

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
 Data File : BG021782.D
 Acq On : 20 Apr 2016 13:06
 Operator : UM/SJ
 Sample : H2589-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B19(0-5)-C

Manual Integrations
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Sohil
 4/21/2016 10:37:53 AM

Quant Time: Apr 20 13:44:26 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	8.21	152	32380	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	149619	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	89236	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	185815	20.00	ng	0.00
75) Chrysene-d12	21.83	240	207314	20.00	ng	0.00
86) Perylene-d12	25.16	264	201457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	227414	116.96	ng	0.00
7) Phenol-d6	7.37	99	337826	116.31	ng	0.01
23) Nitrobenzene-d5	9.38	82	214050	73.53	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	120011	124.79	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	485715	79.75	ng	0.00
78) Terphenyl-d14	20.14	244	601230	72.36	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.26	163	71177	9.23	ng	100
74) Fluoranthene	19.59	202	47706	3.90	ng	98
77) Pyrene	19.95	202	51556	4.31	ng	98
80) Benzo(a)anthracene	21.81	228	30931	2.59	ng	94
82) Chrysene	21.88	228	24936	2.18	ng	96
87) Benzo(b)fluoranthene	24.11	252	40730m	3.48	ng	
89) Benzo(a)pyrene	25.00	252	26422	2.33	ng	# 94

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

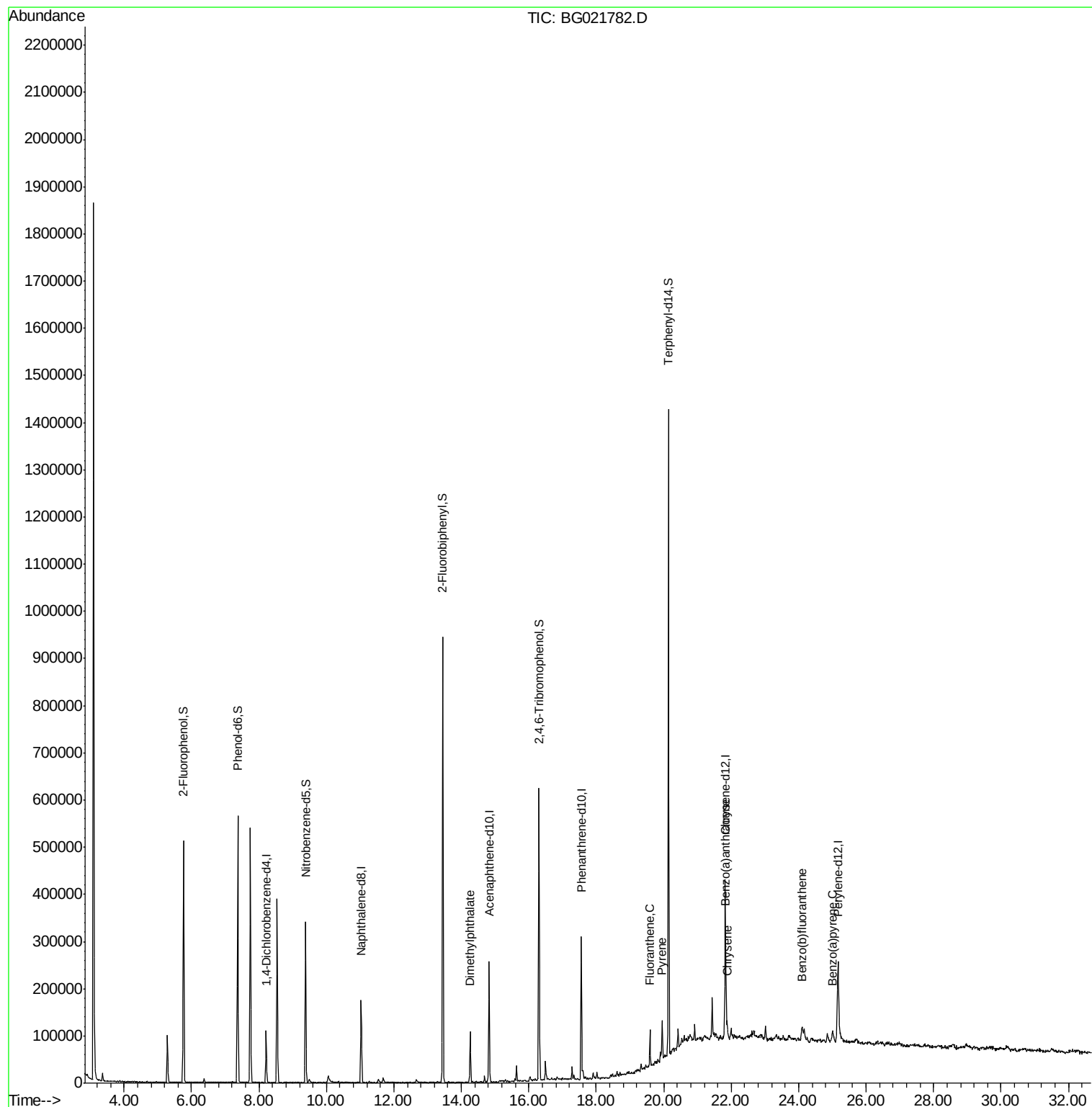
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
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ALS Vial : 6 Sample Multiplier: 1

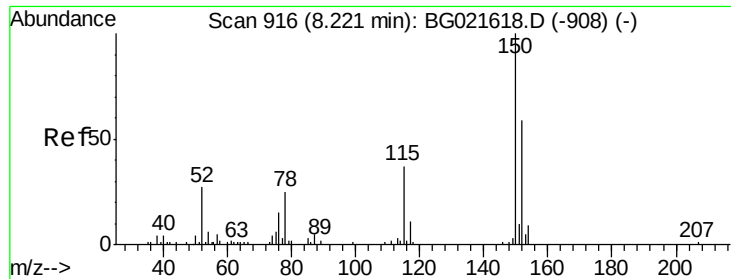
Instrument :
BNA_G
ClientSampleId :
WPG-B19(0-5)-C

Manual Integrations
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Quant Time: Apr 20 13:44:26 2016
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#1

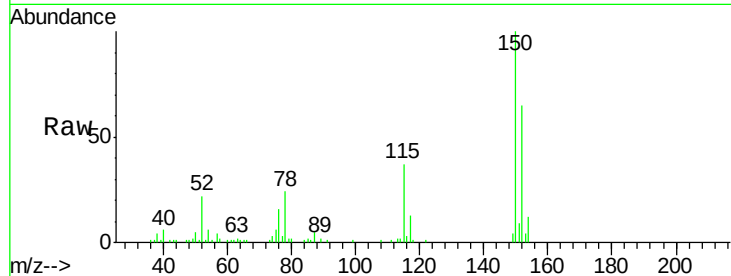
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021782.D
Acq: 20 Apr 2016 13:06

Instrument :
BNA_G
ClientSampleId :
WPG-B19(0-5)-C

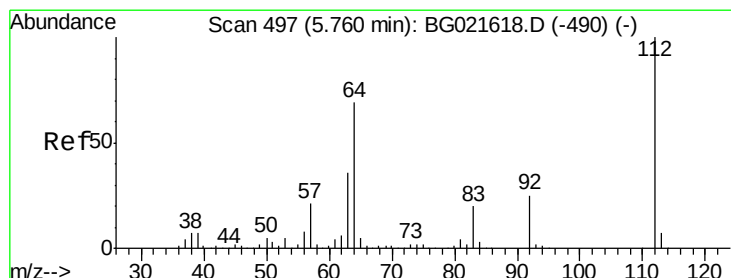
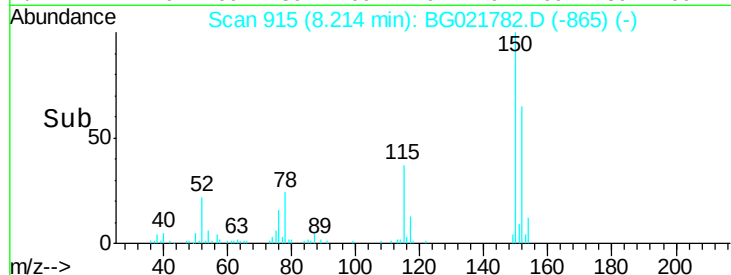
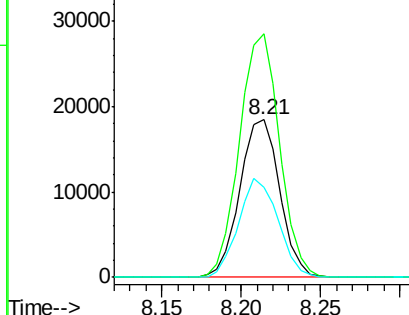
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	130.1	195.1
115	57.6	62.2	93.2

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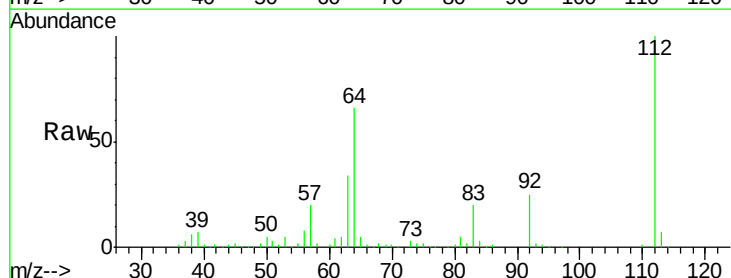
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



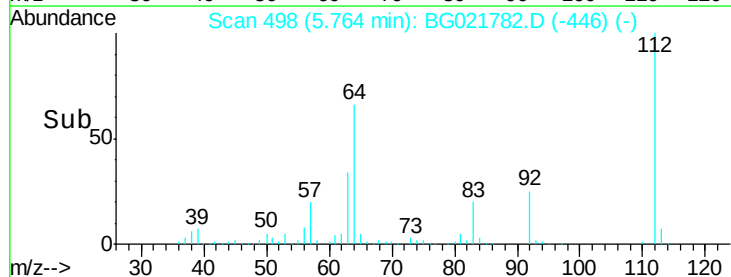
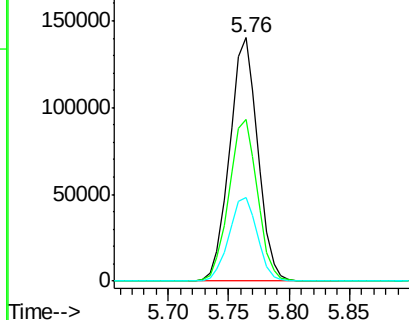
#5

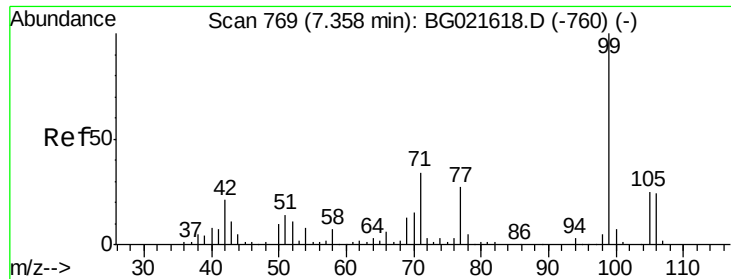
2-Fluorophenol
Concen: 116.96 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG021782.D
Acq: 20 Apr 2016 13:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	51.1	76.7
63	34.1	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: 116.31 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021782.D

Acq: 20 Apr 2016 13:06

Instrument :

BNA_G

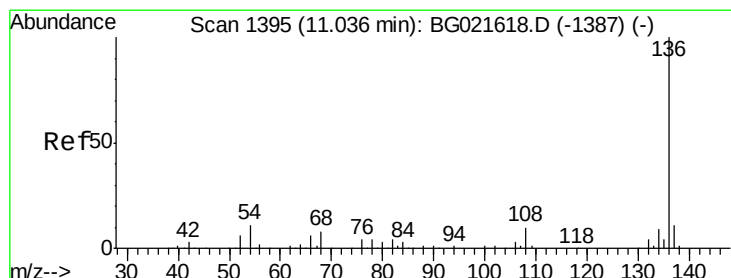
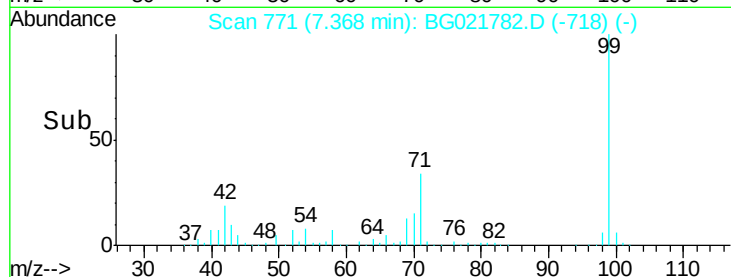
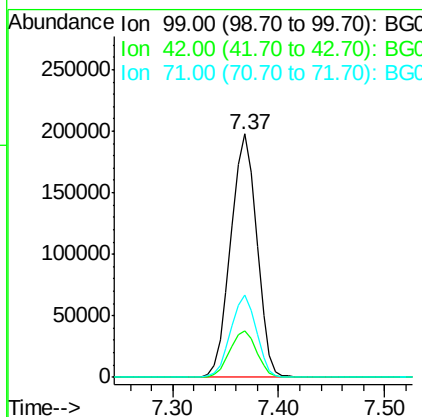
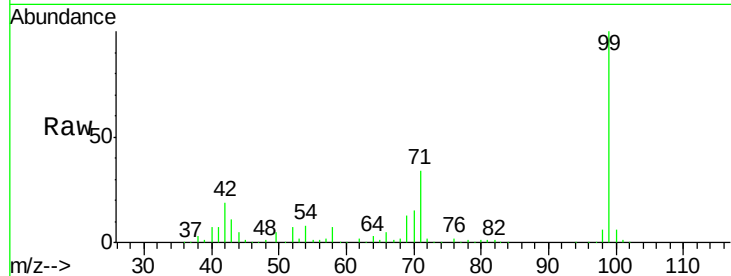
ClientSampleId :

WPG-B19(0-5)-C

Tot Ion:	99	Resp:	337826
Ion Ratio	Lower	Upper	
99	100		
42	19.1	16.4	24.6
71	33.8	25.0	37.4

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#21

Naphthalene-d8

Concen: 20.00 ng

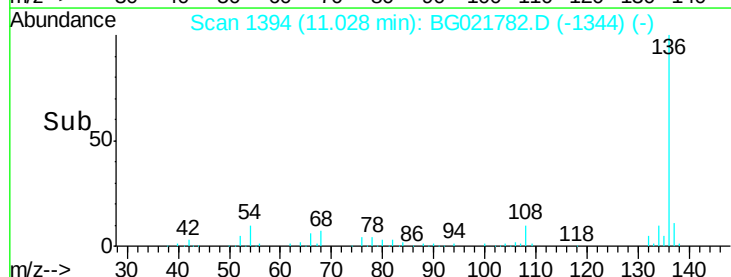
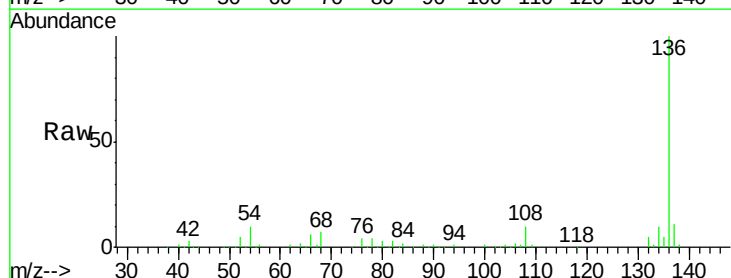
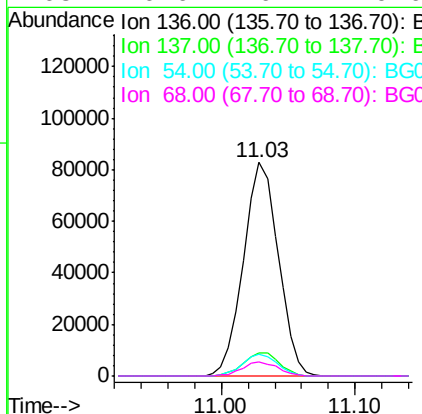
RT: 11.03 min Scan# 1394

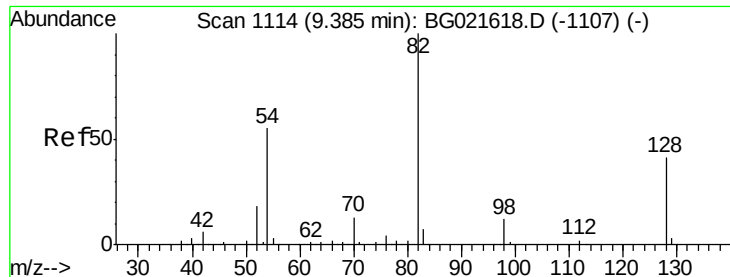
Delta R.T. -0.01 min

Lab File: BG021782.D

Acq: 20 Apr 2016 13:06

Tgt Ion:	136	Resp:	149619
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.4
54	10.5	9.6	14.4
68	6.6	6.4	9.6





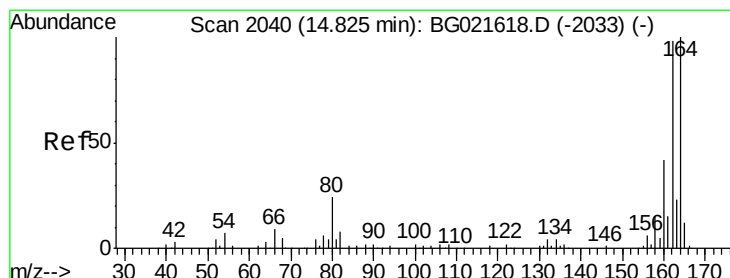
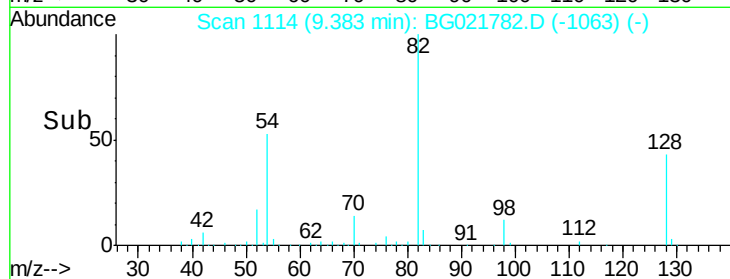
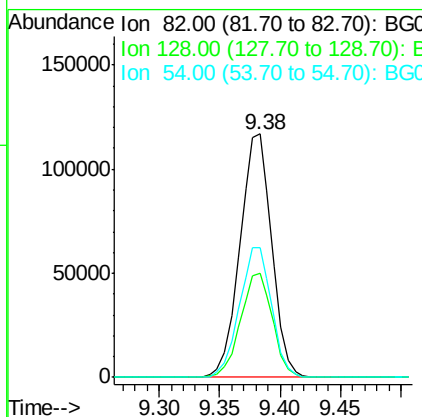
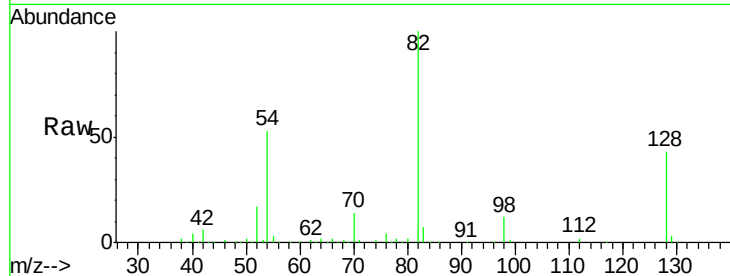
#23
 Nitrobenzene-d5
 Concen: 73.53 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021782.D
 Acq: 20 Apr 2016 13:06

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B19(0-5)-C

Tot Ion	82	Resp	214050
Ion Ratio	Lower	Upper	
82	100		
128	43.0	33.4	50.0
54	53.3	46.1	69.1

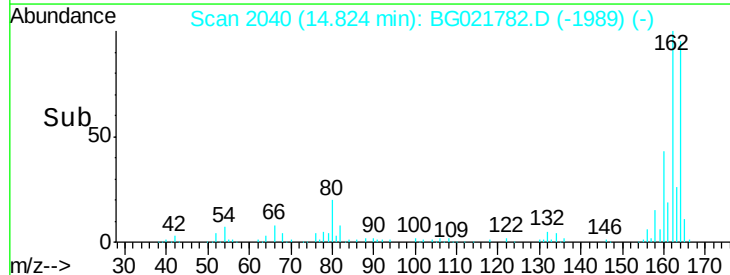
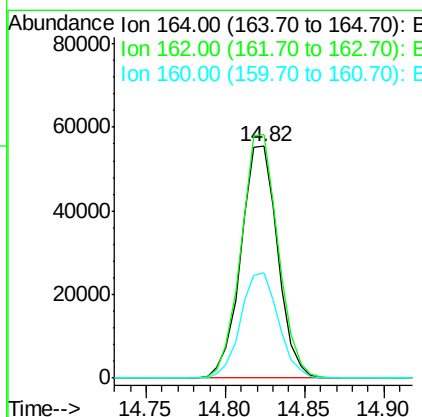
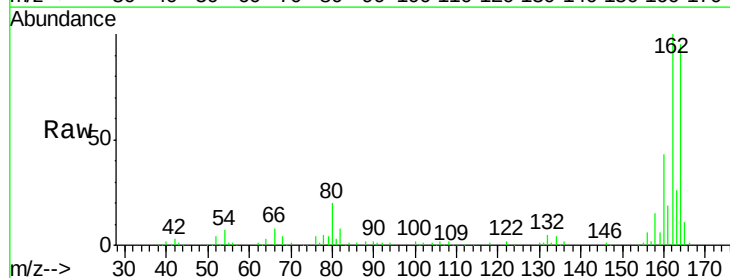
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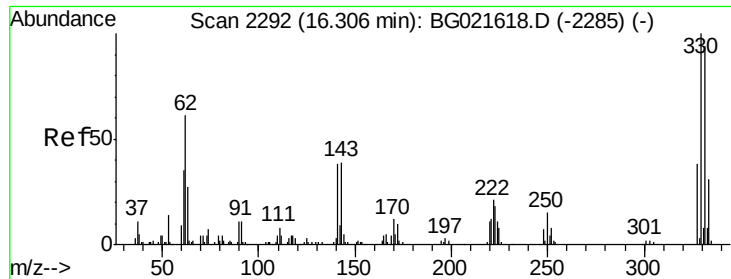
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021782.D
 Acq: 20 Apr 2016 13:06

Tgt Ion	164	Resp	89236
Ion Ratio	Lower	Upper	
164	100		
162	105.0	78.0	117.0
160	45.5	32.9	49.3





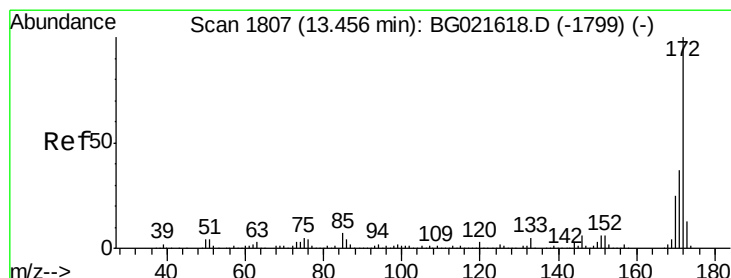
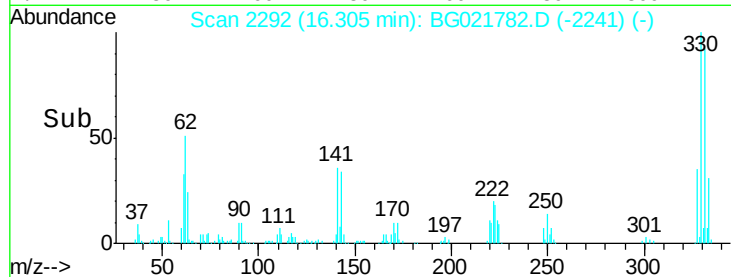
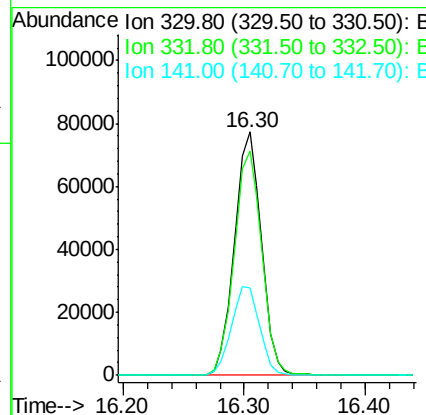
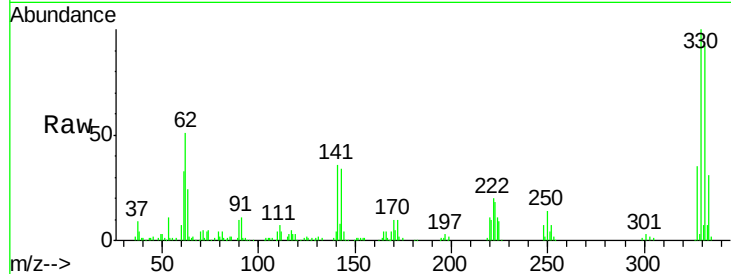
#41
 2,4,6-Tribromophenol
 Concen: 124.79 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021782.D
 Acq: 20 Apr 2016 13:06

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B19(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	120011		
332	94.8	78.0	117.0	
141	38.5	33.8	50.8	

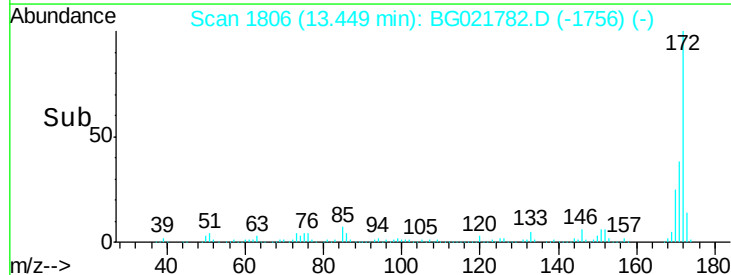
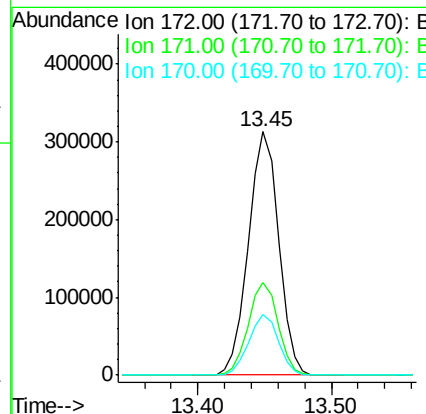
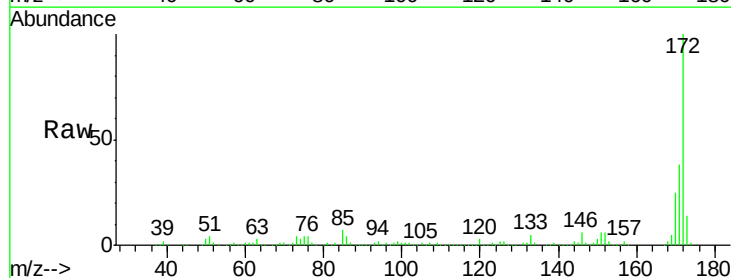
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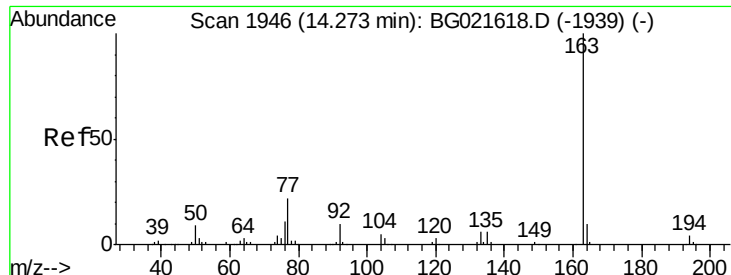
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#44
 2-Fluorobiphenyl
 Concen: 79.75 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021782.D
 Acq: 20 Apr 2016 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	485715		
171	38.1	27.8	41.6	
170	24.7	19.6	29.4	





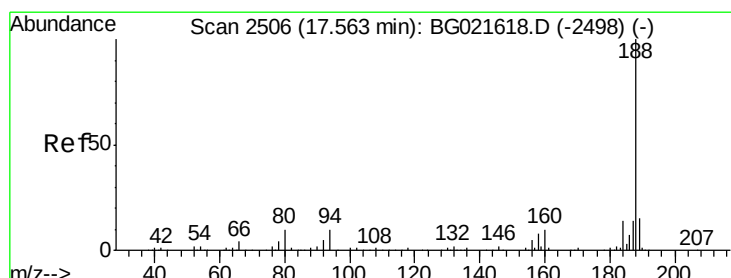
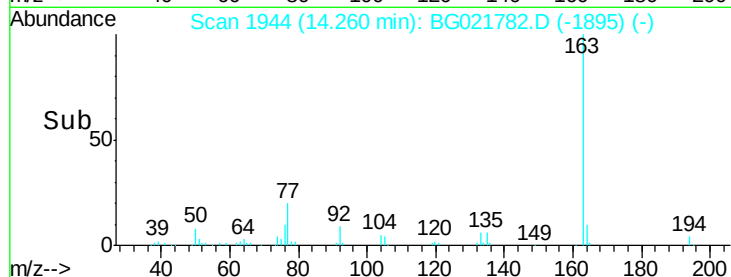
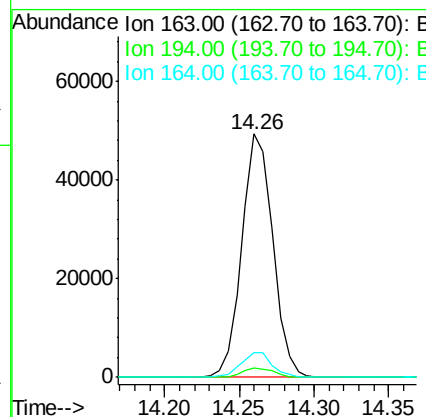
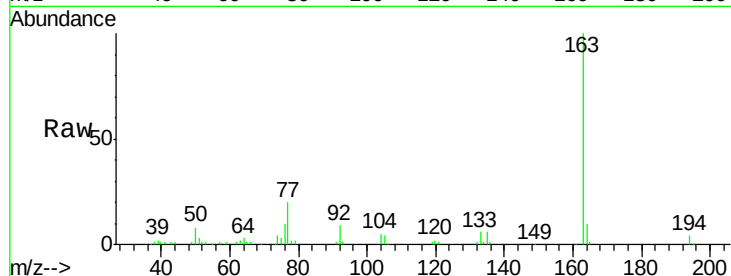
#49
Dimethylphthalate
Concen: 9.23 ng
RT: 14.26 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG021782.D
Acq: 20 Apr 2016 13:06

Instrument :
BNA_G
ClientSampleId :
WPG-B19(0-5)-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.0	8.1	12.1

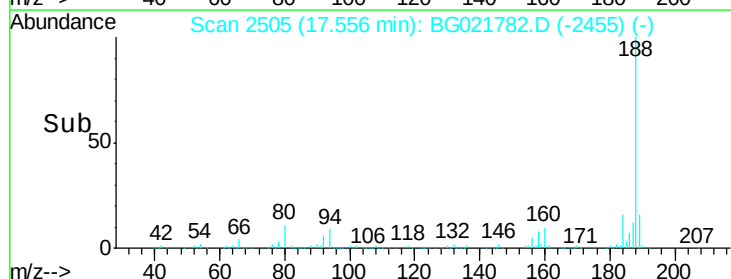
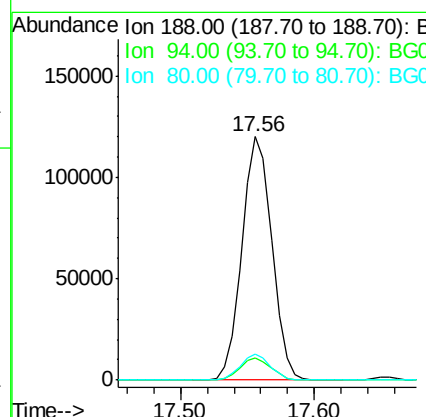
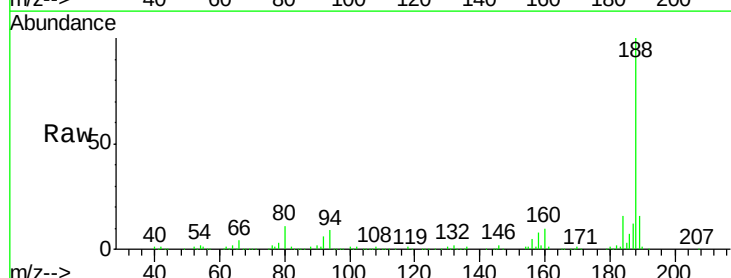
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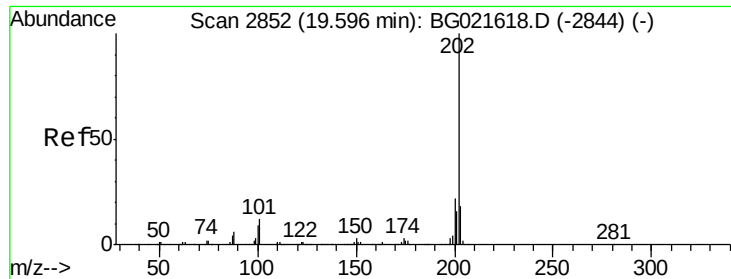
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021782.D
Acq: 20 Apr 2016 13:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	10.7	8.6	13.0





#74

Fluoranthene

Concen: 3.90 ng

RT: 19.59 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG021782.D

Acq: 20 Apr 2016 13:06

Instrument :

BNA_G

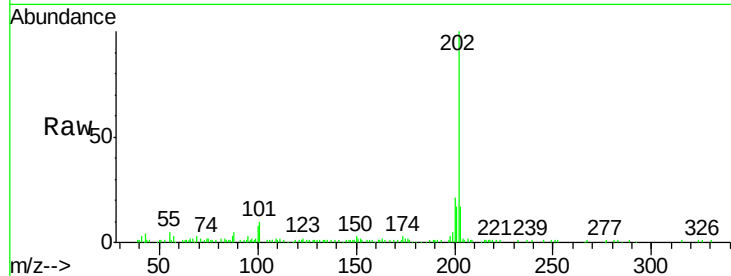
ClientSampleId :

WPG-B19(0-5)-C

Tot Ion:	202	Resp:	47706
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.0
203	16.9	0.0	37.9

Manual Integrations
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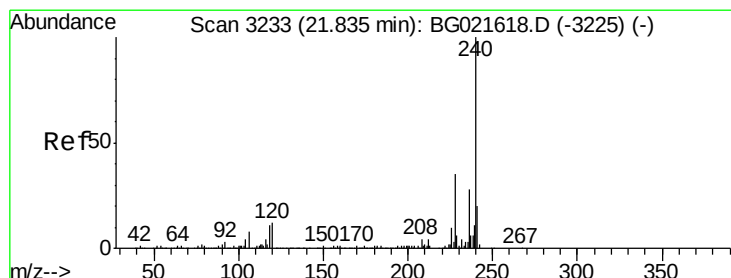
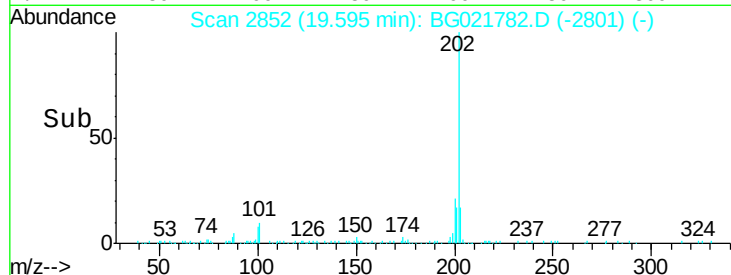
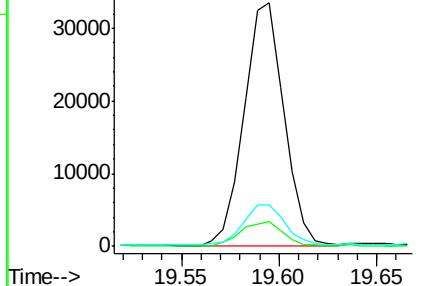
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

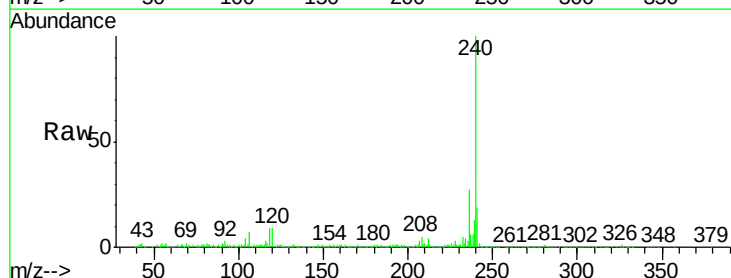
RT: 21.83 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG021782.D

Acq: 20 Apr 2016 13:06

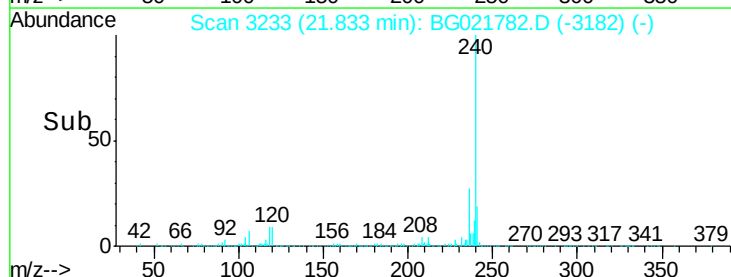
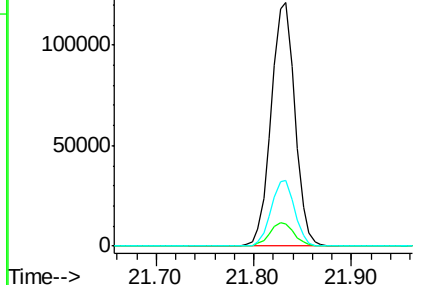
Tgt Ion:	240	Resp:	207314
Ion Ratio	Lower	Upper	
240	100		
120	9.0	8.4	12.6
236	26.8	19.6	29.4

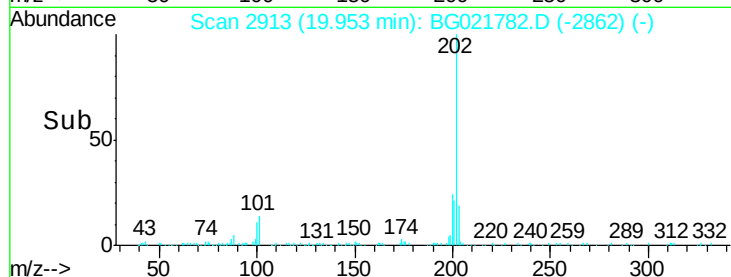
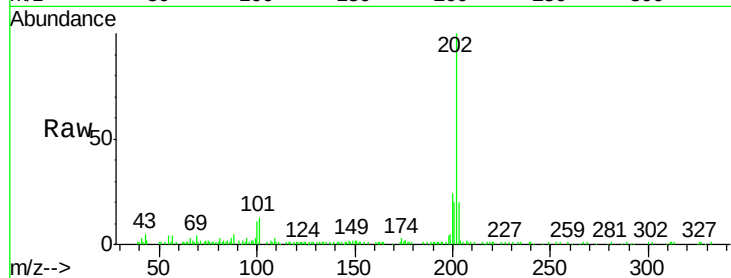
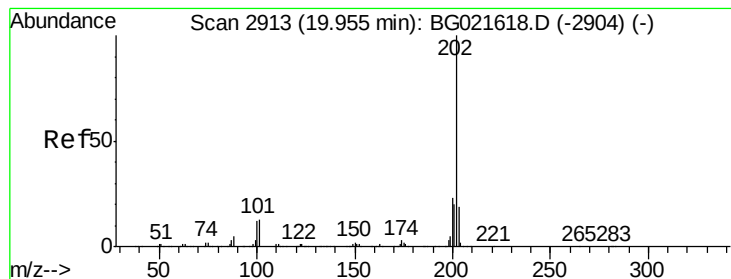


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.31 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021782.D

Acq: 20 Apr 2016 13:06

Tot Ion:	202	Resp:	51556
Ion Ratio	Lower	Upper	
202	100		
200	23.7	18.2	27.2
203	20.0	15.0	22.4

Instrument :

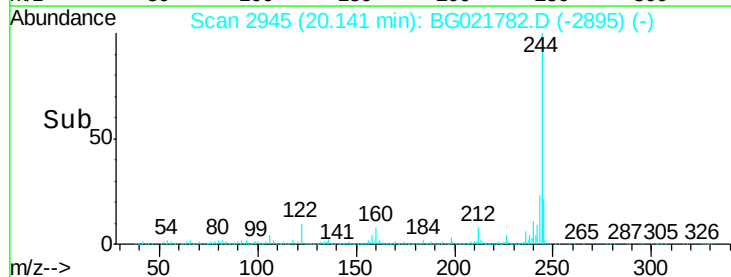
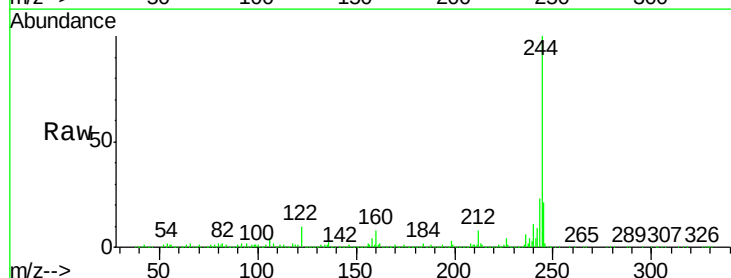
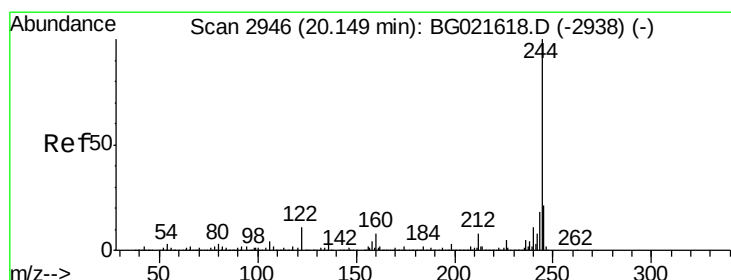
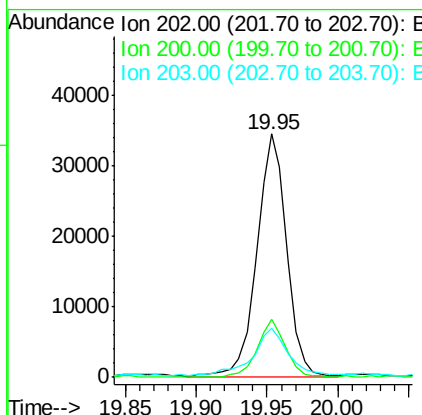
BNA_G

ClientSampleId :

WPG-B19(0-5)-C

Manual Integrations
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#78

Terphenyl-d14

Concen: 72.36 ng

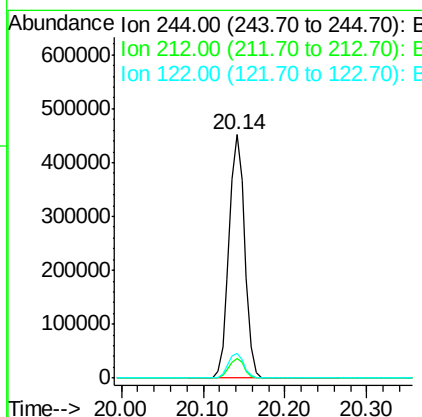
RT: 20.14 min Scan# 2945

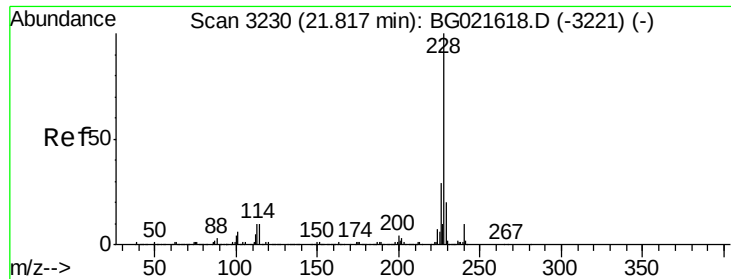
Delta R.T. -0.01 min

Lab File: BG021782.D

Acq: 20 Apr 2016 13:06

Tgt Ion:	244	Resp:	601230
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.5	9.7
122	10.1	8.6	12.8





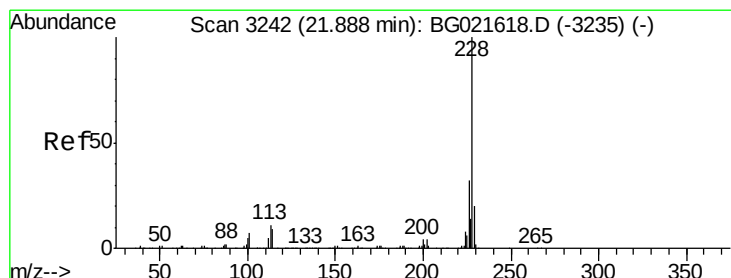
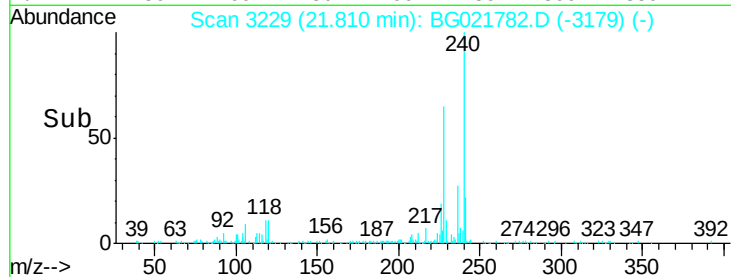
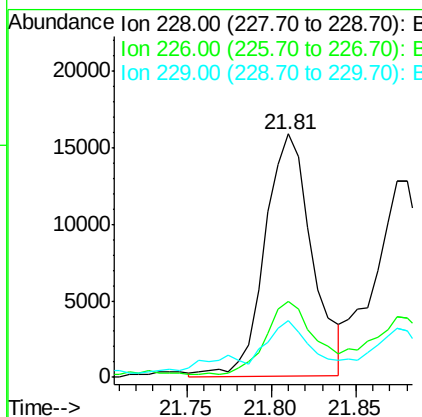
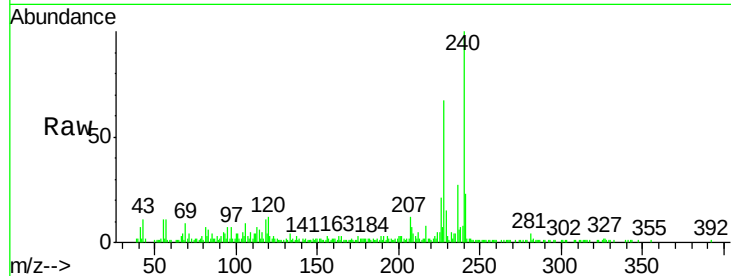
#80
Benzo(a)anthracene
Concen: 2.59 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG021782.D
Acq: 20 Apr 2016 13:06

Instrument :
BNA_G
ClientSampleId :
WPG-B19(0-5)-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	34.0
229	23.1	16.1	24.1

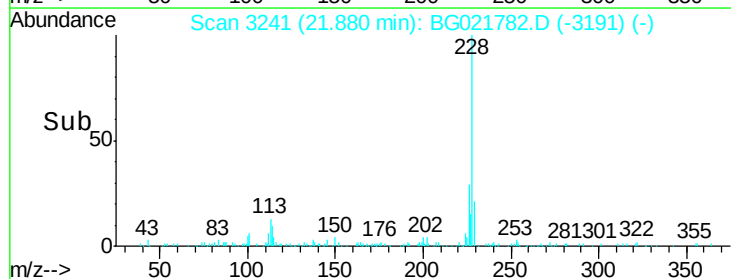
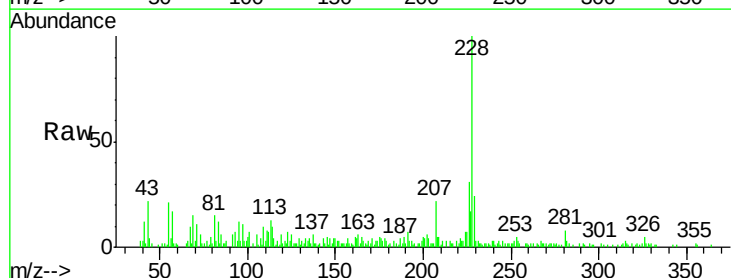
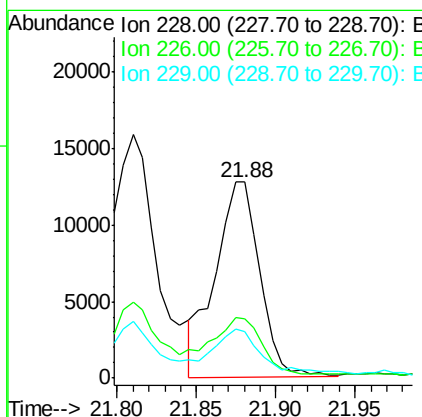
Manual Integrations
APPROVED

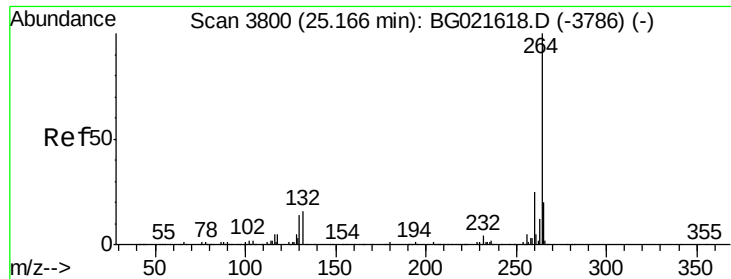
Sohil
4/21/2016 10:37:53 AM



#82
Chrysene
Concen: 2.18 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BG021782.D
Acq: 20 Apr 2016 13:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	23.7	15.9	23.9





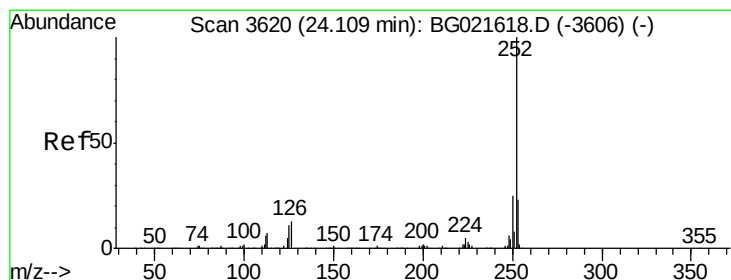
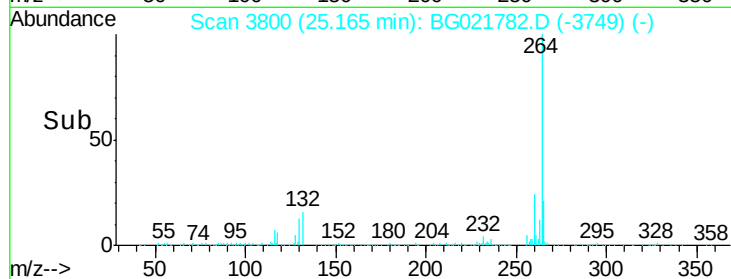
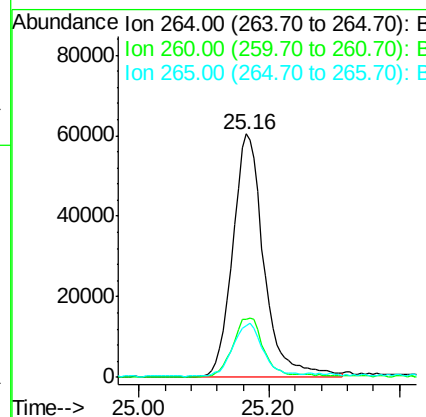
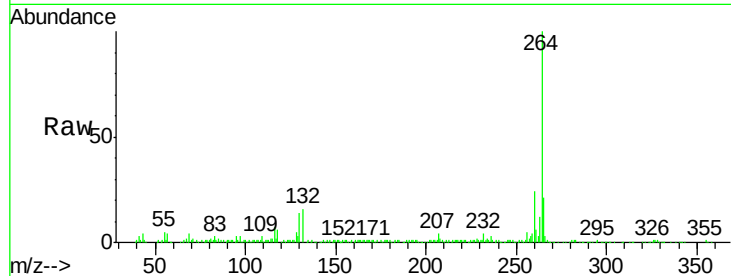
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.00 min
Lab File: BG021782.D
Acq: 20 Apr 2016 13:06

Instrument :
BNA_G
ClientSampleId :
WPG-B19(0-5)-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.2	30.4
265	21.4	17.8	26.8

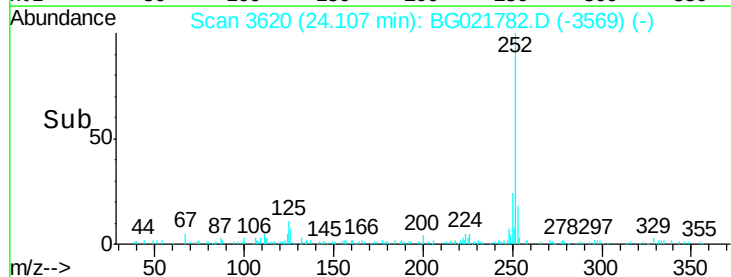
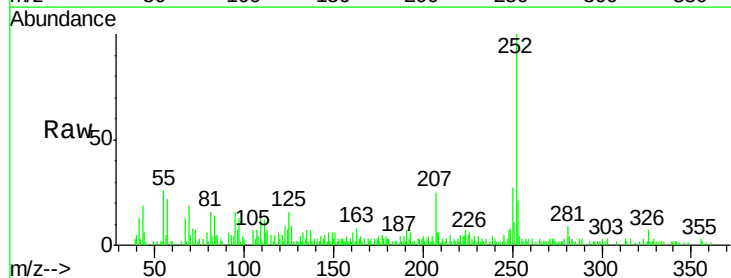
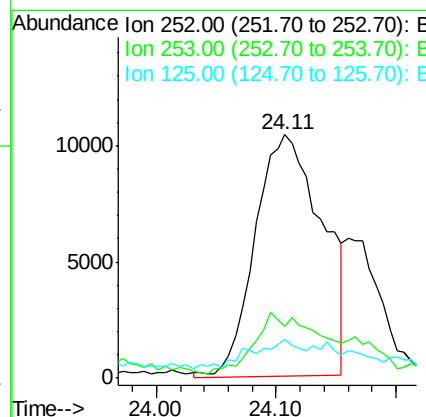
Manual Integrations
APPROVED

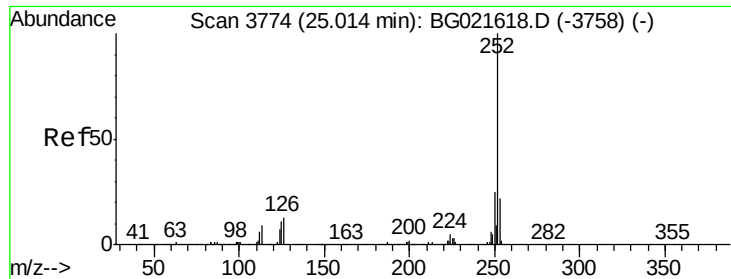
Sohil
4/21/2016 10:37:53 AM



#87
Benzo(b)fluoranthene
Concen: 3.48 ng m
RT: 24.11 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BG021782.D
Acq: 20 Apr 2016 13:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	15.9	8.6	13.0#





#89
 Benzo(a)pyrene
 Concen: 2.33 ng
 RT: 25.00 min Scan# 3772
 Delta R.T. -0.01 min
 Lab File: BG021782.D
 Acq: 20 Apr 2016 13:06

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B19(0-5)-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	12.2	9.6	14.4

Manual Integrations
 APPROVED

Sohil
 4/21/2016 10:37:53 AM

