

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025544.D
 Acq On : 20 Jan 2017 18:42
 Operator : UM/SJ
 Sample : I1304-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-41-COMP

Quant Time: Jan 21 00:12:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

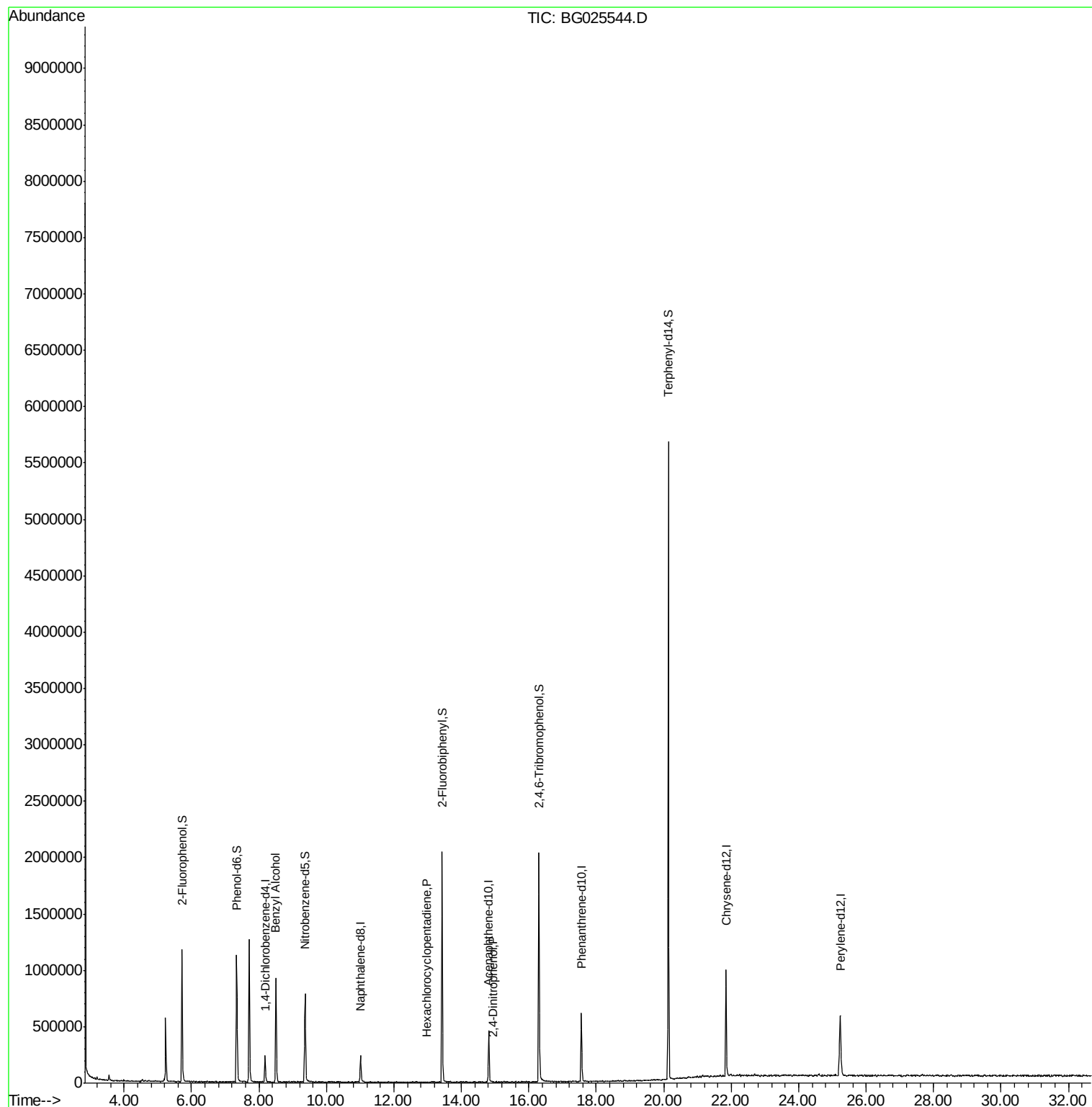
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57043	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	219821	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	167593	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	409527	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	658787	20.00	ng	-0.02
86) Perylene-d12	25.23	264	694078	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	454042	144.68	ng	-0.02
7) Phenol-d6	7.34	99	602209	136.25	ng	-0.02
23) Nitrobenzene-d5	9.37	82	501858	100.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	416398	154.33	ng	-0.01
44) 2-Fluorobiphenyl	13.43	172	1072335	103.59	ng	-0.02
78) Terphenyl-d14	20.13	244	2339918	94.17	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.50	79	10157	2.41	ng	# 58
40) Hexachlorocyclopentadiene	12.98	237	54	8.53	ng	# 1
53) 2,4-Dinitrophenol	14.95	184	63	5.11	ng	# 15

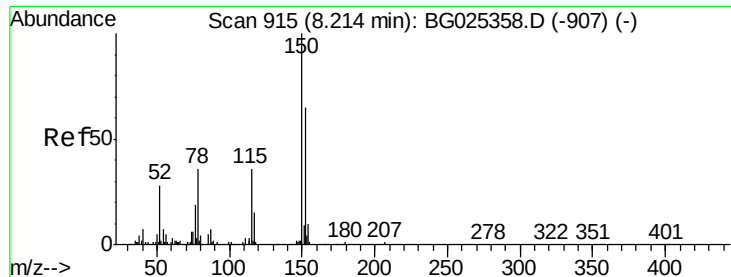
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-41-COMP

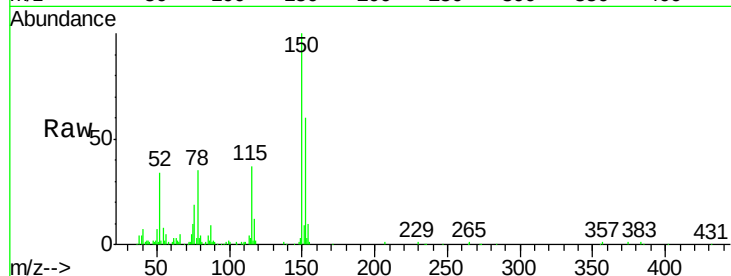
Tgt Ion:152 Resp: 57043

Ion Ratio Lower Upper

152 100

150 166.4 114.0 171.0

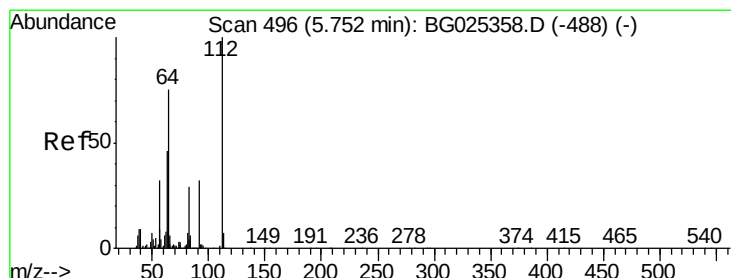
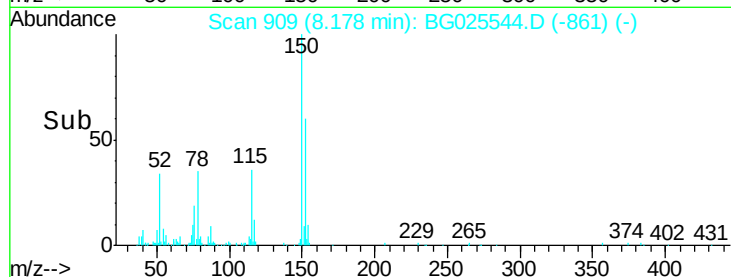
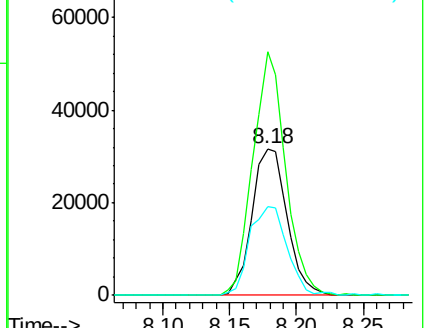
115 61.0 48.1 72.1



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: 144.68 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

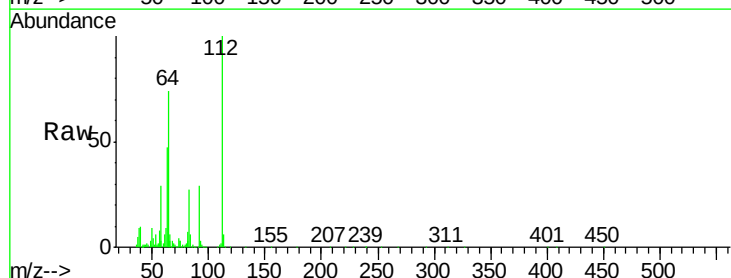
Tgt Ion:112 Resp: 454042

Ion Ratio Lower Upper

112 100

64 74.4 61.8 92.6

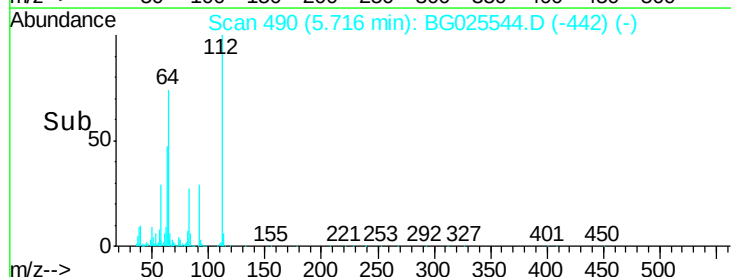
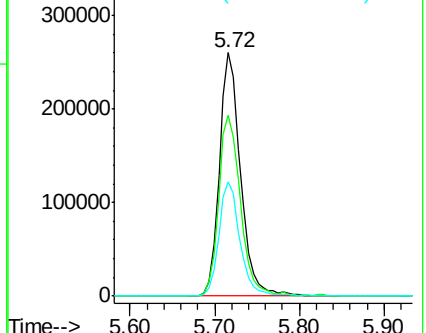
63 47.0 37.2 55.8

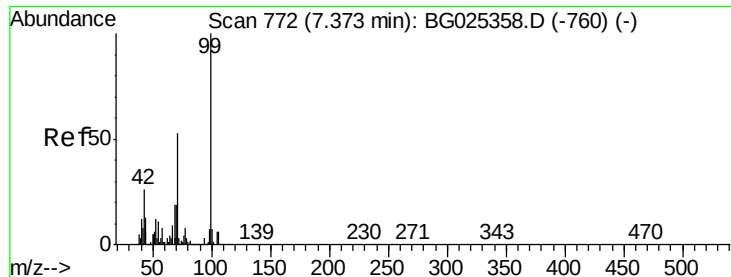


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.25 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-41-COMP

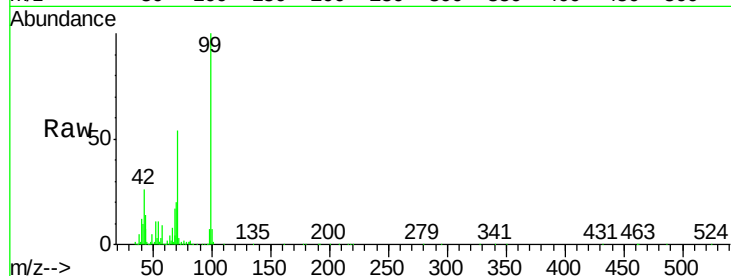
Tgt Ion: 99 Resp: 602209

Ion Ratio Lower Upper

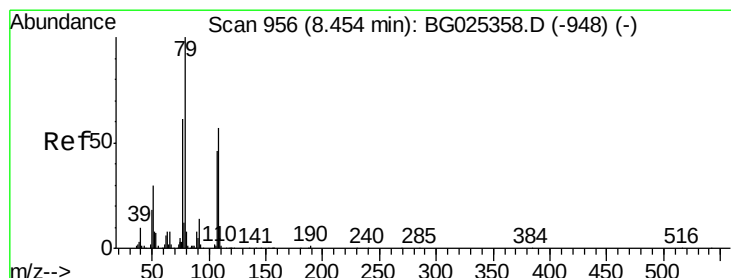
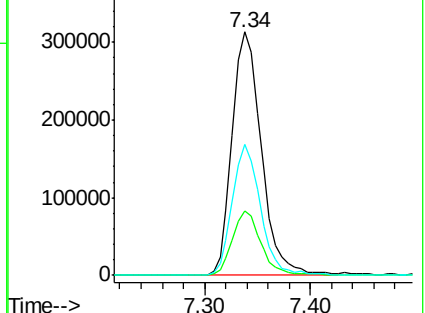
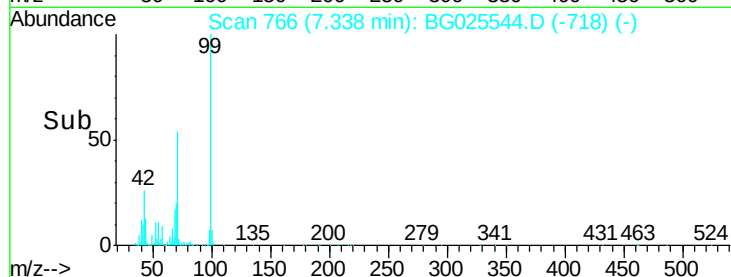
99 100

42 26.3 20.5 30.7

71 53.9 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 8.50 min Scan# 963

Delta R.T. 0.05 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

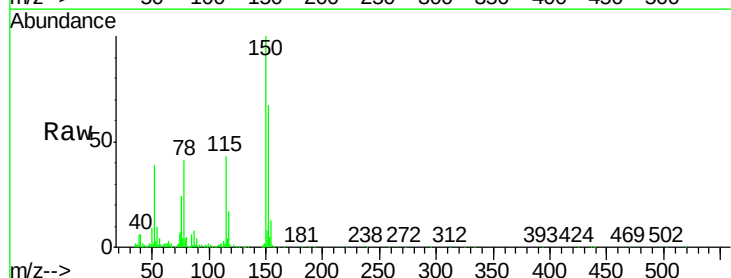
Tgt Ion: 79 Resp: 10157

Ion Ratio Lower Upper

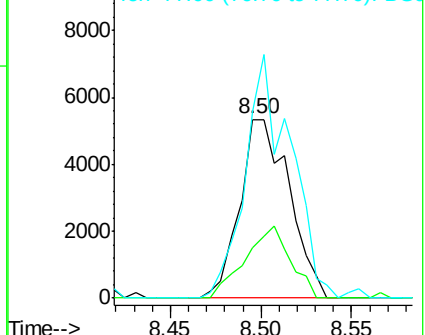
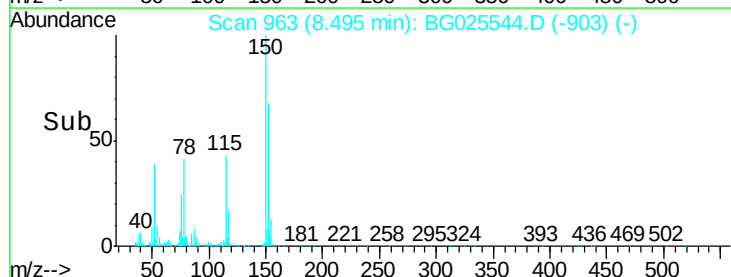
79 100

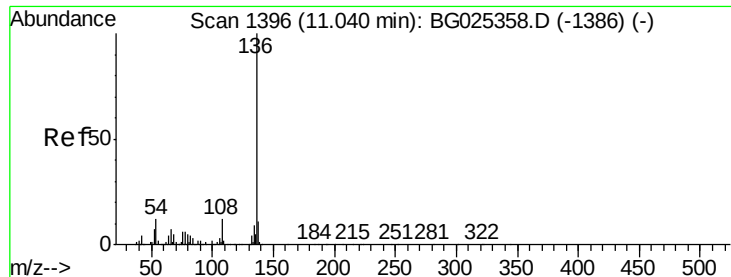
108 28.0 45.5 68.3#

77 104.2 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

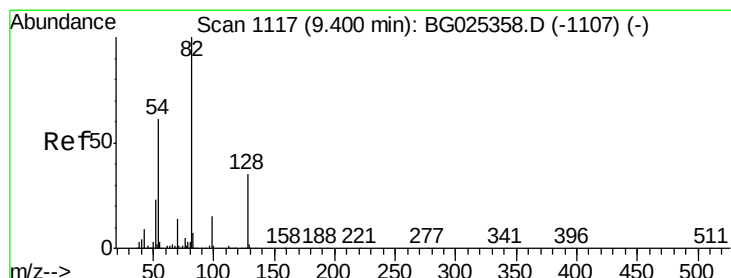
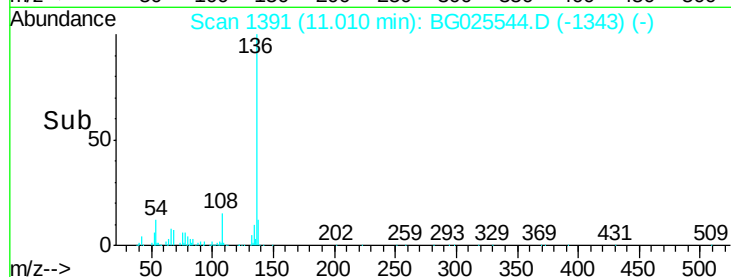
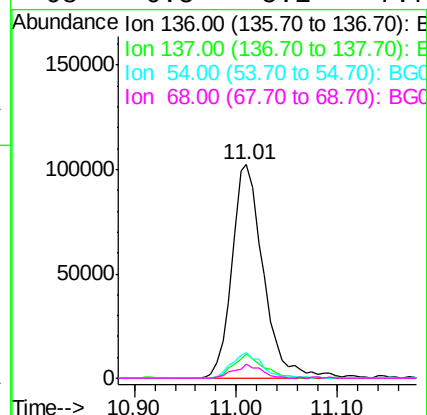
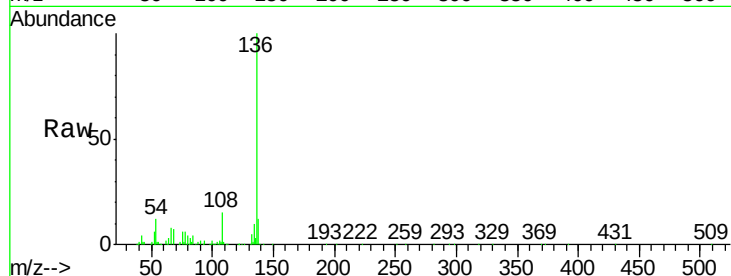




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BG025544.D
Acq: 20 Jan 2017 18:42

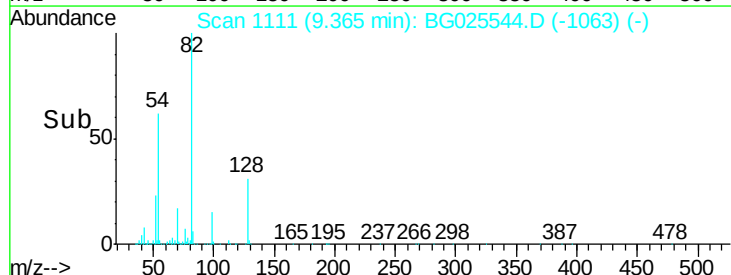
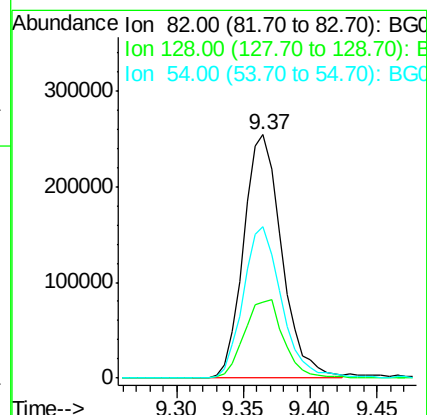
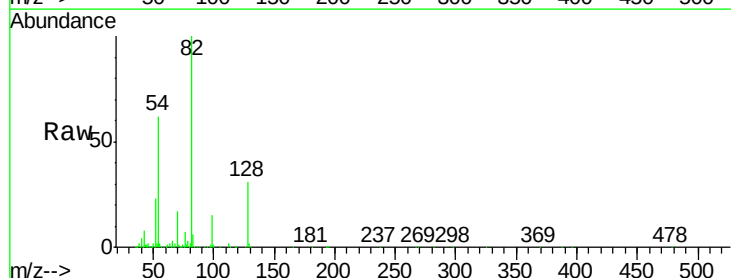
Instrument :
BNA_G
ClientSampleId :
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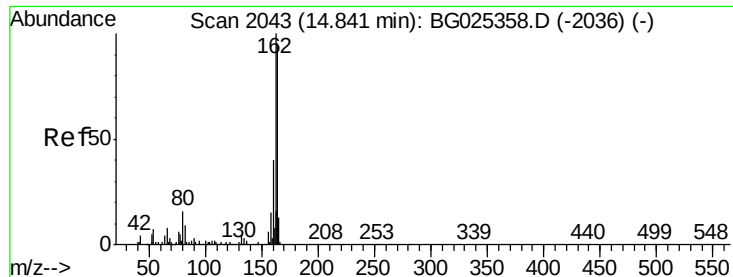
Tgt Ion:	136	Resp:	219821
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	11.9	9.3	13.9
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 100.86 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025544.D
Acq: 20 Jan 2017 18:42

Tgt Ion:	82	Resp:	501858
Ion	Ratio	Lower	Upper
82	100		
128	31.1	26.4	39.6
54	62.2	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-41-COMP

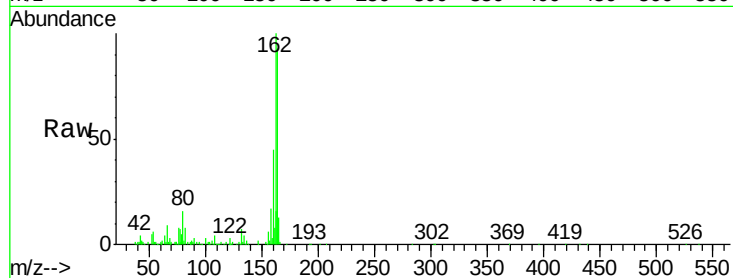
Tgt Ion:164 Resp: 167593

Ion Ratio Lower Upper

164 100

162 107.4 85.1 127.7

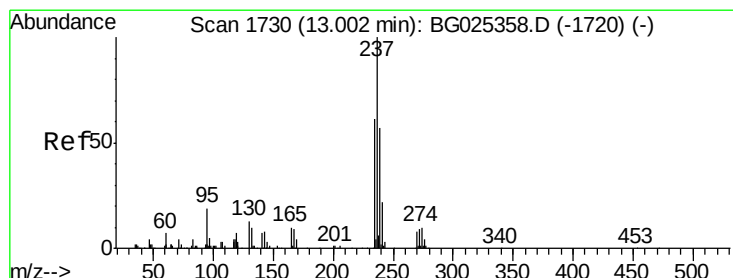
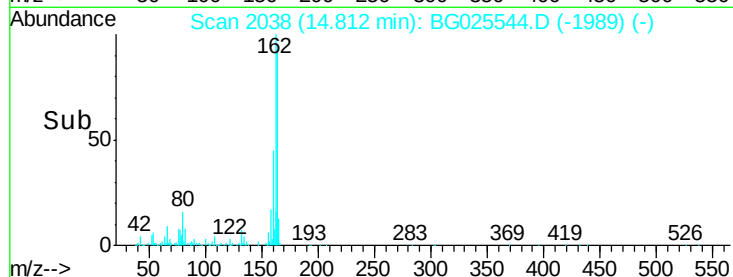
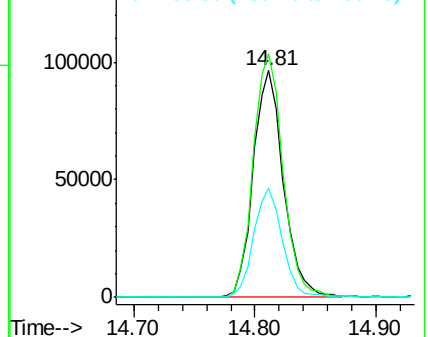
160 47.9 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 8.53 ng

RT: 12.98 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

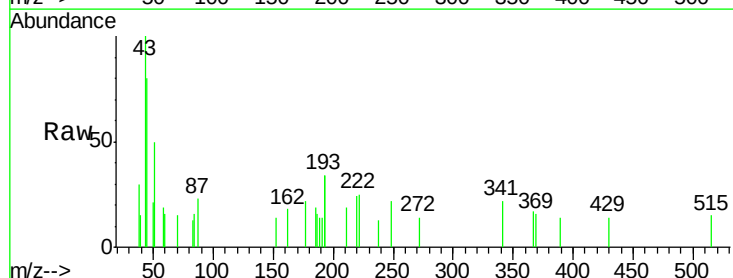
Tgt Ion:237 Resp: 54

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

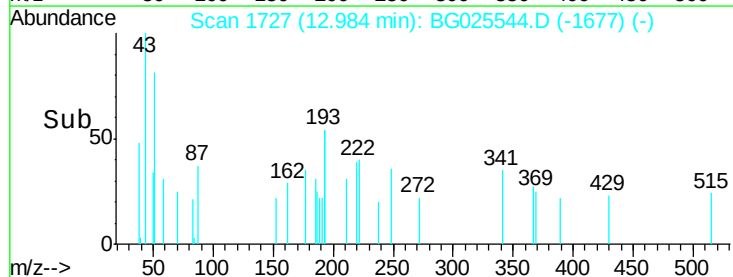
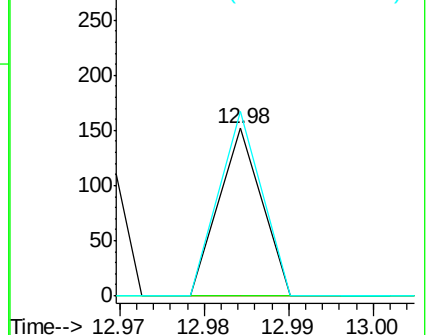
272 109.9 0.0 32.0#

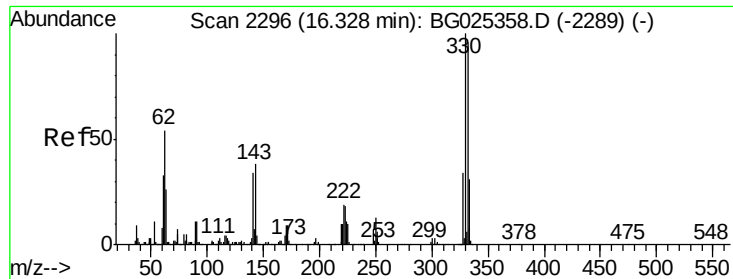


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

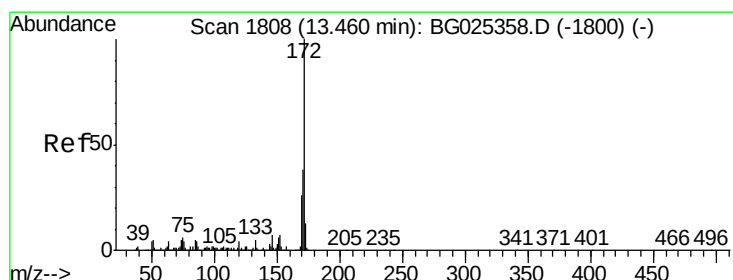
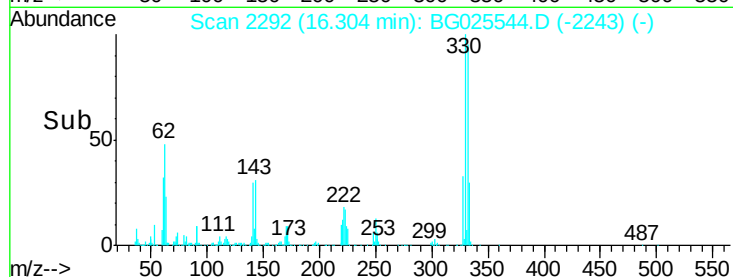
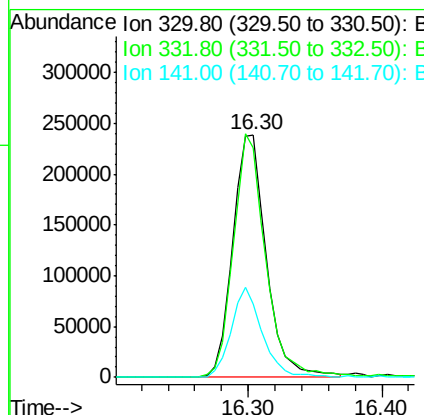
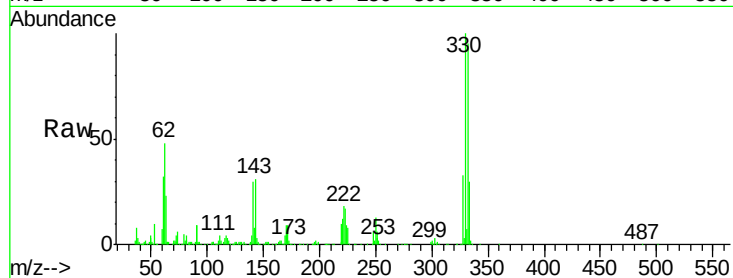




#41
2,4,6-Tribromophenol
Concen: 154.33 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG025544.D
Acq: 20 Jan 2017 18:42

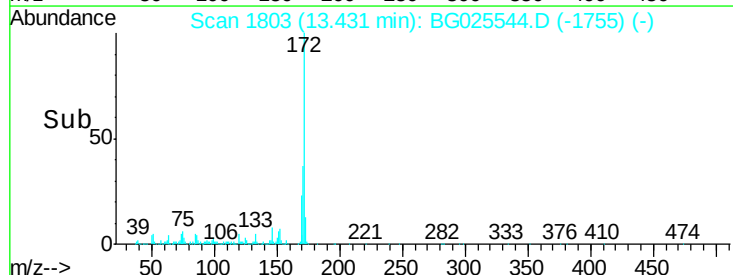
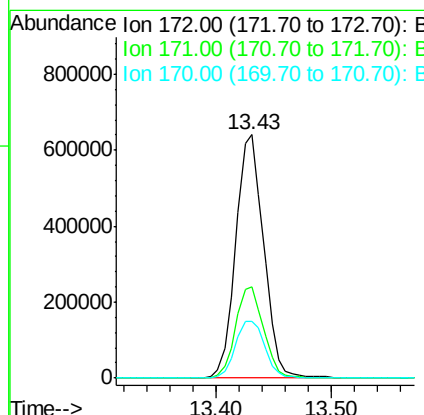
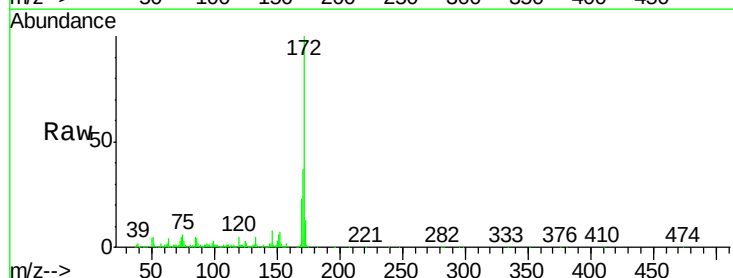
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-41-COMP

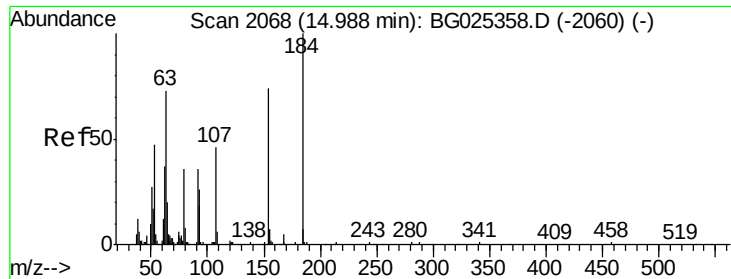
Tgt Ion:330 Resp: 416398
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.6 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 103.59 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025544.D
Acq: 20 Jan 2017 18:42

Tgt Ion:172 Resp: 1072335
Ion Ratio Lower Upper
172 100
171 37.3 32.2 48.2
170 23.5 21.8 32.6

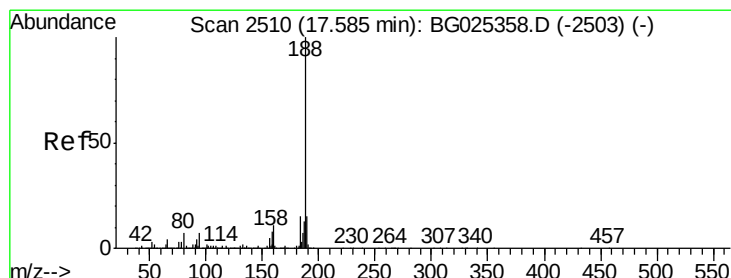
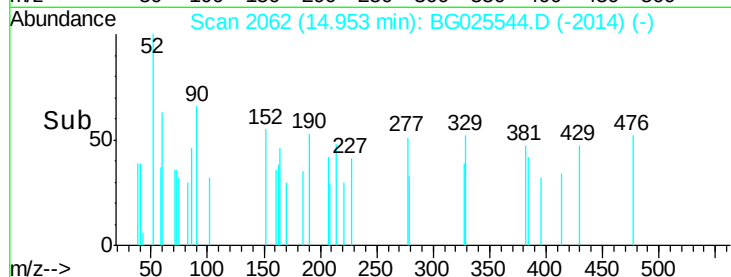
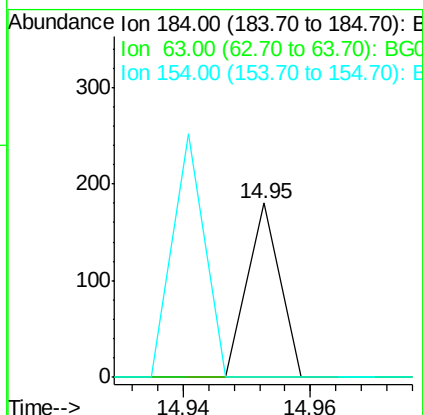
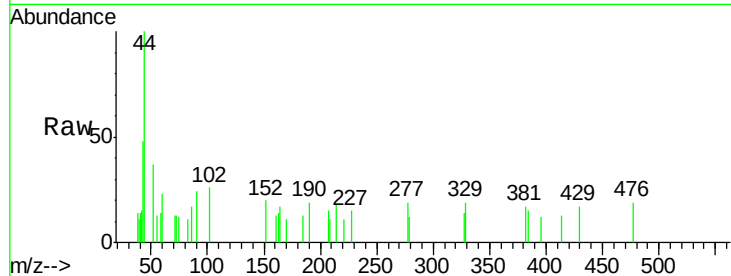




#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 14.95 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG025544.D
Acq: 20 Jan 2017 18:42

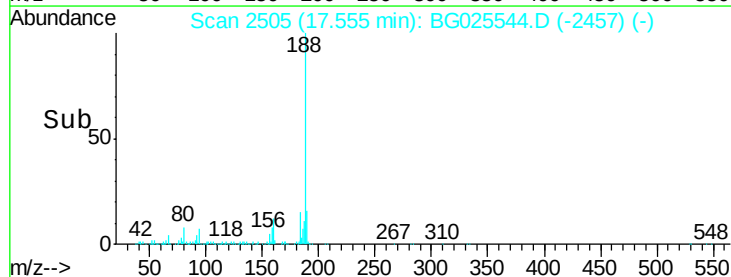
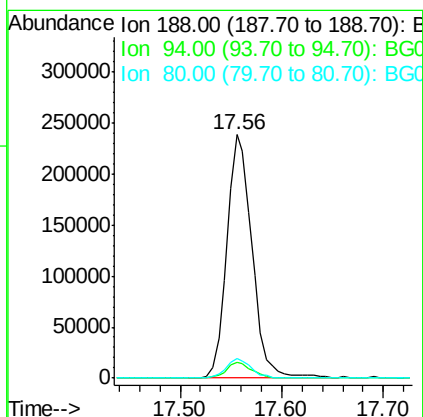
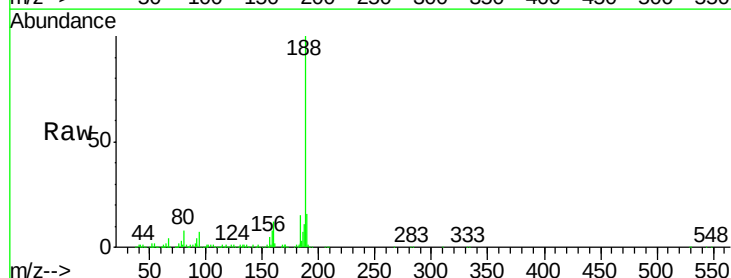
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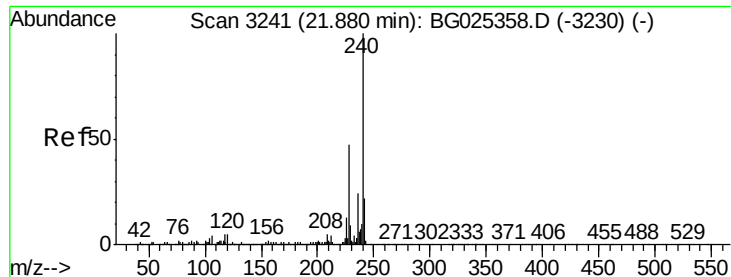
Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025544.D
Acq: 20 Jan 2017 18:42

Tgt Ion:188 Resp: 409527
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 8.0 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-41-COMP

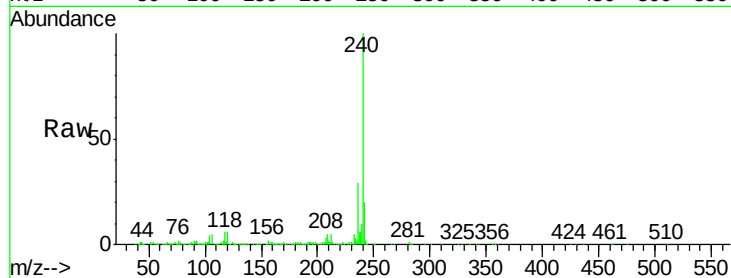
Tgt Ion:240 Resp: 658787

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

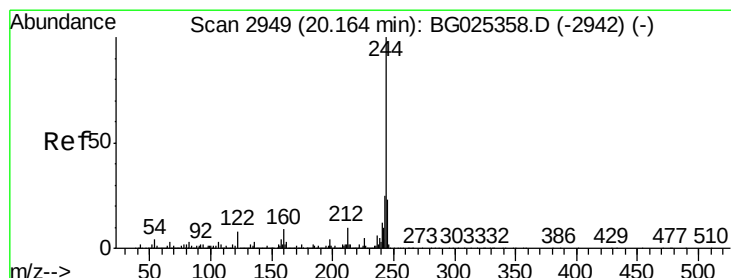
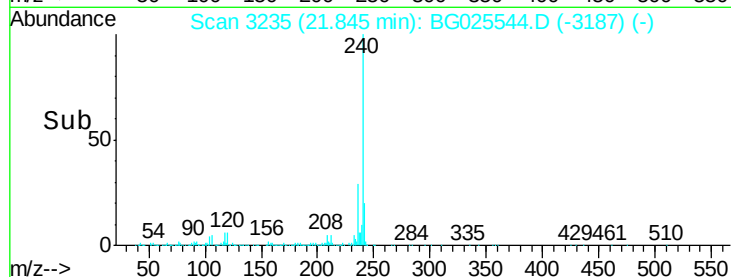
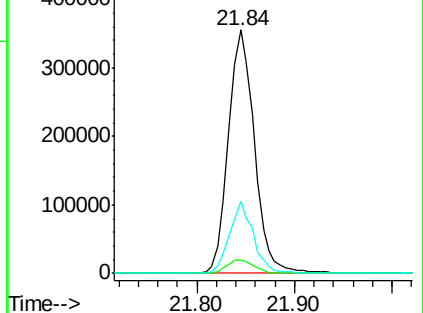
236 29.4 22.2 33.4



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: 94.17 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

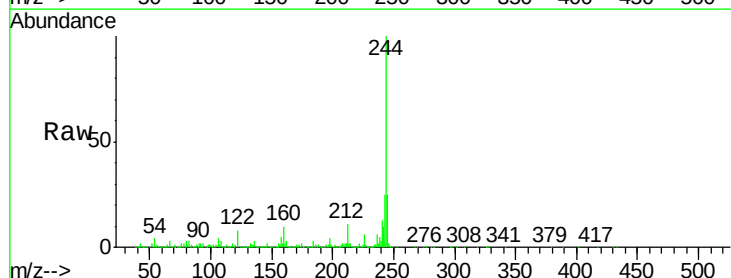
Tgt Ion:244 Resp: 2339918

Ion Ratio Lower Upper

244 100

212 10.8 10.0 15.0

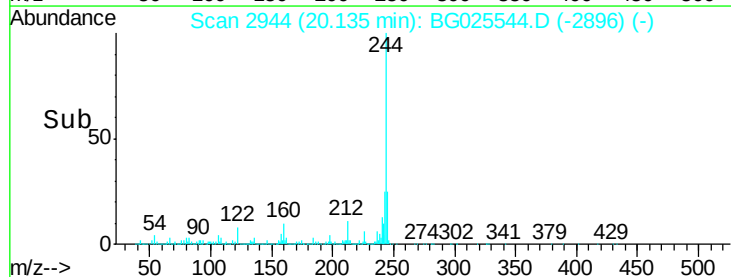
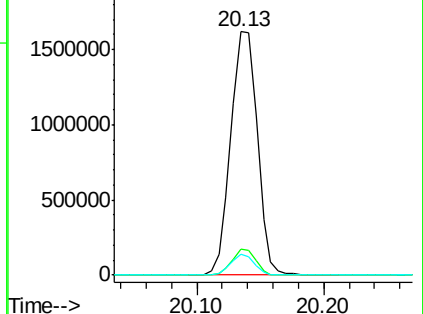
122 8.3 8.6 12.8#

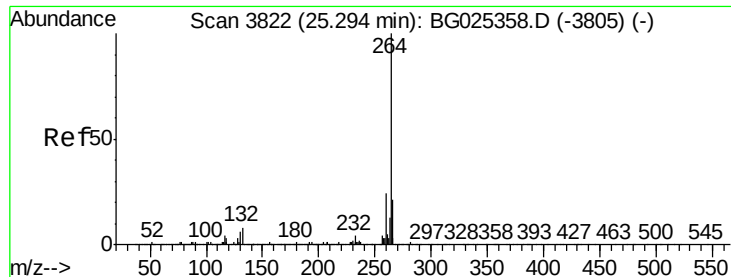


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.23 min Scan# 3812
Delta R.T. -0.03 min
Lab File: BG025544.D
Acq: 20 Jan 2017 18:42

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-41-COMP

Tgt Ion:	264	Resp:	694078
Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	20.5	18.2	27.4

