

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
 Data File : BG021784.D
 Acq On : 20 Apr 2016 14:25
 Operator : UM/SJ
 Sample : H2589-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B20(0-5)-C

Manual Integrations
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Sohil
 4/21/2016 10:37:54 AM

Quant Time: Apr 20 15:29:48 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	39315	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	168639	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	94951	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	195460	20.00	ng	0.00
75) Chrysene-d12	21.83	240	217454	20.00	ng	0.00
86) Perylene-d12	25.19	264	169876	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	268198	113.60	ng	0.00
7) Phenol-d6	7.37	99	387763	109.96	ng	0.01
23) Nitrobenzene-d5	9.38	82	241616	73.64	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	113953	111.35	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	531146	81.96	ng	0.00
78) Terphenyl-d14	20.15	244	627915	72.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	76578	9.33	ng	Qvalue # 97
70) Phenanthrene	17.60	178	39126	3.63	ng	98
74) Fluoranthene	19.59	202	51254	3.98	ng	97
77) Pyrene	19.95	202	56101	4.47	ng	97
80) Benzo(a)anthracene	21.82	228	26330	2.10	ng	# 83
82) Chrysene	21.89	228	30067	2.50	ng	# 88
87) Benzo(b)fluoranthene	24.12	252	29927m	3.04	ng	

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

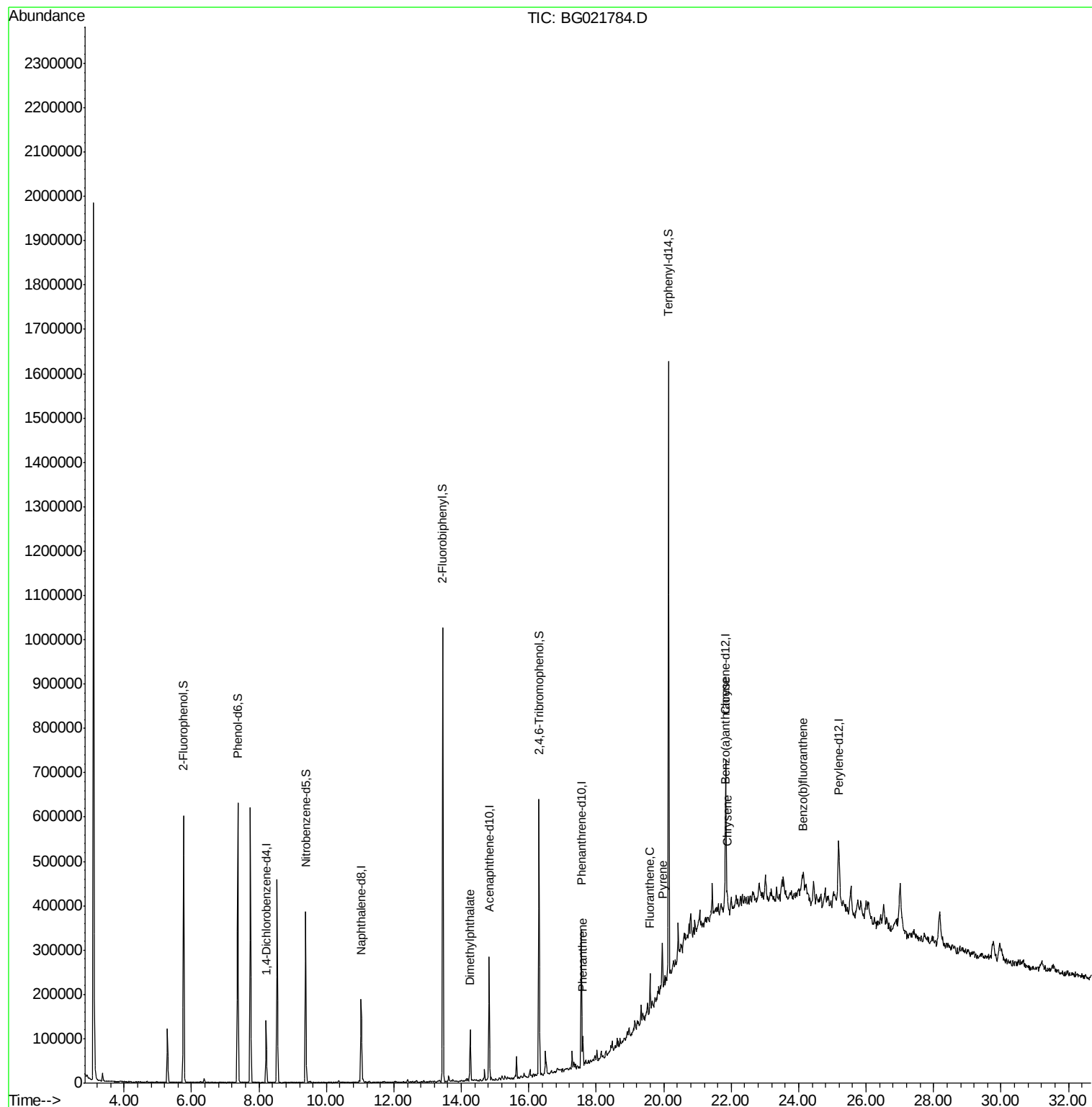
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021784.D
Acq On : 20 Apr 2016 14:25
Operator : UM/SJ
Sample : H2589-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

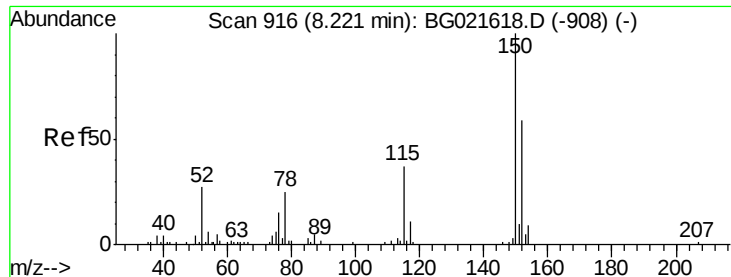
Instrument :
BNA_G
ClientSampleId :
WPG-B20(0-5)-C

Manual Integrations
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Quant Time: Apr 20 15:29:48 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

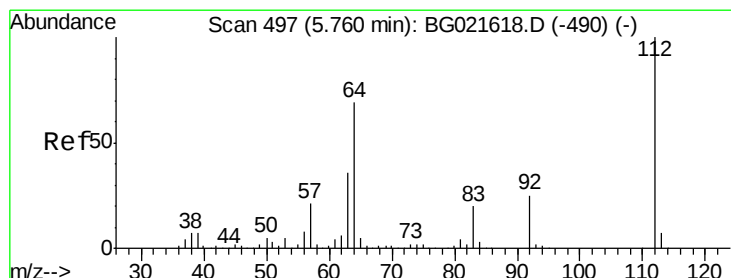
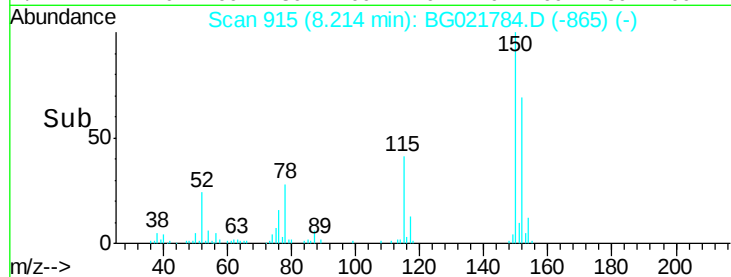
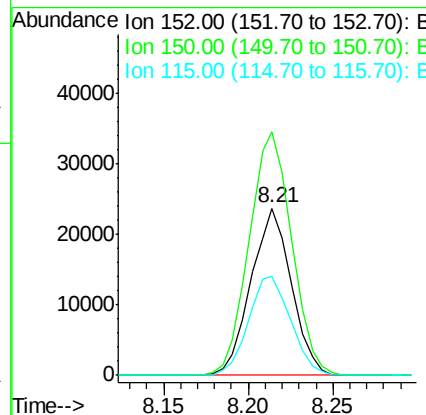
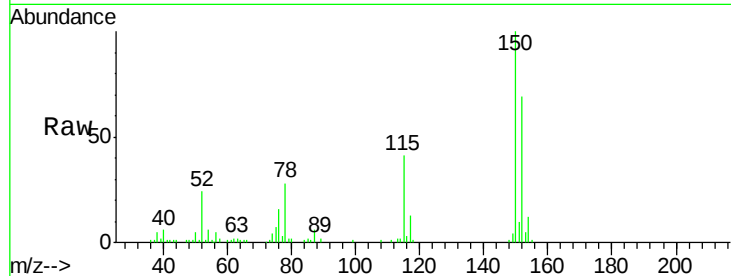
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021784.D
Acq: 20 Apr 2016 14:25

Instrument :
BNA_G
ClientSampleId :
WPG-B20(0-5)-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.5	130.1	195.1
115	59.4	62.2	93.2

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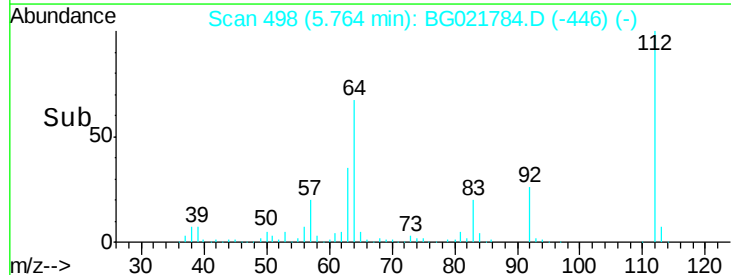
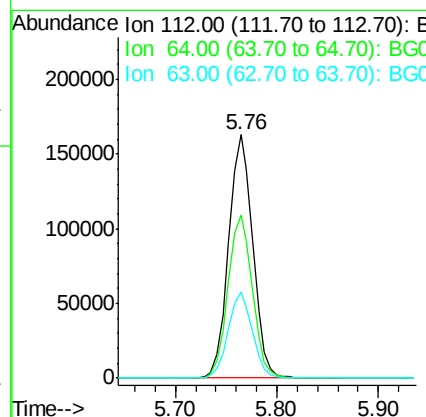
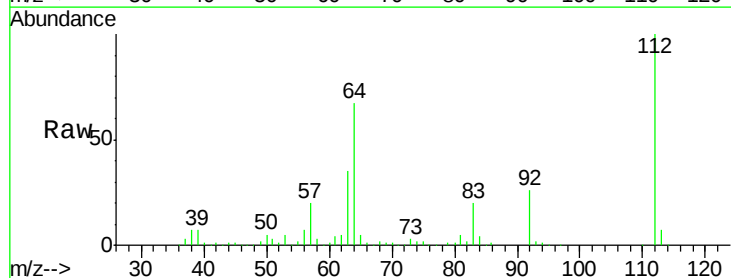
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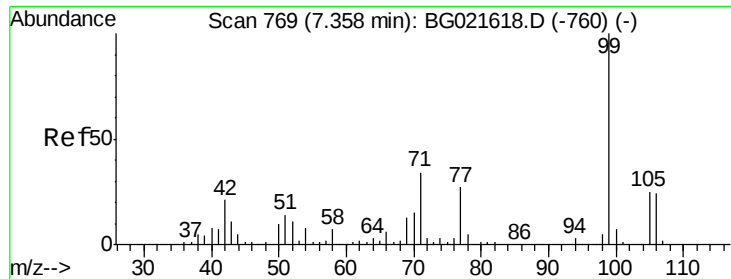


#5

2-Fluorophenol
Concen: 113.60 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021784.D
Acq: 20 Apr 2016 14:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	51.1	76.7
63	35.3	24.6	37.0





#7

Phenol-d6

Concen: 109.96 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021784.D

Acq: 20 Apr 2016 14:25

Instrument :

BNA_G

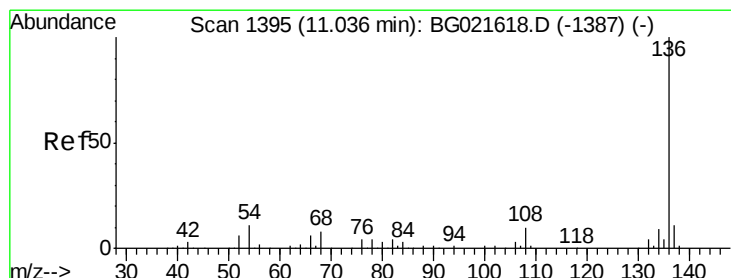
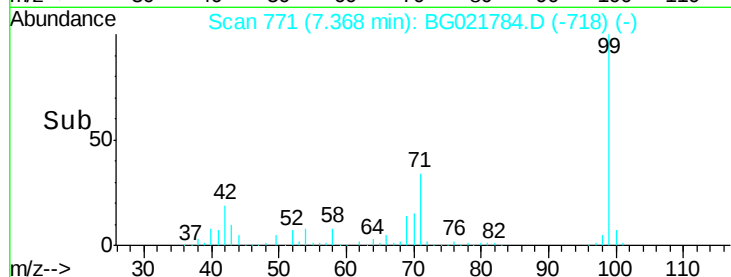
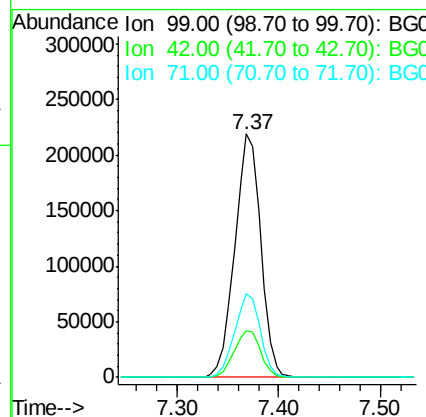
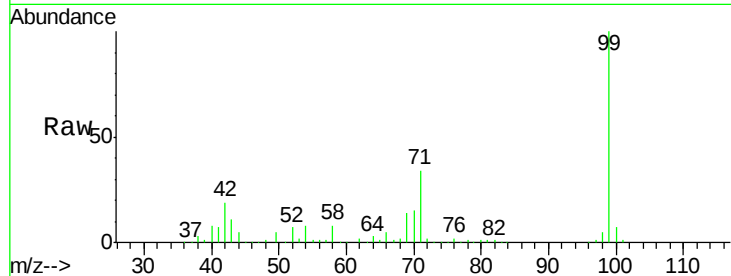
ClientSampleId :

WPG-B20(0-5)-C

Tot Ion:	99	Resp:	387763
Ion Ratio	Lower	Upper	
99	100		
42	19.0	16.4	24.6
71	34.3	25.0	37.4

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#21

Naphthalene-d8

Concen: 20.00 ng

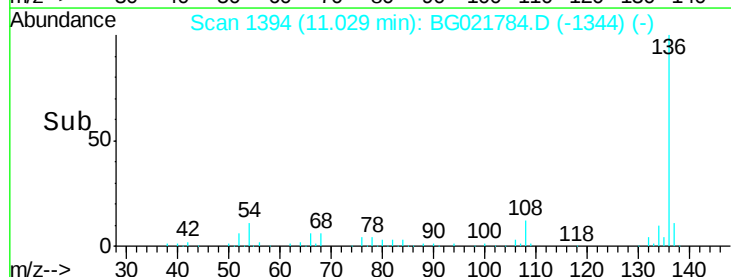
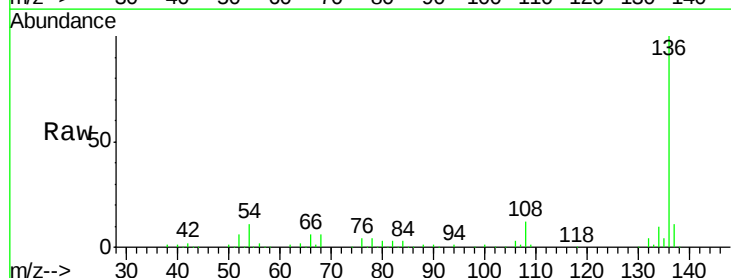
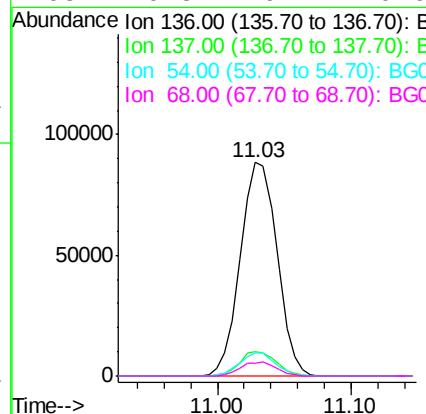
RT: 11.03 min Scan# 1394

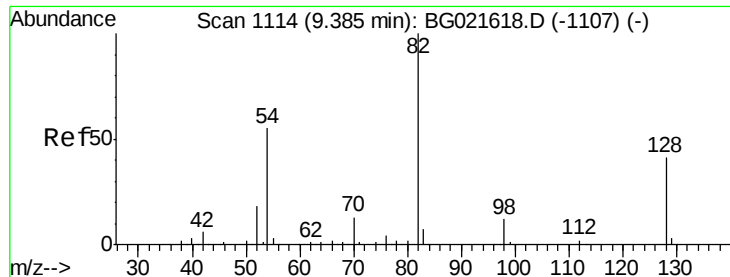
Delta R.T. -0.01 min

Lab File: BG021784.D

Acq: 20 Apr 2016 14:25

Tgt Ion:	136	Resp:	168639
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	10.6	9.6	14.4
68	6.3	6.4	9.6#





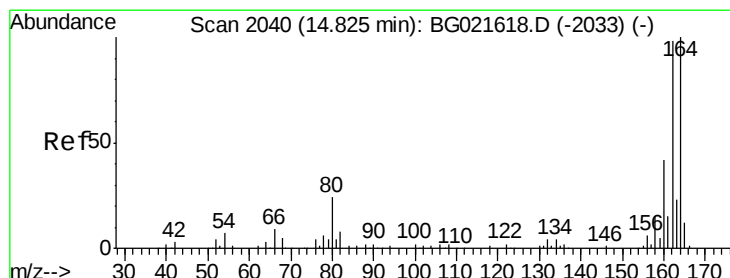
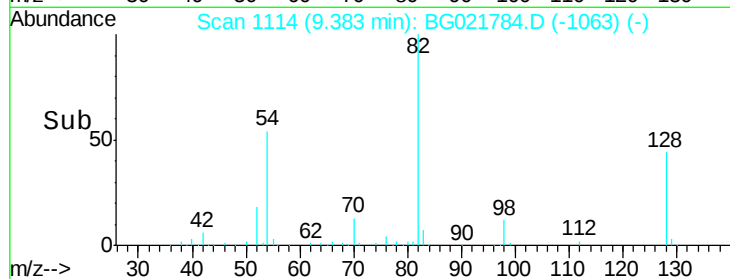
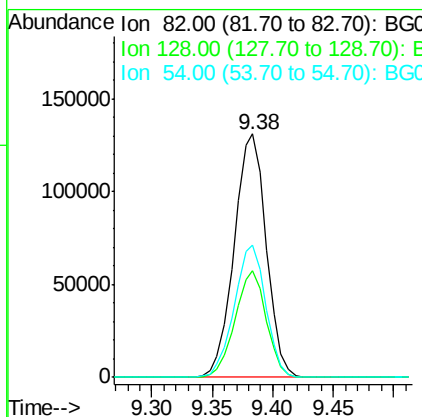
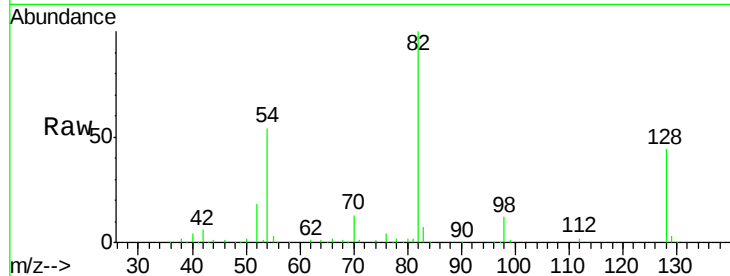
#23
Nitrobenzene-d5
Concen: 73.64 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021784.D
Acq: 20 Apr 2016 14:25

Instrument :
BNA_G
ClientSampleId :
WPG-B20(0-5)-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.4	50.0
54	54.4	46.1	69.1

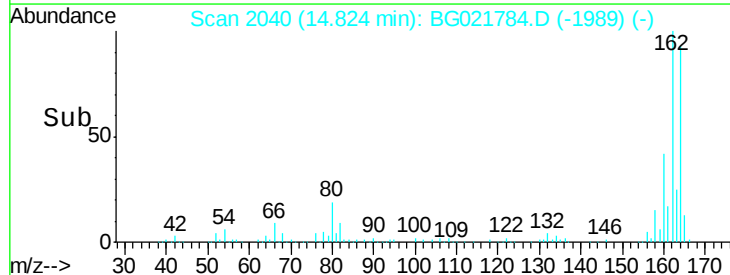
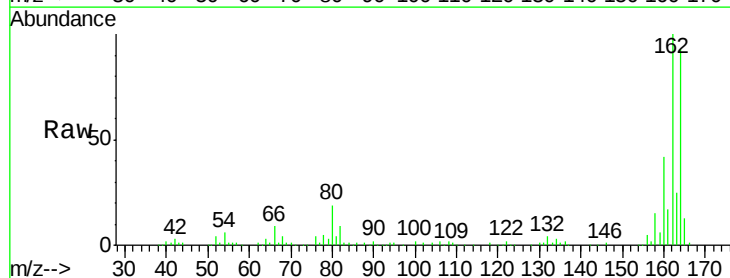
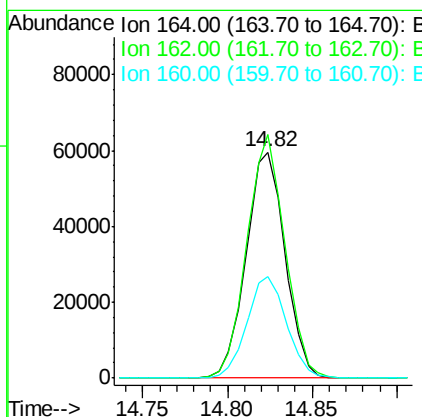
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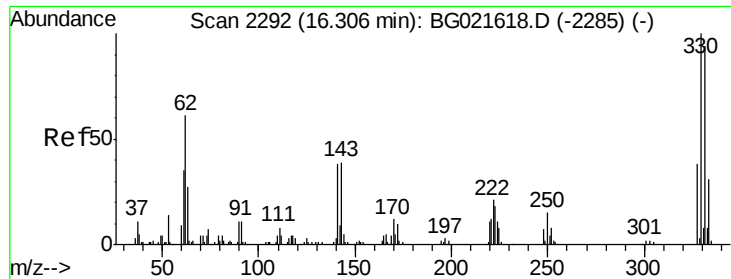
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021784.D
Acq: 20 Apr 2016 14:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	78.0	117.0
160	44.9	32.9	49.3





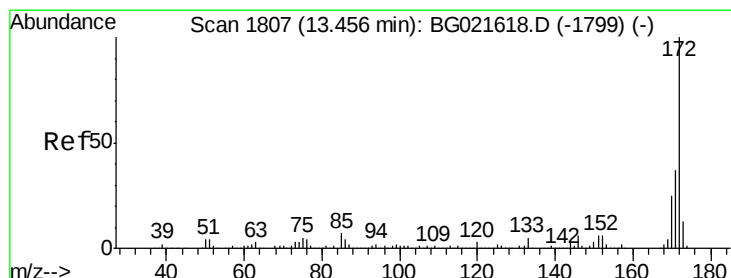
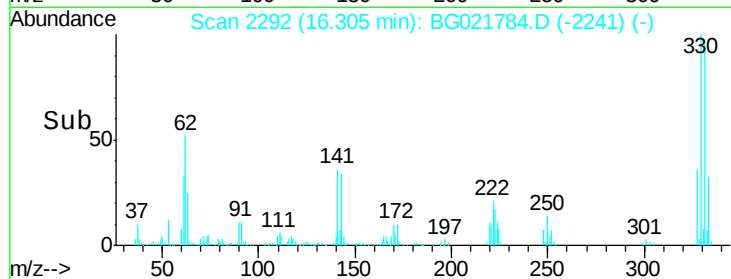
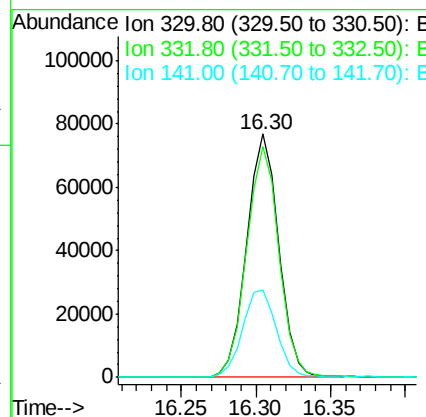
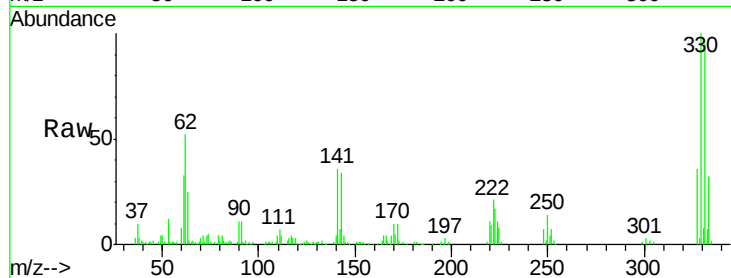
#41
 2,4,6-Tribromophenol
 Concen: 111.35 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021784.D
 Acq: 20 Apr 2016 14:25

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B20(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	113953		
332	96.2	78.0	117.0	
141	38.4	33.8	50.8	

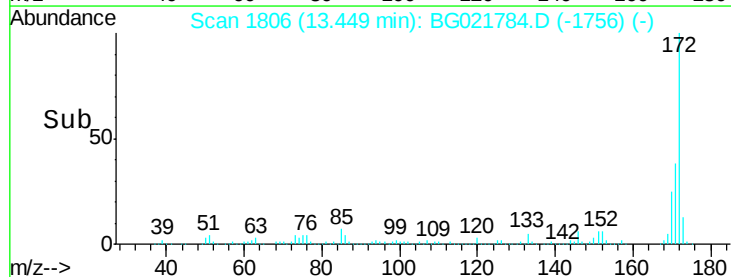
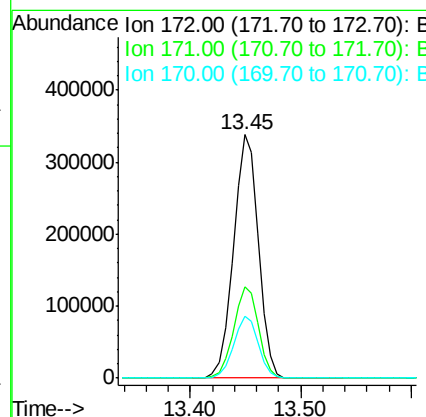
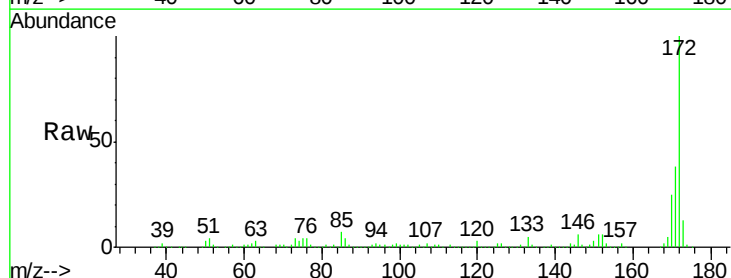
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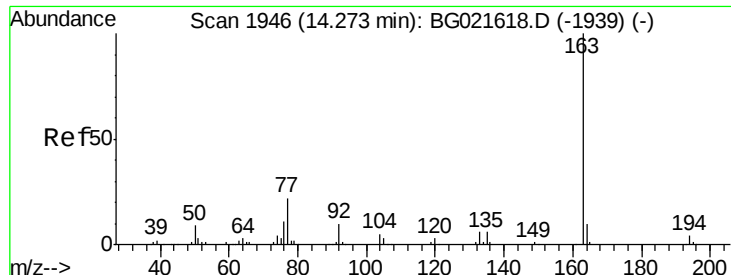
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#44
 2-Fluorobiphenyl
 Concen: 81.96 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021784.D
 Acq: 20 Apr 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	531146		
171	37.5	27.8	41.6	
170	25.2	19.6	29.4	





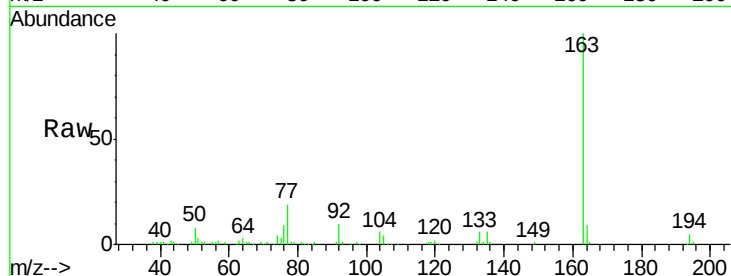
#49
Dimethylphthalate
Concen: 9.33 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG021784.D
Acq: 20 Apr 2016 14:25

Instrument :
BNA_G
ClientSampleId :
WPG-B20(0-5)-C

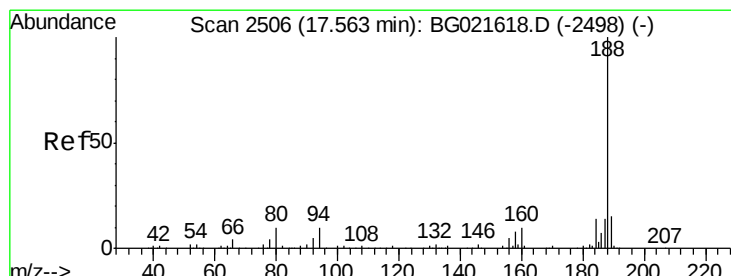
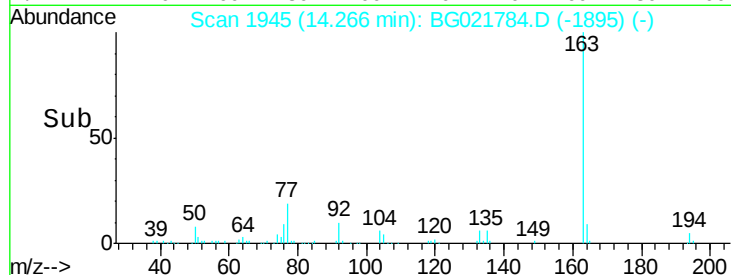
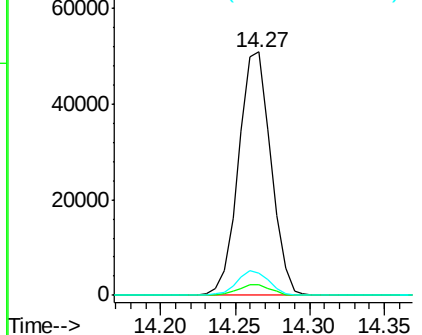
Tot Ion	Ratio	Resp	Lower	Upper
163	100	76578		
194	4.6		3.0	4.6#
164	8.9		8.1	12.1

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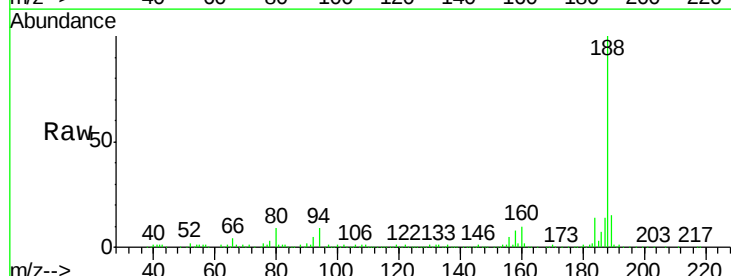


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

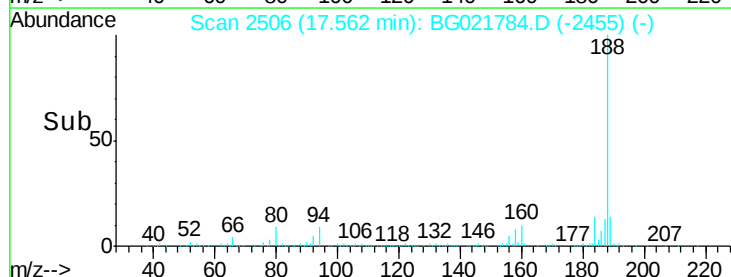
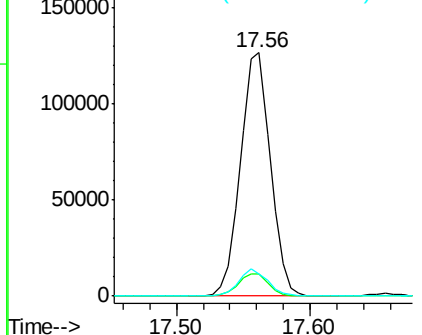


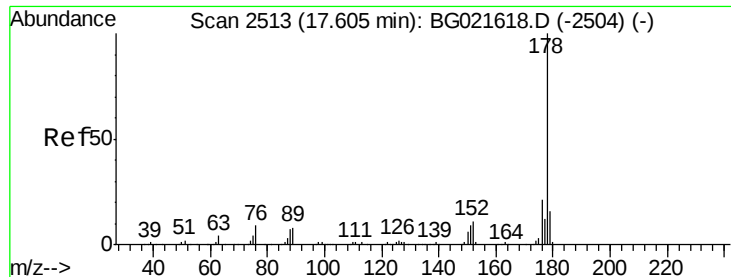
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021784.D
Acq: 20 Apr 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	195460		
94	9.0		7.5	11.3
80	9.0		8.6	13.0



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





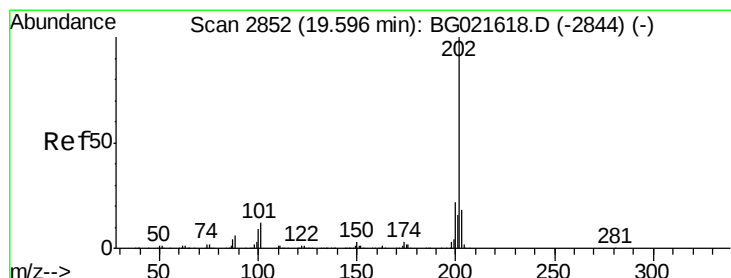
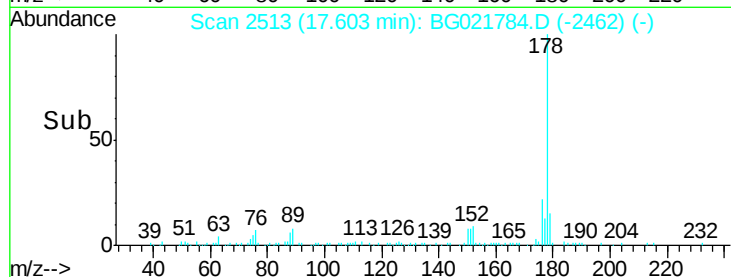
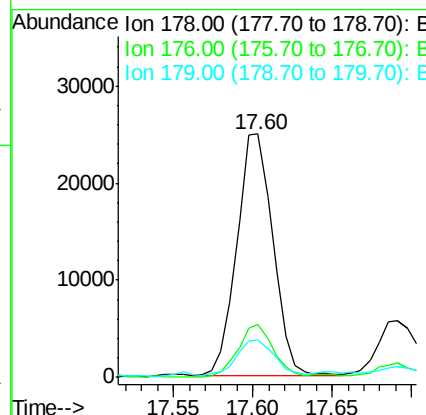
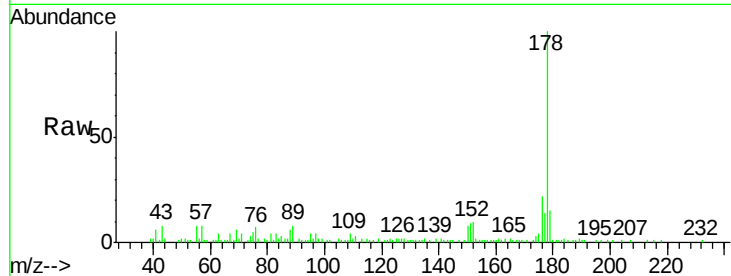
#70
Phenanthrene
Concen: 3.63 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG021784.D
Acq: 20 Apr 2016 14:25

Instrument :
BNA_G
ClientSampleId :
WPG-B20(0-5)-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.2	24.4
179	15.2	12.0	18.0

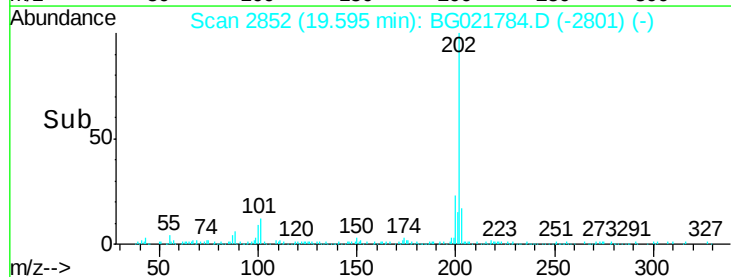
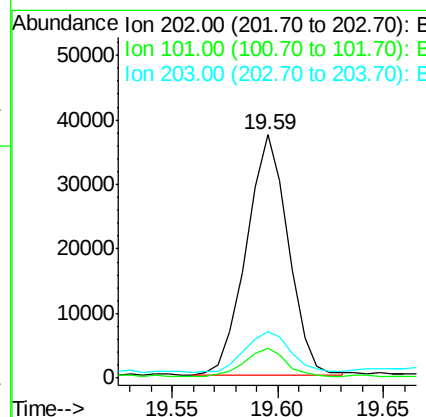
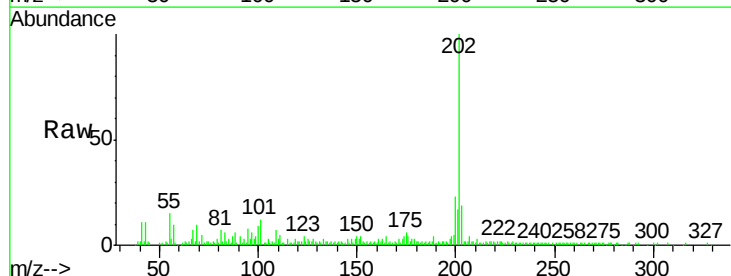
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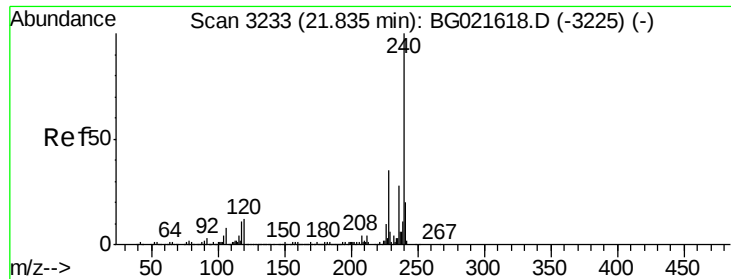
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#74
Fluoranthene
Concen: 3.98 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021784.D
Acq: 20 Apr 2016 14:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.0
203	19.0	0.0	37.9





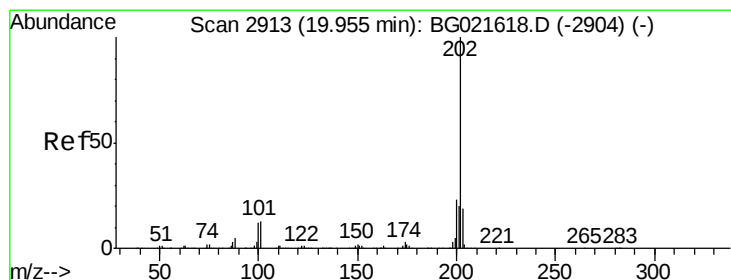
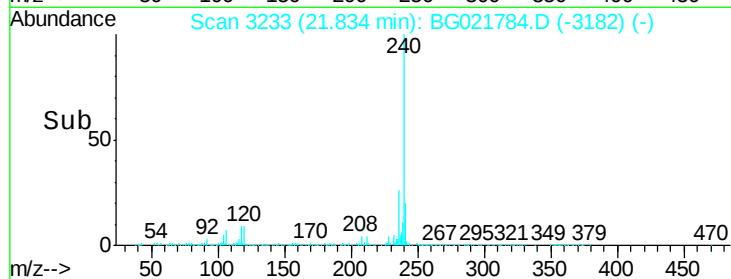
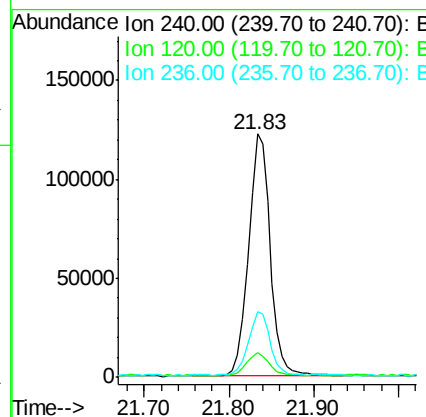
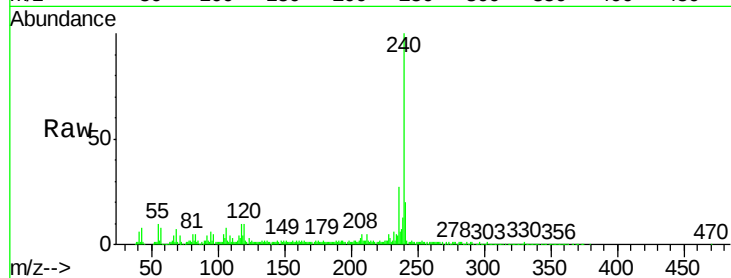
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG021784.D
Acq: 20 Apr 2016 14:25

Instrument :
BNA_G
ClientSampleId :
WPG-B20(0-5)-C

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	8.4	12.6
236	27.0	19.6	29.4

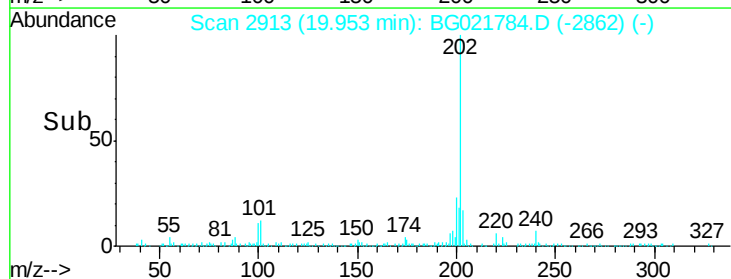
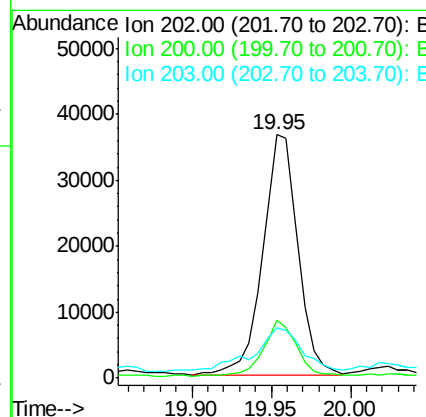
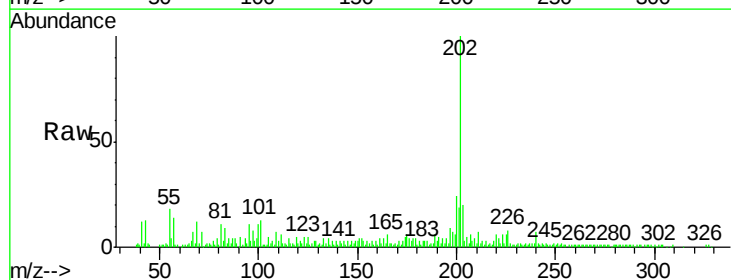
Manual Integrations
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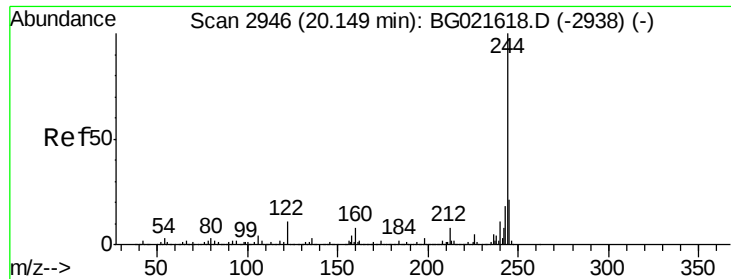
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#77
Pyrene
Concen: 4.47 ng
RT: 19.95 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG021784.D
Acq: 20 Apr 2016 14:25

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	23.7	18.2	27.2
203	20.4	15.0	22.4





#78

Terphenyl-d14

Concen: 72.05 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG021784.D

Acq: 20 Apr 2016 14:25

Instrument :

BNA_G

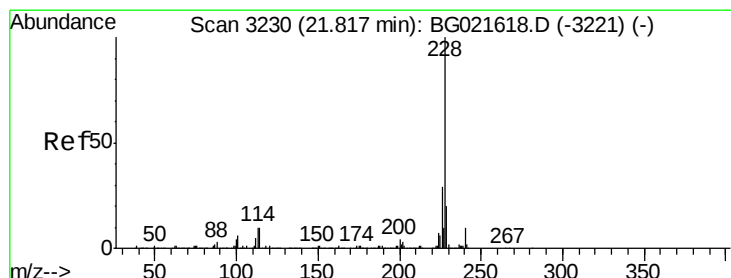
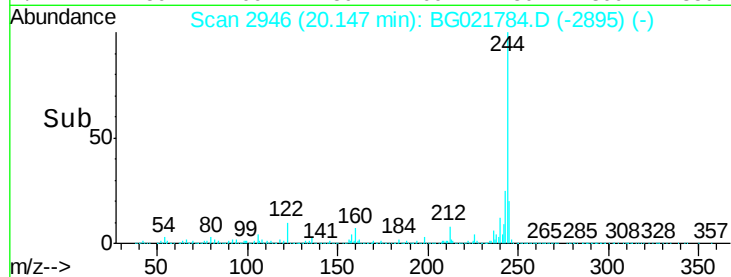
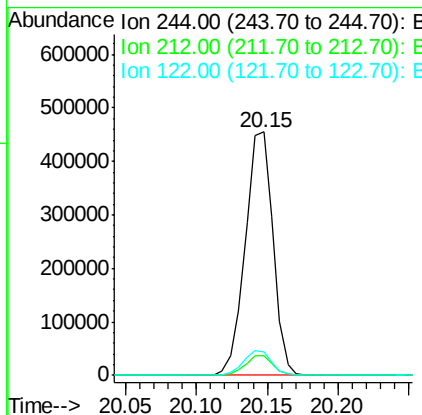
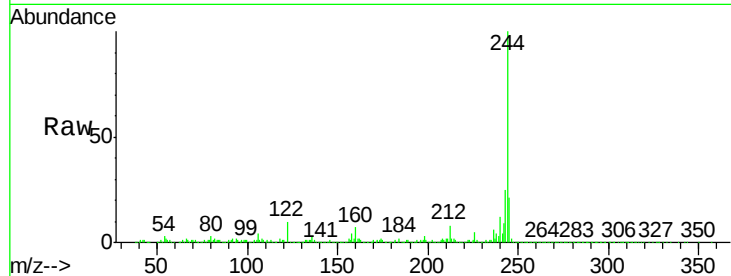
ClientSampleId :

WPG-B20(0-5)-C

Tot Ion:	244	Resp:	627915
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.5	9.7
122	9.8	8.6	12.8

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#80

Benzo(a)anthracene

Concen: 2.10 ng

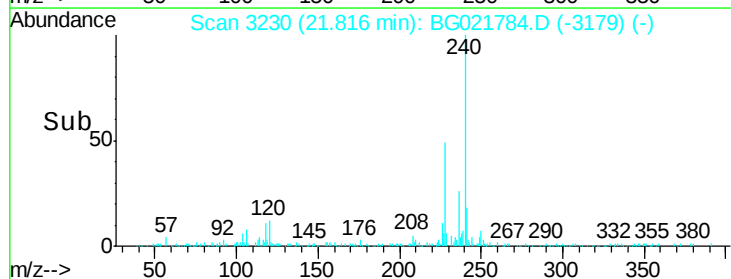
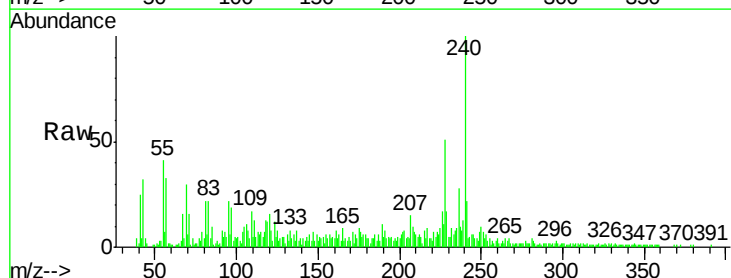
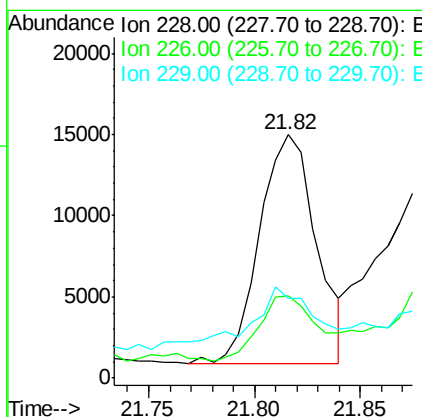
RT: 21.82 min Scan# 3230

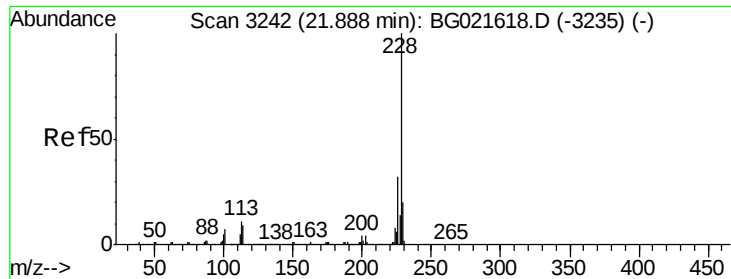
Delta R.T. -0.00 min

Lab File: BG021784.D

Acq: 20 Apr 2016 14:25

Tgt Ion:	228	Resp:	26330
Ion Ratio	Lower	Upper	
228	100		
226	33.8	22.6	34.0
229	32.5	16.1	24.1#





#82

Chrysene

Concen: 2.50 ng

RT: 21.89 min Scan# 3242

Delta R.T. -0.00 min

Lab File: BG021784.D

Acq: 20 Apr 2016 14:25

Instrument :

BNA_G

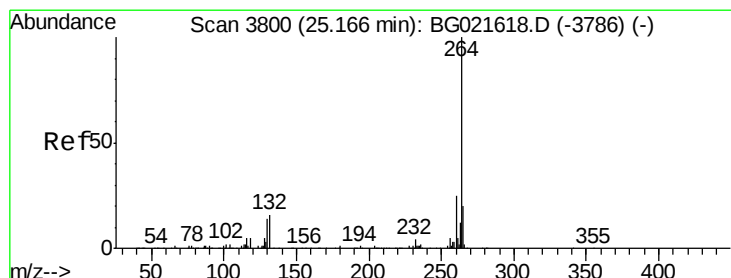
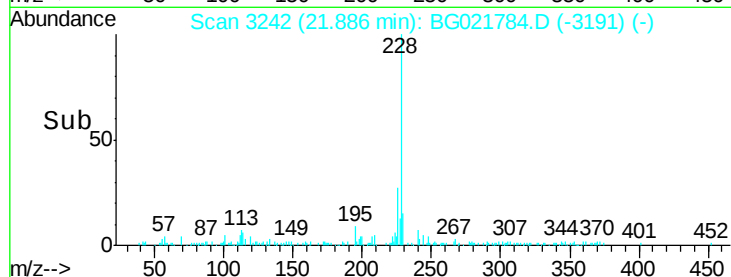
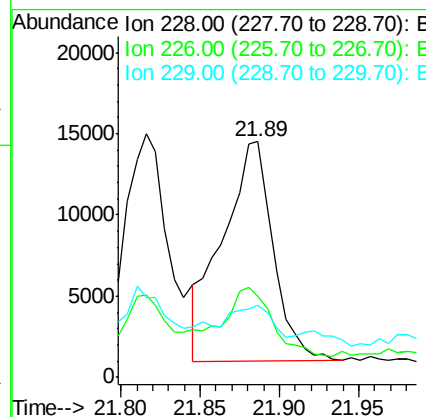
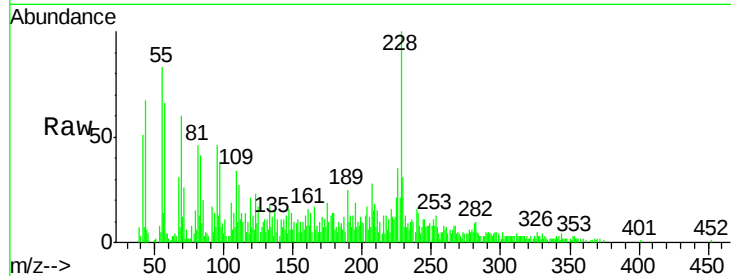
ClientSampleId :

WPG-B20(0-5)-C

Tot Ion:	228	Resp:	30067
Ion Ratio	Lower	Upper	
228	100		
226	34.6	25.4	38.0
229	30.7	15.9	23.9

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#86

Perylene-d12

Concen: 20.00 ng

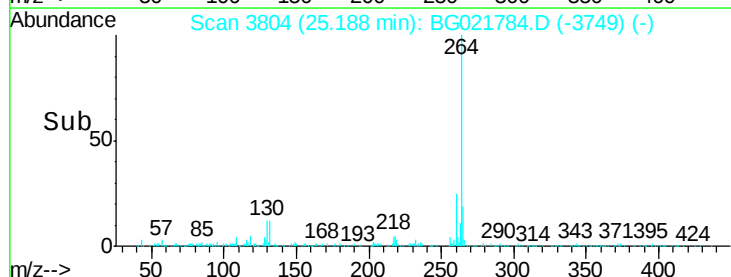
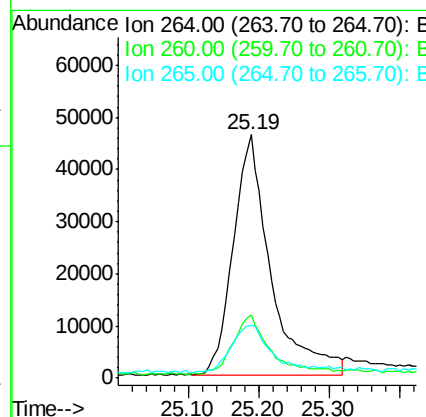
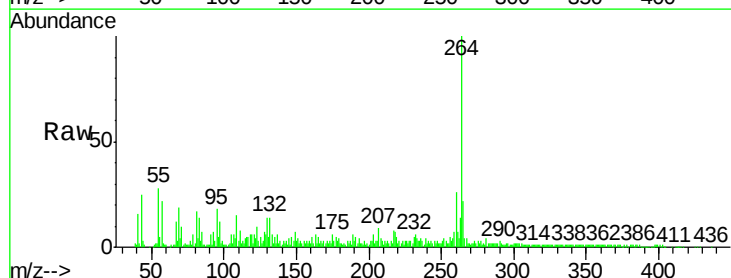
RT: 25.19 min Scan# 3804

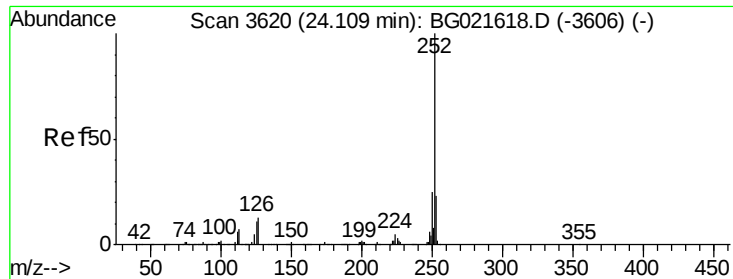
Delta R.T. 0.02 min

Lab File: BG021784.D

Acq: 20 Apr 2016 14:25

Tgt Ion:	264	Resp:	169876
Ion Ratio	Lower	Upper	
264	100		
260	26.1	20.2	30.4
265	21.7	17.8	26.8





#87
 Benzo(b)fluoranthene
 Concen: 3.04 ng m
 RT: 24.12 min Scan# 3622
 Delta R.T. 0.01 min
 Lab File: BG021784.D
 Acq: 20 Apr 2016 14:25

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B20(0-5)-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	80.1	17.5	26.3#
125	42.2	8.6	13.0#

Manual Integrations
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 4/21/2016 10:37:54 AM

