

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
 Data File : BG021785.D
 Acq On : 20 Apr 2016 15:05
 Operator : UM/SJ
 Sample : H2589-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B22(0-7.5)-C

Manual Integrations
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Sohil
 4/21/2016 10:38:00 AM

Quant Time: Apr 20 16:54:32 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	38891	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	169673	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	91794	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	188469	20.00	ng	0.00
75) Chrysene-d12	21.83	240	210143	20.00	ng	0.00
86) Perylene-d12	25.18	264	177296	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.76	112	258406	110.65	ng	0.00
7) Phenol-d6	7.37	99	376980	108.06	ng	0.02
23) Nitrobenzene-d5	9.38	82	242019	73.32	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	117242	118.51	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	508143	81.11	ng	0.00
78) Terphenyl-d14	20.15	244	580253	68.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	14.27	163	55316	6.97	ng	# 99
70) Phenanthrene	17.60	178	66961	6.45	ng	98
74) Fluoranthene	19.60	202	150371	12.12	ng	100
77) Pyrene	19.96	202	135446	11.18	ng	100
80) Benzo(a)anthracene	21.82	228	85867	7.10	ng	96
82) Chrysene	21.89	228	69916	6.02	ng	97
87) Benzo(b)fluoranthene	24.12	252	76241	7.41	ng	# 91
88) Benzo(k)fluoranthene	24.17	252	34338m	3.41	ng	
89) Benzo(a)pyrene	25.01	252	56460	5.66	ng	# 87

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

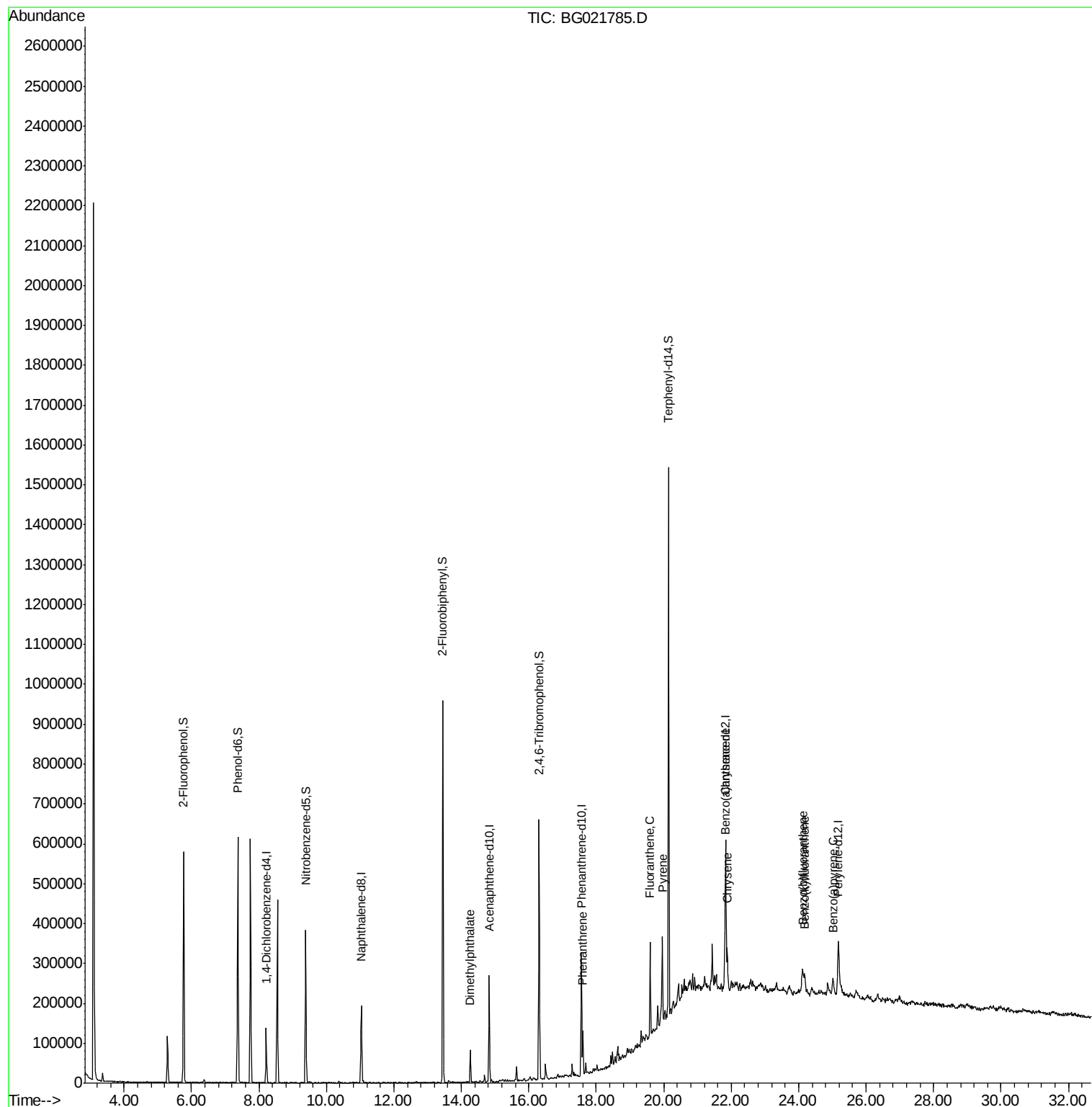
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021785.D
Acq On : 20 Apr 2016 15:05
Operator : UM/SJ
Sample : H2589-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

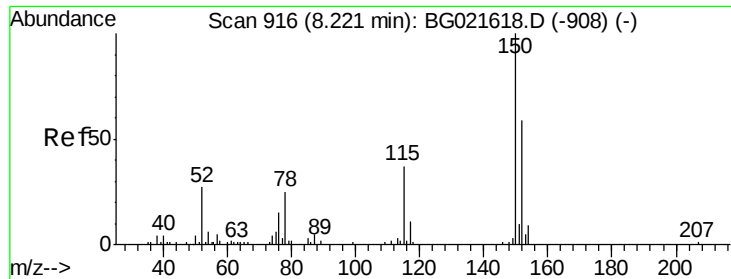
Instrument :
BNA_G
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WPG-B22(0-7.5)-C

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QLast Update : Wed Apr 13 15:48:13 2016
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: BG021785.D

Acq: 20 Apr 2016 15:05

Instrument :

BNA_G

ClientSampleId :

WPG-B22(0-7.5)-C

Tot Ion:152 Resp: 38891

Ion Ratio Lower Upper

152 100

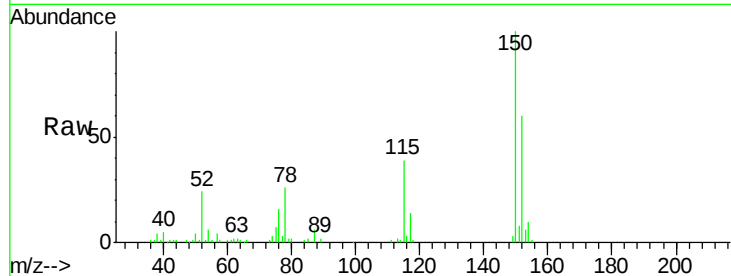
150 166.5 130.1 195.1

115 64.7 62.2 93.2

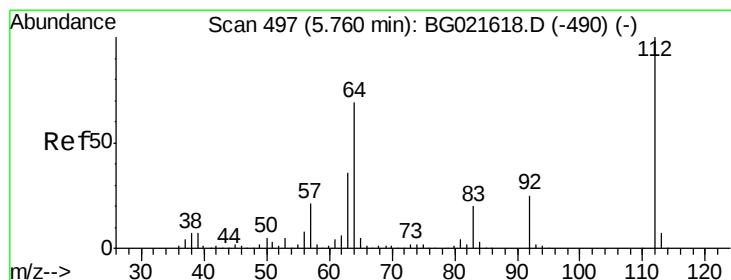
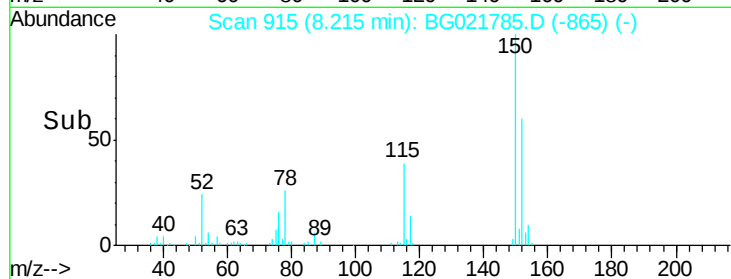
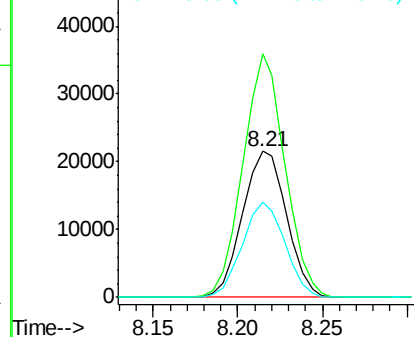
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 110.65 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021785.D

Acq: 20 Apr 2016 15:05

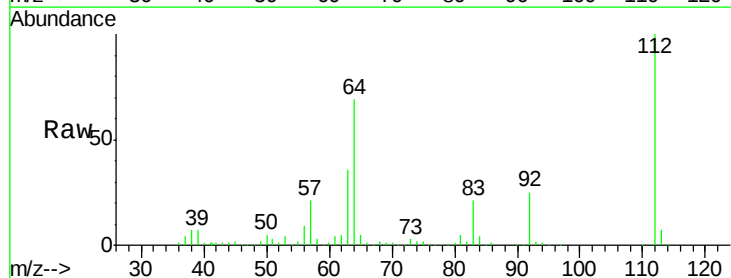
Tgt Ion:112 Resp: 258406

Ion Ratio Lower Upper

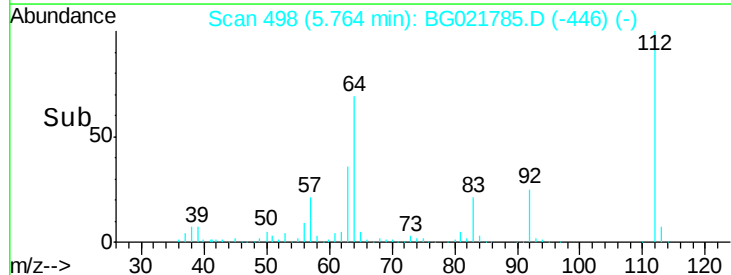
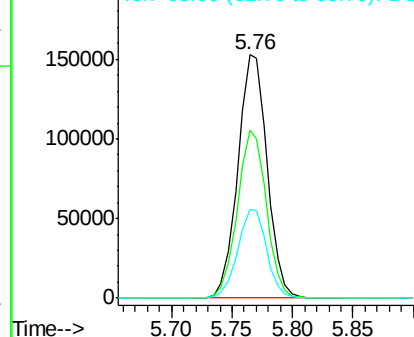
112 100

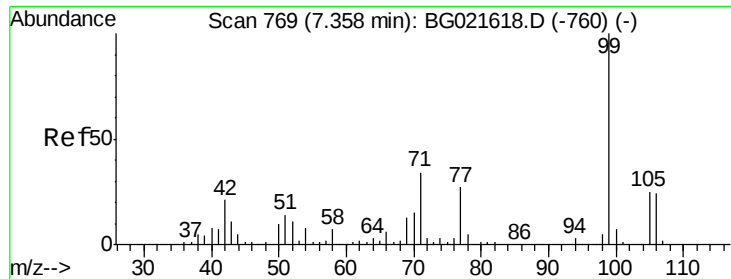
64 68.8 51.1 76.7

63 36.3 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: 108.06 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021785.D

Acq: 20 Apr 2016 15:05

Instrument :

BNA_G

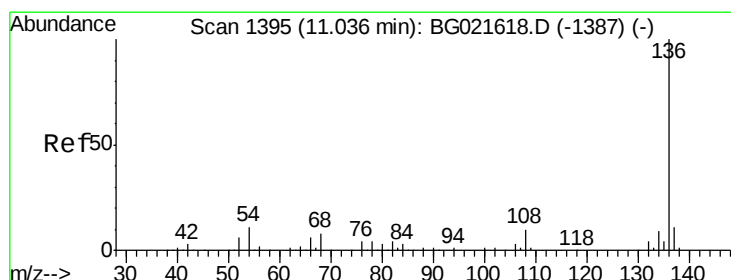
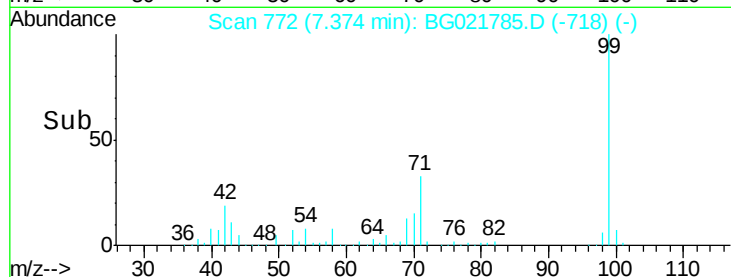
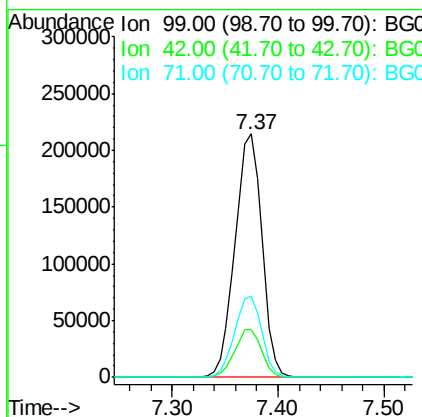
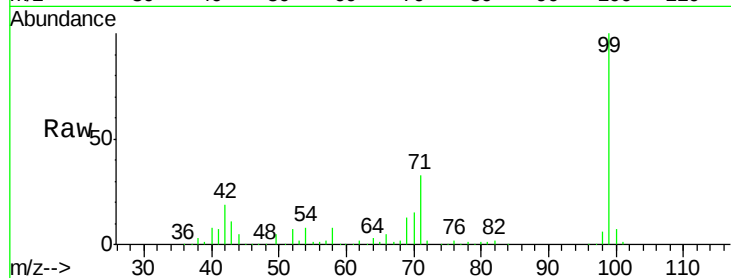
ClientSampleId :

WPG-B22(0-7.5)-C

Tot Ion:	99	Resp:	376980
Ion Ratio	Lower	Upper	
99	100		
42	19.4	16.4	24.6
71	33.2	25.0	37.4

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#21

Naphthalene-d8

Concen: 20.00 ng

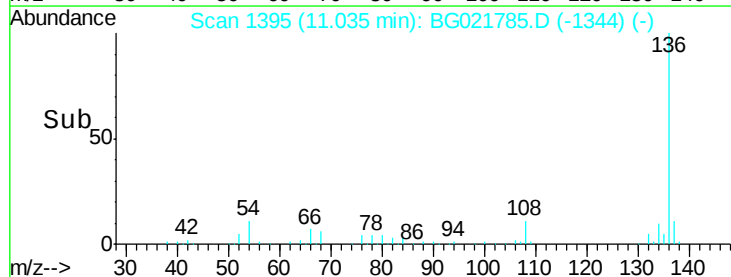
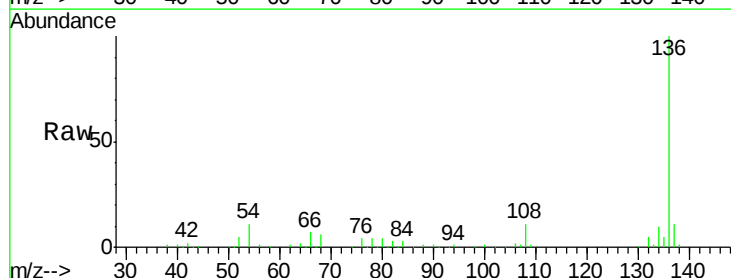
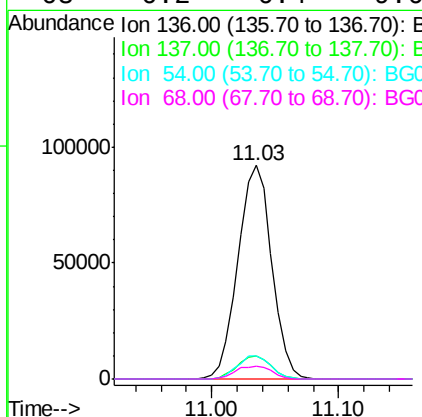
RT: 11.03 min Scan# 1395

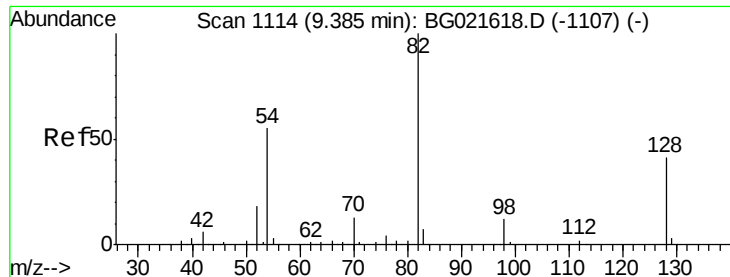
Delta R.T. -0.00 min

Lab File: BG021785.D

Acq: 20 Apr 2016 15:05

Tgt Ion:	136	Resp:	169673
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.4
54	10.9	9.6	14.4
68	6.2	6.4	9.6#





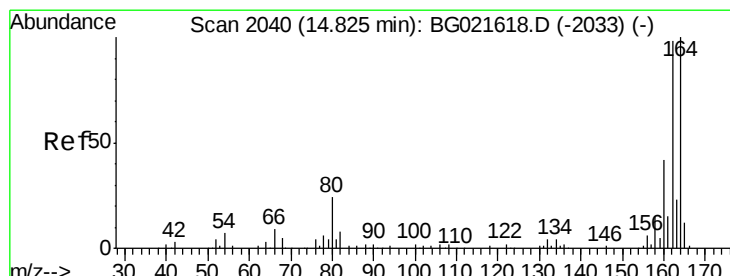
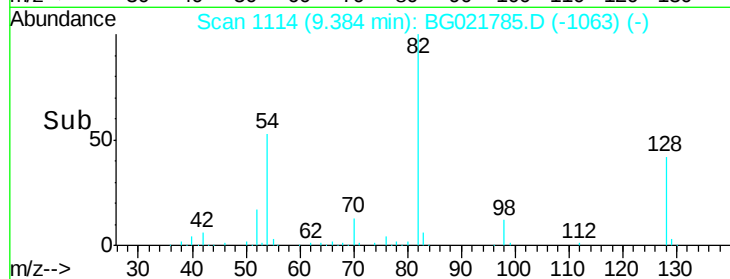
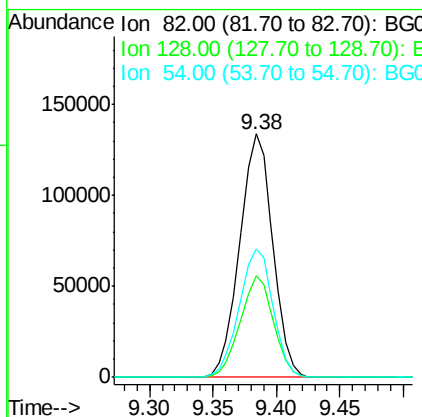
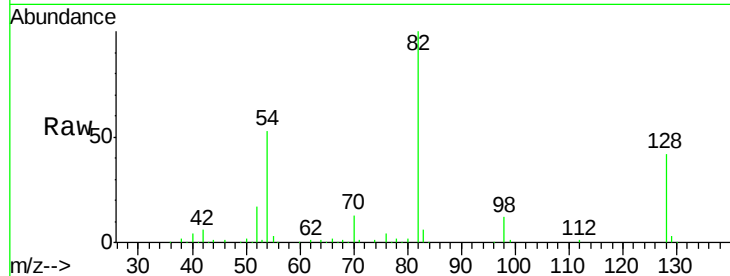
#23
 Nitrobenzene-d5
 Concen: 73.32 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021785.D
 Acq: 20 Apr 2016 15:05

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B22(0-7.5)-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.4	50.0
54	52.9	46.1	69.1

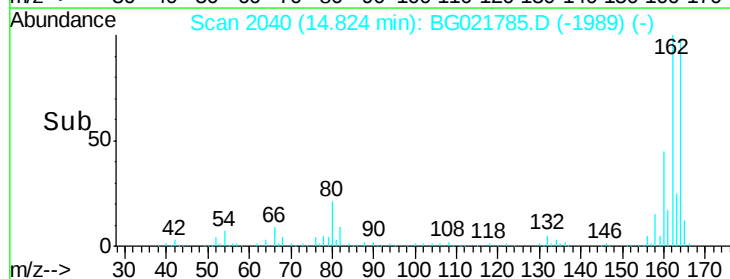
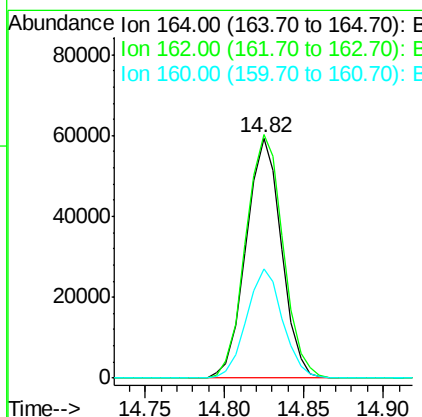
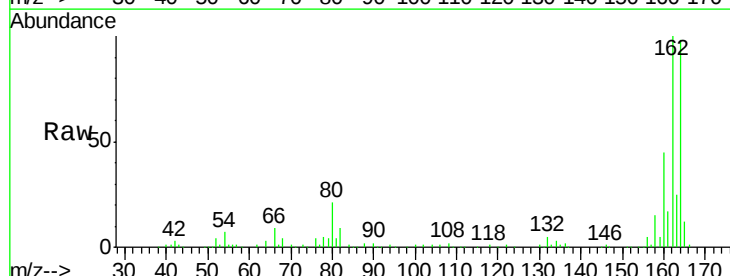
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021785.D
 Acq: 20 Apr 2016 15:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.0	117.0
160	45.6	32.9	49.3





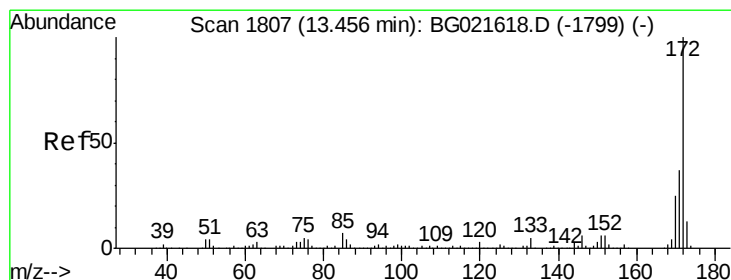
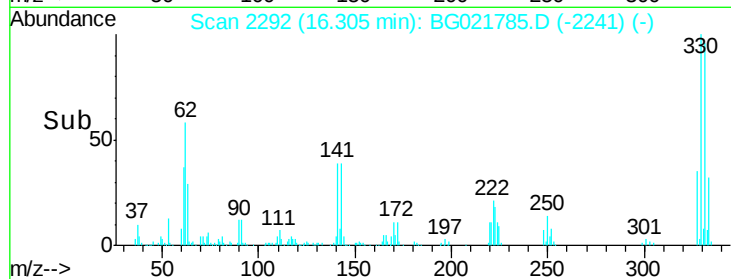
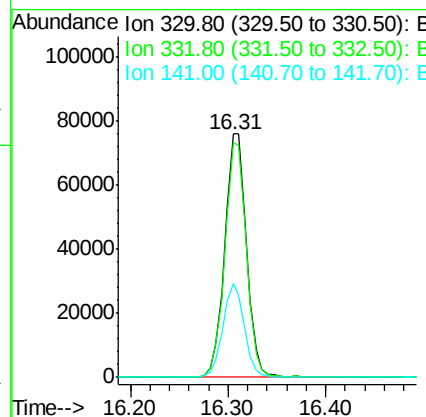
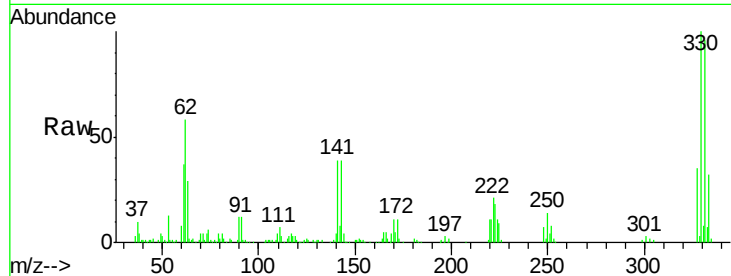
#41
 2,4,6-Tribromophenol
 Concen: 118.51 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021785.D
 Acq: 20 Apr 2016 15:05

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B22(0-7.5)-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	117242		
332	95.2	78.0	117.0	
141	37.9	33.8	50.8	

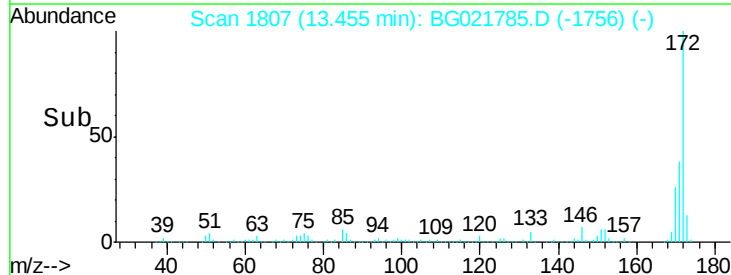
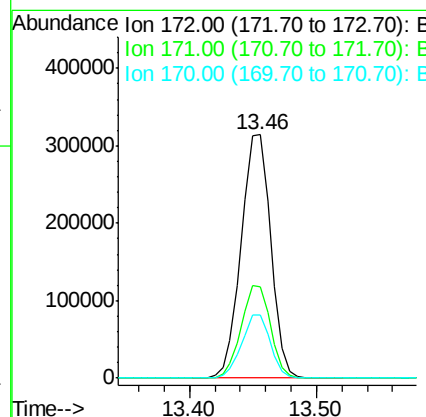
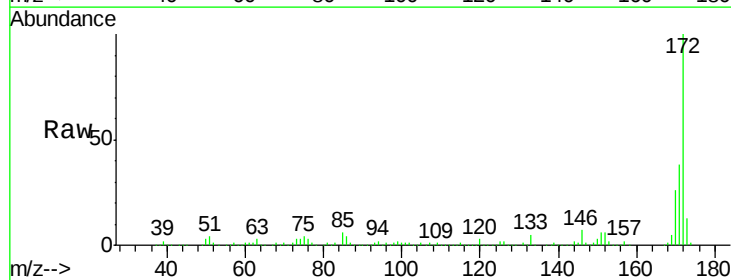
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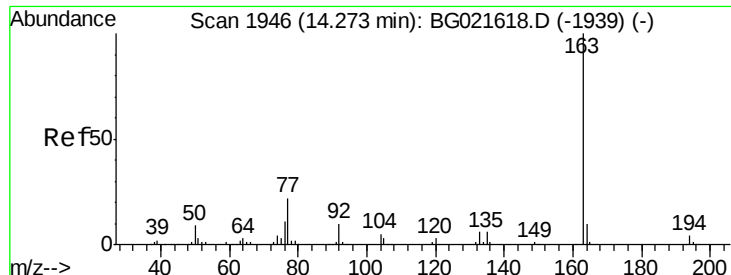
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#44
 2-Fluorobiphenyl
 Concen: 81.11 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021785.D
 Acq: 20 Apr 2016 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	508143		
171	37.5	27.8	41.6	
170	25.8	19.6	29.4	





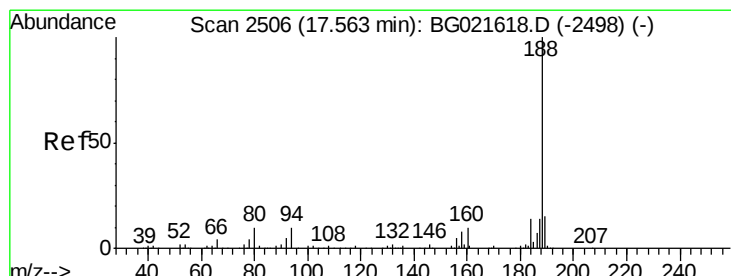
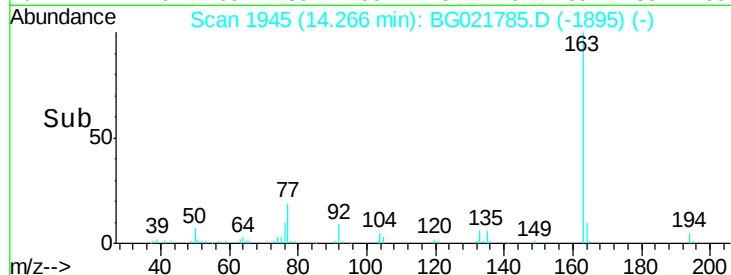
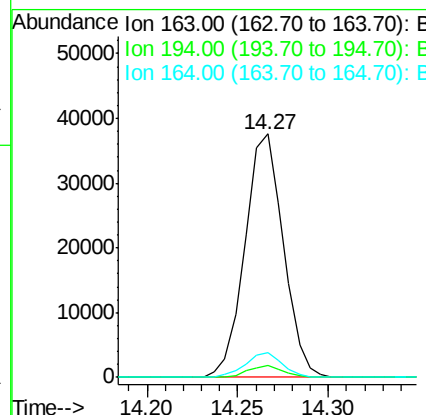
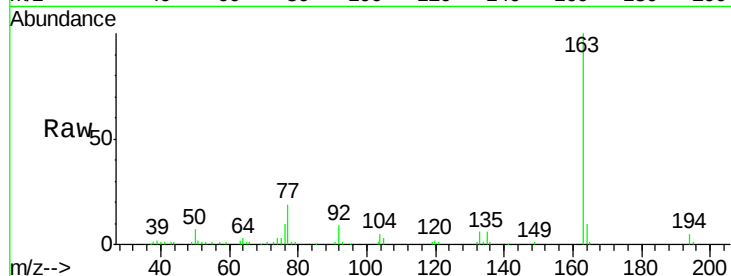
#49
Dimethylphthalate
Concen: 6.97 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG021785.D
Acq: 20 Apr 2016 15:05

Instrument :
BNA_G
ClientSampleId :
WPG-B22(0-7.5)-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	55316		
194	5.1		3.0	4.6#
164	10.2		8.1	12.1

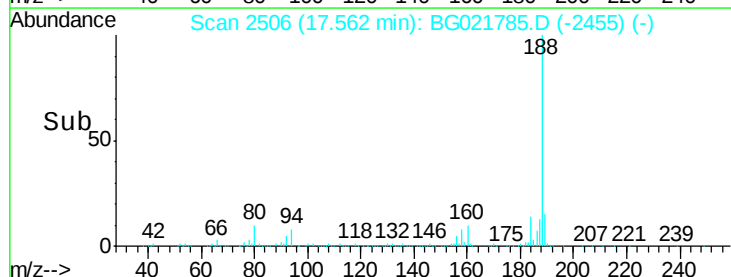
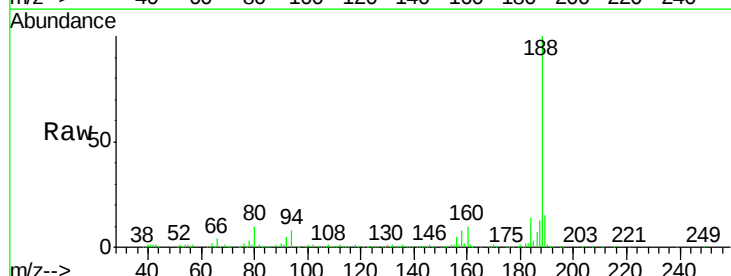
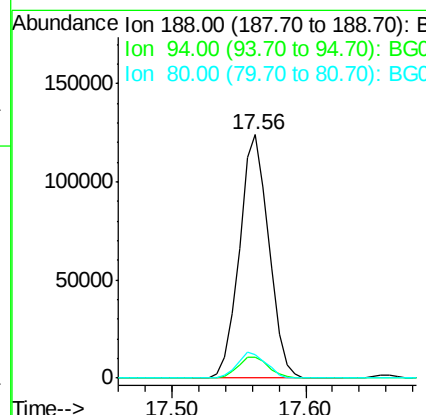
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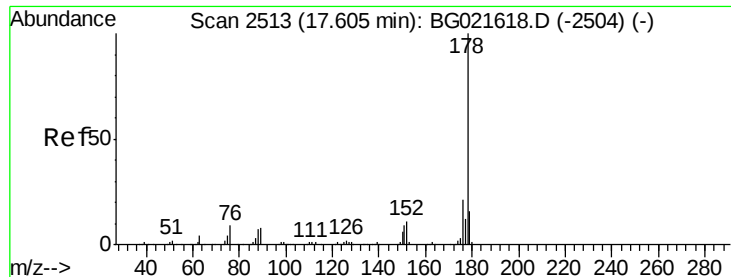
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021785.D
Acq: 20 Apr 2016 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	188469		
94	8.4		7.5	11.3
80	9.5		8.6	13.0





#70

Phenanthrene

Concen: 6.45 ng

RT: 17.60 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG021785.D

Acq: 20 Apr 2016 15:05

Instrument :

BNA_G

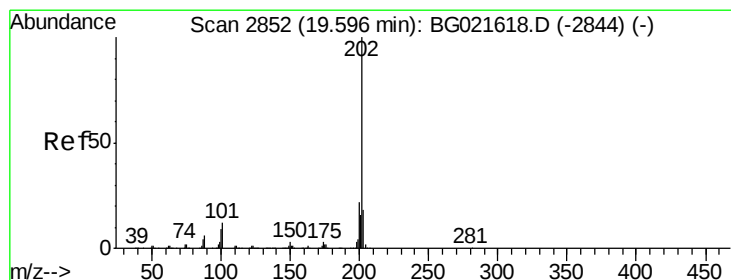
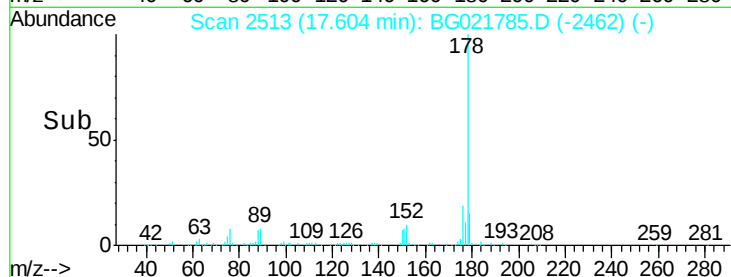
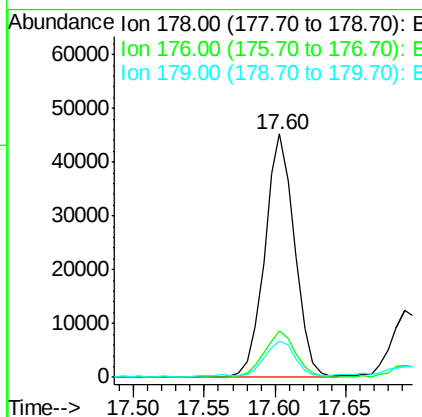
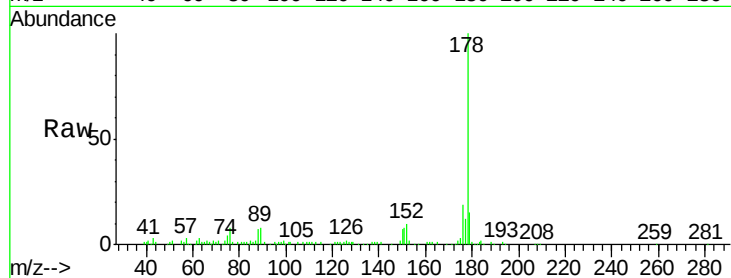
ClientSampleId :

WPG-B22(0-7.5)-C

Tot Ion:	178	Resp:	66961
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.2	24.4
179	15.0	12.0	18.0

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#74

Fluoranthene

Concen: 12.12 ng

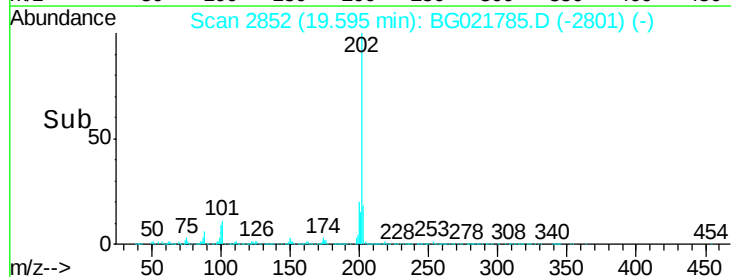
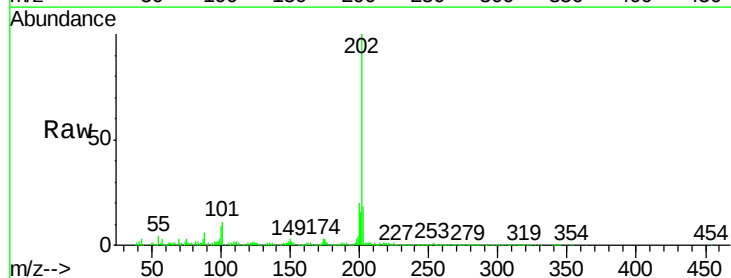
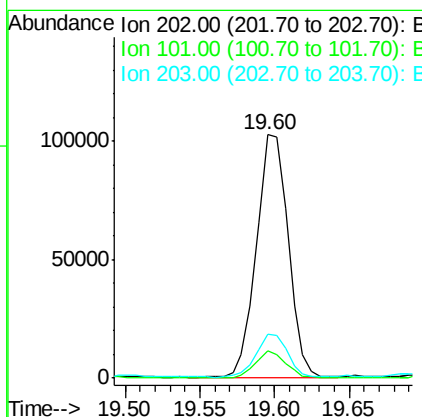
RT: 19.60 min Scan# 2852

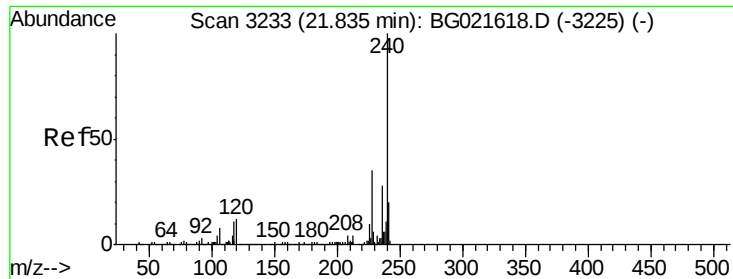
Delta R.T. -0.00 min

Lab File: BG021785.D

Acq: 20 Apr 2016 15:05

Tgt Ion:	202	Resp:	150371
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.0
203	18.0	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: BG021785.D

Acq: 20 Apr 2016 15:05

Instrument :

BNA_G

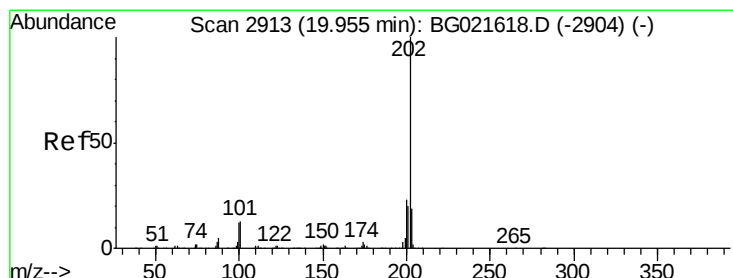
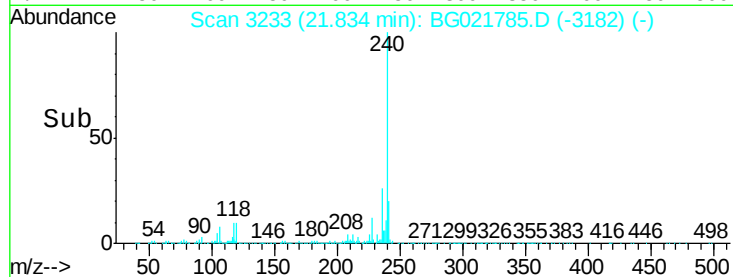
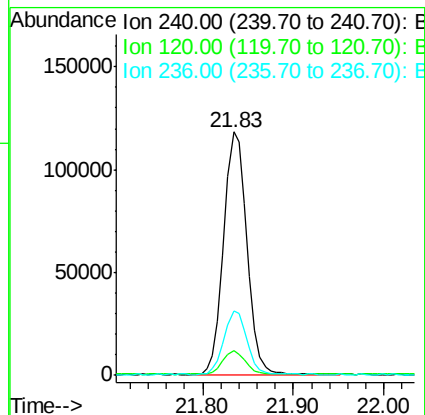
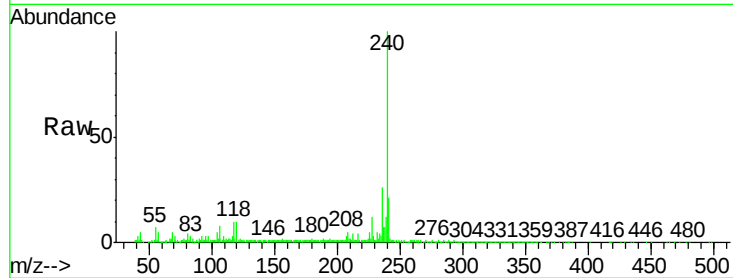
ClientSampleId :

WPG-B22(0-7.5)-C

Tot Ion:	240	Resp:	210143
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.4	12.6
236	26.2	19.6	29.4

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#77

Pyrene

Concen: 11.18 ng

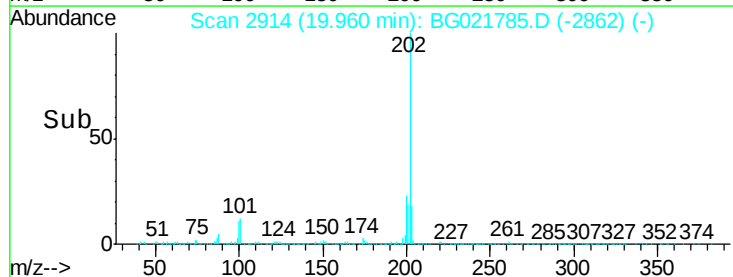
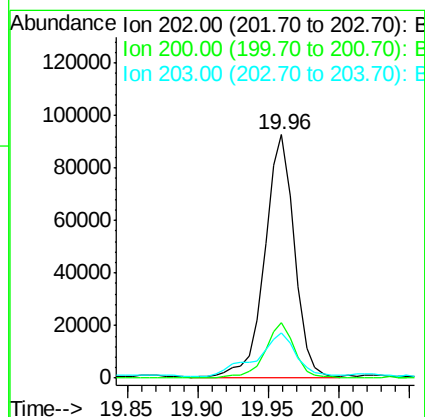
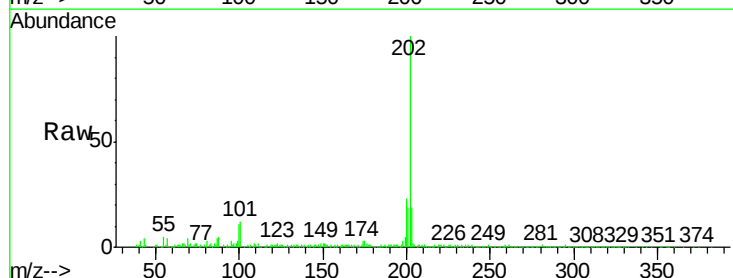
RT: 19.96 min Scan# 2914

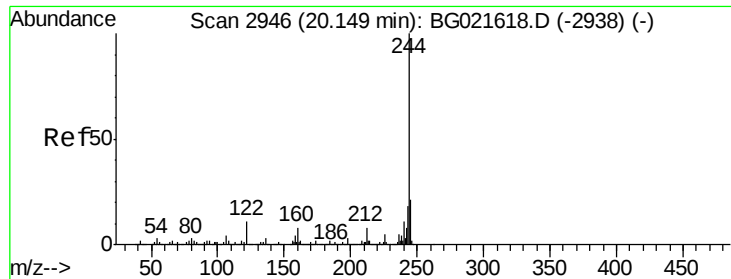
Delta R.T. 0.00 min

Lab File: BG021785.D

Acq: 20 Apr 2016 15:05

Tgt Ion:	202	Resp:	135446
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.2	27.2
203	18.6	15.0	22.4





#78

Terphenyl-d14

Concen: 68.90 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG021785.D

Acq: 20 Apr 2016 15:05

Instrument :

BNA_G

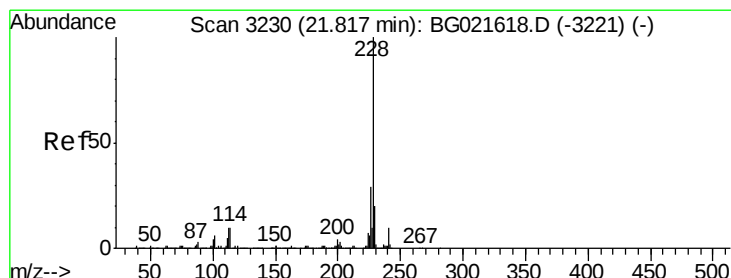
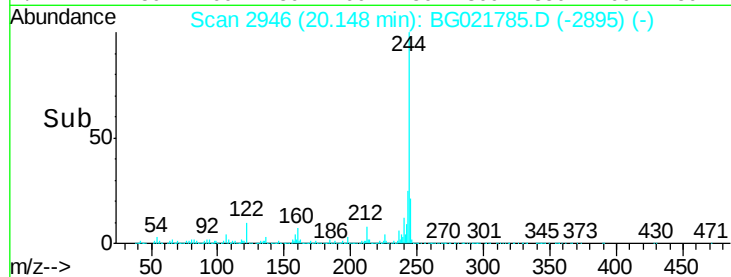
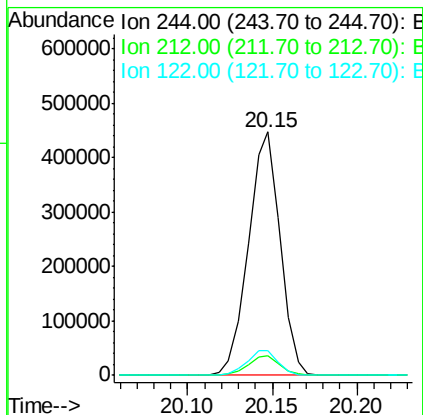
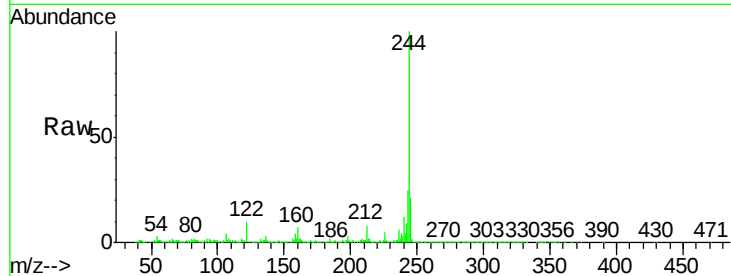
ClientSampleId :

WPG-B22(0-7.5)-C

Tot Ion:	244	Resp:	580253
Ion Ratio		Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.2	8.6	12.8

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#80

Benzo(a)anthracene

Concen: 7.10 ng

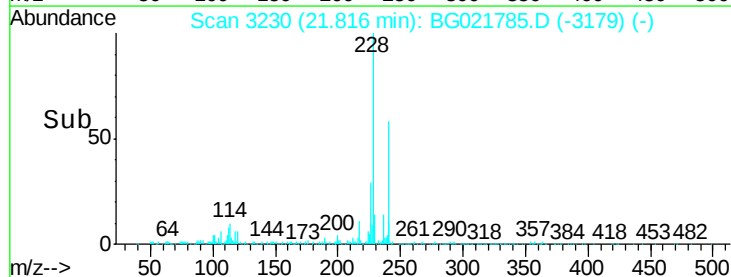
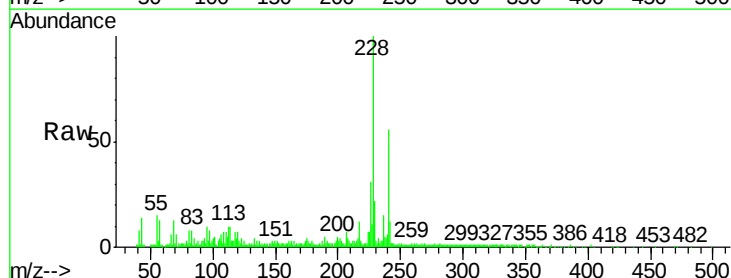
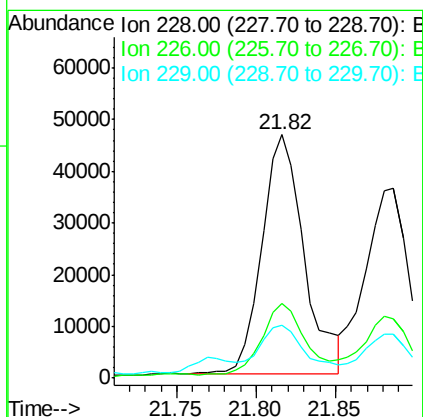
RT: 21.82 min Scan# 3230

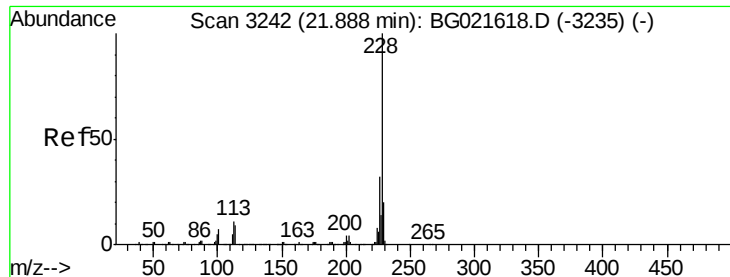
Delta R.T. -0.00 min

Lab File: BG021785.D

Acq: 20 Apr 2016 15:05

Tgt Ion:	228	Resp:	85867
Ion Ratio		Lower	Upper
228	100		
226	30.9	22.6	34.0
229	21.8	16.1	24.1





#82

Chrysene

Concen: 6.02 ng

RT: 21.89 min Scan# 3242

Delta R.T. -0.00 min

Lab File: BG021785.D

Acq: 20 Apr 2016 15:05

Instrument :

BNA_G

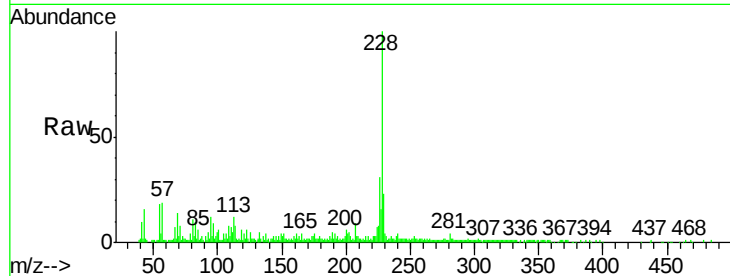
ClientSampleId :

WPG-B22(0-7.5)-C

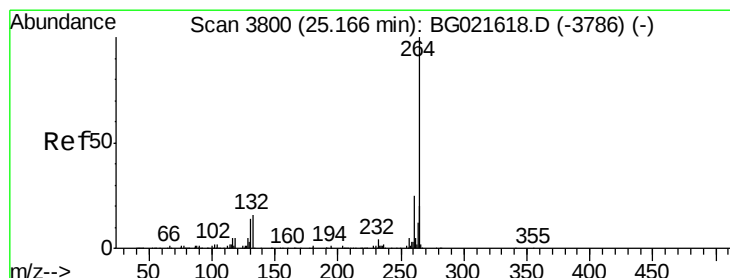
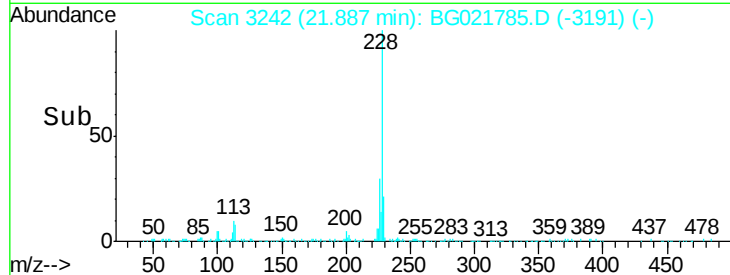
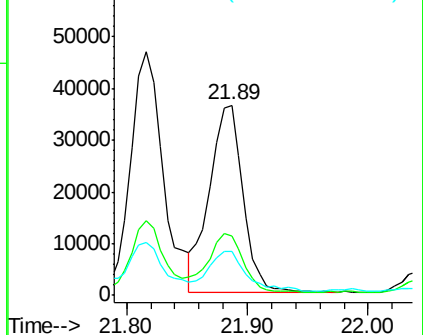
Tot Ion:	228	Resp:	69916
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.4	38.0
229	23.2	15.9	23.9

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

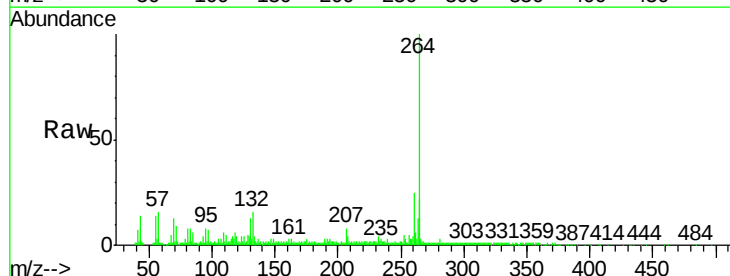
RT: 25.18 min Scan# 3802

Delta R.T. 0.01 min

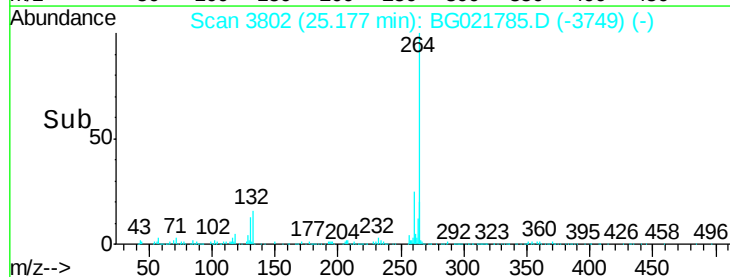
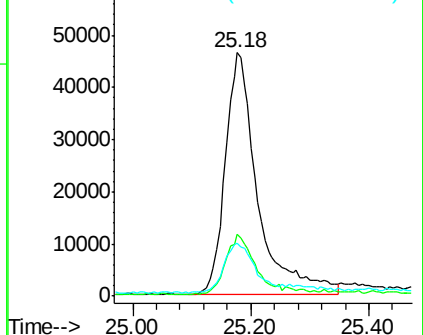
Lab File: BG021785.D

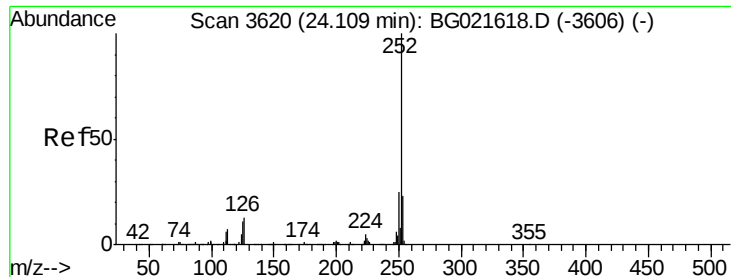
Acq: 20 Apr 2016 15:05

Tgt Ion:	264	Resp:	177296
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.2	30.4
265	21.6	17.8	26.8



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





#87

Benzo(b)fluoranthene

Concen: 7.41 ng

RT: 24.12 min Scan# 3622

Delta R.T. 0.01 min

Lab File: BG021785.D

Acq: 20 Apr 2016 15:05

Instrument :

BNA_G

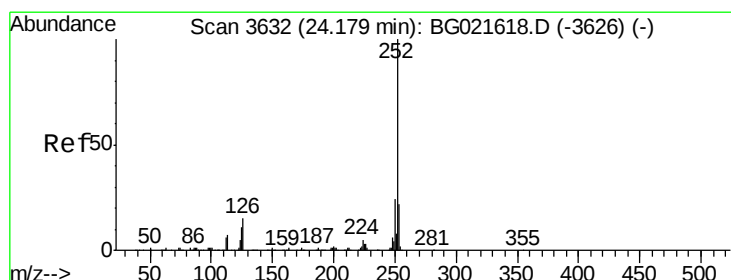
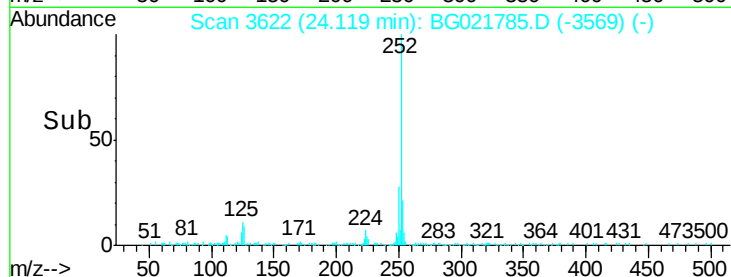
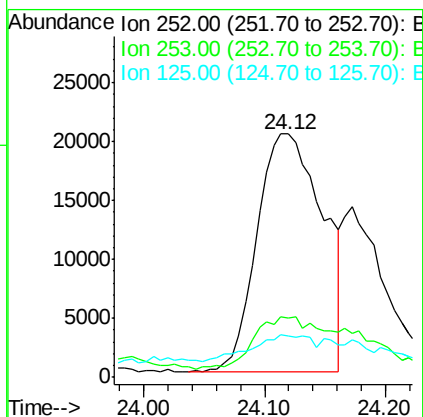
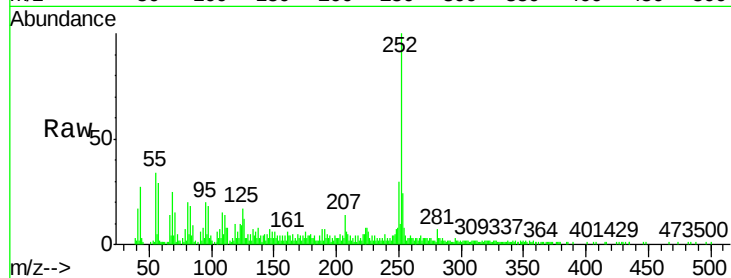
ClientSampleId :

WPG-B22(0-7.5)-C

Tot Ion:	252	Resp:	76241
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.5	26.3
125	17.2	8.6	13.0#

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#88

Benzo(k)fluoranthene

Concen: 3.41 ng m

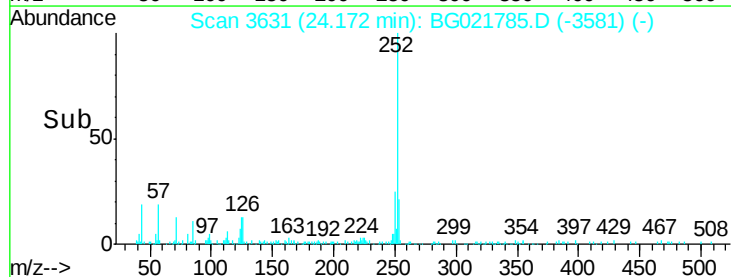
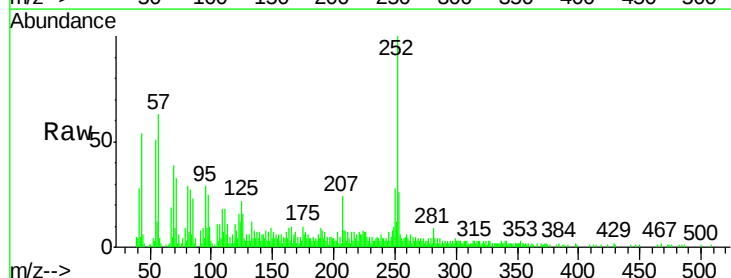
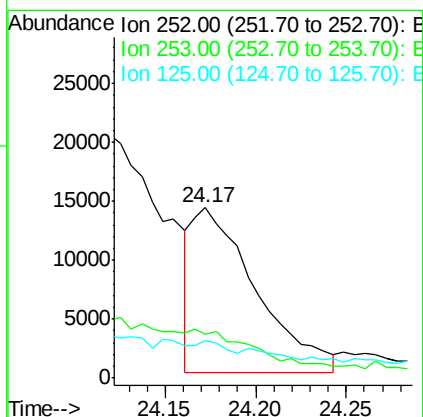
RT: 24.17 min Scan# 3631

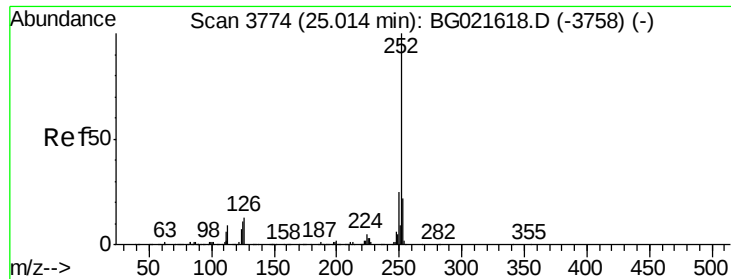
Delta R.T. -0.01 min

Lab File: BG021785.D

Acq: 20 Apr 2016 15:05

Tgt Ion:	252	Resp:	34338
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.8	26.8
125	21.9	8.3	12.5#





#89
 Benzo(a)pyrene
 Concen: 5.66 ng
 RT: 25.01 min Scan# 3774
 Delta R.T. -0.00 min
 Lab File: BG021785.D
 Acq: 20 Apr 2016 15:05

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B22(0-7.5)-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.1	25.7#
125	18.5	9.6	14.4#

Manual Integrations
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