

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
 Data File : BG039216.D
 Acq On : 18 Jan 2019 15:16
 Operator : JU/SJ
 Sample : K1157-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-011519

Manual Integrations
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 1/21/2019 12:11:32 PM

Quant Time: Jan 18 16:24:28 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	21751	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	86639	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	51547	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	128394	20.00	ng	0.00
76) Chrysene-d12	21.67	240	129919	20.00	ng	-0.01
87) Perylene-d12	24.93	264	145888	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	101536	88.55	ng	0.00
7) Phenol-d6	7.17	99	142288	86.23	ng	0.00
23) Nitrobenzene-d5	9.19	82	93736	59.20	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	70344	81.41	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	209501	55.62	ng	0.00
79) Terphenyl-d14	20.00	244	318164	45.30	ng	0.00
Target Compounds						
10) Phenol	7.20	94	8754	5.291	ng	Qvalue 90
50) Dimethylphthalate	14.10	163	18064	4.147	ng	# 95
71) Phenanthrene	17.44	178	98452	14.507	ng	97
72) Anthracene	17.53	178	19721	2.939	ng	99
75) Fluoranthene	19.45	202	169950	20.201	ng	97
78) Pyrene	19.81	202	145038	17.518	ng	99
81) Benzo(a)anthracene	21.65	228	101767	12.868	ng	98
83) Chrysene	21.72	228	93288m	12.402	ng	
86) Indeno(1,2,3-cd)pyrene	28.66	276	41393	4.605	ng	96
88) Benzo(b)fluoranthene	23.89	252	128072	15.921	ng	# 97
89) Benzo(k)fluoranthene	23.95	252	37407m	4.703	ng	
90) Benzo(a)pyrene	24.77	252	77957	10.026	ng	98
92) Benzo(a,h,i)perylene	29.86	276	38054	4.970	ng	# 96

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

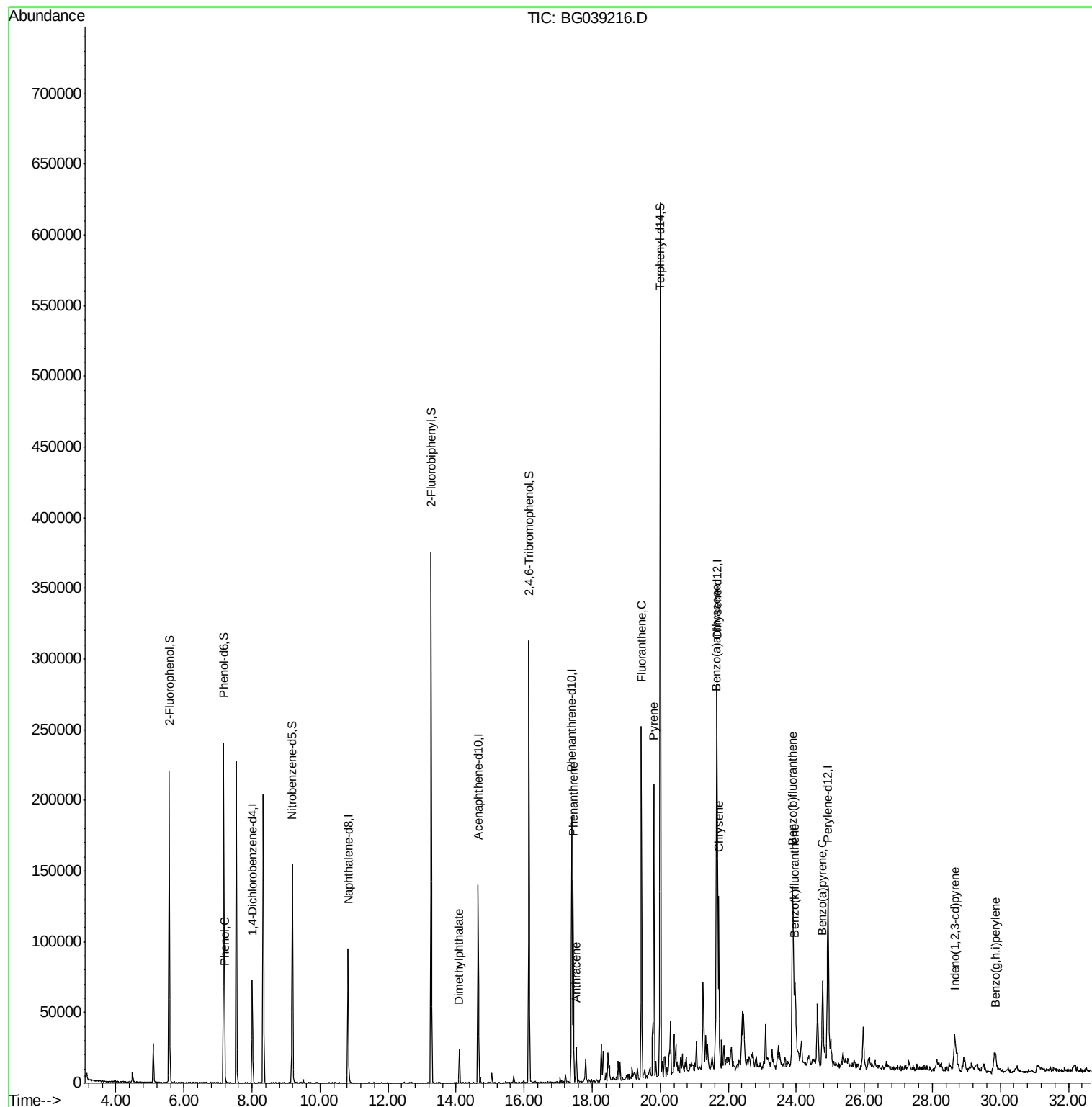
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
Data File : BG039216.D
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Operator : JU/SJ
Sample : K1157-09
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ALS Vial : 5 Sample Multiplier: 1

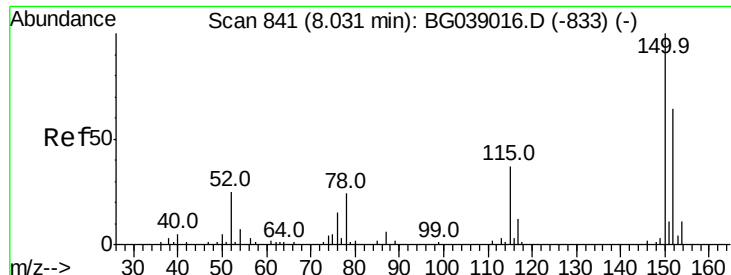
Instrument :
BNA_G
ClientSampleId :
WC-05-011519

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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#1

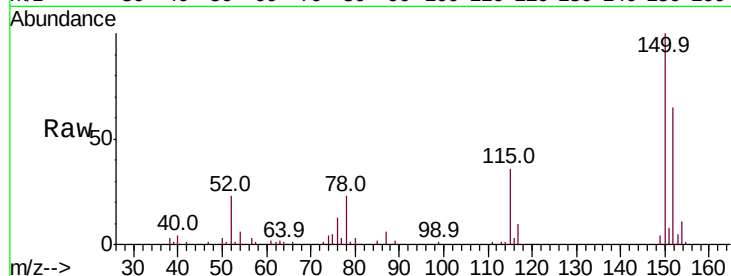
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampled :
WC-05-011519

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.7	187.1
115	55.8	46.5	69.7

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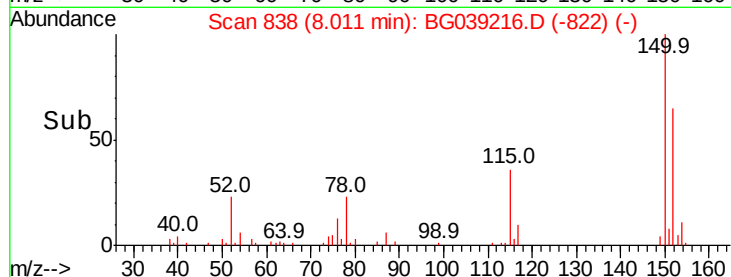


Abundance

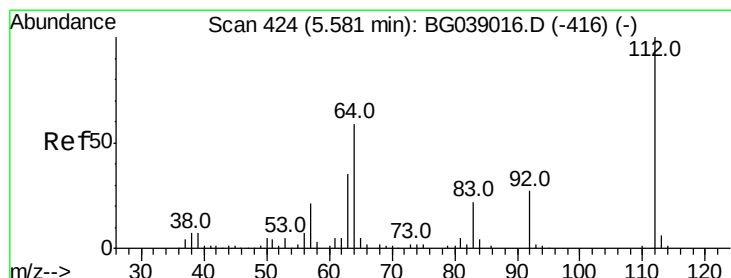
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



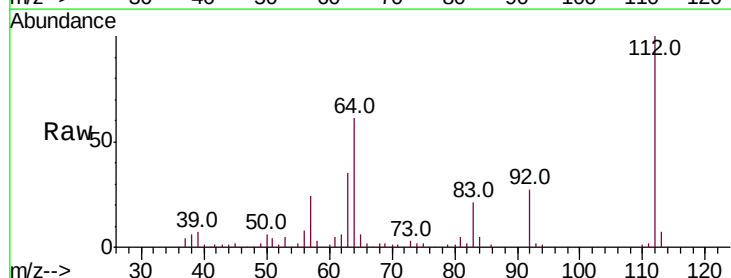
Time-->



#5

2-Fluorophenol
Concen: 88.553 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.0	70.6
63	35.3	28.0	42.0

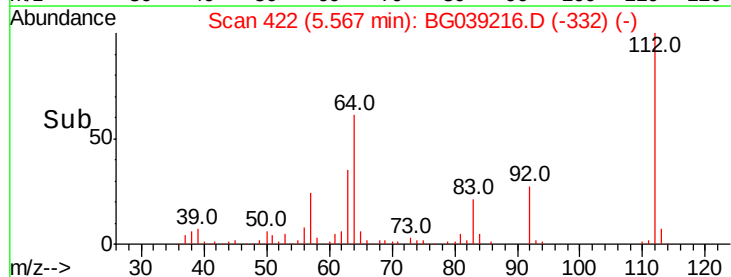


Abundance

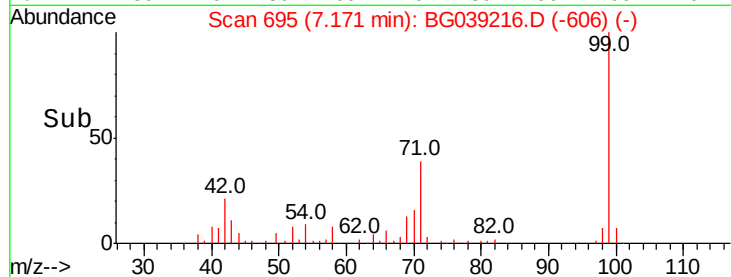
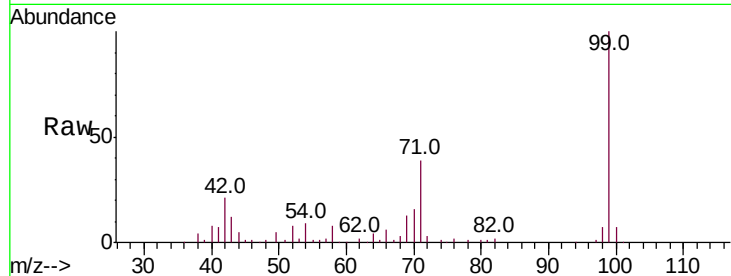
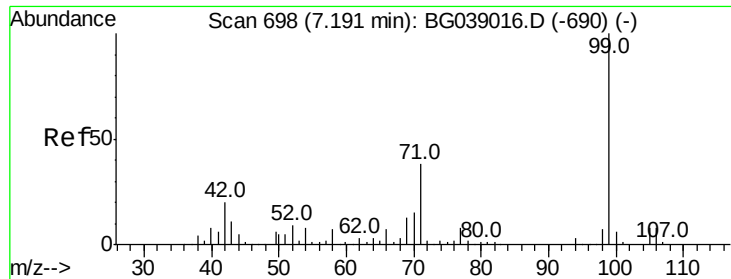
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG



Time-->



#7

Phenol-d6

Concen: 86.229 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		142288		
42	21.2	15.8	23.6		
71	38.8	30.2	45.4		

Instrument :

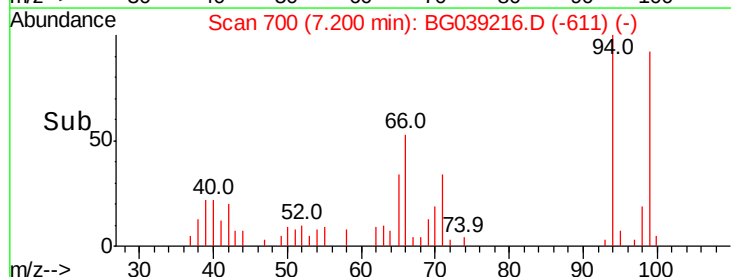
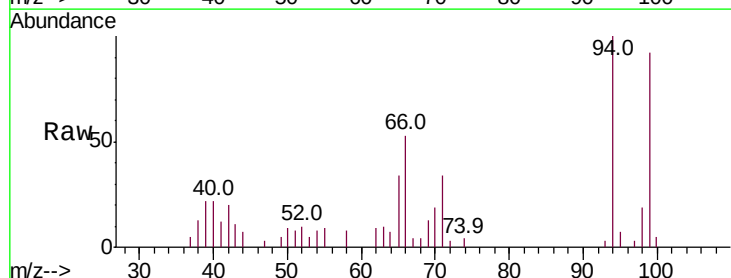
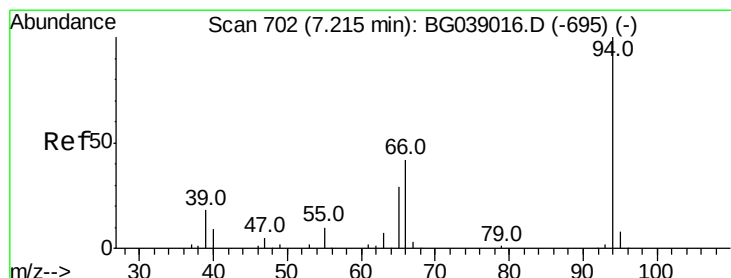
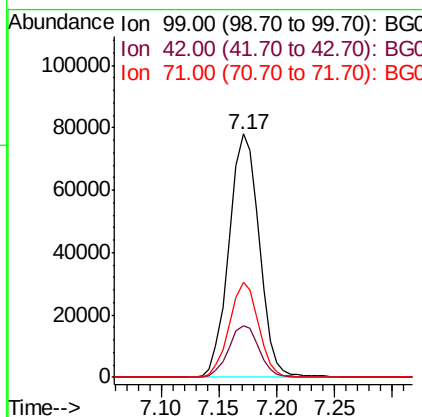
BNA_G

ClientSampled :

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#10

Phenol

Concen: 5.291 ng

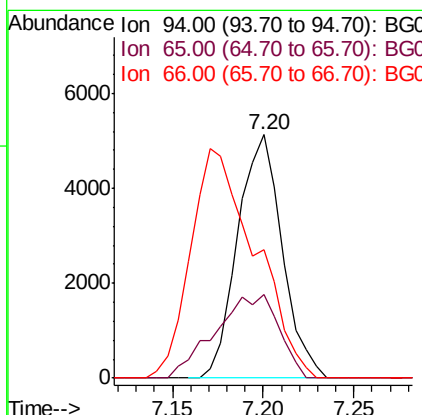
RT: 7.20 min Scan# 700

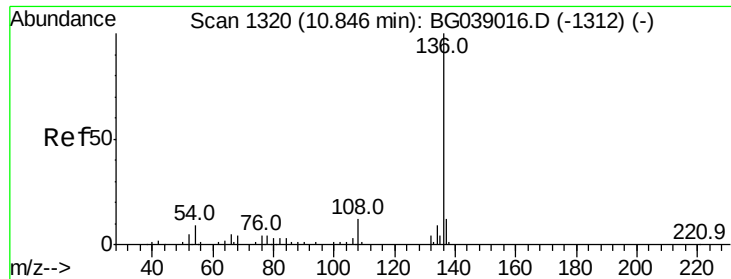
Delta R.T. -0.00 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		8754		
65	34.2	10.3	50.3		
66	52.6	25.1	65.1		





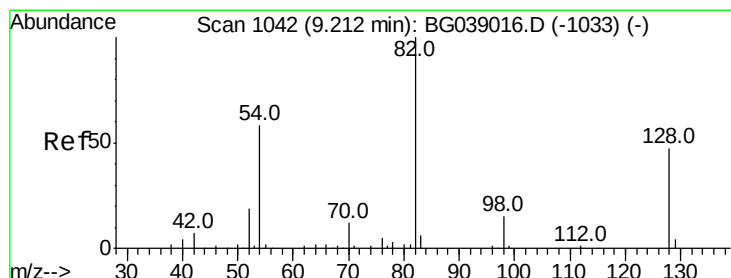
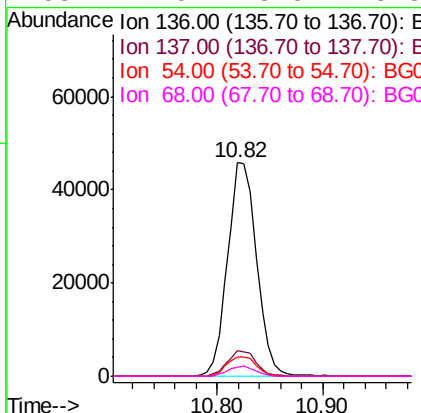
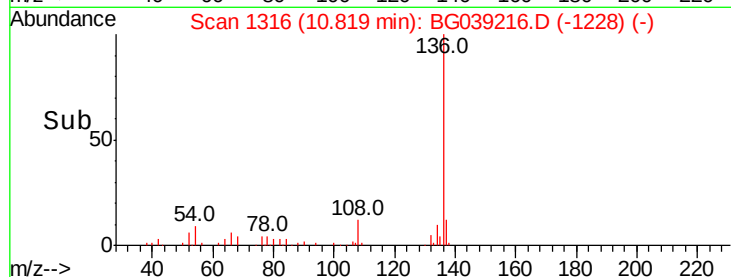
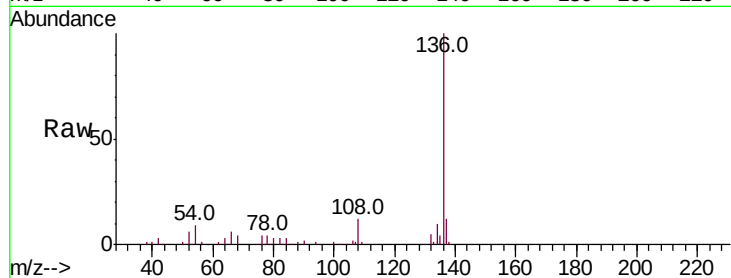
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tot Ion	Ratio	Resp	Lower	Upper
136	100	86639		
137	11.7		9.4	14.2
54	9.0		7.2	10.8
68	4.0		3.5	5.3

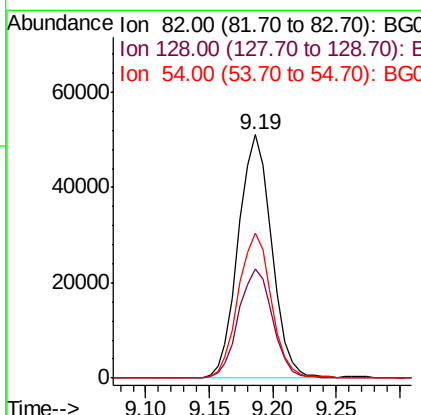
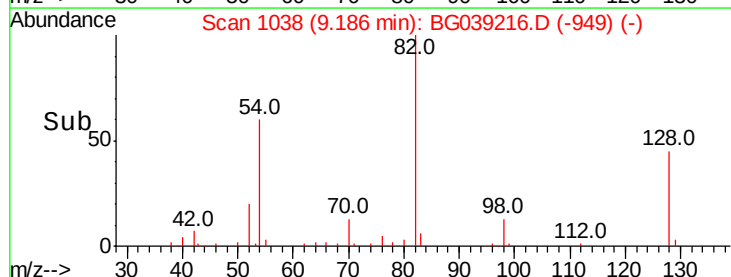
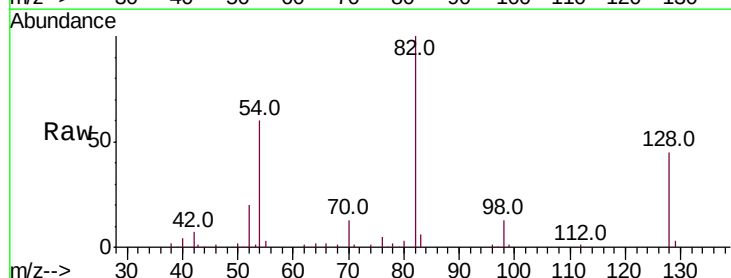
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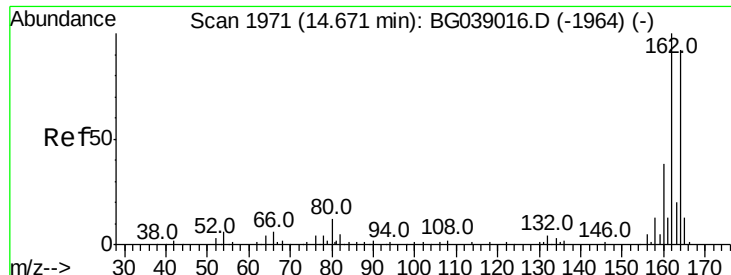
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#23
Nitrobenzene-d5
Concen: 59.202 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	93736		
128	45.0		37.3	55.9
54	59.5		46.4	69.6





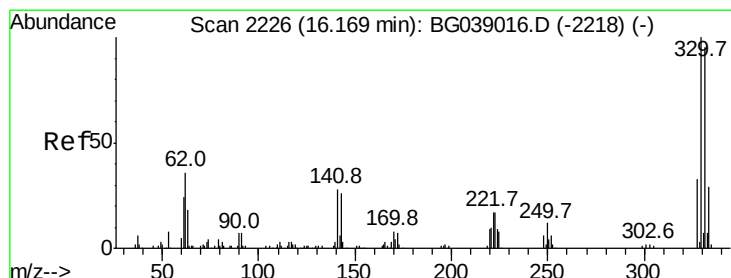
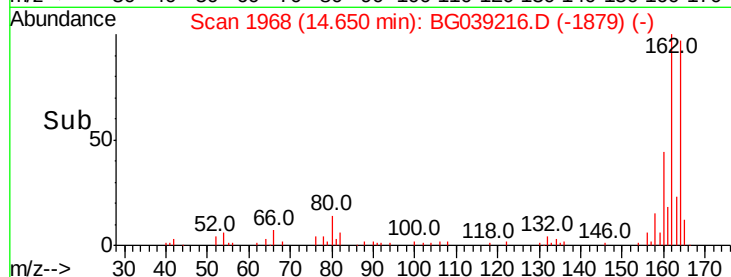
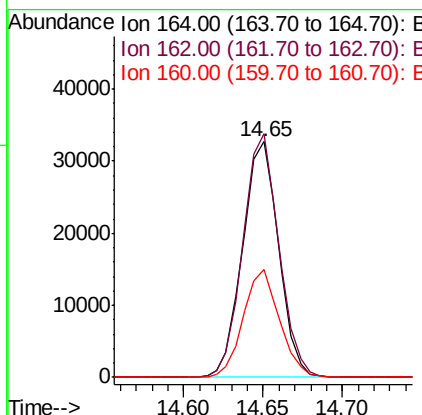
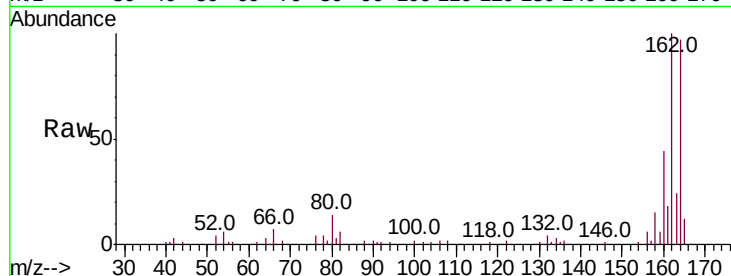
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	87.2	130.8
160	45.8	33.3	49.9

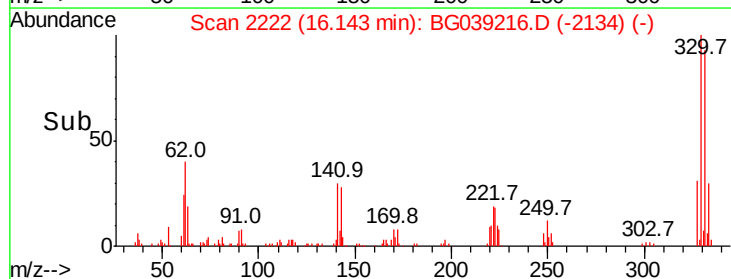
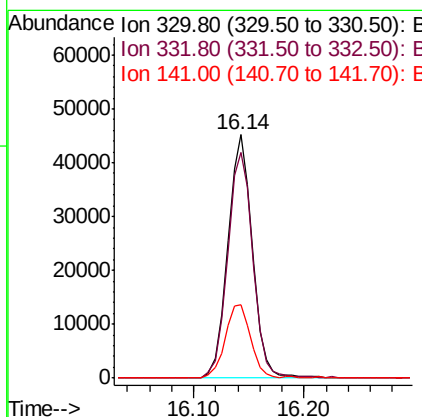
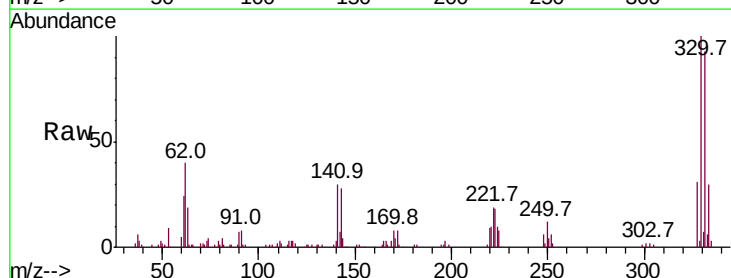
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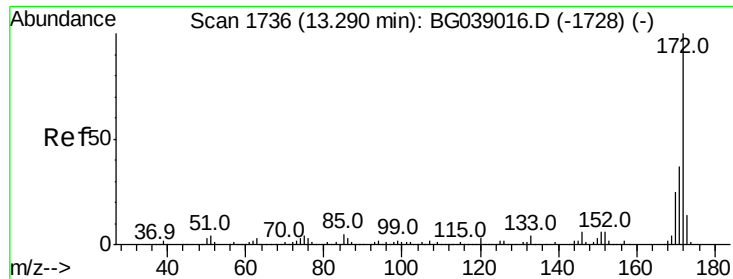
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#42
2,4,6-Tribromophenol
Concen: 81.410 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	31.5	24.9	37.3





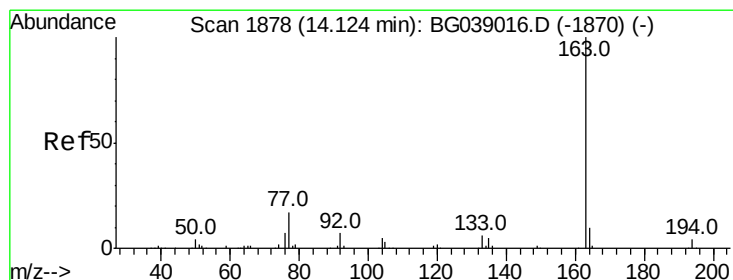
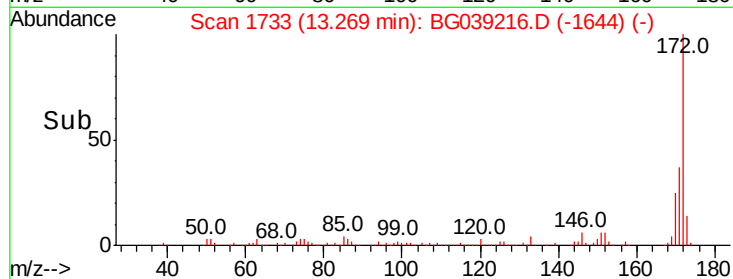
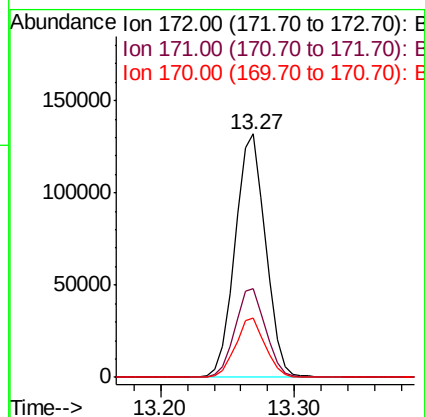
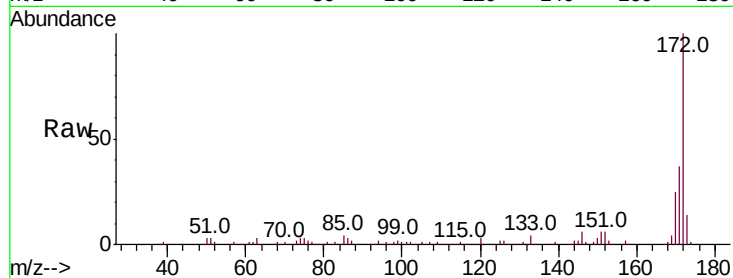
#45
 2-Fluorobiphenyl
 Concen: 55.622 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG039216.D
 Acq: 18 Jan 2019 15:16

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-011519

Tot Ion:	172	Resp:	209501
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.4	44.0
170	24.6	20.1	30.1

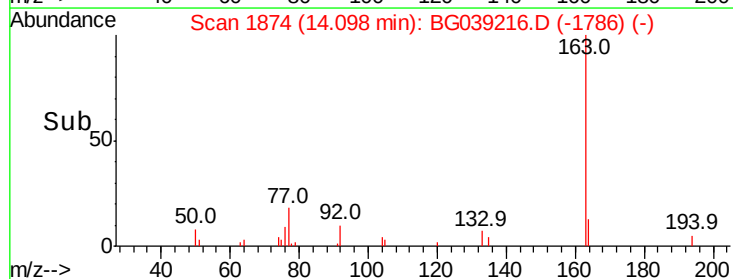
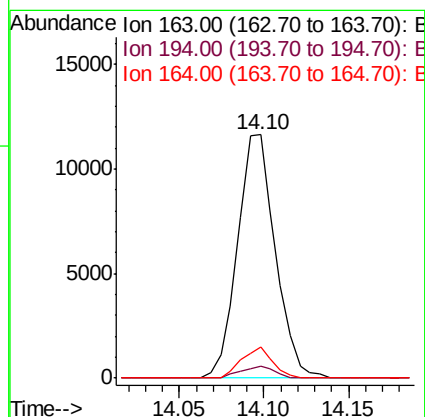
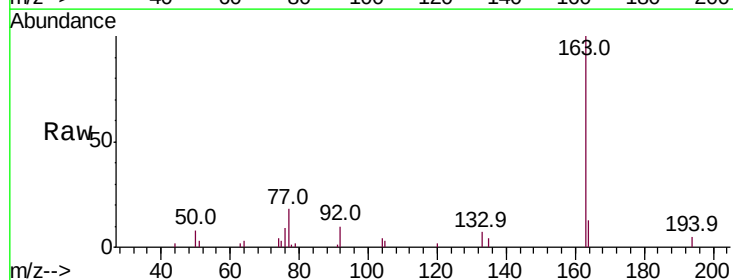
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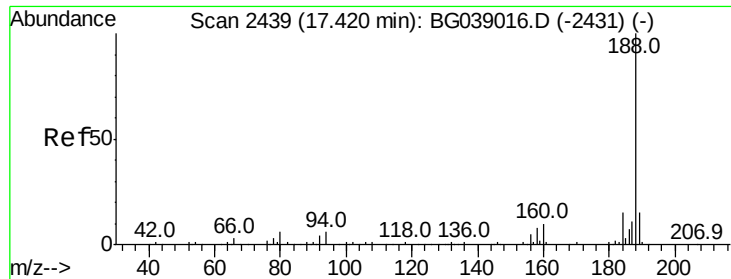
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#50
 Dimethylphthalate
 Concen: 4.147 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG039216.D
 Acq: 18 Jan 2019 15:16

Tgt Ion:	163	Resp:	18064
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.6	5.4
164	12.6	8.2	12.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Instrument :

BNA_G

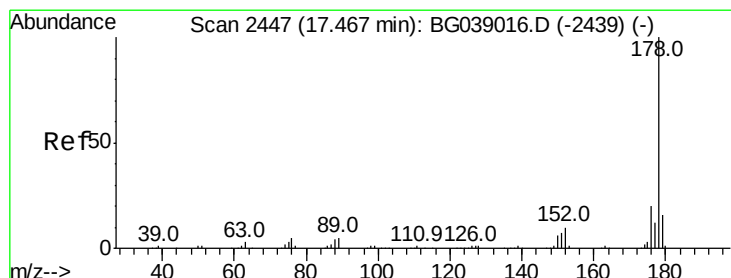
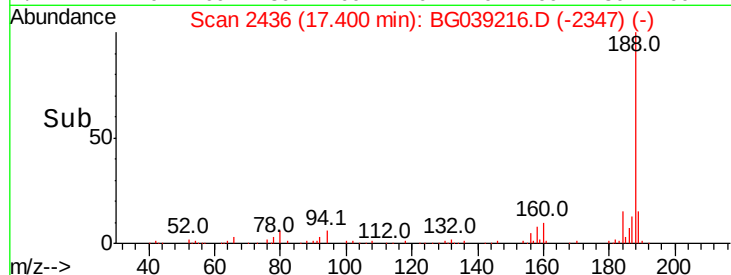
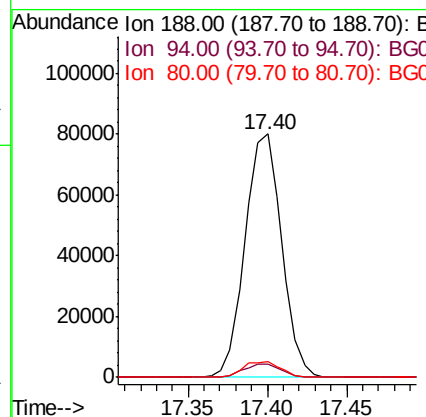
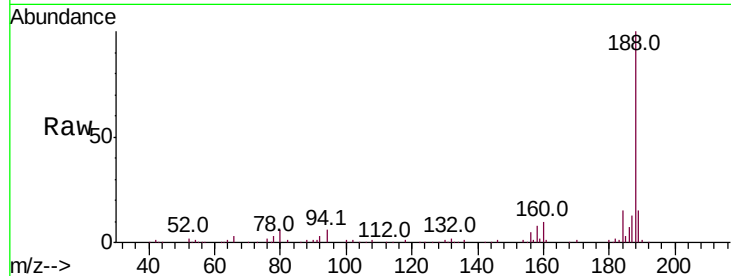
ClientSampleId :

WC-05-011519

Tot Ion:	188	Resp:	128394
Ion Ratio	Lower	Upper	
188	100		
94	5.5	5.0	7.4
80	6.4	4.7	7.1

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#71

Phenanthrene

Concen: 14.507 ng

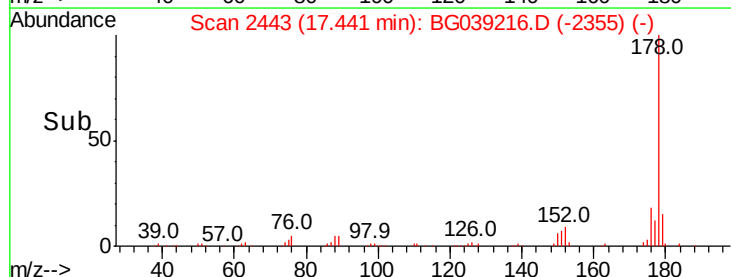
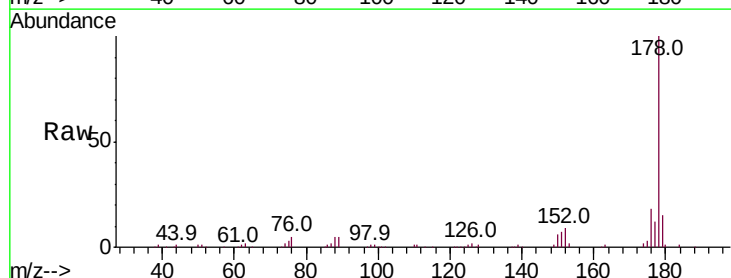
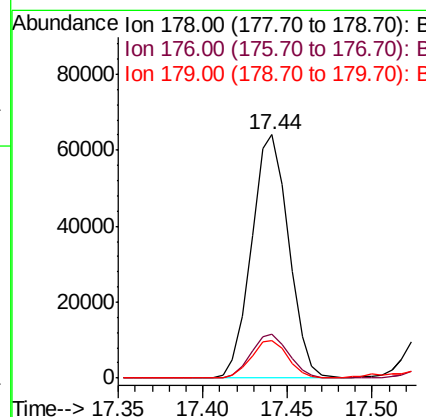
RT: 17.44 min Scan# 2443

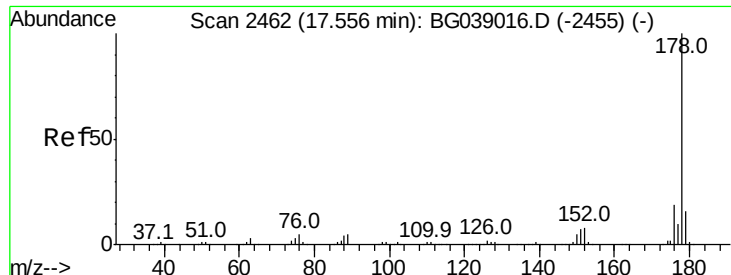
Delta R.T. -0.01 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Tgt Ion:	178	Resp:	98452
Ion Ratio	Lower	Upper	
178	100		
176	18.0	15.7	23.5
179	15.5	12.9	19.3





#72

Anthracene

Concen: 2.939 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Instrument :

BNA_G

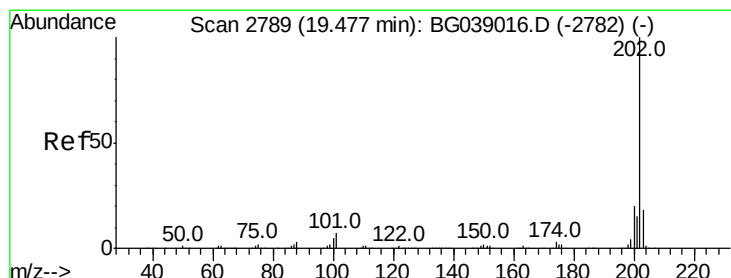
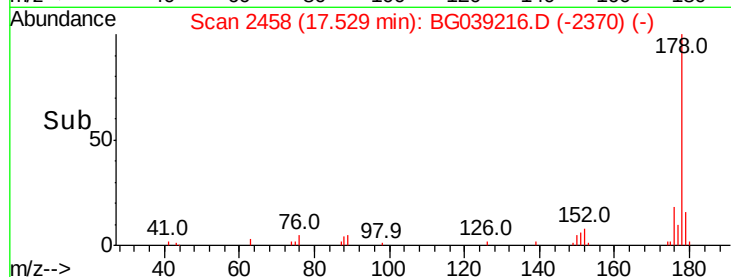
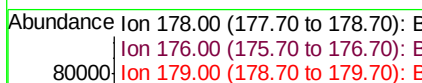
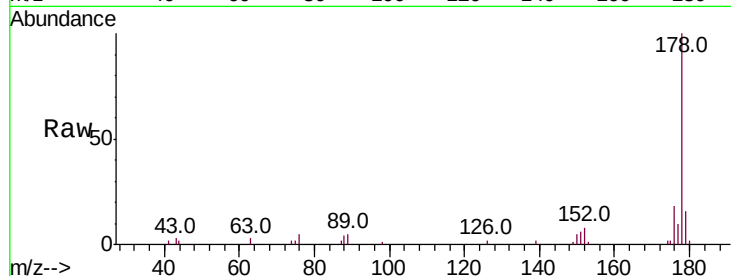
ClientSampleId :

WC-05-011519

Tot Ion:	178	Resp:	19721
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.9	22.3
179	16.3	13.0	19.4

Manual Integrations
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#75

Fluoranthene

Concen: 20.201 ng

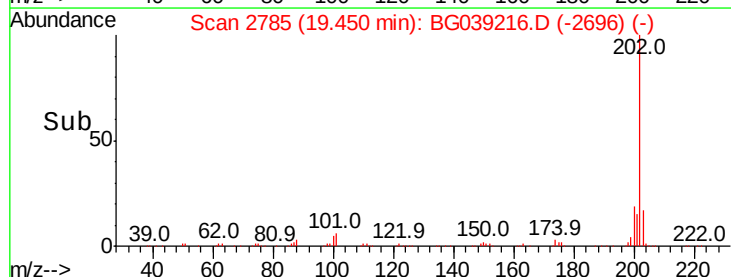
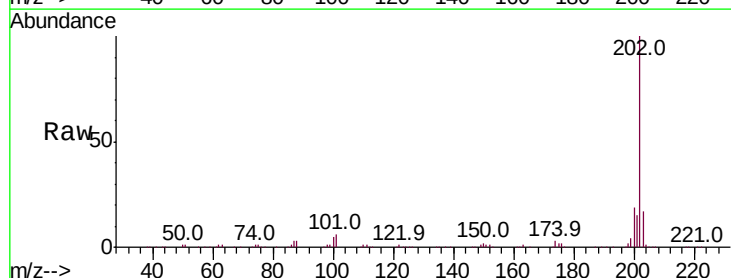
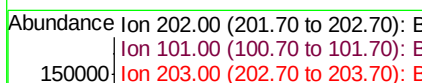
RT: 19.45 min Scan# 2785

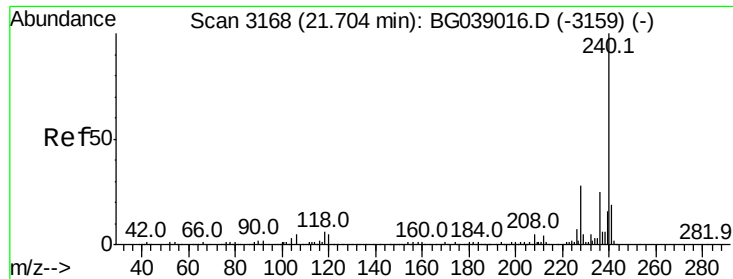
Delta R.T. -0.00 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Tgt Ion:	202	Resp:	169950
Ion Ratio	Lower	Upper	
202	100		
101	5.8	0.0	26.9
203	17.1	0.0	38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Instrument :

BNA_G

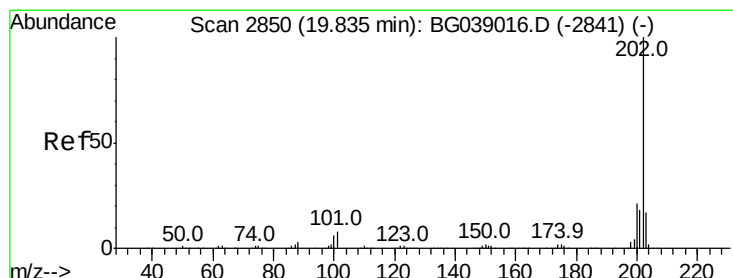
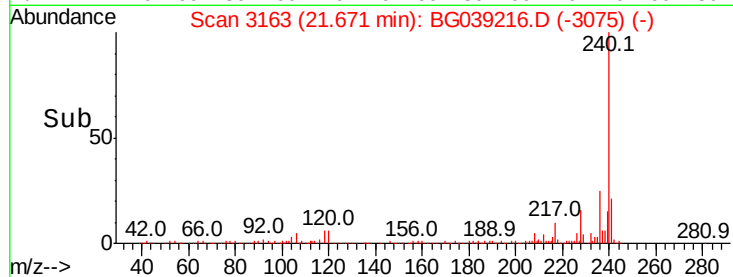
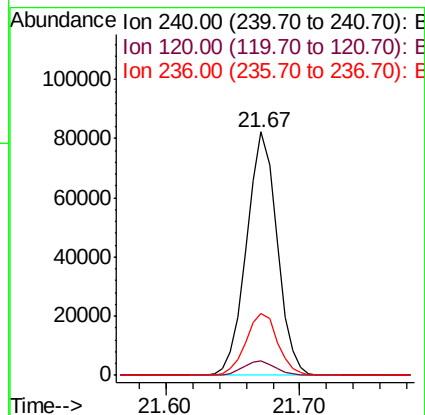
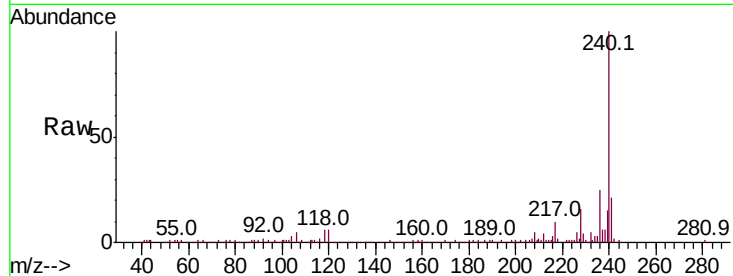
ClientSampleId :

WC-05-011519

Tot Ion:	240	Resp:	129919
Ion Ratio	Lower	Upper	
240	100		
120	6.2	4.3	6.5
236	25.3	20.1	30.1

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#78

Pyrene

Concen: 17.518 ng

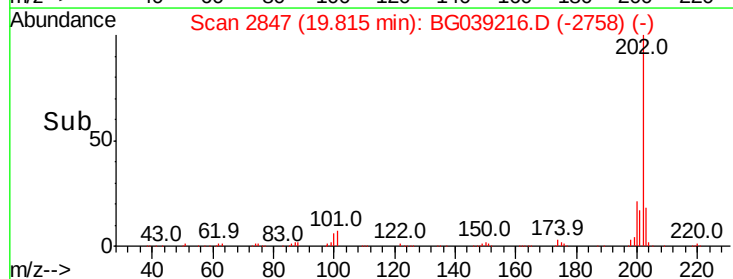
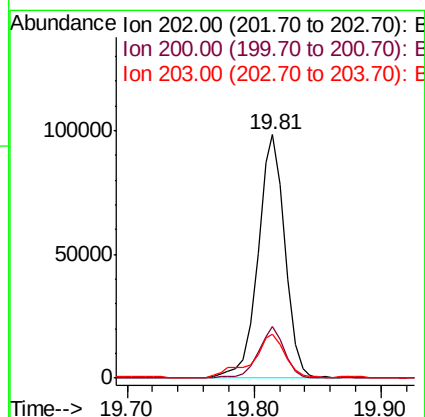
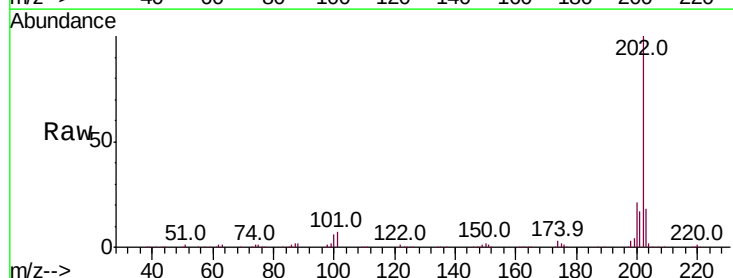
RT: 19.81 min Scan# 2847

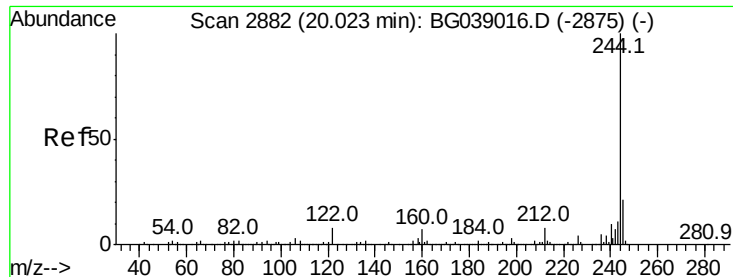
Delta R.T. -0.00 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Tgt Ion:	202	Resp:	145038
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.6
203	18.0	14.0	21.0





#79

Terphenyl-d14

Concen: 45.303 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Instrument :

BNA_G

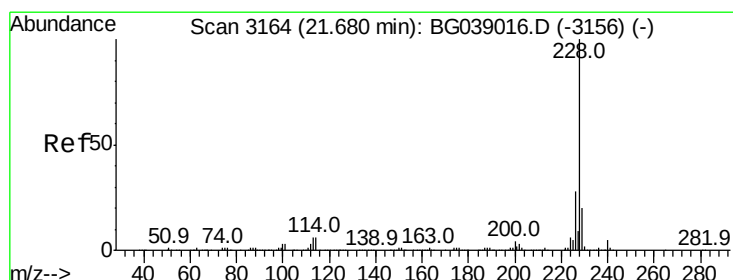
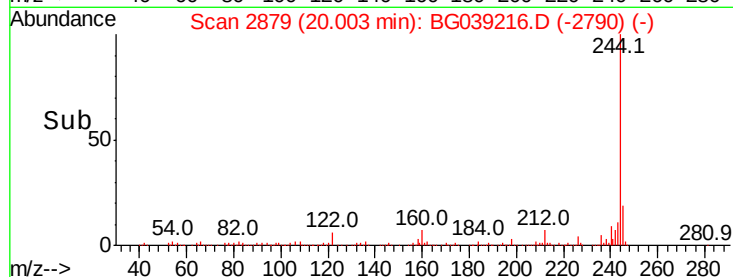
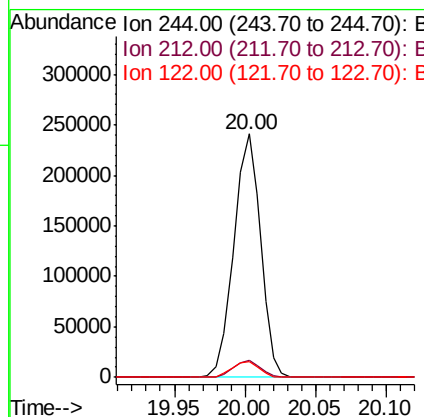
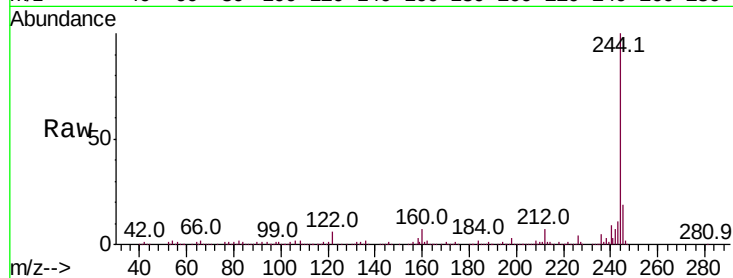
ClientSampleId :

WC-05-011519

Tot Ion:	244	Resp:	318164
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.1	9.1
122	6.3	6.1	9.1

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#81

Benzo(a)anthracene

Concen: 12.868 ng

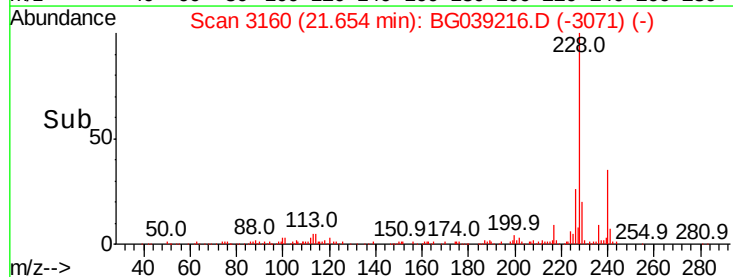
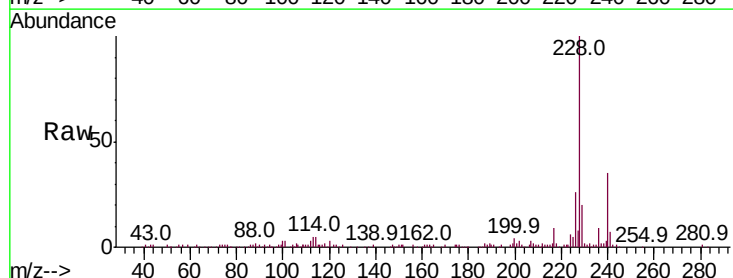
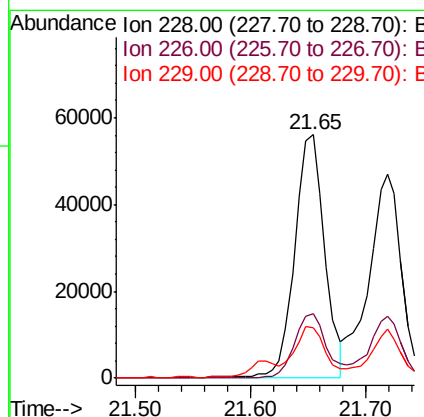
RT: 21.65 min Scan# 3160

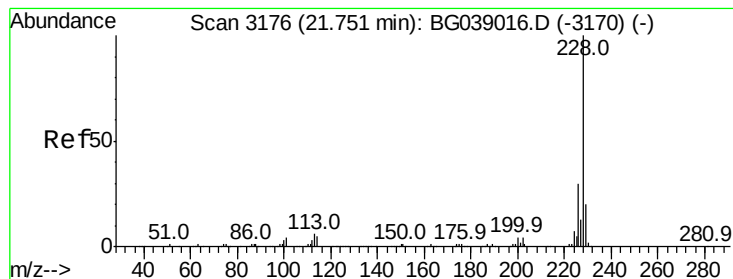
Delta R.T. -0.00 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Tgt Ion:	228	Resp:	101767
Ion Ratio	Lower	Upper	
228	100		
226	26.4	22.4	33.6
229	20.4	16.2	24.2





#83

Chrysene

Concen: 12.402 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Instrument :

BNA_G

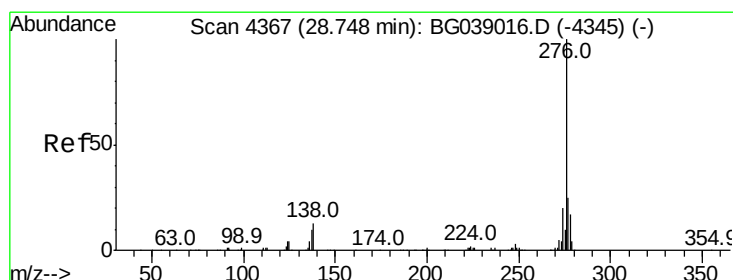
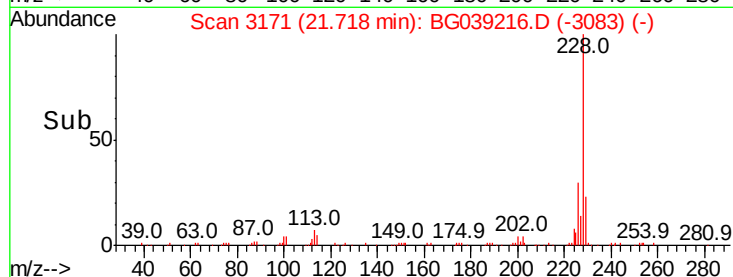
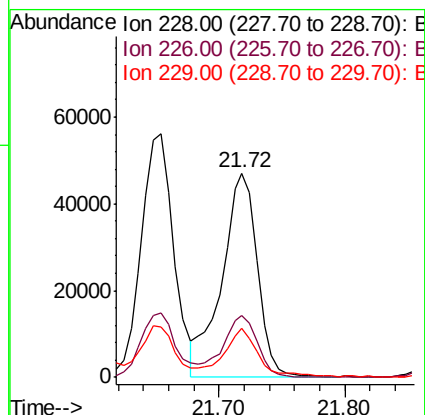
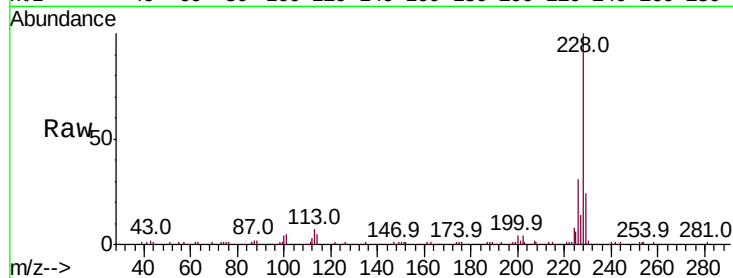
ClientSampleId :

WC-05-011519

Tot Ion:	228	Resp:	93288
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.1	36.1
229	23.9	16.0	24.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 4.605 ng

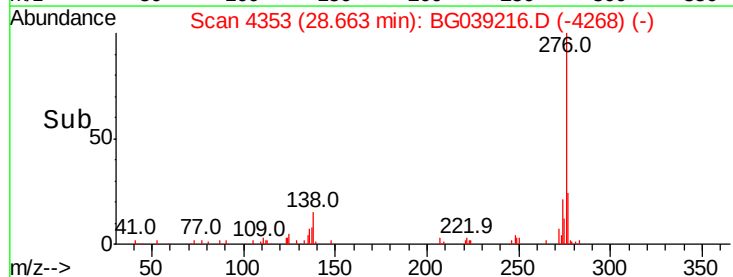
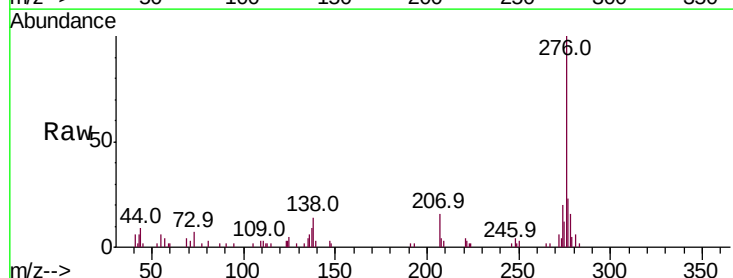
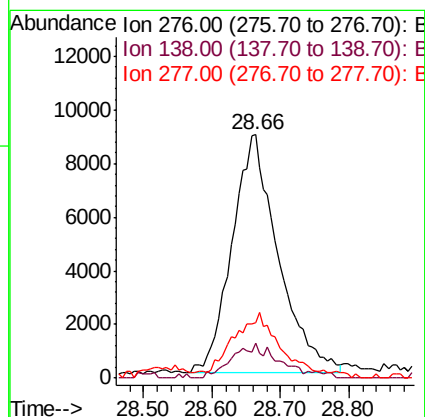
RT: 28.66 min Scan# 4353

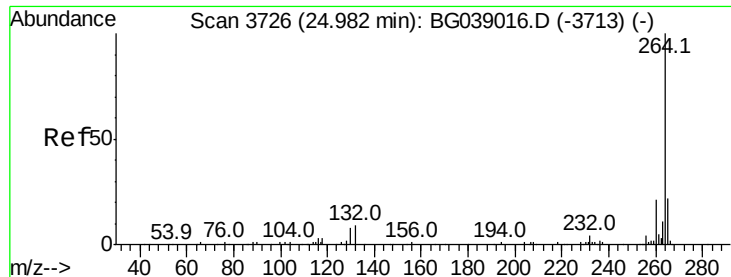
Delta R.T. -0.03 min

Lab File: BG039216.D

Acq: 18 Jan 2019 15:16

Tgt Ion:	276	Resp:	41393
Ion Ratio	Lower	Upper	
276	100		
138	9.2	8.0	12.0
277	23.2	20.3	30.5





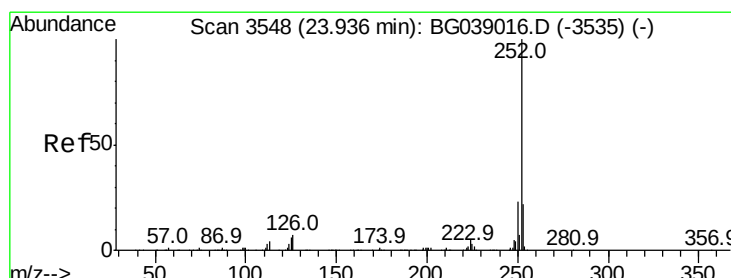
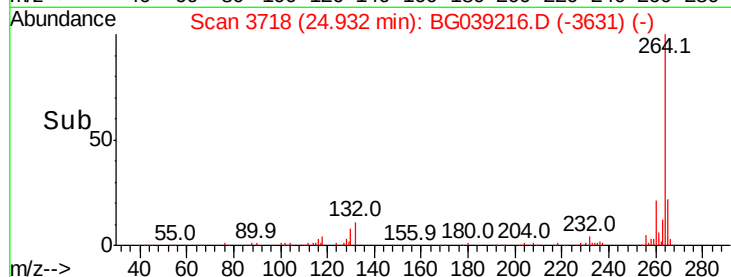
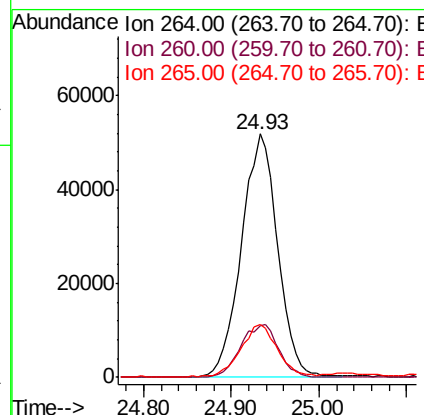
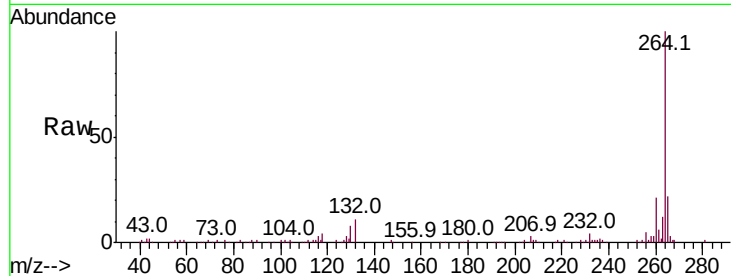
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.02 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.0	25.6
265	21.7	17.2	25.8

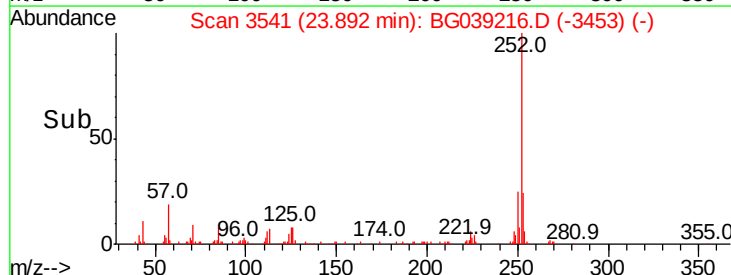
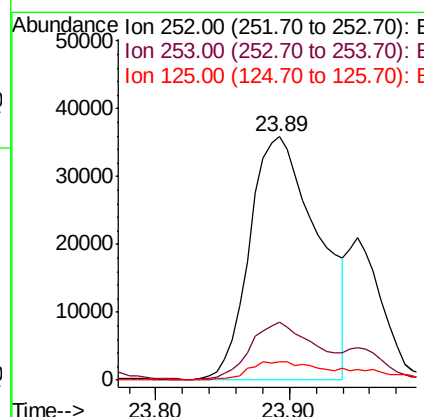
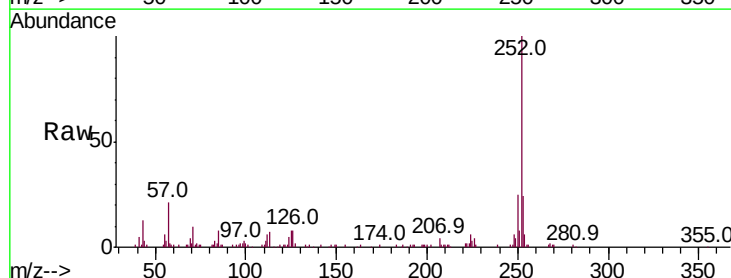
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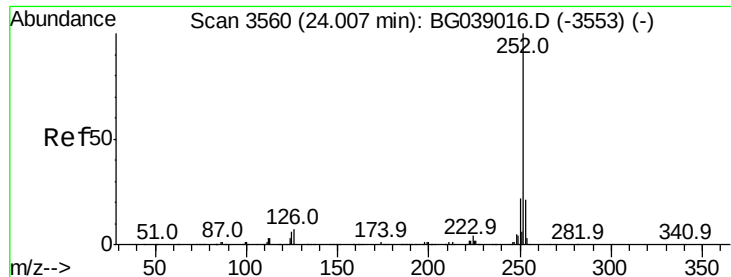
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#88
Benzo(b)fluoranthene
Concen: 15.921 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	7.6	4.9	7.3#





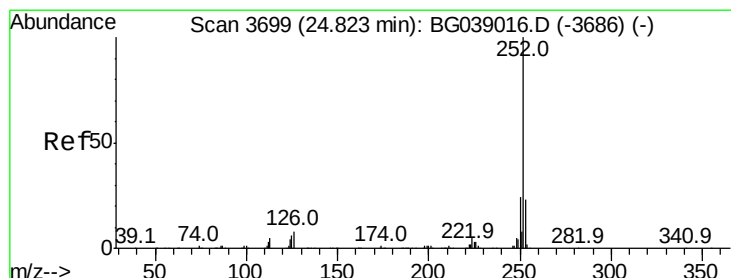
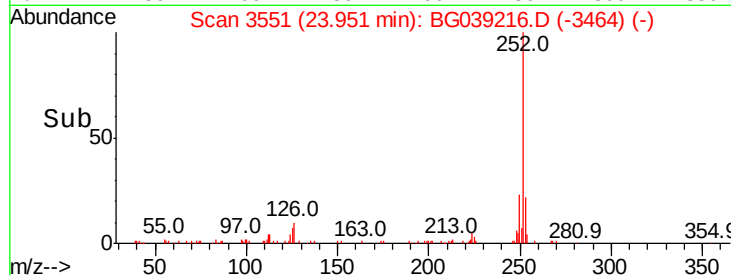
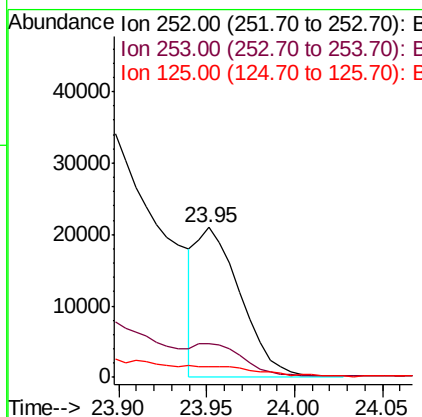
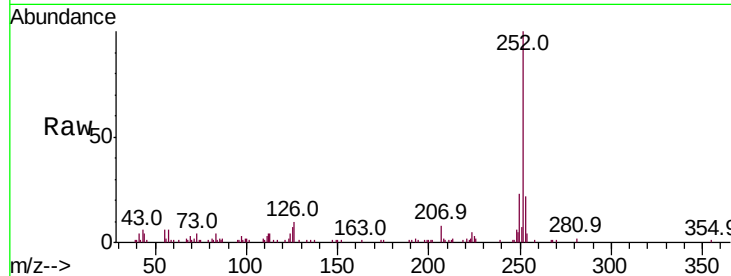
#89
Benzo(k)fluoranthene
Concen: 4.703 ng m
RT: 23.95 min Scan# 3551
Delta R.T. -0.02 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	7.1	4.6	7.0

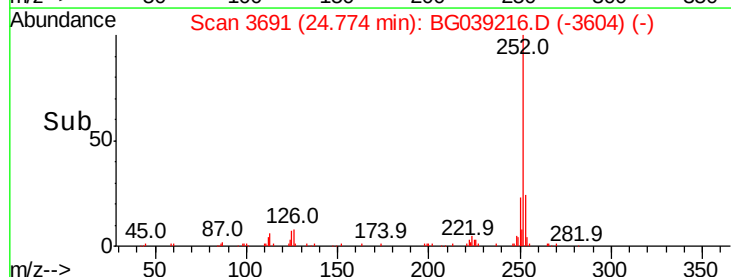
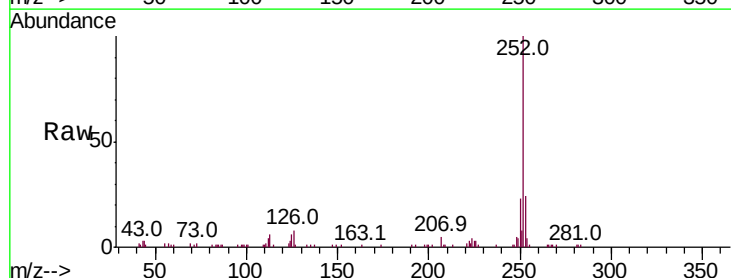
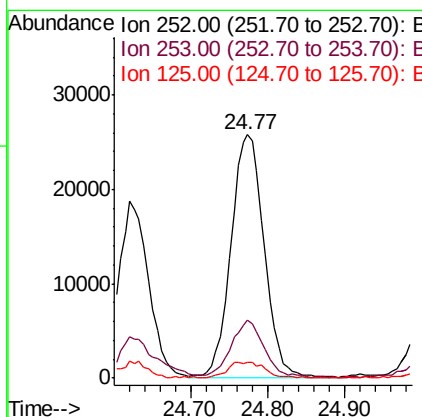
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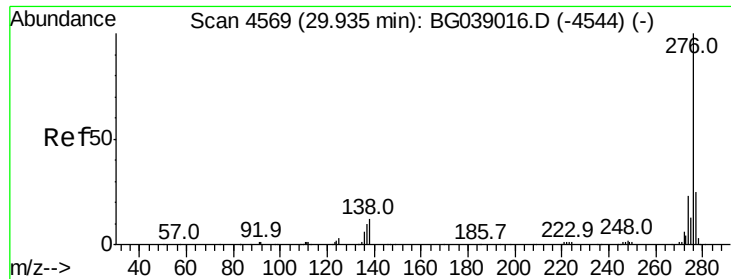
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#90
Benzo(a)pyrene
Concen: 10.026 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.02 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	6.5	4.9	7.3





#92
 Benzo(a,h,i)perylene
 Concen: 4.970 ng
 RT: 29.86 min Scan# 4556
 Delta R.T. -0.02 min
 Lab File: BG039216.D
 Acq: 18 Jan 2019 15:16

Instrument :
 BNA_G
 ClientSampleId :
 WC-05-011519

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.3	30.5
138	15.8	9.4	14.2

Manual Integrations
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