

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032229.D
 Acq On : 23 Jan 2018 13:29
 Operator : SJ/JU
 Sample : J1239-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-12R12-01

Manual Integrations
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Sohil
 1/24/2018 2:49:09 PM

Quant Time: Jan 24 10:00:21 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	42602	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	180481	20.00	ng	-0.01
38) Acenaphthene-d10	15.36	164	127531	20.00	ng	-0.02
63) Phenanthrene-d10	18.10	188	312734	20.00	ng	-0.01
75) Chrysene-d12	22.43	240	407072	20.00	ng	-0.02
86) Perylene-d12	26.12	264	444954	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	310882	133.46	ng	0.00
7) Phenol-d6	7.84	99	362268	123.49	ng	0.00
23) Nitrobenzene-d5	9.93	82	276334	103.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.84	330	321083	152.15	ng	-0.01
44) 2-Fluorobiphenyl	13.99	172	972598	94.56	ng	-0.01
78) Terphenyl-d14	20.64	244	1758524	95.39	ng	-0.01
Target Compounds						
3) Pyridine	4.29	79	21560	9.026	ng	Qvalue # 81
10) Phenol	7.87	94	33757	11.681	ng	90
17) 2-Methylphenol	9.17	107	17764m	8.043	ng	
20) 3+4-Methylphenols	9.50	107	40476m	13.230	ng	
22) Acetophenone	9.57	105	18781m	4.581	ng	
27) 2,4-Dimethylphenol	10.74	122	31501m	12.590	ng	
30) 1,2,4-Trichlorobenzene	11.46	180	15020	3.778	ng	# 95
31) Naphthalene	11.67	128	2425440	271.283	ng	# 95
37) 2-Methylnaphthalene	13.23	142	239327	33.717	ng	96
45) 1,1'-Biphenyl	14.20	154	37550	3.435	ng	91
48) Acenaphthylene	15.09	152	215938	16.673	ng	98
51) Acenaphthene	15.43	154	21844	2.551	ng	97
57) Fluorene	16.40	166	58936	5.625	ng	96
70) Phenanthrene	18.14	178	136005	7.811	ng	98
72) Carbazole	18.49	167	76169	5.056	ng	97

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

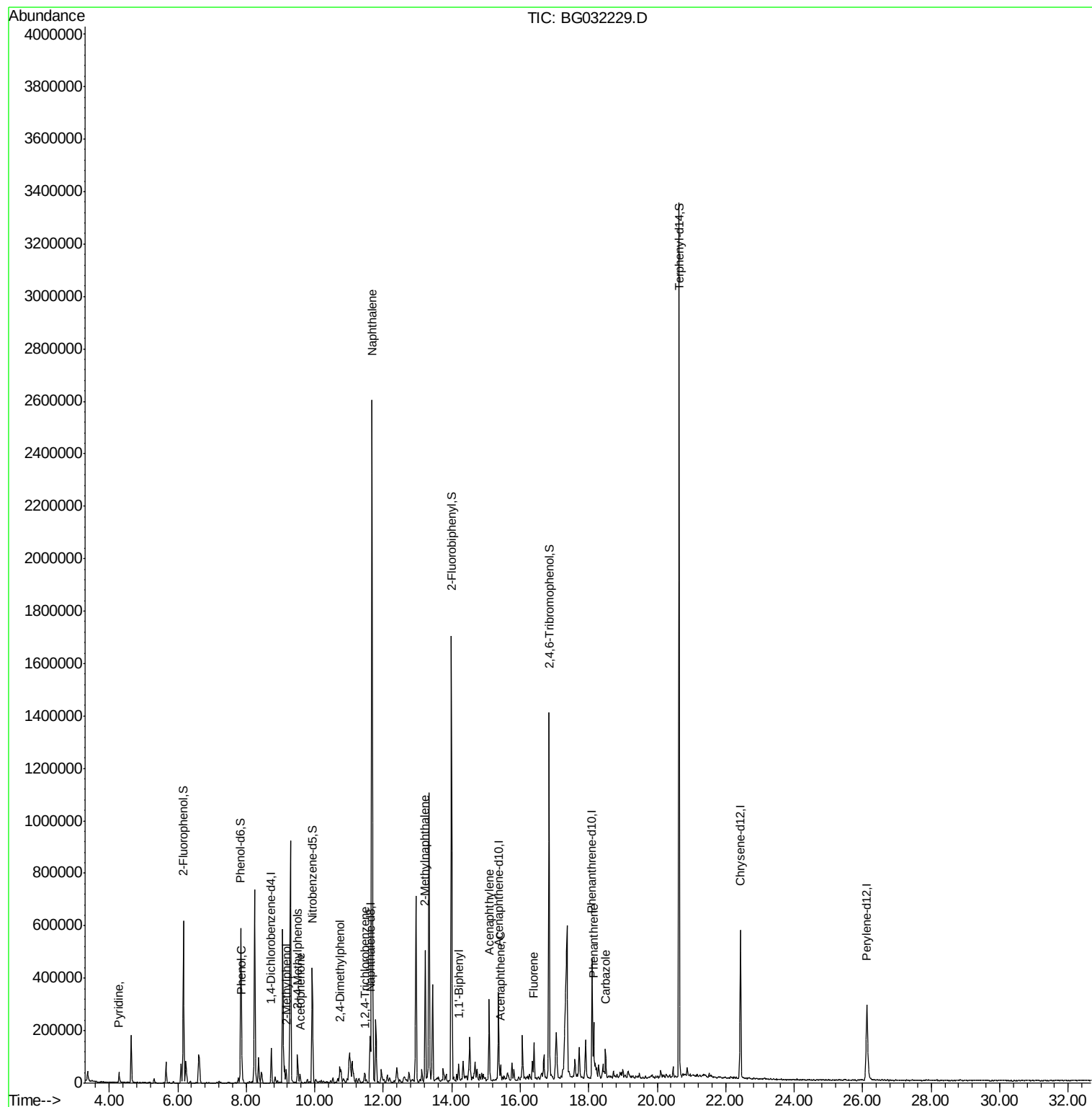
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
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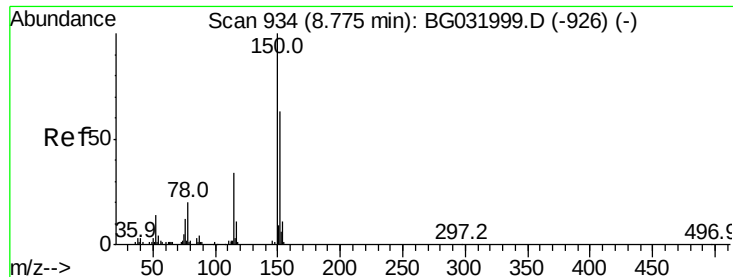
Instrument :
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#1

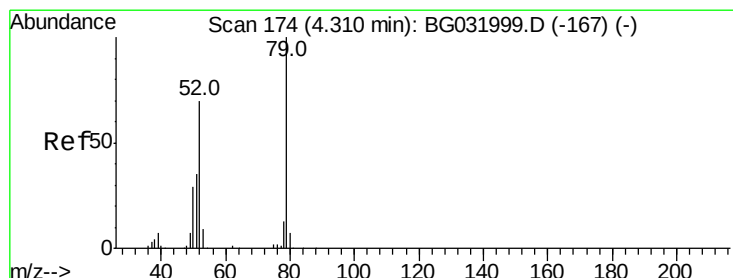
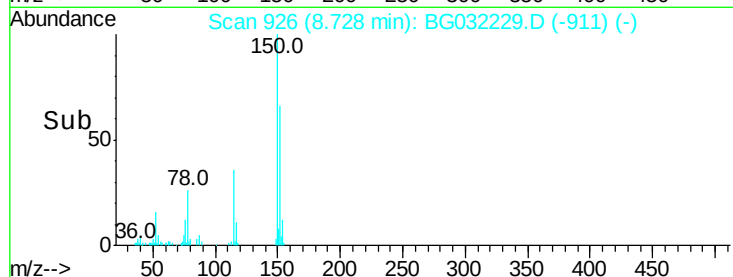
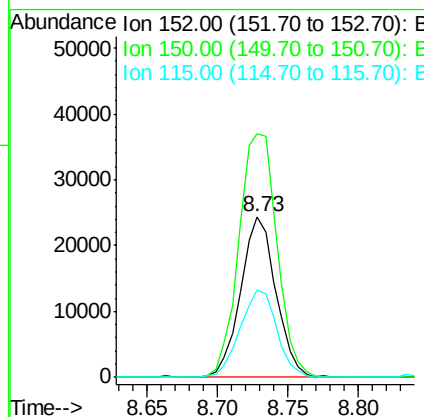
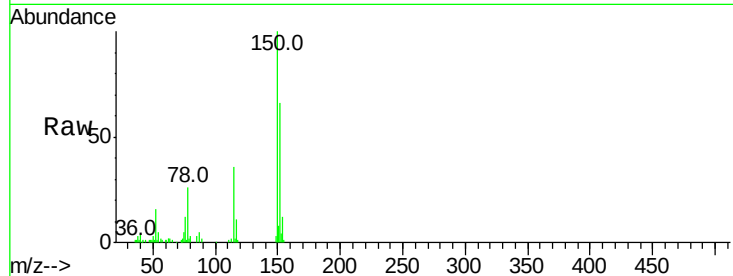
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG032229.D
Acq: 23 Jan 2018 13:29

Instrument :
BNA_G
ClientSampleId :
WC-12R12-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.6	189.8
115	54.5	53.0	79.4

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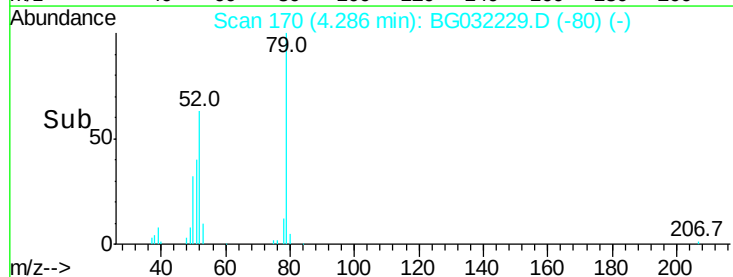
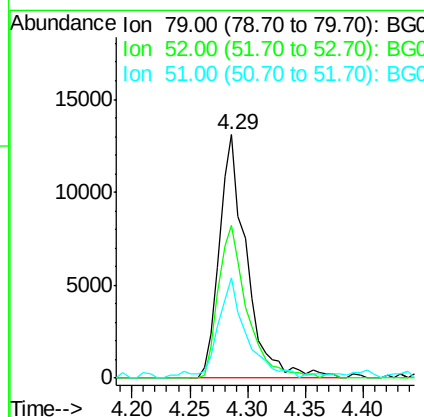
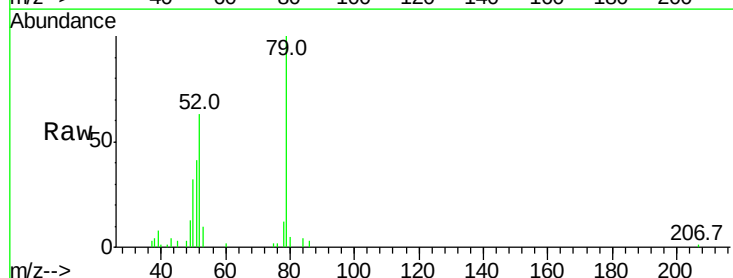
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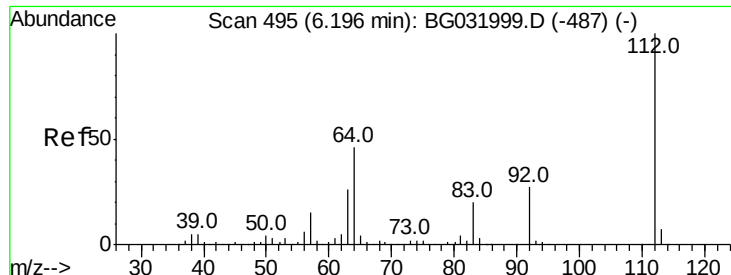


#3

Pyridine
Concen: 9.026 ng
RT: 4.29 min Scan# 170
Delta R.T. -0.00 min
Lab File: BG032229.D
Acq: 23 Jan 2018 13:29

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.6	69.9	104.9#
51	41.1	34.0	51.0





#5

2-Fluorophenol

Concen: 133.464 ng

RT: 6.17 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG032229.D

Acq: 23 Jan 2018 13:29

Instrument :

BNA_G

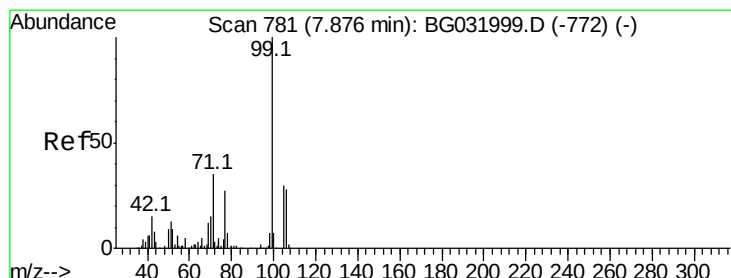
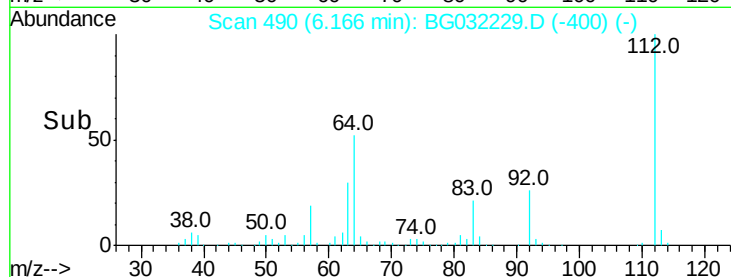
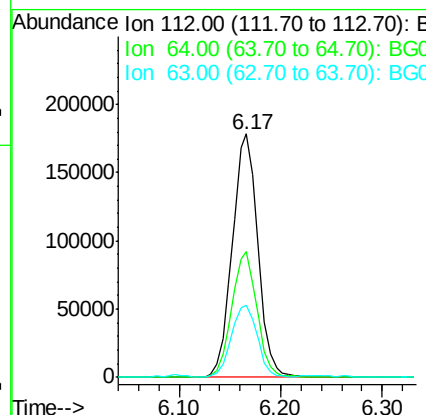
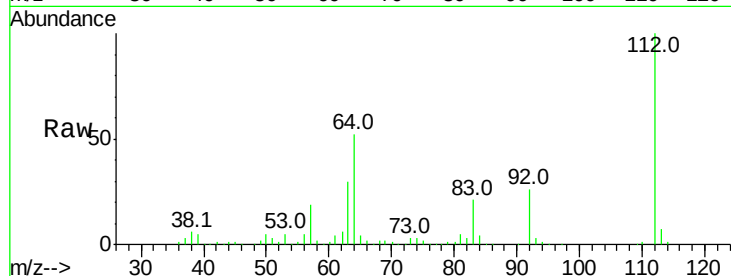
ClientSampled :

WC-12R12-01

Tot Ion:	112	Resp:	310882
Ion Ratio	Lower	Upper	
112	100		
64	51.6	56.3	84.5#
63	29.7	30.1	45.1#

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#7

Phenol-d6

Concen: 123.487 ng

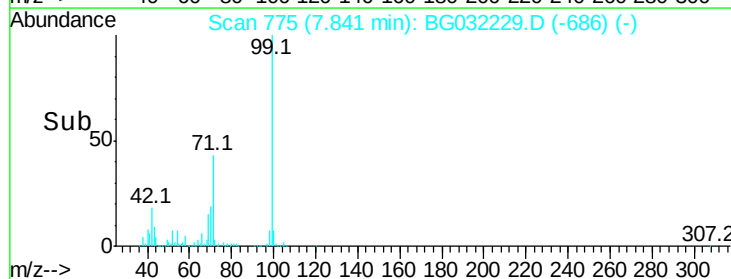
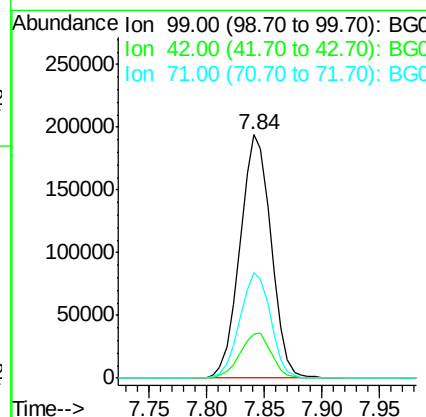
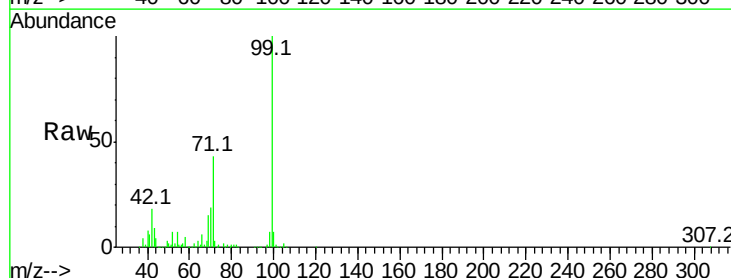
RT: 7.84 min Scan# 775

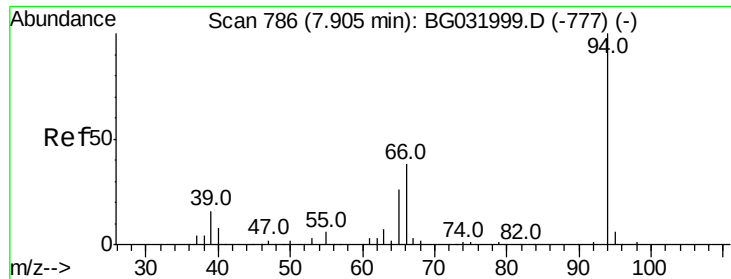
Delta R.T. -0.01 min

Lab File: BG032229.D

Acq: 23 Jan 2018 13:29

Tgt Ion:	99	Resp:	362268
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.1	21.1
71	43.4	26.1	39.1#





#10

Phenol

Concen: 11.681 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032229.D

Acq: 23 Jan 2018 13:29

Instrument :

BNA_G

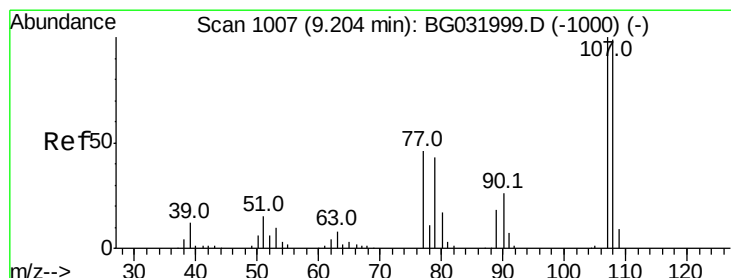
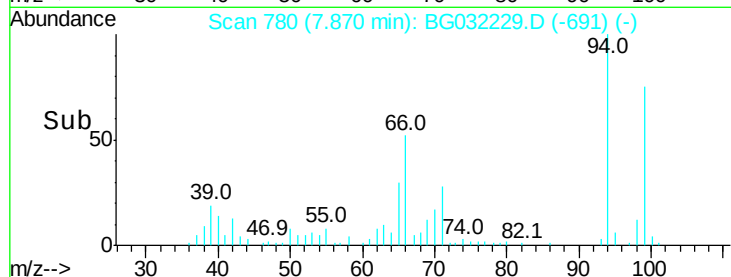
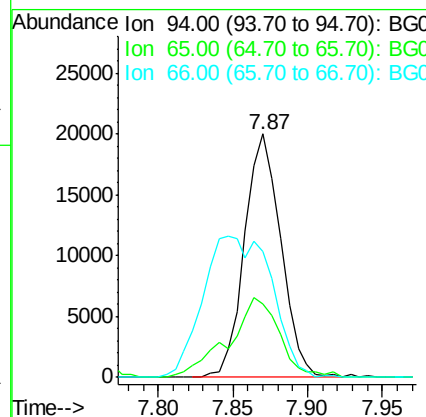
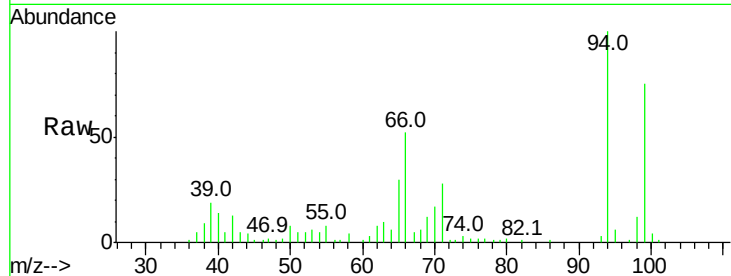
ClientSampled :

WC-12R12-01

Tot Ion:	94	Resp:	33757
Ion	Ratio	Lower	Upper
94	100		
65	30.3	11.9	51.9
66	51.9	22.2	62.2

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#17

2-Methylphenol

Concen: 8.043 ng m

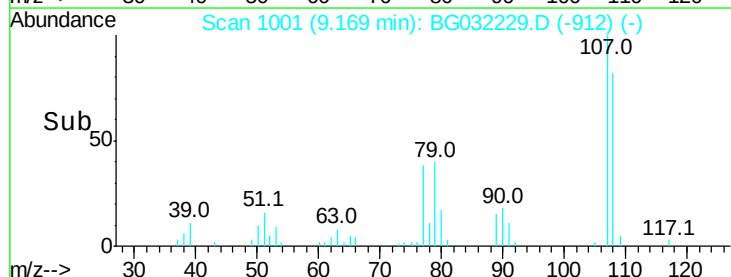
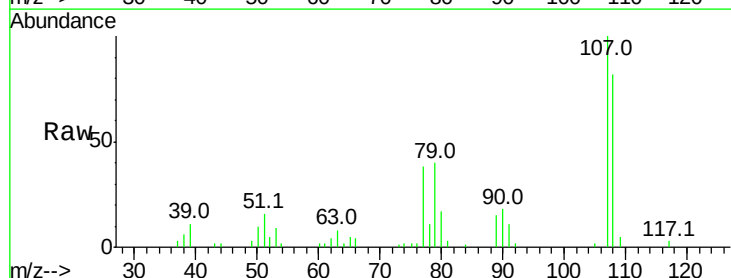
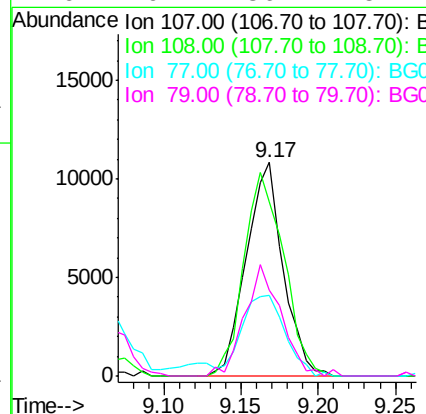
RT: 9.17 min Scan# 1001

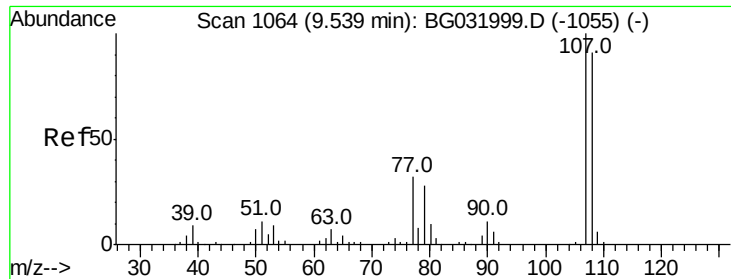
Delta R.T. -0.01 min

Lab File: BG032229.D

Acq: 23 Jan 2018 13:29

Tgt Ion:	107	Resp:	17764
Ion	Ratio	Lower	Upper
107	100		
108	81.6	83.9	125.9#
77	37.6	37.2	55.8
79	40.2	36.2	54.2





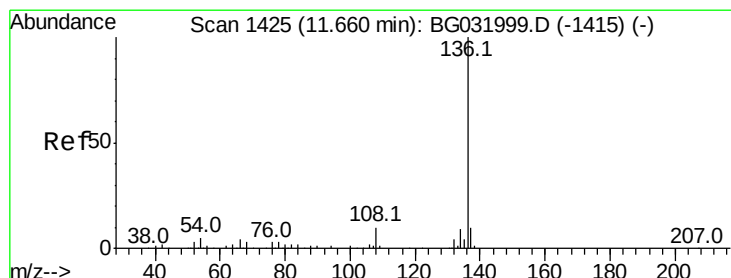
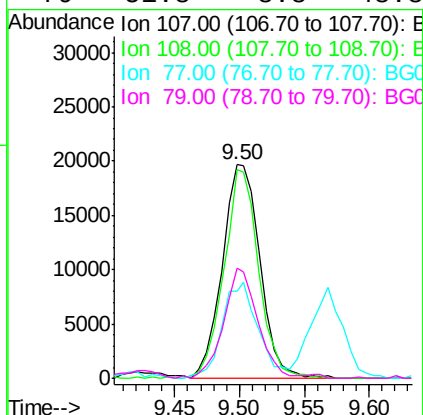
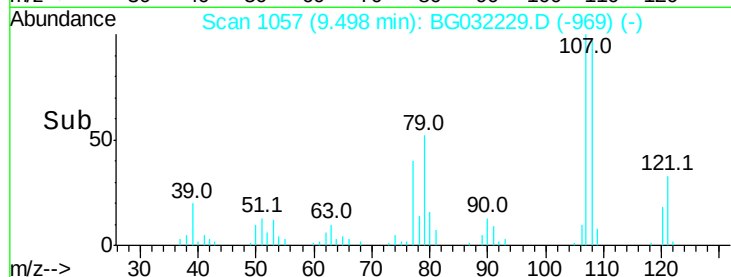
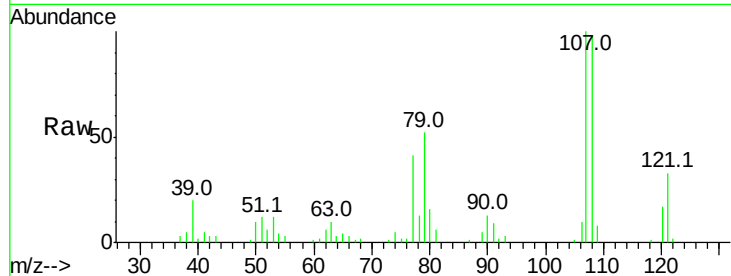
#20
3+4-Methylphenols
Concen: 13.230 ng m
RT: 9.50 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG032229.D
Acq: 23 Jan 2018 13:29

Instrument :
BNA_G
ClientSampleId :
WC-12R12-01

Tot Ion	Ratio	Lower	Upper
107	100		
108	97.6	61.6	101.6
77	40.7	13.9	53.9
79	51.8	8.8	48.8

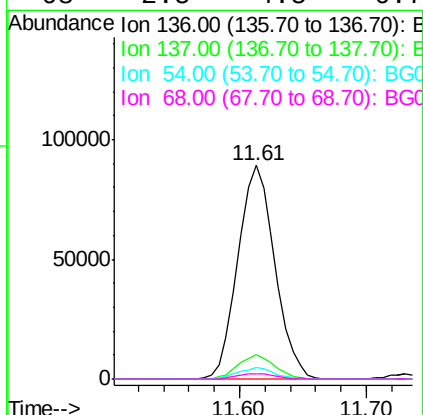
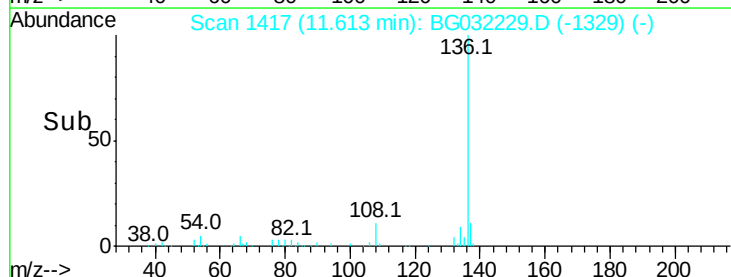
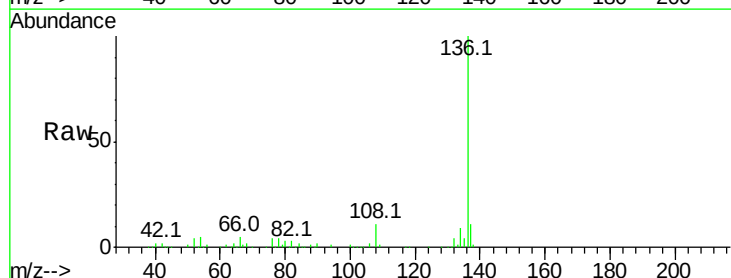
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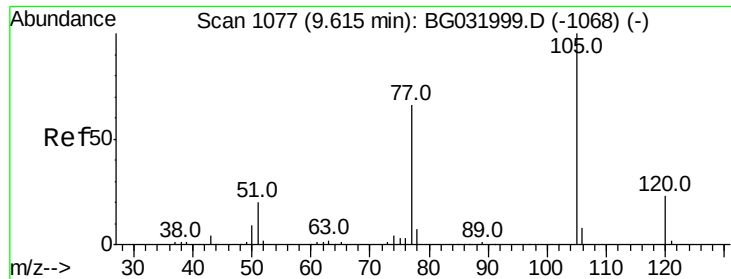
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BG032229.D
Acq: 23 Jan 2018 13:29

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.4	10.3	15.5
68	2.5	4.5	6.7





#22

Acetophenone

Concen: 4.581 ng/ml

RT: 9.57 min Scan# 1069

Delta R.T. -0.02 min

Lab File: BG032229.D

Acq: 23 Jan 2018 13:29

Instrument :

BNA_G

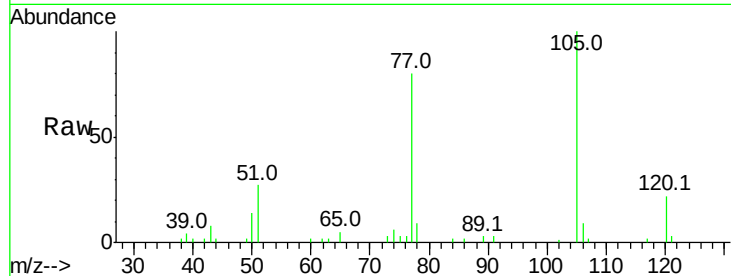
ClientSampleId :

WC-12R12-01

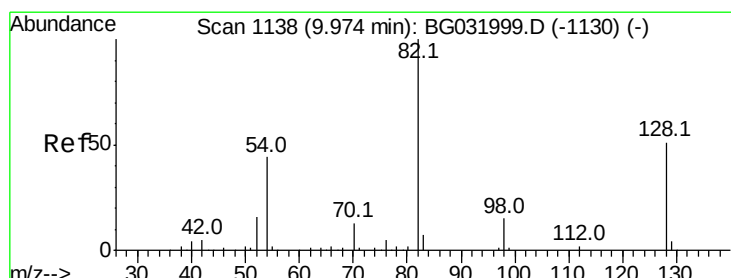
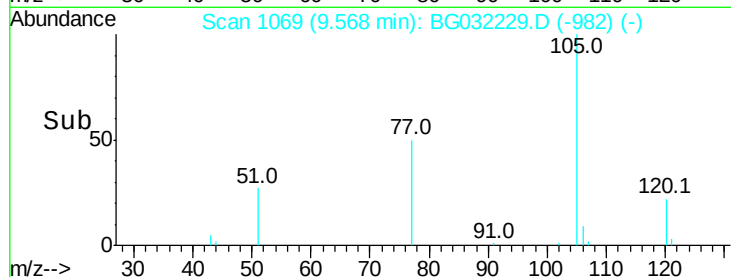
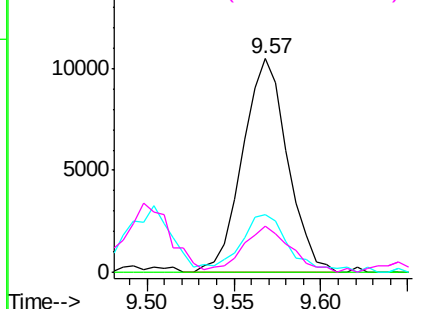
Tot Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	27.2	26.1	39.1
120	21.6	17.4	26.2

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Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 103.585 ng

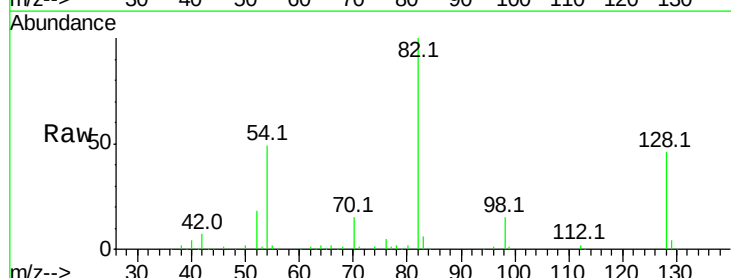
RT: 9.93 min Scan# 1130

Delta R.T. -0.01 min

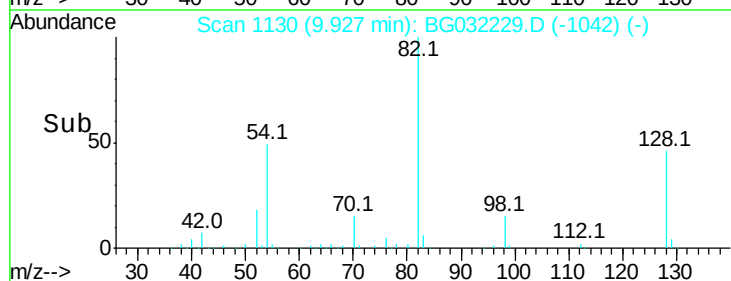
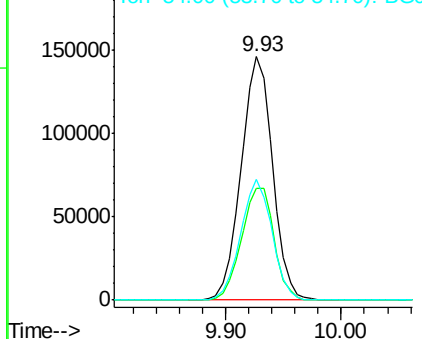
Lab File: BG032229.D

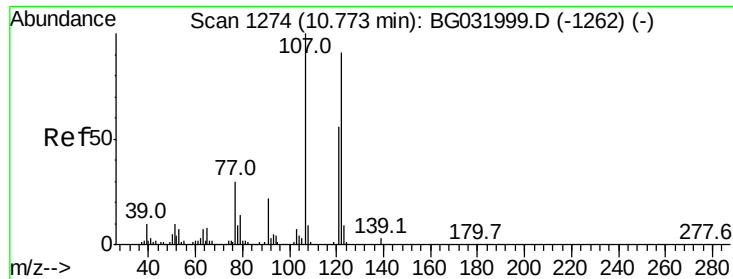
Acq: 23 Jan 2018 13:29

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	49.4	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





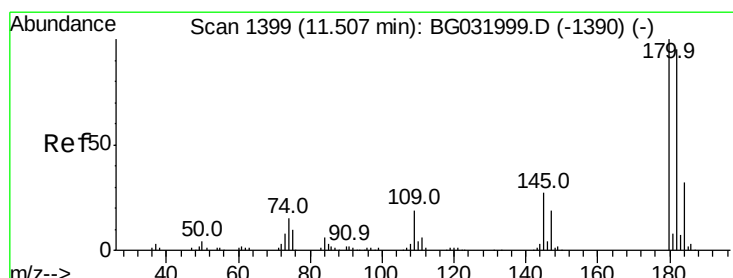
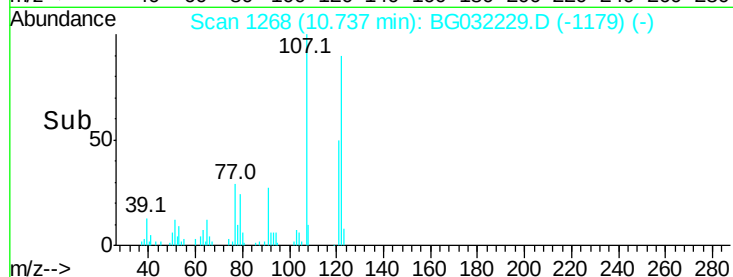
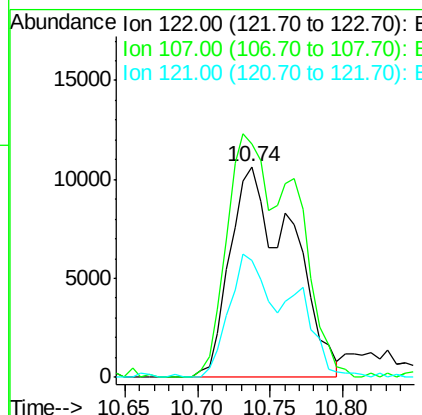
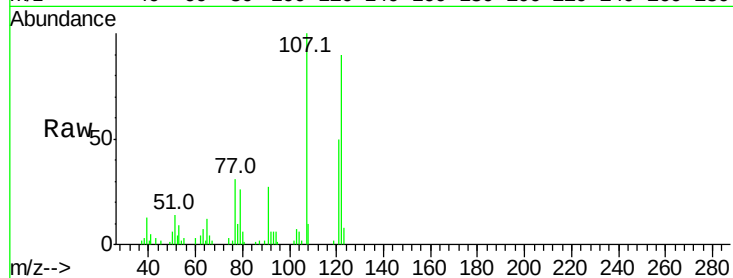
#27
 2,4-Dimethylphenol
 Concen: 12.590 ng/ml
 RT: 10.74 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG032229.D
 Acq: 23 Jan 2018 13:29

Instrument :
 BNA_G
 ClientSampleId :
 WC-12R12-01

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	100.2	150.2
121	55.6	44.4	66.6

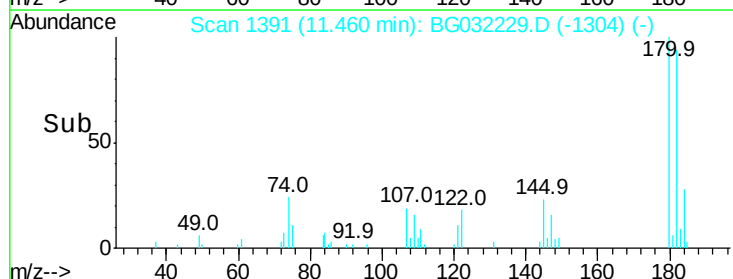
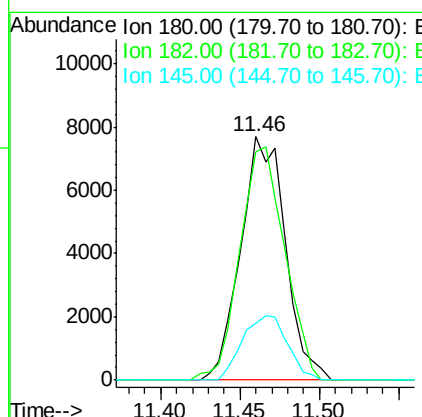
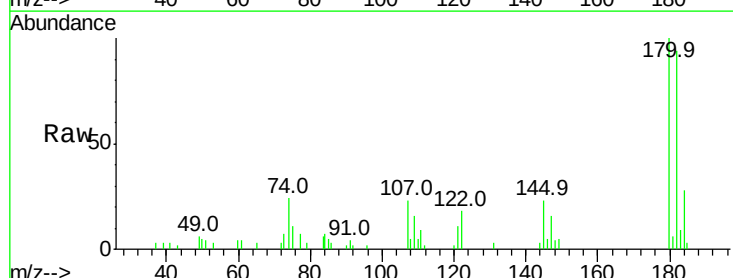
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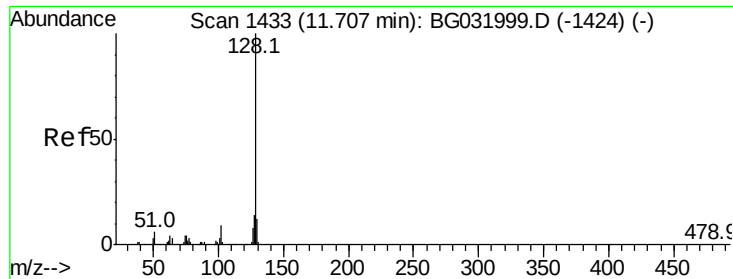
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#30
 1,2,4-Trichlorobenzene
 Concen: 3.778 ng/ml
 RT: 11.46 min Scan# 1391
 Delta R.T. -0.02 min
 Lab File: BG032229.D
 Acq: 23 Jan 2018 13:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.5	116.3
145	23.2	23.4	35.2





#31

Naphthalene

Concen: 271.283 ng

RT: 11.67 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BG032229.D

Acq: 23 Jan 2018 13:29

Instrument :

BNA_G

ClientSampleId :

WC-12R12-01

Tot Ion:128 Resp: 2425440

Ion Ratio Lower Upper

128 100

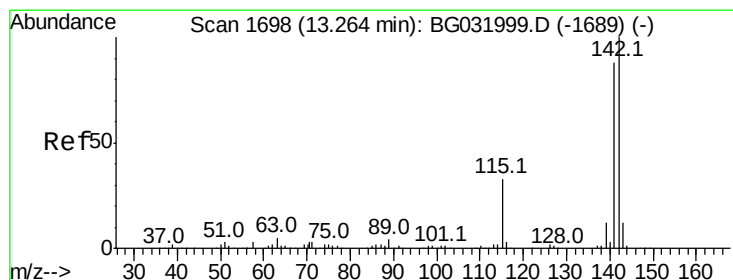
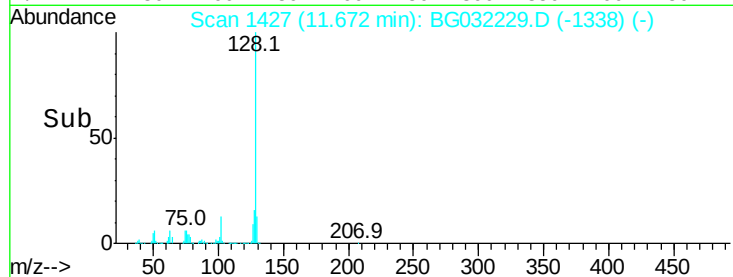
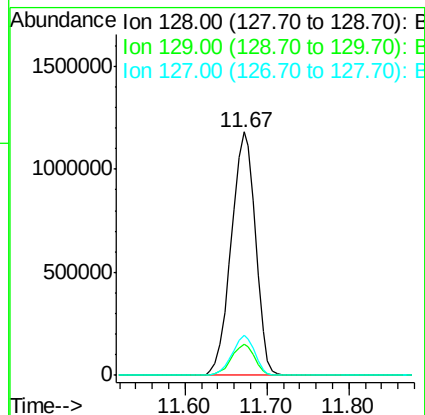
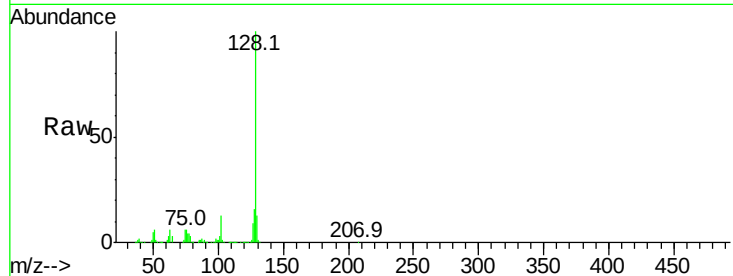
129 12.8 8.6 12.8#

127 16.3 11.6 17.4

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#37

2-Methylnaphthalene

Concen: 33.717 ng

RT: 13.23 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BG032229.D

Acq: 23 Jan 2018 13:29

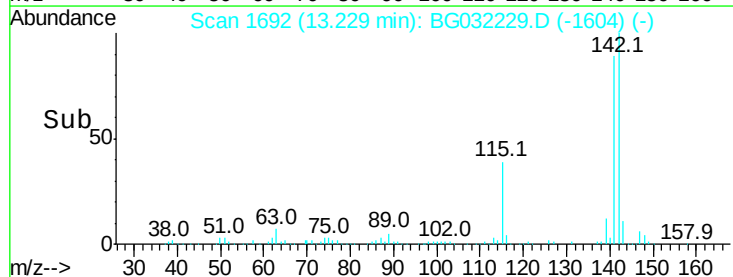
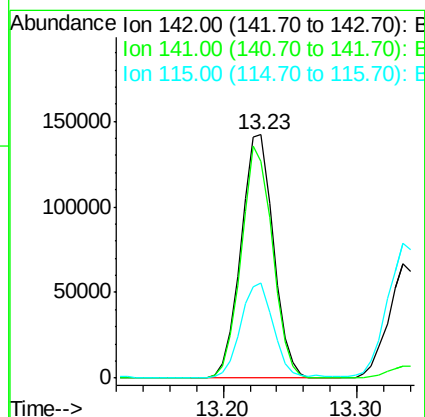
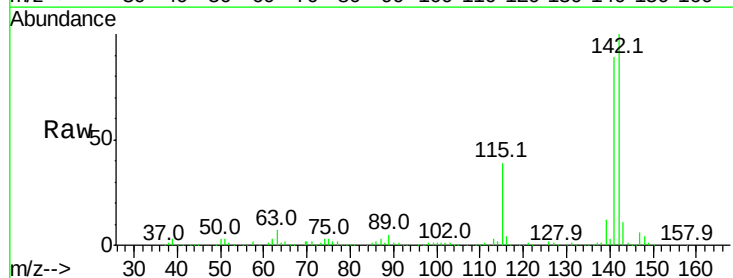
Tgt Ion:142 Resp: 239327

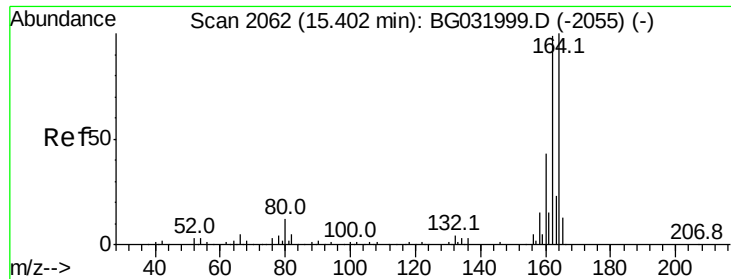
Ion Ratio Lower Upper

142 100

141 88.8 67.1 100.7

115 39.2 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: BG032229.D

Acq: 23 Jan 2018 13:29

Instrument :

BNA_G

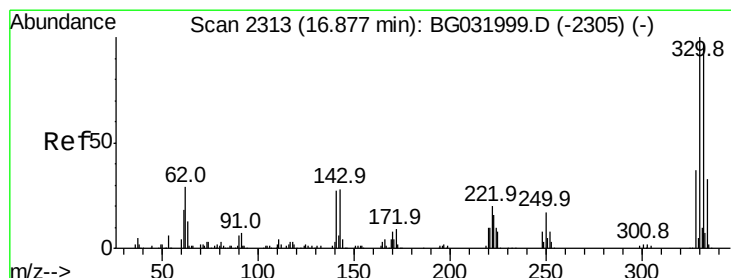
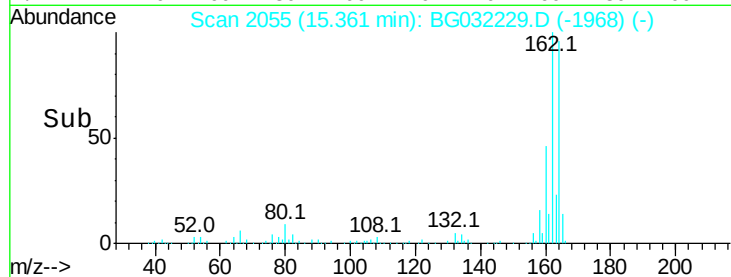
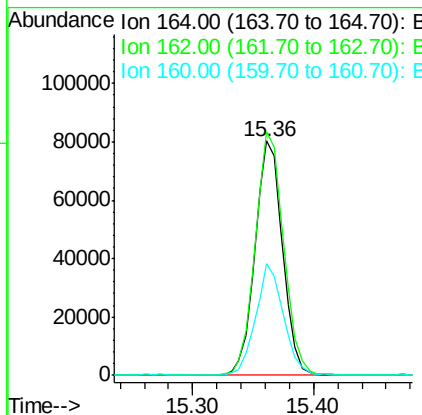
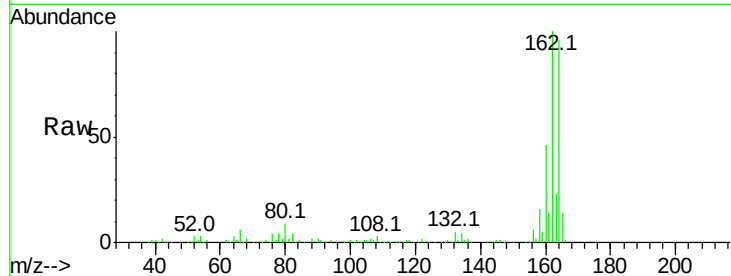
ClientSampled :

WC-12R12-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	47.8	35.4	53.0

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#41

2,4,6-Tribromophenol

Concen: 152.148 ng

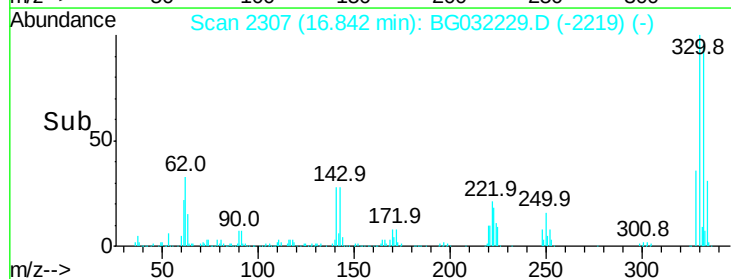
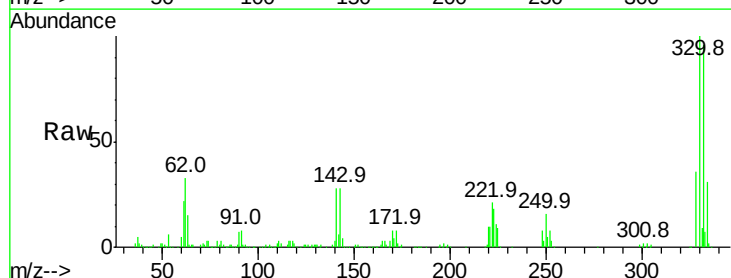
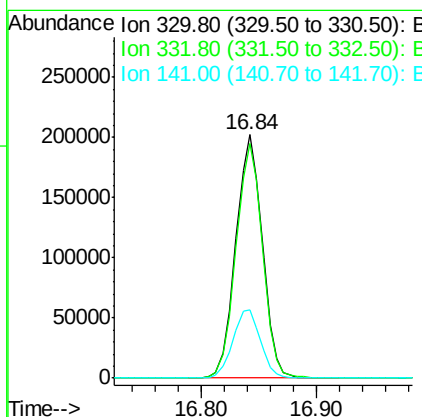
RT: 16.84 min Scan# 2307

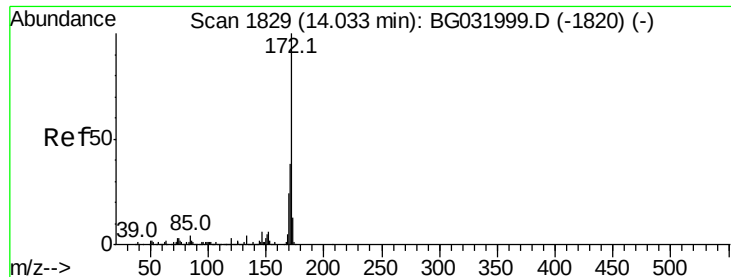
Delta R.T. -0.01 min

Lab File: BG032229.D

Acq: 23 Jan 2018 13:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	28.6	25.2	37.8





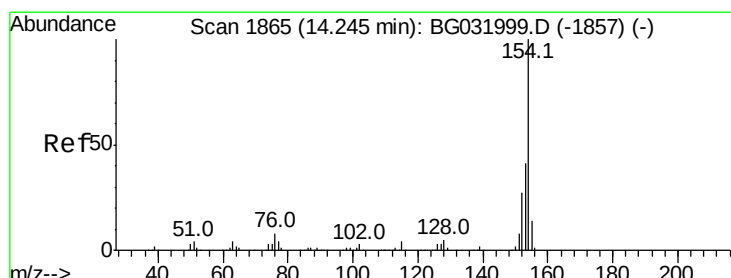
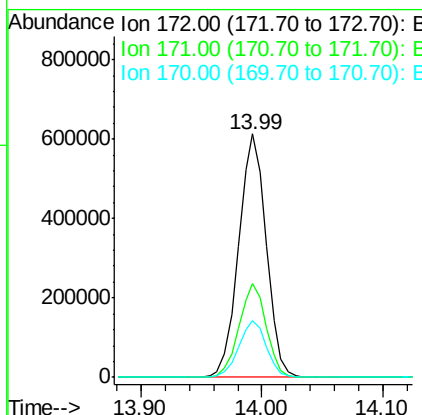
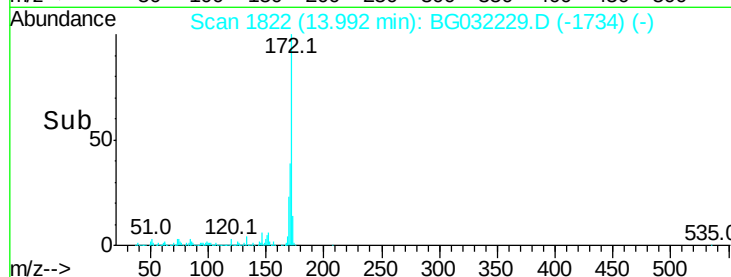
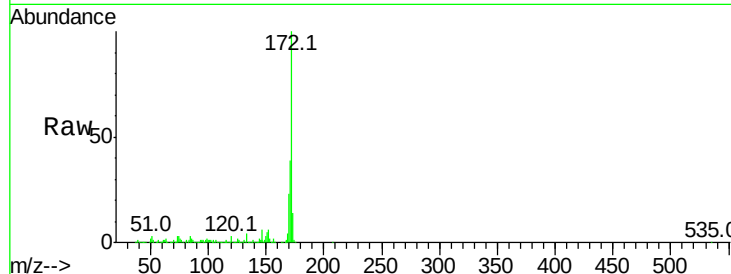
#44
2-Fluorobiphenyl
Concen: 94.563 ng
RT: 13.99 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BG032229.D
Acq: 23 Jan 2018 13:29

Instrument :
BNA_G
ClientSampleId :
WC-12R12-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	23.3	19.5	29.3

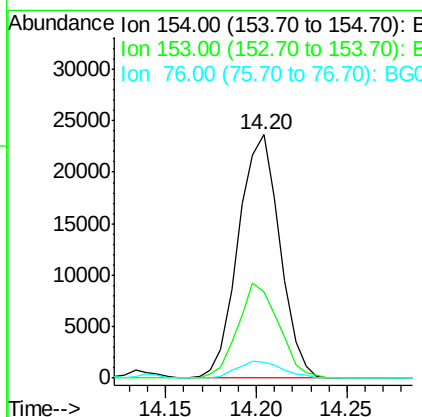
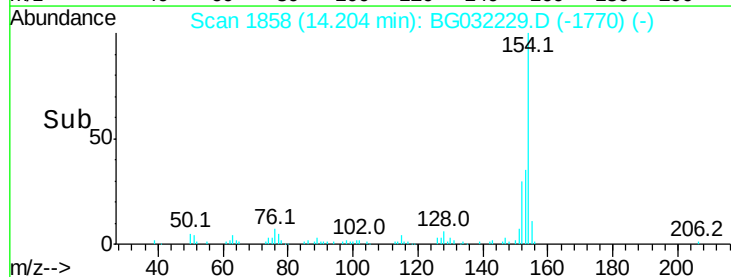
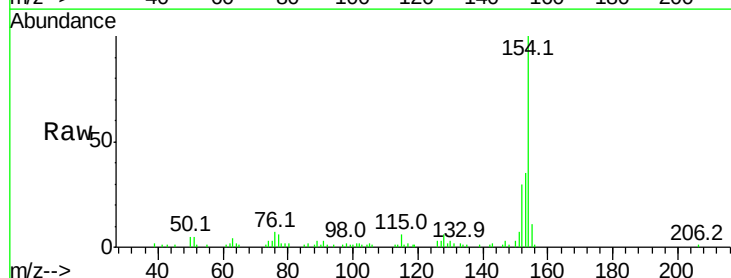
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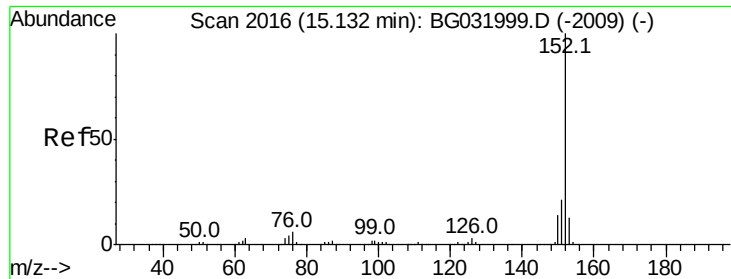
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#45
1,1'-Biphenyl
Concen: 3.435 ng
RT: 14.20 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG032229.D
Acq: 23 Jan 2018 13:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	35.5	19.8	59.8
76	6.7	0.0	31.9





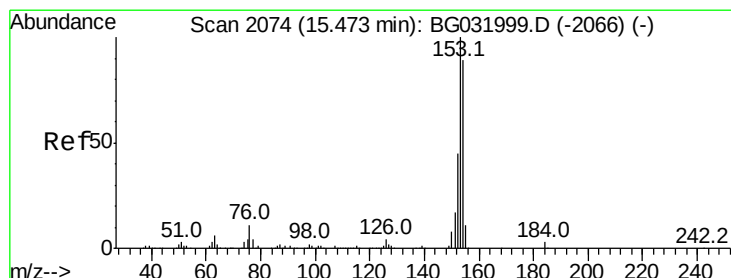
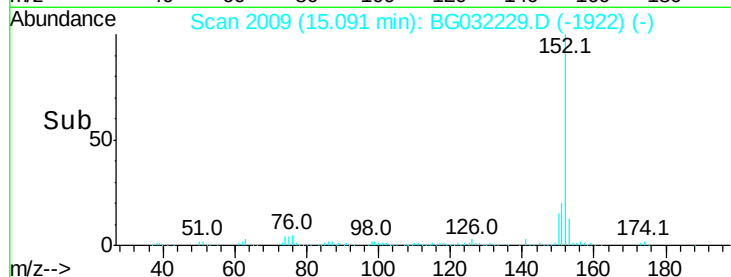
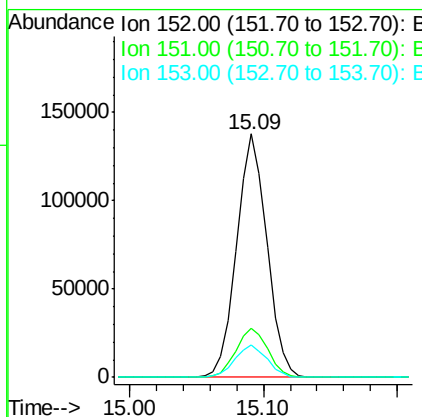
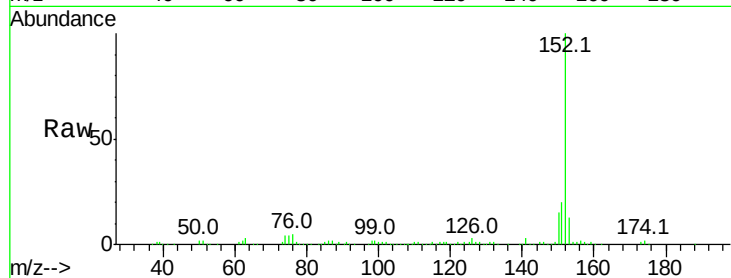
#48
Acenaphthylene
Concen: 16.673 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG032229.D
Acq: 23 Jan 2018 13:29

Instrument :
BNA_G
ClientSampleId :
WC-12R12-01

Tot Ion	Ratio	Resp	Lower	Upper
152	100	215938		
151	20.2		17.2	25.8
153	13.2		10.2	15.4

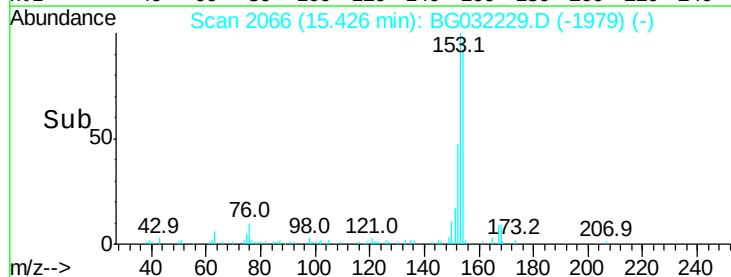
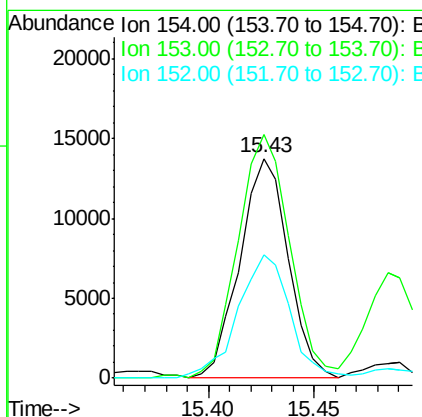
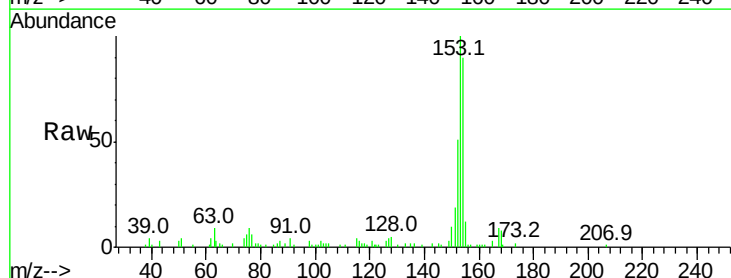
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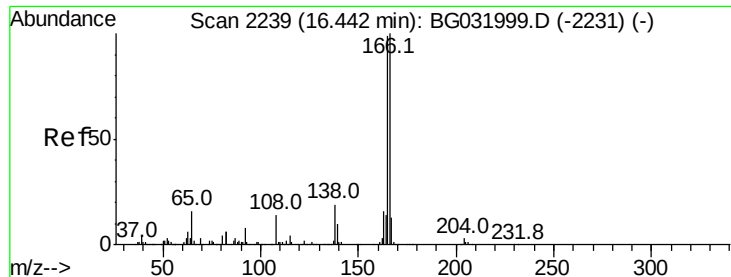
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#51
Acenaphthene
Concen: 2.551 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG032229.D
Acq: 23 Jan 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	21844		
153	111.0		90.4	135.6
152	56.3		41.6	62.4





#57

Fluorene

Concen: 5.625 ng

RT: 16.40 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BG032229.D

Acq: 23 Jan 2018 13:29

Instrument :

BNA_G

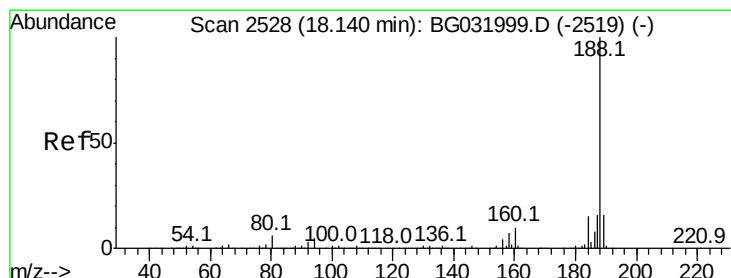
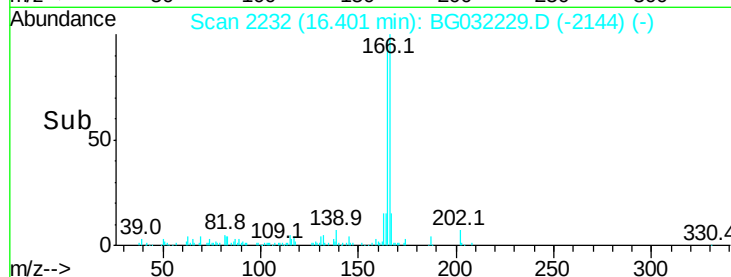
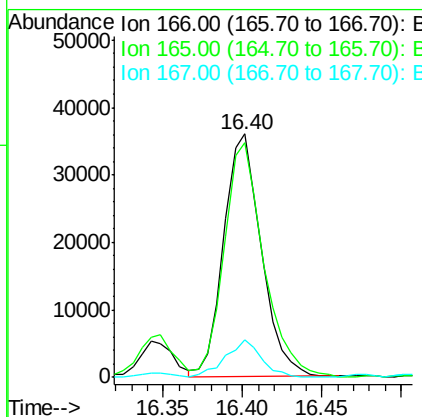
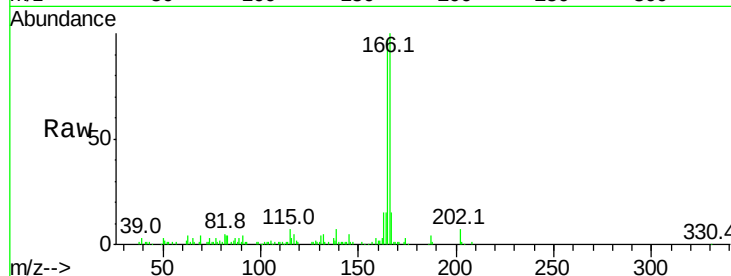
ClientSampleId :

WC-12R12-01

Tot Ion:	166	Resp:	58936
Ion Ratio	Lower	Upper	
166	100		
165	96.6	80.6	121.0
167	15.4	10.4	15.6

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

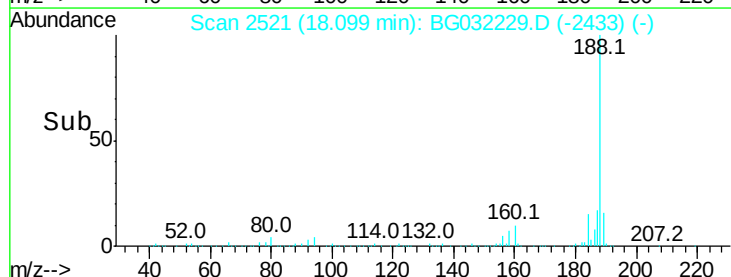
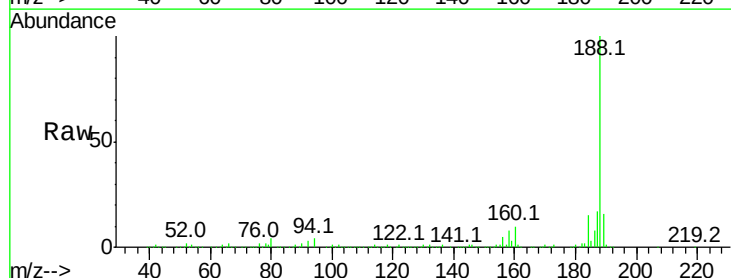
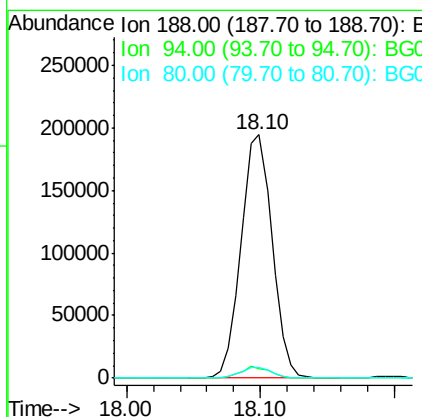
RT: 18.10 min Scan# 2521

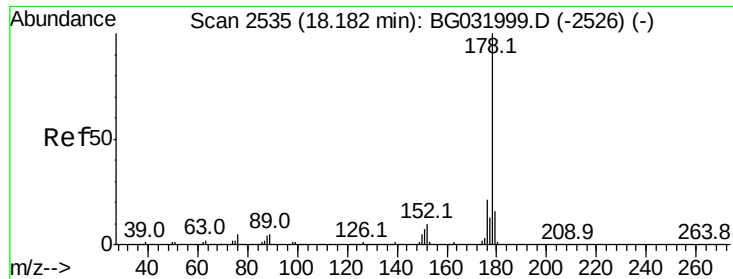
Delta R.T. -0.01 min

Lab File: BG032229.D

Acq: 23 Jan 2018 13:29

Tgt Ion:	188	Resp:	312734
Ion Ratio	Lower	Upper	
188	100		
94	4.0	6.9	10.3#
80	4.3	7.7	11.5#





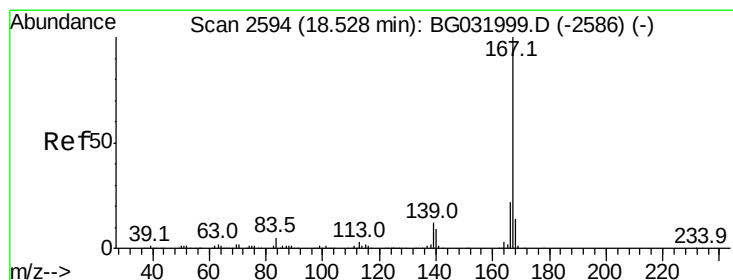
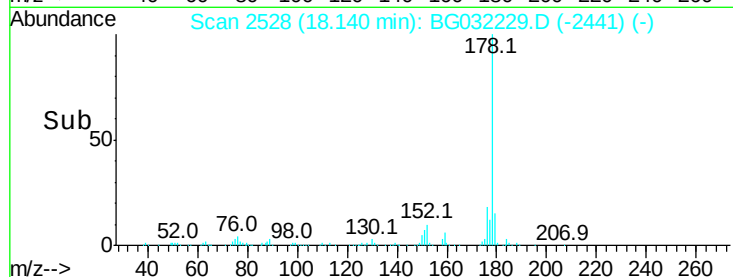
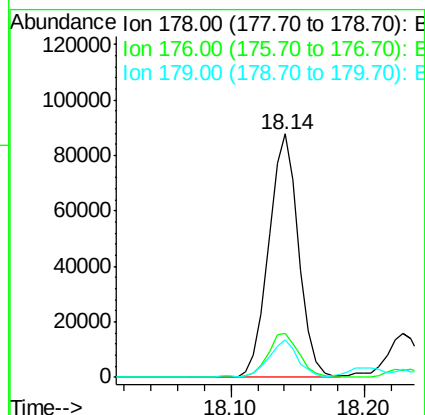
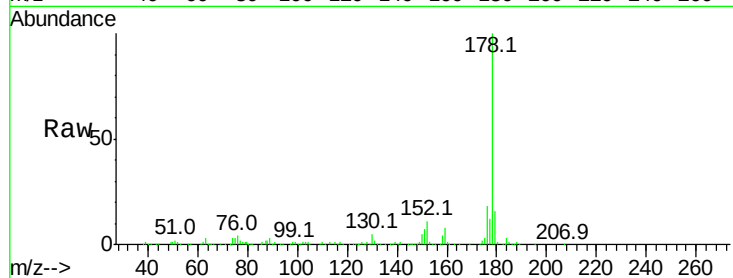
#70
Phenanthrene
Concen: 7.811 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG032229.D
Acq: 23 Jan 2018 13:29

Instrument :
BNA_G
ClientSampleId :
WC-12R12-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.7	23.5
179	15.6	12.5	18.7

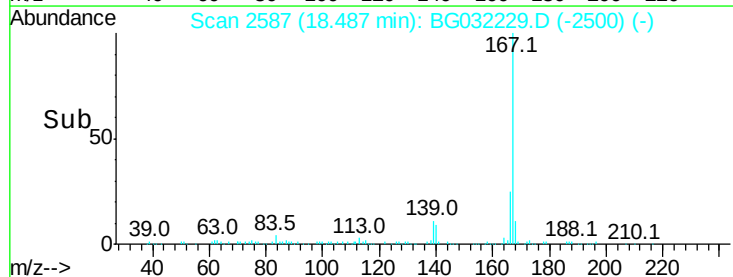
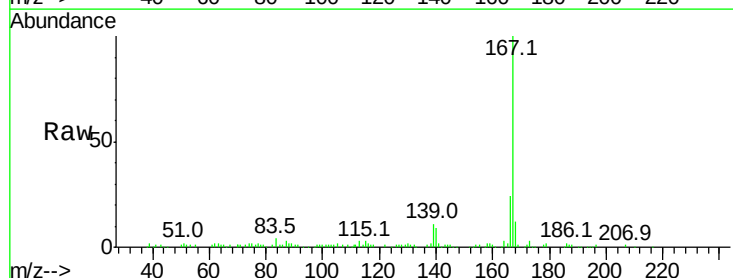
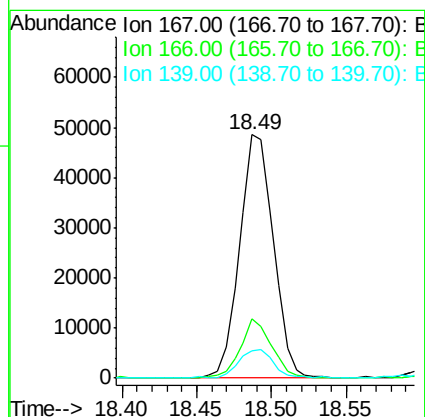
Manual Integrations
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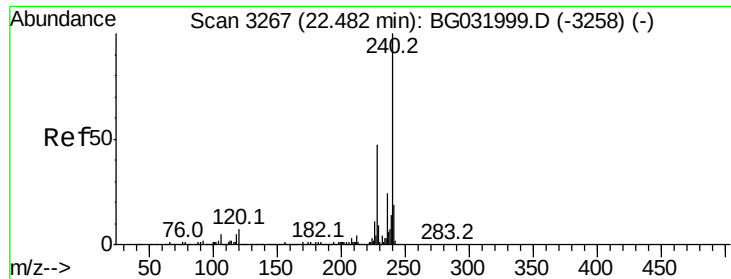
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#72
Carbazole
Concen: 5.056 ng
RT: 18.49 min Scan# 2587
Delta R.T. -0.02 min
Lab File: BG032229.D
Acq: 23 Jan 2018 13:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.5	18.2	27.4
139	11.4	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: BG032229.D

Acq: 23 Jan 2018 13:29

Instrument :

BNA_G

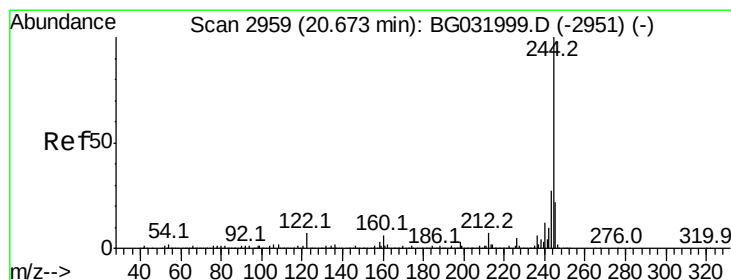
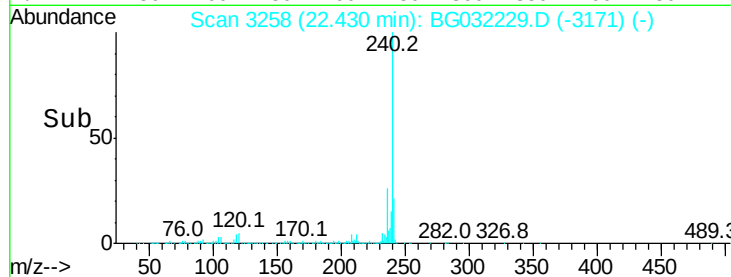
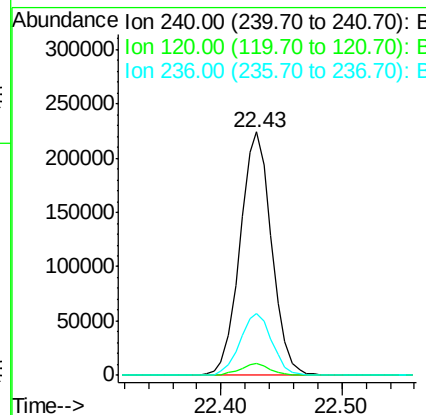
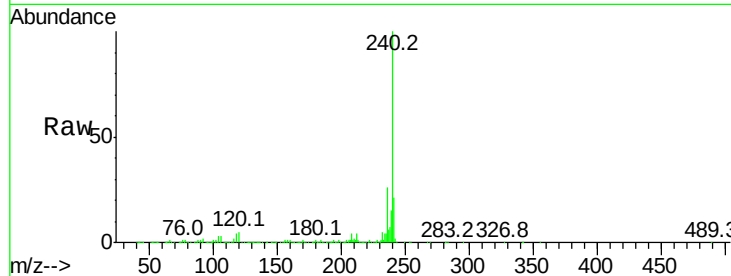
ClientSampleId :

WC-12R12-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	25.6	20.9	31.3

Manual Integrations
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#78

Terphenyl-d14

Concen: 95.386 ng

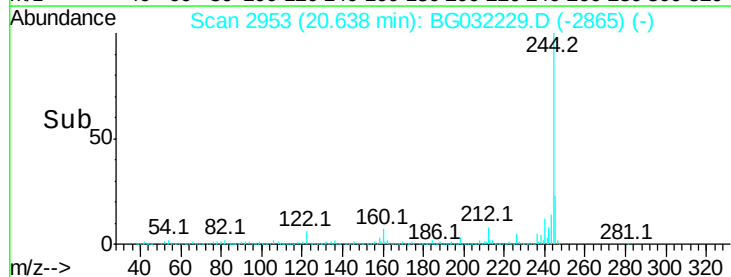
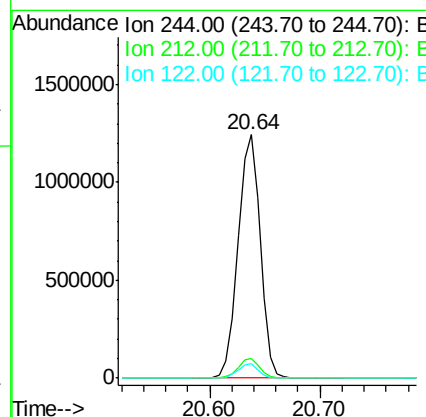
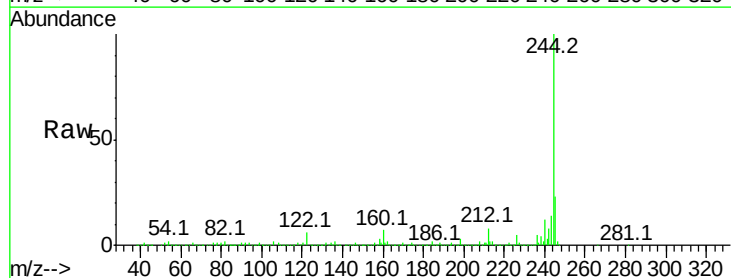
RT: 20.64 min Scan# 2953

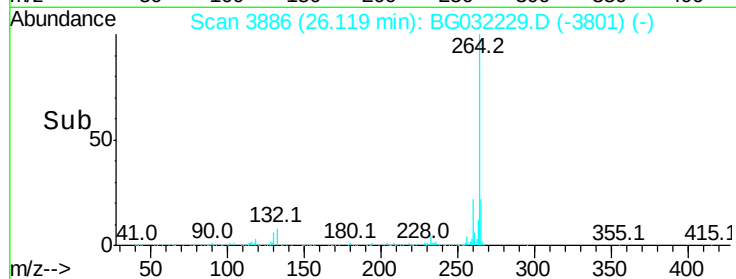
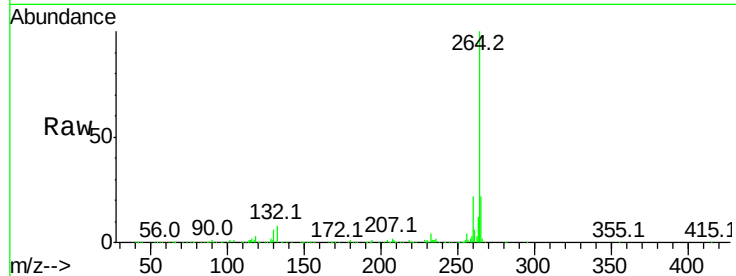
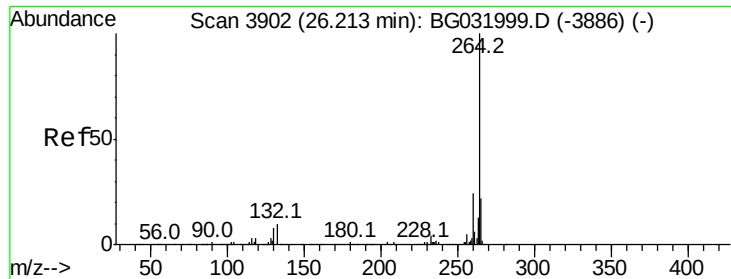
Delta R.T. -0.01 min

Lab File: BG032229.D

Acq: 23 Jan 2018 13:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	5.9	7.0	10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.12 min Scan# 3886
Delta R.T. -0.03 min
Lab File: BG032229.D
Acq: 23 Jan 2018 13:29

Instrument :
BNA_G
ClientSampleId :
WC-12R12-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.5	17.7	26.5

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:09 PM

