

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
 Data File : BG039217.D
 Acq On : 18 Jan 2019 15:55
 Operator : JU/SJ
 Sample : K1157-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-06-011519

Manual Integrations
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 1/21/2019 12:11:35 PM

Quant Time: Jan 18 22:04:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	19069	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	81698	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	53047	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	109992	20.00	ng	0.00
76) Chrysene-d12	21.67	240	113959	20.00	ng	-0.02
87) Perylene-d12	24.93	264	135479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	178002	177.08	ng	0.00
7) Phenol-d6	7.18	99	238567	164.91	ng	0.00
23) Nitrobenzene-d5	9.19	82	143169	95.89	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	121748	136.92	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	439018	113.26	ng	0.00
79) Terphenyl-d14	20.00	244	559048	90.75	ng	0.00
Target Compounds						
10) Phenol	7.19	94	3789	2.612	ng	Qvalue # 41
50) Dimethylphthalate	14.10	163	33155	7.396	ng	98
71) Phenanthrene	17.44	178	17986	3.094	ng	96
75) Fluoranthene	19.45	202	39416	5.469	ng	98
78) Pyrene	19.81	202	38419	5.290	ng	98
81) Benzo(a)anthracene	21.65	228	19807	2.855	ng	98
83) Chrysene	21.72	228	21011	3.184	ng	95
88) Benzo(b)fluoranthene	23.90	252	27214m	3.643	ng	
90) Benzo(a)pyrene	24.77	252	20414	2.827	ng	# 98

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

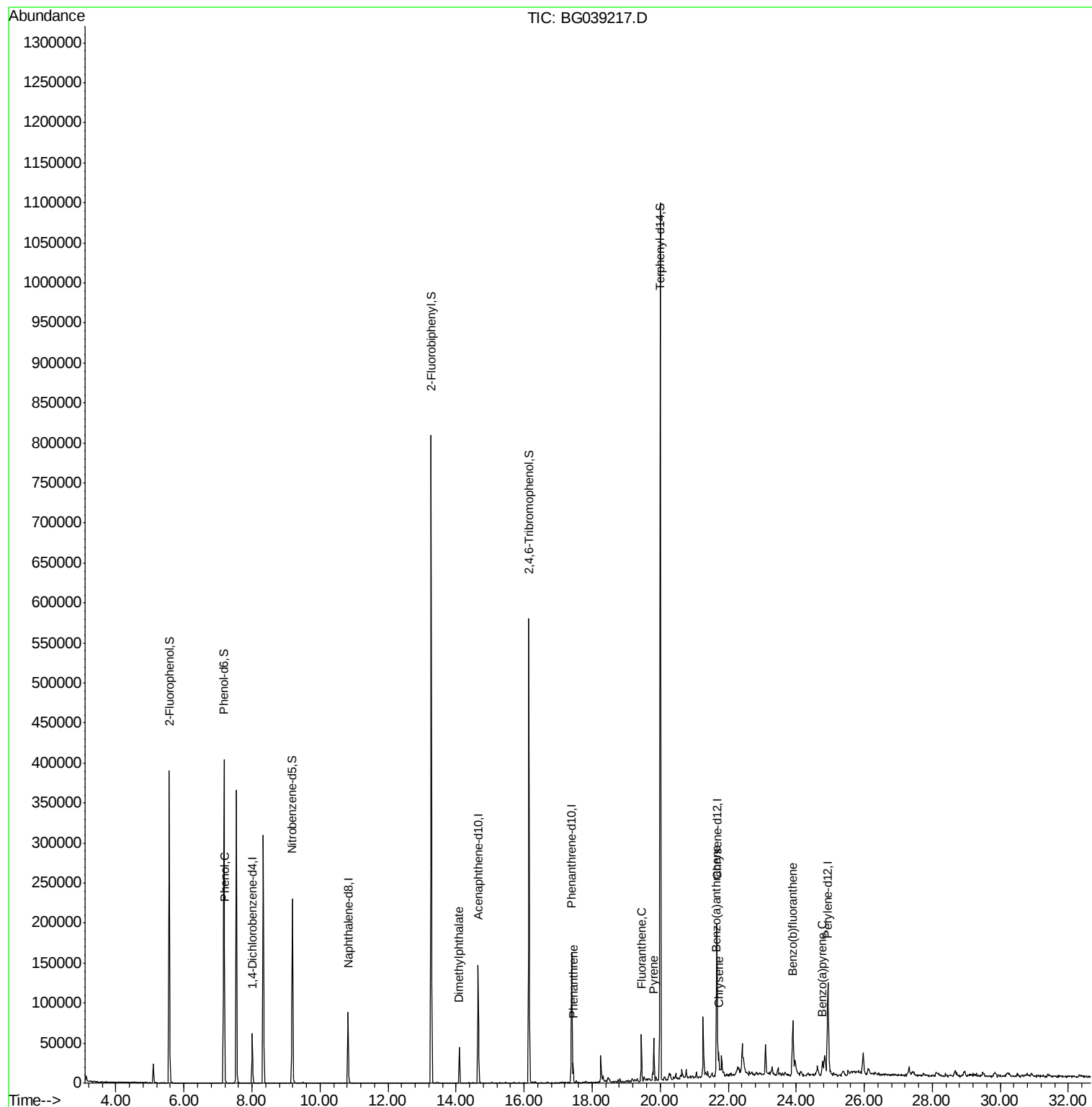
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
Data File : BG039217.D
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Operator : JU/SJ
Sample : K1157-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

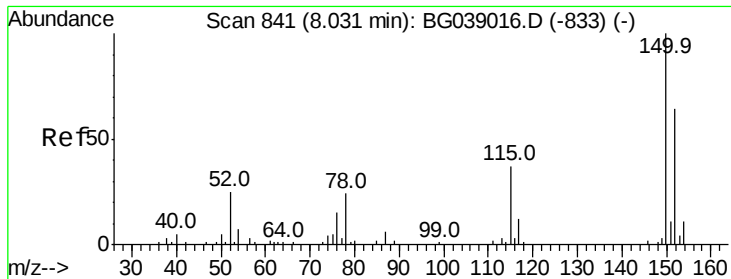
Instrument :
BNA_G
ClientSampleId :
WC-06-011519

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Quant Time: Jan 18 22:04:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration





#1

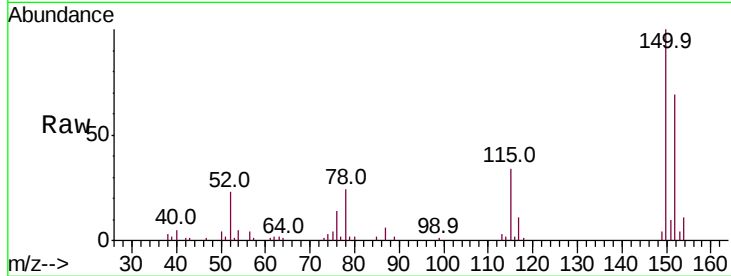
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039217.D
Acq: 18 Jan 2019 15:55

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	124.7	187.1
115	49.6	46.5	69.7

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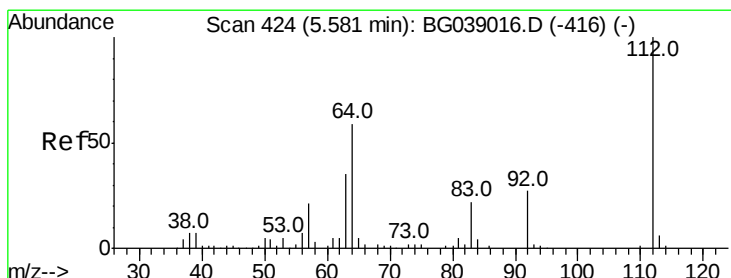
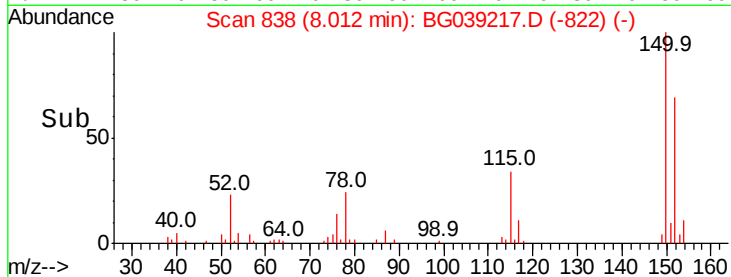
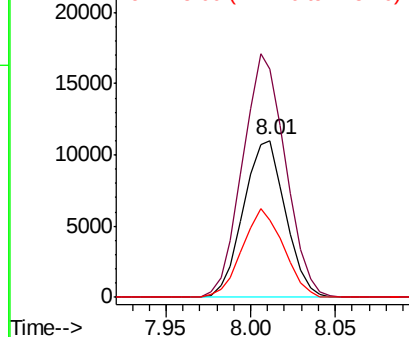


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

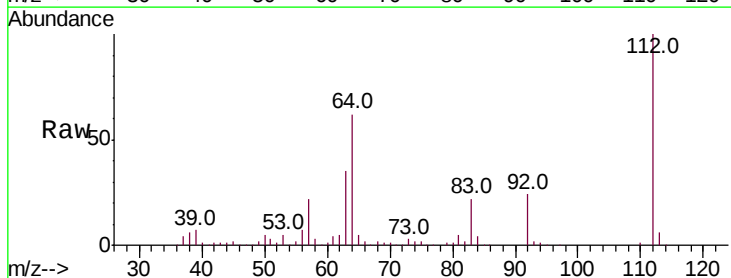
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 177.076 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039217.D
Acq: 18 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.0	70.6
63	34.8	28.0	42.0

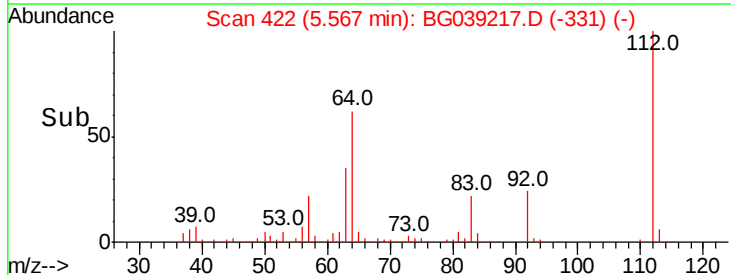
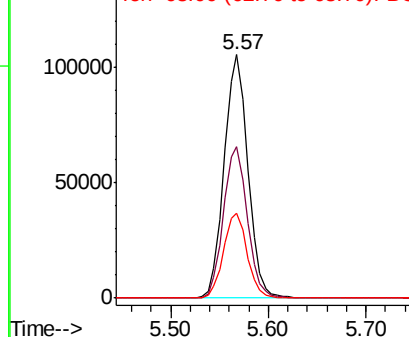


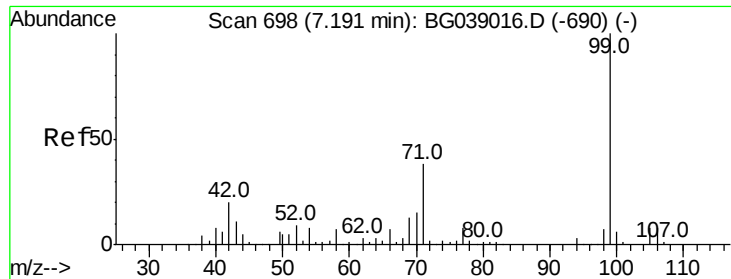
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 164.909 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039217.D

Acq: 18 Jan 2019 15:55

Instrument :

BNA_G

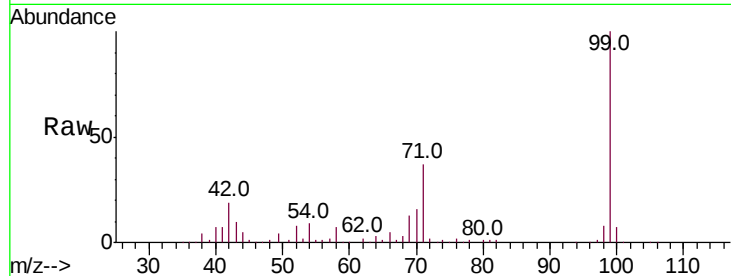
ClientSampleId :

WC-06-011519

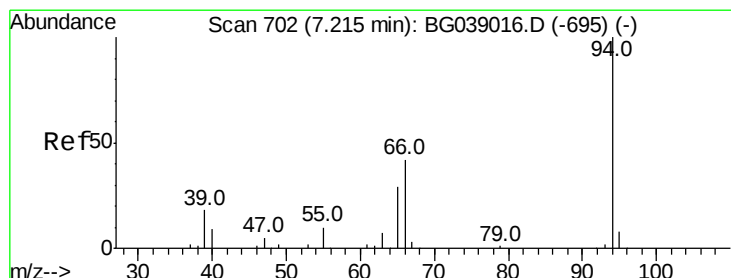
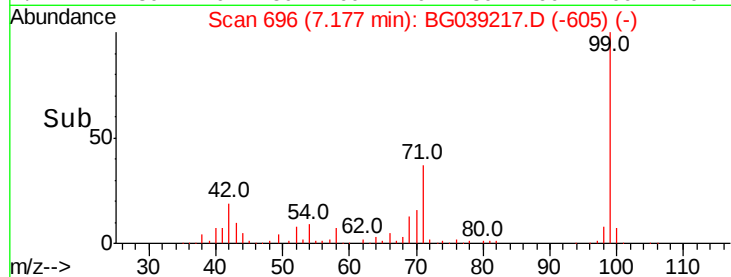
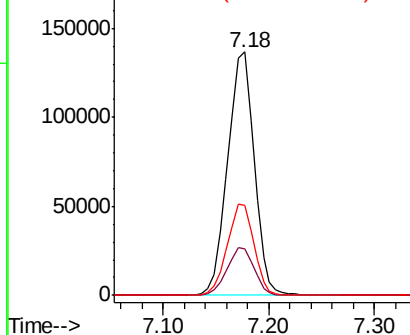
Tot Ion	Ratio	Resp	Lower	Upper
99	100	238567		
42	18.9	15.8	23.6	
71	36.9	30.2	45.4	

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.612 ng

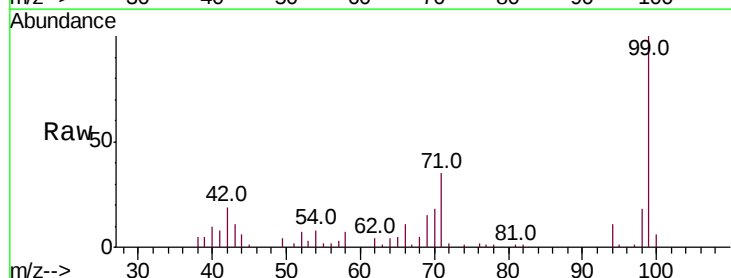
RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

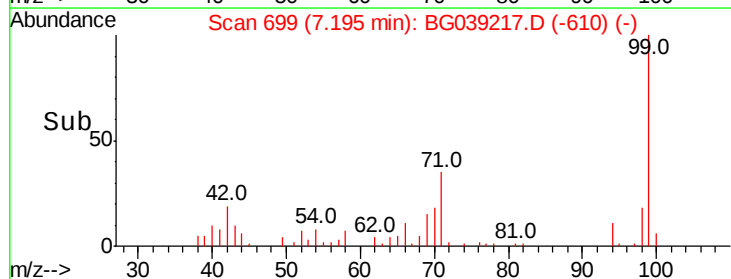
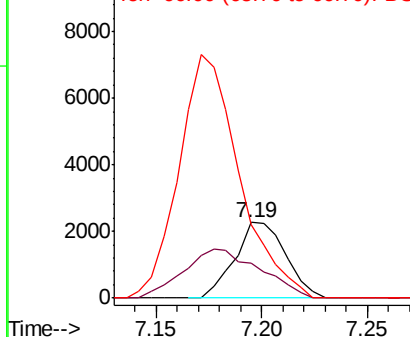
Lab File: BG039217.D

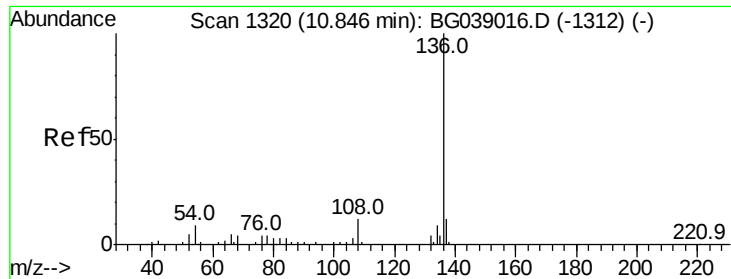
Acq: 18 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	3789		
65	46.1	10.3	50.3	
66	97.1	25.1	65.1#	



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





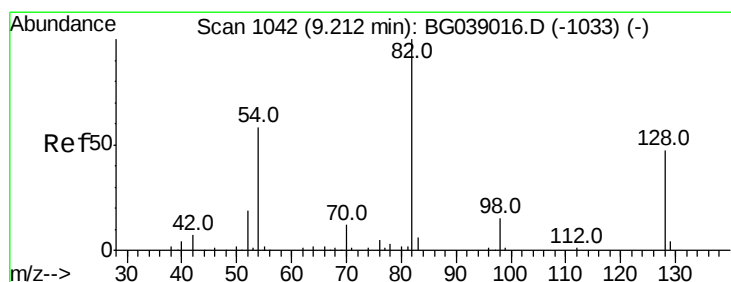
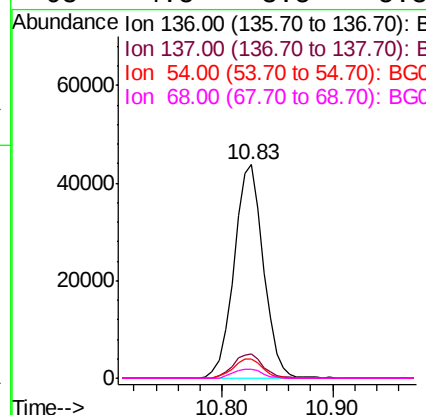
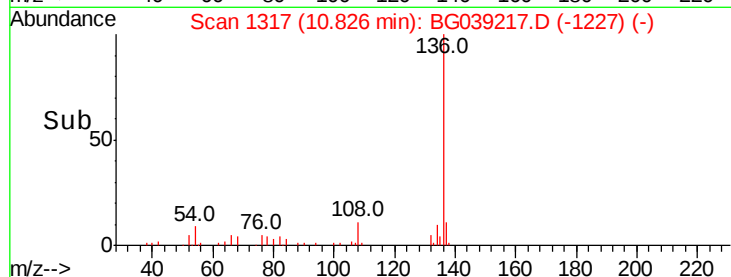
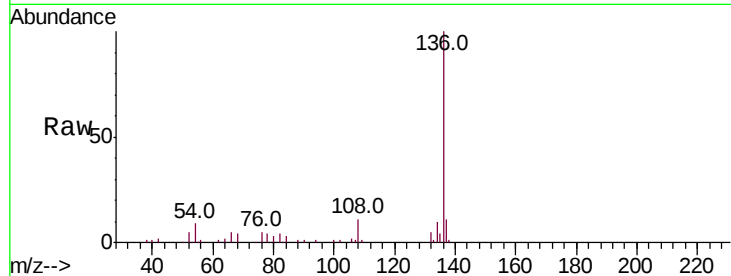
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039217.D
Acq: 18 Jan 2019 15:55

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tot Ion	Ratio	Resp	Lower	Upper
136	100	81698		
137	11.2		9.4	14.2
54	8.8		7.2	10.8
68	4.5		3.5	5.3

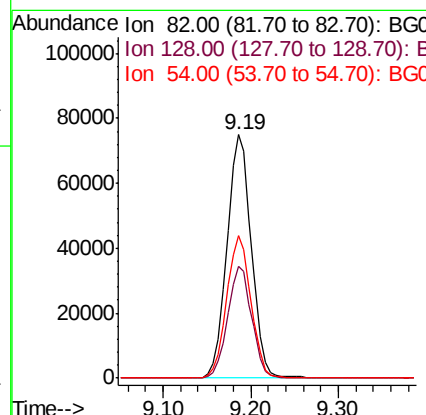
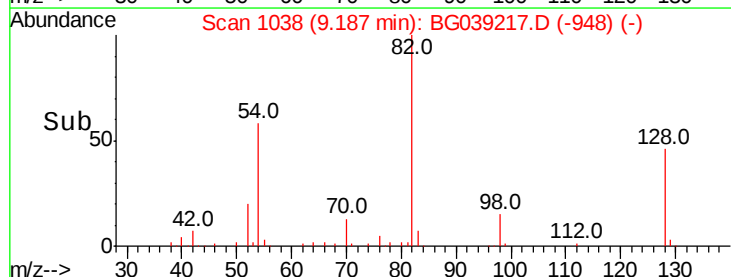
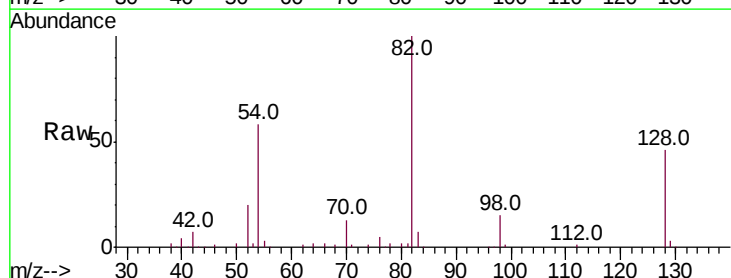
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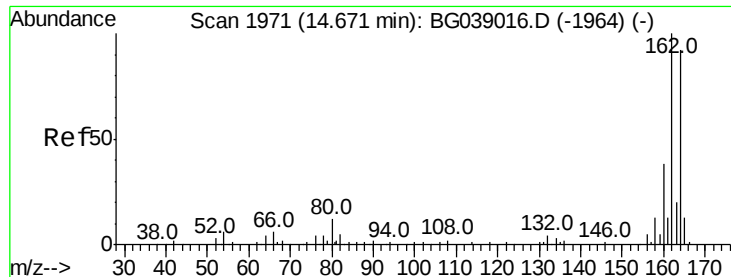
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#23
Nitrobenzene-d5
Concen: 95.891 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039217.D
Acq: 18 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	143169		
128	45.8		37.3	55.9
54	58.3		46.4	69.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039217.D

Acq: 18 Jan 2019 15:55

Instrument :

BNA_G

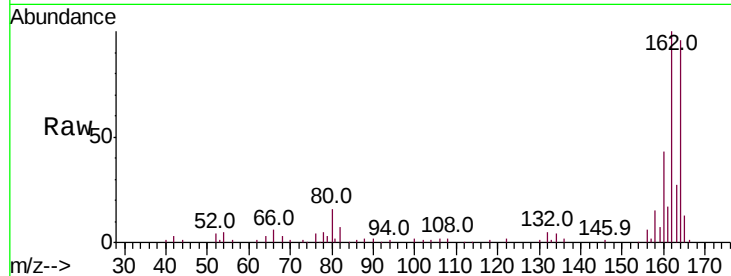
ClientSampleId :

WC-06-011519

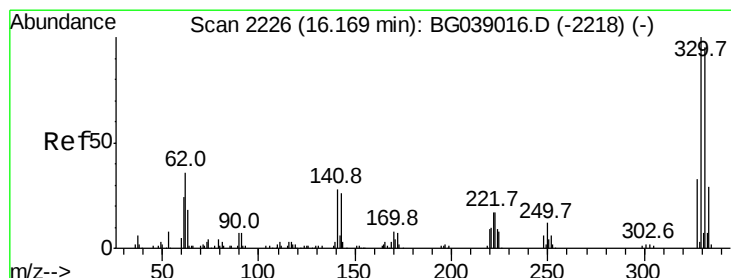
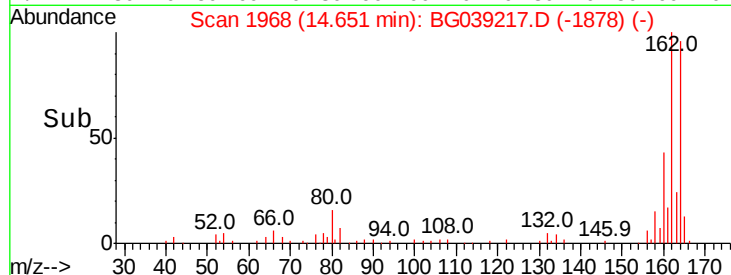
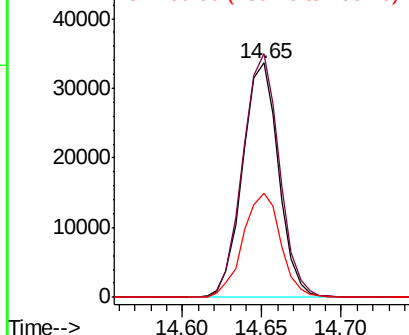
Tot Ion:	164	Resp:	53047
Ion Ratio	Lower	Upper	
164	100		
162	104.0	87.2	130.8
160	44.6	33.3	49.9

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 136.916 ng

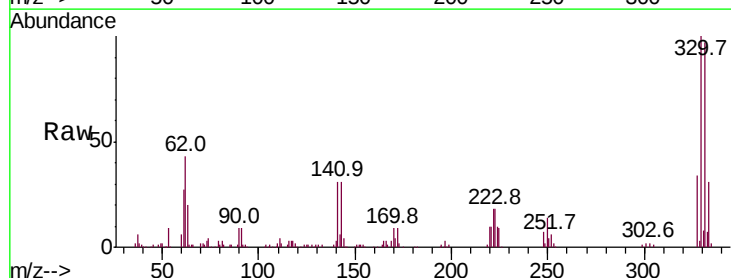
RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

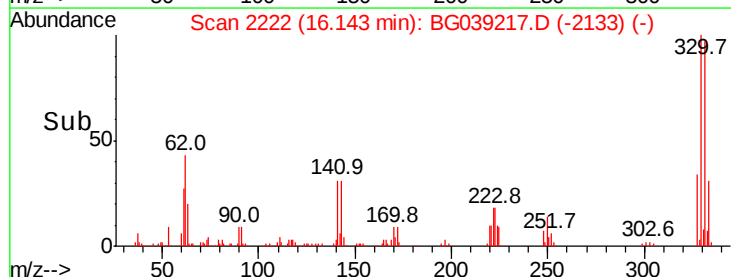
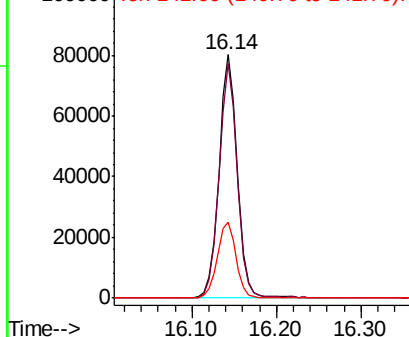
Lab File: BG039217.D

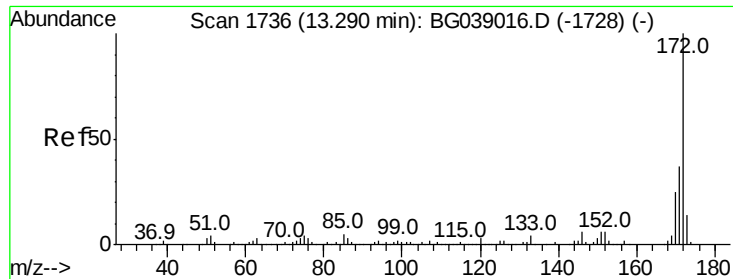
Acq: 18 Jan 2019 15:55

Tgt Ion:	330	Resp:	121748
Ion Ratio	Lower	Upper	
330	100		
332	94.6	75.7	113.5
141	32.0	24.9	37.3



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





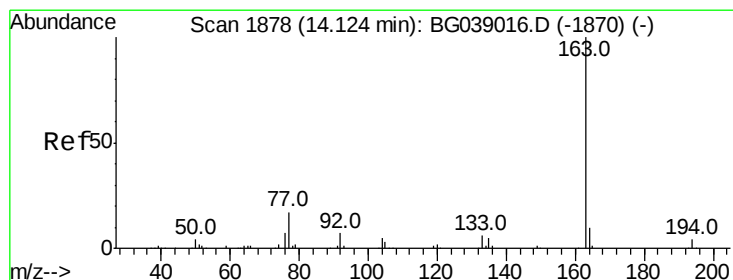
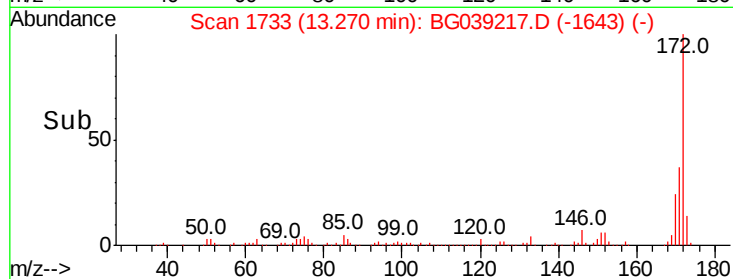
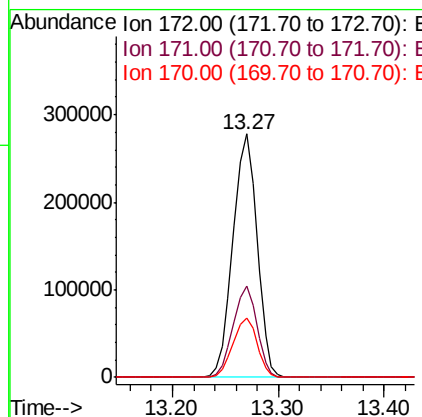
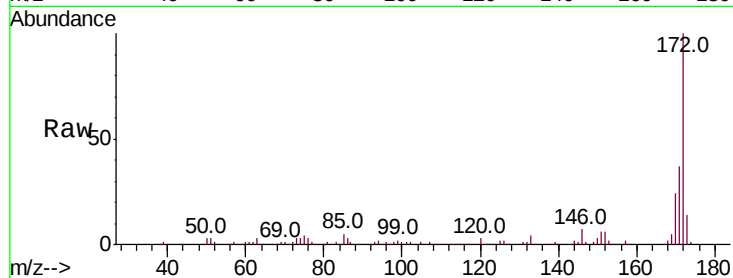
#45
 2-Fluorobiphenyl
 Concen: 113.263 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG039217.D
 Acq: 18 Jan 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 WC-06-011519

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	37.4	29.4	44.0
170	24.2	20.1	30.1

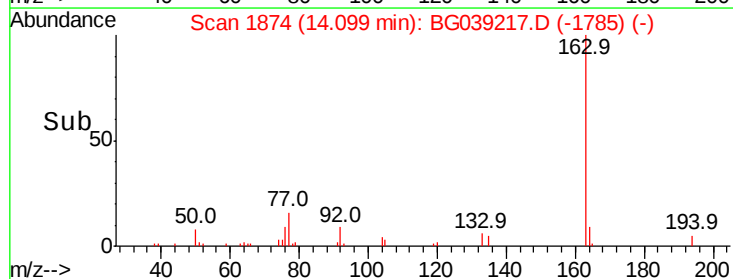
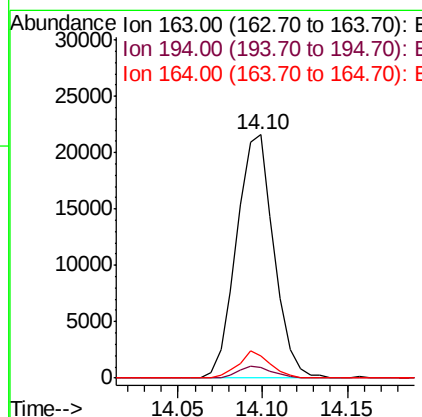
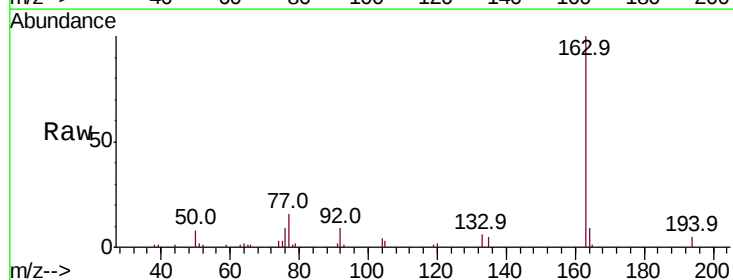
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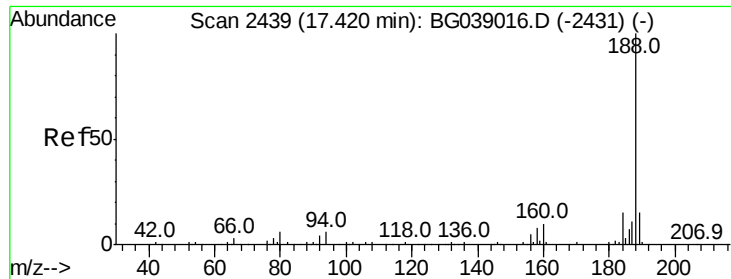
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#50
 Dimethylphthalate
 Concen: 7.396 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG039217.D
 Acq: 18 Jan 2019 15:55

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.1	8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039217.D

Acq: 18 Jan 2019 15:55

Instrument :

BNA_G

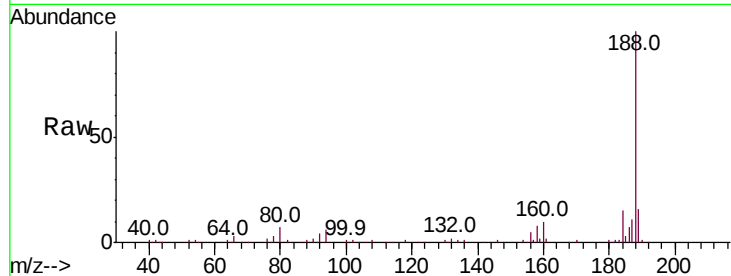
ClientSampleId :

WC-06-011519

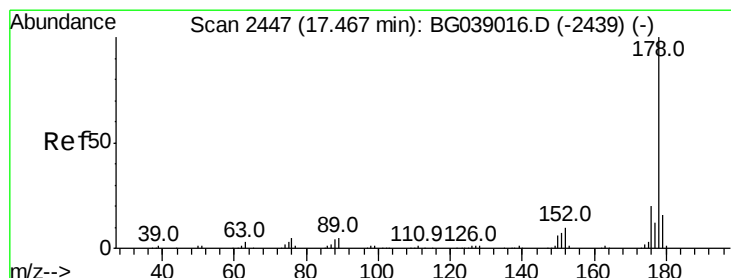
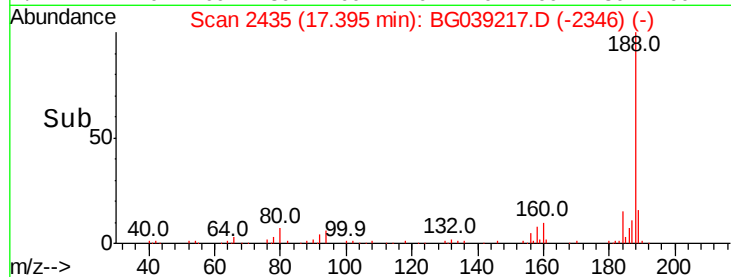
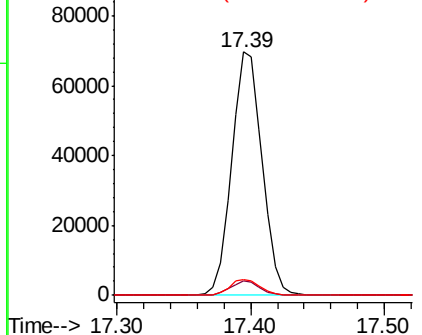
Tot Ion:	188	Resp:	109992
Ion Ratio	Lower	Upper	
188	100		
94	5.9	5.0	7.4
80	6.5	4.7	7.1

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO



#71

Phenanthrene

Concen: 3.094 ng

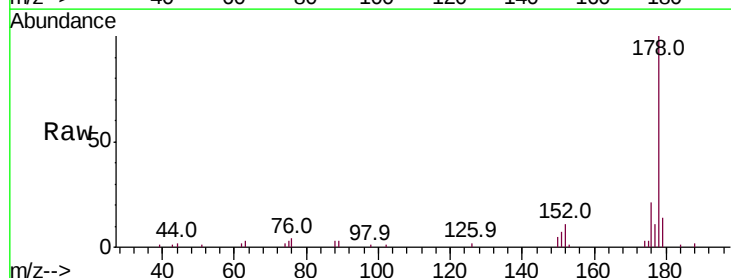
RT: 17.44 min Scan# 2443

Delta R.T. -0.01 min

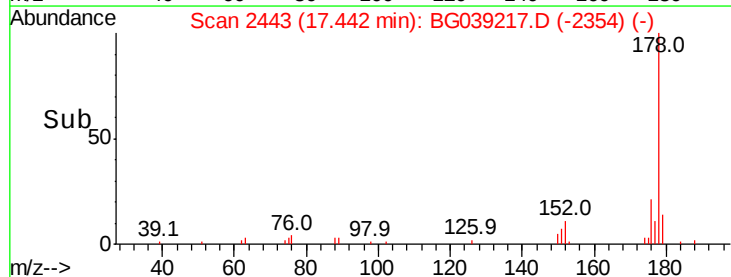
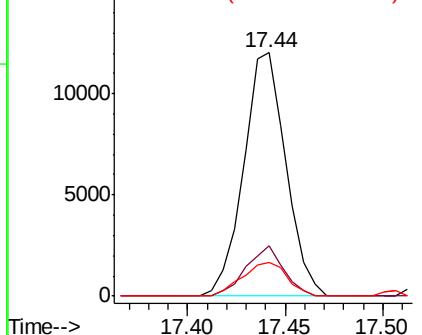
Lab File: BG039217.D

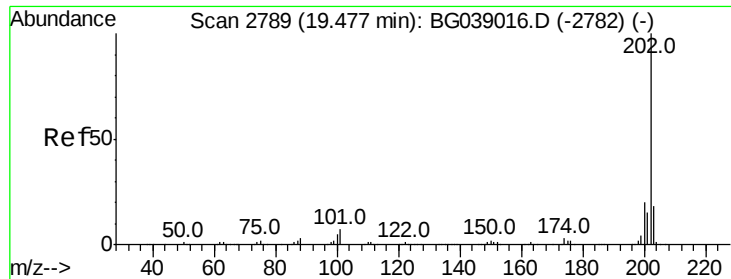
Acq: 18 Jan 2019 15:55

Tgt Ion:	178	Resp:	17986
Ion Ratio	Lower	Upper	
178	100		
176	20.7	15.7	23.5
179	14.0	12.9	19.3



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

Fluoranthene

Concen: 5.469 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG039217.D

Acq: 18 Jan 2019 15:55

Instrument :

BNA_G

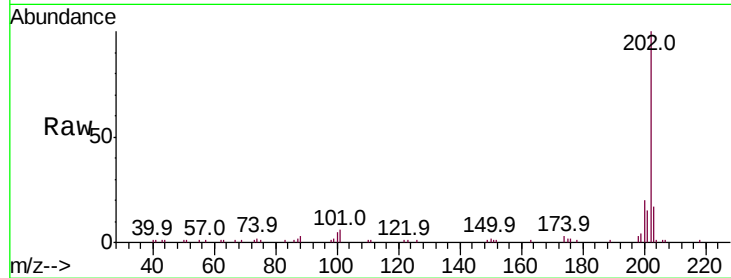
ClientSampleId :

WC-06-011519

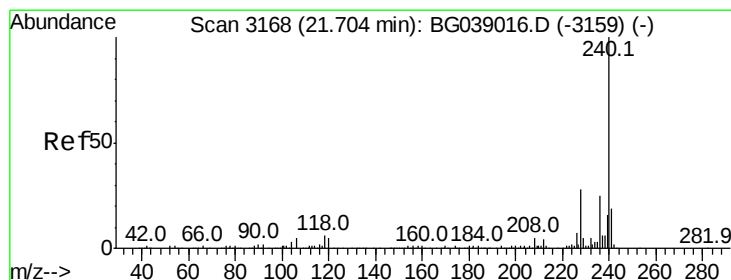
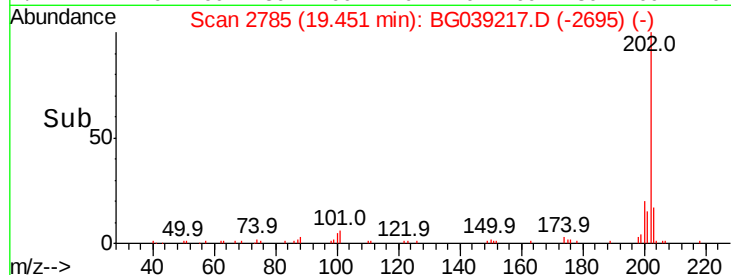
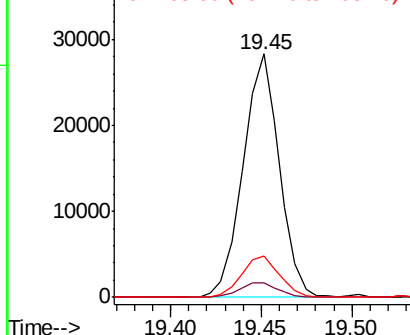
Tot Ion:	202	Resp:	39416
Ion Ratio	Lower	Upper	
202	100		
101	5.8	0.0	26.9
203	17.2	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

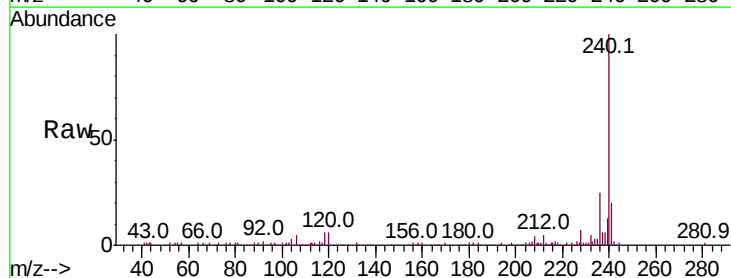
RT: 21.67 min Scan# 3162

Delta R.T. -0.02 min

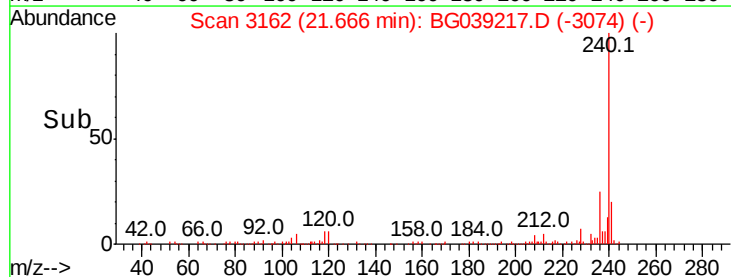
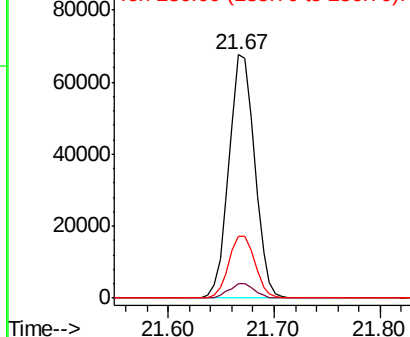
Lab File: BG039217.D

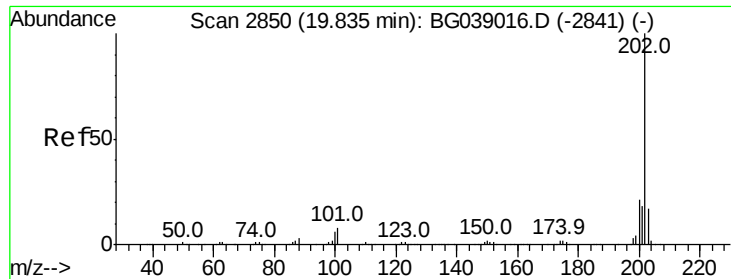
Acq: 18 Jan 2019 15:55

Tgt Ion:	240	Resp:	113959
Ion Ratio	Lower	Upper	
240	100		
120	5.9	4.3	6.5
236	25.2	20.1	30.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





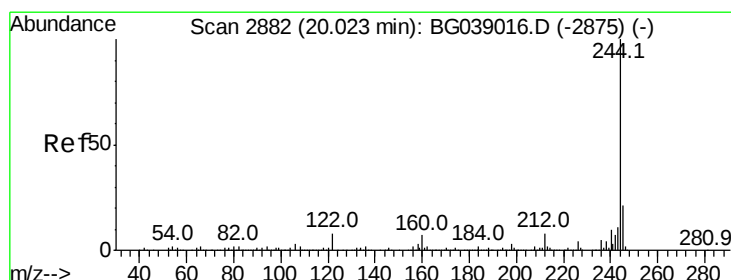
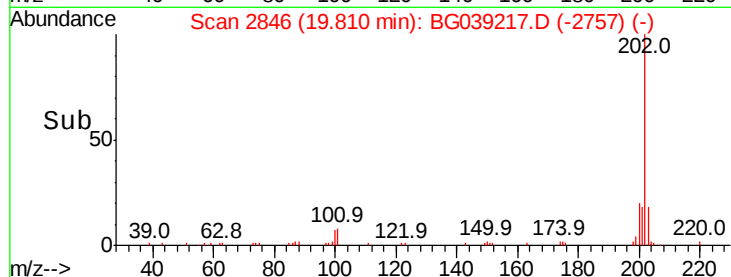
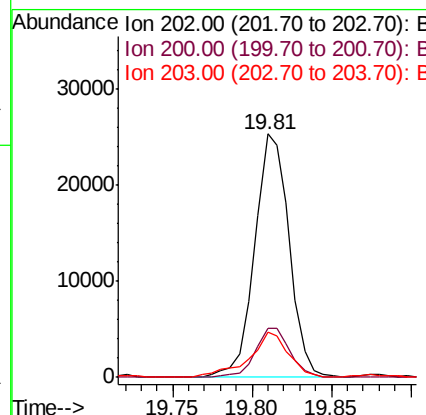
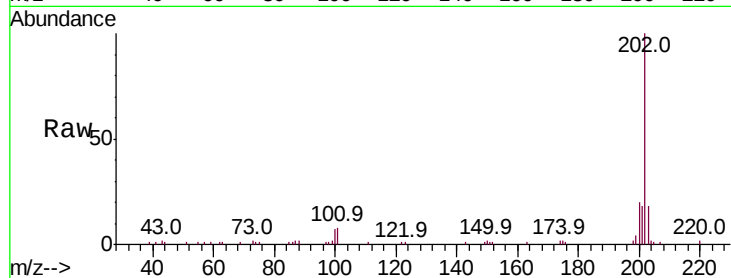
#78
Pvrene
Concen: 5.290 ng
RT: 19.81 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG039217.D
Acq: 18 Jan 2019 15:55

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.6
203	18.3	14.0	21.0

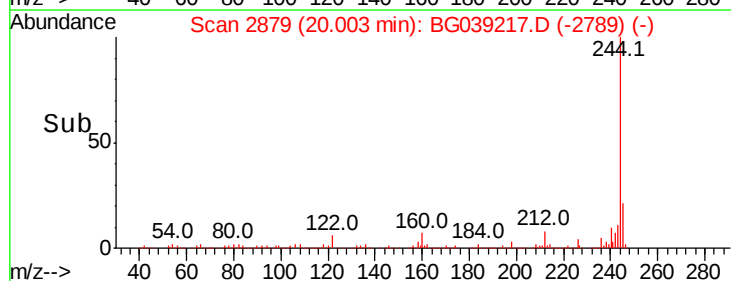
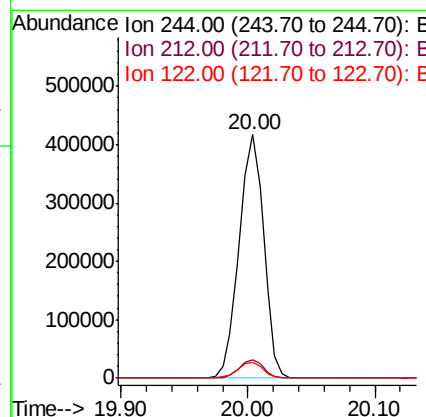
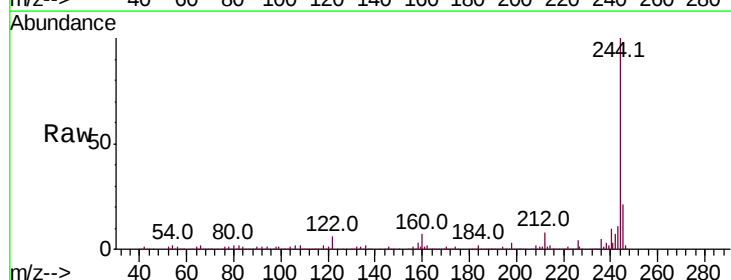
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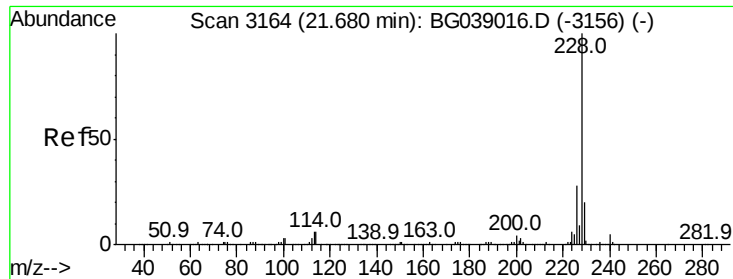
Sohil
1/21/2019 12:11:35 PM



#79
Terphenyl-d14
Concen: 90.750 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG039217.D
Acq: 18 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	6.4	6.1	9.1





#81

Benzo(a)anthracene

Concen: 2.855 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039217.D

Acq: 18 Jan 2019 15:55

Instrument :

BNA_G

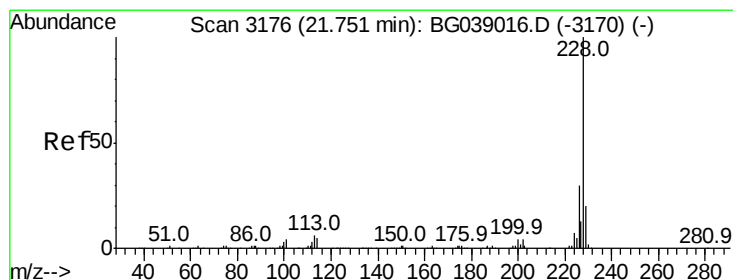
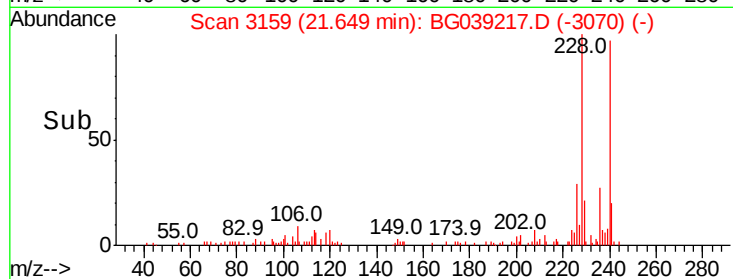
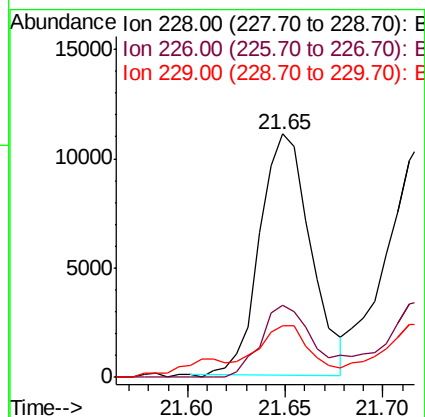
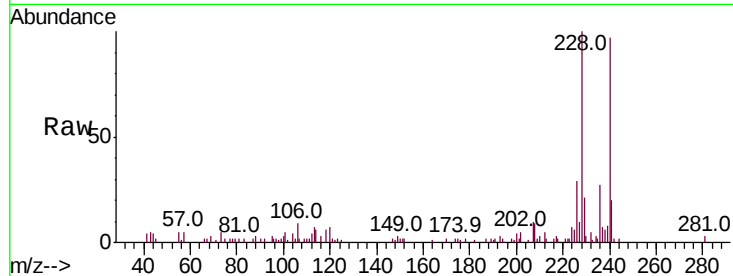
ClientSampled :

WC-06-011519

Tot Ion:	228	Resp:	19807
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.4	33.6
229	21.1	16.2	24.2

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#83

Chrysene

Concen: 3.184 ng

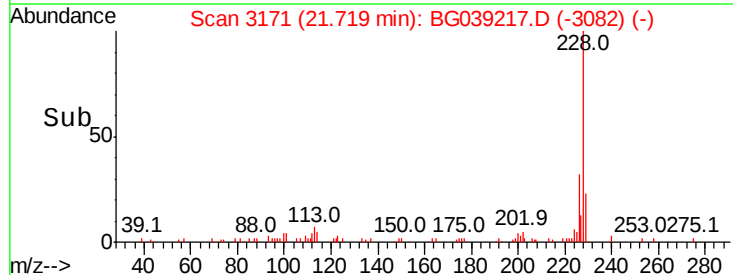
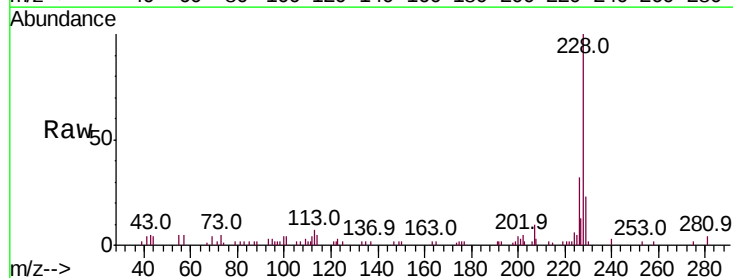
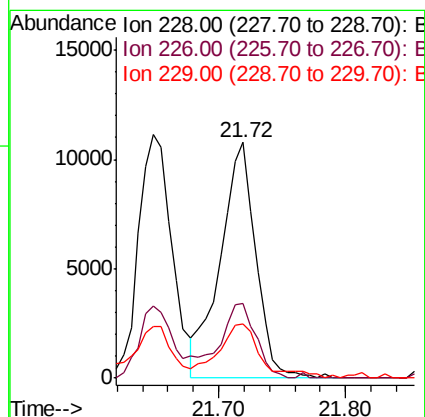
RT: 21.72 min Scan# 3171

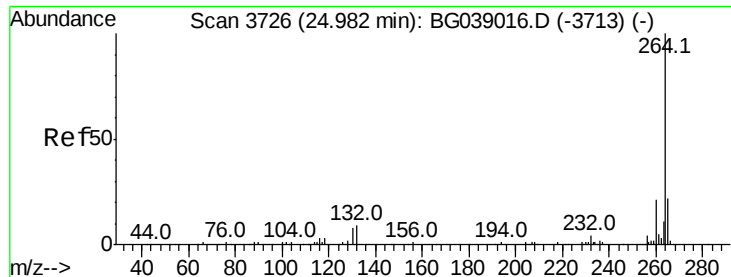
Delta R.T. -0.01 min

Lab File: BG039217.D

Acq: 18 Jan 2019 15:55

Tgt Ion:	228	Resp:	21011
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.1	36.1
229	22.9	16.0	24.0





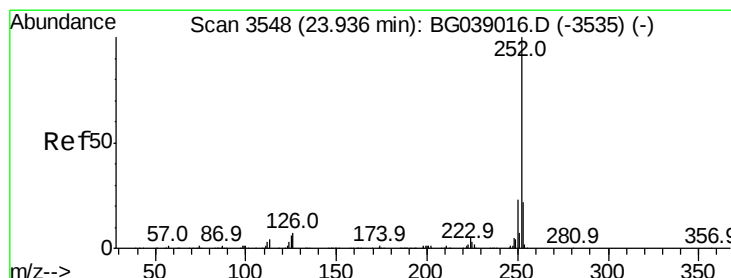
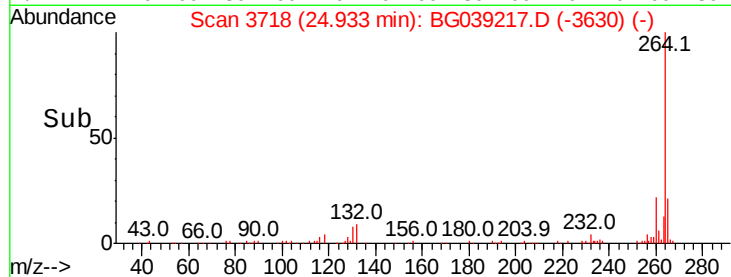
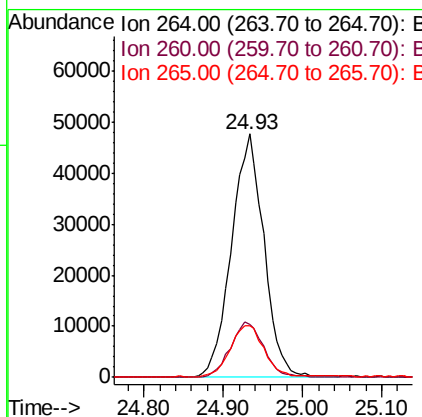
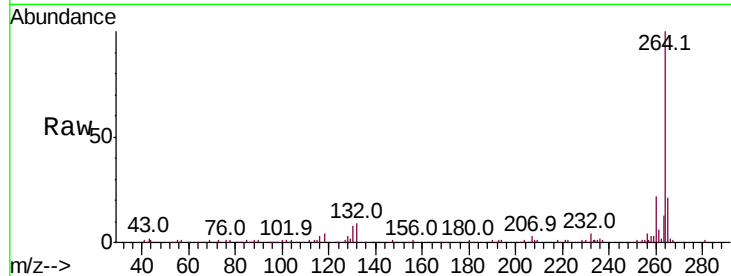
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.02 min
Lab File: BG039217.D
Acq: 18 Jan 2019 15:55

Instrument :
BNA_G
ClientSampleId :
WC-06-011519

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.0	25.6
265	21.4	17.2	25.8

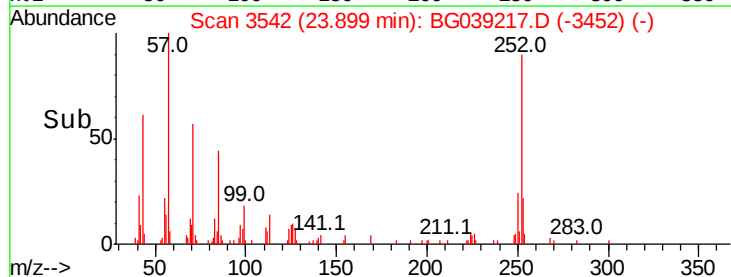
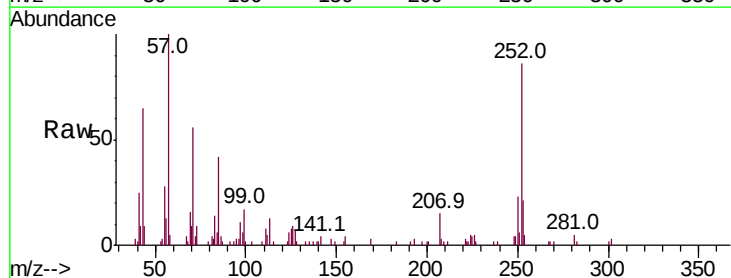
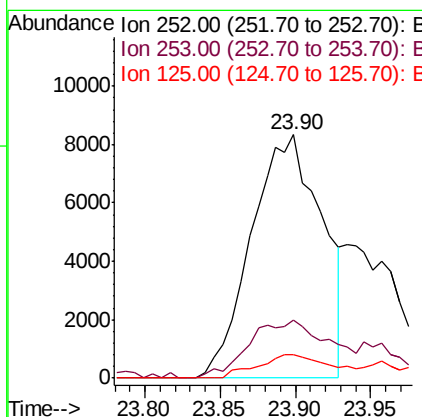
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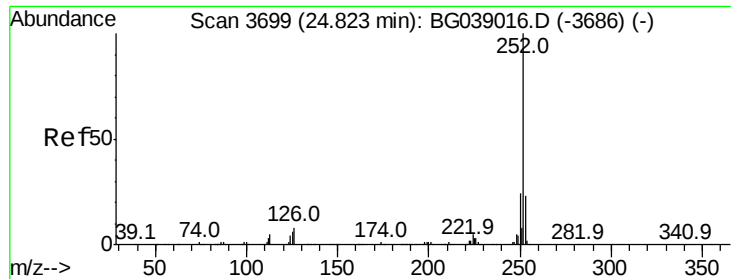
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#88
Benzo(b)fluoranthene
Concen: 3.643 ng m
RT: 23.90 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG039217.D
Acq: 18 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	9.8	4.9	7.3#





#90
 Benzo(a)pyrene
 Concen: 2.827 ng
 RT: 24.77 min Scan# 3691
 Delta R.T. -0.02 min
 Lab File: BG039217.D
 Acq: 18 Jan 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 WC-06-011519

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	7.4	4.9	7.3

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 1/21/2019 12:11:35 PM

