

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032234.D
 Acq On : 23 Jan 2018 16:38
 Operator : SJ/JU
 Sample : J1239-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-096613-01

Manual Integrations
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Sohil
 1/24/2018 2:49:14 PM

Quant Time: Jan 24 10:09:45 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	45110	20.00	ng	-0.02
21) Naphthalene-d8	11.61	136	184256	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	130888	20.00	ng	-0.02
63) Phenanthrene-d10	18.10	188	321209	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	421690	20.00	ng	-0.02
86) Perylene-d12	26.12	264	447908	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	308658	125.14	ng	0.00
7) Phenol-d6	7.84	99	353355	113.75	ng	0.00
23) Nitrobenzene-d5	9.92	82	271681	99.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.84	330	309394	142.85	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	975175	92.38	ng	-0.02
78) Terphenyl-d14	20.63	244	1798068	94.15	ng	-0.02
Target Compounds						
31) Naphthalene	11.66	128	623638	68.324	ng	99
37) 2-Methylnaphthalene	13.23	142	106258	14.663	ng	94
48) Acenaphthylene	15.09	152	50141	3.772	ng	98
57) Fluorene	16.40	166	33128m	3.081	ng	
70) Phenanthrene	18.14	178	69560	3.890	ng	96

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

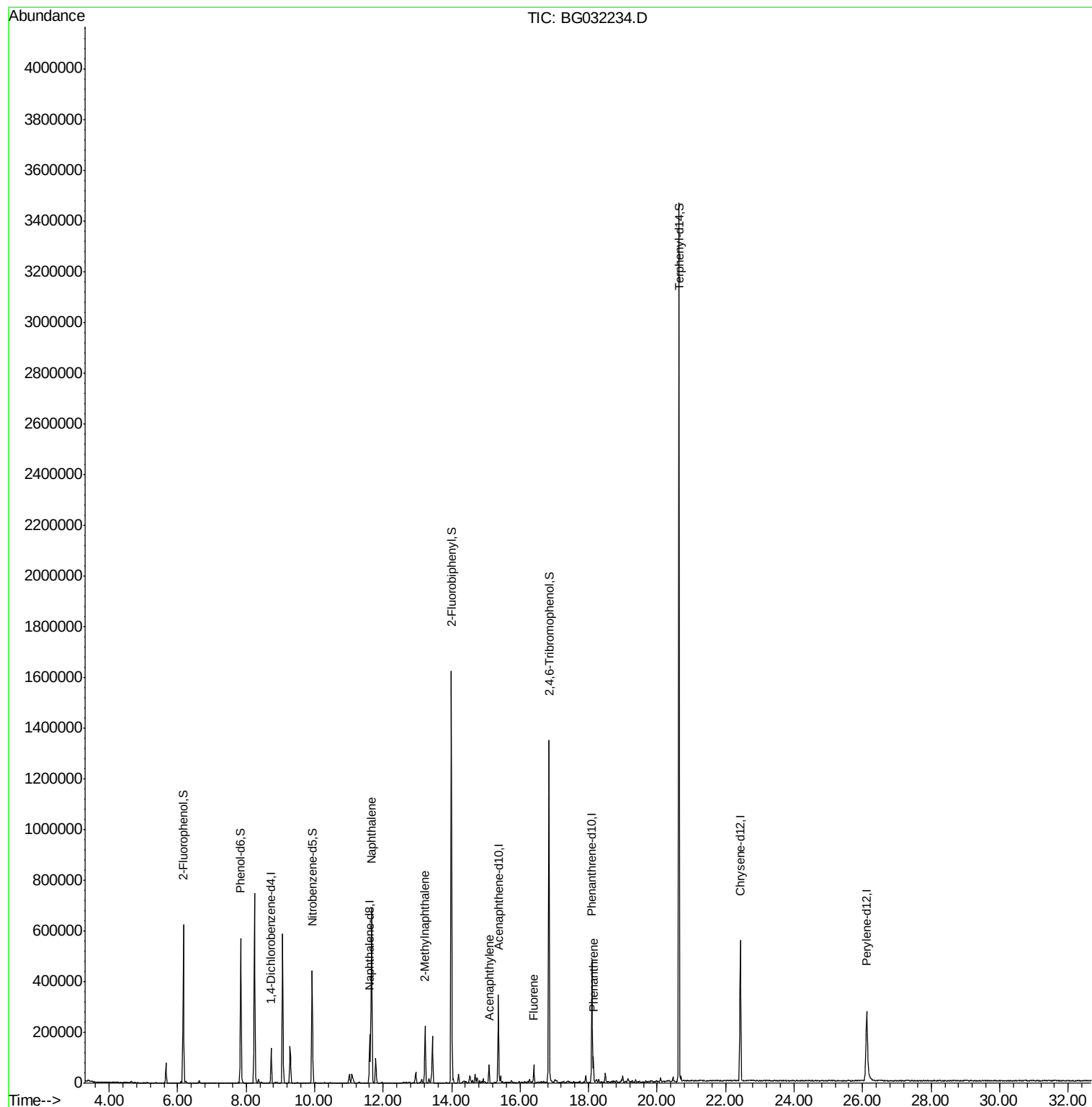
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032234.D
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Sample : J1239-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

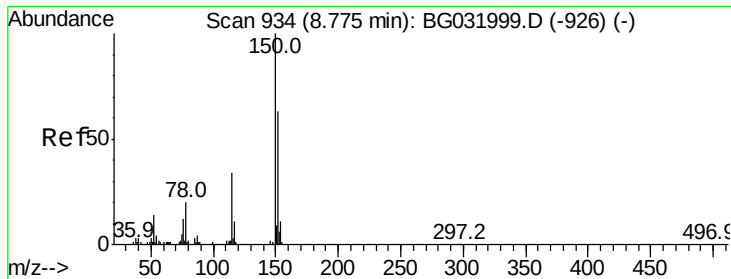
Instrument :
BNA_G
ClientSampleId :
WC-096613-01

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1/24/2018 2:49:14 PM

Quant Time: Jan 24 10:09:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

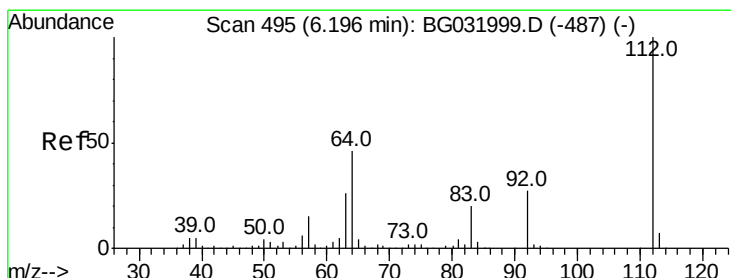
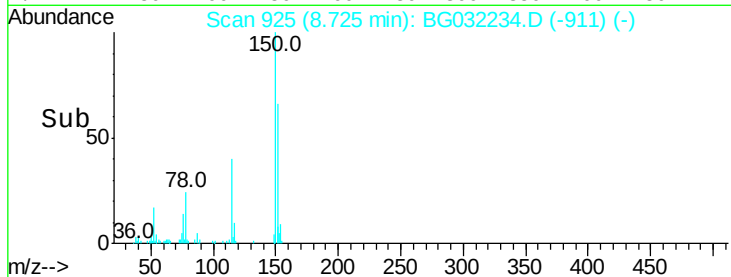
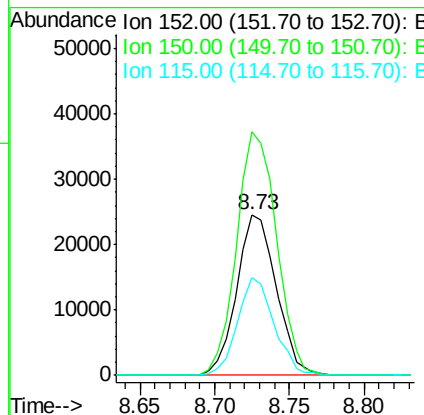
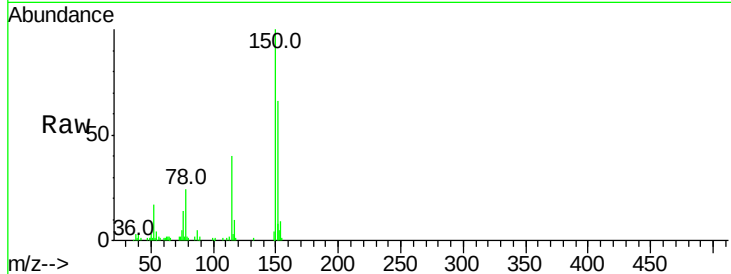
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG032234.D
Acq: 23 Jan 2018 16:38

Instrument :
BNA_G
ClientSampleId :
WC-096613-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.6	189.8
115	60.6	53.0	79.4

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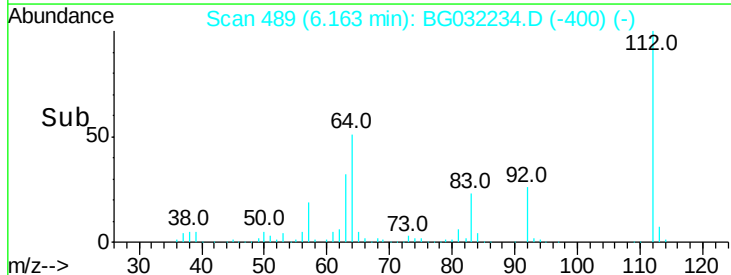
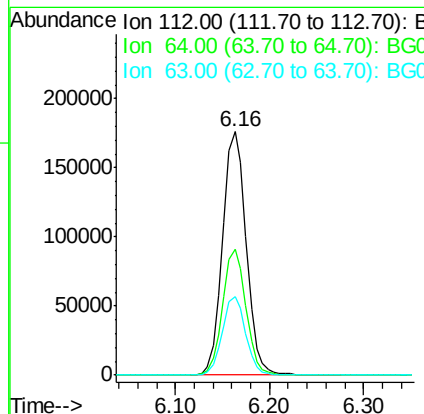
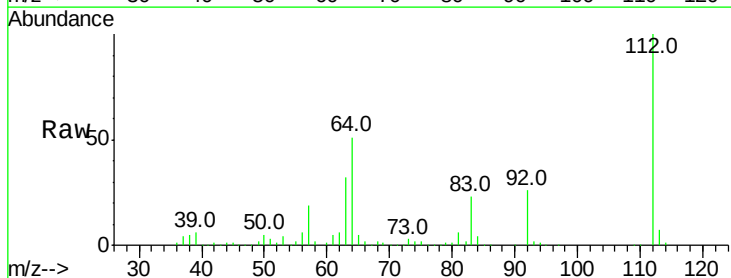
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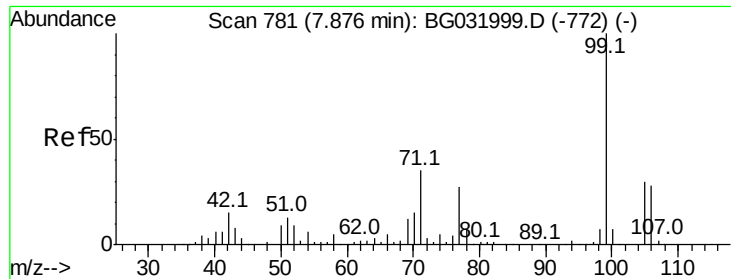


#5

2-Fluorophenol
Concen: 125.142 ng
RT: 6.16 min Scan# 489
Delta R.T. -0.01 min
Lab File: BG032234.D
Acq: 23 Jan 2018 16:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	56.3	84.5#
63	32.4	30.1	45.1





#7

Phenol-d6

Concen: 113.752 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG032234.D

Acq: 23 Jan 2018 16:38

Instrument :

BNA_G

ClientSampled :

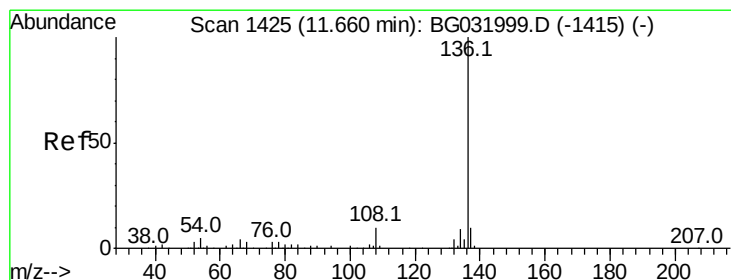
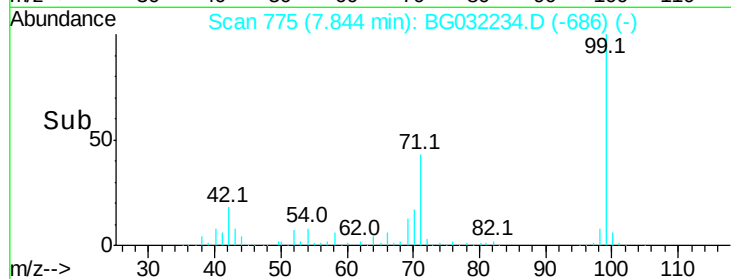
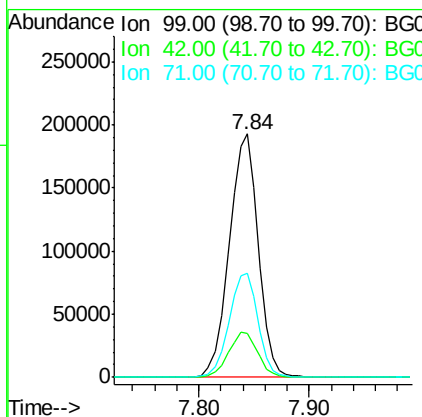
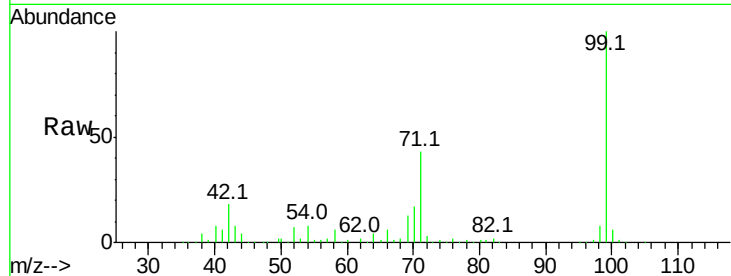
WC-096613-01

Tot Ion: 99 Resp: 353355

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	42.8	26.1	39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.61 min Scan# 1416

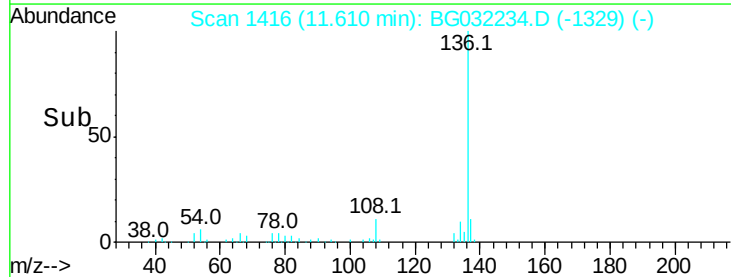
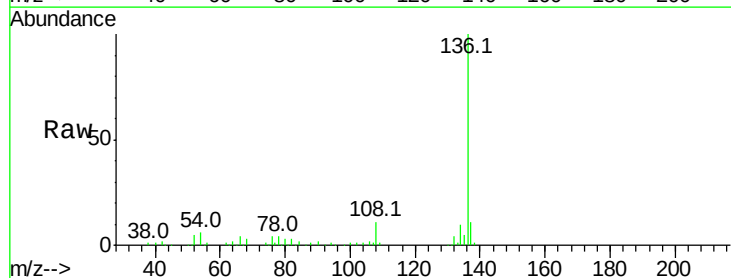
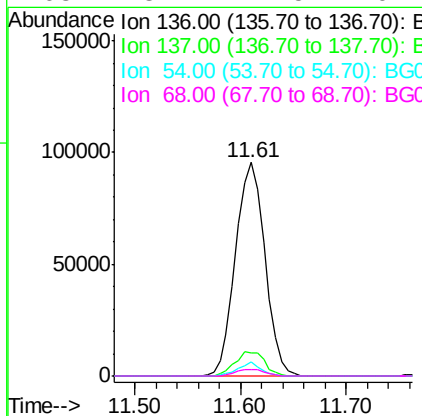
Delta R.T. -0.02 min

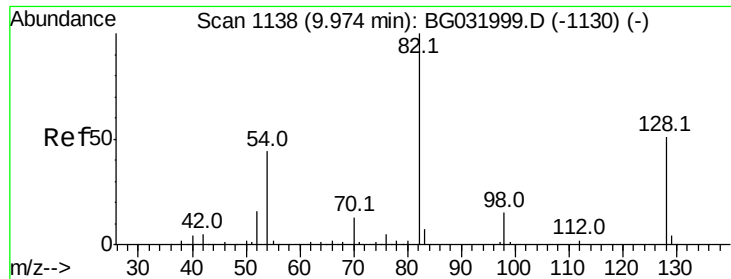
Lab File: BG032234.D

Acq: 23 Jan 2018 16:38

Tgt Ion: 136 Resp: 184256

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.4	10.3	15.5#
68	3.1	4.5	6.7#





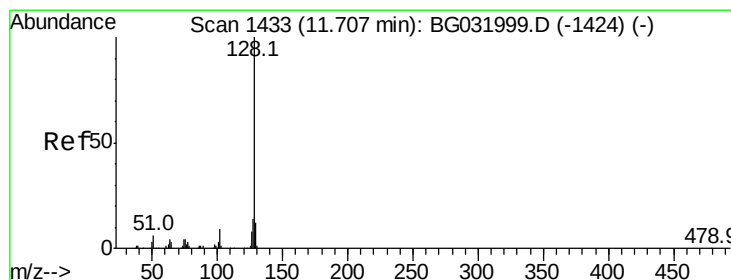
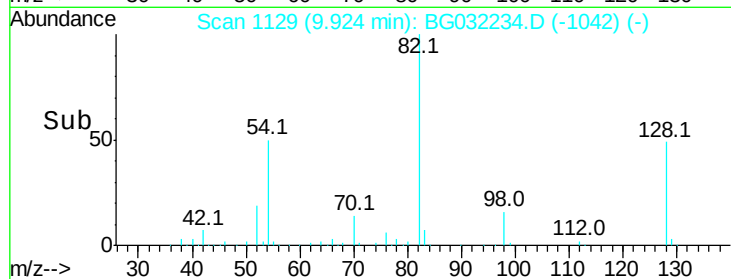
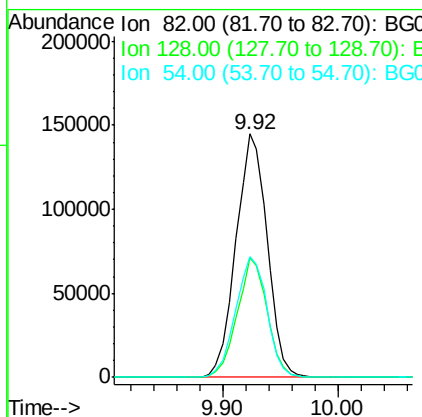
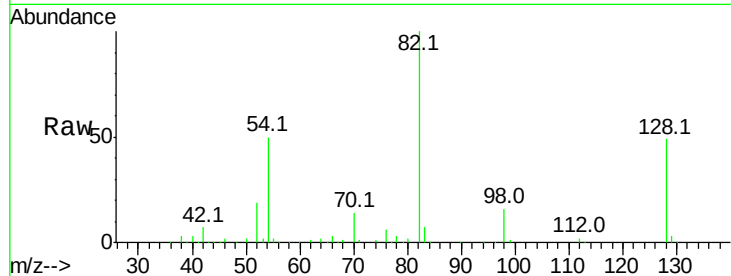
#23
Nitrobenzene-d5
Concen: 99.755 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BG032234.D
Acq: 23 Jan 2018 16:38

Instrument :
BNA_G
ClientSampleId :
WC-096613-01

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.9	29.7	44.5	
54	49.7	43.1	64.7	

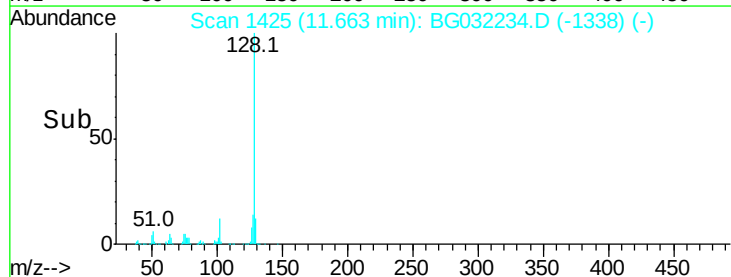
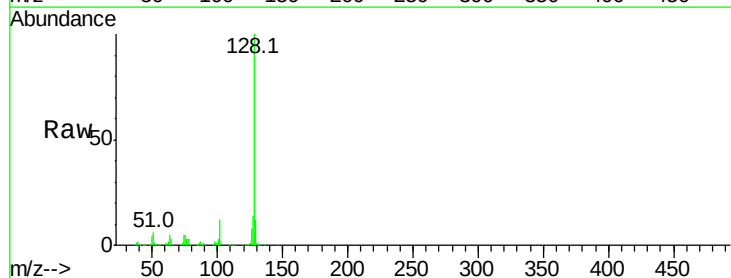
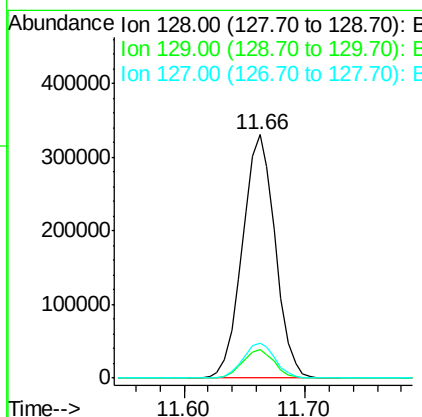
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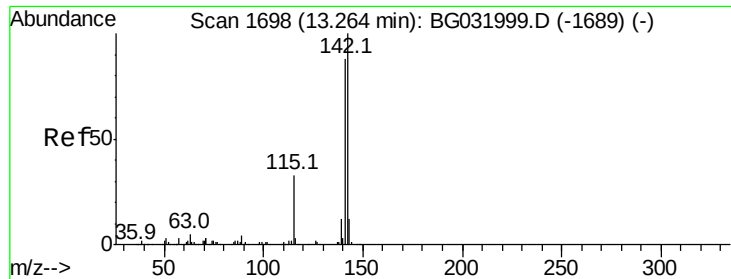
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#31
Naphthalene
Concen: 68.324 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BG032234.D
Acq: 23 Jan 2018 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	8.6	12.8	
127	14.5	11.6	17.4	





#37

2-Methylnaphthalene

Concen: 14.663 ng

RT: 13.23 min Scan# 1691

Delta R.T. -0.02 min

Lab File: BG032234.D

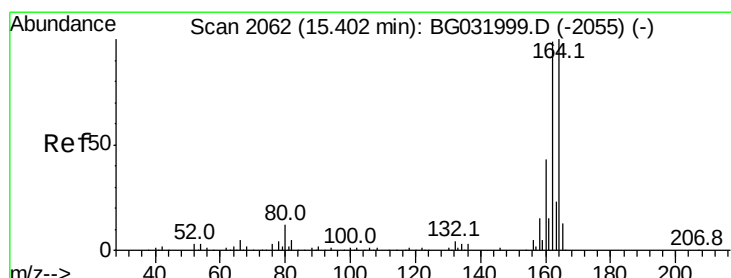
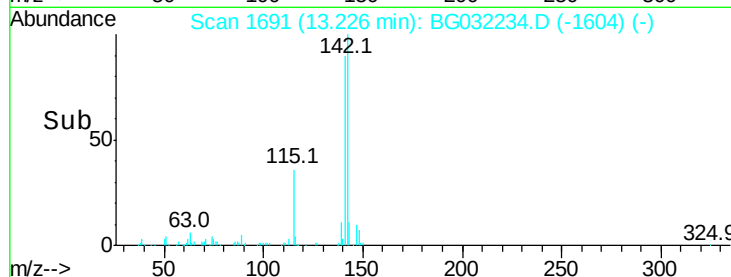
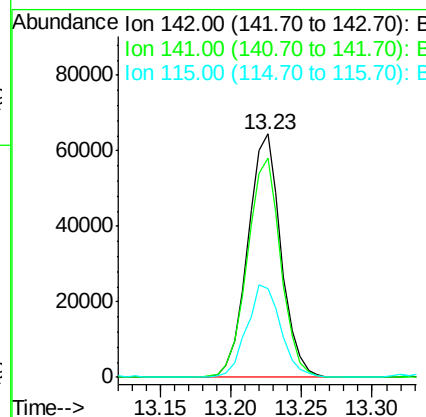
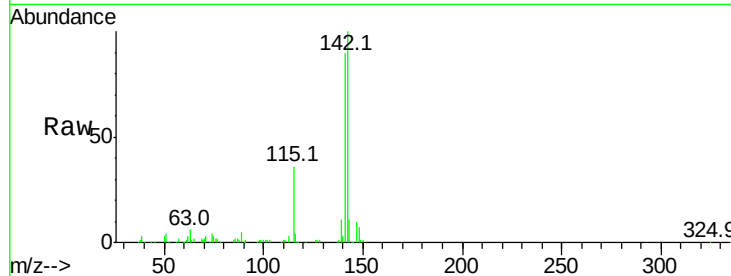
Acq: 23 Jan 2018 16:38

Instrument :
BNA_G
ClientSampleId :
WC-096613-01

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	67.1	100.7
115	36.2	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

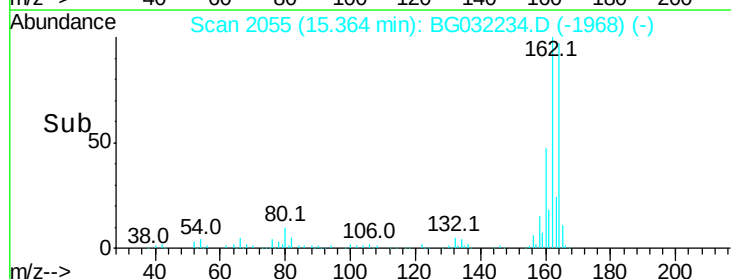
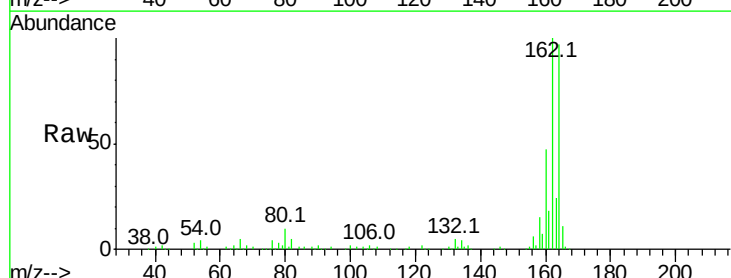
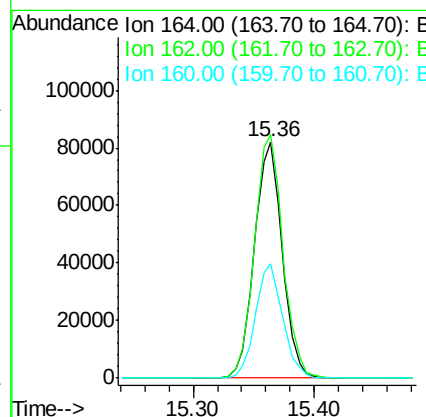
RT: 15.36 min Scan# 2055

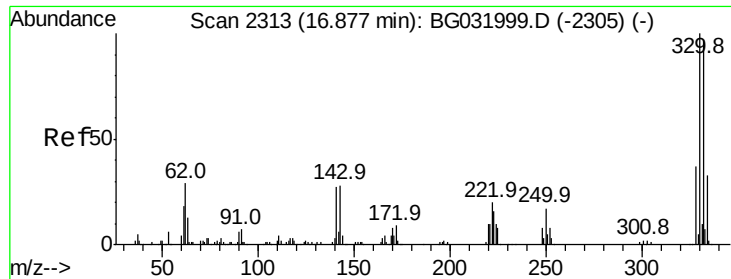
Delta R.T. -0.02 min

Lab File: BG032234.D

Acq: 23 Jan 2018 16:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	48.4	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 142.848 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.02 min

Lab File: BG032234.D

Acq: 23 Jan 2018 16:38

Instrument :

BNA_G

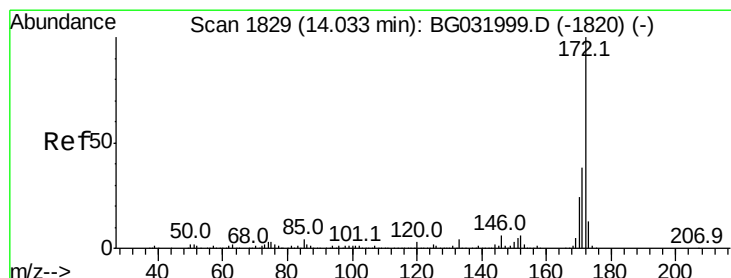
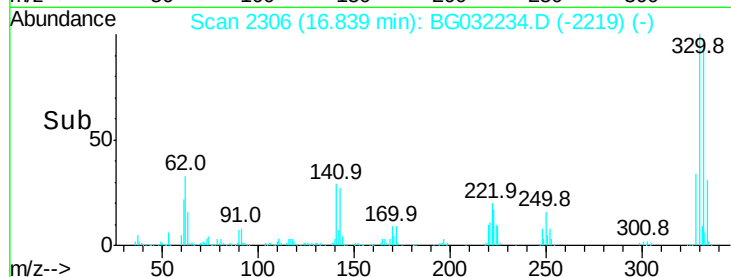
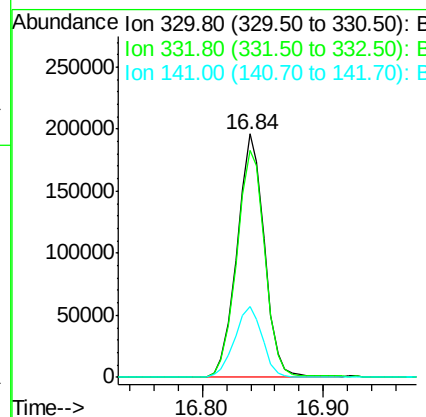
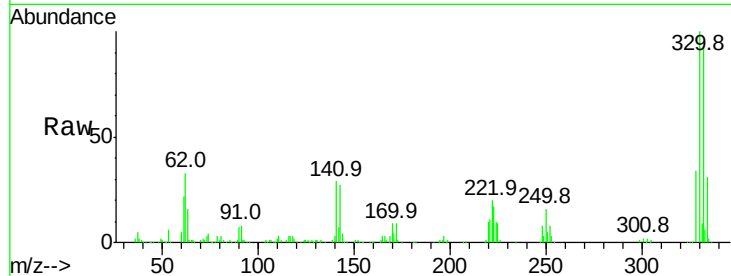
ClientSampleId :

WC-096613-01

Tot Ion:	330	Resp:	309394
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	29.7	25.2	37.8

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#44

2-Fluorobiphenyl

Concen: 92.382 ng

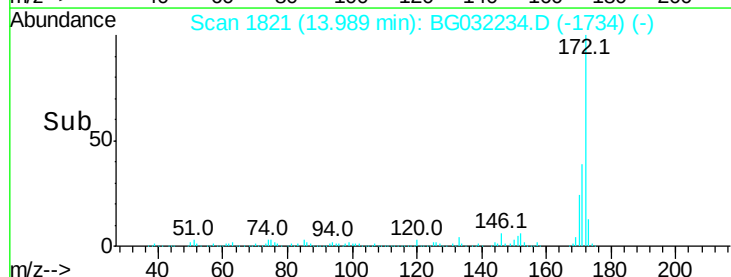
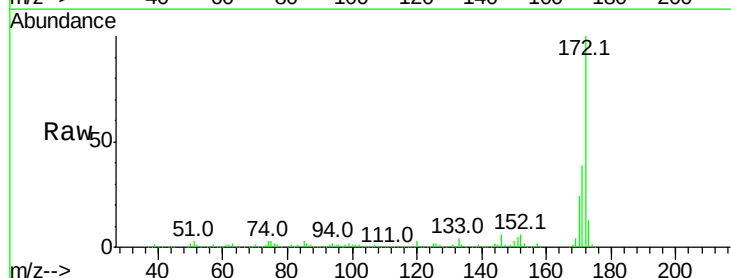
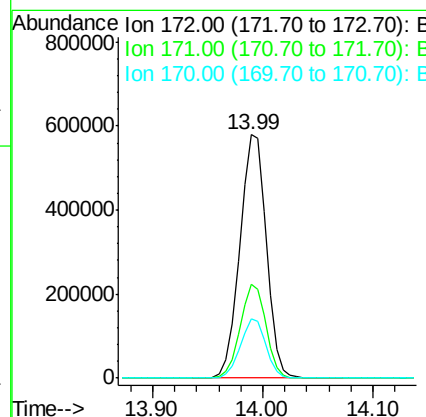
RT: 13.99 min Scan# 1821

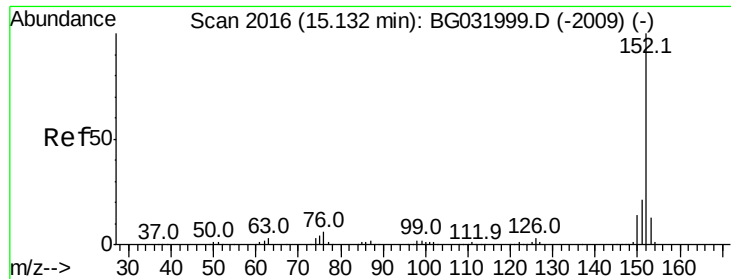
Delta R.T. -0.02 min

Lab File: BG032234.D

Acq: 23 Jan 2018 16:38

Tgt Ion:	172	Resp:	975175
Ion Ratio	Lower	Upper	
172	100		
171	38.8	30.0	45.0
170	24.2	19.5	29.3





#48

Acenaphthylene

Concen: 3.772 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG032234.D

Acq: 23 Jan 2018 16:38

Instrument :

BNA_G

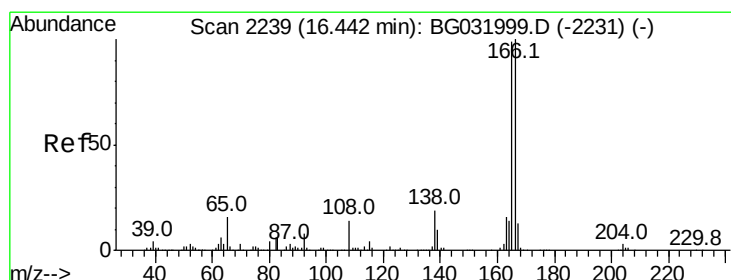
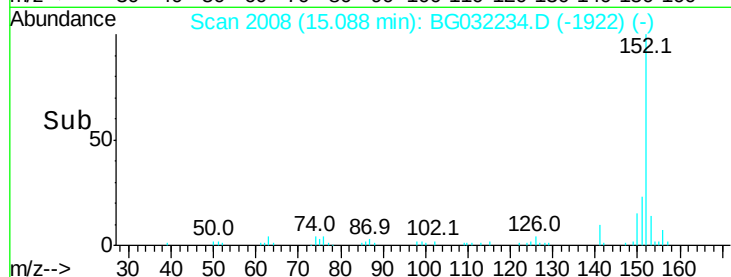
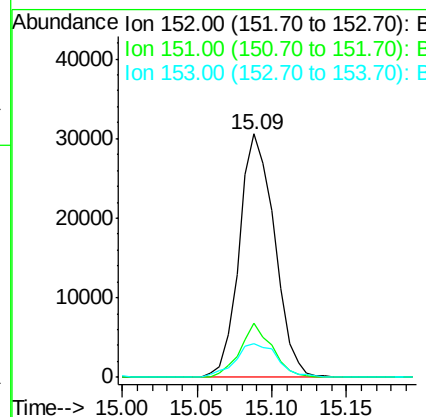
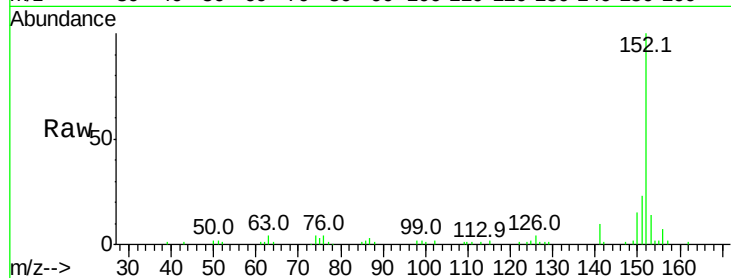
ClientSampleId :

WC-096613-01

Tot Ion:	152	Resp:	50141
Ion Ratio	Lower	Upper	
152	100		
151	22.5	17.2	25.8
153	14.0	10.2	15.4

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#57

Fluorene

Concen: 3.081 ng m

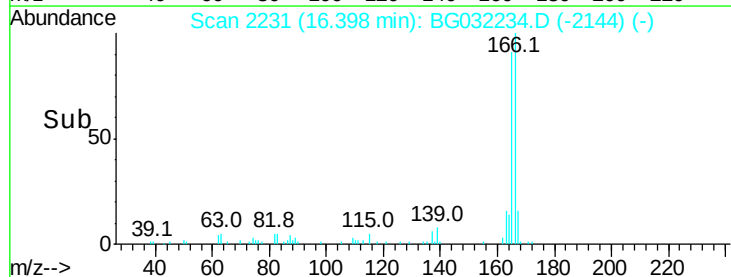
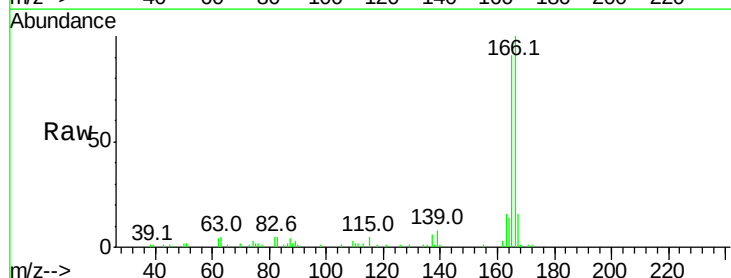
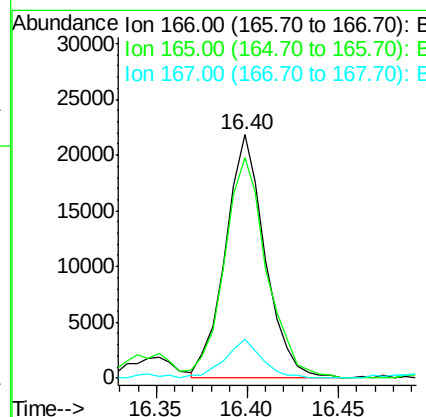
RT: 16.40 min Scan# 2231

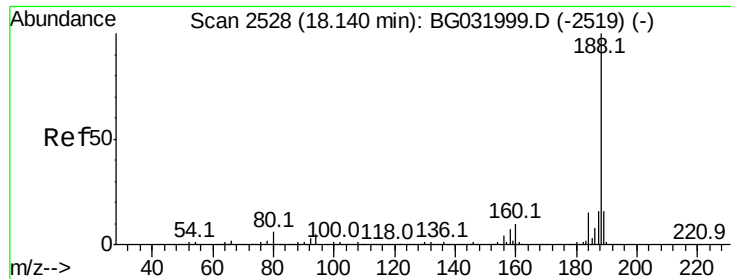
Delta R.T. -0.02 min

Lab File: BG032234.D

Acq: 23 Jan 2018 16:38

Tgt Ion:	166	Resp:	33128
Ion Ratio	Lower	Upper	
166	100		
165	90.7	80.6	121.0
167	16.2	10.4	15.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.10 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BG032234.D

Acq: 23 Jan 2018 16:38

Instrument :

BNA_G

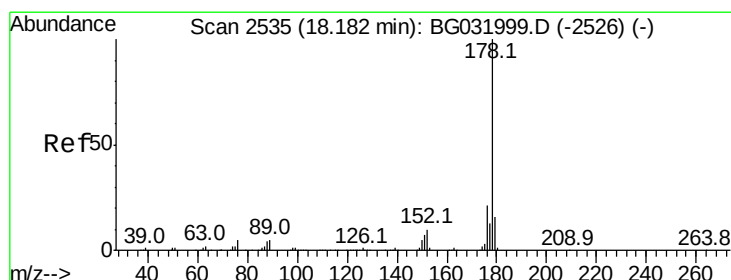
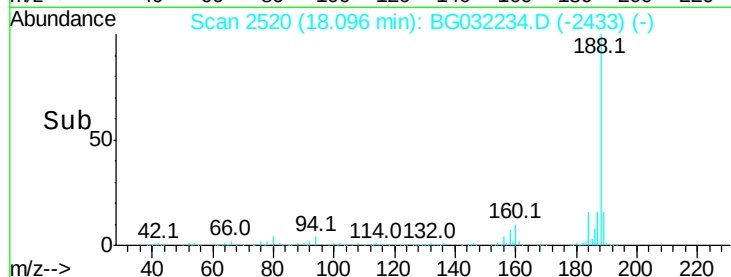
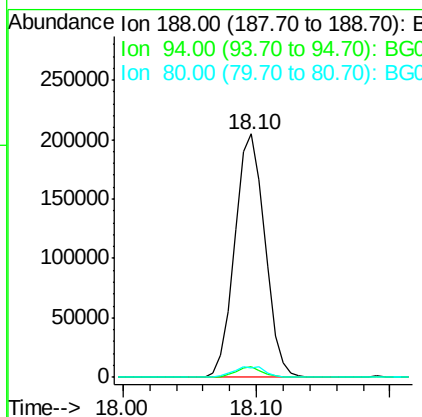
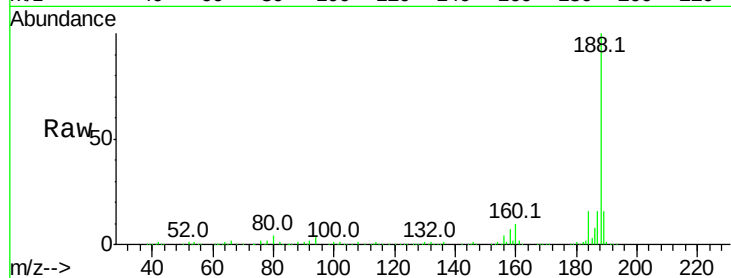
ClientSampleId :

WC-096613-01

Tot Ion:	188	Resp:	321209
Ion Ratio	Lower	Upper	
188	100		
94	4.2	6.9	10.3#
80	3.7	7.7	11.5#

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#70

Phenanthrene

Concen: 3.890 ng

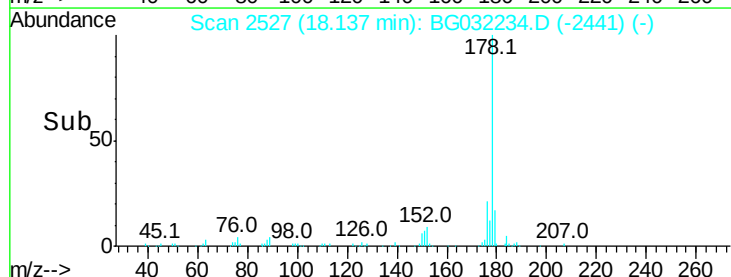
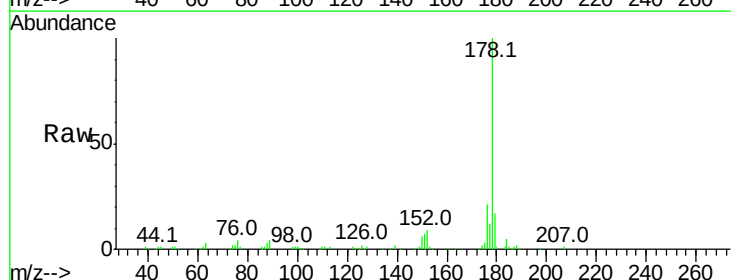
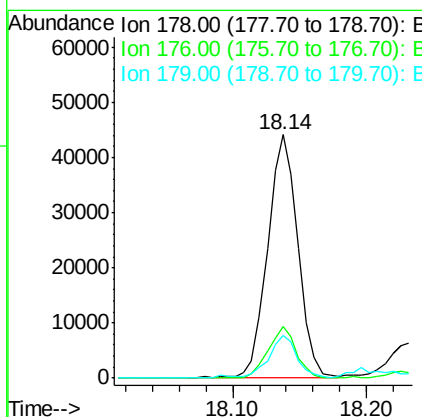
RT: 18.14 min Scan# 2527

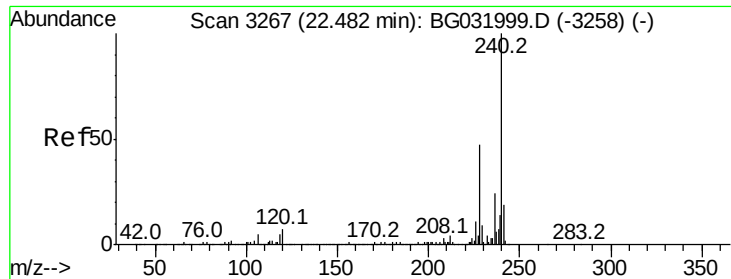
Delta R.T. -0.02 min

Lab File: BG032234.D

Acq: 23 Jan 2018 16:38

Tgt Ion:	178	Resp:	69560
Ion Ratio	Lower	Upper	
178	100		
176	21.3	15.7	23.5
179	17.4	12.5	18.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.43 min Scan# 3257

Delta R.T. -0.02 min

Lab File: BG032234.D

Acq: 23 Jan 2018 16:38

Instrument :

BNA_G

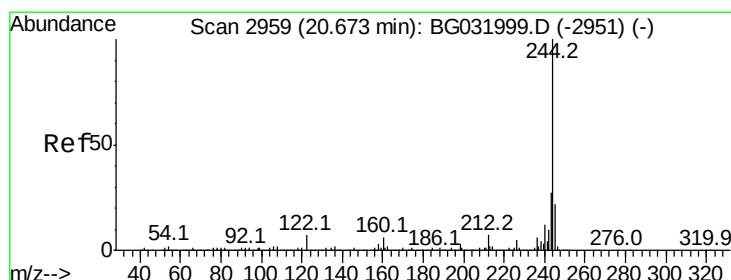
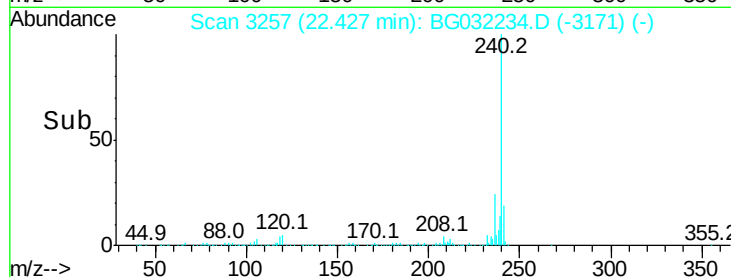
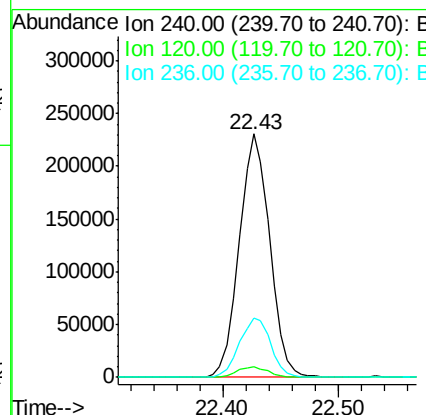
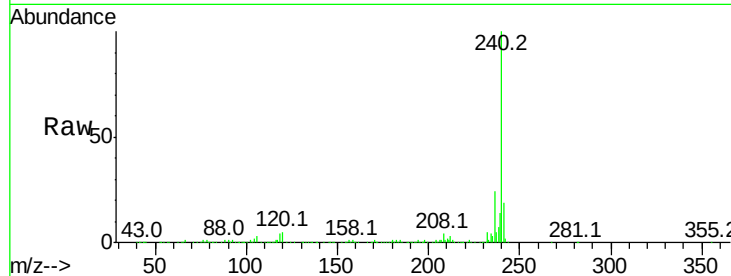
ClientSampleId :

WC-096613-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	24.4	20.9	31.3

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:14 PM



#78

Terphenyl-d14

Concen: 94.150 ng

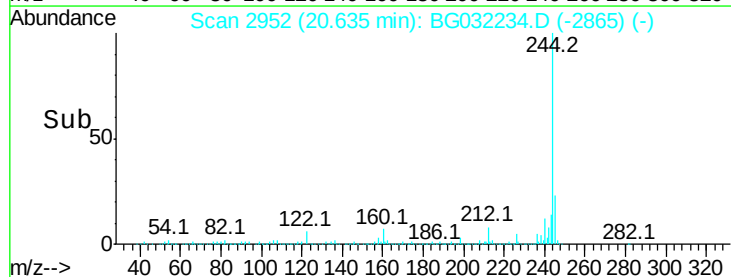
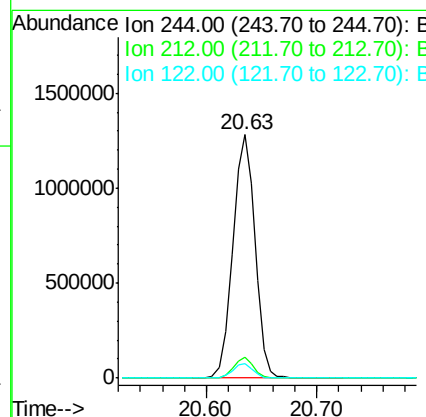
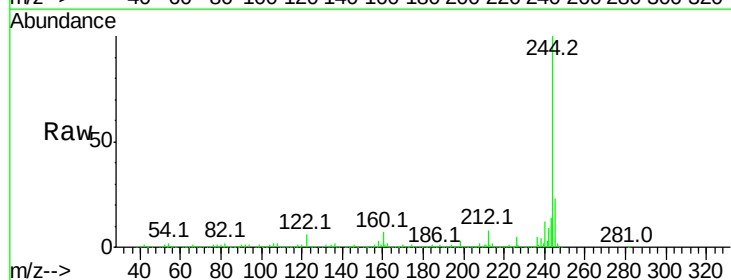
RT: 20.63 min Scan# 2952

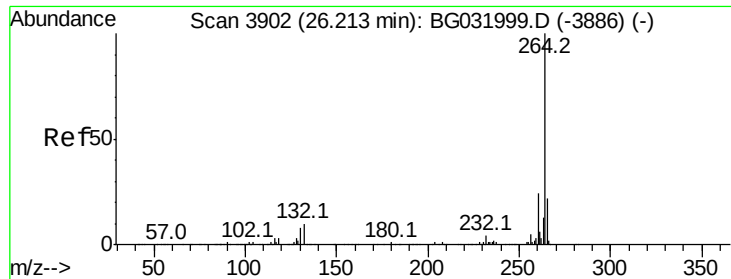
Delta R.T. -0.02 min

Lab File: BG032234.D

Acq: 23 Jan 2018 16:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	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. -0.03 min
Lab File: BG032234.D
Acq: 23 Jan 2018 16:38

Instrument :
BNA_G
ClientSampleId :
WC-096613-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.1	17.7	26.5

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:14 PM

