

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
 Data File : BG041359.D
 Acq On : 20 Jun 2019 16:28
 Operator : HP/JU
 Sample : K3157-03 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-B

Manual Integrations
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 6/21/2019 9:58:41 PM

Quant Time: Jun 20 17:18:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44675	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172383	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116289	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	263542	20.00	ng	0.00
76) Chrysene-d12	21.74	240	268741	20.00	ng	0.00
87) Perylene-d12	25.07	264	204223	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	122529	50.39	ng	0.00
7) Phenol-d6	7.24	99	181511	51.50	ng	0.00
23) Nitrobenzene-d5	9.26	82	131947	32.19	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	86109	48.23	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	299788	35.04	ng	0.00
79) Terphenyl-d14	20.06	244	452711	33.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	30197	2.918	ng	Qvalue # 96
71) Phenanthrene	17.51	178	349199	24.844	ng	99
72) Anthracene	17.60	178	87760	6.333	ng	98
75) Fluoranthene	19.52	202	566316	30.328	ng	98
78) Pyrene	19.88	202	489090	26.986	ng	98
81) Benzo(a)anthracene	21.73	228	272608	14.982	ng	99
83) Chrysene	21.79	228	233066	13.319	ng	97
86) Indeno(1,2,3-cd)pyrene	28.89	276	61474	2.961	ng	# 92
88) Benzo(b)fluoranthene	24.01	252	209517	16.554	ng	# 86
89) Benzo(k)fluoranthene	24.07	252	126582m	10.096	ng	
90) Benzo(a)pyrene	24.92	252	150190	12.565	ng	# 92
92) Benzo(g,h,i)perylene	30.10	276	52236	4.392	ng	# 84

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

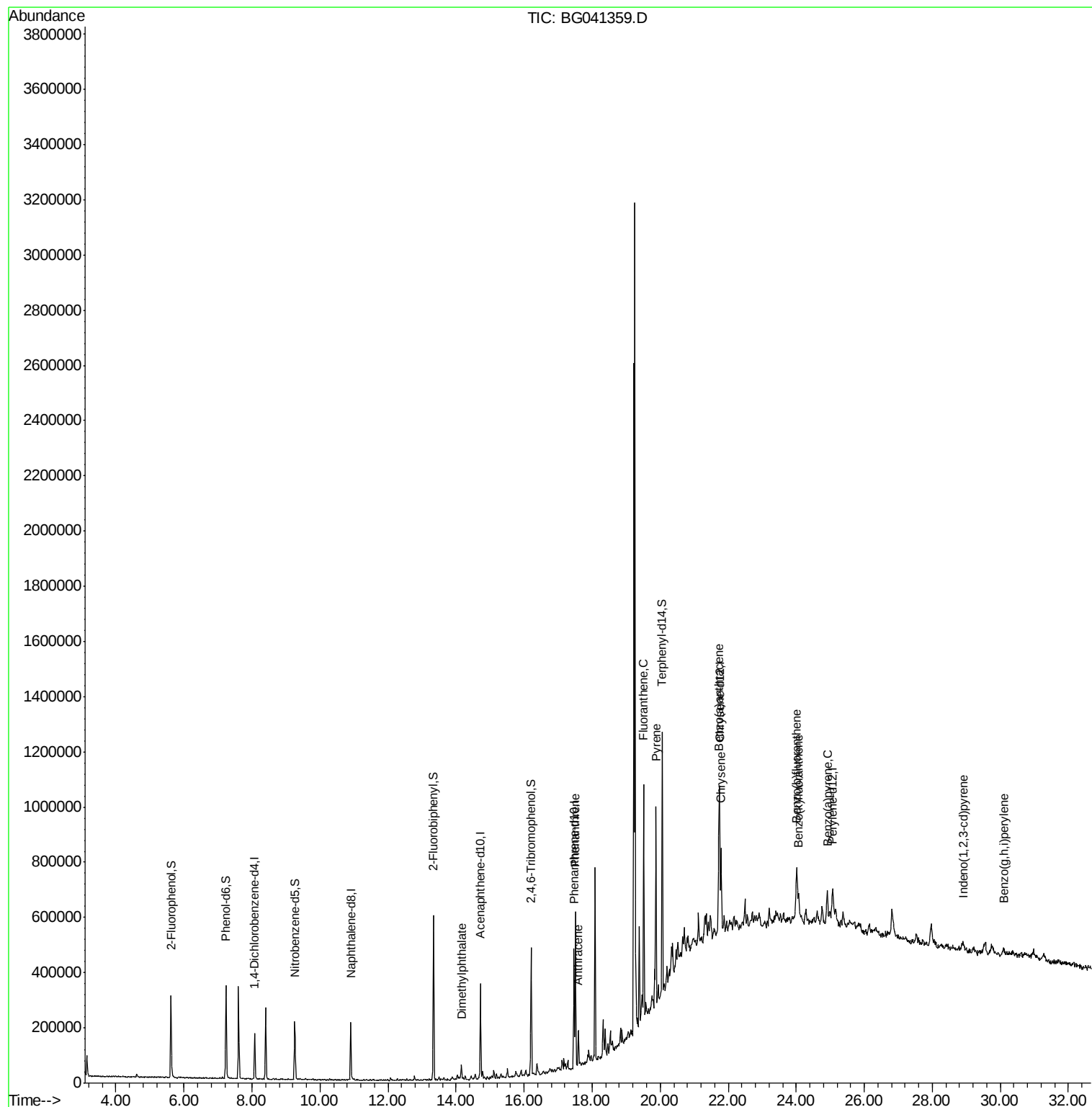
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041359.D
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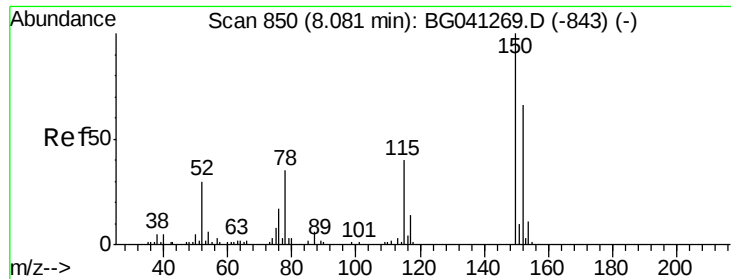
Instrument :
BNA_G
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CL-01-061719-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
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#1

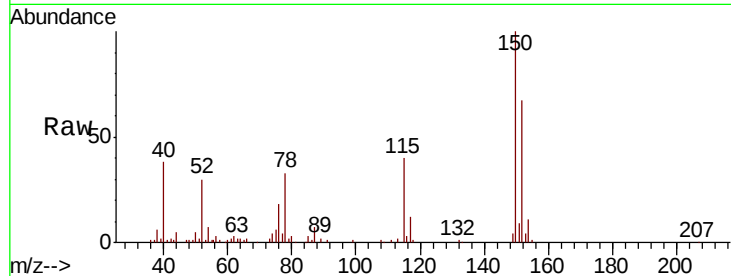
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.0	120.6	181.0
115	60.3	47.9	71.9

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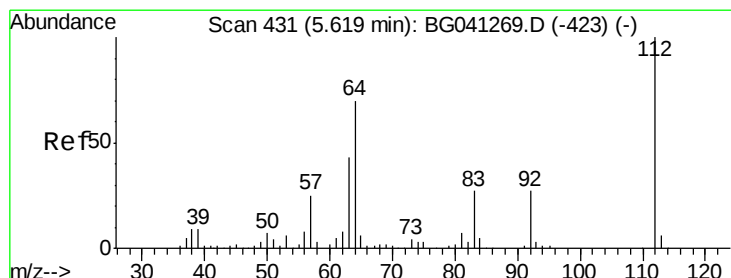
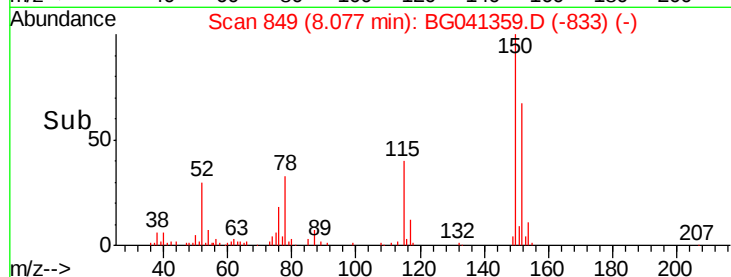
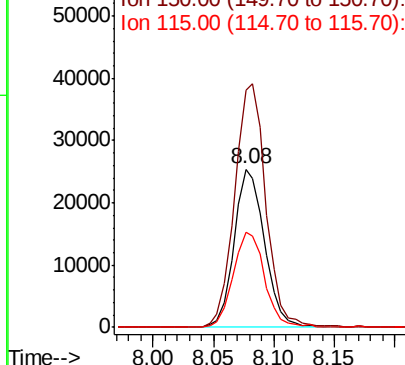


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

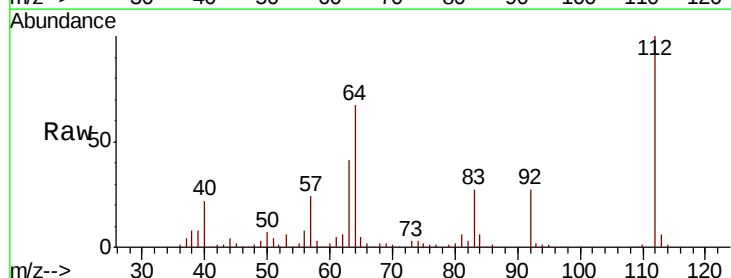
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 50.394 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	55.9	83.9
63	40.9	34.6	51.8

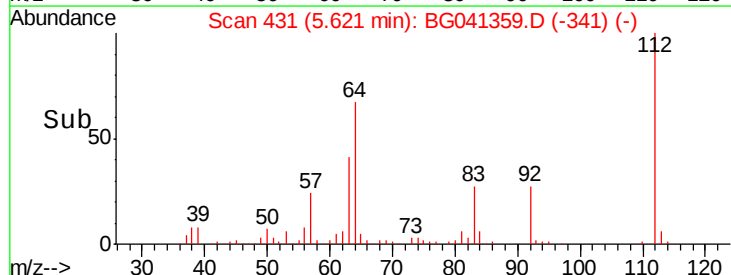
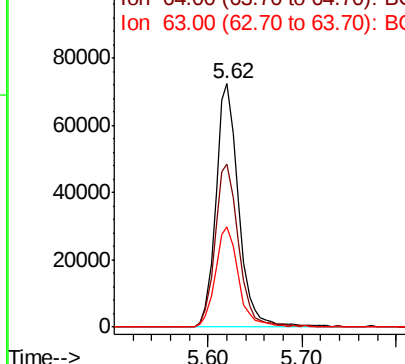


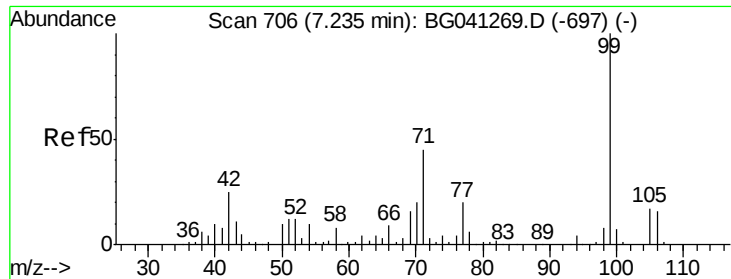
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 51.502 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041359.D

Acq: 20 Jun 2019 16:28

Instrument :

BNA_G

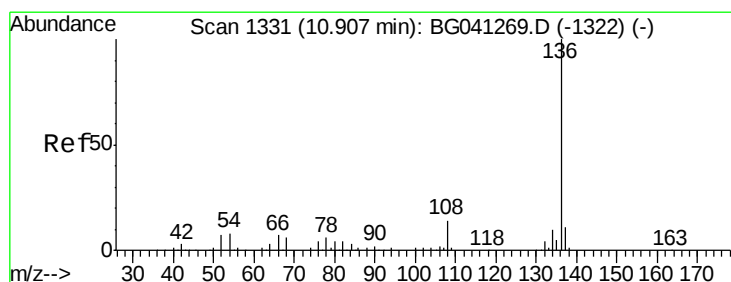
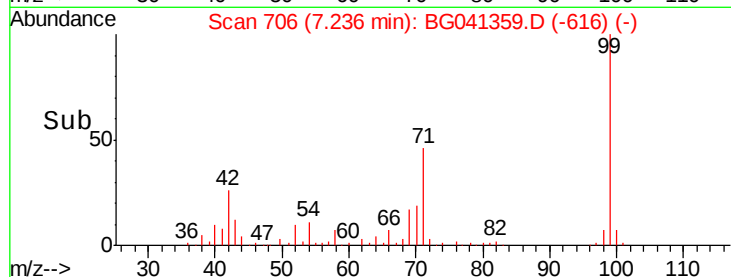
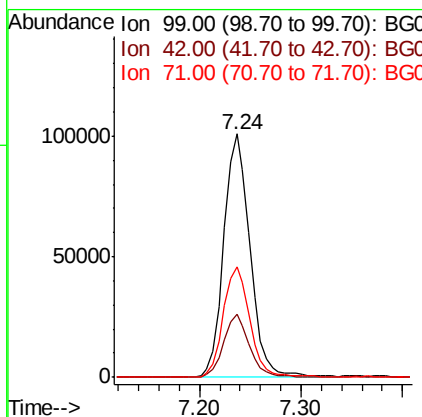
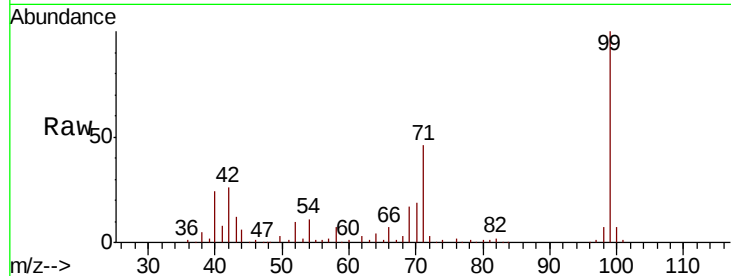
ClientSampled :

CL-01-061719-B

Tgt Ion:	99	Resp:	181511
Ion Ratio	Lower	Upper	
99	100		
42	25.7	19.9	29.9
71	45.6	36.4	54.6

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#21

Naphthalene-d8

Concen: 20.000 ng

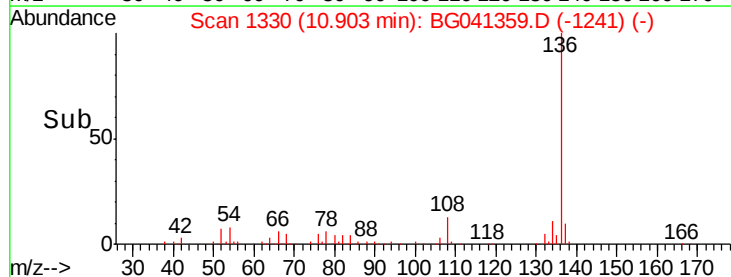
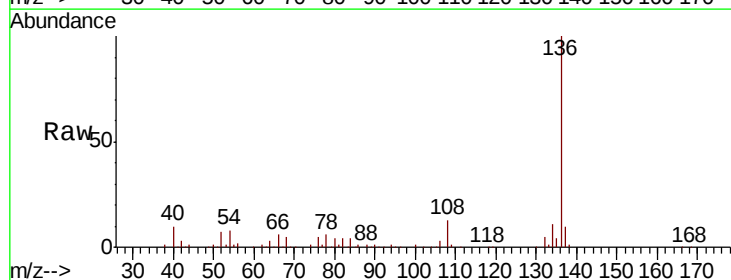
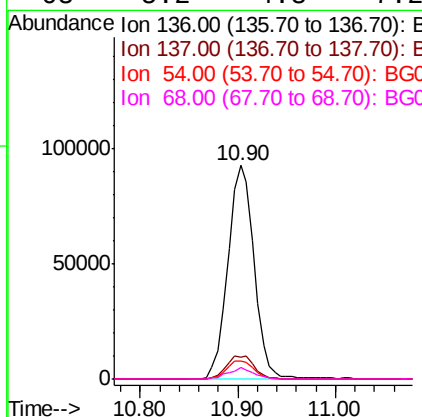
RT: 10.90 min Scan# 1330

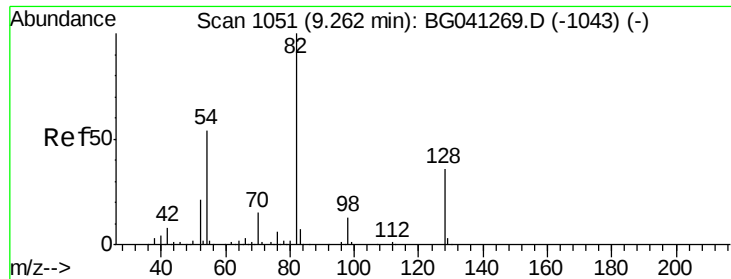
Delta R.T. -0.00 min

Lab File: BG041359.D

Acq: 20 Jun 2019 16:28

Tgt Ion:	136	Resp:	172383
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.8	13.2
54	8.3	6.4	9.6
68	5.2	4.8	7.2





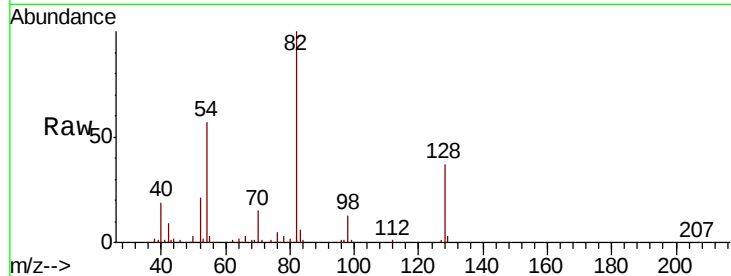
#23
 Nitrobenzene-d5
 Concen: 32.191 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG041359.D
 Acq: 20 Jun 2019 16:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.2	43.8
54	56.8	43.4	65.0

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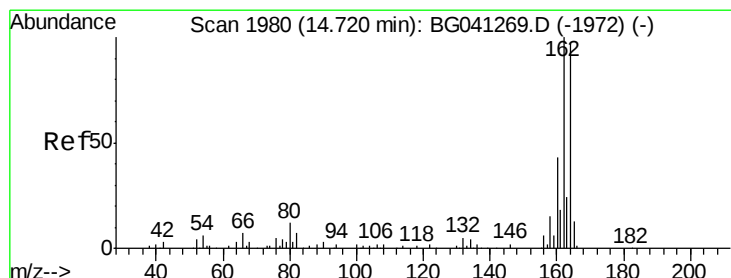
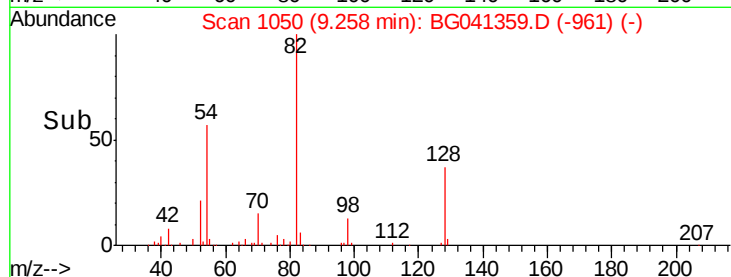
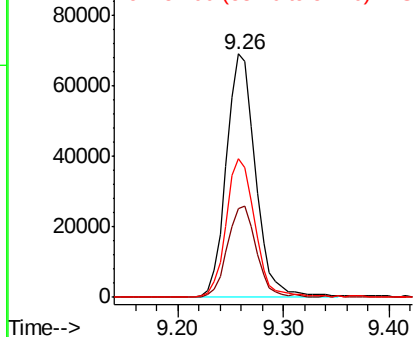


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG041359.D
 Acq: 20 Jun 2019 16:28

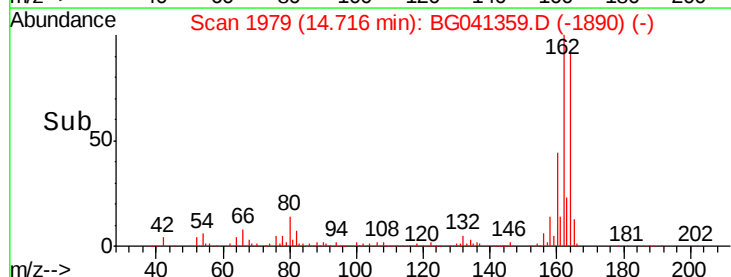
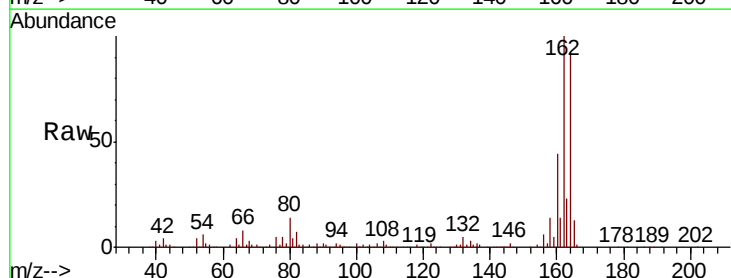
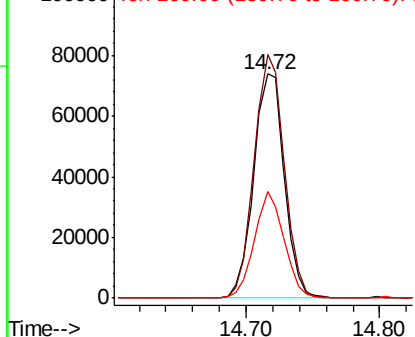
Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.7	82.8	124.2
160	47.6	35.8	53.8

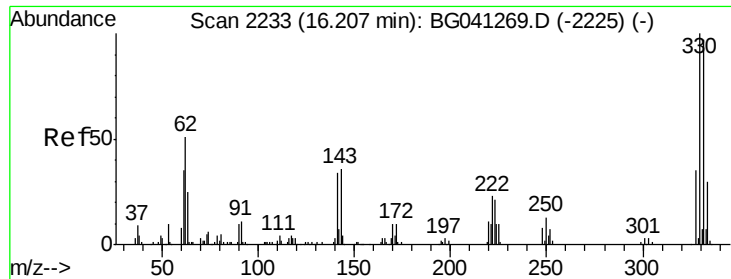
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 48.232 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041359.D

Acq: 20 Jun 2019 16:28

Instrument :

BNA_G

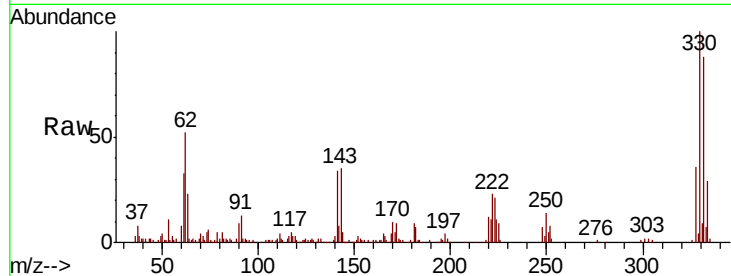
ClientSampled :

CL-01-061719-B

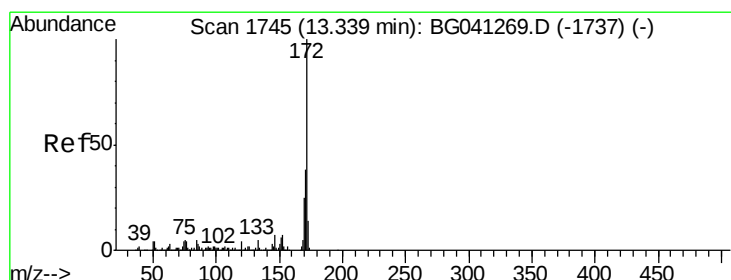
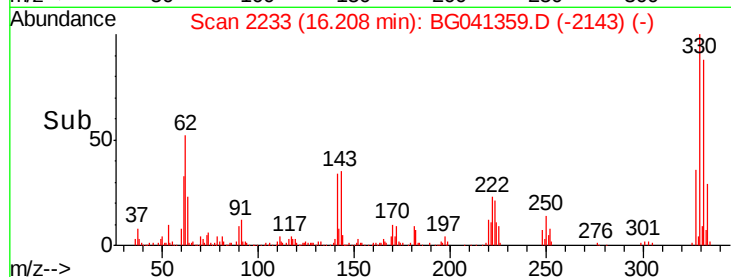
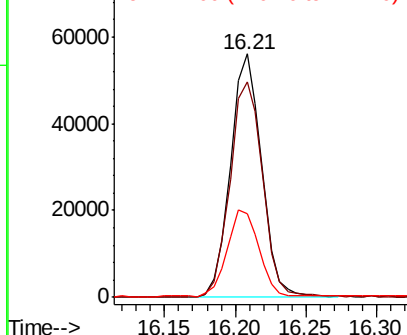
Tgt Ion:	330	Resp:	86109
Ion Ratio	Lower	Upper	
330	100		
332	92.8	75.5	113.3
141	38.2	29.0	43.4

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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: 35.038 ng

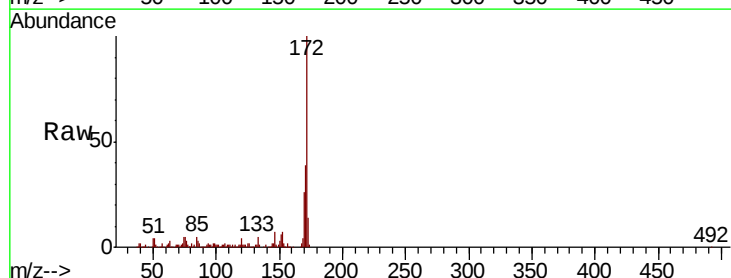
RT: 13.34 min Scan# 1744

Delta R.T. -0.00 min

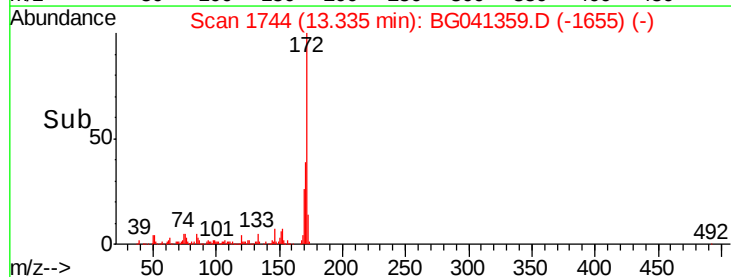
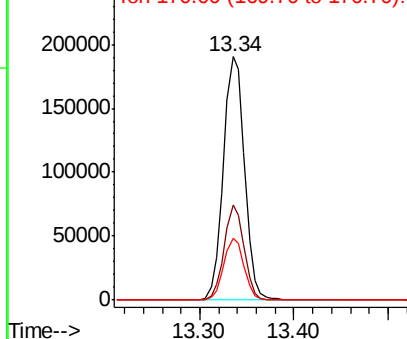
Lab File: BG041359.D

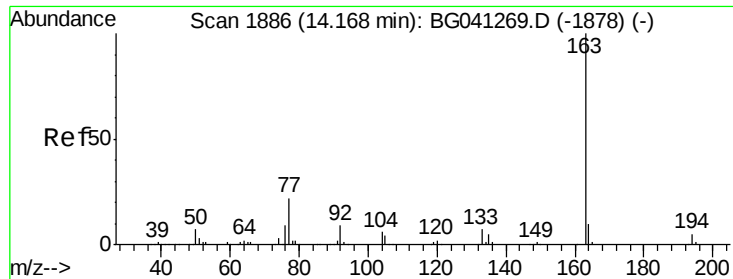
Acq: 20 Jun 2019 16:28

Tgt Ion:	172	Resp:	299788
Ion Ratio	Lower	Upper	
172	100		
171	39.1	30.0	45.0
170	25.6	19.8	29.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





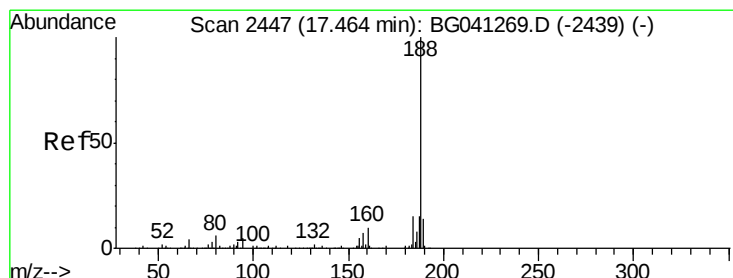
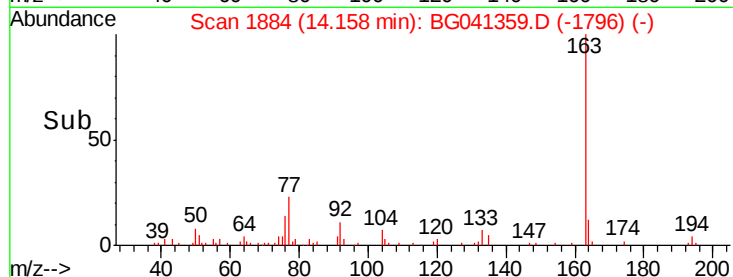
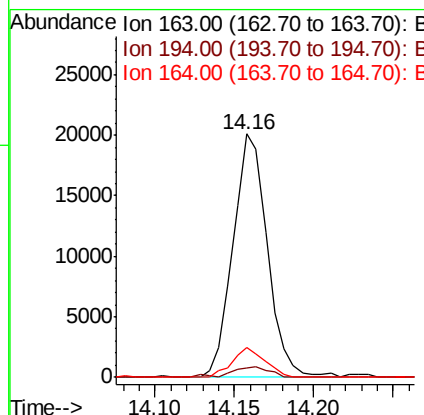
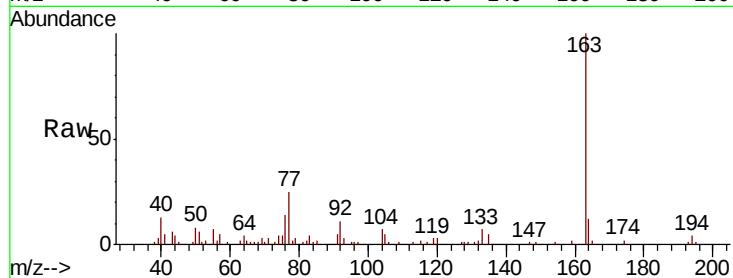
#50
Dimethylphthalate
Concen: 2.918 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-B

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	30197		
194	3.8		3.9	5.9#
164	12.1		8.3	12.5

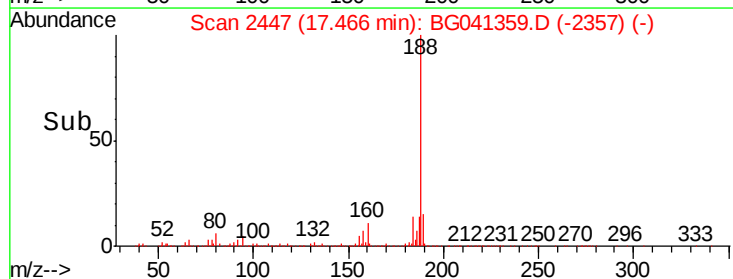
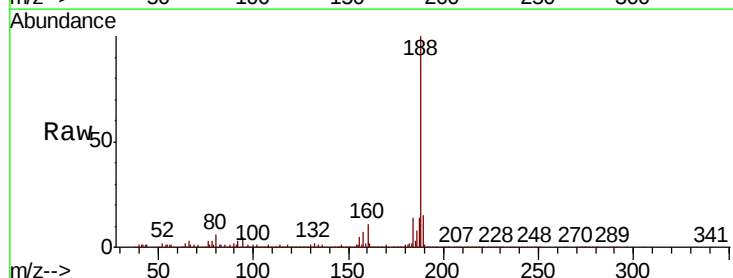
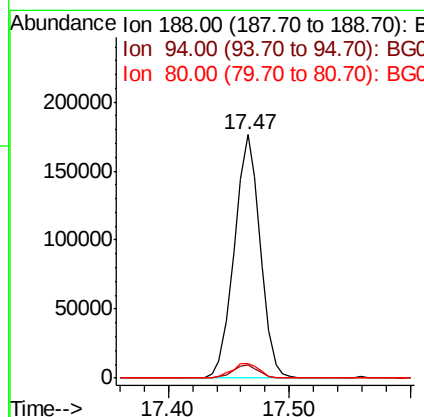
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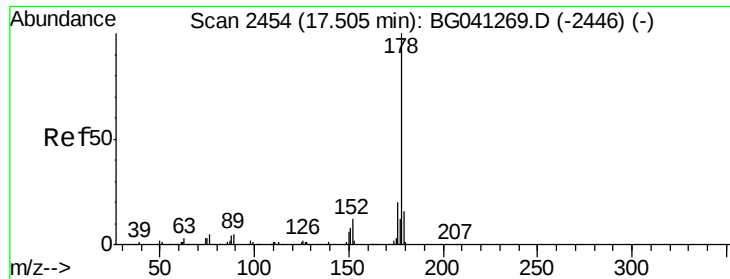
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	263542		
94	5.4		3.6	5.4#
80	6.1		4.8	7.2





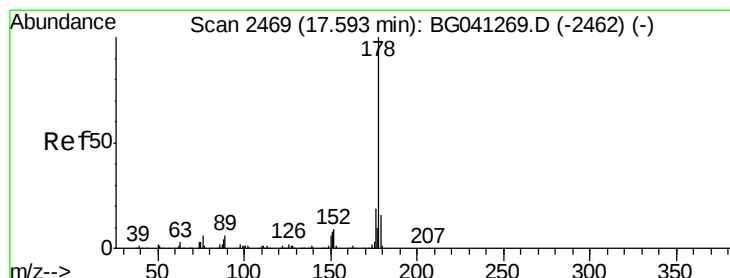
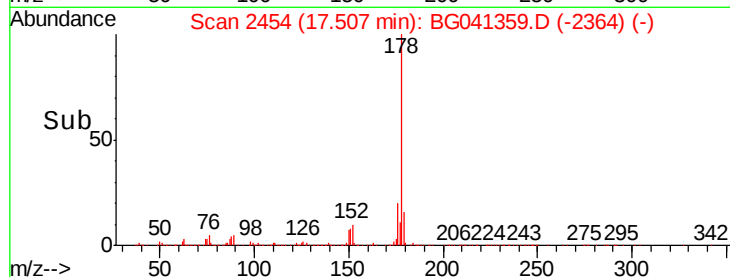
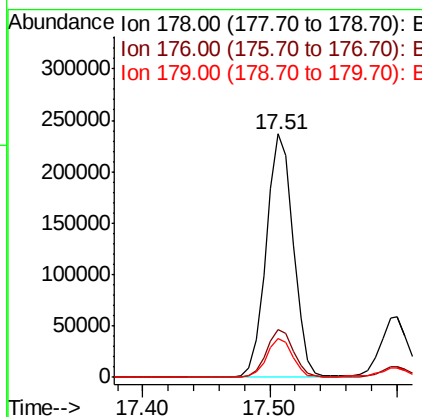
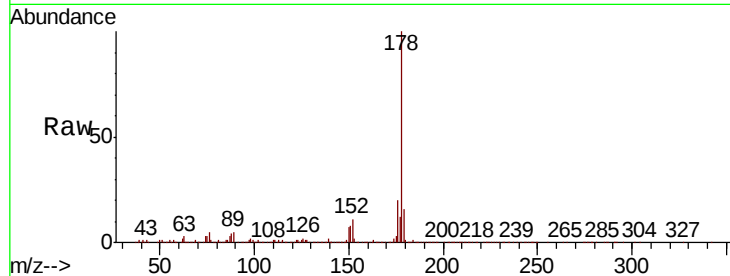
#71
Phenanthrene
Concen: 24.844 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-B

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	15.7	12.9	19.3

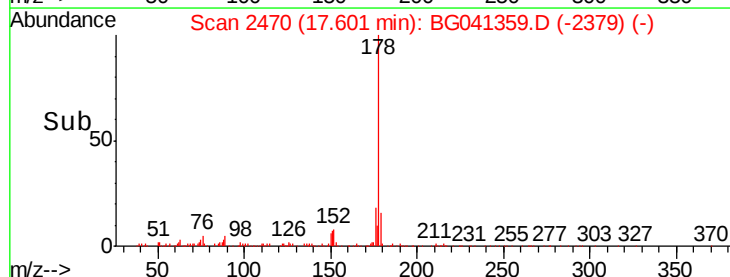
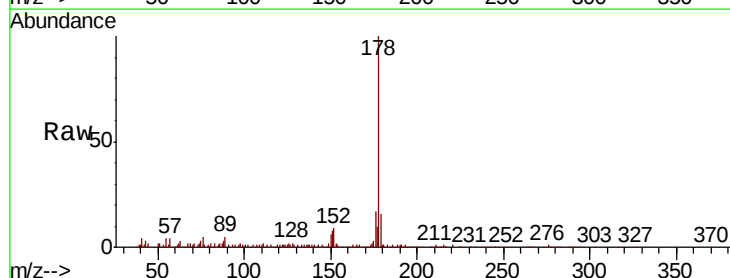
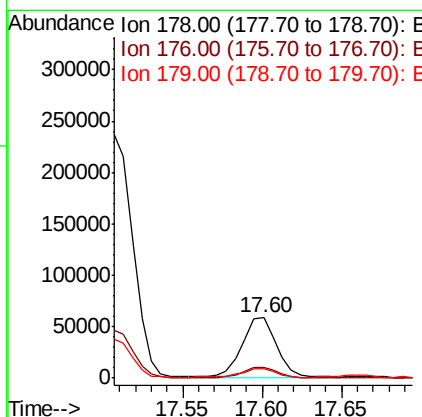
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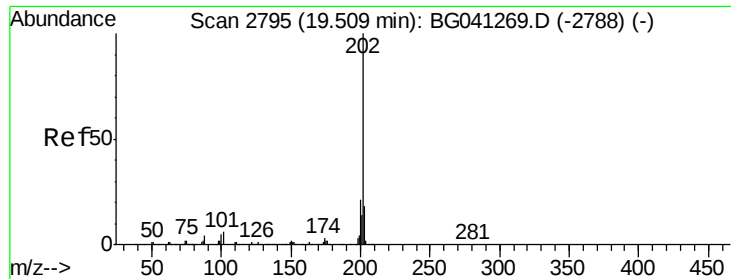
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#72
Anthracene
Concen: 6.333 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.2
179	16.2	13.0	19.4





#75

Fluoranthene

Concen: 30.328 ng

RT: 19.52 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BG041359.D

Acq: 20 Jun 2019 16:28

Instrument :

BNA_G

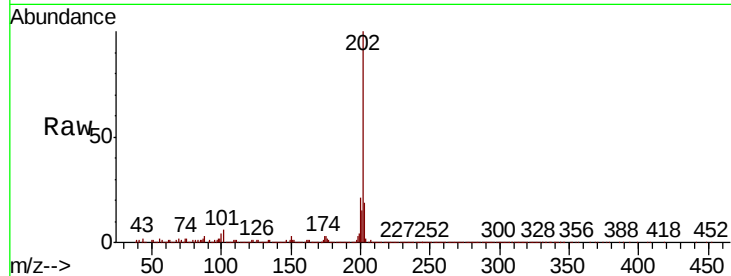
ClientSampleId :

CL-01-061719-B

Tgt Ion:	202	Resp:	566316
Ion Ratio	Lower	Upper	
202	100		
101	5.5	0.0	26.0
203	18.9	0.0	37.7

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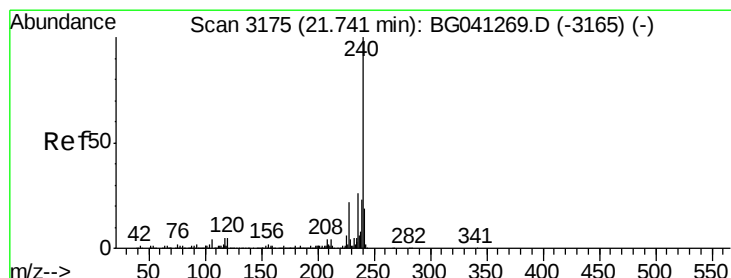
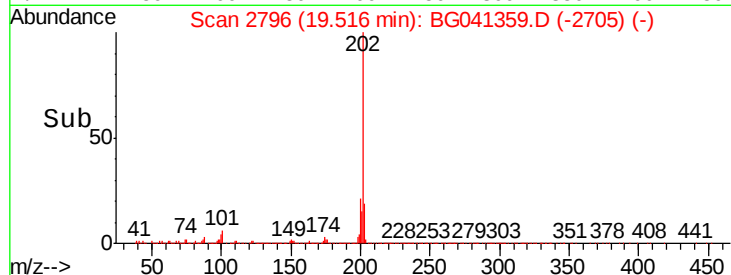
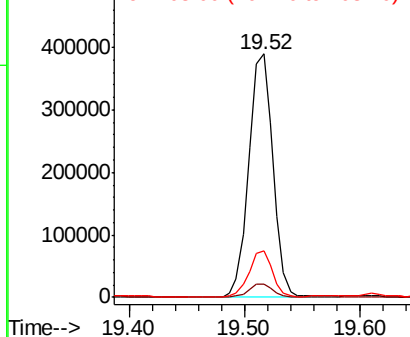


Abundance

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

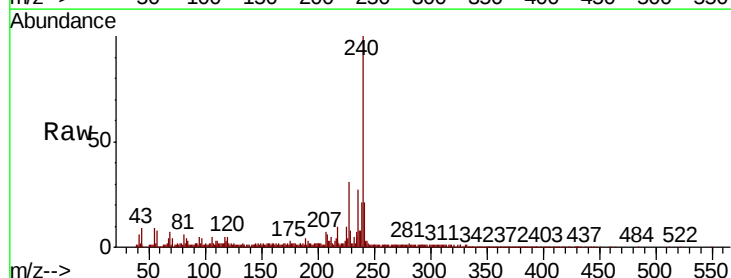
RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041359.D

Acq: 20 Jun 2019 16:28

Tgt Ion:	240	Resp:	268741
Ion Ratio	Lower	Upper	
240	100		
120	5.1	3.7	5.5
236	26.9	21.1	31.7

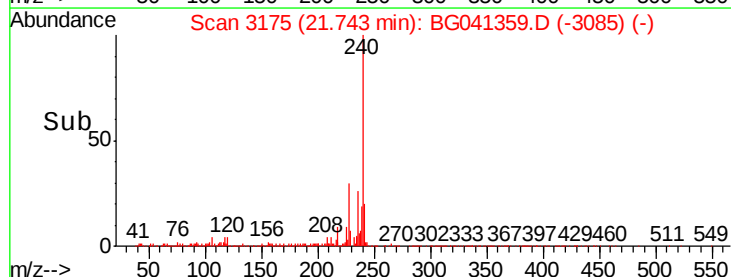
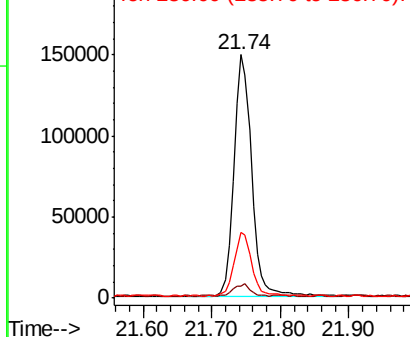


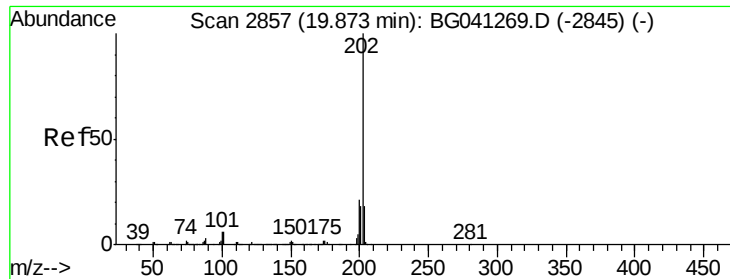
Abundance

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





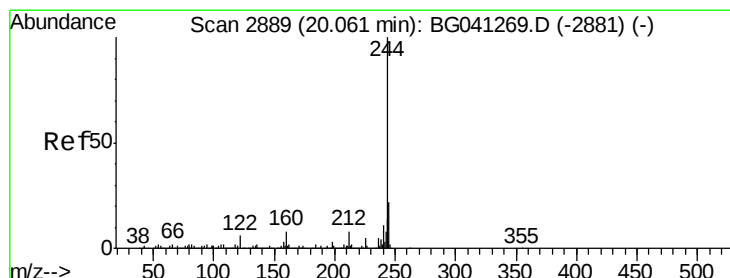
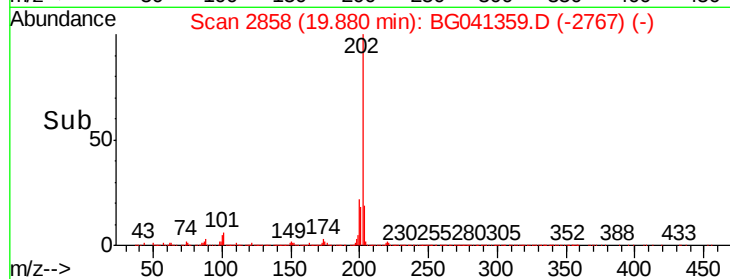
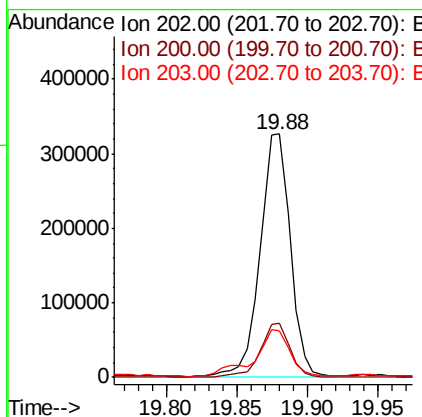
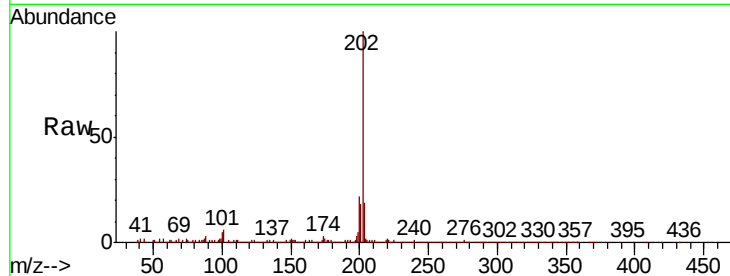
#78
Pyrene
Concen: 26.986 ng
RT: 19.88 min Scan# 2858
Delta R.T. 0.01 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.0	16.8	25.2
203	18.9	14.6	21.8

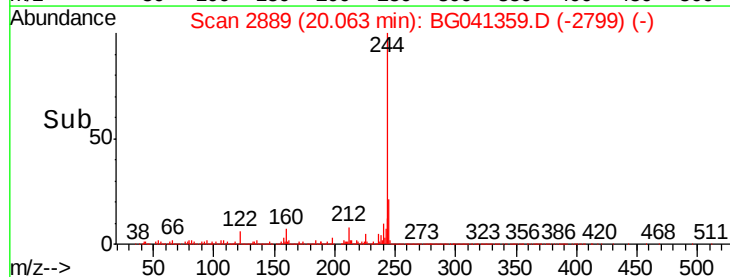
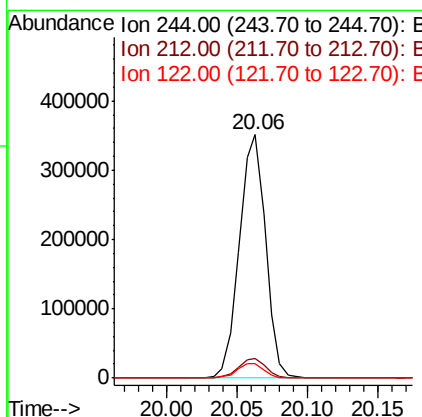
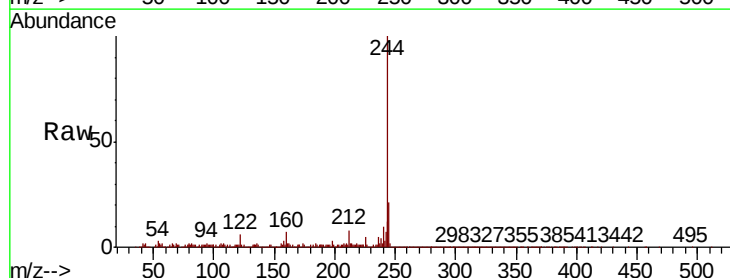
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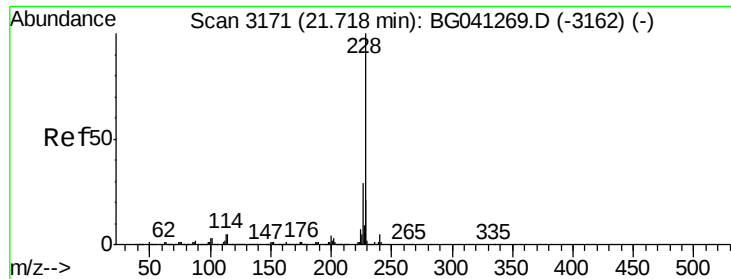
mohammad
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#79
Terphenyl-d14
Concen: 33.385 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.2	6.6	10.0
122	5.9	5.0	7.4





#81

Benzo(a)anthracene

Concen: 14.982 ng

RT: 21.73 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BG041359.D

Acq: 20 Jun 2019 16:28

Instrument :

BNA_G

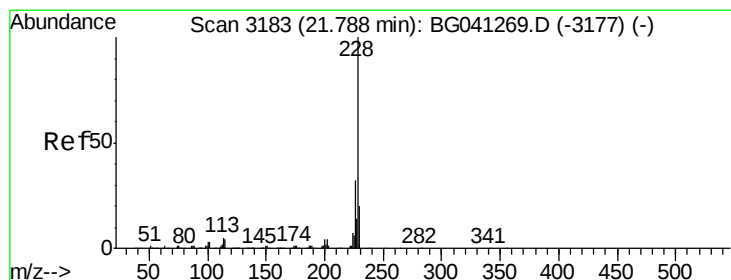
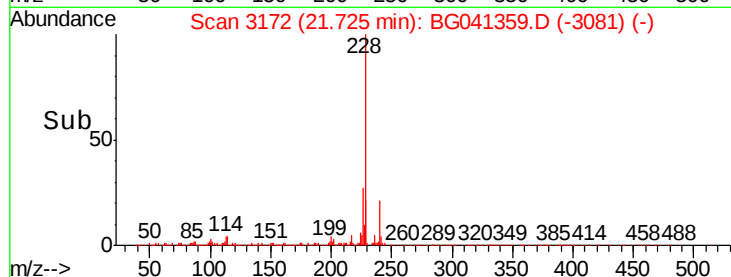
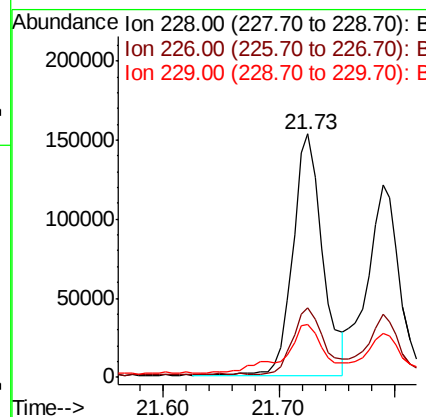
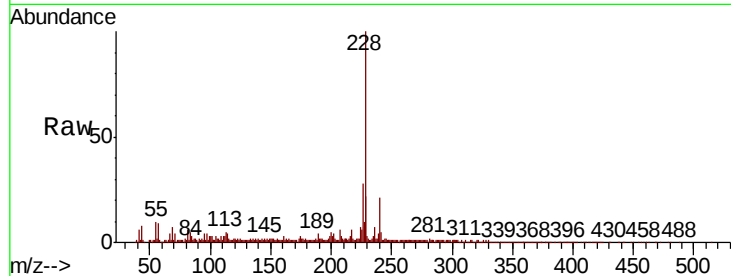
ClientSampleId :

CL-01-061719-B

Tgt	Ion:228	Resp:	272608
Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.2	34.8
229	21.6	16.8	25.2

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#83

Chrysene

Concen: 13.319 ng

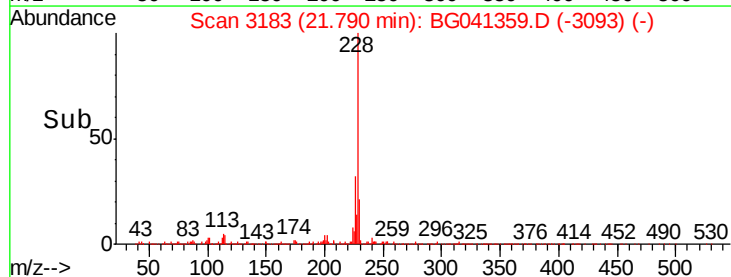
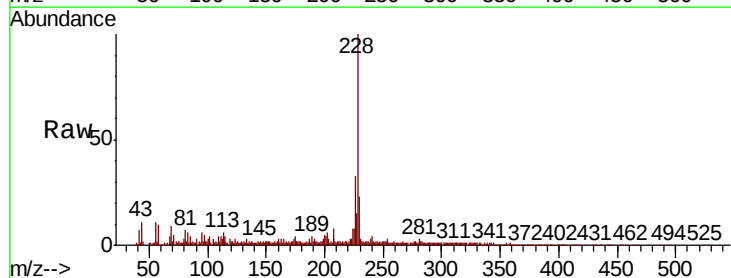
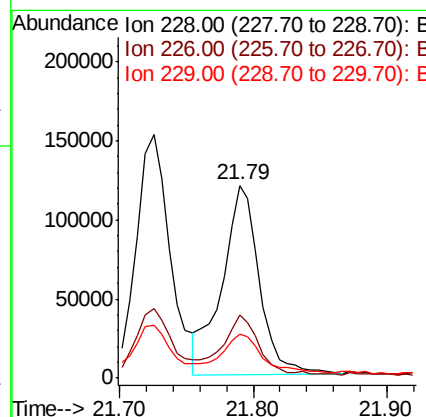
RT: 21.79 min Scan# 3183

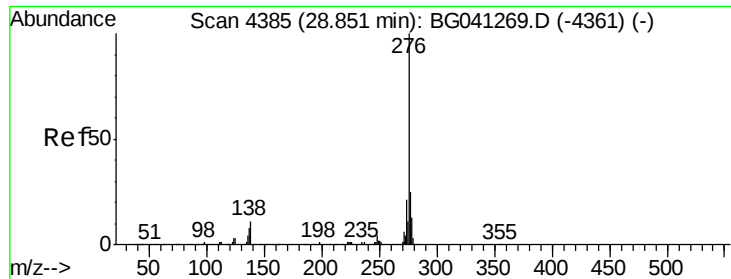
Delta R.T. 0.00 min

Lab File: BG041359.D

Acq: 20 Jun 2019 16:28

Tgt	Ion:228	Resp:	233066
Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.4	38.0
229	22.8	16.2	24.2





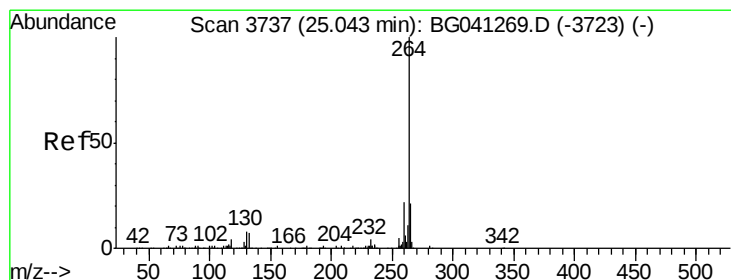
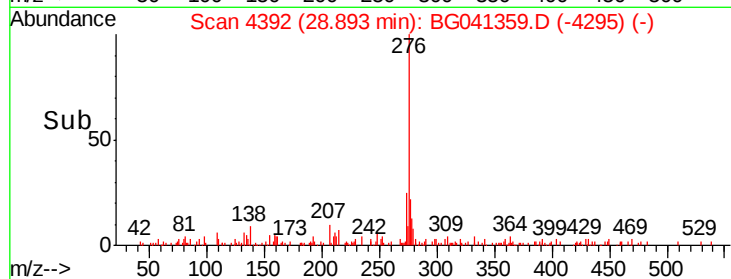
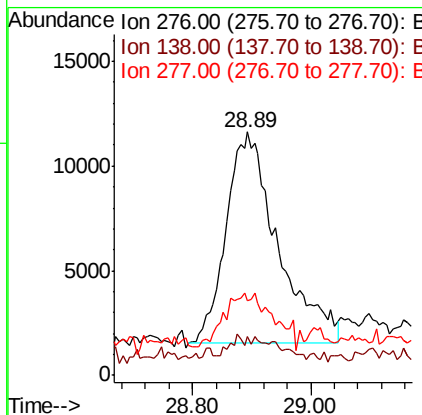
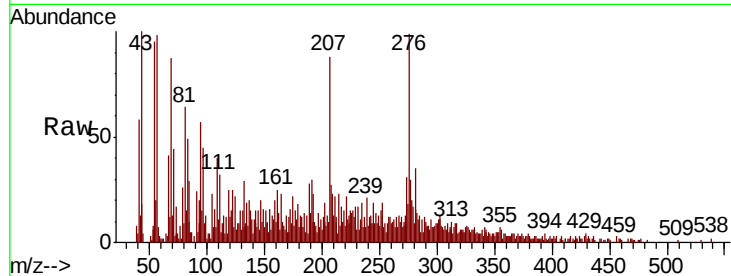
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.961 ng
 RT: 28.89 min Scan# 4392
 Delta R.T. 0.04 min
 Lab File: BG041359.D
 Acq: 20 Jun 2019 16:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-B

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	7.7	11.5#
277	26.3	20.6	31.0

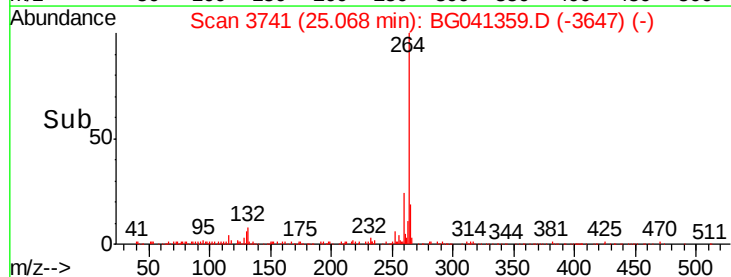
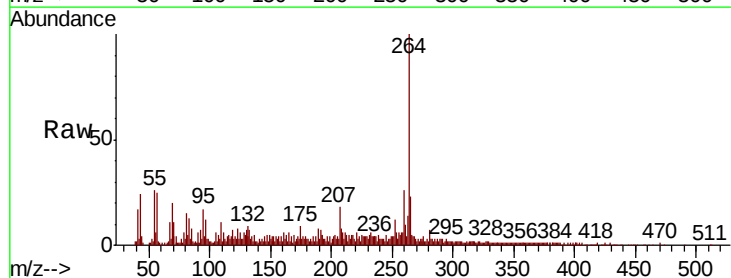
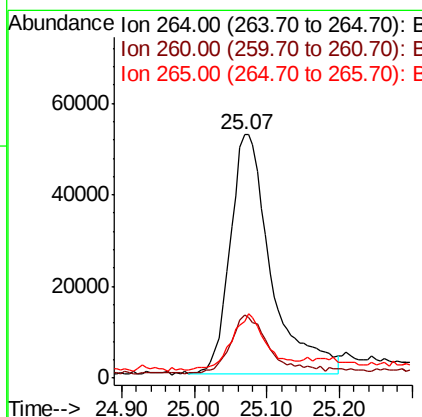
Manual Integrations
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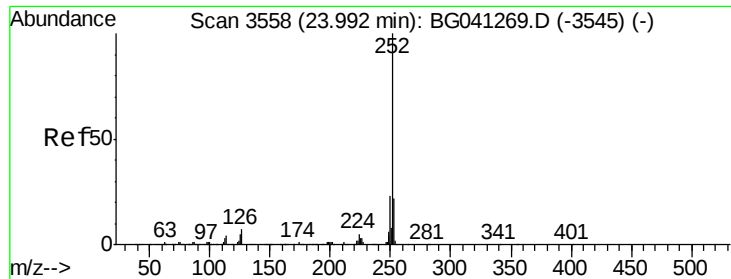
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3741
 Delta R.T. 0.03 min
 Lab File: BG041359.D
 Acq: 20 Jun 2019 16:28

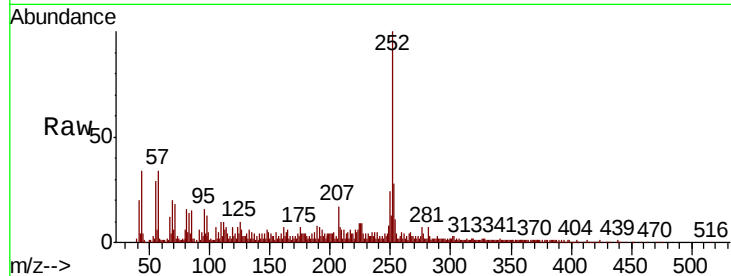
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	17.4	26.2
265	23.3	17.2	25.8





#88
Benzo(b)fluoranthene
Concen: 16.554 ng
RT: 24.01 min Scan# 3561
Delta R.T. 0.02 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

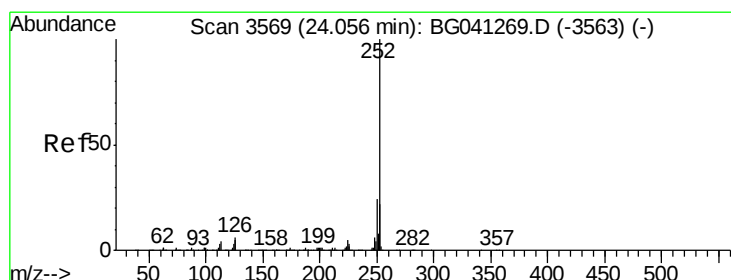
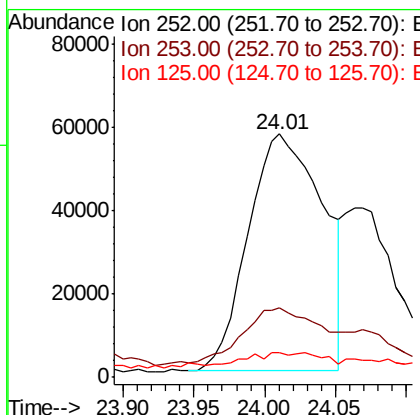
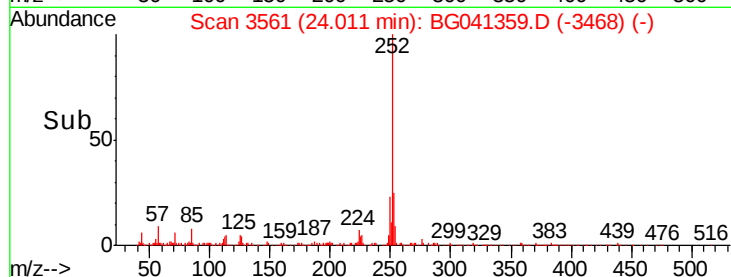
Instrument :
BNA_G
ClientSampleId :
CL-01-061719-B



Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	28.4	17.4	26.0#
125	10.2	3.9	5.9#

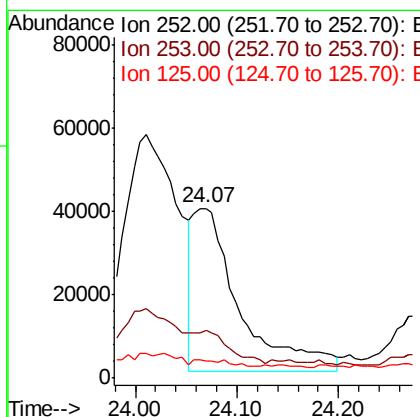
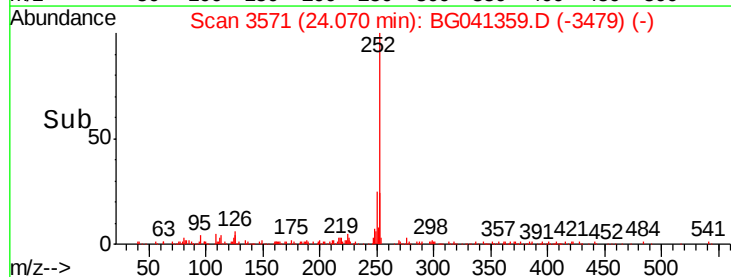
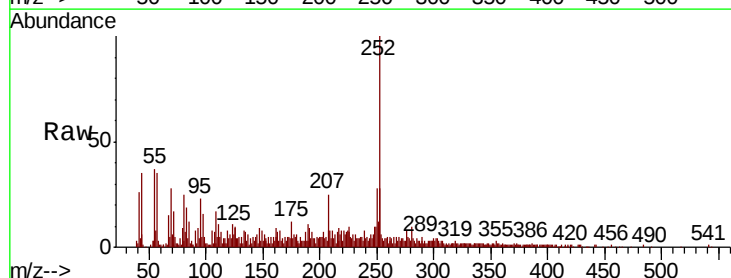
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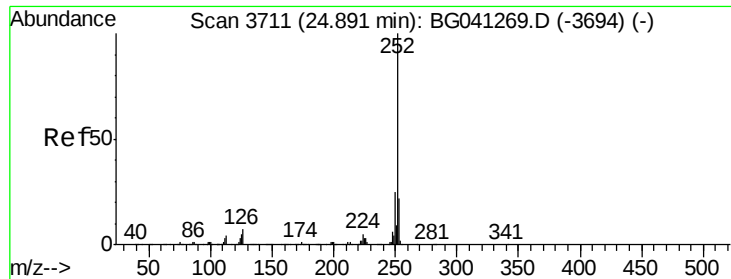
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#89
Benzo(k)fluoranthene
Concen: 10.096 ng m
RT: 24.07 min Scan# 3571
Delta R.T. 0.01 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	28.4	18.0	27.0#
125	9.8	4.3	6.5#





#90

Benzo(a)pyrene

Concen: 12.565 ng

RT: 24.92 min Scan# 3715

Delta R.T. 0.03 min

Lab File: BG041359.D

Acq: 20 Jun 2019 16:28

Instrument :

BNA_G

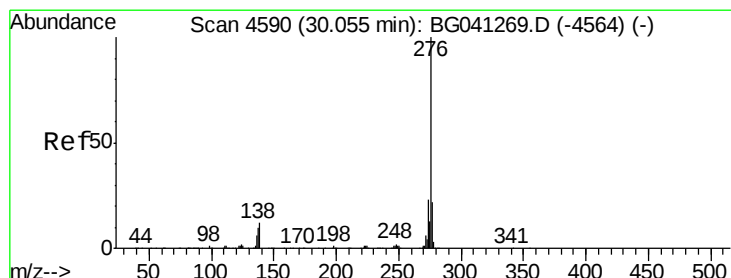
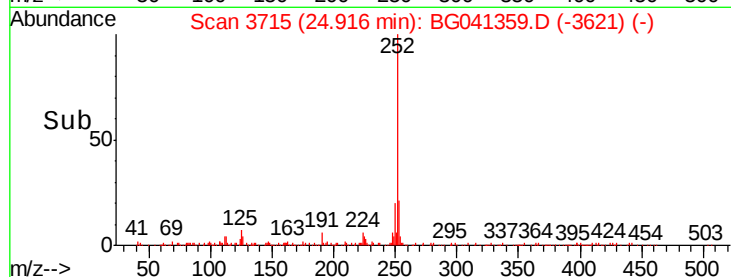
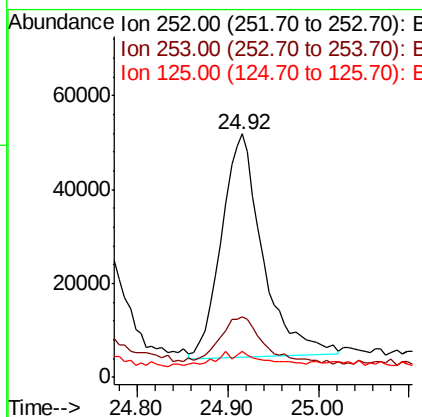
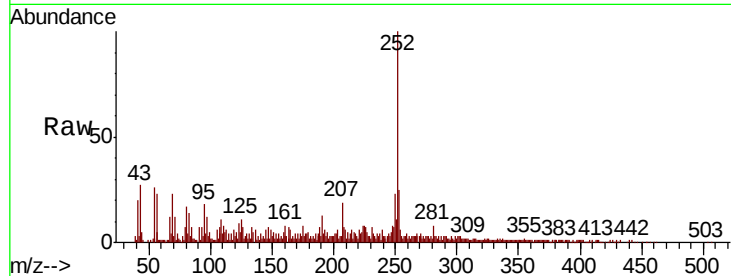
ClientSampleId :

CL-01-061719-B

Tgt Ion:	252	Resp:	150190
Ion Ratio		Lower	Upper
252	100		
253	25.1	17.8	26.6
125	10.9	4.2	6.4#

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 4.392 ng

RT: 30.10 min Scan# 4598

Delta R.T. 0.05 min

Lab File: BG041359.D

Acq: 20 Jun 2019 16:28

Tgt Ion:	276	Resp:	52236
Ion Ratio		Lower	Upper
276	100		
277	30.8	17.9	26.9#
138	17.2	9.4	14.0#

