

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041047.D
 Acq On : 3 Jun 2019 23:13
 Operator : HP/JU
 Sample : K2641-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-053119-D

Manual Integrations
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mohammad
 6/5/2019 8:35:30 AM

Quant Time: Jun 04 09:54:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	86280	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	320882	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	213729	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	471954	20.00	ng	0.00
76) Chrysene-d12	21.77	240	465698	20.00	ng	-0.01
87) Perylene-d12	25.12	264	511985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	470743	98.38	ng	0.00
7) Phenol-d6	7.27	99	681214	92.19	ng	0.00
23) Nitrobenzene-d5	9.30	82	482620	66.77	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	294480	92.81	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	902211	60.79	ng	-0.01
79) Terphenyl-d14	20.09	244	1256108	57.25	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.19	163	87893	4.858	ng	97
71) Phenanthrene	17.54	178	290179	11.804	ng	99
72) Anthracene	17.62	178	51579	2.127	ng	96
75) Fluoranthene	19.54	202	463686	15.271	ng	99
78) Pyrene	19.90	202	545473	18.018	ng	98
81) Benzo(a)anthracene	21.75	228	264993	8.548	ng	97
83) Chrysene	21.82	228	288154	9.713	ng	97
86) Indeno(1,2,3-cd)pyrene	28.95	276	132284	3.640	ng	# 98
88) Benzo(b)fluoranthene	24.05	252	313004	10.079	ng	# 93
89) Benzo(k)fluoranthene	24.11	252	110999m	3.612	ng	
90) Benzo(a)pyrene	24.96	252	254668	8.596	ng	97
92) Benzo(a,h,i)perylene	30.16	276	141627	4.924	ng	# 94

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

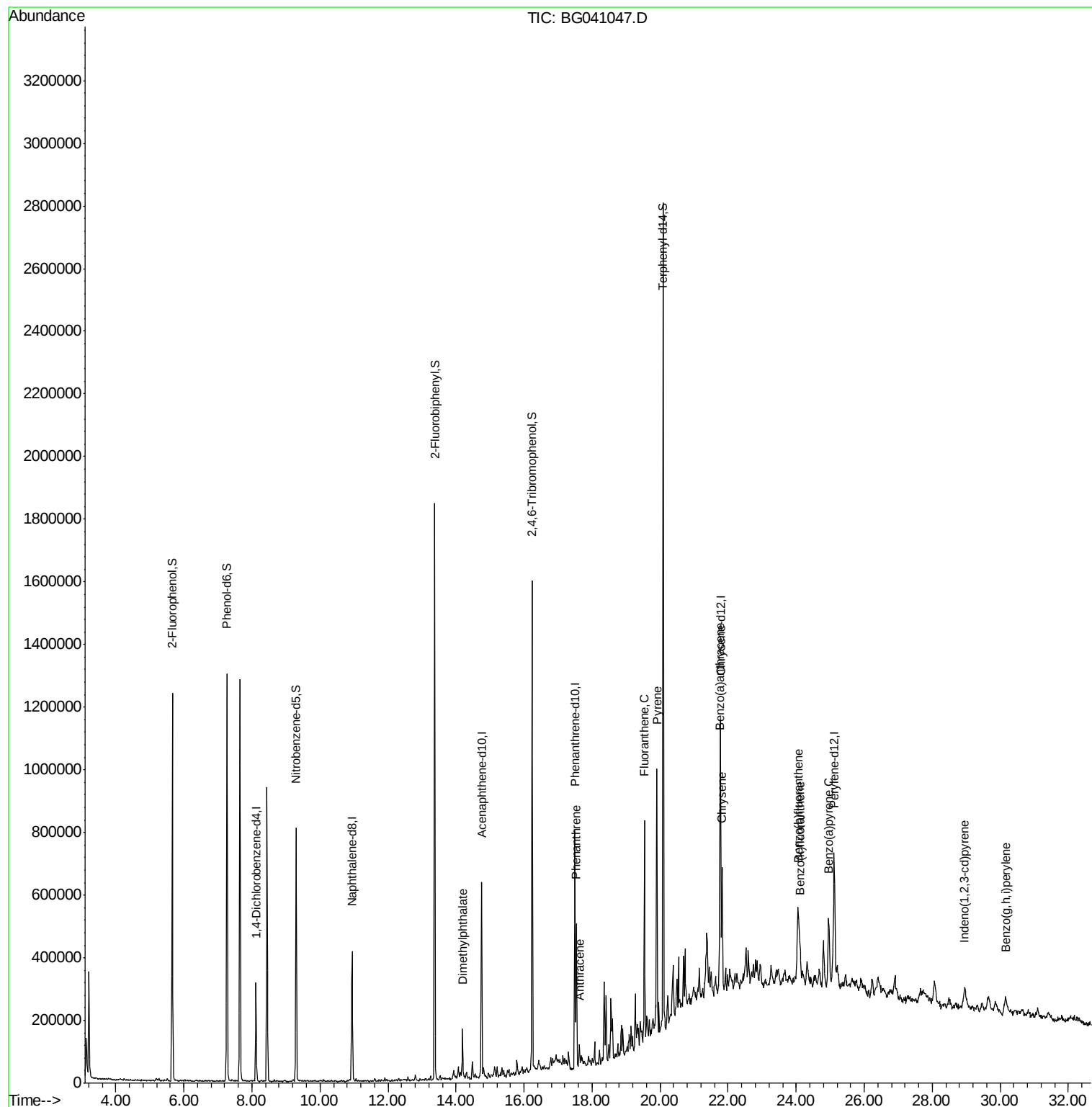
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
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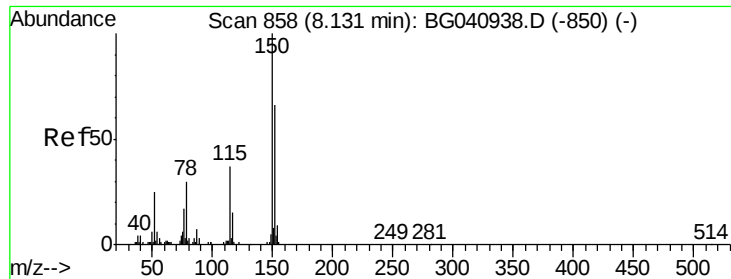
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
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#1

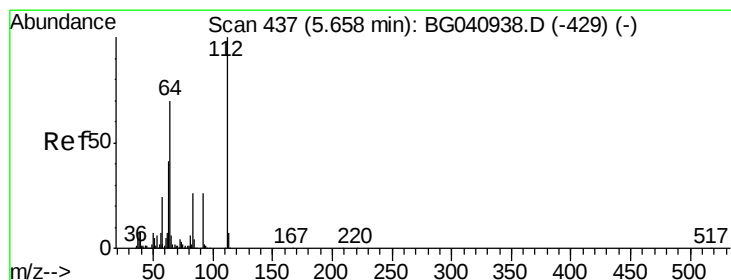
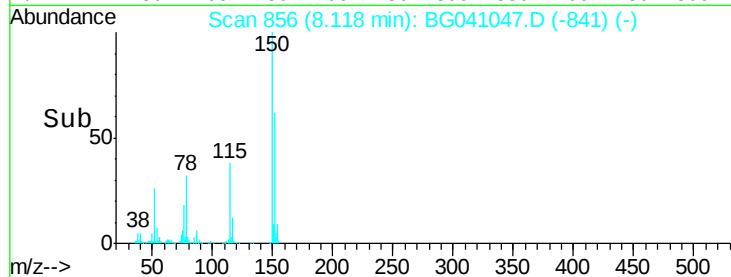
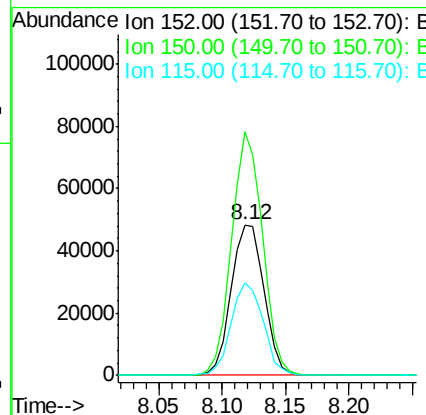
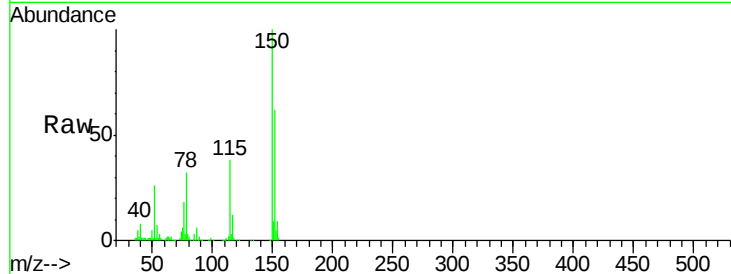
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	120.6	180.8
115	61.3	45.1	67.7

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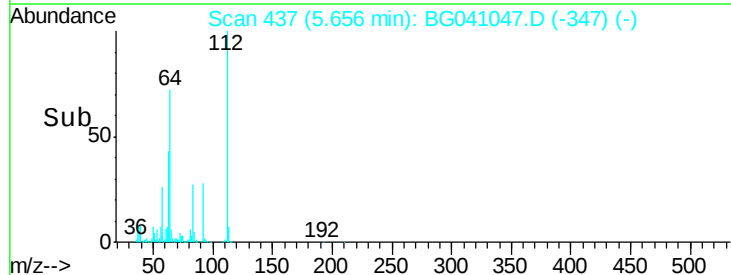
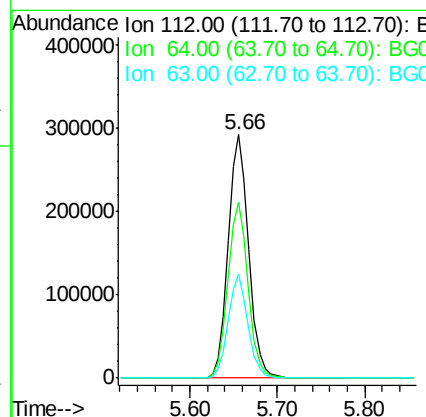
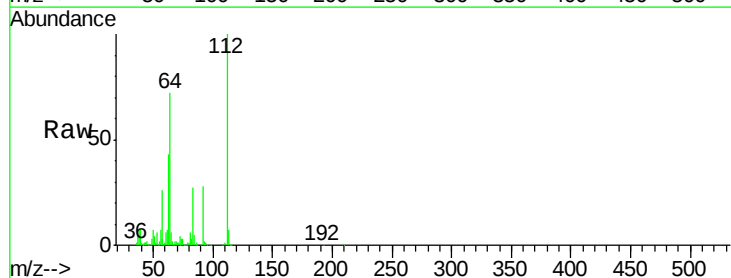
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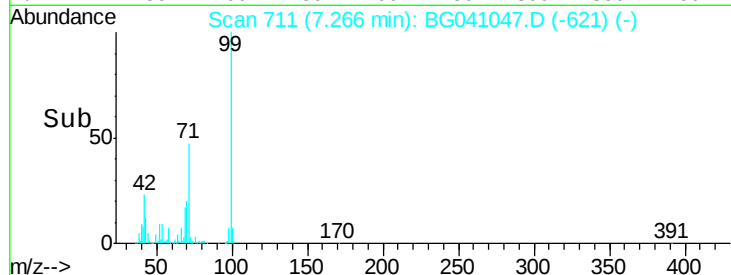
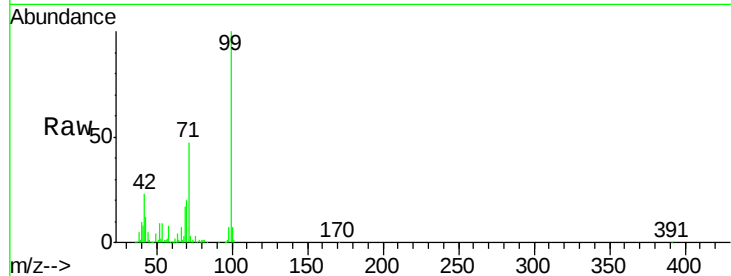
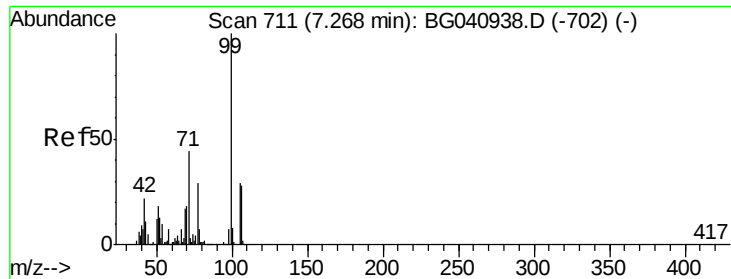


#5

2-Fluorophenol
Concen: 98.383 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	56.2	84.2
63	43.0	32.8	49.2





#7

Phenol-d6

Concen: 92.185 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041047.D

Acq: 3 Jun 2019 23:13

Tot Ion:	99	Resp:	681214
Ion Ratio	Lower	Upper	
99	100		
42	23.3	17.9	26.9
71	47.2	35.4	53.0

Instrument :

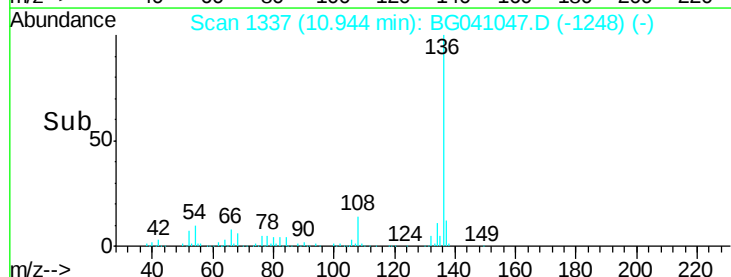
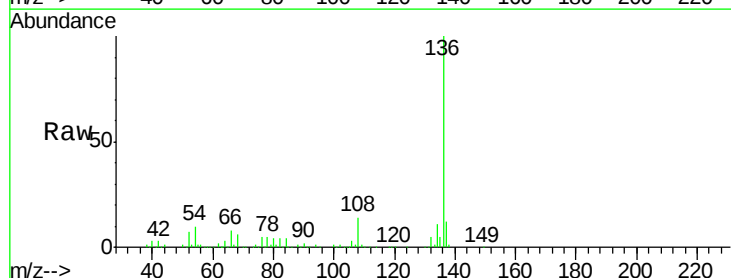
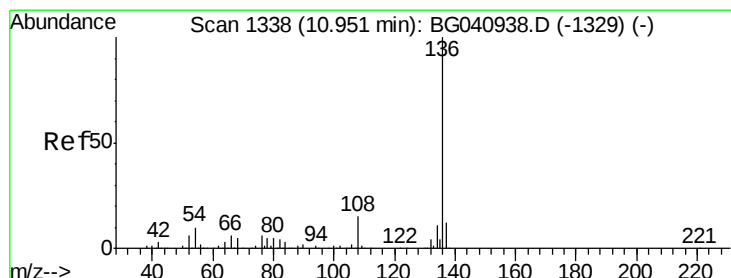
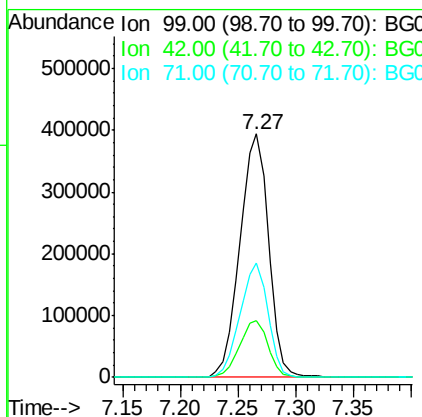
BNA_G

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

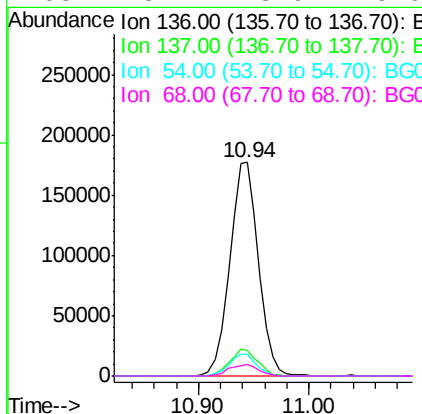
RT: 10.94 min Scan# 1337

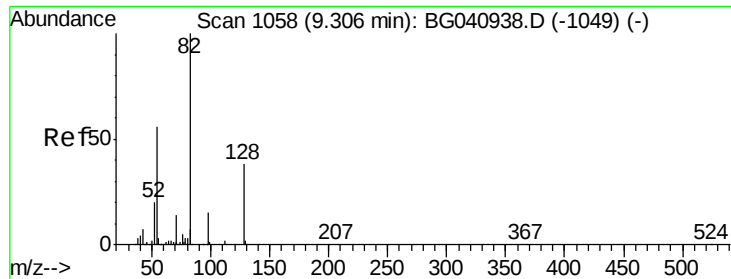
Delta R.T. -0.01 min

Lab File: BG041047.D

Acq: 3 Jun 2019 23:13

Tgt Ion:	136	Resp:	320882
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.5	14.3
54	10.0	7.6	11.4
68	5.7	3.9	5.9





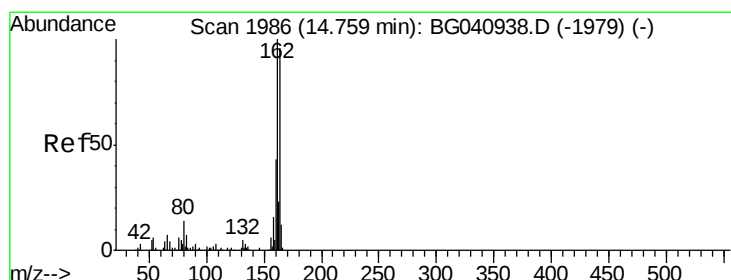
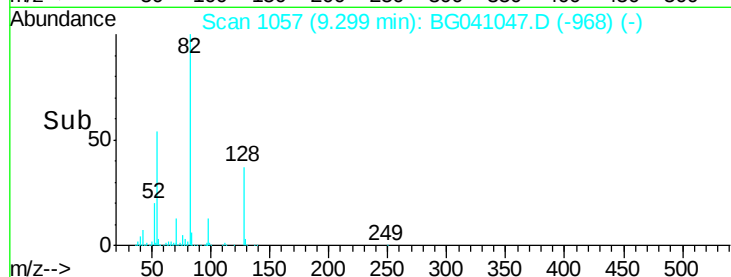
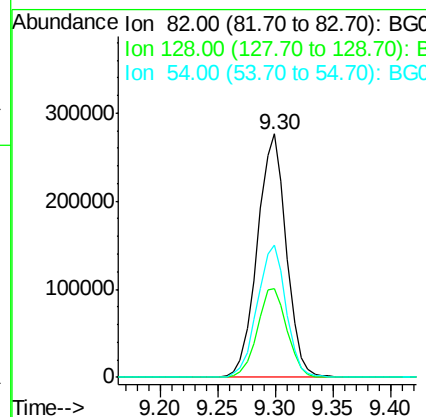
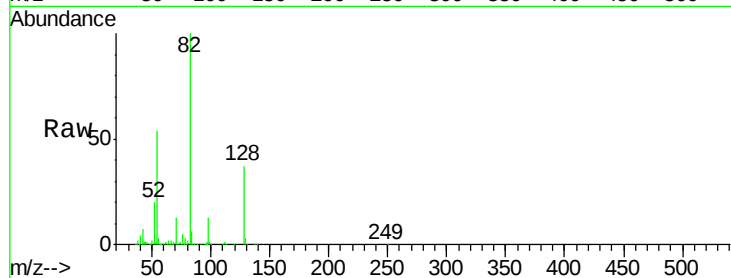
#23
Nitrobenzene-d5
Concen: 66.770 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.5	45.7
54	54.1	44.6	66.8

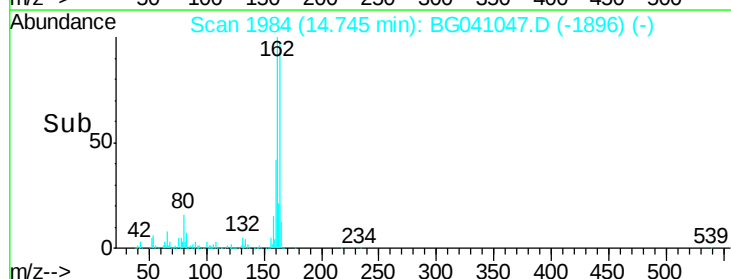
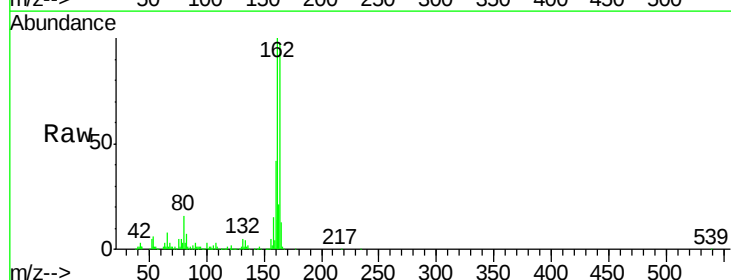
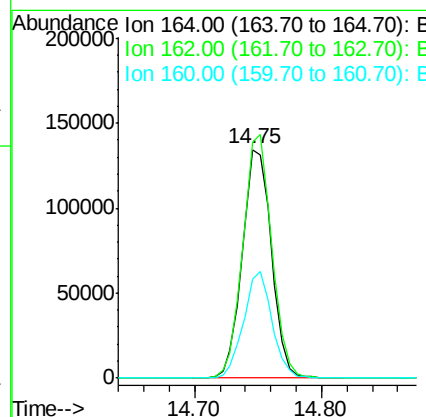
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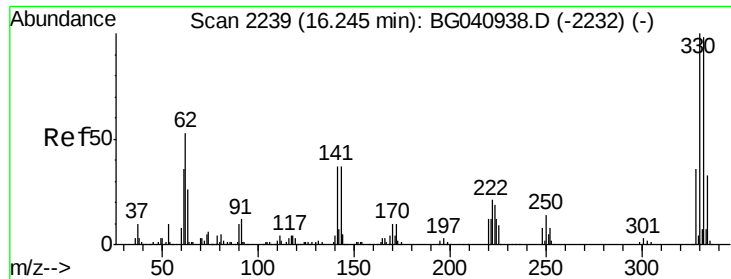
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.4
160	43.2	35.6	53.4





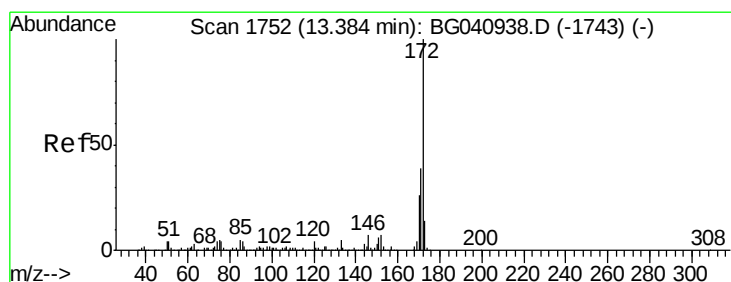
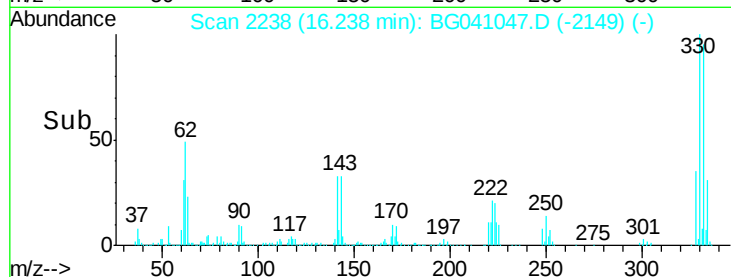
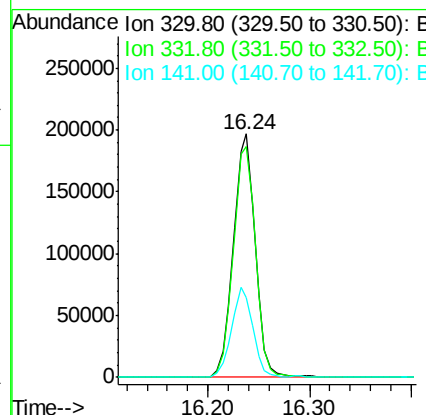
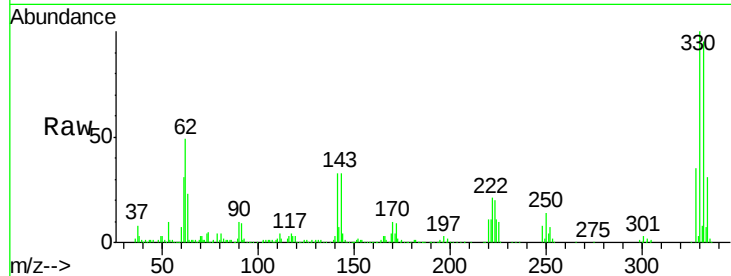
#42
 2,4,6-Tribromophenol
 Concen: 92.809 ng
 RT: 16.24 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG041047.D
 Acq: 3 Jun 2019 23:13

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-053119-D

Tot Ion	Ratio	Resp	Lower	Upper
330	100	294480		
332	97.0		78.5	117.7
141	35.2		28.7	43.1

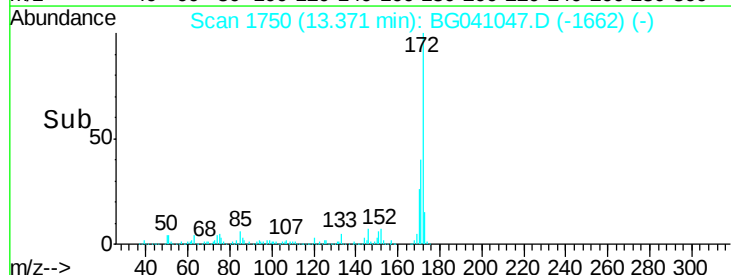
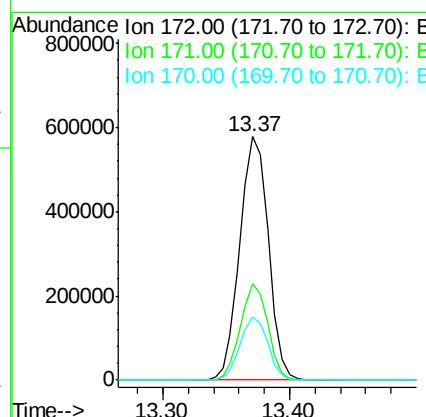
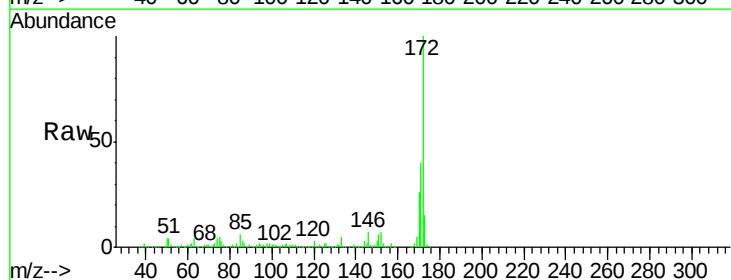
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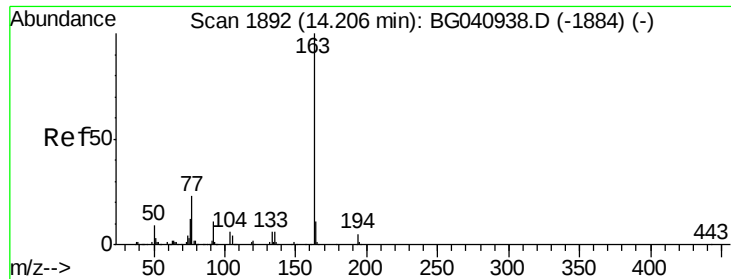
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#45
 2-Fluorobiphenyl
 Concen: 60.791 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG041047.D
 Acq: 3 Jun 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	902211		
171	39.7		31.1	46.7
170	25.9		20.5	30.7





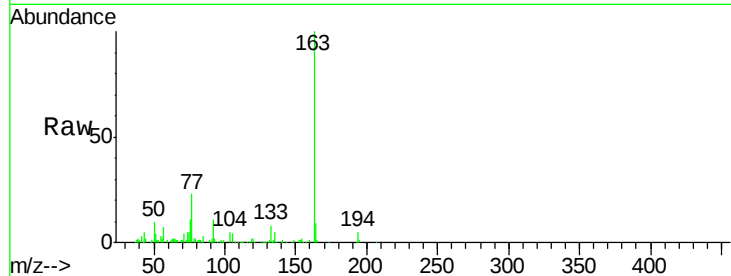
#50
Dimethylphthalate
Concen: 4.858 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

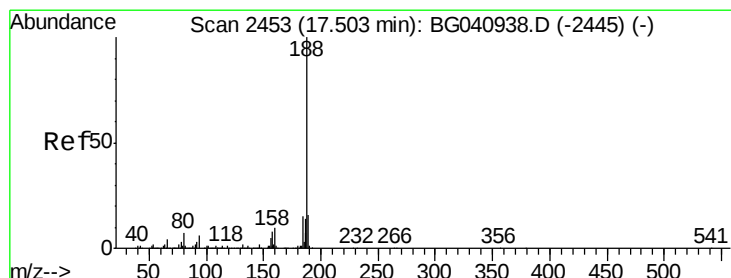
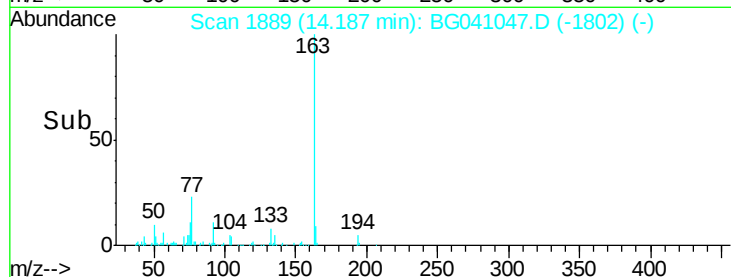
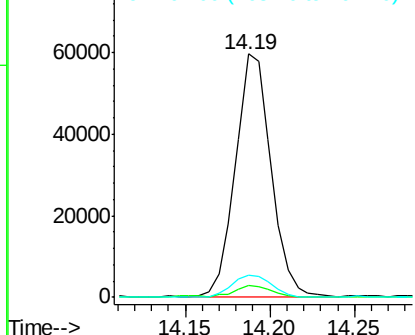
Tot Ion	Ratio	Resp	Lower	Upper
163	100	87893		
194	4.7		3.8	5.8
164	9.2		8.7	13.1

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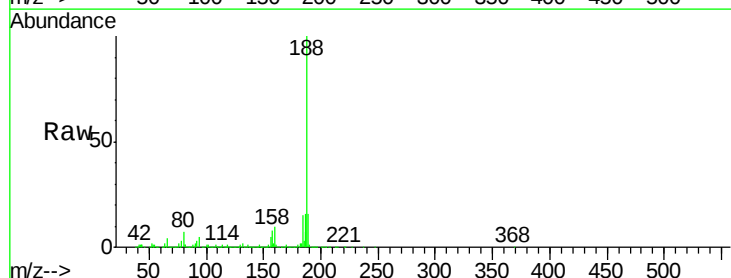


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

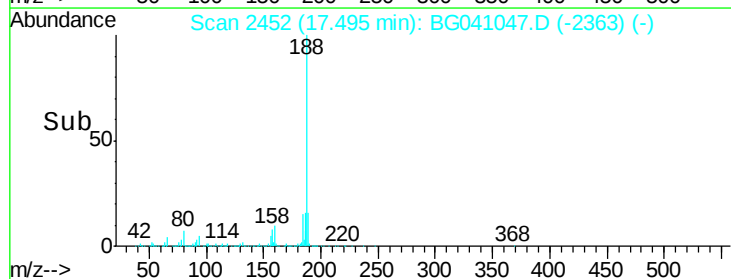
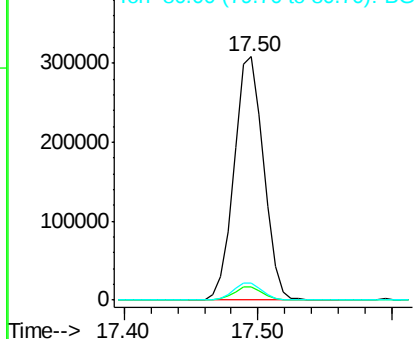


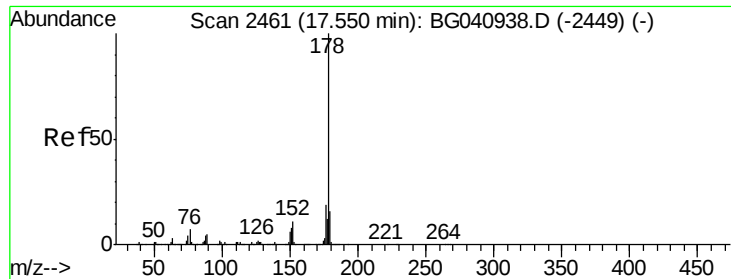
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	471954		
94	5.3		4.7	7.1
80	7.1		5.8	8.8



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





#71

Phenanthrene

Concen: 11.804 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG041047.D

Acq: 3 Jun 2019 23:13

Instrument :

BNA_G

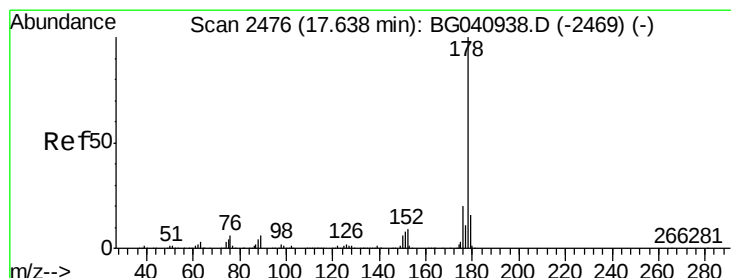
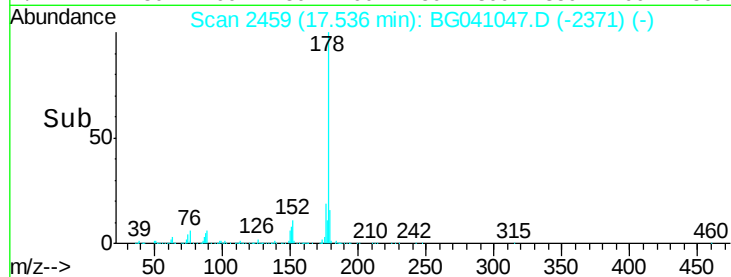
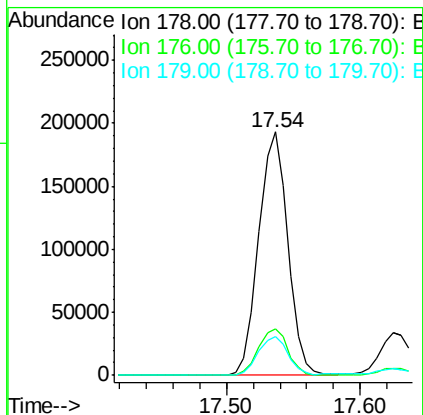
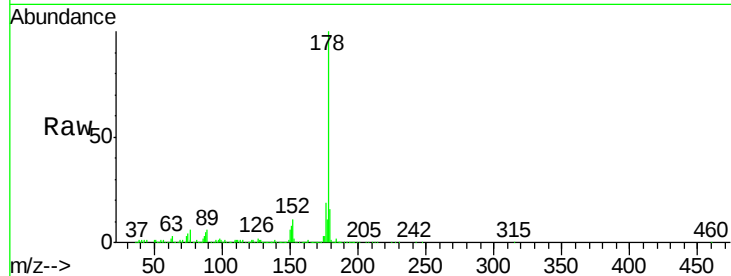
ClientSampleId :

CL-02-053119-D

Tot Ion:178	Resp:	290179
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.5 23.3
179	16.0	12.7 19.1

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#72

Anthracene

Concen: 2.127 ng

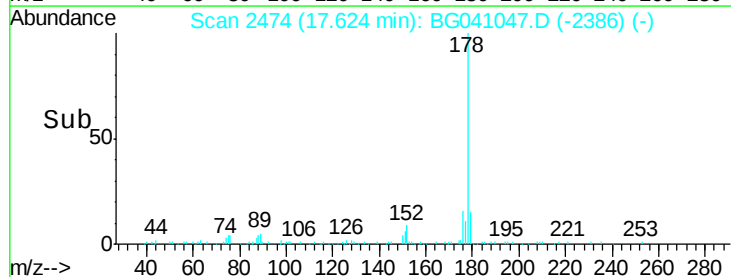
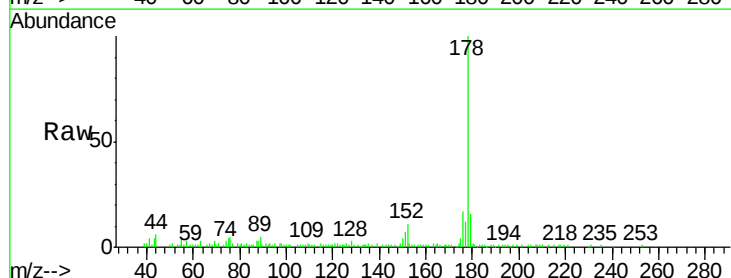
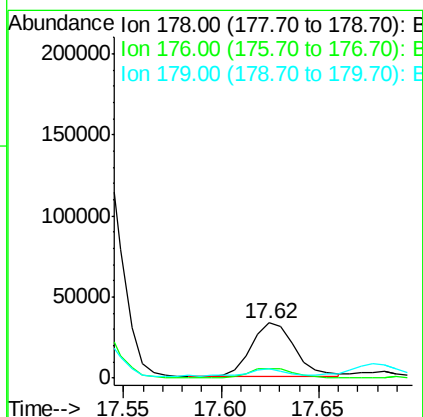
RT: 17.62 min Scan# 2474

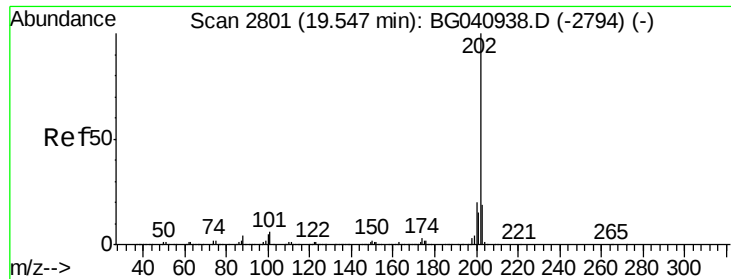
Delta R.T. -0.01 min

Lab File: BG041047.D

Acq: 3 Jun 2019 23:13

Tgt Ion:178	Resp:	51579
Ion Ratio	Lower	Upper
178	100	
176	16.9	15.6 23.4
179	15.9	13.0 19.4





#75

Fluoranthene

Concen: 15.271 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041047.D

Acq: 3 Jun 2019 23:13

Instrument :

BNA_G

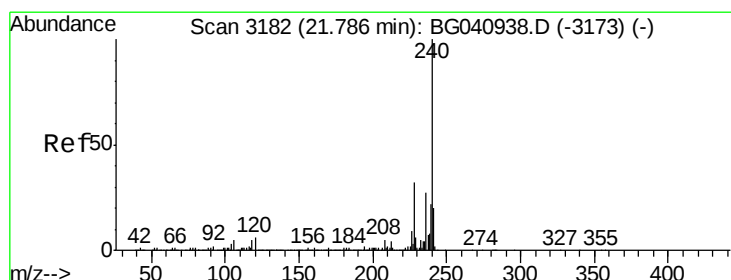
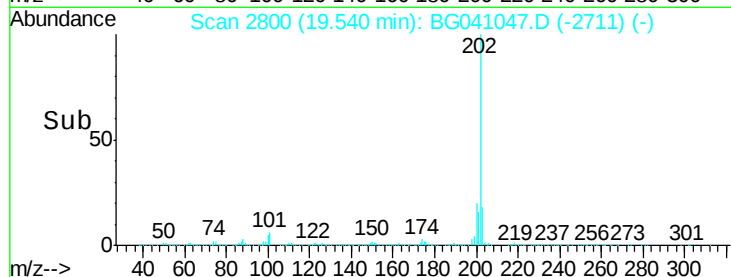
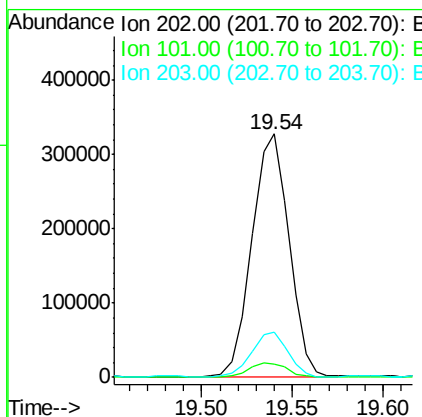
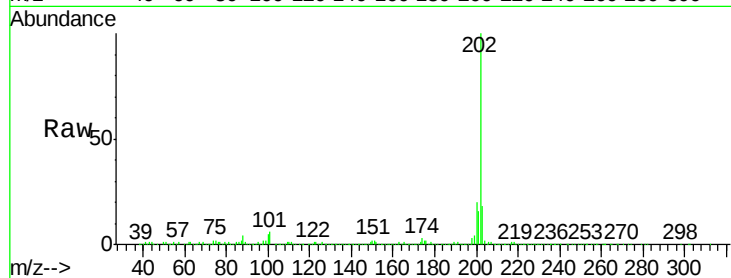
ClientSampleId :

CL-02-053119-D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		463686		
101	5.7	0.0	26.2		
203	18.4	0.0	38.7		

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#76

Chrysene-d12

Concen: 20.000 ng

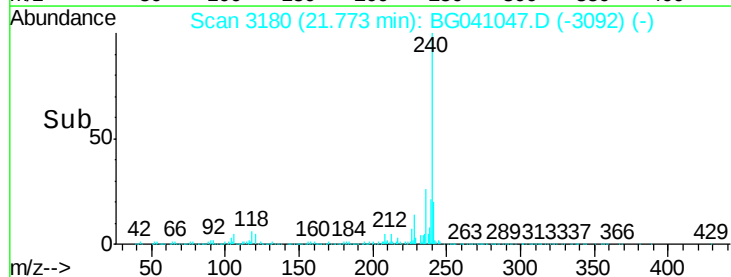
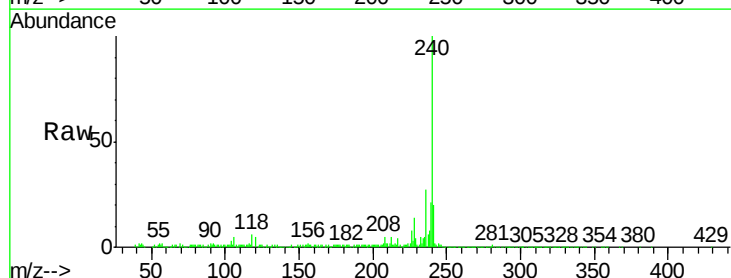
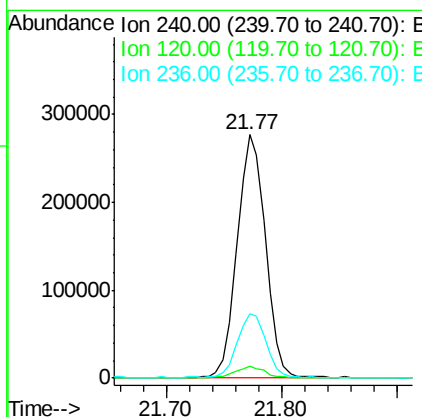
RT: 21.77 min Scan# 3180

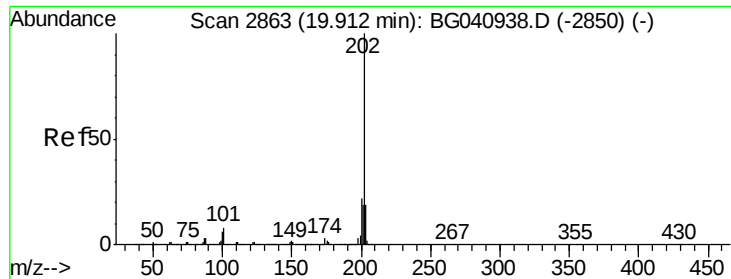
Delta R.T. -0.01 min

Lab File: BG041047.D

Acq: 3 Jun 2019 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		465698		
120	5.0	4.5	6.7		
236	26.5	21.3	31.9		





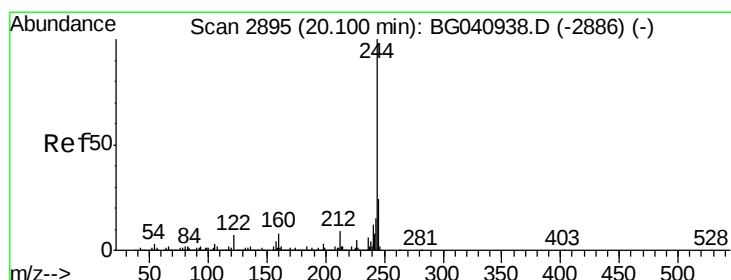
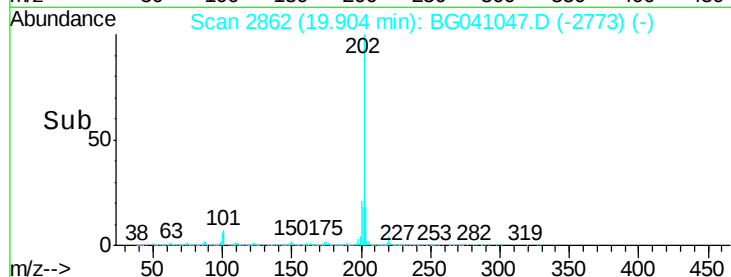
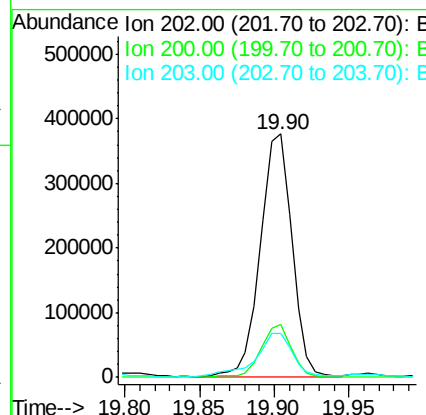
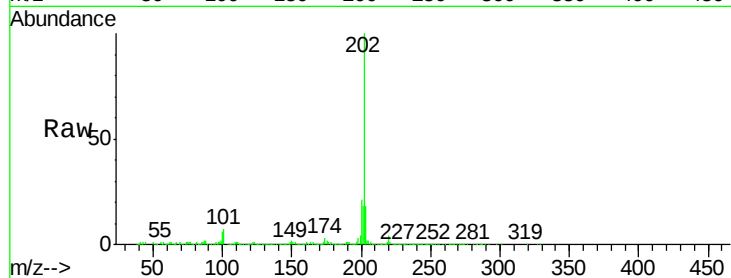
#78
Pvrene
Concen: 18.018 ng
RT: 19.90 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	17.5	26.3
203	18.2	15.6	23.4

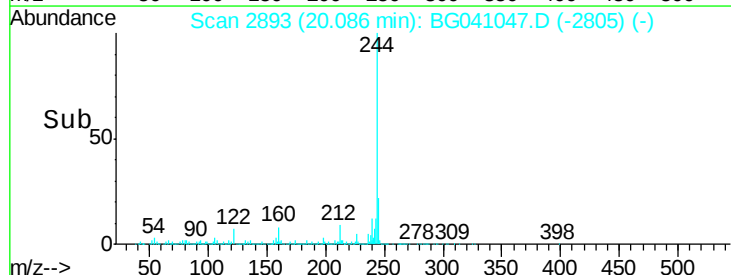
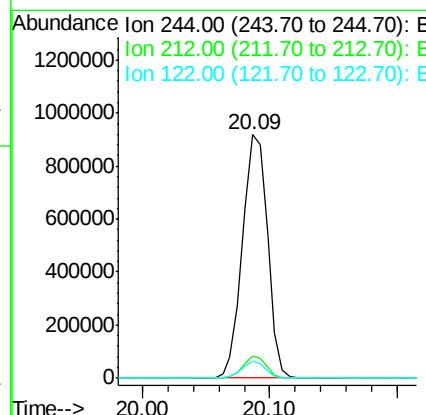
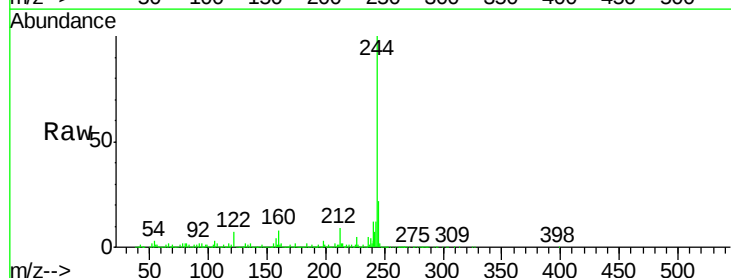
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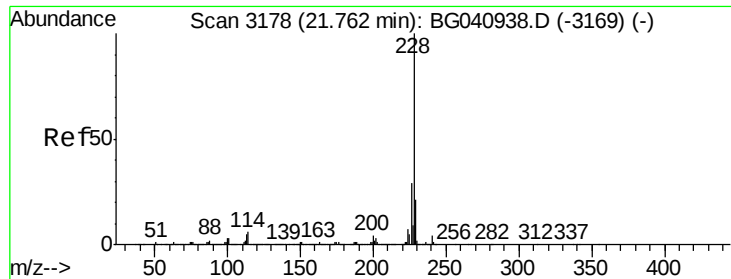
mohammad
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#79
Terphenyl-d14
Concen: 57.245 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.9	7.0	10.4
122	7.1	5.4	8.0





#81

Benzo(a)anthracene

Concen: 8.548 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041047.D

Acq: 3 Jun 2019 23:13

Instrument :

BNA_G

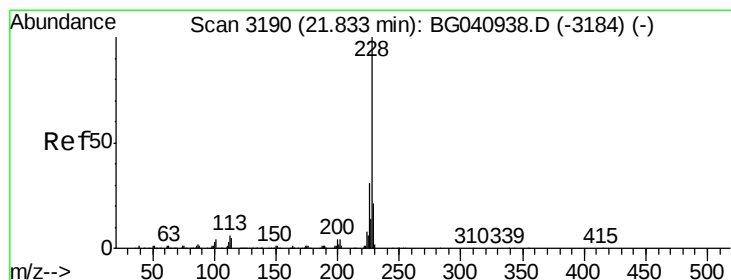
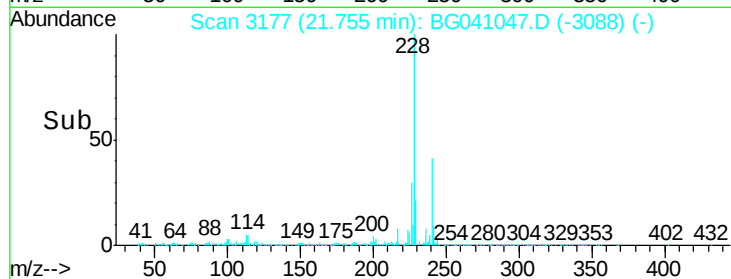
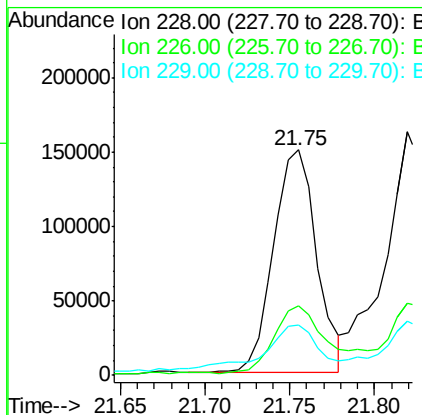
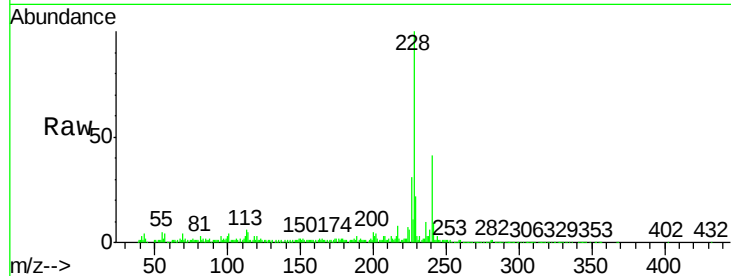
ClientSampleId :

CL-02-053119-D

Tot Ion:	228	Resp:	264993
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.5	35.3
229	22.1	16.7	25.1

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#83

Chrysene

Concen: 9.713 ng

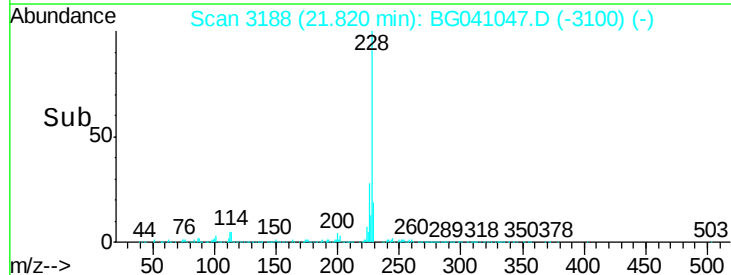
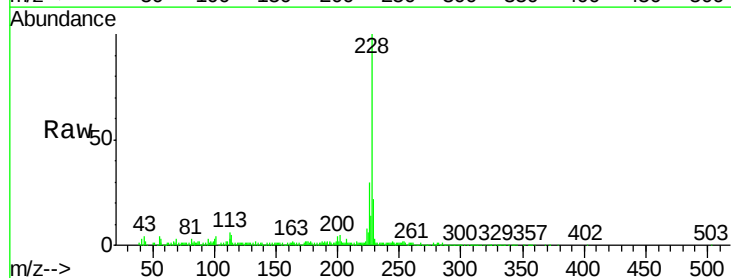
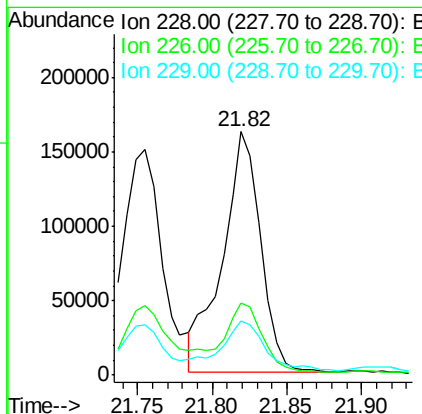
RT: 21.82 min Scan# 3188

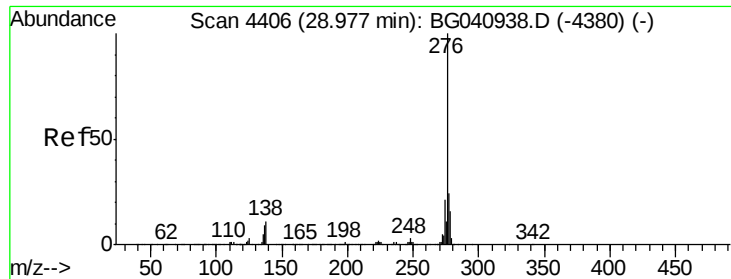
Delta R.T. -0.01 min

Lab File: BG041047.D

Acq: 3 Jun 2019 23:13

Tgt Ion:	228	Resp:	288154
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.6	37.0
229	22.2	16.6	24.8





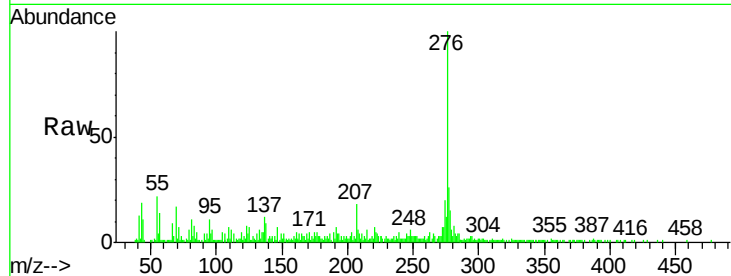
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.640 ng
RT: 28.95 min Scan# 4402
Delta R.T. -0.03 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

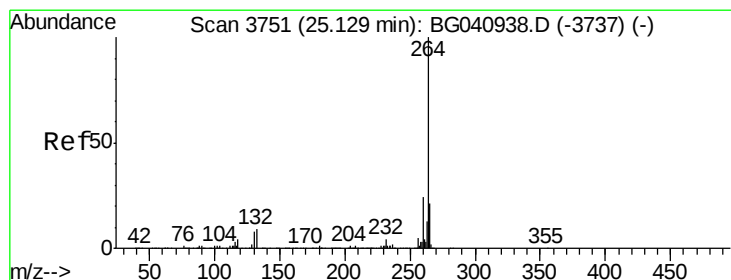
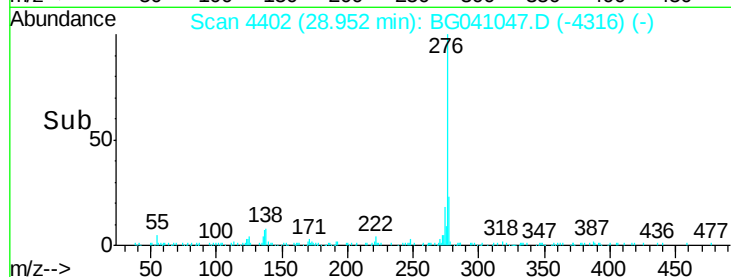
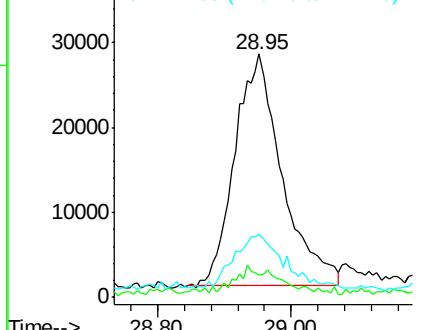
Tot Ion	Ratio	Lower	Upper
276	100		
138	5.5	5.7	8.5#
277	25.3	20.8	31.2

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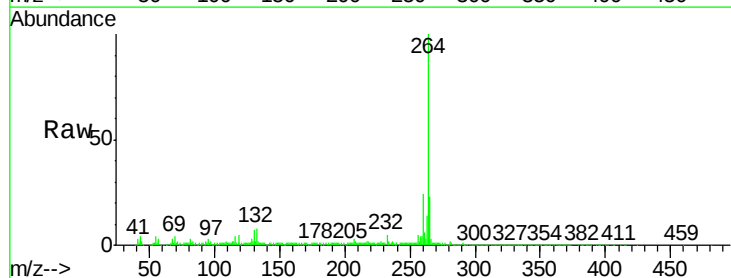


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

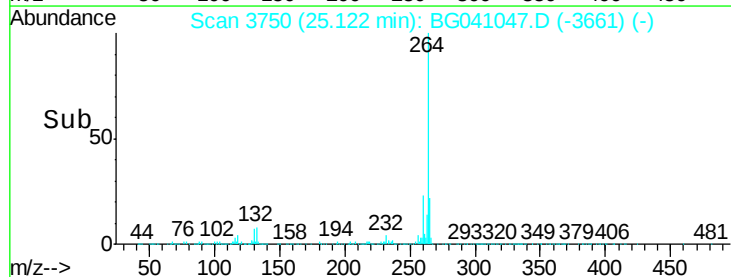
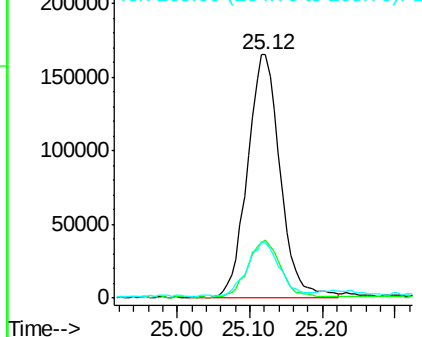


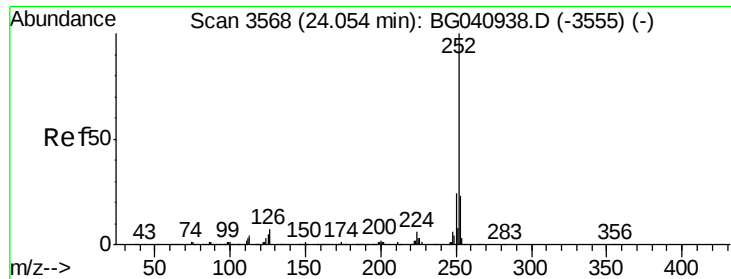
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3750
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	22.8	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





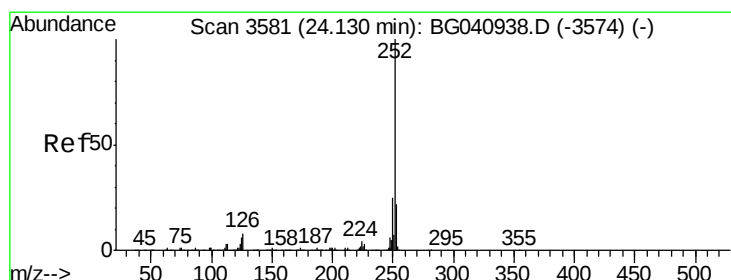
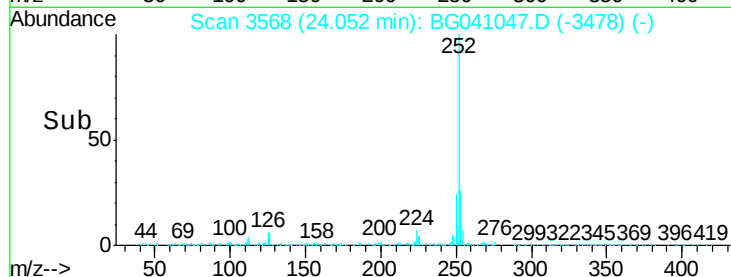
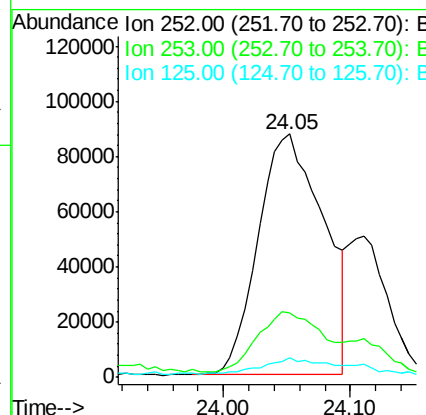
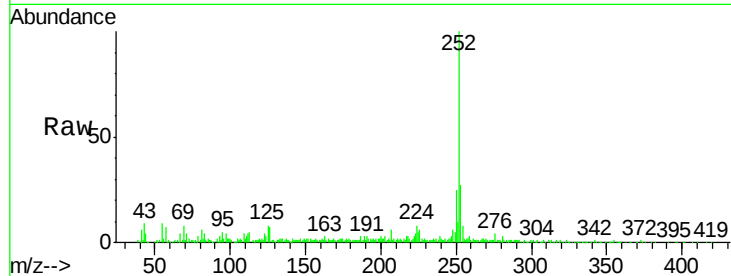
#88
Benzo(b)fluoranthene
Concen: 10.079 ng
RT: 24.05 min Scan# 3568
Delta R.T. -0.00 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.4	27.6
125	8.1	4.3	6.5

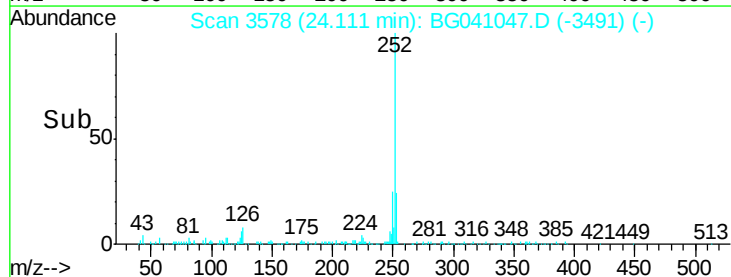
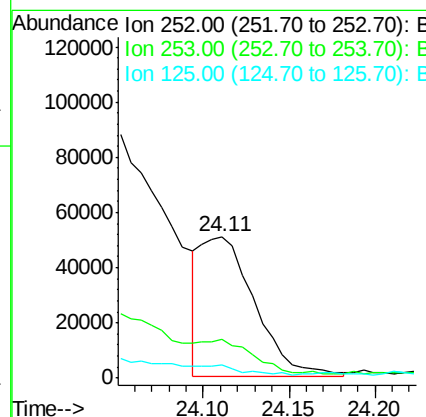
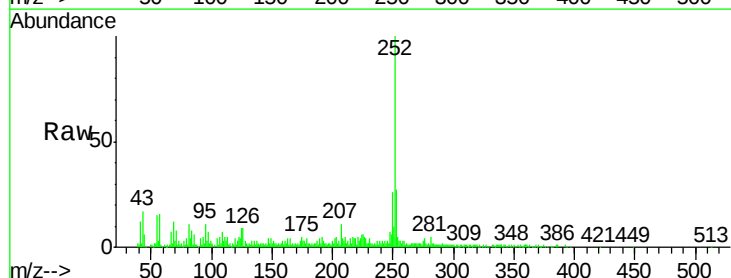
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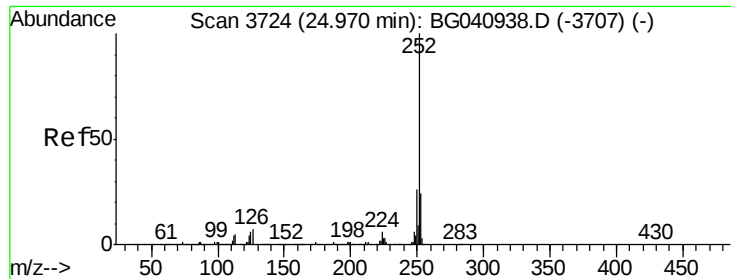
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#89
Benzo(k)fluoranthene
Concen: 3.612 ng m
RT: 24.11 min Scan# 3578
Delta R.T. -0.02 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.8	26.6
125	8.9	4.7	7.1





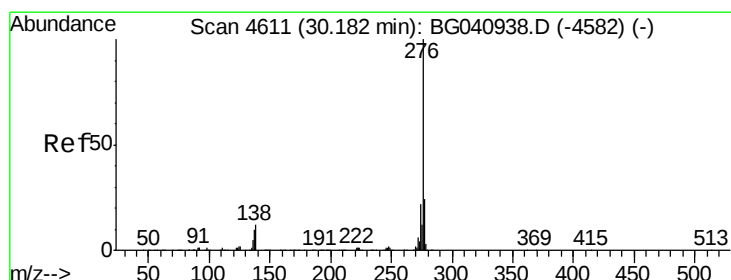
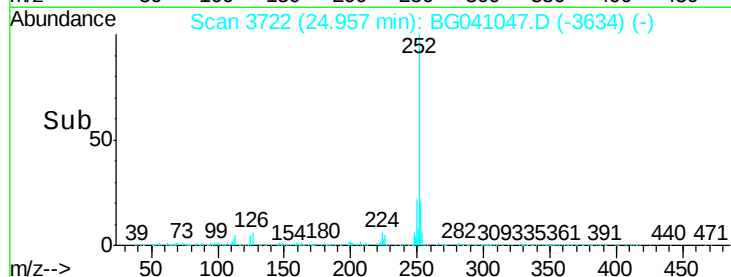
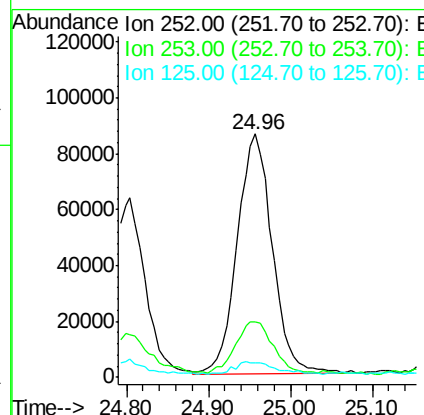
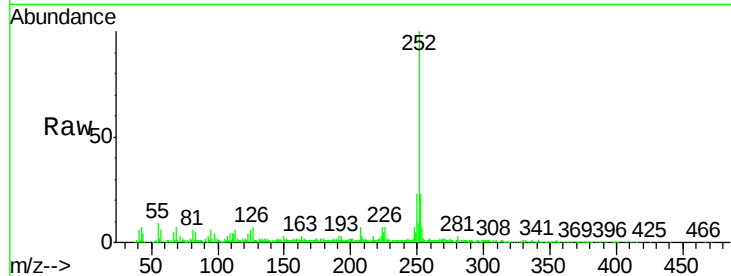
#90
Benzo(a)pyrene
Concen: 8.596 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-D

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	19.5	29.3
125	6.1	5.1	7.7

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#92
Benzo(g,h,i)perylene
Concen: 4.924 ng
RT: 30.16 min Scan# 4607
Delta R.T. -0.03 min
Lab File: BG041047.D
Acq: 3 Jun 2019 23:13

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	26.6	19.4	29.0
138	15.7	9.7	14.5

