

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021653.D
 Acq On : 14 Apr 2016 15:18
 Operator : UM/SJ
 Sample : H2512-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ACF-GW-1

Manual Integrations
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Sohil
 4/15/2016 4:44:47 PM

Quant Time: Apr 15 12:36:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	33199	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	143807	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	88209	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	210322	20.00	ng	0.00
75) Chrysene-d12	21.82	240	252402	20.00	ng	-0.01
86) Perylene-d12	25.16	264	241937	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	136235	68.34	ng	0.00
7) Phenol-d6	7.36	99	120408	40.43	ng	0.00
23) Nitrobenzene-d5	9.39	82	274640	98.16	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	147205	154.84	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	615105	102.17	ng	0.00
78) Terphenyl-d14	20.14	244	844897	83.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	16908	2.22	ng	Qvalue # 97
57) Fluorene	15.86	166	15616m	2.21	ng	
70) Phenanthrene	17.60	178	30541	2.63	ng	# 93

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

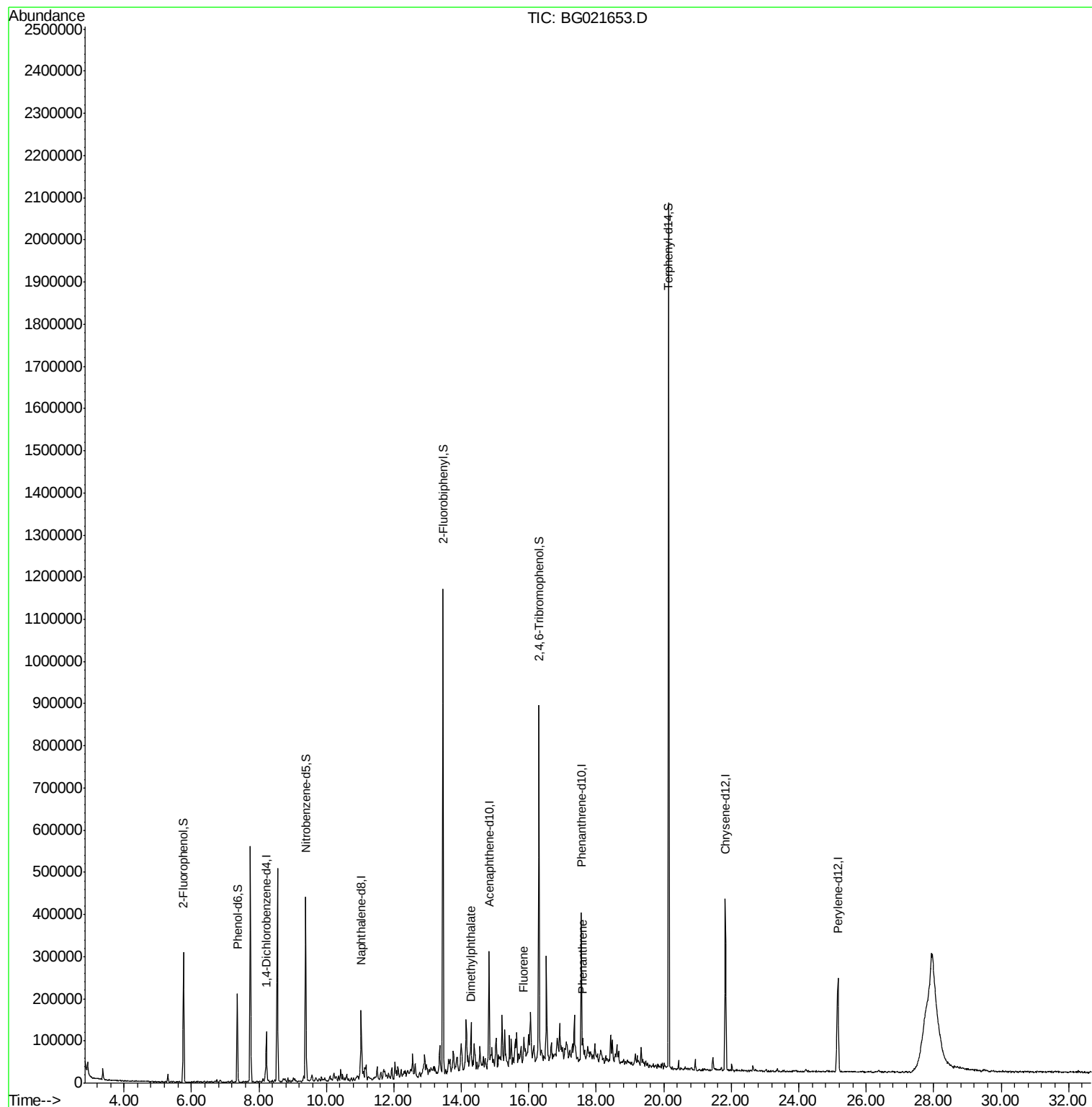
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021653.D
Acq On : 14 Apr 2016 15:18
Operator : UM/SJ
Sample : H2512-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
ACF-GW-1

Manual Integrations
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Quant Time: Apr 15 12:36:29 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration





#1

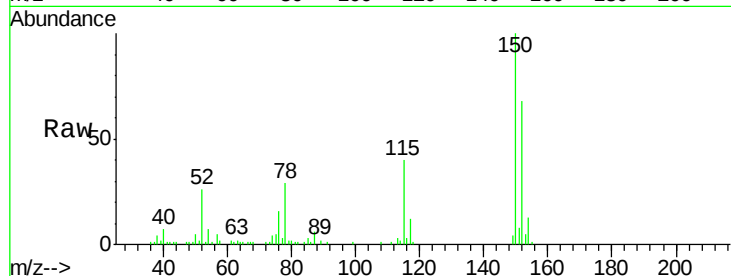
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.4	130.1	195.1
115	59.4	62.2	93.2

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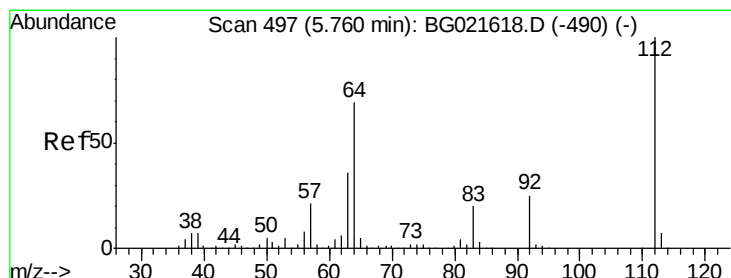
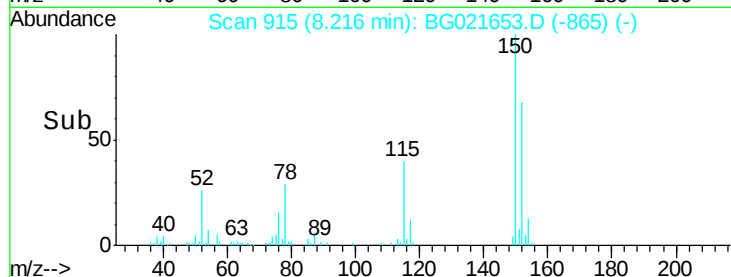
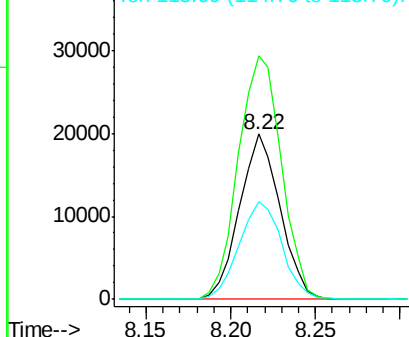


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

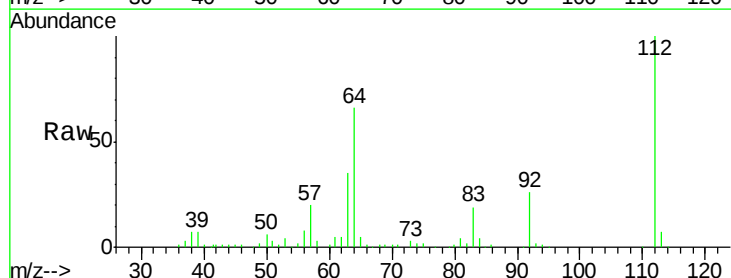
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 68.34 ng
RT: 5.77 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	51.1	76.7
63	35.1	24.6	37.0

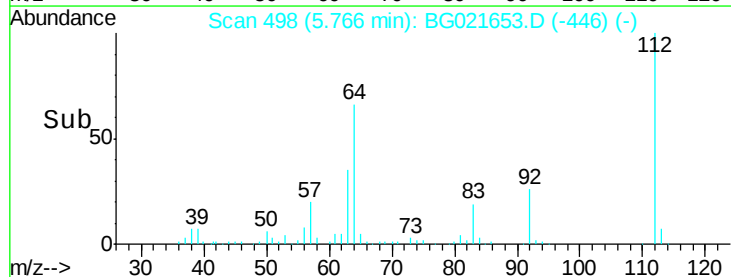
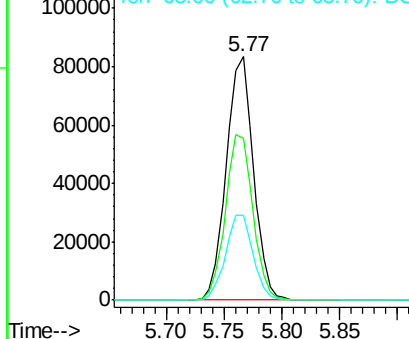


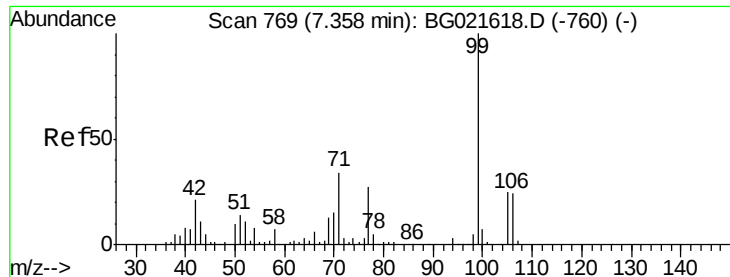
Abundance

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: 40.43 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG021653.D

Acq: 14 Apr 2016 15:18

Instrument :

BNA_G

ClientSampleId :

ACF-GW-1

Tgt Ion: 99 Resp: 120408

Ion Ratio Lower Upper

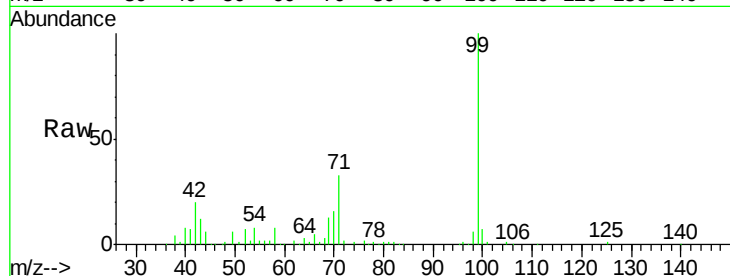
99 100

42 20.5 16.4 24.6

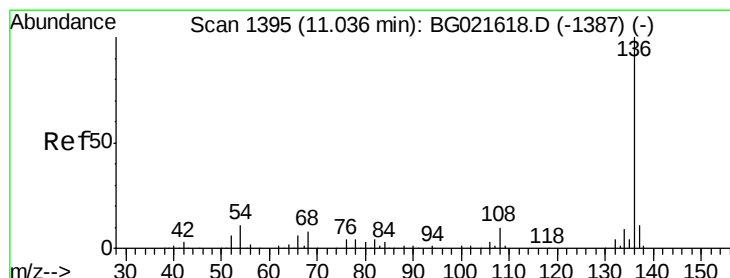
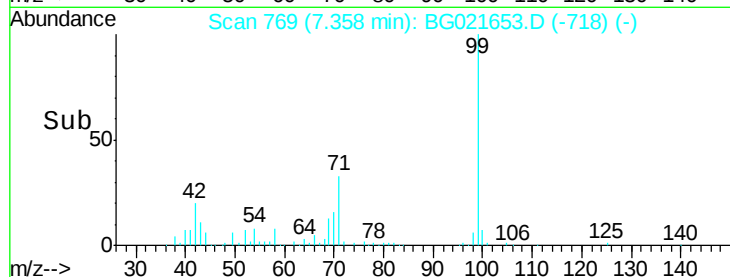
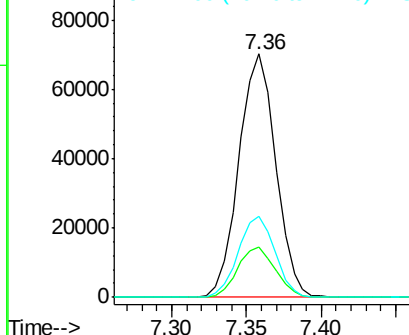
71 33.5 25.0 37.4

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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: 11.04 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BG021653.D

Acq: 14 Apr 2016 15:18

Tgt Ion: 136 Resp: 143807

Ion Ratio Lower Upper

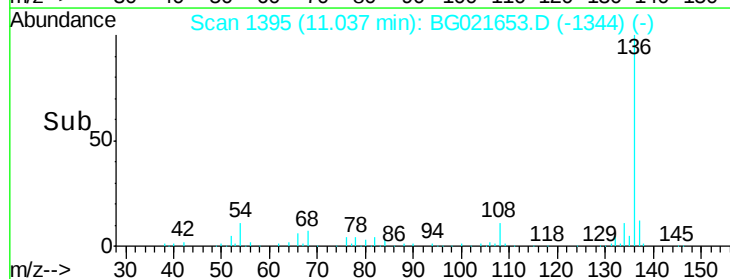
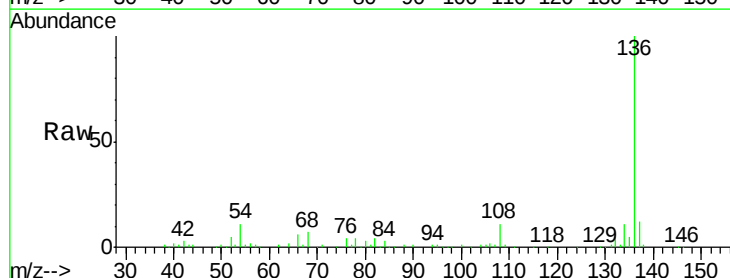
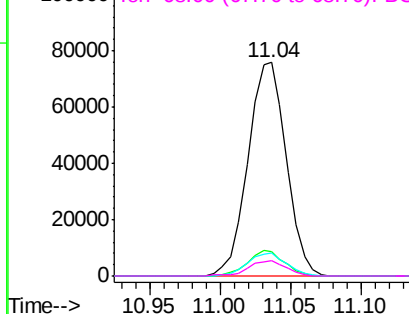
136 100

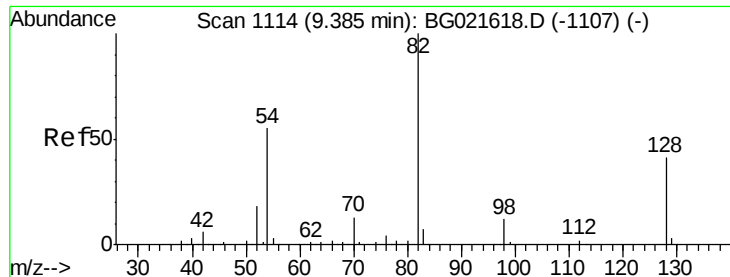
137 11.7 9.0 13.4

54 10.8 9.6 14.4

68 6.9 6.4 9.6

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





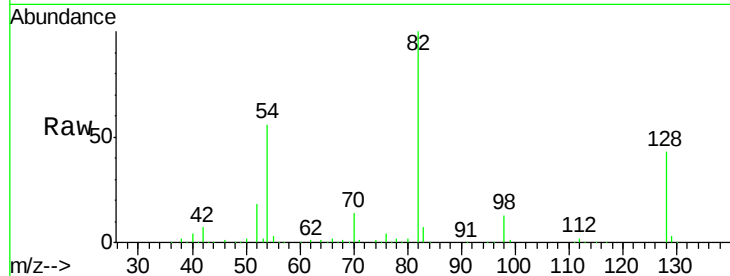
#23
 Nitrobenzene-d5
 Concen: 98.16 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG021653.D
 Acq: 14 Apr 2016 15:18

Instrument :
 BNA_G
 ClientSampleId :
 ACF-GW-1

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	274640		
128	43.4	33.4	50.0	
54	56.2	46.1	69.1	

Manual Integrations
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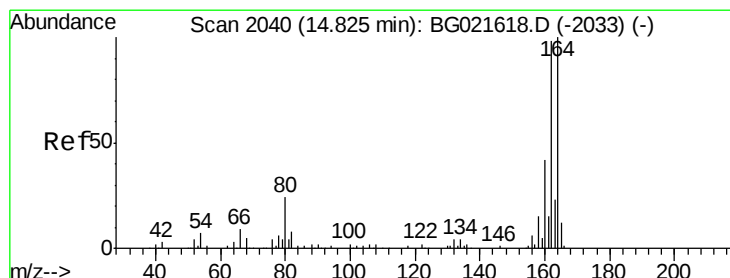
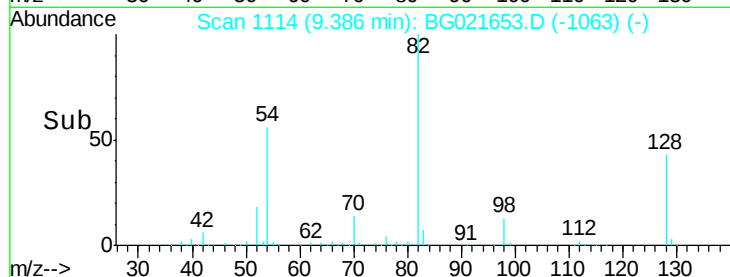
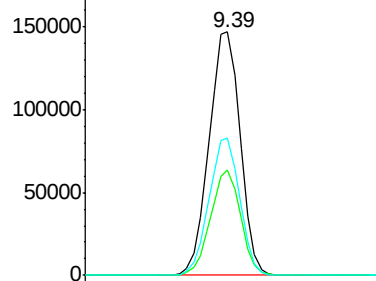


Abundance

Ion 82.00 (81.70 to 82.70): BGC

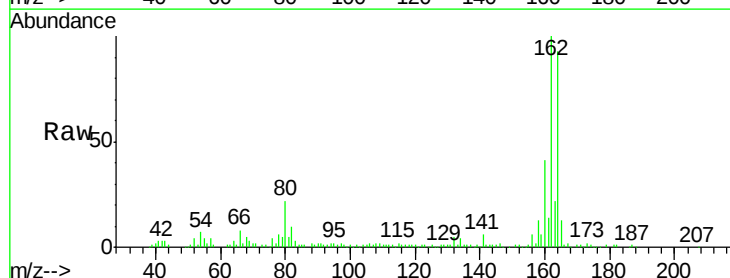
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021653.D
 Acq: 14 Apr 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	88209		
162	107.0	78.0	117.0	
160	44.1	32.9	49.3	

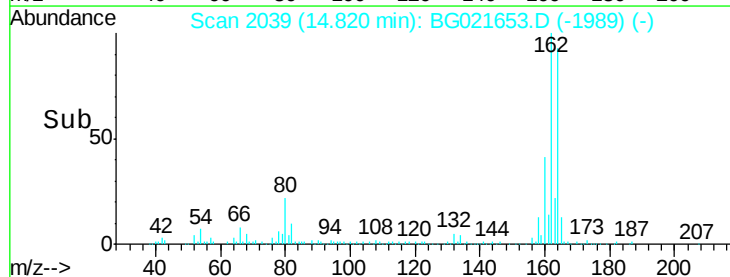
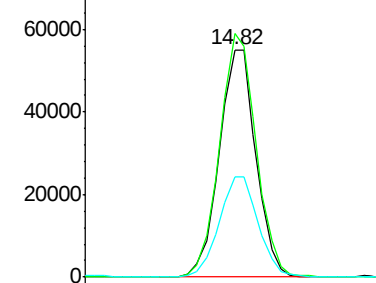


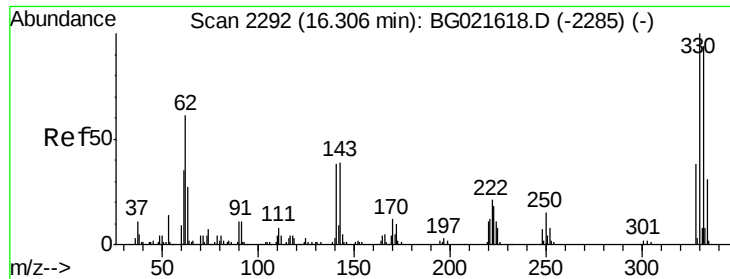
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





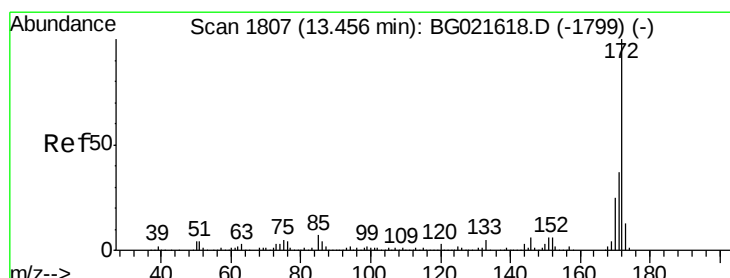
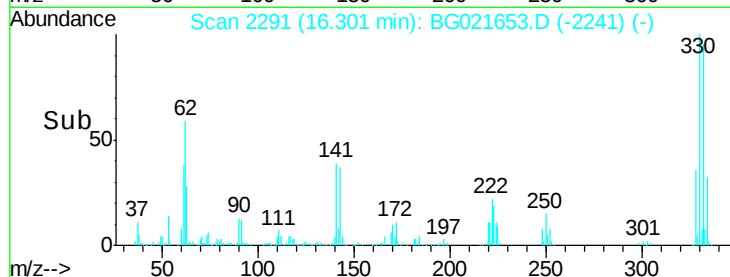
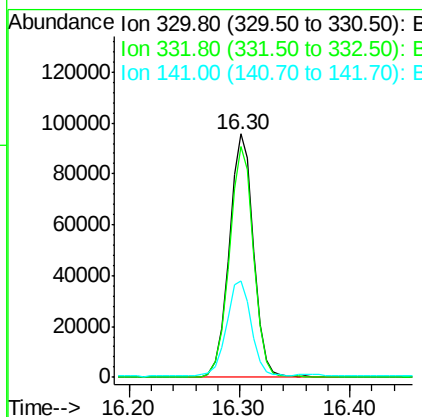
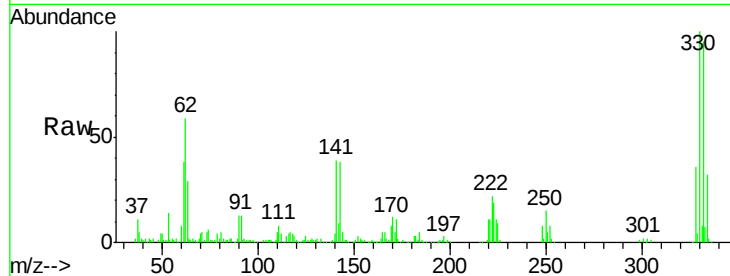
#41
 2,4,6-Tribromophenol
 Concen: 154.84 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021653.D
 Acq: 14 Apr 2016 15:18

Instrument :
 BNA_G
 ClientSampleId :
 ACF-GW-1

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	147205		
332	94.6	78.0	117.0	
141	40.4	33.8	50.8	

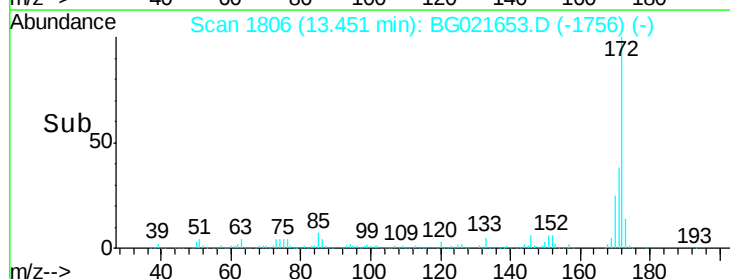
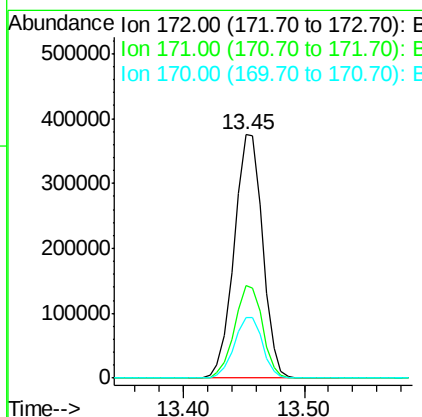
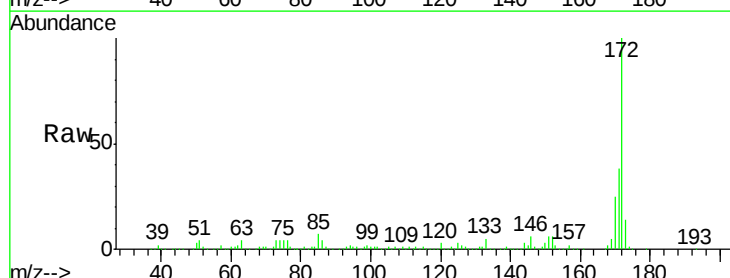
Manual Integrations
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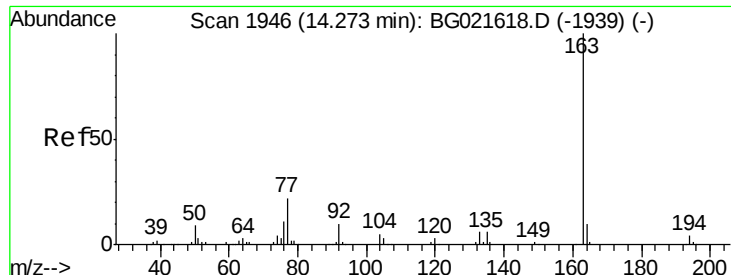
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#44
 2-Fluorobiphenyl
 Concen: 102.17 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021653.D
 Acq: 14 Apr 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	615105		
171	37.8	27.8	41.6	
170	25.1	19.6	29.4	





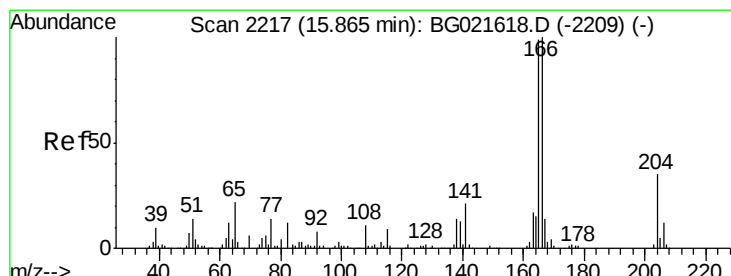
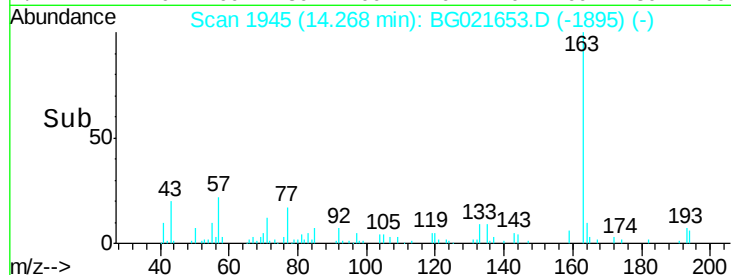
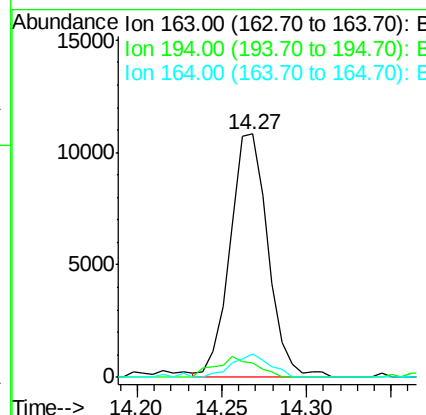
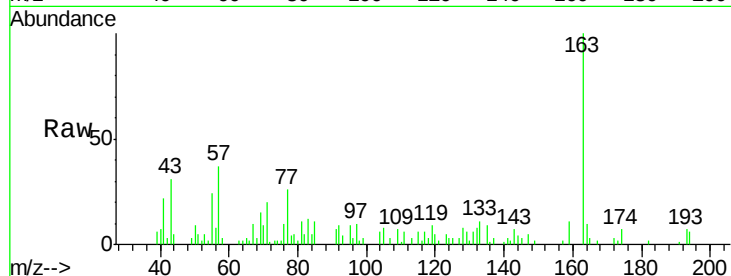
#49
Dimethylphthalate
Concen: 2.22 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	16908		
194	6.1	3.0	4.6#	
164	9.6	8.1	12.1	

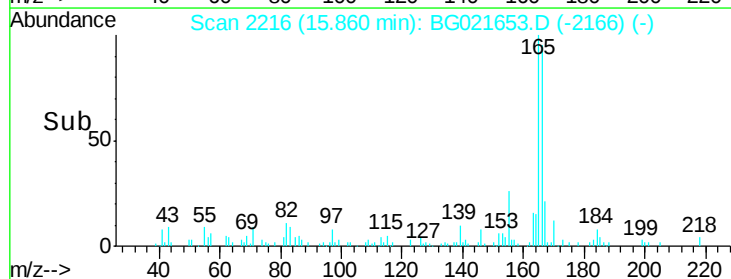
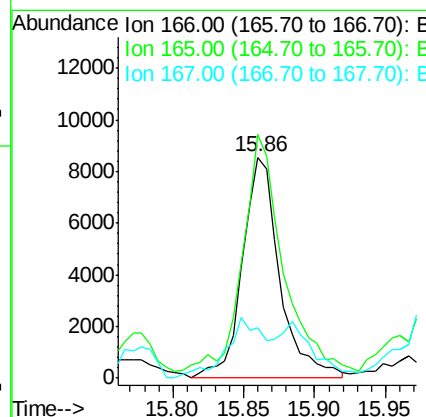
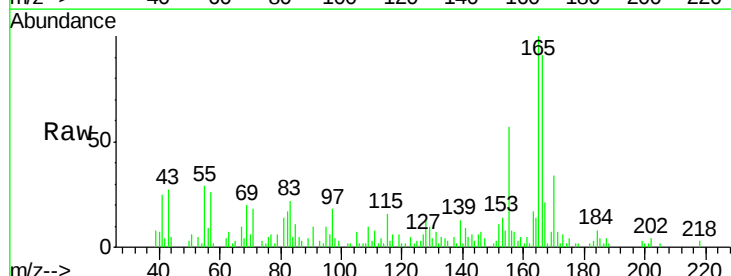
Manual Integrations
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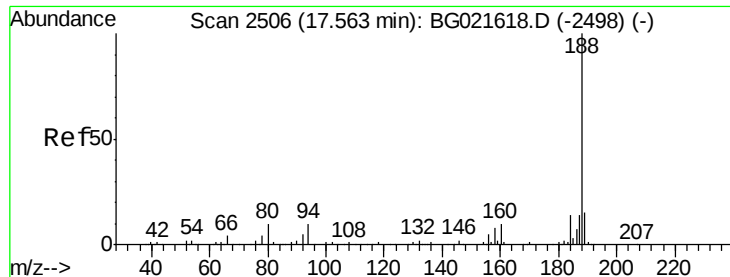
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#57
Fluorene
Concen: 2.21 ng m
RT: 15.86 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	15616		
165	110.1	79.0	118.4	
167	22.6	10.7	16.1#	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021653.D

Acq: 14 Apr 2016 15:18

Instrument :

BNA_G

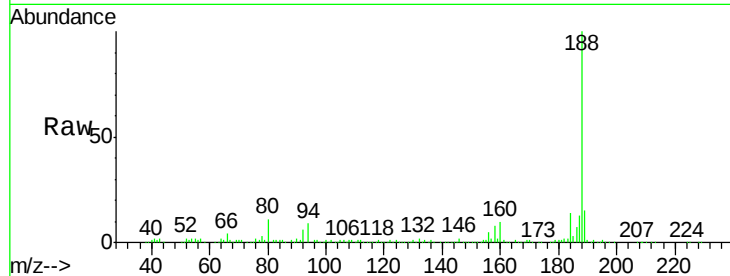
ClientSampleId :

ACF-GW-1

Tgt Ion:	188	Resp:	210322
Ion Ratio		Lower	Upper
188	100		
94	8.7	7.5	11.3
80	10.7	8.6	13.0

Manual Integrations
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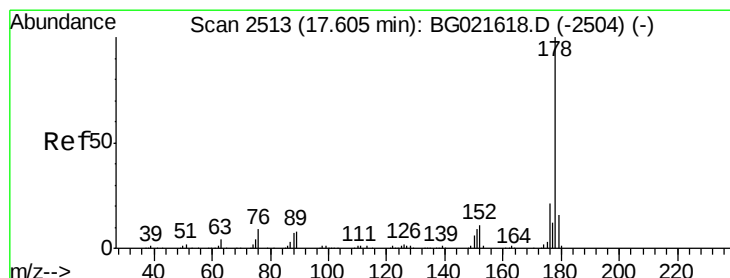
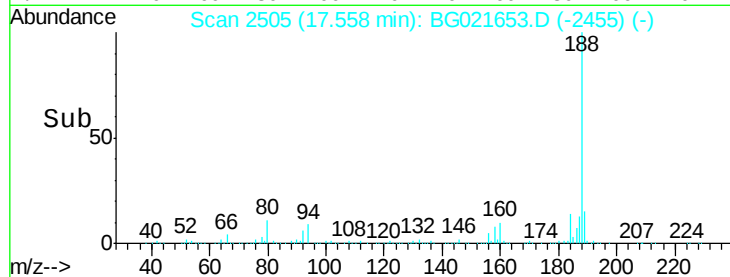
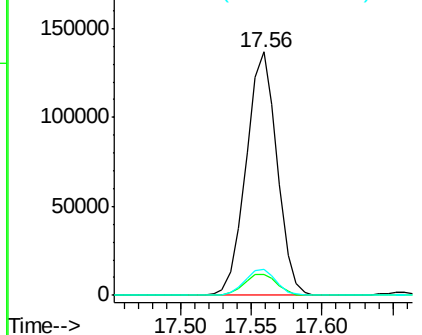
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#70

Phenanthrene

Concen: 2.63 ng

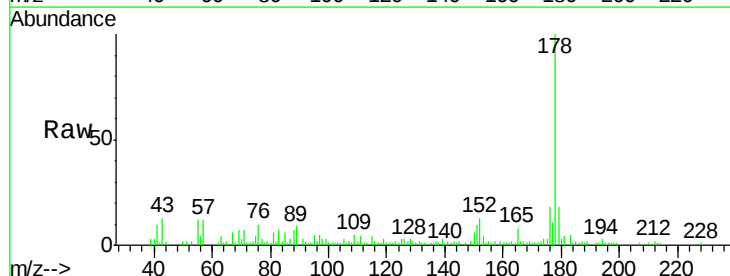
RT: 17.60 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BG021653.D

Acq: 14 Apr 2016 15:18

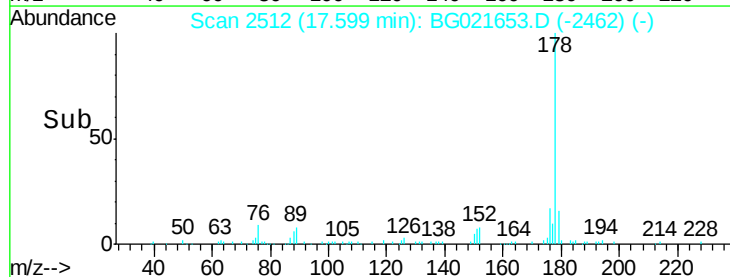
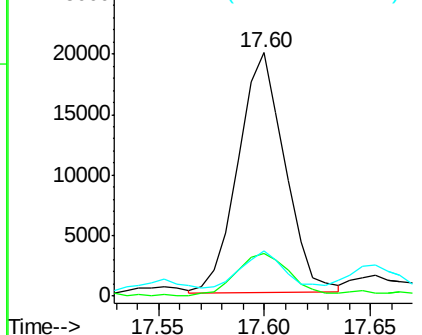
Tgt Ion:	178	Resp:	30541
Ion Ratio		Lower	Upper
178	100		
176	17.8	16.2	24.4
179	18.3	12.0	18.0#

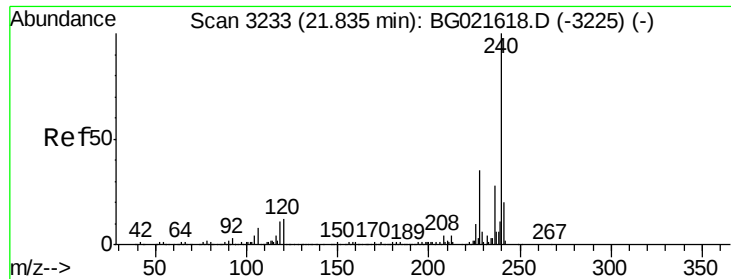


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BG021653.D

Acq: 14 Apr 2016 15:18

Instrument :

BNA_G

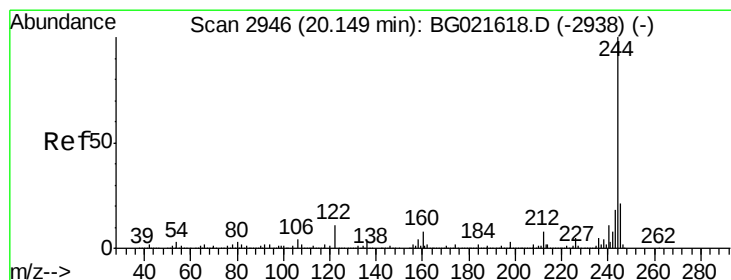
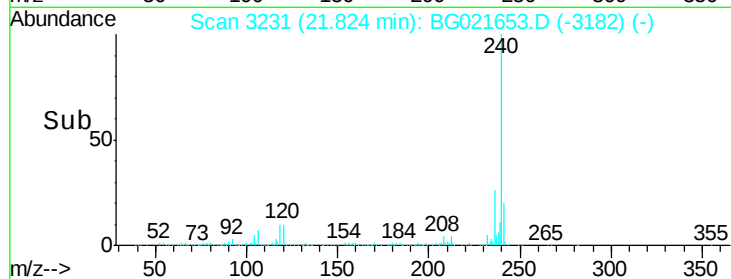
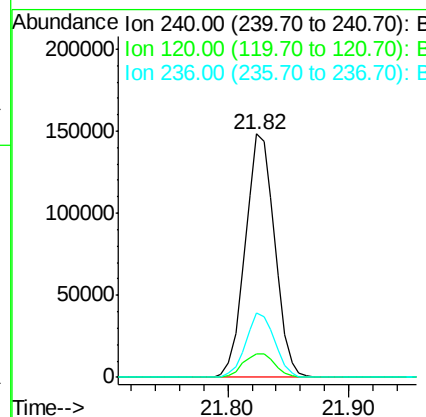
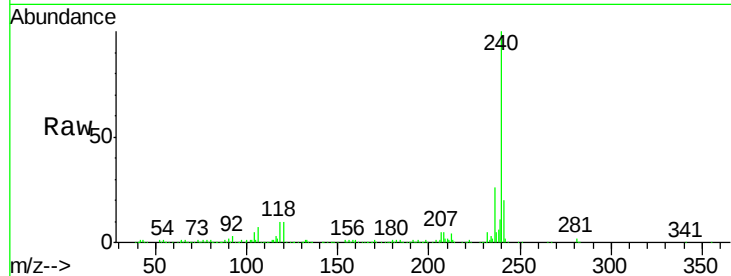
ClientSampleId :

ACF-GW-1

Tgt Ion:	240	Resp:	252402
Ion Ratio		Lower	Upper
240	100		
120	9.8	8.4	12.6
236	26.3	19.6	29.4

Manual Integrations
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#78

Terphenyl-d14

Concen: 83.53 ng

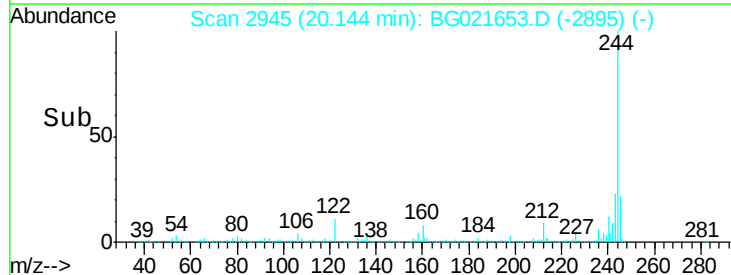
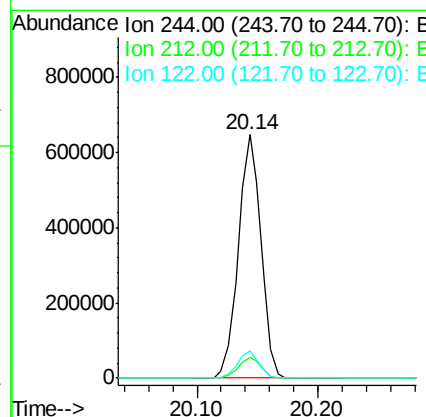
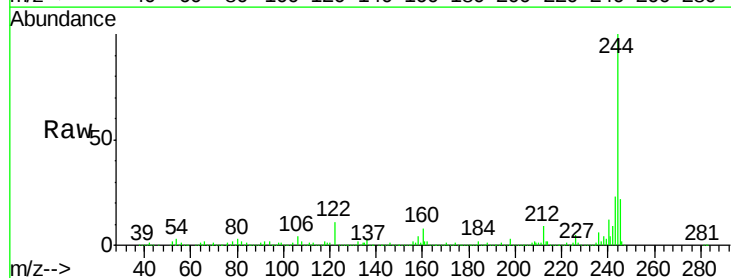
RT: 20.14 min Scan# 2945

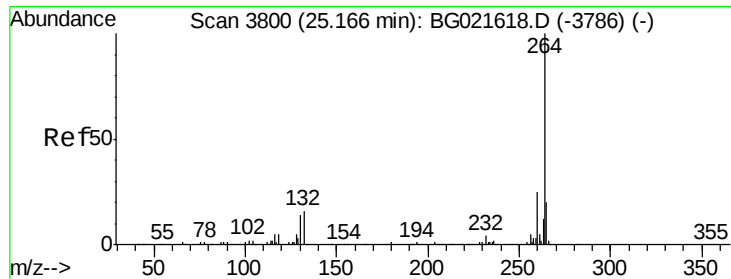
Delta R.T. -0.01 min

Lab File: BG021653.D

Acq: 14 Apr 2016 15:18

Tgt Ion:	244	Resp:	844897
Ion Ratio		Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.3	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021653.D
Acq: 14 Apr 2016 15:18

Instrument :
BNA_G
ClientSampleId :
ACF-GW-1

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	20.2	30.4
265	20.3	17.8	26.8

Manual Integrations
APPROVED

Sohil
4/15/2016 4:44:47 PM

