

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019159.D
 Acq On : 12 Oct 2015 13:02
 Operator : UM/NP
 Sample : G3989-02
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C4-GW

Manual Integrations
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Quant Time: Oct 13 07:18:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19457	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	87530	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	69111	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	148318	20.00	ng	0.00
75) Chrysene-d12	21.68	240	172141	20.00	ng	0.00
86) Perylene-d12	24.91	264	172233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	64923	67.94	ng	0.00
7) Phenol-d6	7.20	99	64510	43.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	170094	107.37	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	134797	143.13	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	413906	92.09	ng	0.00
78) Terphenyl-d14	20.02	244	588810	90.35	ng	0.00
Target Compounds						
51) Acenaphthene	14.73	154	22400	5.47	ng	Qvalue 97
54) Dibenzofuran	15.05	168	28153	4.65	ng	# 91
57) Fluorene	15.71	166	44138	8.41	ng	98
59) Diethylphthalate	15.47	149	11921m	2.10	ng	
70) Phenanthrene	17.45	178	28246	3.70	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	19292	3.54	ng	# 94

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

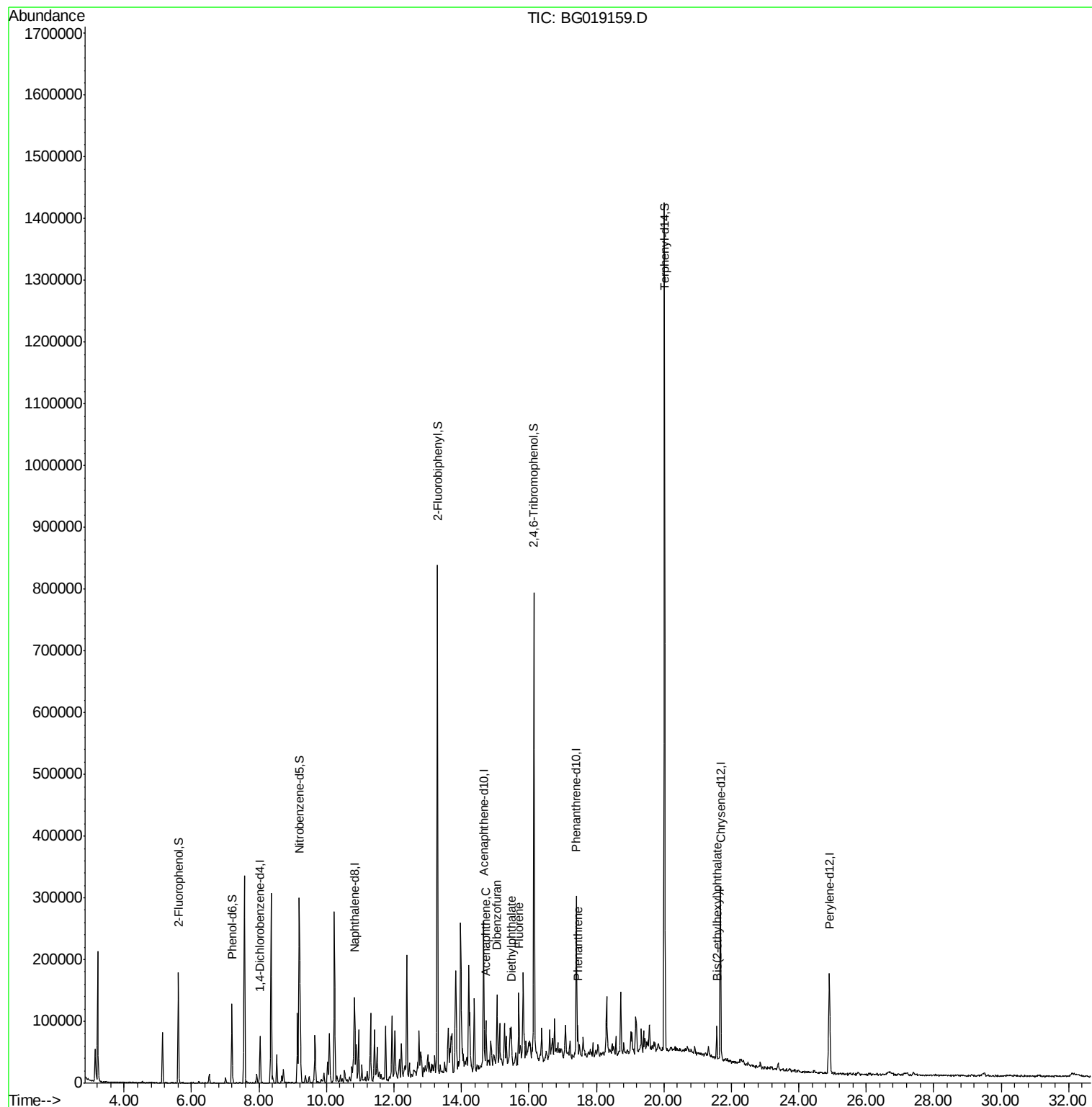
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
Data File : BG019159.D
Acq On : 12 Oct 2015 13:02
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Sample : G3989-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

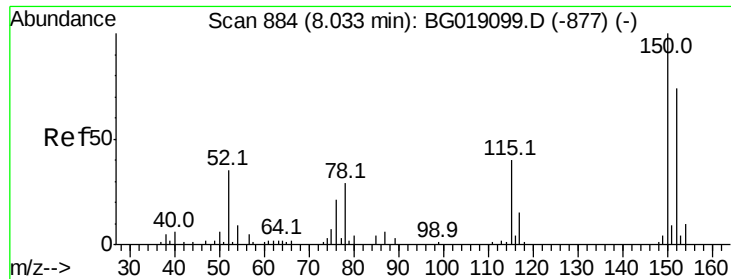
Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

Manual Integrations
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Quant Time: Oct 13 07:18:32 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
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QLast Update : Sat Oct 10 07:04:31 2015
Response via : Initial Calibration





#1

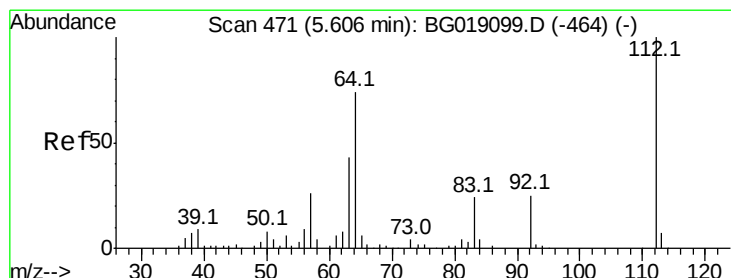
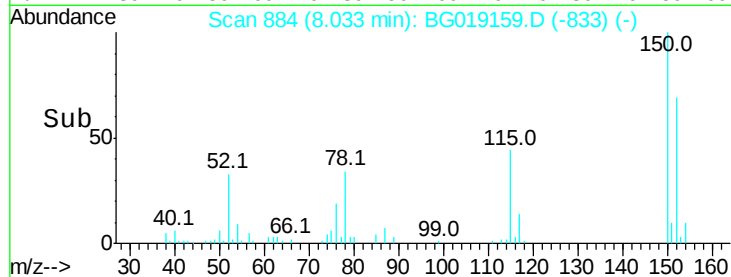
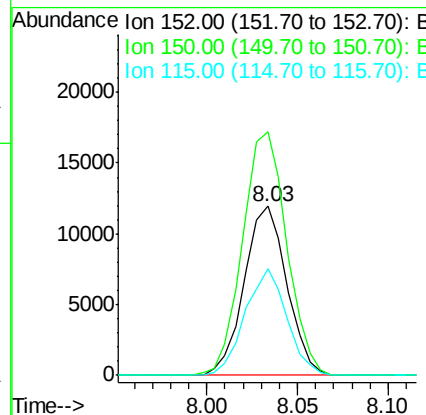
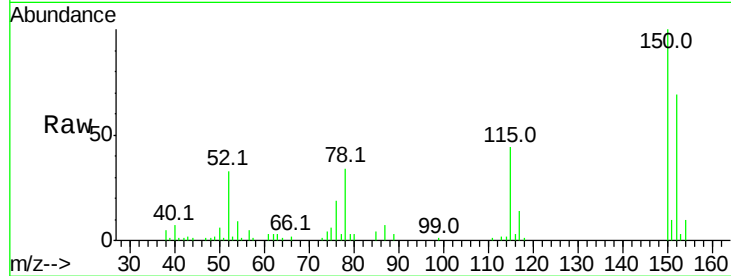
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	108.2	162.2
115	63.0	43.2	64.8

Manual Integrations
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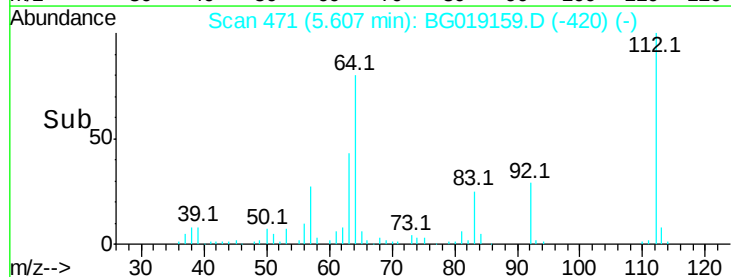
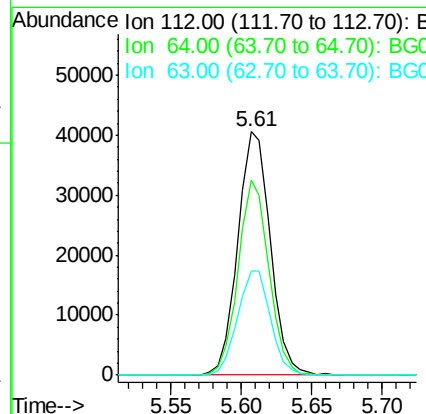
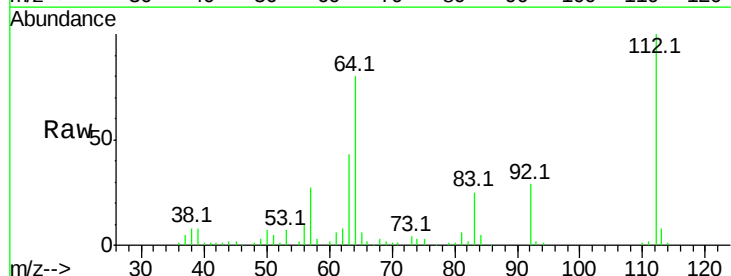
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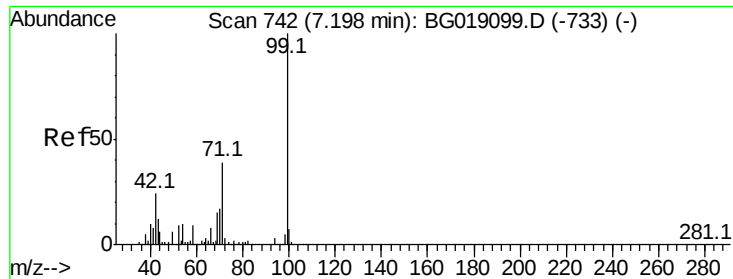


#5

2-Fluorophenol
Concen: 67.94 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.1	59.0	88.4
63	42.6	34.7	52.1





#7

Phenol-d6

Concen: 43.94 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Instrument :

BNA_G

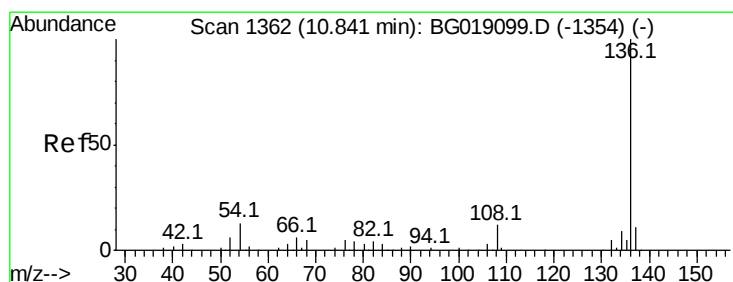
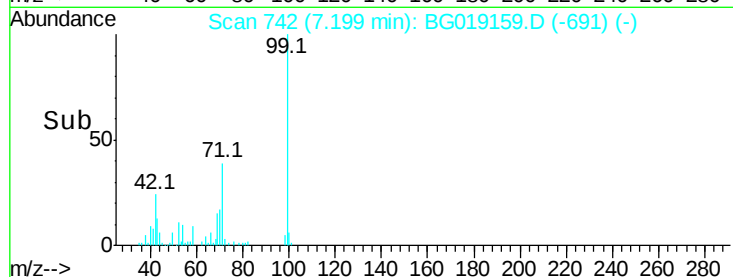
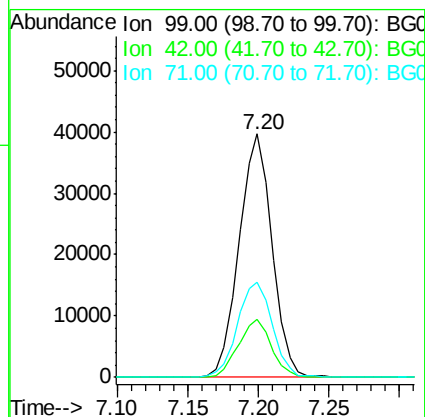
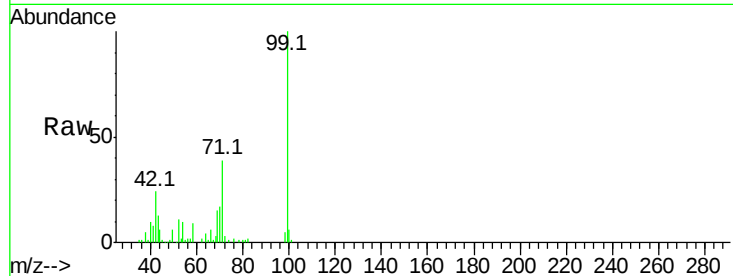
ClientSampleId :

OW1-C4-GW

Tot Ion:	99	Resp:	64510
Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.5	29.3
71	39.2	31.4	47.0

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#21

Naphthalene-d8

Concen: 20.00 ng

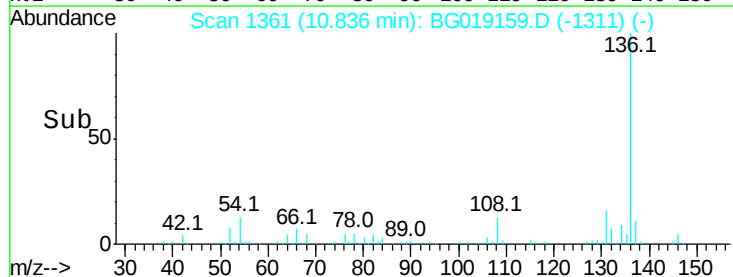
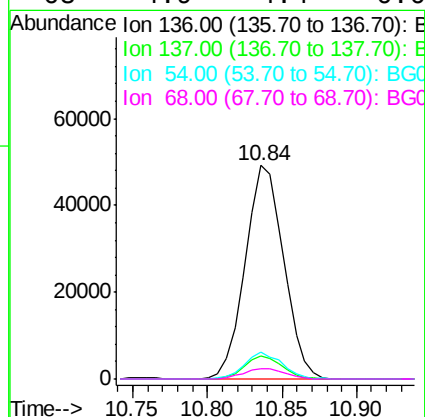
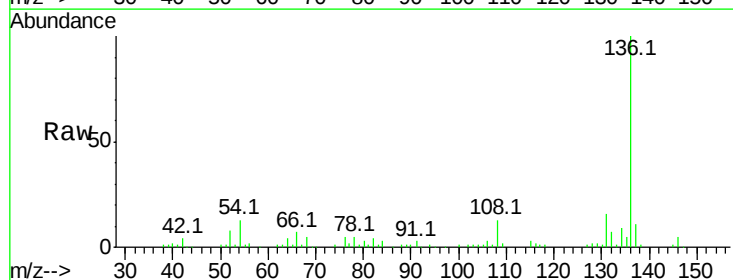
RT: 10.84 min Scan# 1361

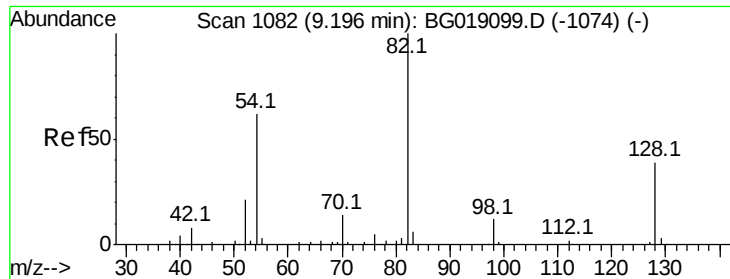
Delta R.T. -0.01 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Tgt Ion:	136	Resp:	87530
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	12.6	10.1	15.1
68	4.9	4.4	6.6





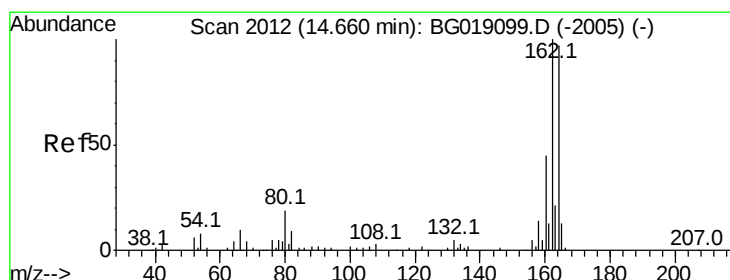
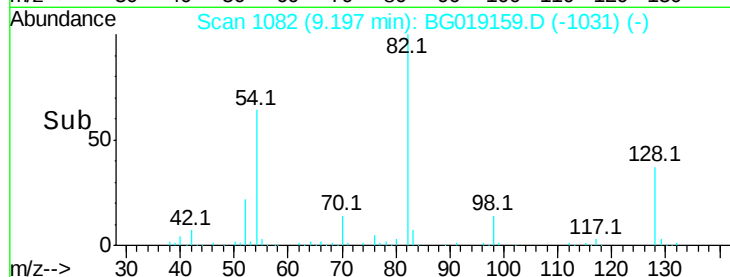
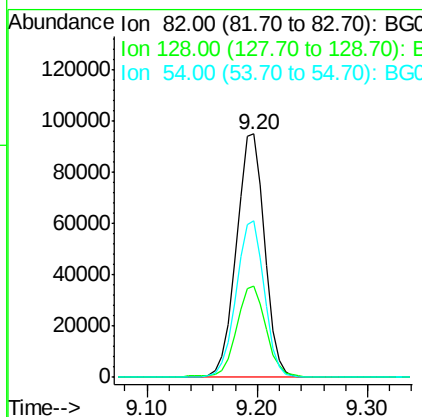
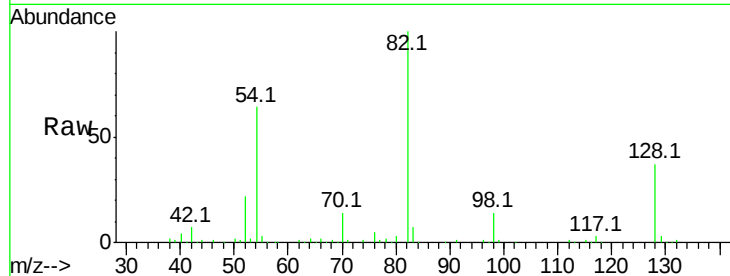
#23
Nitrobenzene-d5
Concen: 107.37 ng
RT: 9.20 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

Instrument :
BNA_G
ClientSampleId :
OW1-C4-GW

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.4	47.2
54	64.3	50.0	75.0

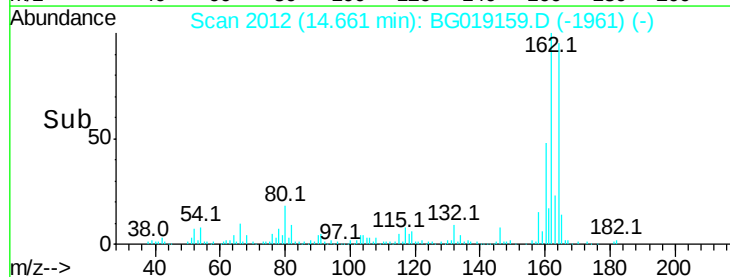
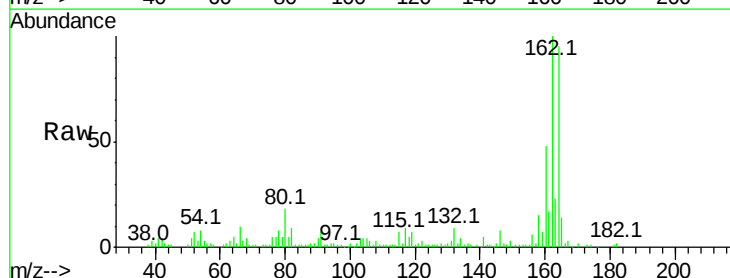
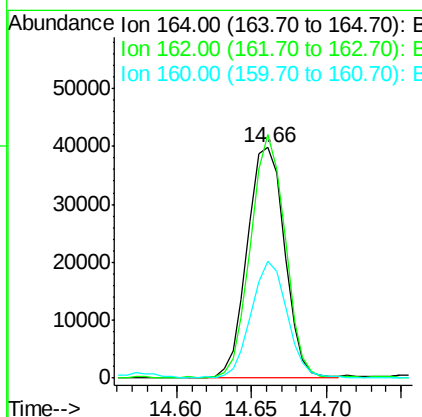
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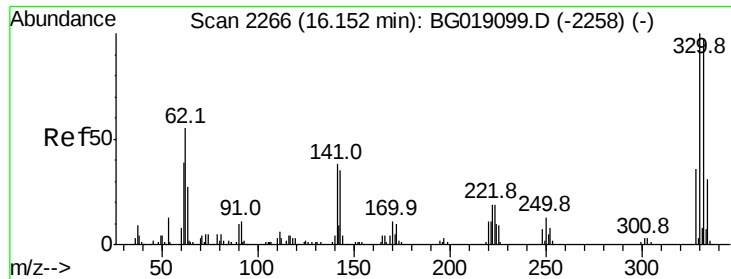
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019159.D
Acq: 12 Oct 2015 13:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.6	124.0
160	50.5	36.9	55.3





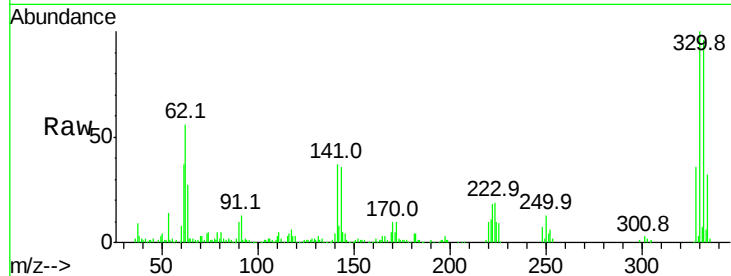
#41
 2,4,6-Tribromophenol
 Concen: 143.13 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BG019159.D
 Acq: 12 Oct 2015 13:02

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C4-GW

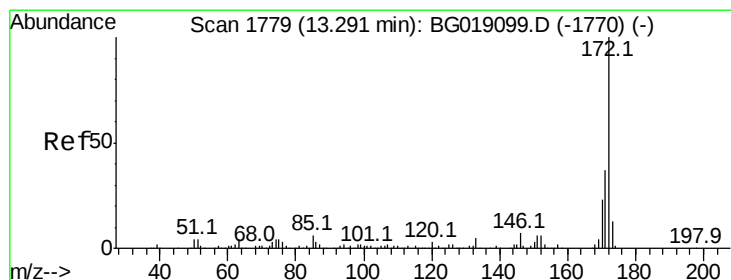
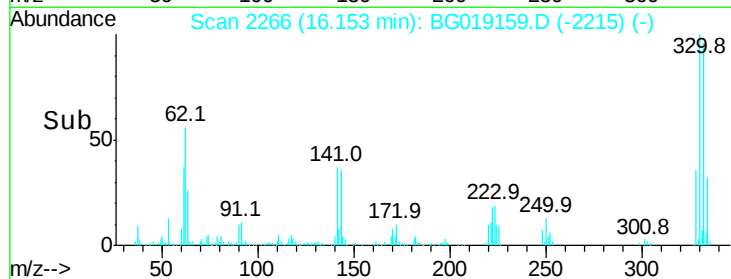
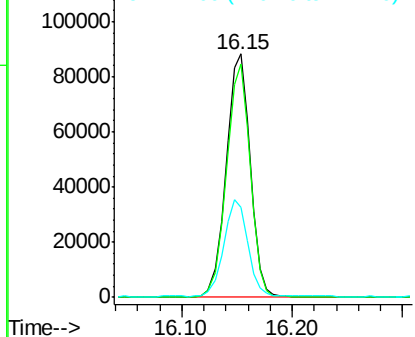
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.2	77.3	115.9	
141	39.4	30.7	46.1	

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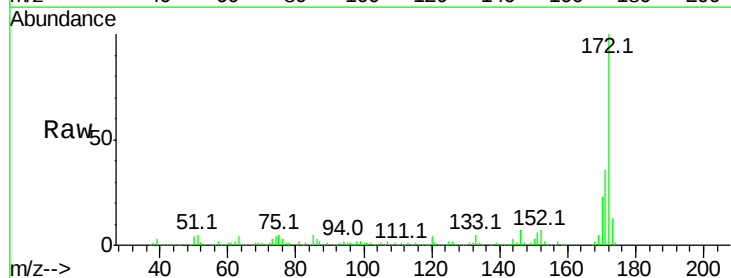


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

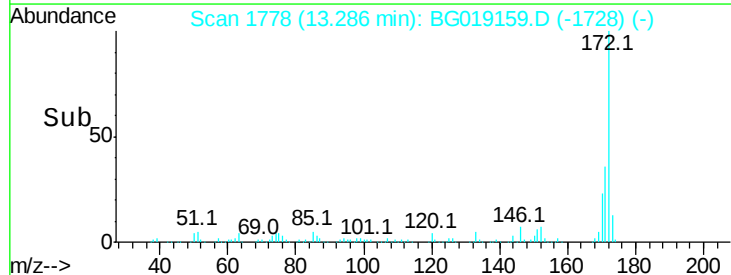
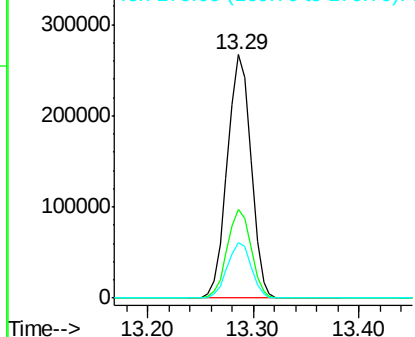


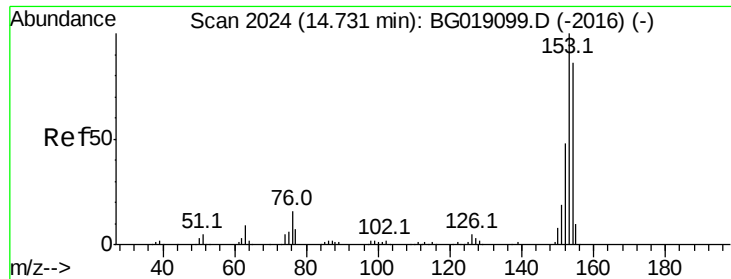
#44
 2-Fluorobiphenyl
 Concen: 92.09 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019159.D
 Acq: 12 Oct 2015 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	29.9	44.9	
170	22.9	18.6	27.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#51

Acenaphthene

Concen: 5.47 ng

RT: 14.73 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Instrument :

BNA_G

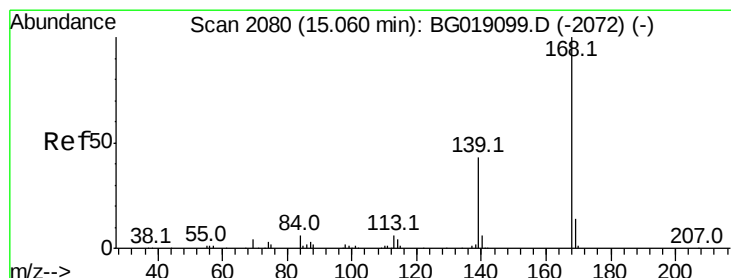
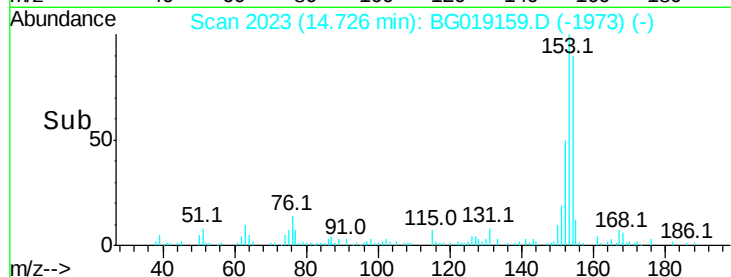
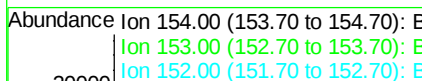
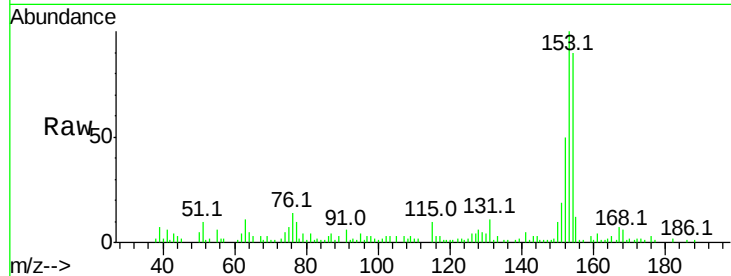
ClientSampleId :

OW1-C4-GW

Tot Ion:	154	Resp:	22400
Ion	Ratio	Lower	Upper
154	100		
153	111.6	93.4	140.2
152	56.1	44.9	67.3

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#54

Dibenzofuran

Concen: 4.65 ng

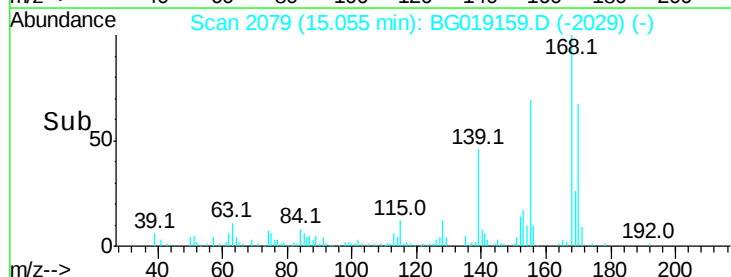
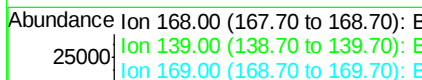
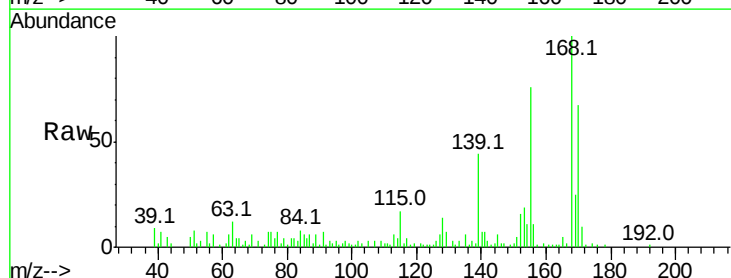
RT: 15.05 min Scan# 2079

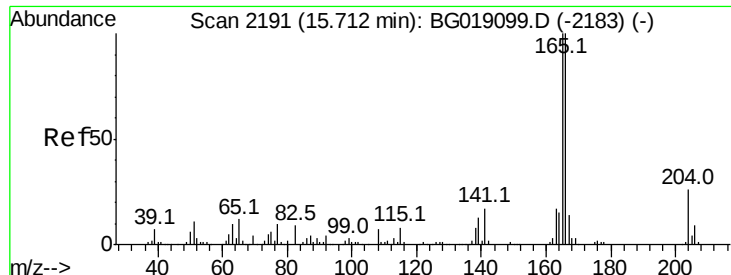
Delta R.T. -0.01 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Tgt Ion:	168	Resp:	28153
Ion	Ratio	Lower	Upper
168	100		
139	44.4	34.2	51.4
169	25.4	11.4	17.0#





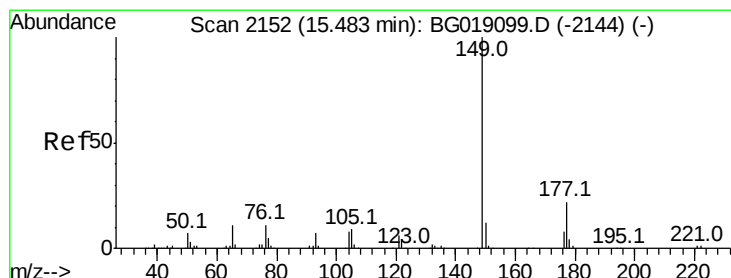
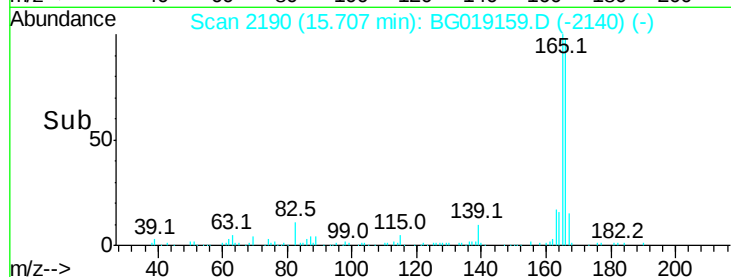
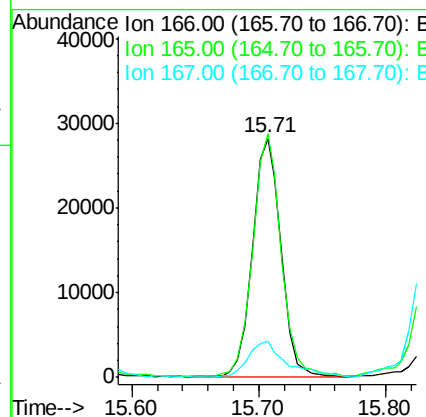
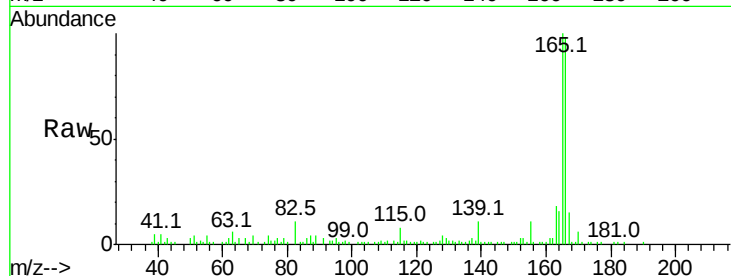
#57
 Fluorene
 Concen: 8.41 ng
 RT: 15.71 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019159.D
 Acq: 12 Oct 2015 13:02

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C4-GW

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.0	80.2	120.2
167	15.4	11.4	17.0

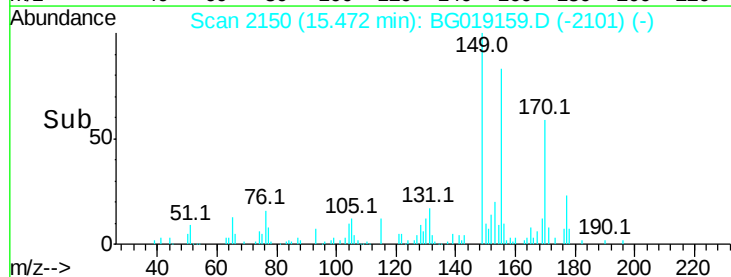
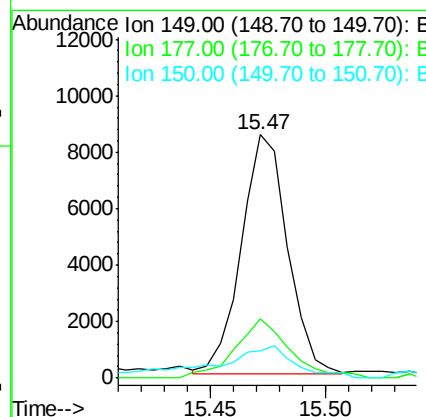
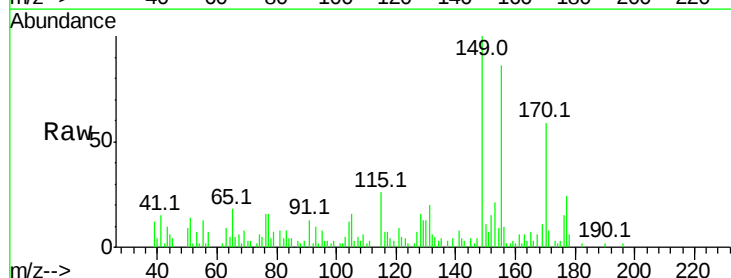
Manual Integrations
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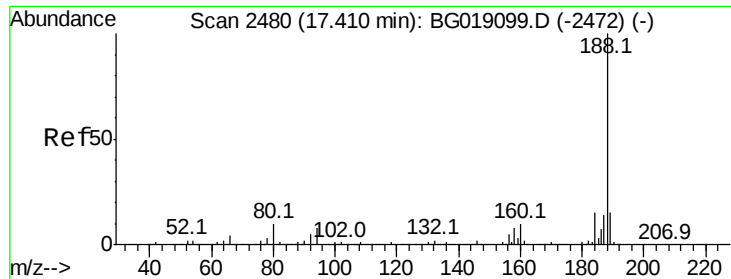
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#59
 Diethylphthalate
 Concen: 2.10 ng m
 RT: 15.47 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG019159.D
 Acq: 12 Oct 2015 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	17.7	26.5
150	11.3	9.4	14.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2479

Delta R.T. -0.01 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Instrument :

BNA_G

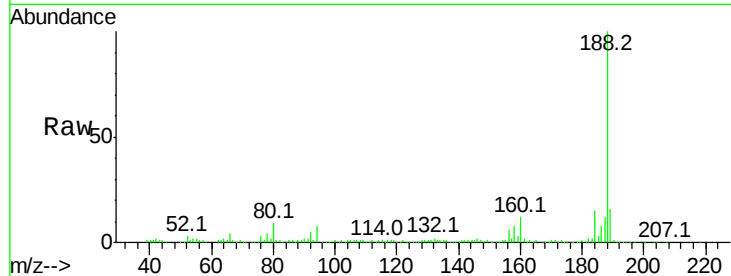
ClientSampleId :

OW1-C4-GW

Tot Ion:	188	Resp:	148318
Ion Ratio	Lower	Upper	
188	100		
94	7.8	6.4	9.6
80	9.0	7.6	11.4

Manual Integrations
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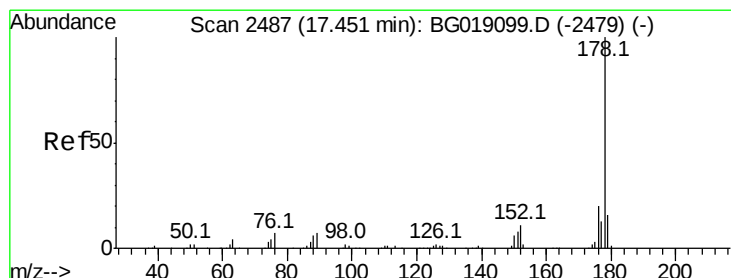
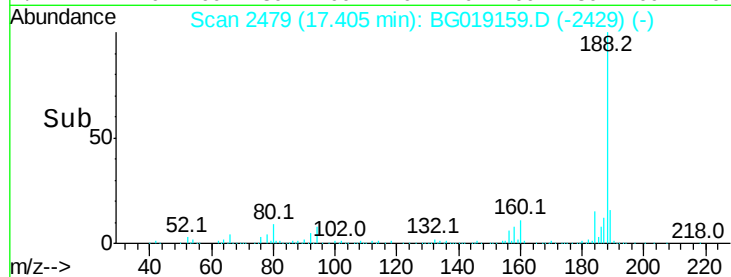
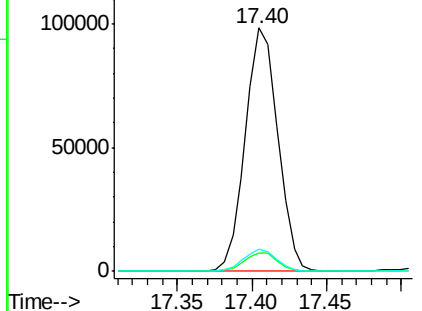
MMdadoda
10/13/2015 1:28:30 PM



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: 3.70 ng

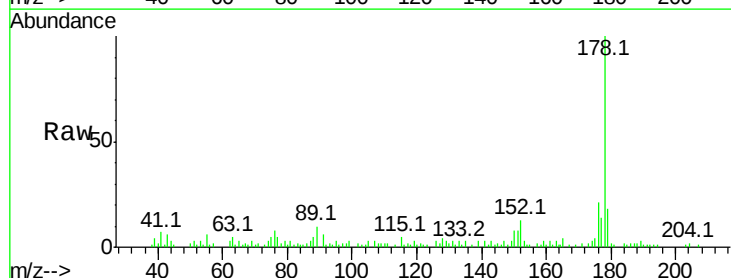
RT: 17.45 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

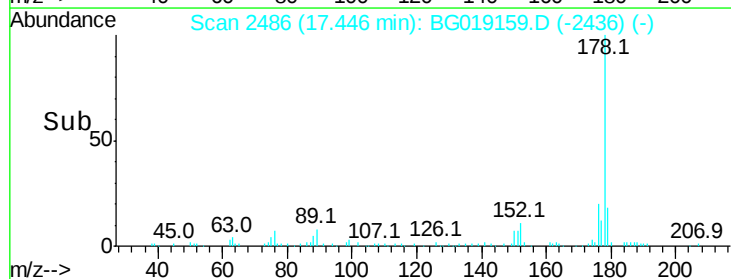
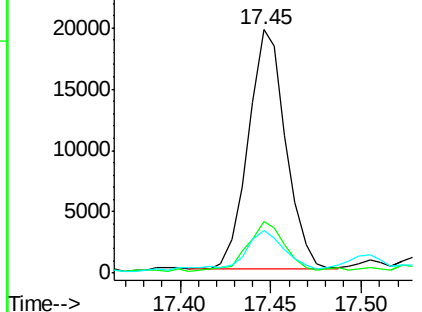
Tgt Ion:	178	Resp:	28246
Ion Ratio	Lower	Upper	
178	100		
176	21.0	16.3	24.5
179	17.5	12.8	19.2

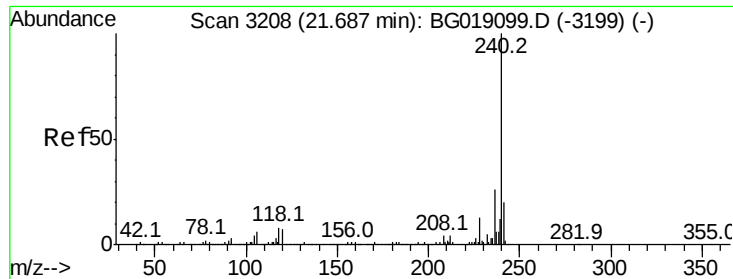


Abundance Ion 178.00 (177.70 to 178.70): E

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: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Instrument :

BNA_G

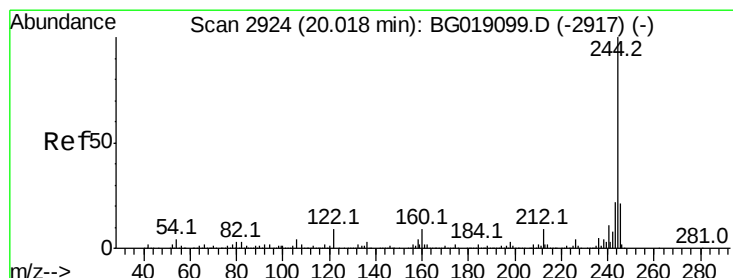
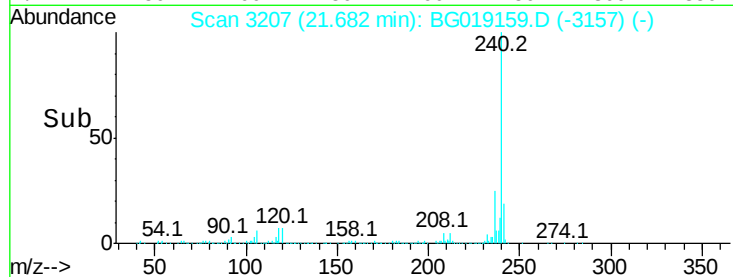
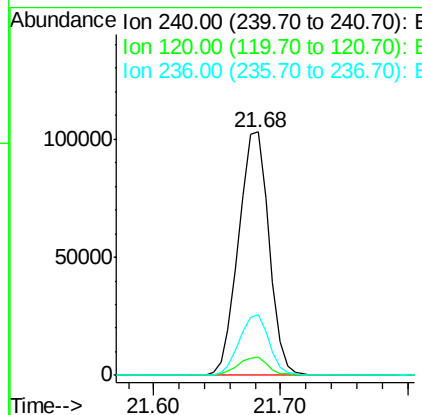
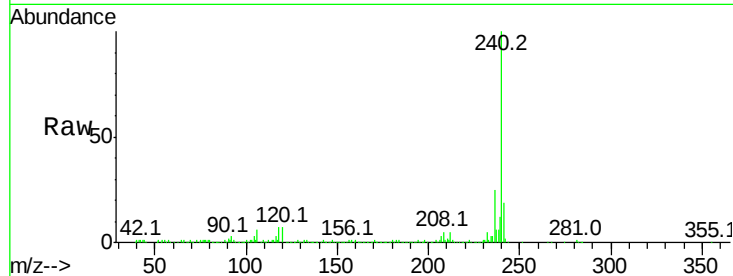
ClientSampleId :

OW1-C4-GW

Tot Ion:	240	Resp:	172141
Ion Ratio	Lower	Upper	
240	100		
120	7.4	5.8	8.6
236	25.1	21.2	31.8

Manual Integrations
APPROVED

MMdadoda
10/13/2015 1:28:30 PM



#78

Terphenyl-d14

Concen: 90.35 ng

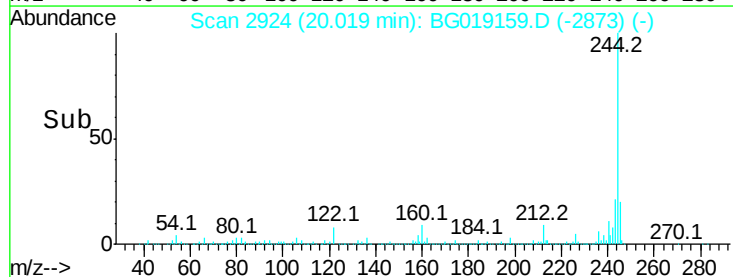
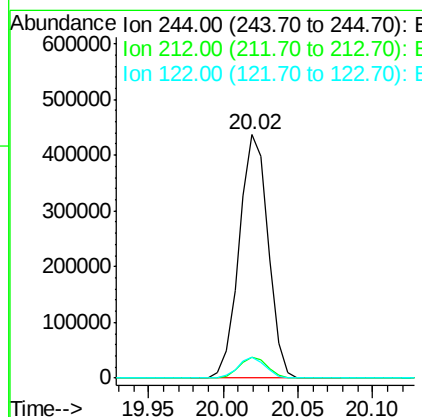
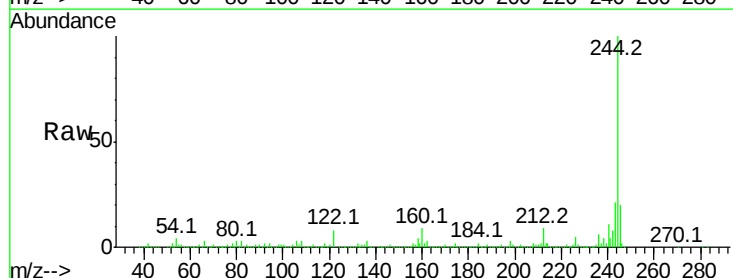
RT: 20.02 min Scan# 2924

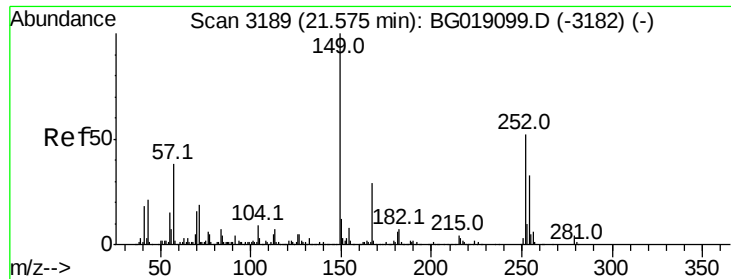
Delta R.T. 0.00 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Tgt Ion:	244	Resp:	588810
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.8	10.2
122	8.5	7.4	11.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.54 ng

RT: 21.57 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

Instrument :

BNA_G

ClientSampleId :

OW1-C4-GW

Tot Ion:149 Resp: 19292

Ion Ratio Lower Upper

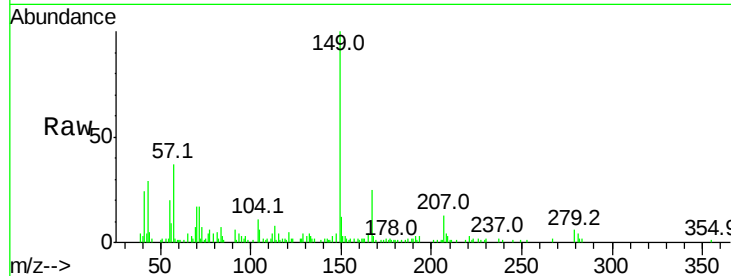
149 100

167 25.3 22.8 34.2

279 5.5 3.6 5.4#

Manual Integrations
APPROVED

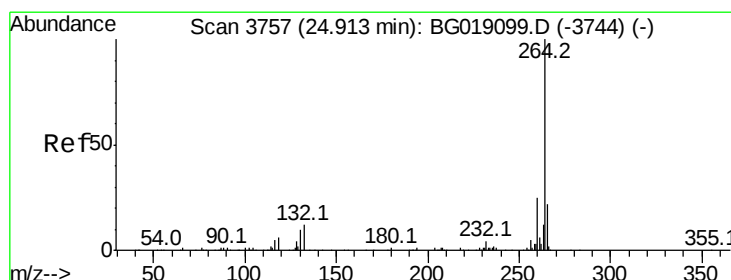
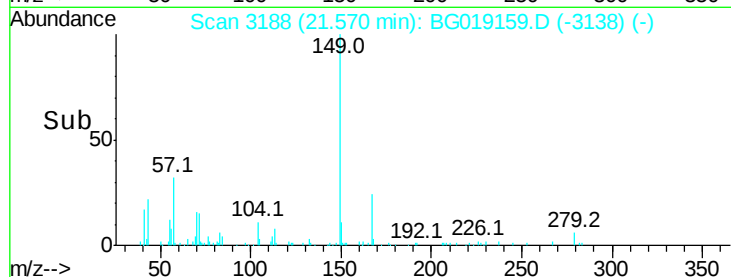
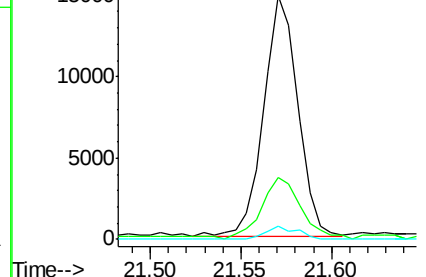
MMdadoda
10/13/2015 1:28:30 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.91 min Scan# 3756

Delta R.T. -0.01 min

Lab File: BG019159.D

Acq: 12 Oct 2015 13:02

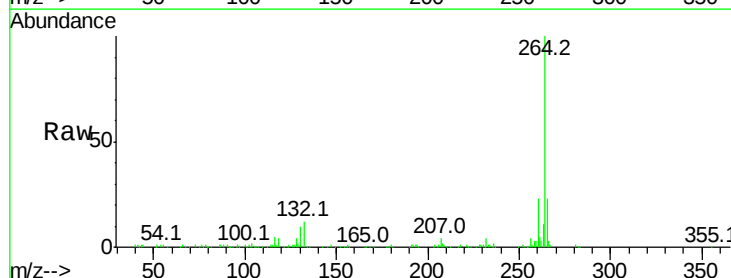
Tgt Ion:264 Resp: 172233

Ion Ratio Lower Upper

264 100

260 23.0 20.1 30.1

265 22.6 17.2 25.8



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

