

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032227.D
 Acq On : 23 Jan 2018 12:13
 Operator : SJ/JU
 Sample : J1239-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-12R12-02

Manual Integrations
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 1/24/2018 2:49:07 PM

Quant Time: Jan 24 09:49:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	45709	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	187501	20.00	ng	-0.01
38) Acenaphthene-d10	15.36	164	131186	20.00	ng	-0.02
63) Phenanthrene-d10	18.10	188	322364	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	418967	20.00	ng	-0.02
86) Perylene-d12	26.12	264	452111	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	315999	126.44	ng	0.00
7) Phenol-d6	7.84	99	368867	117.19	ng	0.00
23) Nitrobenzene-d5	9.93	82	281466	101.56	ng	-0.01
41) 2,4,6-Tribromophenol	16.84	330	315252	145.22	ng	-0.01
44) 2-Fluorobiphenyl	13.99	172	976798	92.33	ng	-0.01
78) Terphenyl-d14	20.63	244	1765865	93.06	ng	-0.02
Target Compounds						
3) Pyridine	4.29	79	23819	9.294	ng	Qvalue # 83
17) 2-Methylphenol	9.17	107	6476	2.733	ng	98
20) 3+4-Methylphenols	9.51	107	11975m	3.648	ng	
22) Acetophenone	9.57	105	12646m	2.969	ng	
27) 2,4-Dimethylphenol	10.74	122	10540m	4.055	ng	
31) Naphthalene	11.67	128	2070169	222.878	ng	96
37) 2-Methylnaphthalene	13.22	142	192311	26.079	ng	93
45) 1,1'-Biphenyl	14.20	154	27556	2.450	ng	96
48) Acenaphthylene	15.09	152	98433	7.388	ng	97
51) Acenaphthene	15.43	154	45145	5.125	ng	98
57) Fluorene	16.40	166	50705	4.704	ng	95
70) Phenanthrene	18.14	178	108913	6.068	ng	98
72) Carbazole	18.49	167	92700	5.969	ng	96

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

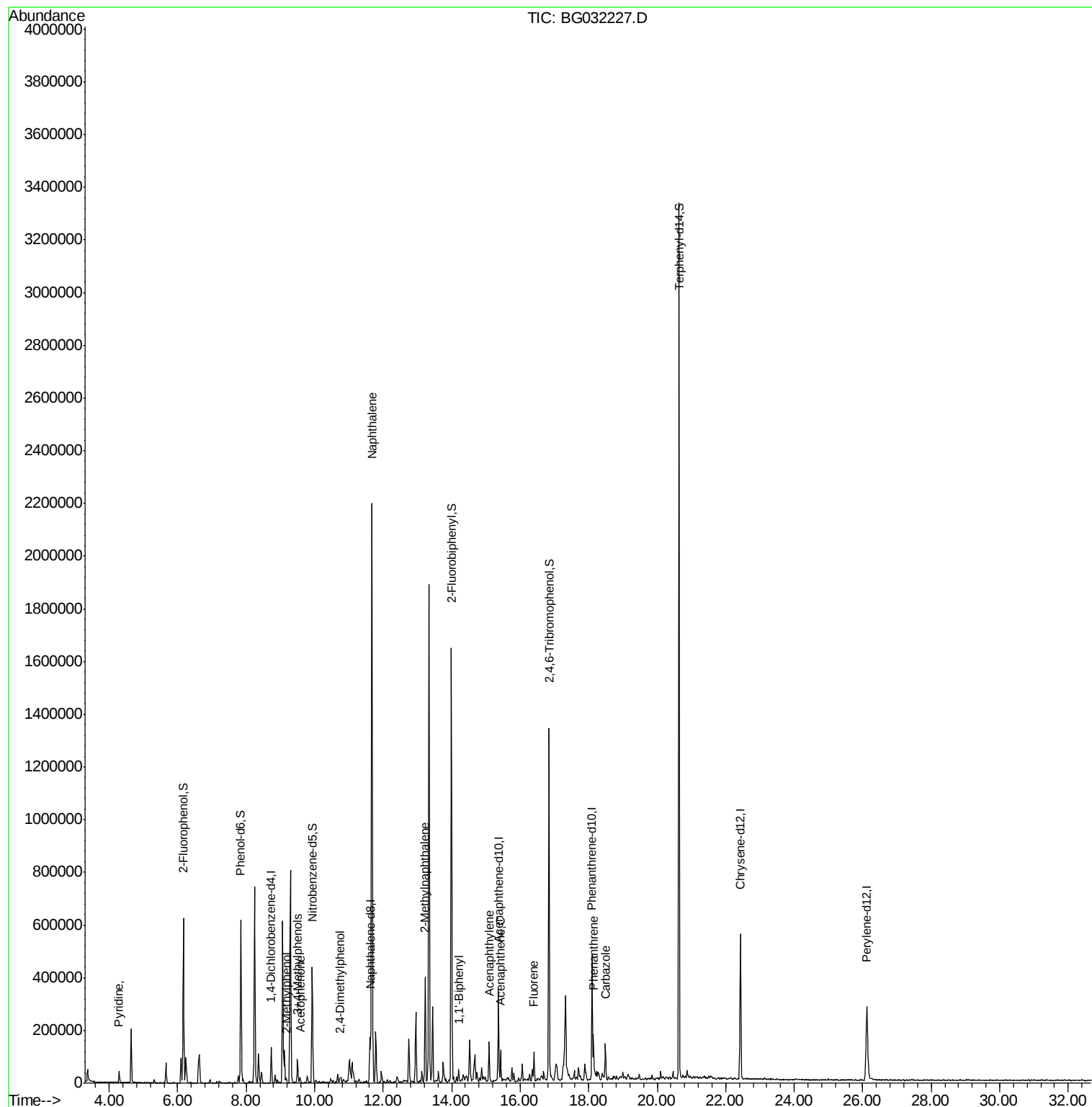
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032227.D
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Sample : J1239-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

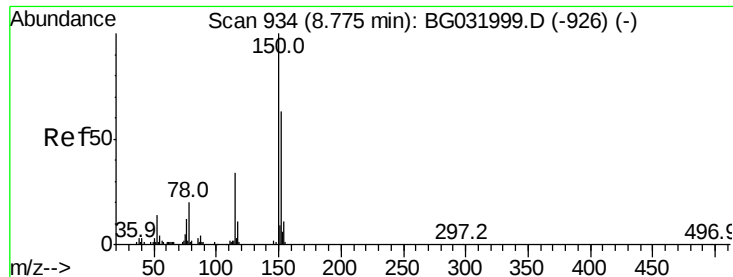
Instrument :
BNA_G
ClientSampleId :
WC-12R12-02

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

Instrument :

BNA_G

ClientSampled :

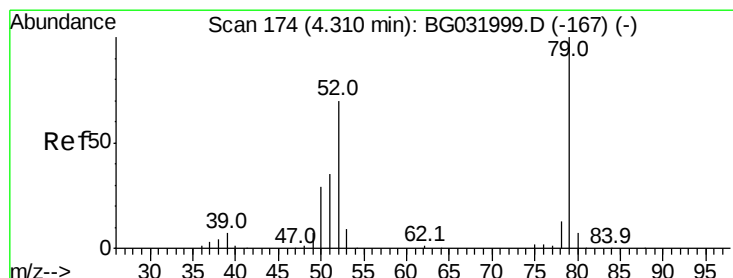
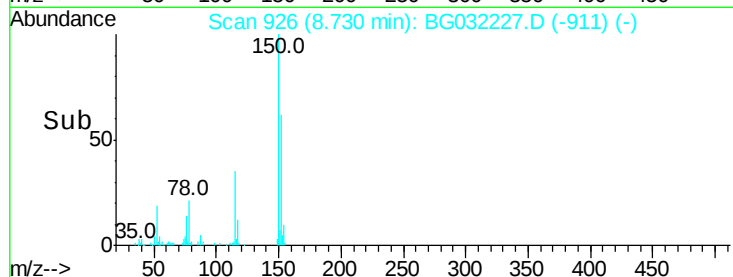
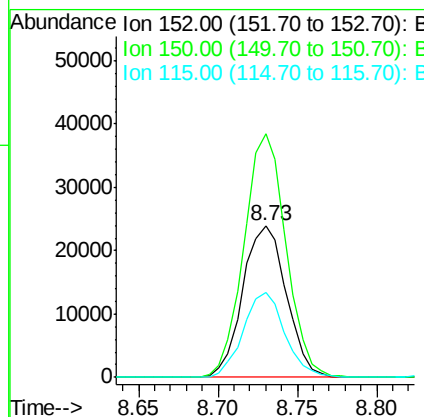
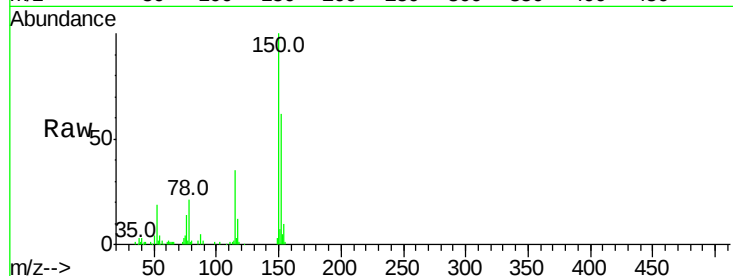
WC-12R12-02

Tot Ion:	152	Resp:	45709
Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.6	189.8
115	55.9	53.0	79.4

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#3

Pyridine

Concen: 9.294 ng

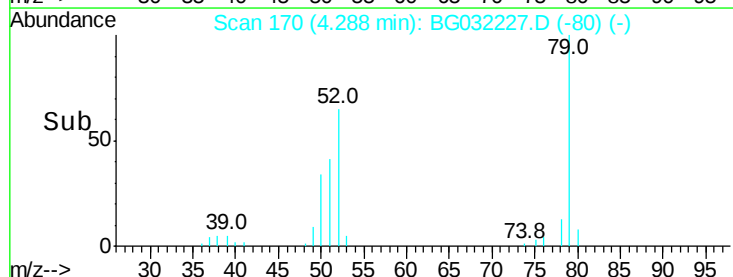
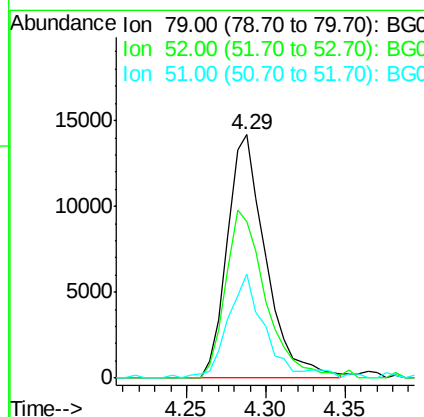
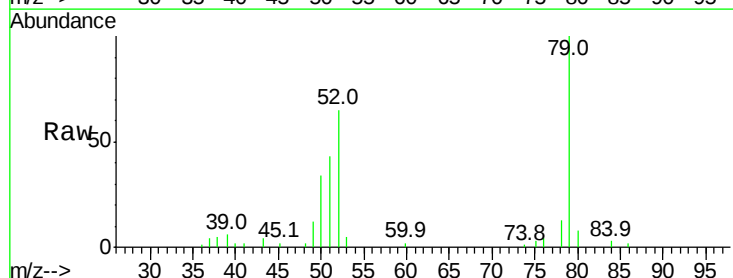
RT: 4.29 min Scan# 170

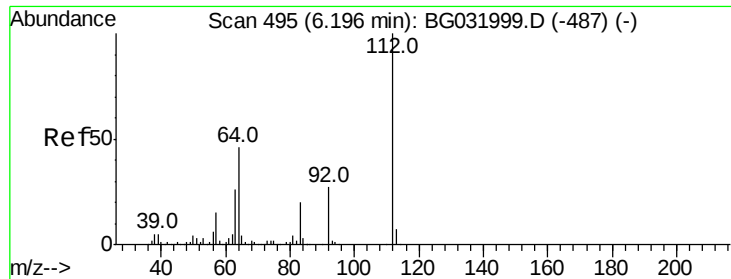
Delta R.T. -0.00 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

Tgt Ion:	79	Resp:	23819
Ion	Ratio	Lower	Upper
79	100		
52	64.6	69.9	104.9#
51	42.6	34.0	51.0





#5

2-Fluorophenol

Concen: 126.439 ng

RT: 6.16 min Scan# 489

Delta R.T. -0.01 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

Instrument :

BNA_G

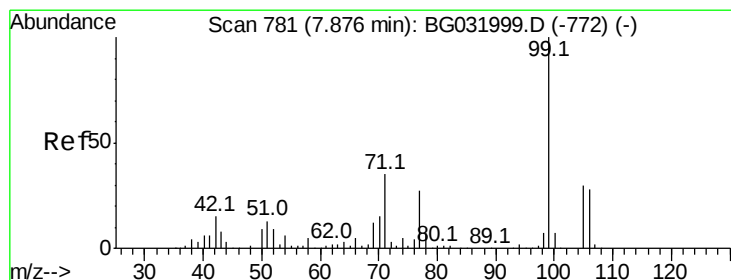
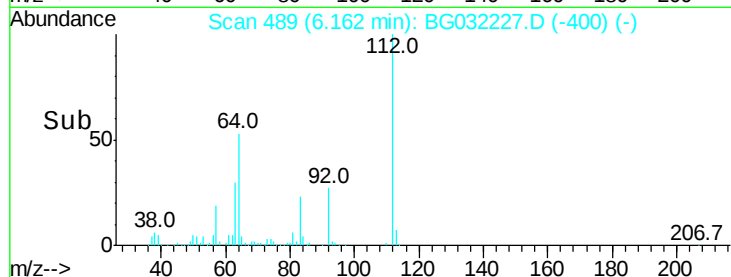
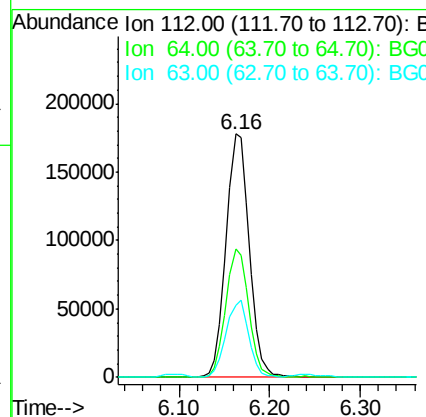
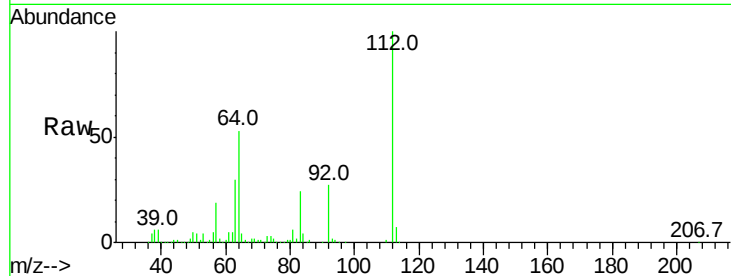
ClientSampleId :

WC-12R12-02

Tot Ion:	112	Resp:	315999
Ion Ratio	Lower	Upper	
112	100		
64	52.7	56.3	84.5#
63	29.5	30.1	45.1#

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#7

Phenol-d6

Concen: 117.190 ng

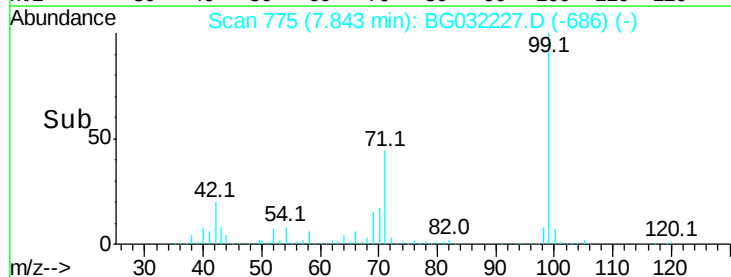
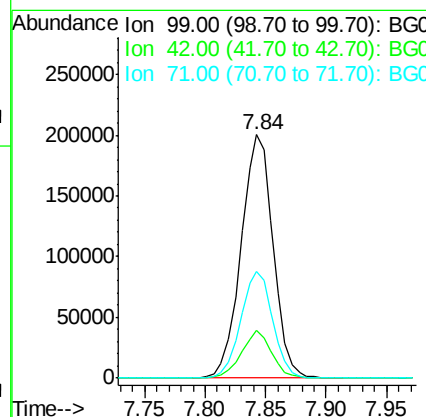
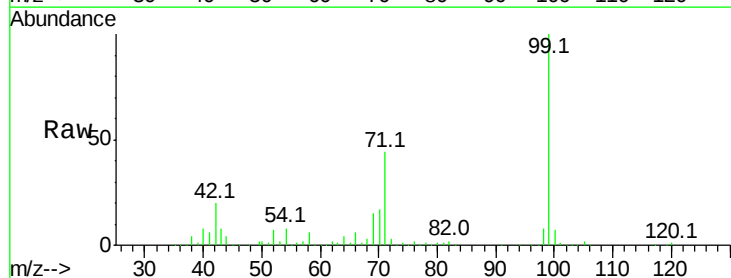
RT: 7.84 min Scan# 775

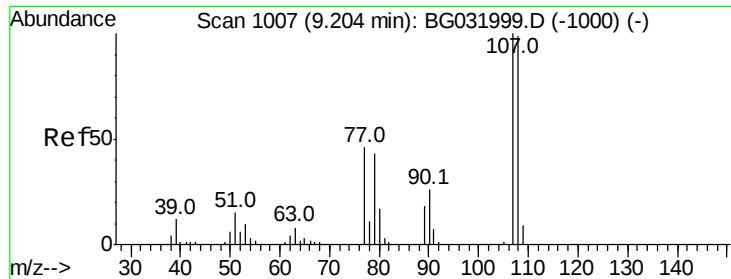
Delta R.T. -0.01 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

Tgt Ion:	99	Resp:	368867
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.1	21.1
71	44.1	26.1	39.1#





#17

2-Methylphenol

Concen: 2.733 ng

RT: 9.17 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

Instrument :

BNA_G

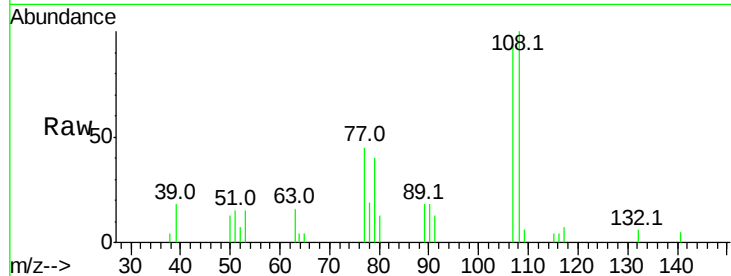
ClientSampleId :

WC-12R12-02

Tot Ion:	107	Resp:	6476
Ion	Ratio	Lower	Upper
107	100		
108	106.3	83.9	125.9
77	48.3	37.2	55.8
79	42.8	36.2	54.2

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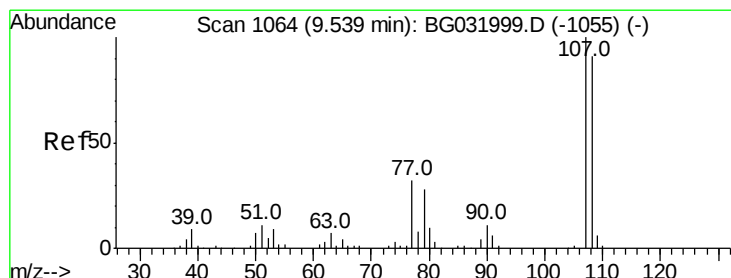
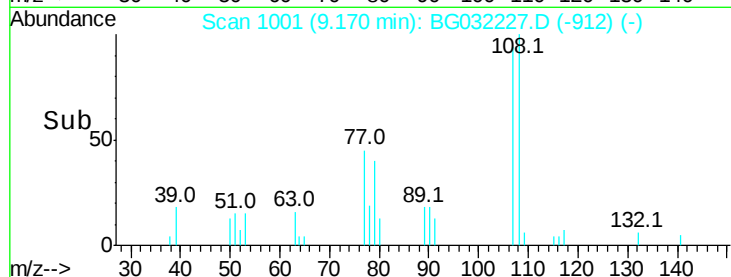
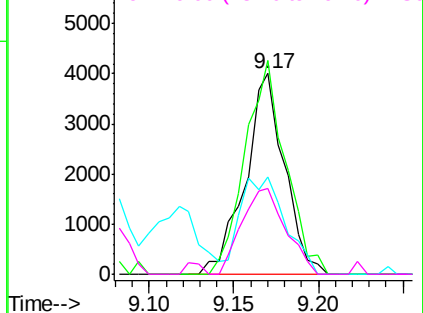


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#20

3+4-Methylphenols

Concen: 3.648 ng m

RT: 9.51 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

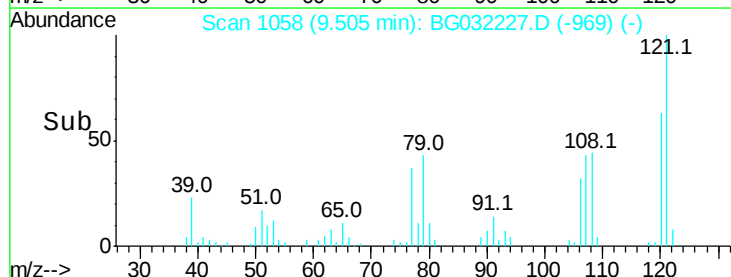
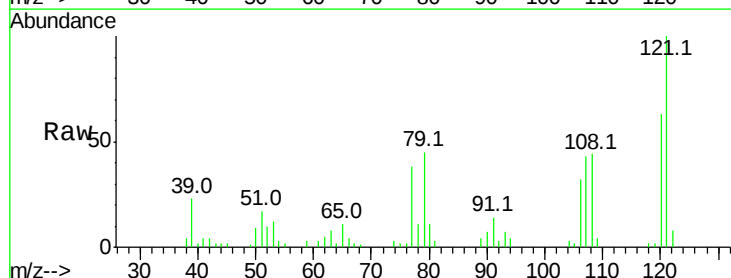
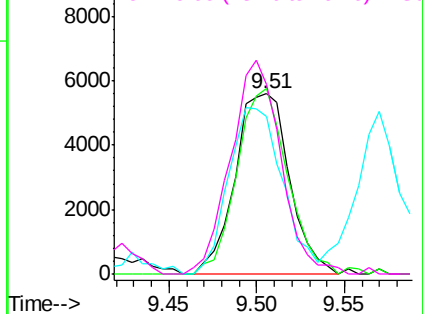
Tgt Ion:	107	Resp:	11975
Ion	Ratio	Lower	Upper
107	100		
108	103.0	61.6	101.6#
77	87.8	13.9	53.9#
79	105.6	8.8	48.8#

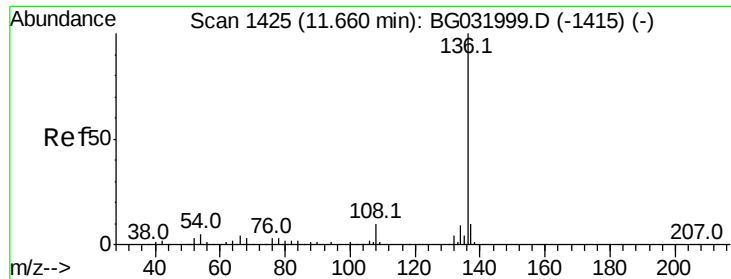
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





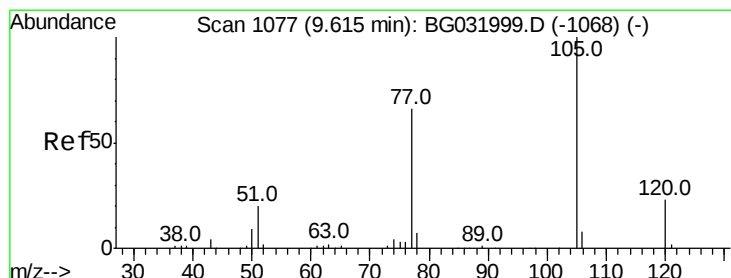
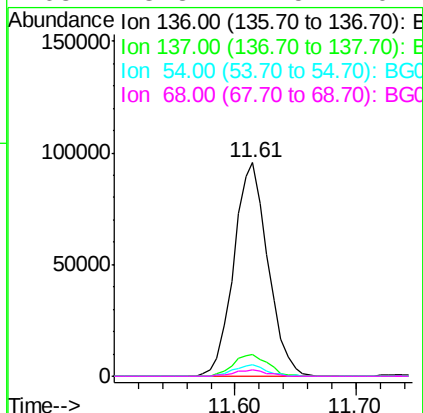
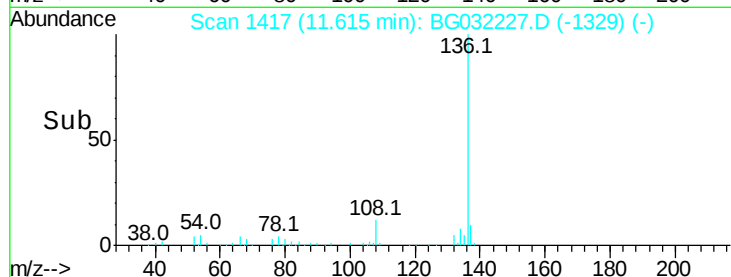
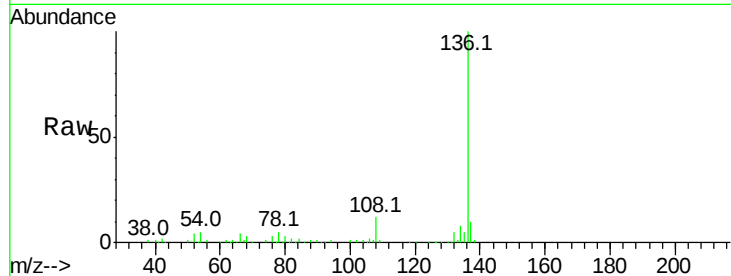
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BG032227.D
Acq: 23 Jan 2018 12:13

Instrument :
BNA_G
ClientSampleId :
WC-12R12-02

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.2	13.8	
54	5.1	10.3	15.5	
68	3.3	4.5	6.7	

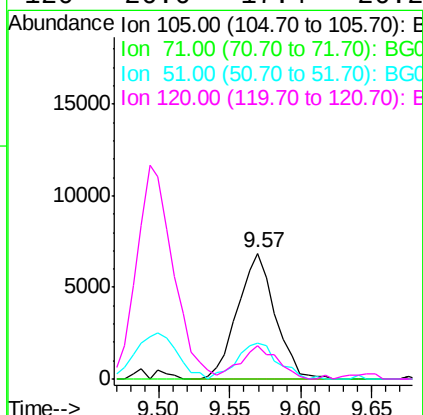
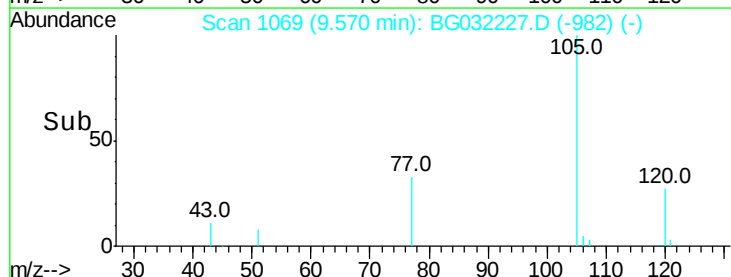
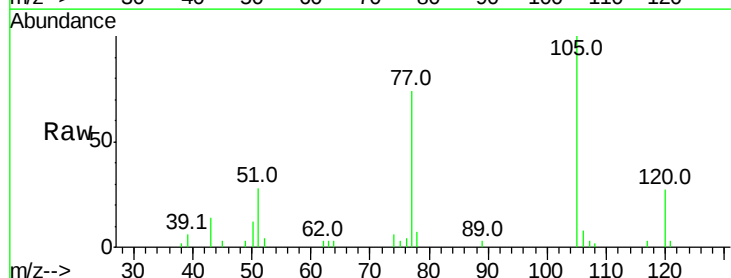
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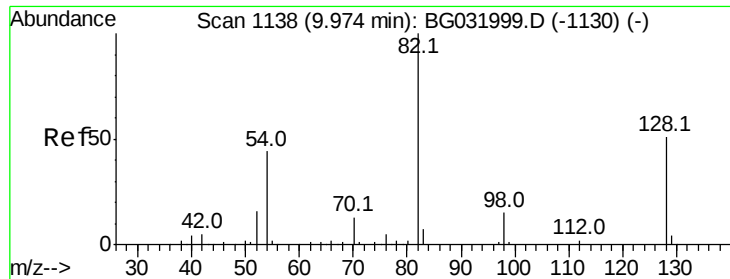
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#22
Acetophenone
Concen: 2.969 ng m
RT: 9.57 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG032227.D
Acq: 23 Jan 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	3.0	4.4	
51	28.0	26.1	39.1	
120	26.6	17.4	26.2	





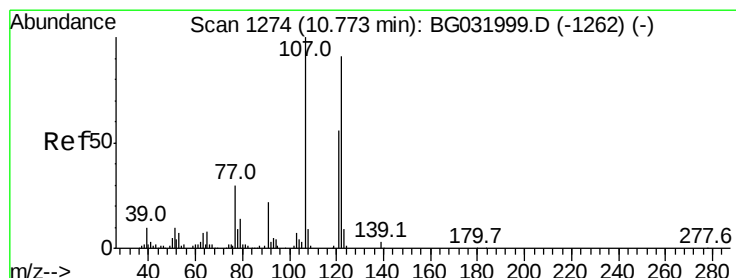
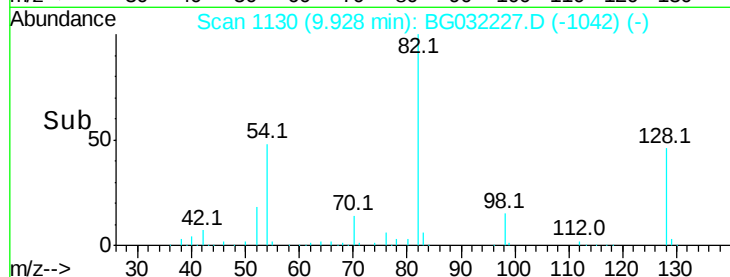
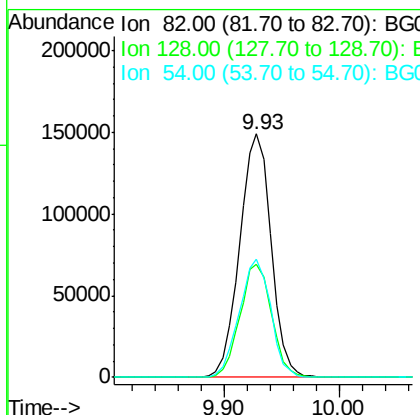
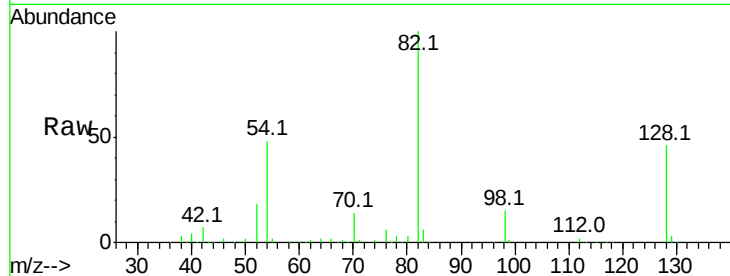
#23
 Nitrobenzene-d5
 Concen: 101.559 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BG032227.D
 Acq: 23 Jan 2018 12:13

Instrument :
 BNA_G
 ClientSampleId :
 WC-12R12-02

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	29.7	44.5#
54	48.5	43.1	64.7

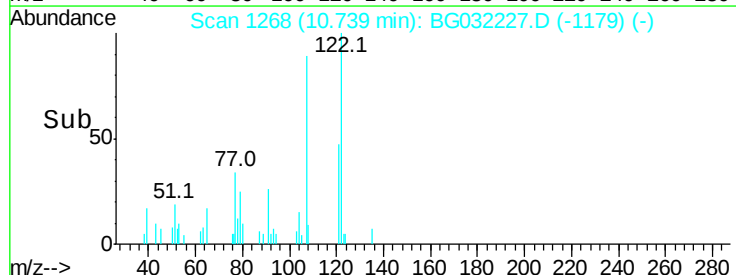
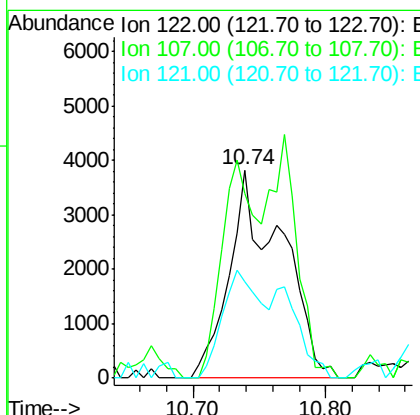
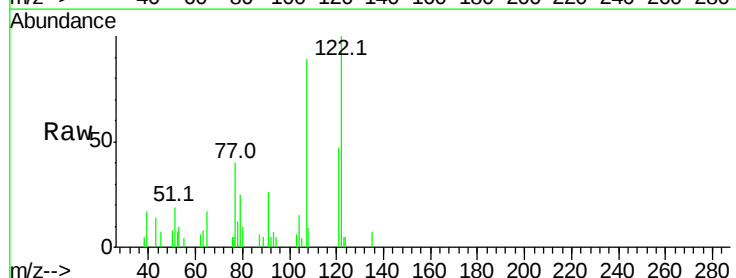
Manual Integrations
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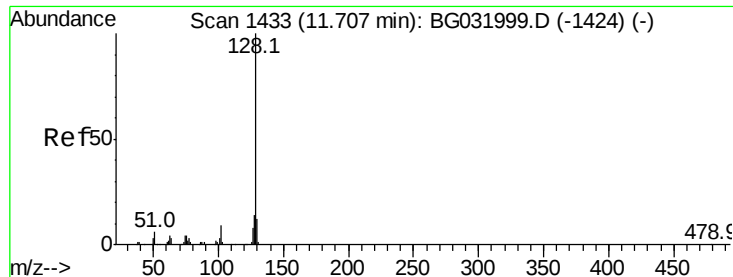
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#27
 2,4-Dimethylphenol
 Concen: 4.055 ng m
 RT: 10.74 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG032227.D
 Acq: 23 Jan 2018 12:13

Tgt Ion	Ratio	Lower	Upper
122	100		
107	88.9	100.2	150.2#
121	46.5	44.4	66.6





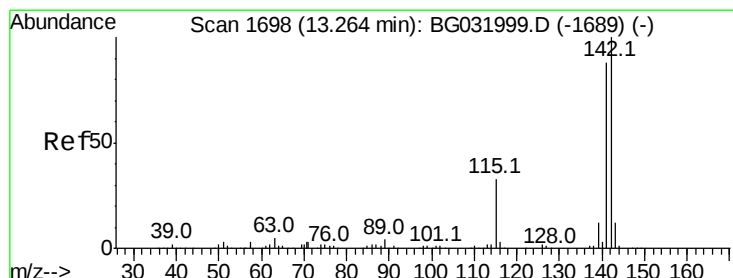
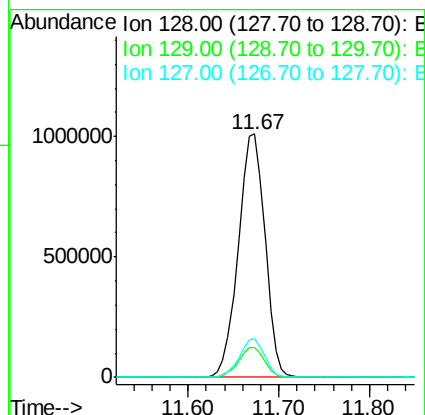
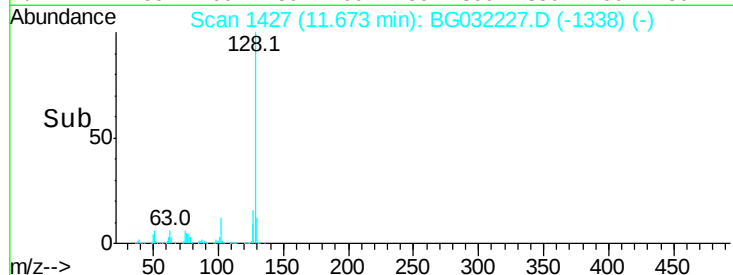
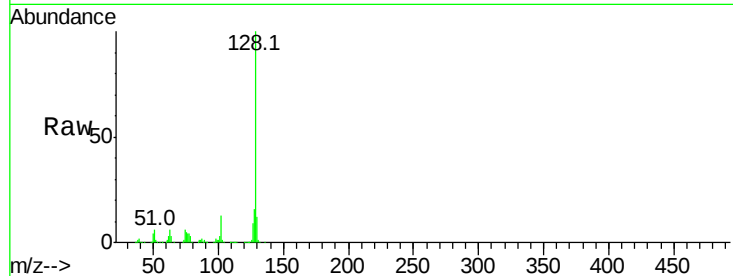
#31
Naphthalene
Concen: 222.878 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG032227.D
Acq: 23 Jan 2018 12:13

Instrument :
BNA_G
ClientSampleId :
WC-12R12-02

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.6	12.8
127	16.2	11.6	17.4

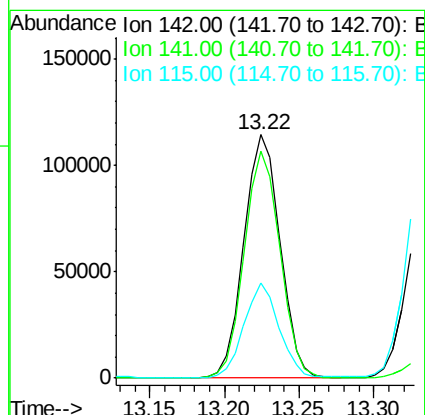
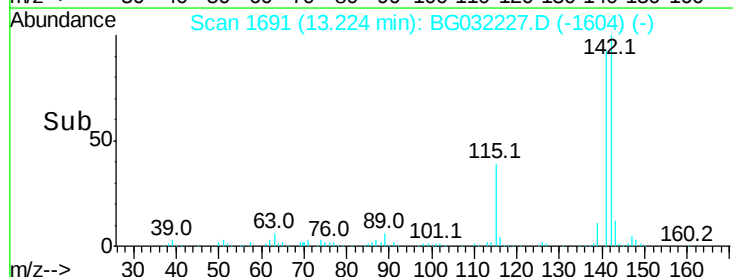
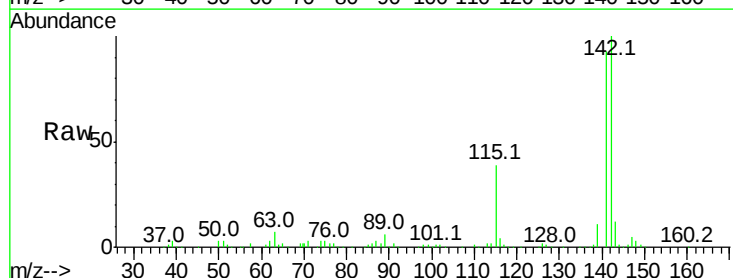
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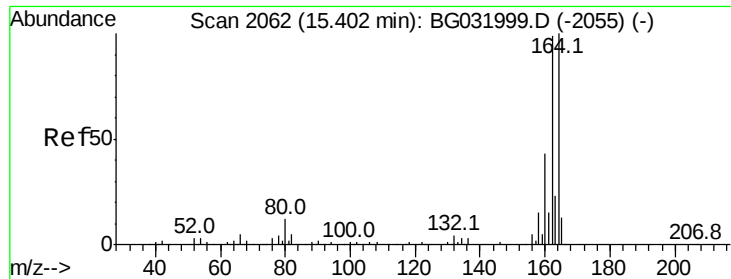
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#37
2-Methylnaphthalene
Concen: 26.079 ng
RT: 13.22 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BG032227.D
Acq: 23 Jan 2018 12:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	67.1	100.7
115	39.3	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

Instrument :

BNA_G

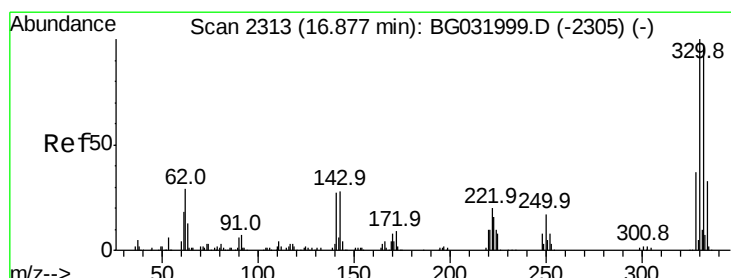
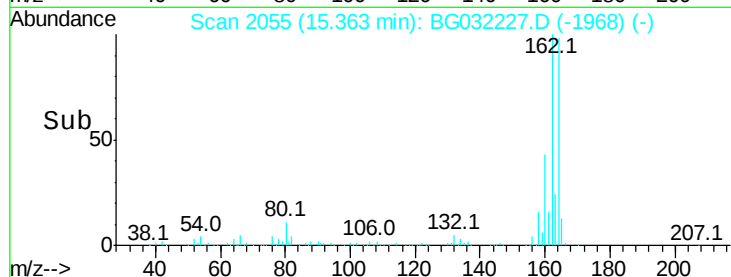
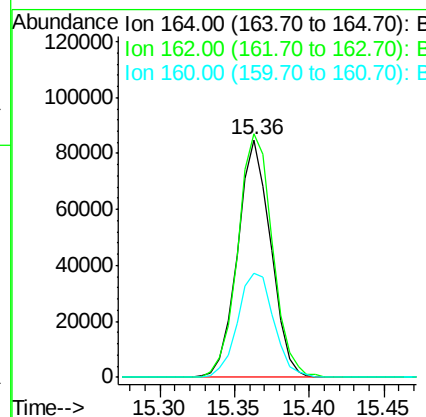
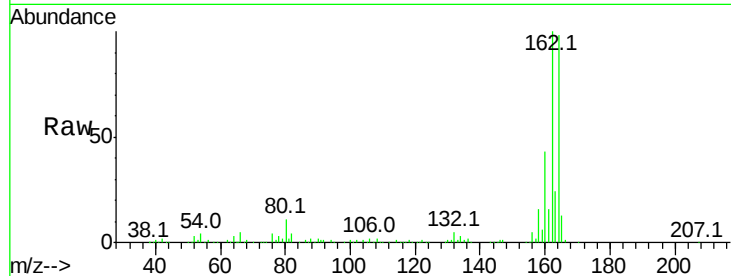
ClientSampleId :

WC-12R12-02

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	43.7	35.4	53.0

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 145.222 ng

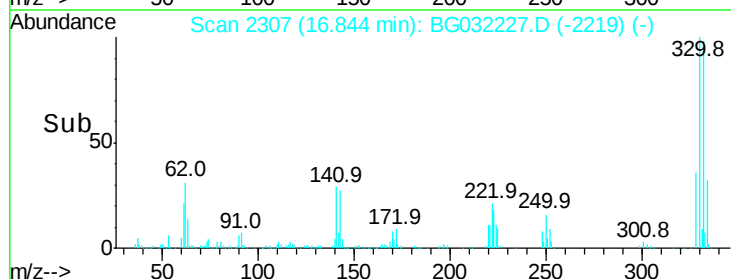
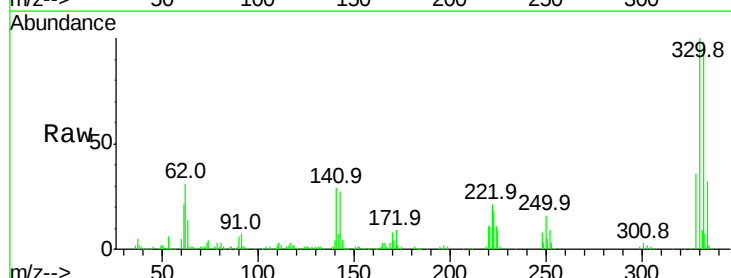
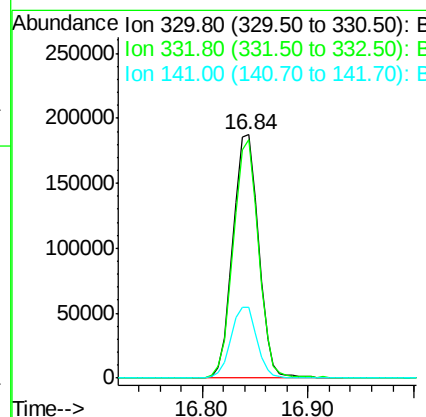
RT: 16.84 min Scan# 2307

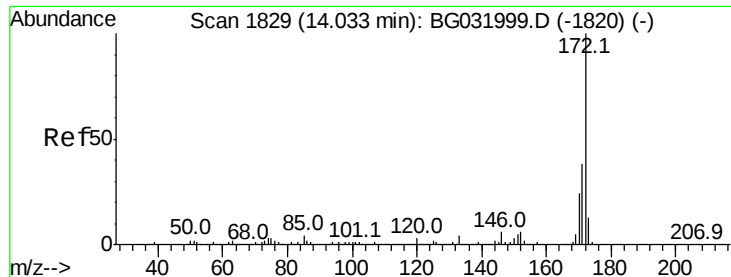
Delta R.T. -0.01 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.3	25.2	37.8





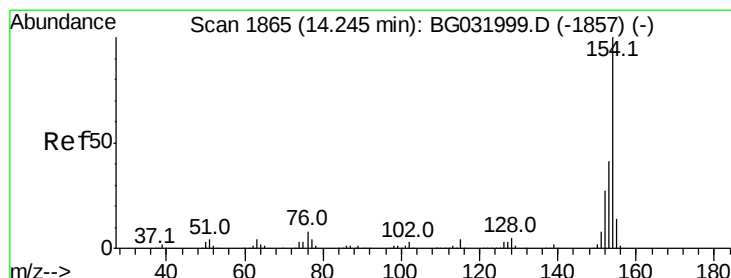
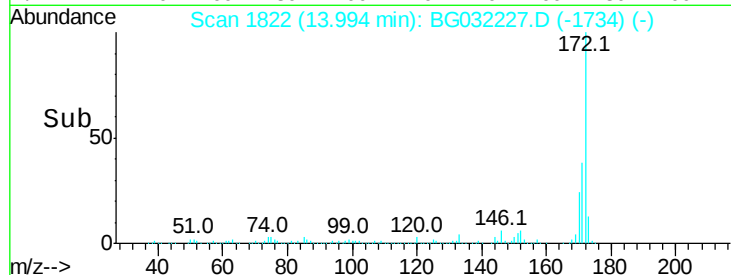
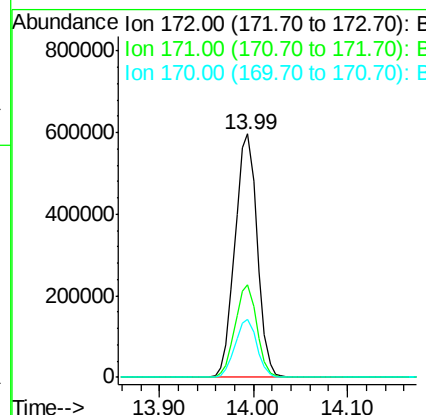
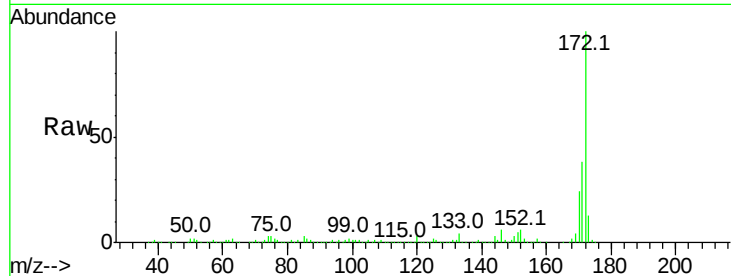
#44
2-Fluorobiphenyl
Concen: 92.326 ng
RT: 13.99 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BG032227.D
Acq: 23 Jan 2018 12:13

Instrument :
BNA_G
ClientSampleId :
WC-12R12-02

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.7	19.5	29.3

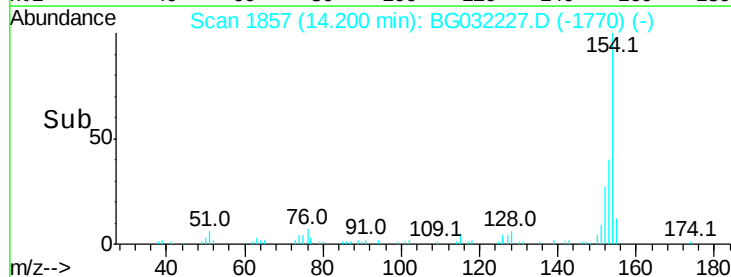
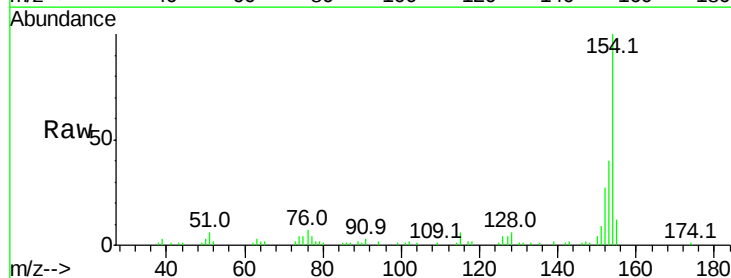
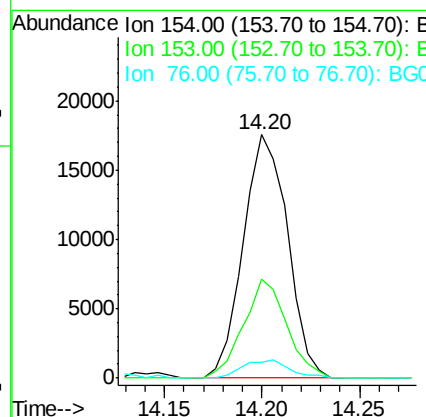
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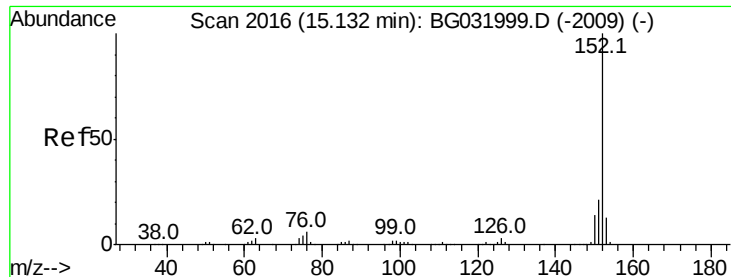
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#45
1,1'-Biphenyl
Concen: 2.450 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG032227.D
Acq: 23 Jan 2018 12:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.8	59.8
76	6.7	0.0	31.9





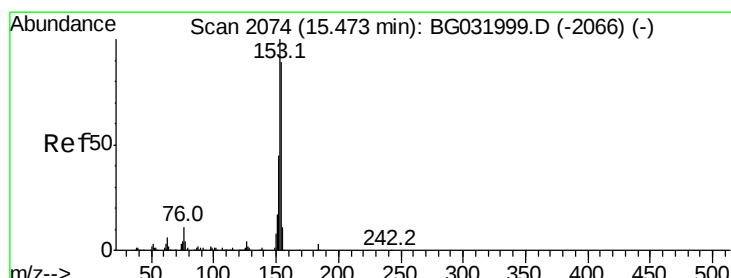
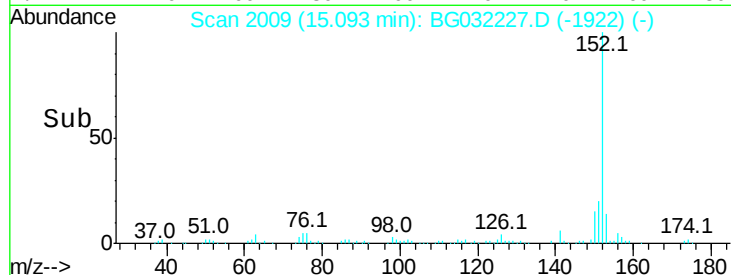
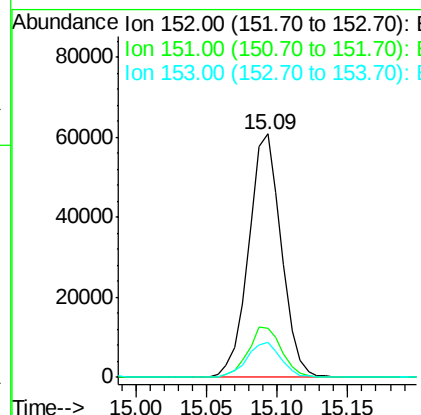
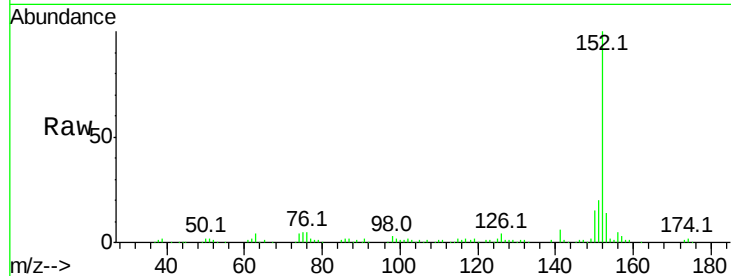
#48
Acenaphthylene
Concen: 7.388 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG032227.D
Acq: 23 Jan 2018 12:13

Instrument :
BNA_G
ClientSampleId :
WC-12R12-02

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.2	25.8
153	14.3	10.2	15.4

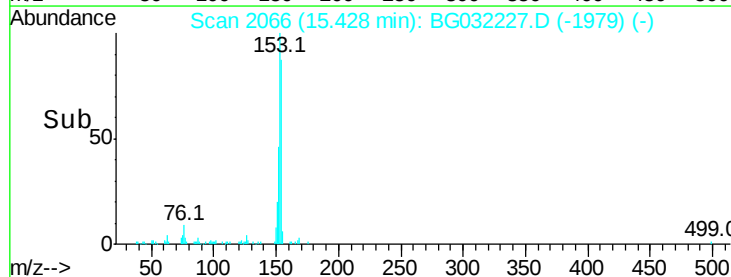
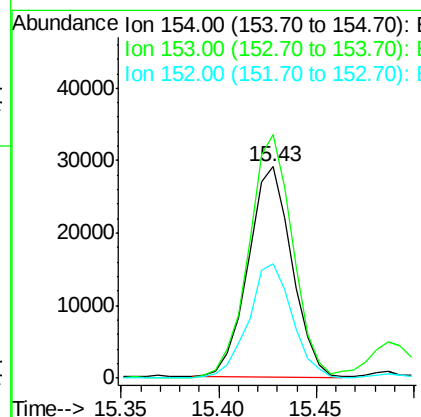
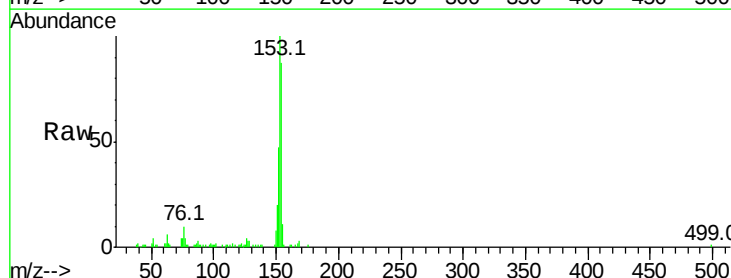
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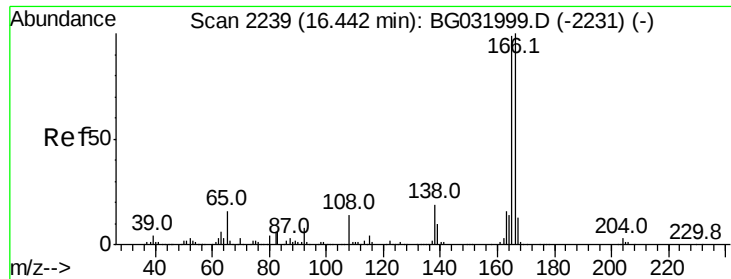
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#51
Acenaphthene
Concen: 5.125 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG032227.D
Acq: 23 Jan 2018 12:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.4	135.6
152	53.8	41.6	62.4





#57

Fluorene

Concen: 4.704 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.02 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

Instrument :

BNA_G

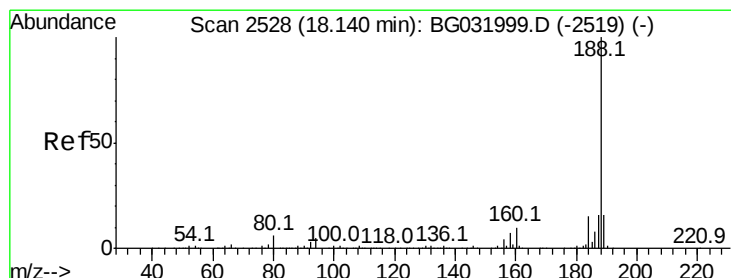
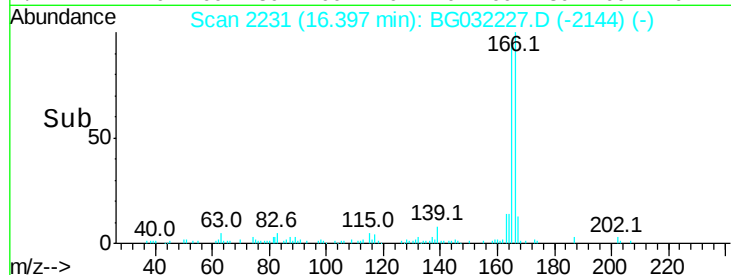
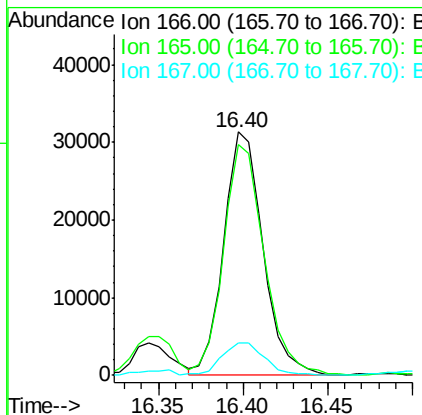
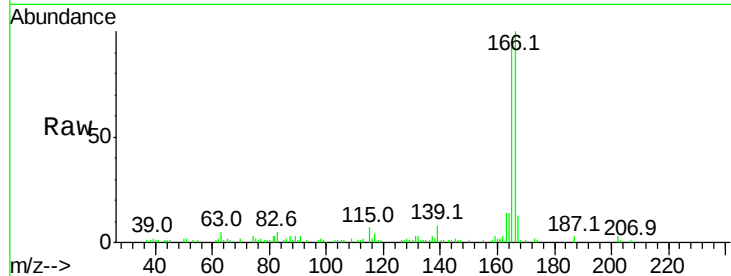
ClientSampleId :

WC-12R12-02

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.7	80.6	121.0
167	13.1	10.4	15.6

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#63

Phenanthrene-d10

Concen: 20.000 ng

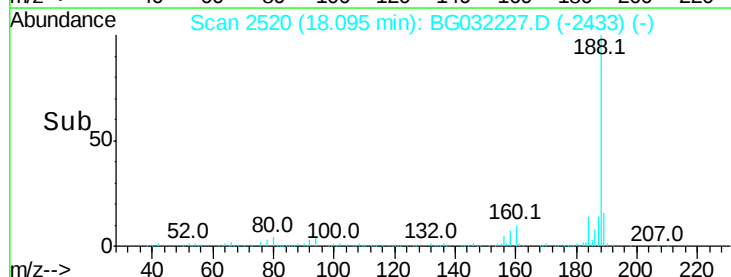
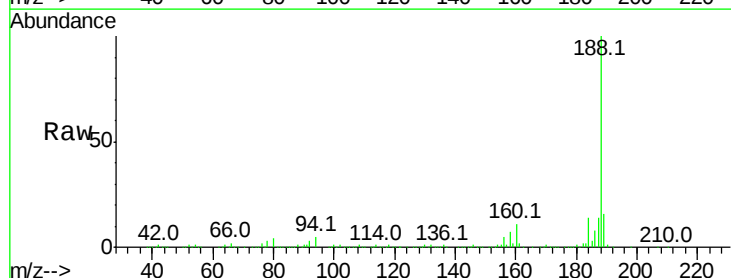
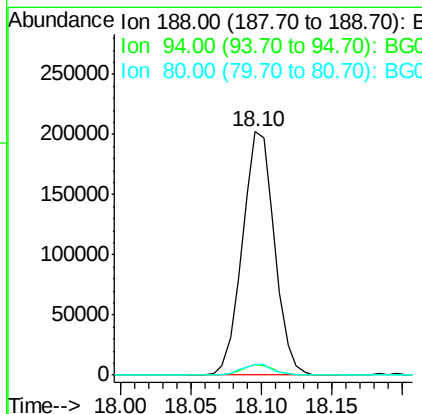
RT: 18.10 min Scan# 2520

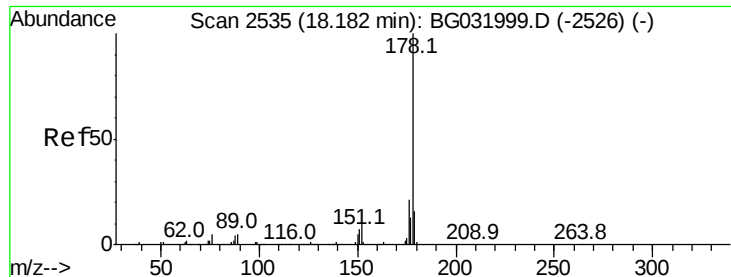
Delta R.T. -0.02 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	4.4	7.7	11.5#





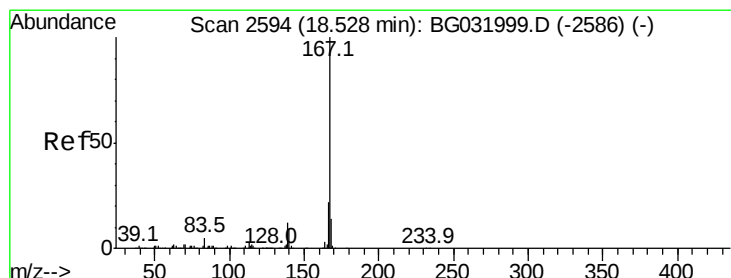
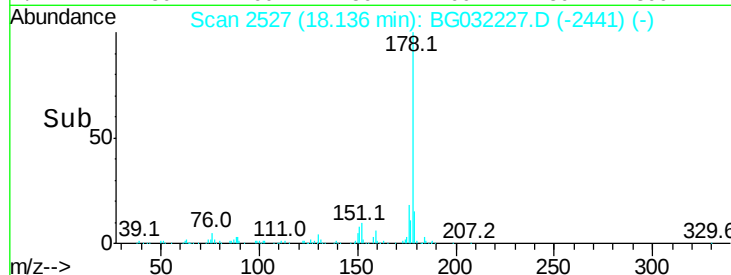
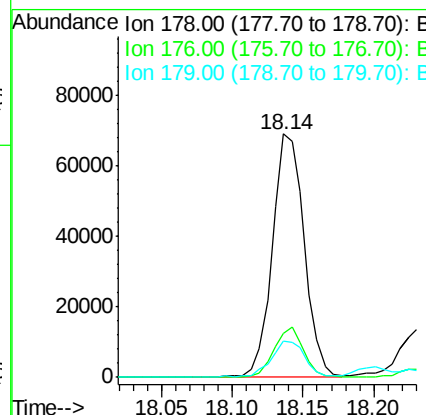
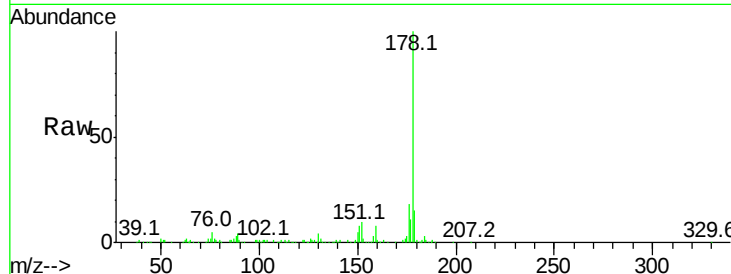
#70
Phenanthrene
Concen: 6.068 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BG032227.D
Acq: 23 Jan 2018 12:13

Instrument :
BNA_G
ClientSampleId :
WC-12R12-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.7	23.5
179	15.0	12.5	18.7

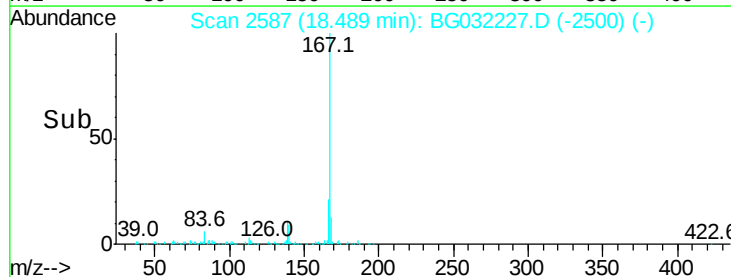
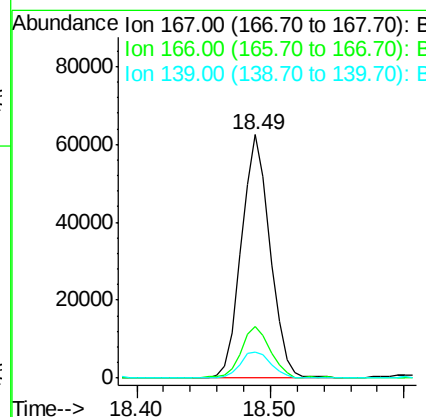
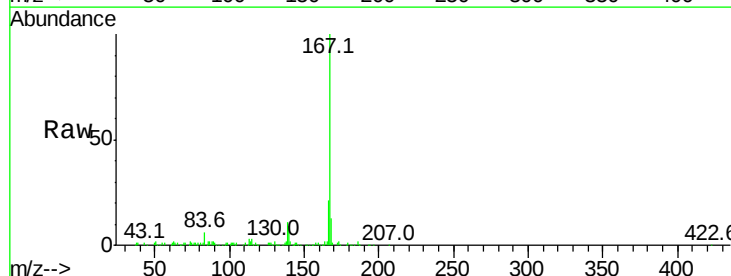
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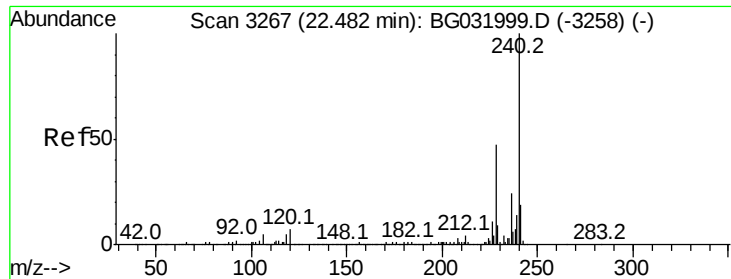
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#72
Carbazole
Concen: 5.969 ng
RT: 18.49 min Scan# 2587
Delta R.T. -0.02 min
Lab File: BG032227.D
Acq: 23 Jan 2018 12:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.2	27.4
139	10.6	9.4	14.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.43 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

Instrument :

BNA_G

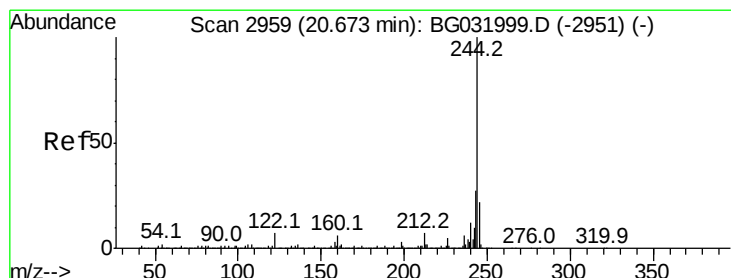
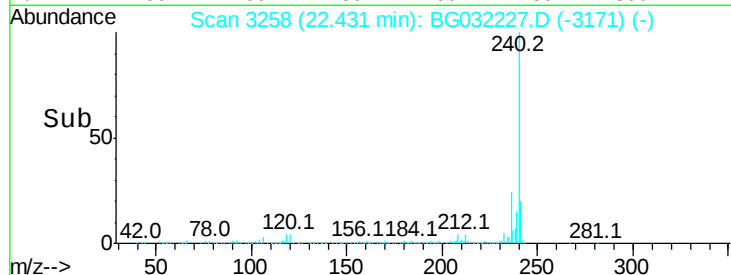
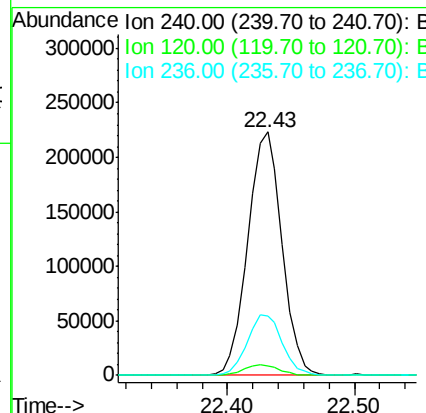
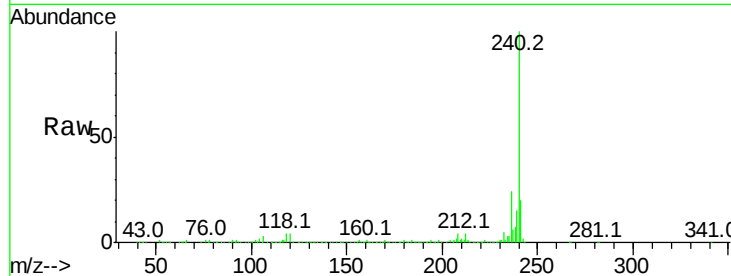
ClientSampleId :

WC-12R12-02

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.1	6.8	10.2#
236	24.5	20.9	31.3

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#78

Terphenyl-d14

Concen: 93.065 ng

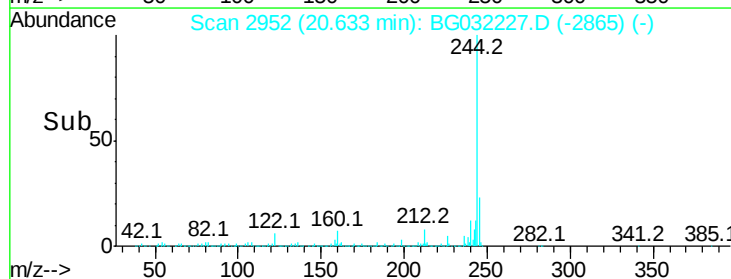
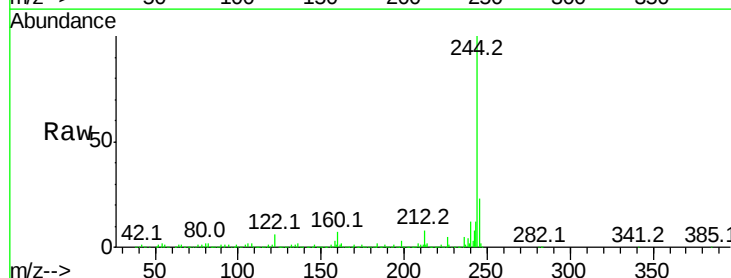
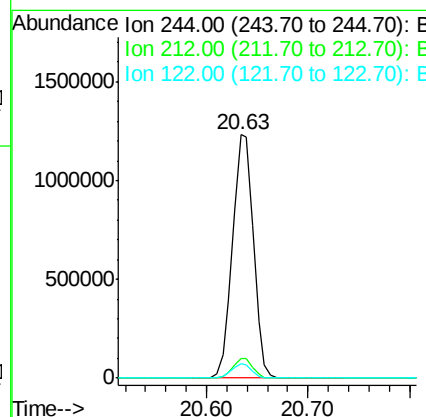
RT: 20.63 min Scan# 2952

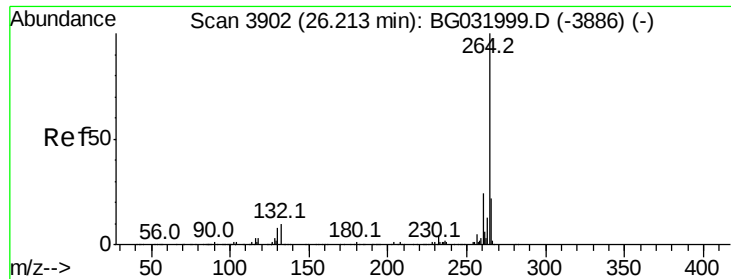
Delta R.T. -0.02 min

Lab File: BG032227.D

Acq: 23 Jan 2018 12:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	6.0	7.0	10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.12 min Scan# 3885
 Delta R.T. -0.04 min
 Lab File: BG032227.D
 Acq: 23 Jan 2018 12:13

Instrument :
 BNA_G
 ClientSampleId :
 WC-12R12-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.7	17.7	26.5

Manual Integrations
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 1/24/2018 2:49:07 PM

