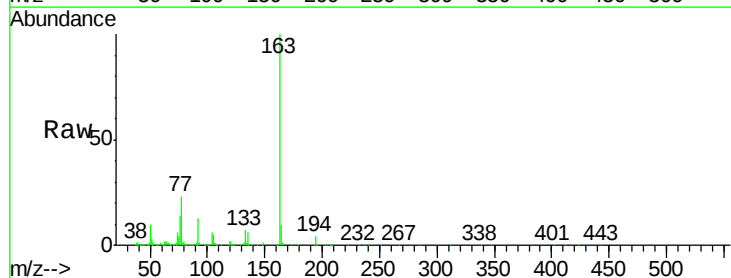
Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11

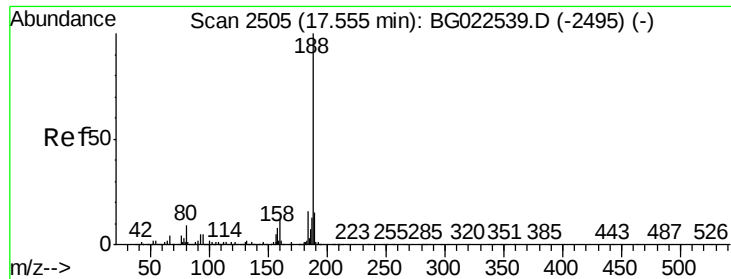
Tgt Ion:172 Resp: 1645566
Ion Ratio Lower Upper
172 100
171 39.1 31.6 47.4
170 25.3 21.3 31.9



#49
Dimethylphthalate
Concen: 10.68 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion:163 Resp: 297484
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 10.0 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

Instrument :

BNA_G

ClientSampleId :

LOCATION-5F-9-11

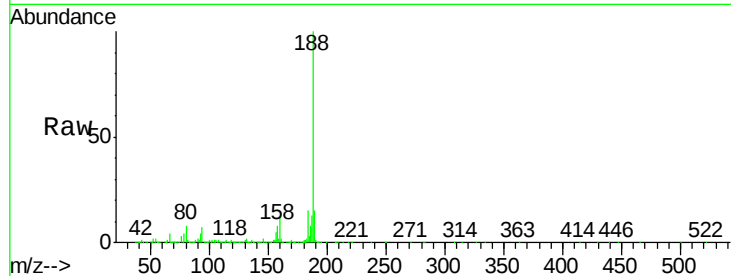
Tgt Ion:188 Resp: 896128

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

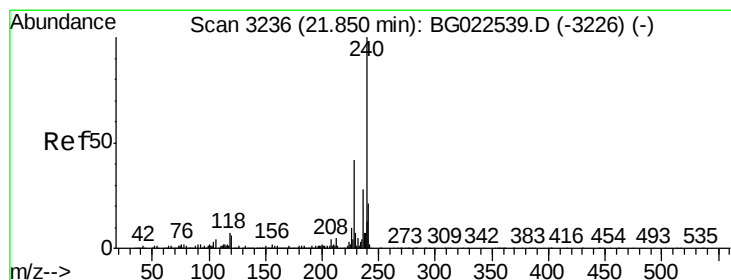
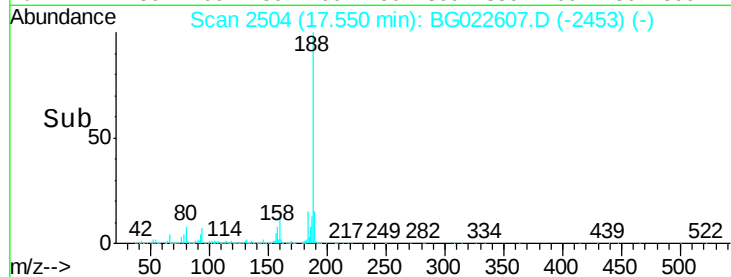
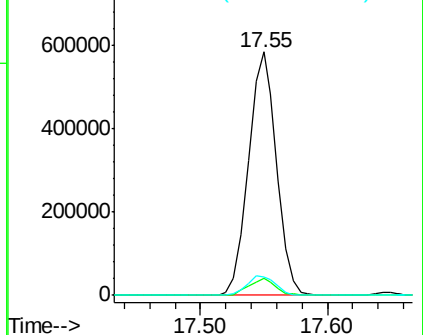
80 7.7 7.2 10.8



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: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

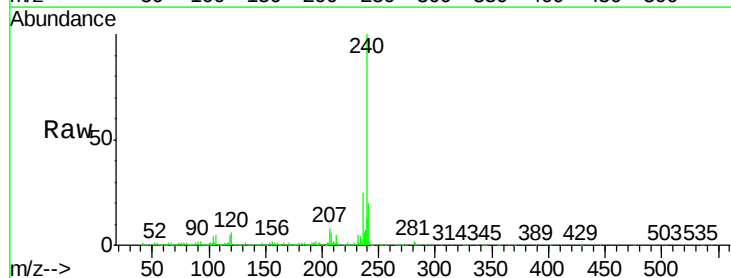
Tgt Ion:240 Resp: 1038966

Ion Ratio Lower Upper

240 100

120 5.6 4.1 6.1

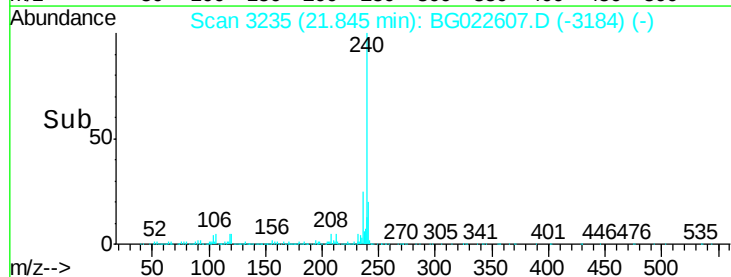
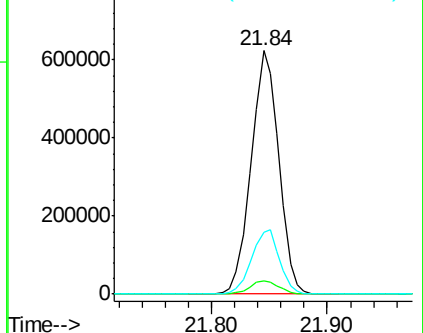
236 25.4 21.1 31.7

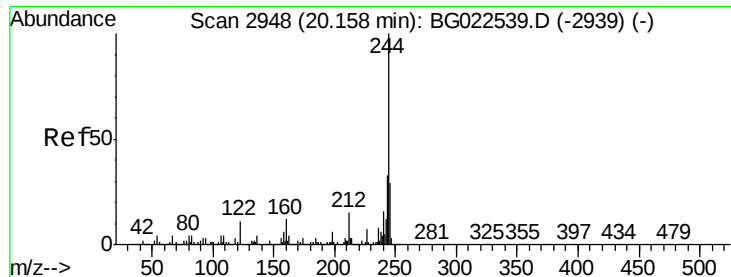


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.61 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

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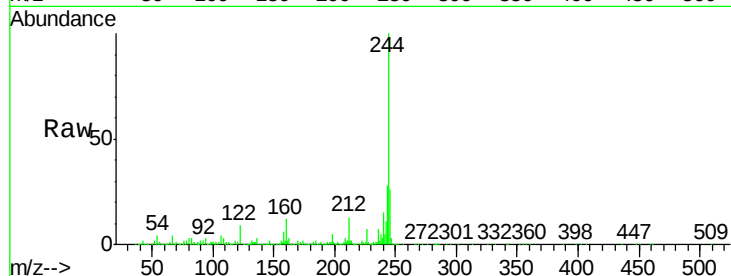
Tgt Ion:244 Resp: 2533827

Ion Ratio Lower Upper

244 100

212 12.8 10.8 16.2

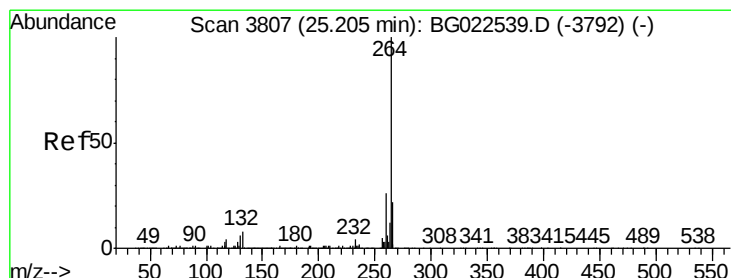
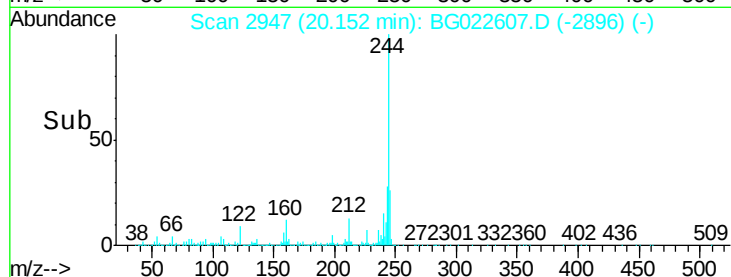
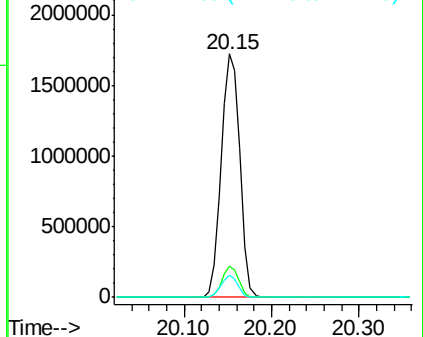
122 9.0 8.0 12.0



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: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.00 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

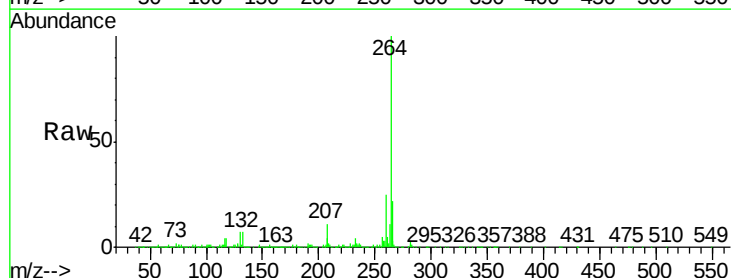
Tgt Ion:264 Resp: 1067992

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 21.9 18.9 28.3



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

