

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020317\
 Data File : BG025765.D
 Acq On : 2 Feb 2017 19:40
 Operator : SJ/MA
 Sample : PB96668BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96668BL

Quant Time: Feb 03 00:49:37 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

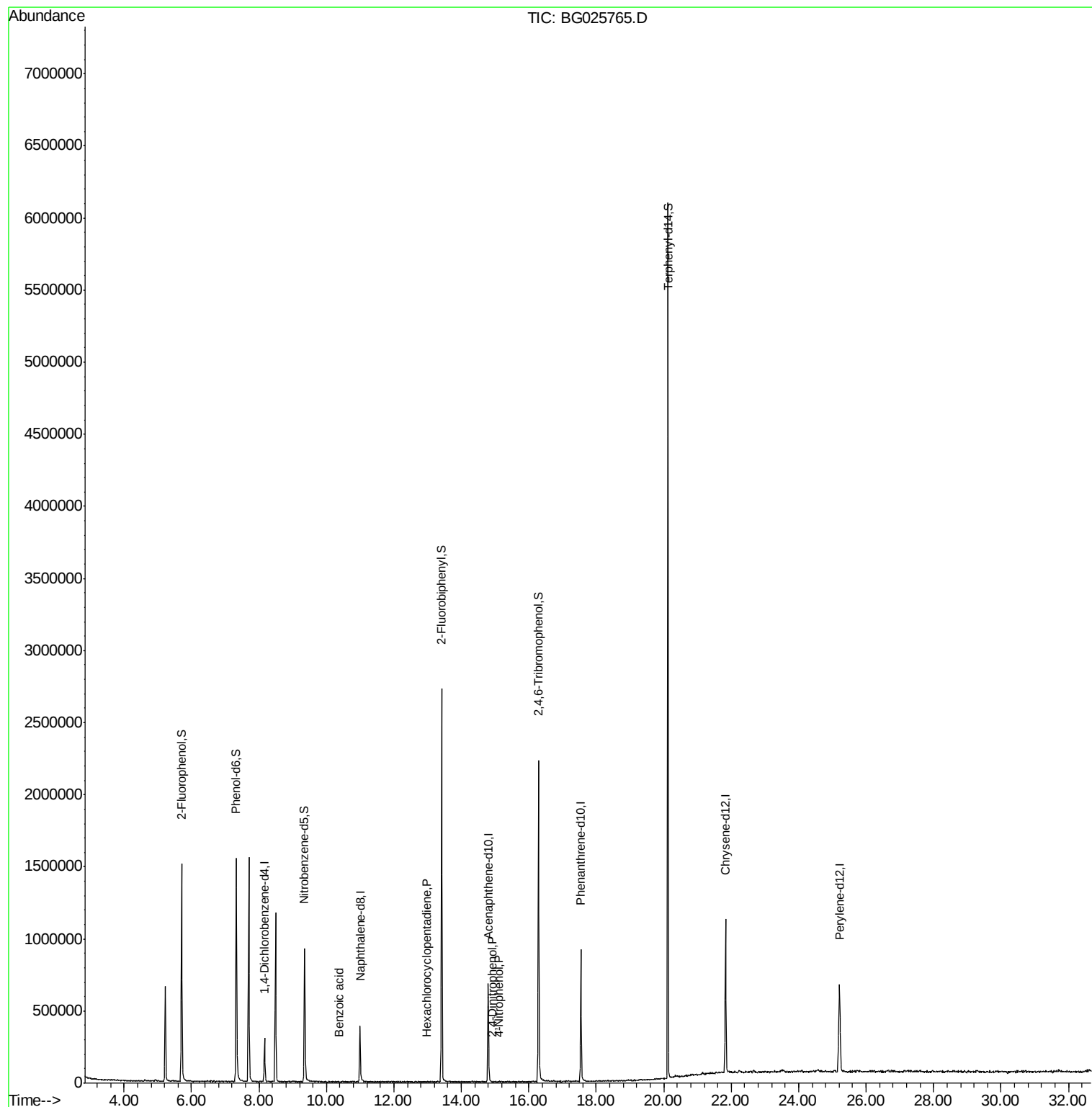
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	79480	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	334642	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	256170	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	578094	20.00	ng	0.00
75) Chrysene-d12	21.83	240	718843	20.00	ng	0.00
86) Perylene-d12	25.21	264	711394	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	620009	139.81	ng	0.00
7) Phenol-d6	7.33	99	903120	139.43	ng	0.00
23) Nitrobenzene-d5	9.35	82	641187	80.96	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	438191	119.94	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1365489	86.57	ng	0.00
78) Terphenyl-d14	20.12	244	2285610	76.74	ng	0.00
Target Compounds						
32) Benzoic acid	10.36	122	126	7.92	ng	# 1
40) Hexachlorocyclopentadiene	12.98	237	57	10.70	ng	# 29
53) 2,4-Dinitrophenol	14.91	184	61	9.46	ng	# 15
55) 4-Nitrophenol	15.11	139	86	5.61	ng	# 23

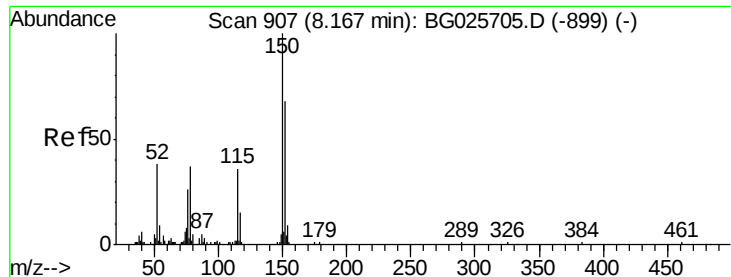
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020317\
Data File : BG025765.D
Acq On : 2 Feb 2017 19:40
Operator : SJ/MA
Sample : PB96668BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB96668BL

Quant Time: Feb 03 00:49:37 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PB96668BL

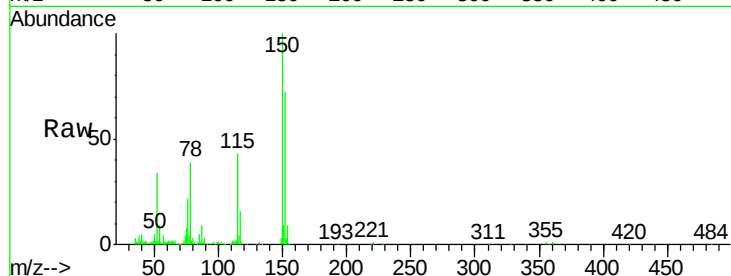
Tgt Ion:152 Resp: 79480

Ion Ratio Lower Upper

152 100

150 139.6 114.0 171.0

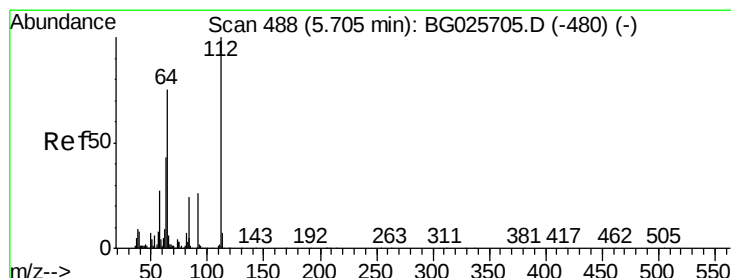
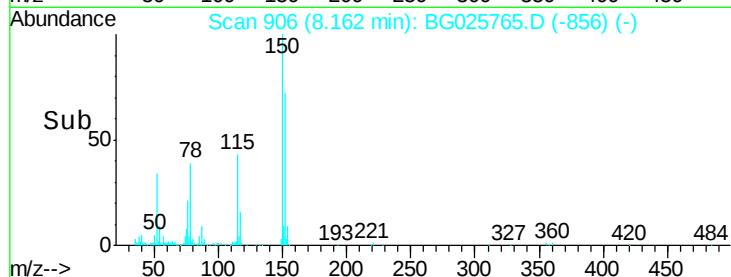
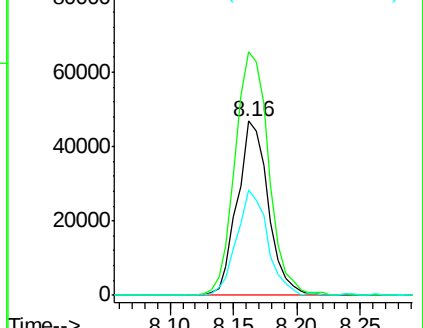
115 60.5 48.1 72.1



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: 139.81 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

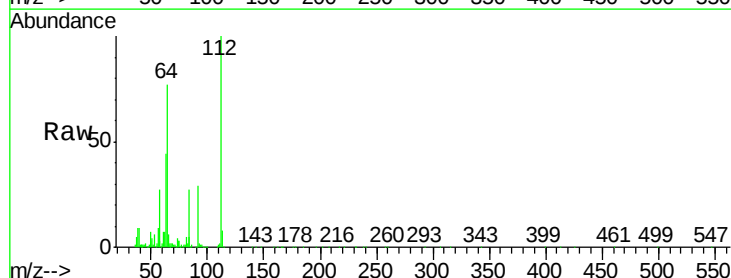
Tgt Ion:112 Resp: 620009

Ion Ratio Lower Upper

112 100

64 76.6 61.8 92.6

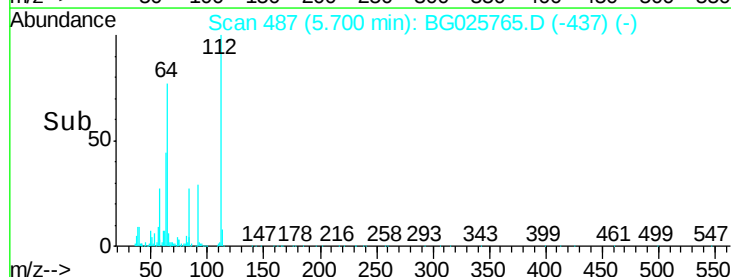
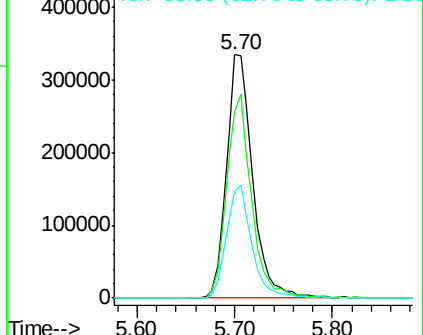
63 43.7 37.2 55.8

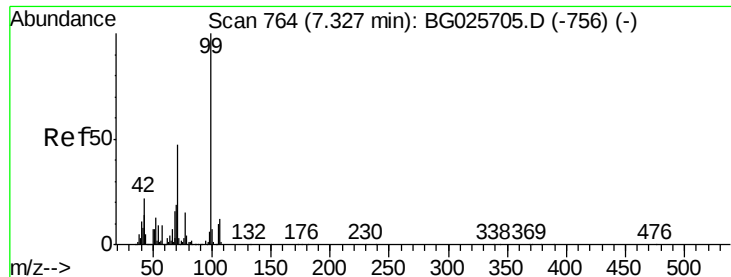


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.43 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PB96668BL

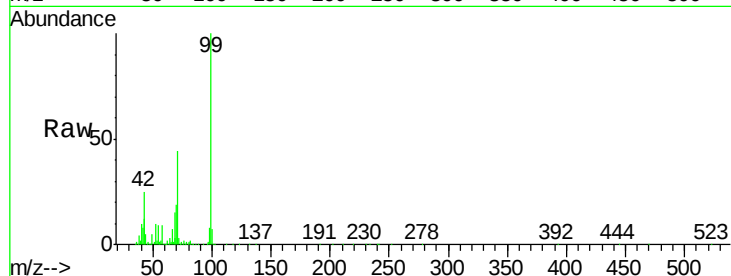
Tgt Ion: 99 Resp: 903120

Ion Ratio Lower Upper

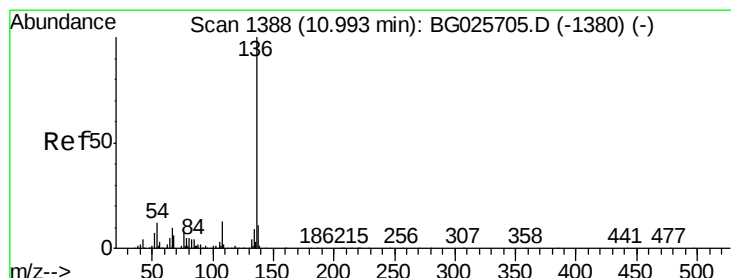
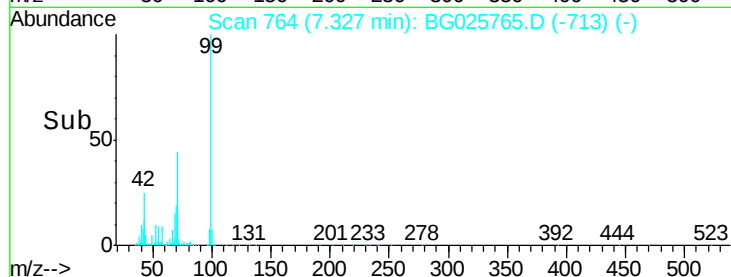
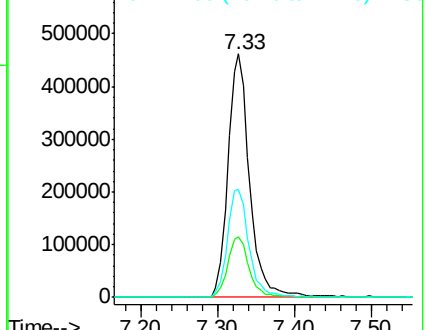
99 100

42 24.9 20.5 30.7

71 44.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Tgt Ion: 136 Resp: 334642

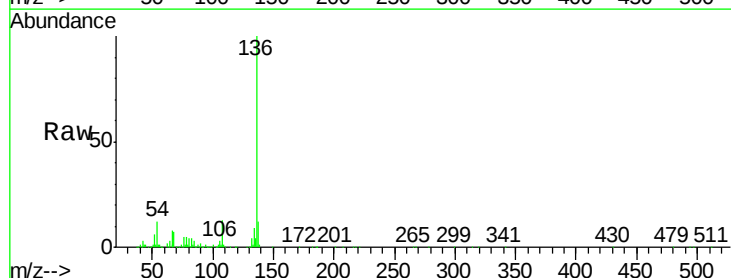
Ion Ratio Lower Upper

136 100

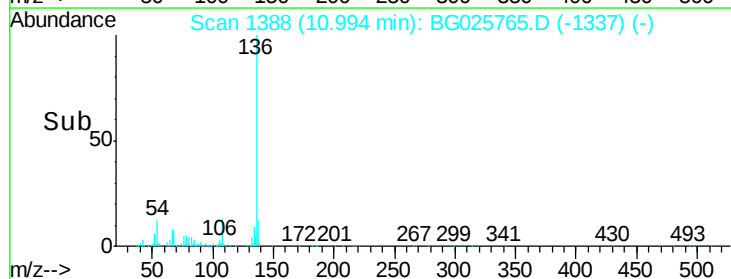
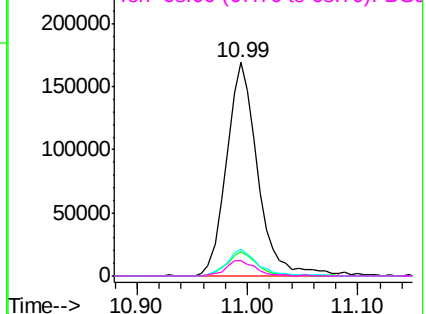
137 11.5 8.9 13.3

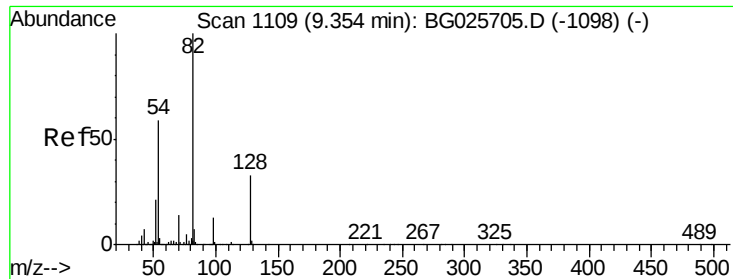
54 12.4 9.3 13.9

68 7.0 5.1 7.7



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

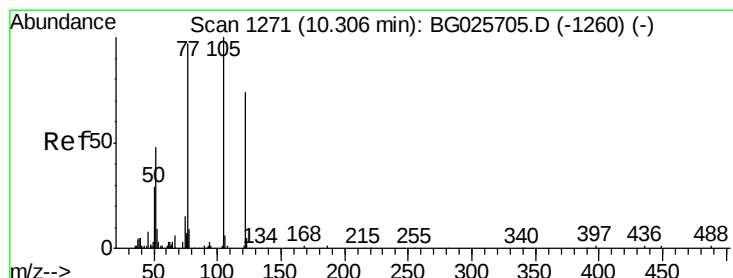
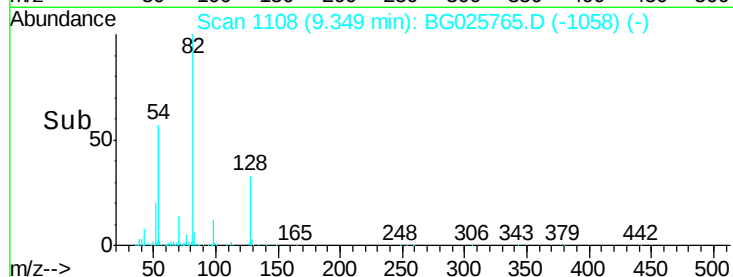
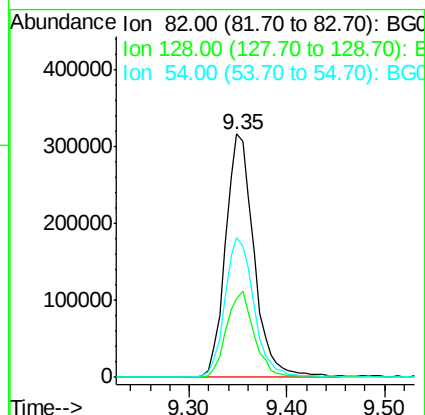
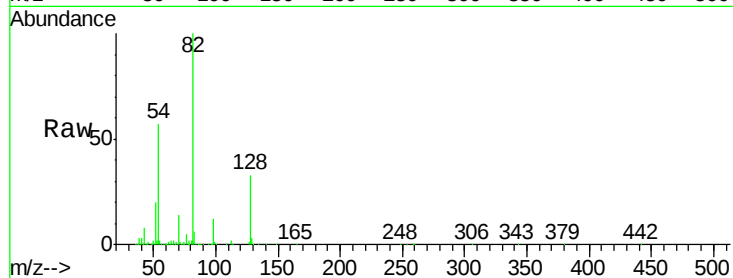




#23
 Nitrobenzene-d5
 Concen: 80.96 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025765.D
 Acq: 2 Feb 2017 19:40

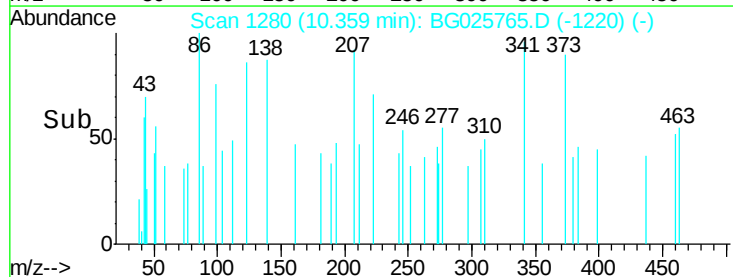
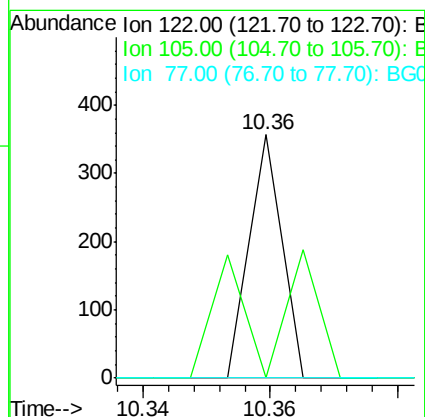
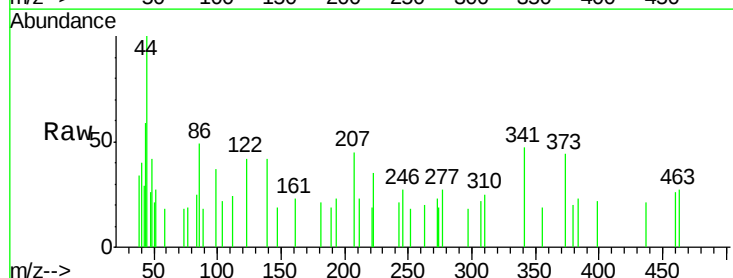
Instrument :
 BNA_G
 ClientSampleId :
 PB96668BL

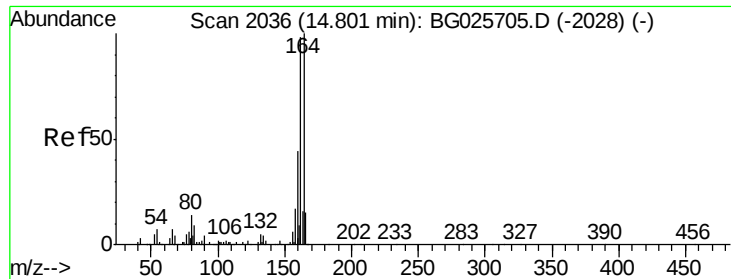
Tgt Ion: 82 Resp: 641187
 Ion Ratio Lower Upper
 82 100
 128 32.5 26.4 39.6
 54 57.3 49.4 74.2



#32
 Benzoic acid
 Concen: 7.92 ng
 RT: 10.36 min Scan# 1280
 Delta R.T. 0.05 min
 Lab File: BG025765.D
 Acq: 2 Feb 2017 19:40

Tgt Ion: 122 Resp: 126
 Ion Ratio Lower Upper
 122 100
 105 0.0 120.1 160.1#
 77 0.0 104.6 144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PB96668BL

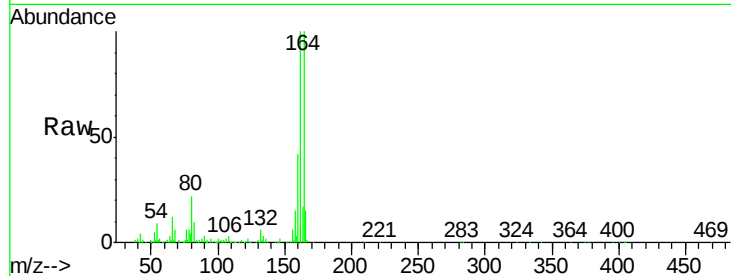
Tgt Ion:164 Resp: 256170

Ion Ratio Lower Upper

164 100

162 100.2 85.1 127.7

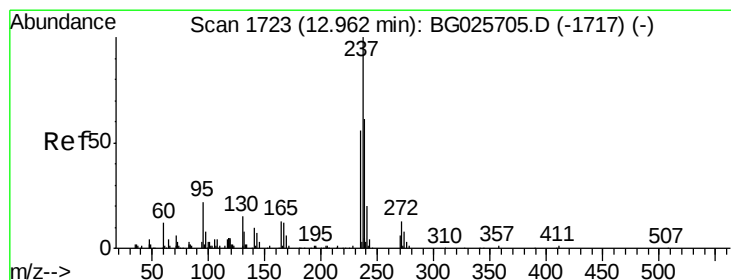
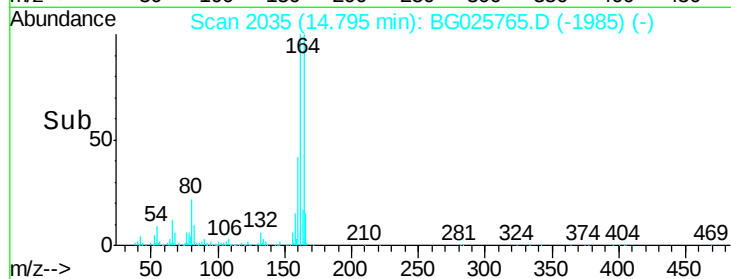
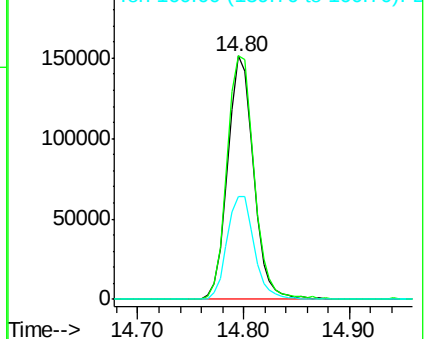
160 42.3 34.7 52.1



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: 10.70 ng

RT: 12.98 min Scan# 1726

Delta R.T. 0.02 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

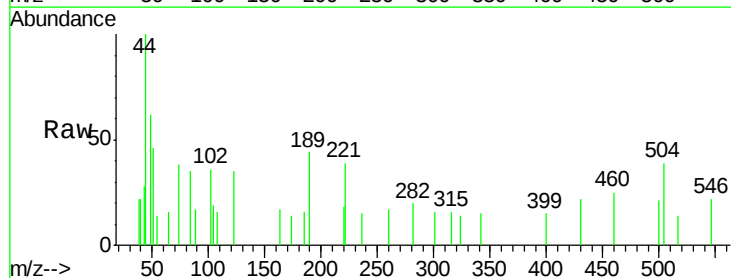
Tgt Ion:237 Resp: 57

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

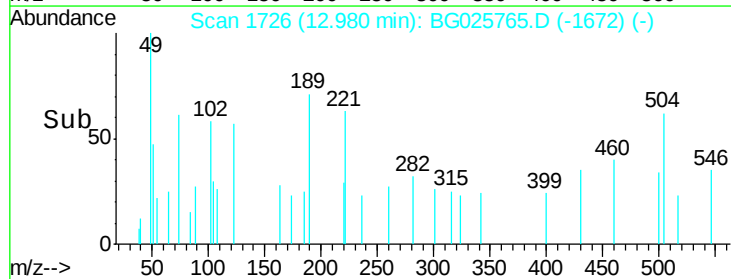
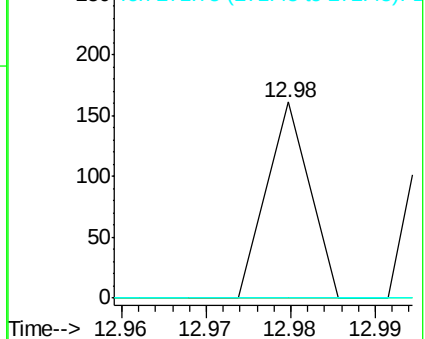
272 0.0 0.0 32.0

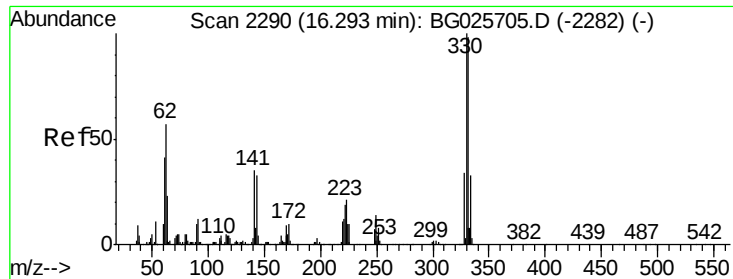


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

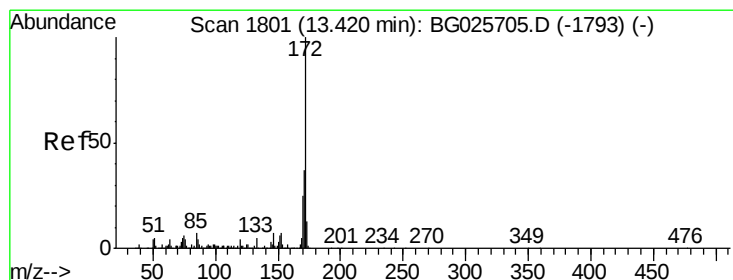
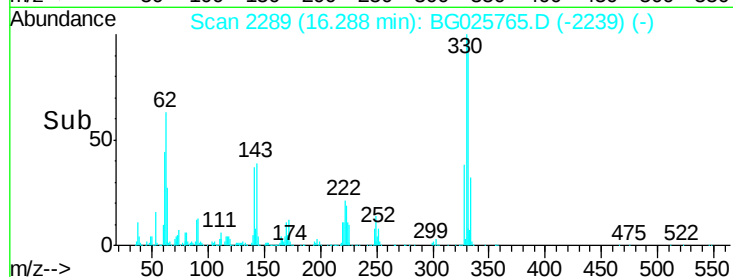
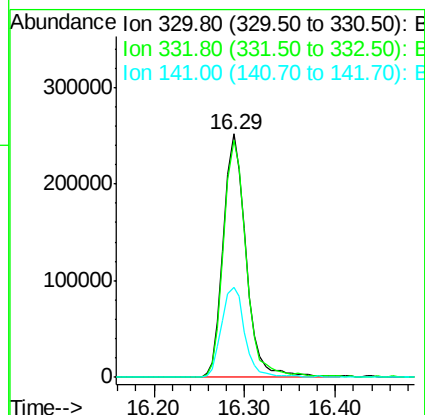
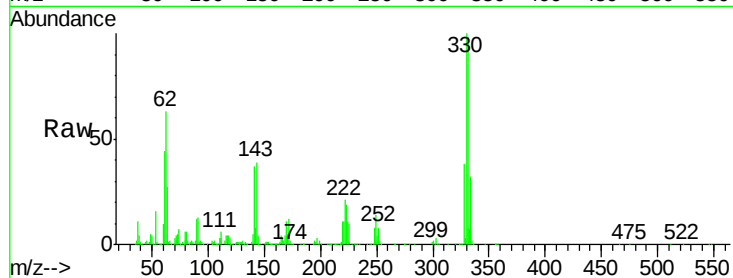




#41
 2,4,6-Tribromophenol
 Concen: 119.94 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025765.D
 Acq: 2 Feb 2017 19:40

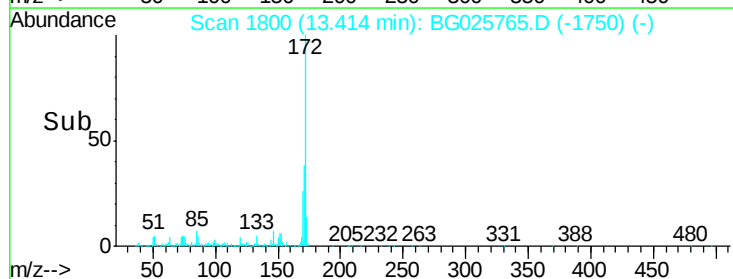
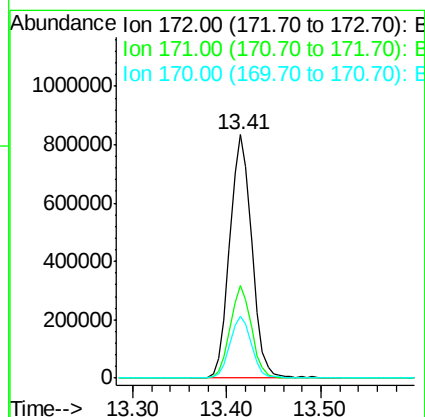
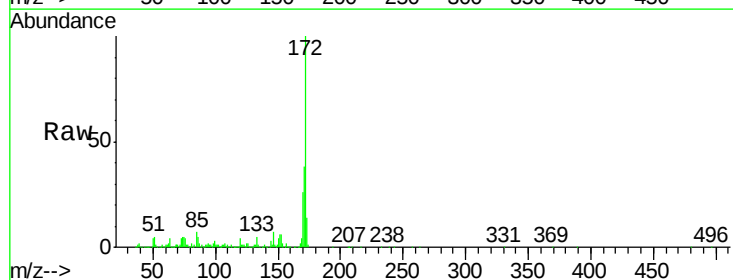
Instrument :
 BNA_G
 ClientSampleId :
 PB96668BL

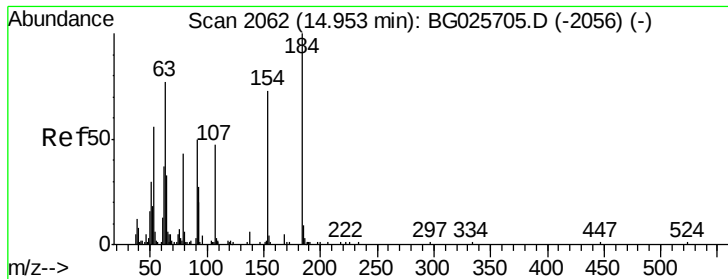
Tgt Ion:330 Resp: 438191
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 38.2 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 86.57 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025765.D
 Acq: 2 Feb 2017 19:40

Tgt Ion:172 Resp: 1365489
 Ion Ratio Lower Upper
 172 100
 171 38.2 32.2 48.2
 170 25.6 21.8 32.6

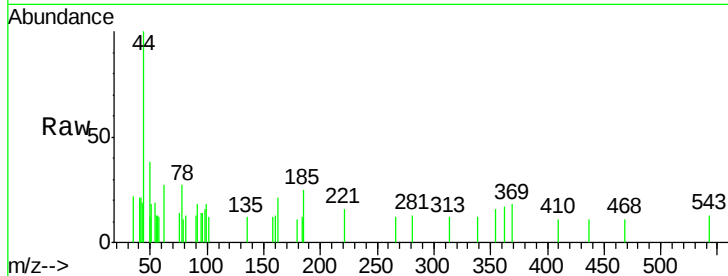




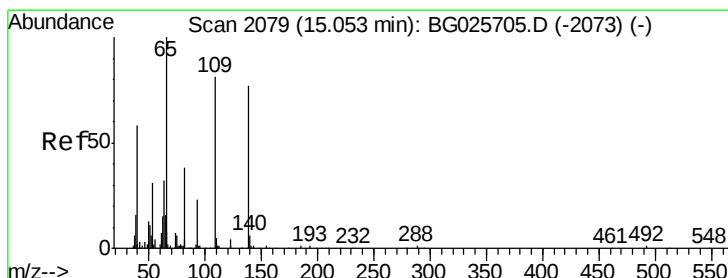
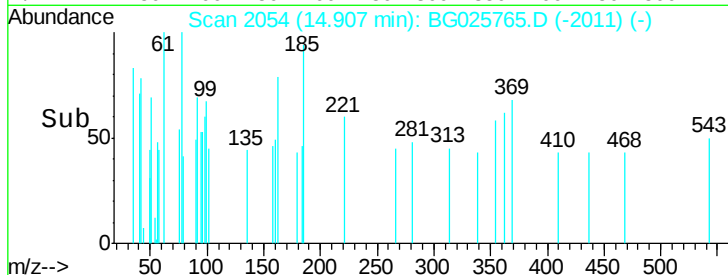
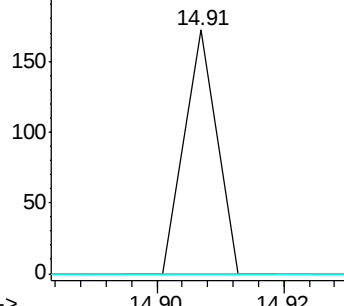
#53
2,4-Dinitrophenol
Concen: 9.46 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.05 min
Lab File: BG025765.D
Acq: 2 Feb 2017 19:40

Instrument :
BNA_G
ClientSampleId :
PB96668BL

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

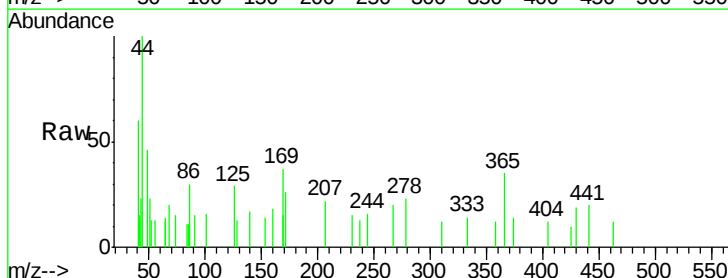


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

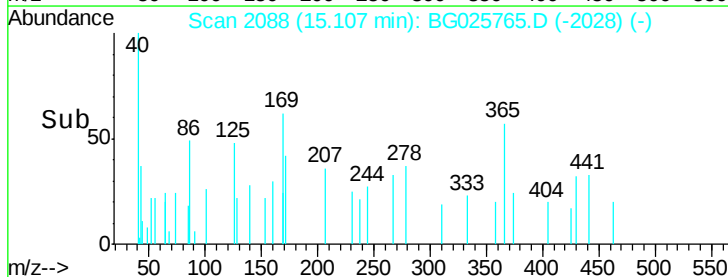
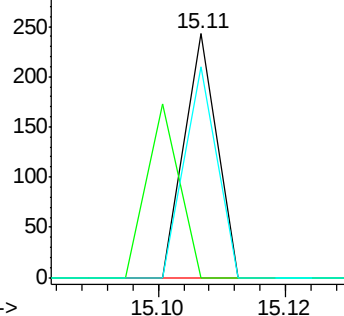


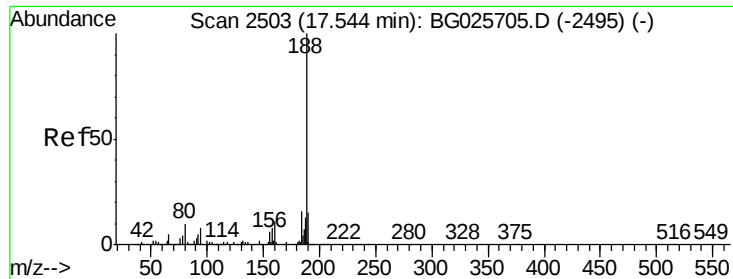
#55
4-Nitrophenol
Concen: 5.61 ng
RT: 15.11 min Scan# 2088
Delta R.T. 0.05 min
Lab File: BG025765.D
Acq: 2 Feb 2017 19:40

Tgt Ion:139 Resp: 86
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 86.4 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PB96668BL

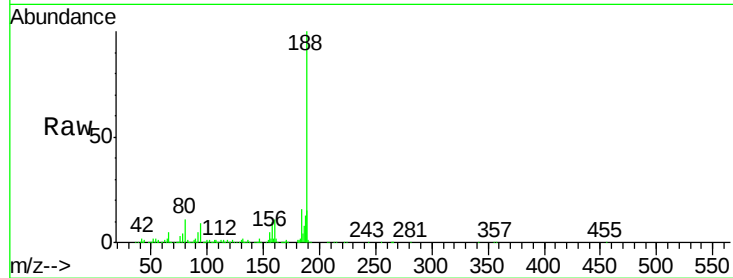
Tgt Ion:188 Resp: 578094

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

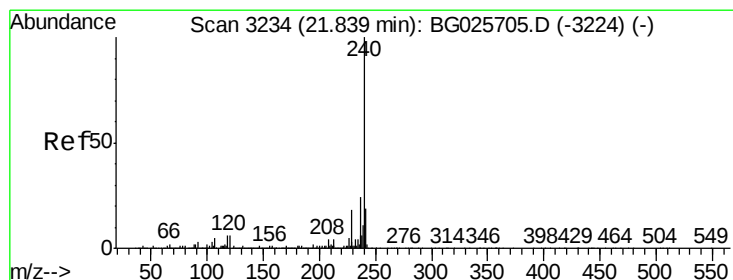
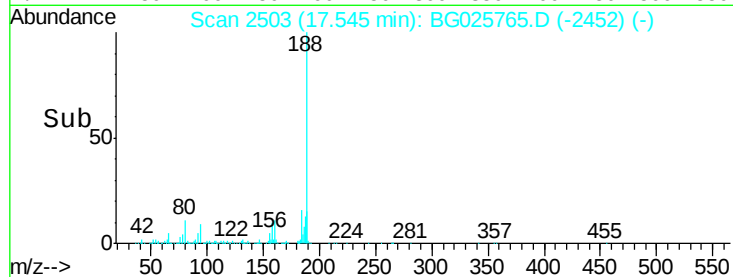
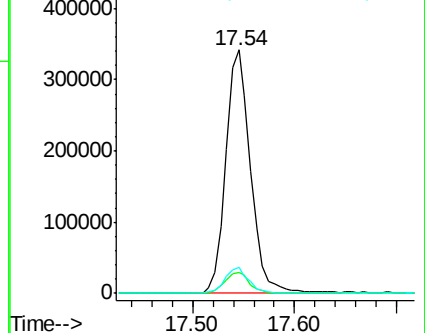
80 10.9 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

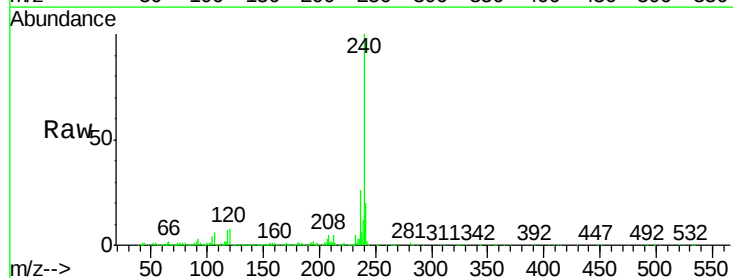
Tgt Ion:240 Resp: 718843

Ion Ratio Lower Upper

240 100

120 8.1 5.7 8.5

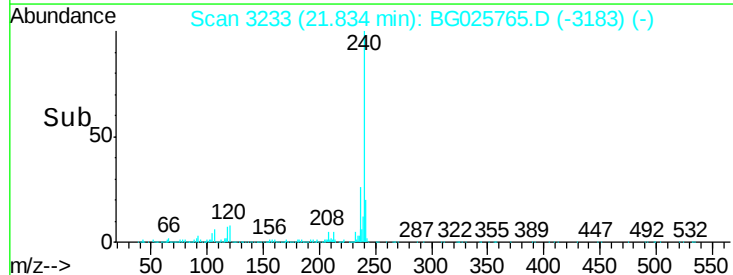
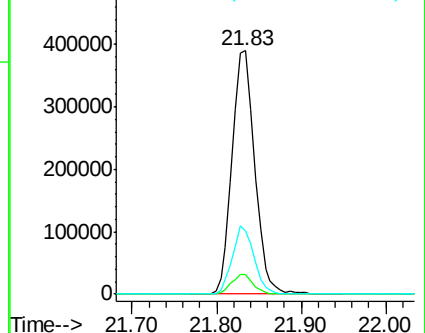
236 25.9 22.2 33.4

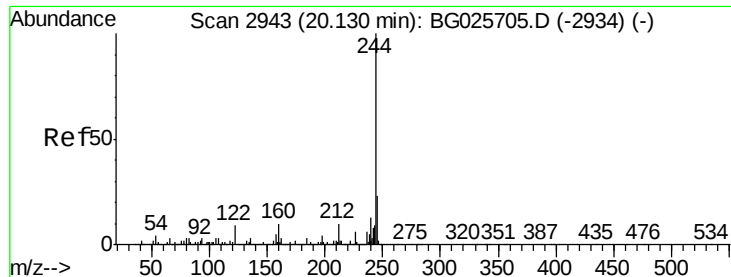


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.74 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Instrument :

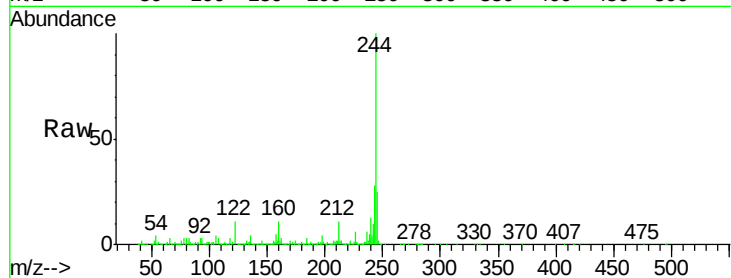
BNA_G

ClientSampleId :

PB96668BL

Tgt Ion:244 Resp: 2285610

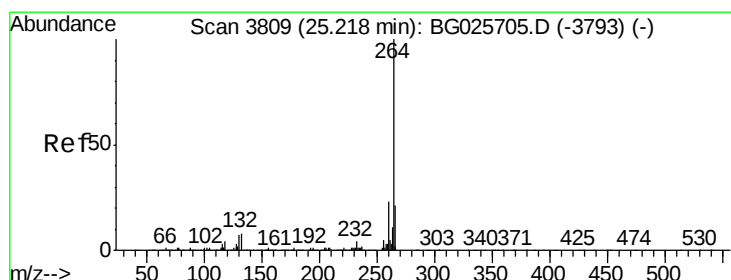
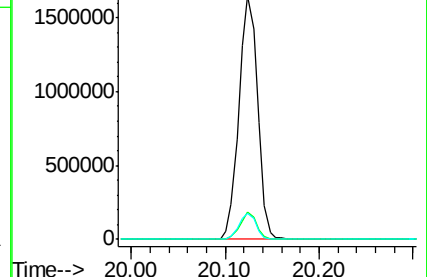
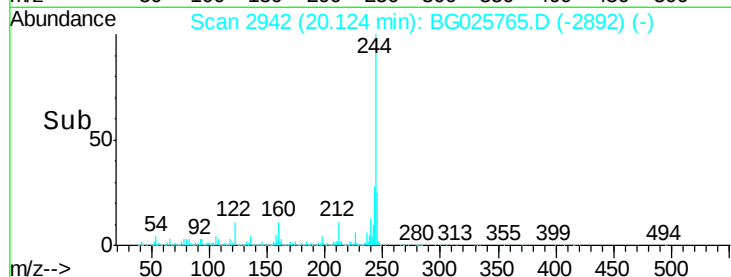
Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.0	15.0
122	10.8	8.6	12.8



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: 25.21 min Scan# 3807

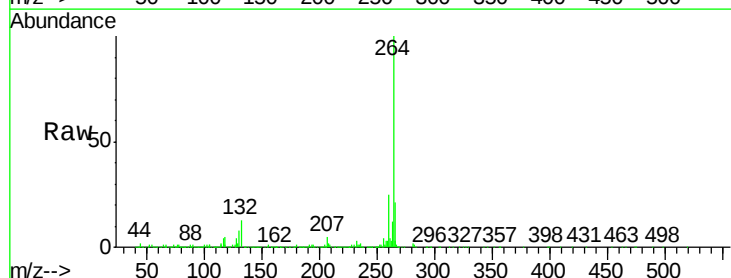
Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Tgt Ion:264 Resp: 711394

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.8	32.8
265	20.7	18.2	27.4



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

