

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
 Data File : BG041357.D
 Acq On : 20 Jun 2019 15:11
 Operator : HP/JU
 Sample : K3157-09 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 6/21/2019 9:58:37 PM

Quant Time: Jun 20 16:37:37 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	44114	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172351	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112582	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	255950	20.00	ng	0.00
76) Chrysene-d12	21.74	240	260257	20.00	ng	0.00
87) Perylene-d12	25.07	264	222363	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	121964	50.80	ng	0.00
7) Phenol-d6	7.23	99	175803	50.52	ng	0.00
23) Nitrobenzene-d5	9.26	82	129160	31.52	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	81321	47.05	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	267194	32.26	ng	0.00
79) Terphenyl-d14	20.06	244	397529	30.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	53100	5.301	ng	Qvalue # 96
71) Phenanthrene	17.50	178	38882	2.848	ng	100
75) Fluoranthene	19.51	202	112273	6.191	ng	99
78) Pyrene	19.87	202	121269	6.909	ng	96
81) Benzo(a)anthracene	21.72	228	69792	3.961	ng	94
83) Chrysene	21.78	228	69968	4.129	ng	# 90
84) Bis(2-ethylhexyl)phthalate	21.58	149	25520	2.821	ng	# 94
88) Benzo(b)fluoranthene	24.01	252	77887m	5.652	ng	
89) Benzo(k)fluoranthene	24.05	252	33769m	2.474	ng	
90) Benzo(a)pyrene	24.90	252	51275	3.940	ng	# 76

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

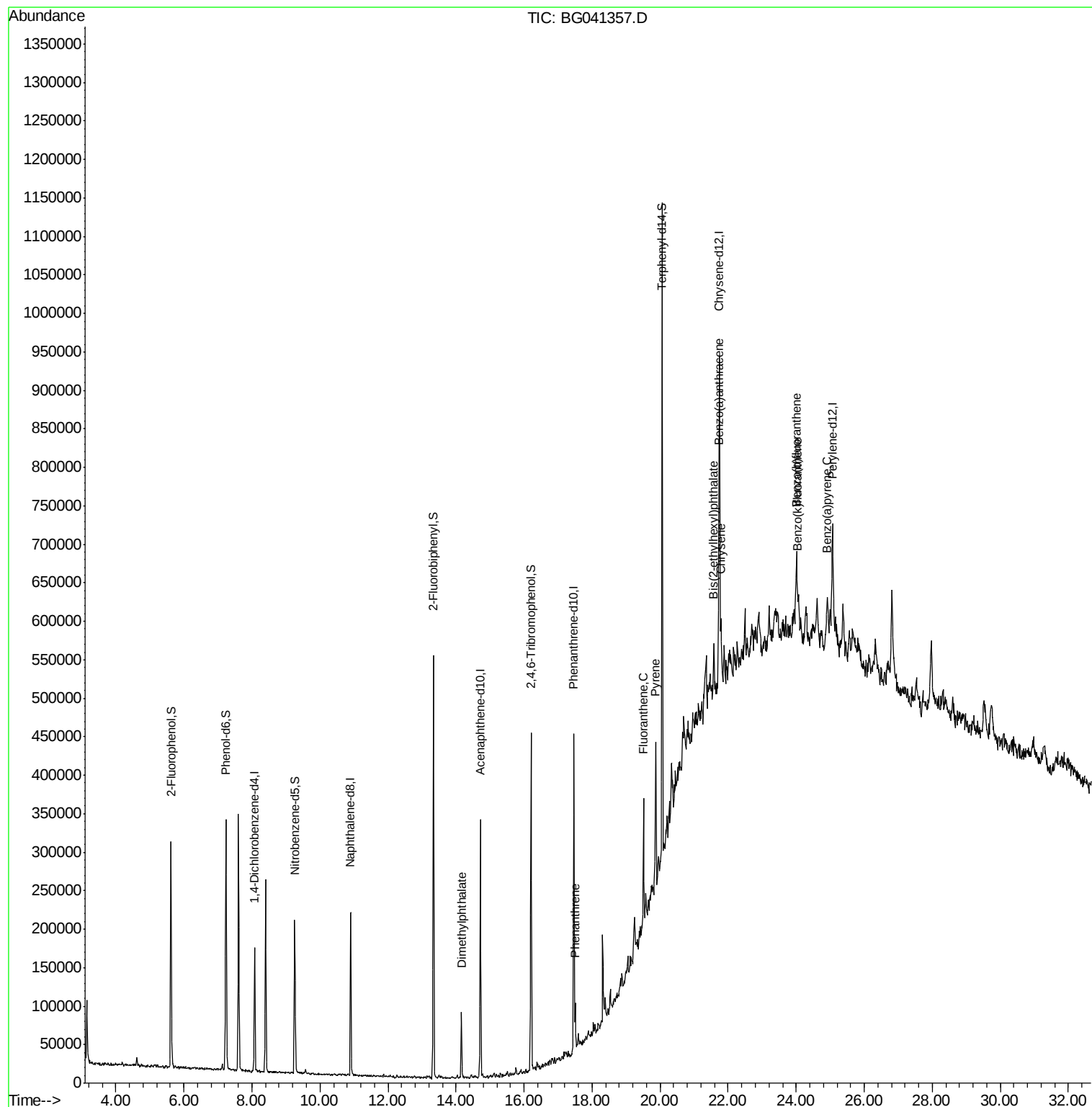
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041357.D
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ALS Vial : 6 Sample Multiplier: 1

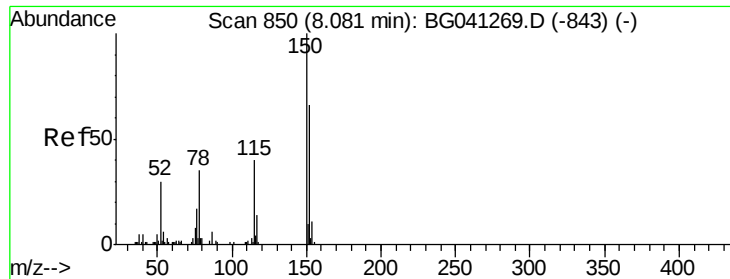
Instrument :
BNA_G
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CL-01-061719-E

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

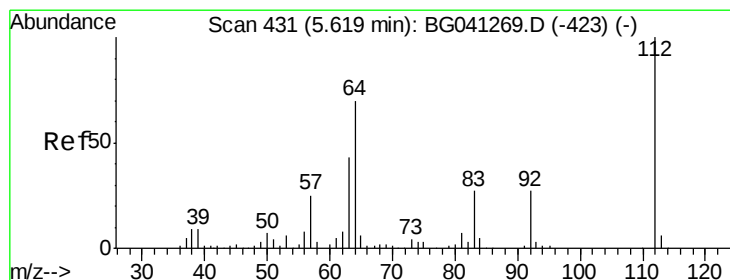
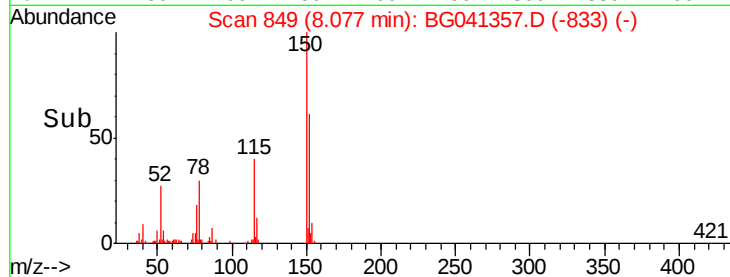
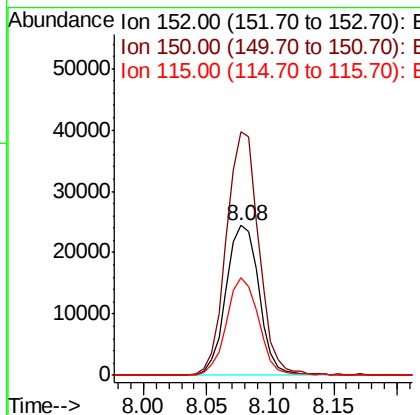
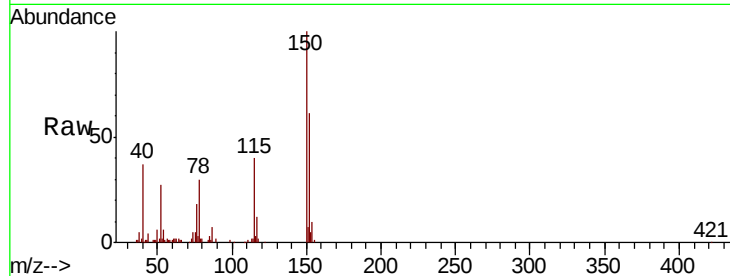
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041357.D
Acq: 20 Jun 2019 15:11

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.6	120.6	181.0
115	65.6	47.9	71.9

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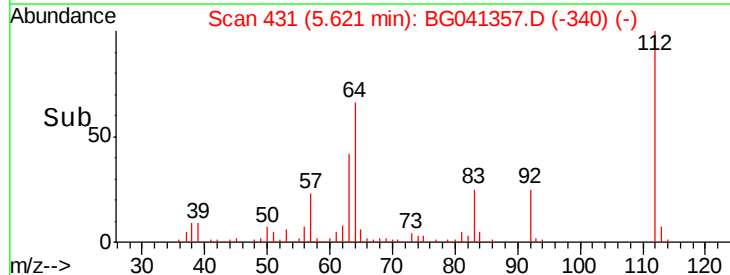
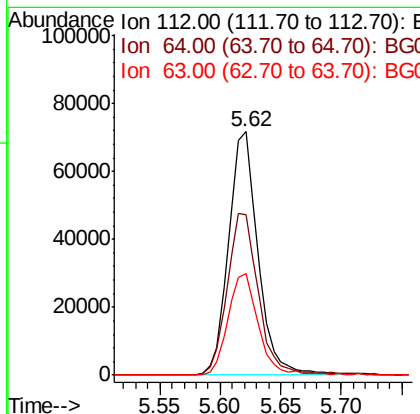
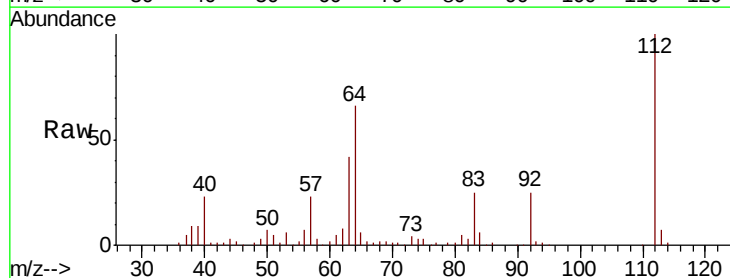
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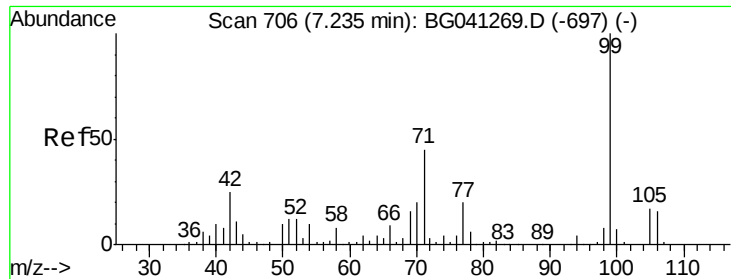


#5

2-Fluorophenol
Concen: 50.800 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041357.D
Acq: 20 Jun 2019 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	55.9	83.9
63	41.6	34.6	51.8





#7

Phenol-d6

Concen: 50.517 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041357.D

Acq: 20 Jun 2019 15:11

Instrument :

BNA_G

ClientSampleId :

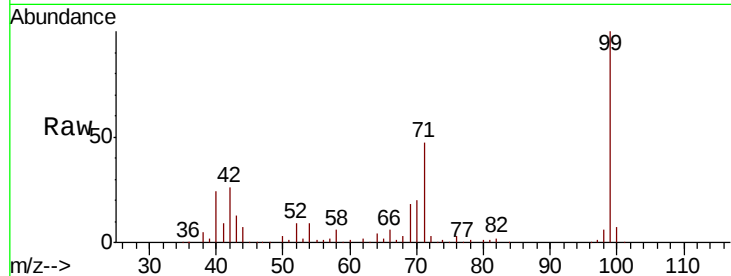
CL-01-061719-E

Tgt Ion: 99 Resp: 175803

Ion	Ratio	Lower	Upper
99	100		
42	26.4	19.9	29.9
71	47.4	36.4	54.6

Manual Integrations
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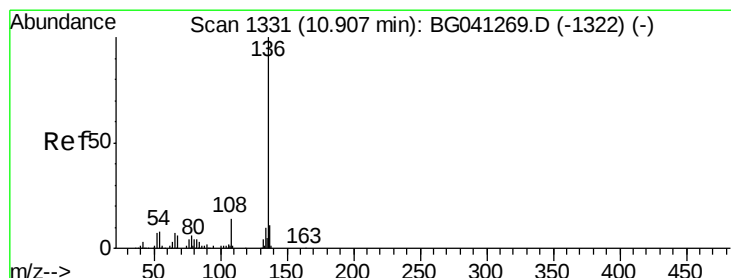
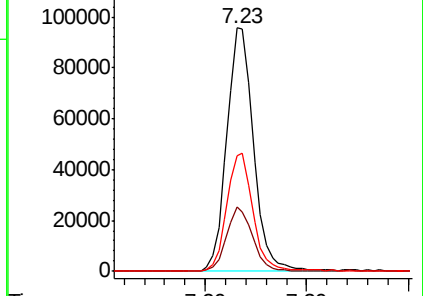
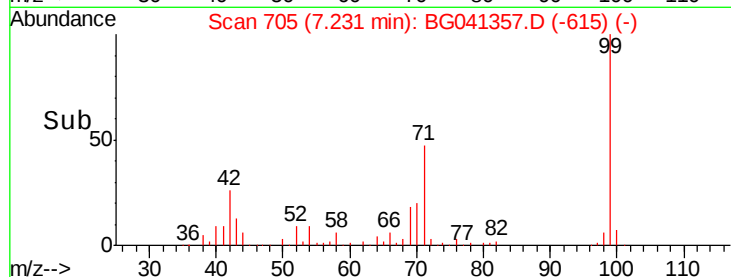
Abundance

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041357.D

Acq: 20 Jun 2019 15:11

Tgt Ion: 136 Resp: 172351

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	9.0	6.4	9.6
68	4.1	4.8	7.2#

Abundance

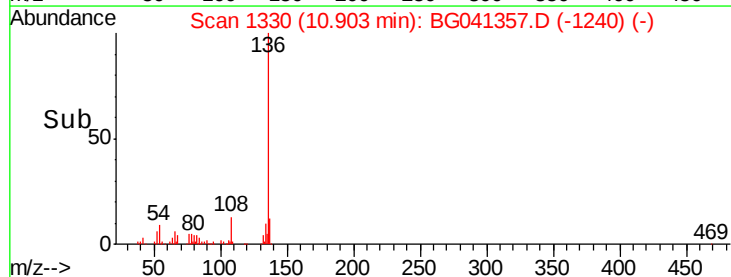
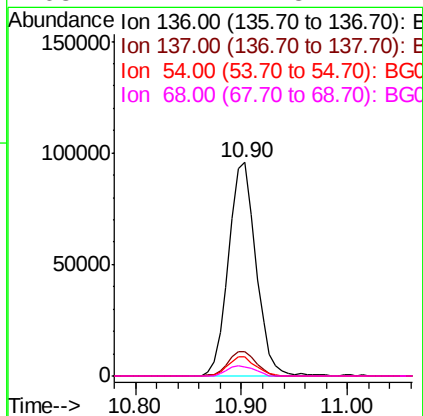
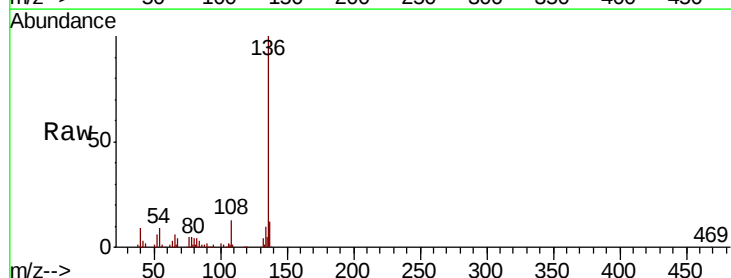
Ion 136.00 (135.70 to 136.70): BGC

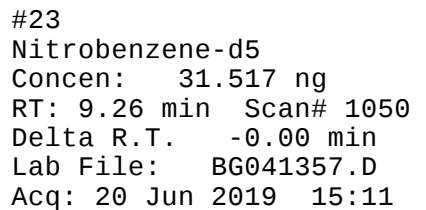
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->



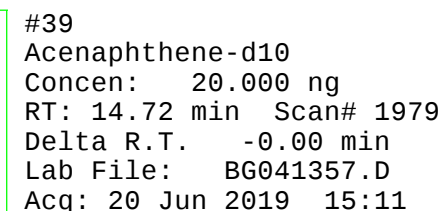
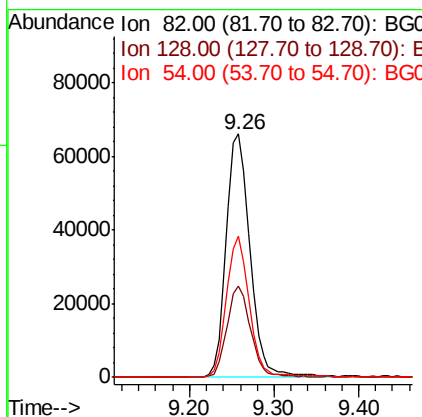


Instrument :
BNA_G
ClientSampleId :
CL-01-061719-E

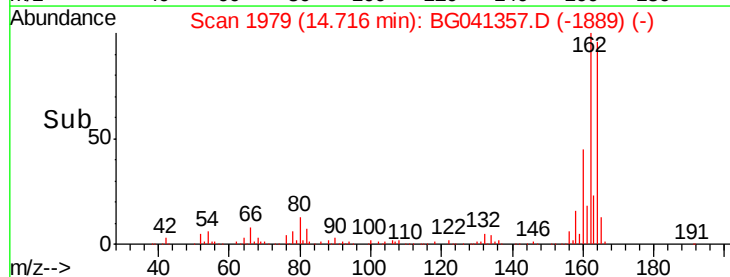
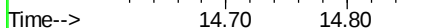
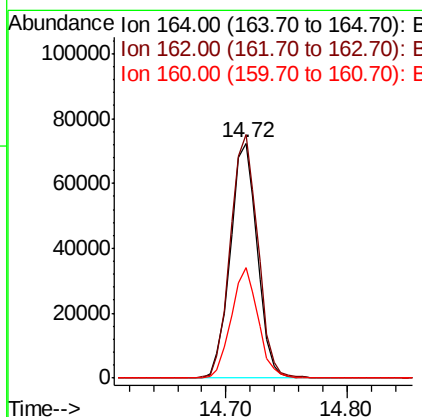
Tgt	Ion: 82	Resp:	129160
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.2	43.8
54	58.1	43.4	65.0

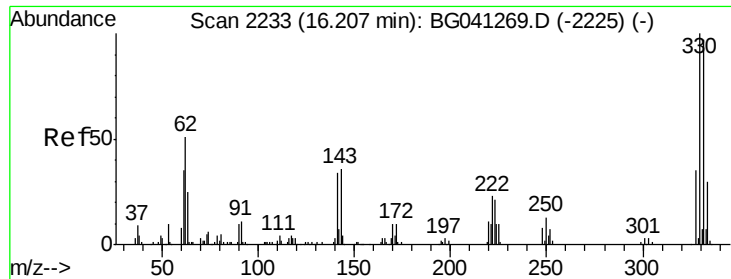
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Tgt	Ion:164	Resp:	112582
Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	47.0	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 47.050 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041357.D

Acq: 20 Jun 2019 15:11

Instrument :

BNA_G

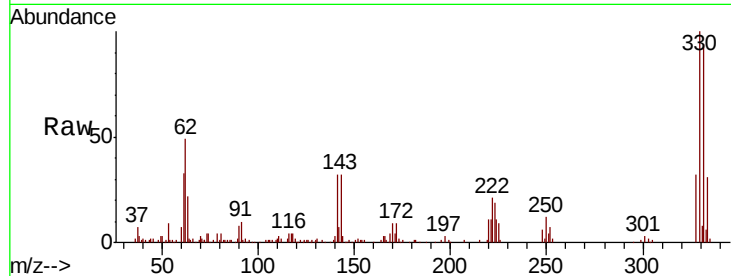
ClientSampled :

CL-01-061719-E

Tgt Ion:	330	Resp:	81321
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.5	113.3
141	37.5	29.0	43.4

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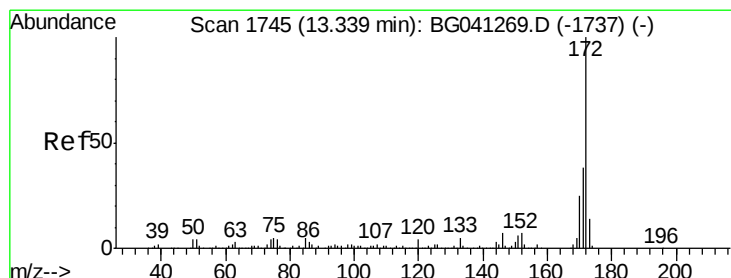
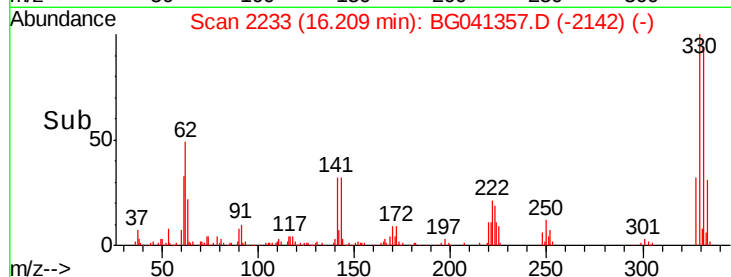
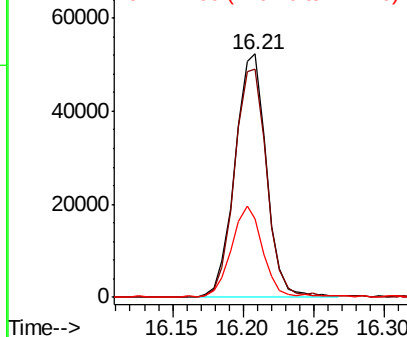


Abundance

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: 32.257 ng

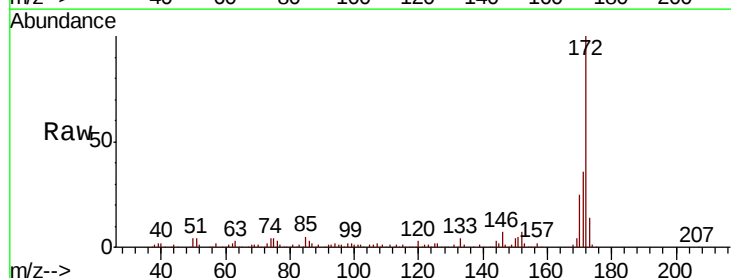
RT: 13.34 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG041357.D

Acq: 20 Jun 2019 15:11

Tgt Ion:	172	Resp:	267194
Ion Ratio	Lower	Upper	
172	100		
171	35.6	30.0	45.0
170	25.1	19.8	29.6

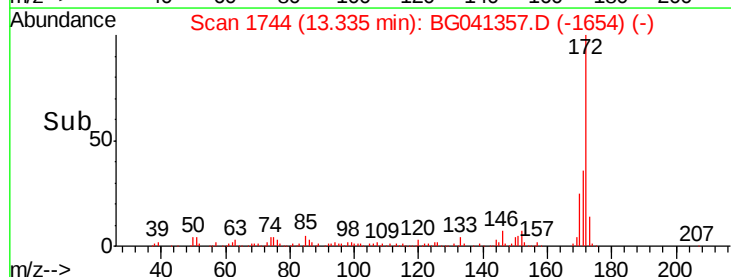
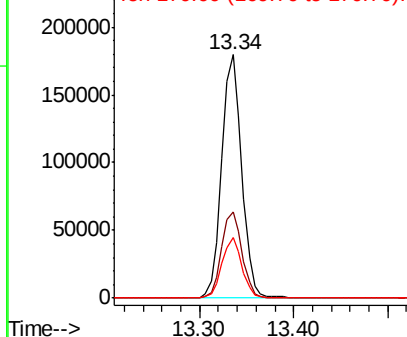


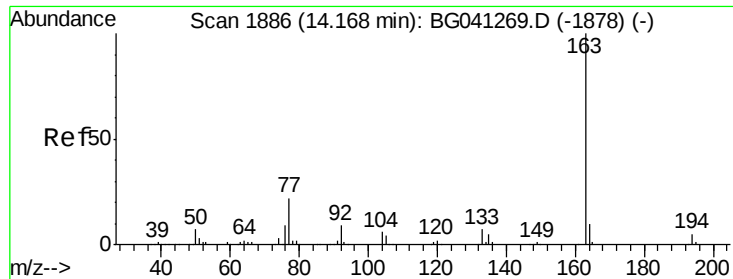
Abundance

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





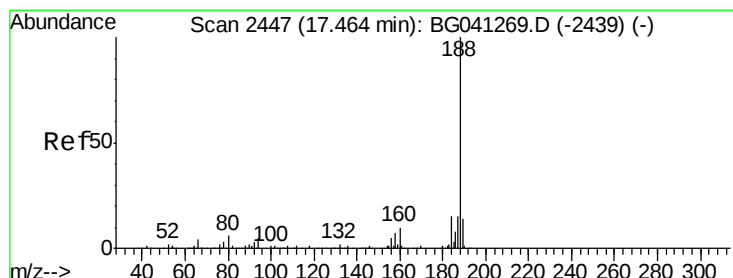
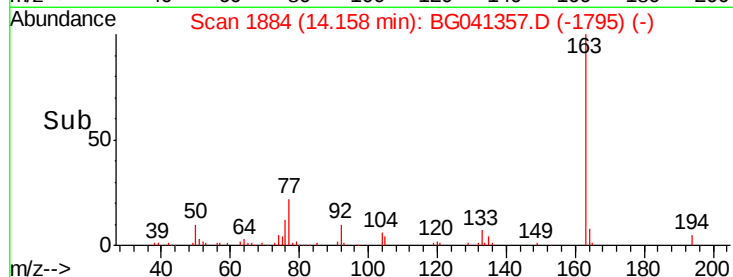
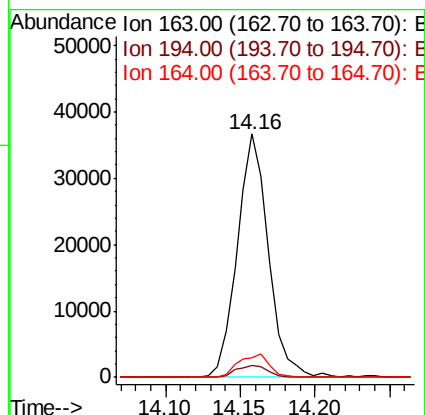
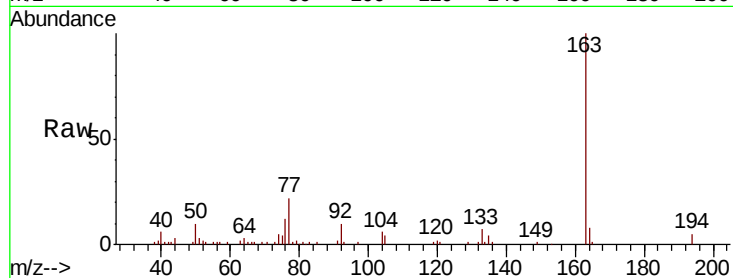
#50
Dimethylphthalate
Concen: 5.301 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041357.D
Acq: 20 Jun 2019 15:11

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.0	3.9	5.9
164	8.2	8.3	12.5#

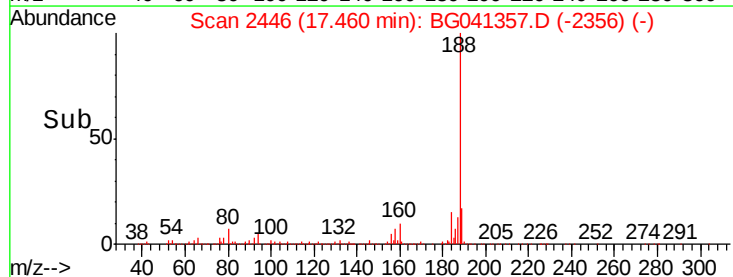
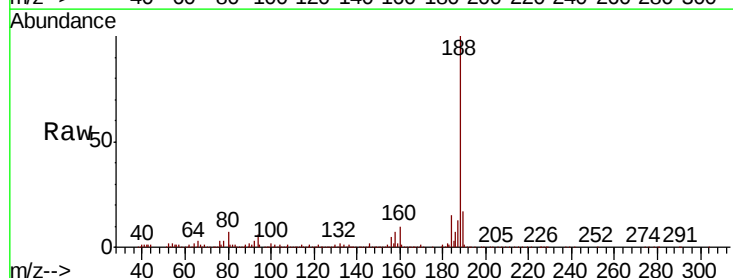
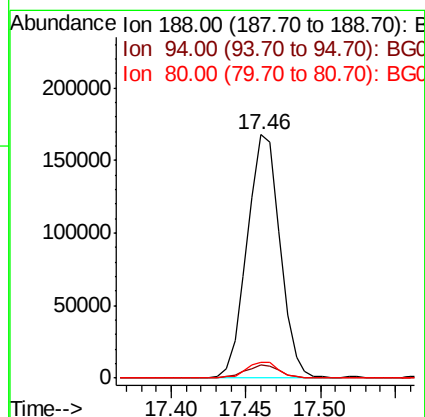
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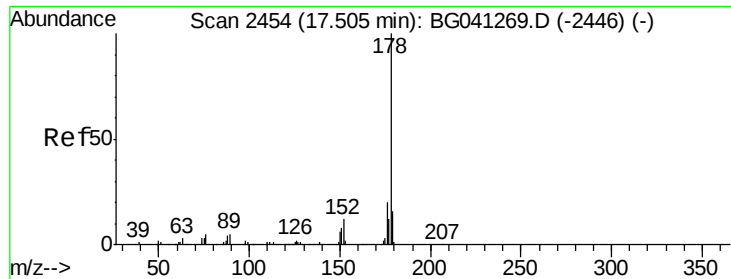
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041357.D
Acq: 20 Jun 2019 15:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.3	3.6	5.4#
80	6.6	4.8	7.2





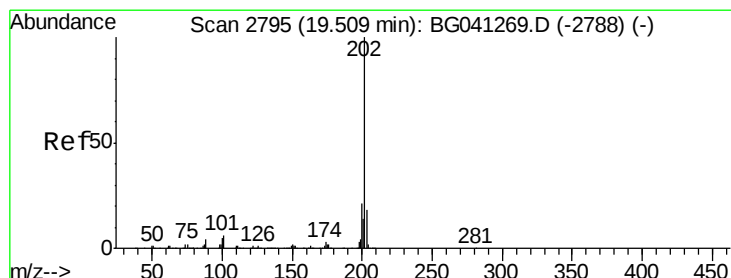
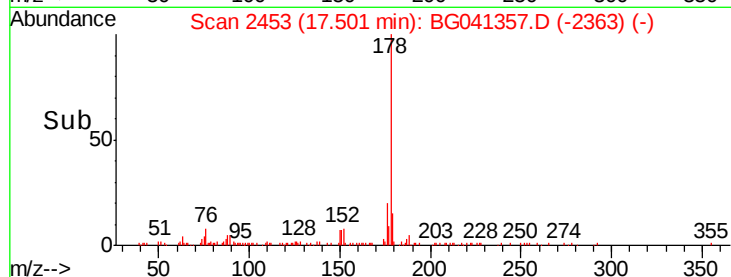
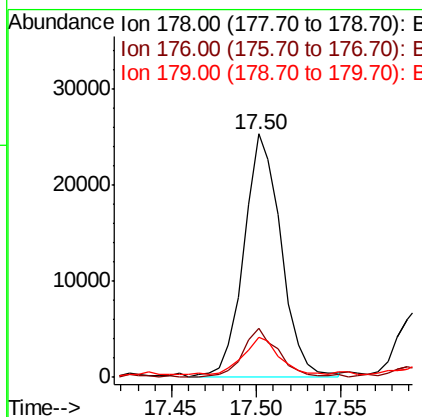
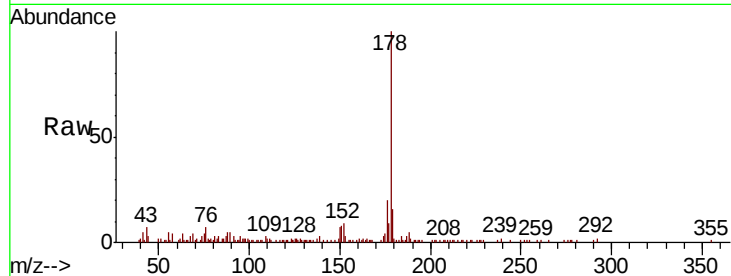
#71
Phenanthrene
Concen: 2.848 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG041357.D
Acq: 20 Jun 2019 15:11

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	16.4	12.9	19.3

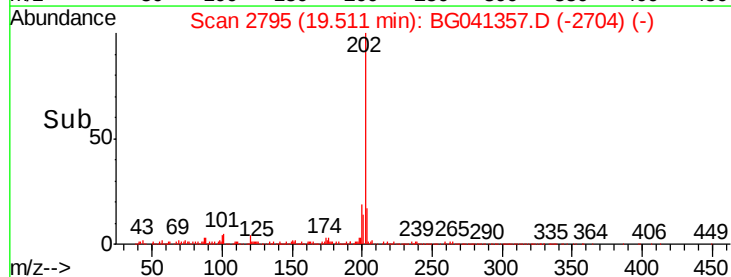
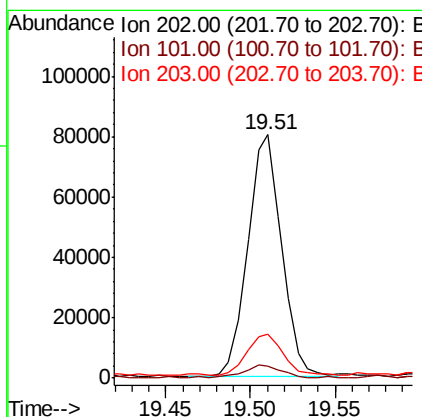
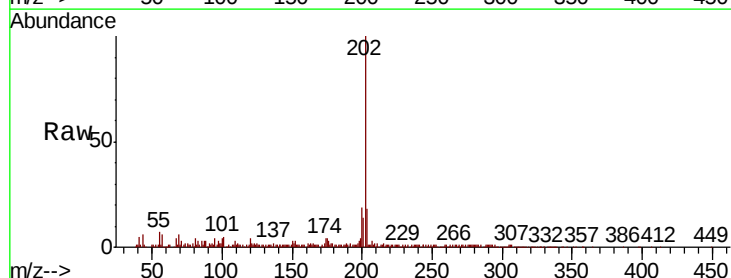
Manual Integrations
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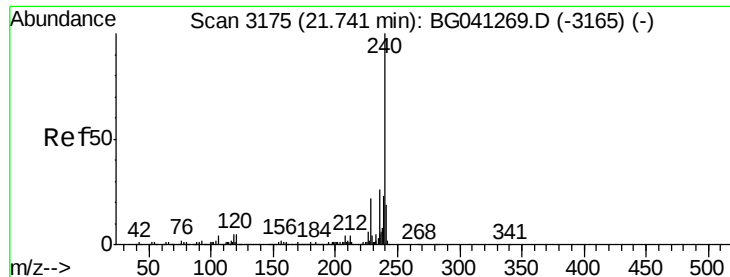
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#75
Fluoranthene
Concen: 6.191 ng
RT: 19.51 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BG041357.D
Acq: 20 Jun 2019 15:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.0	0.0	26.0
203	17.9	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041357.D

Acq: 20 Jun 2019 15:11

Instrument :

BNA_G

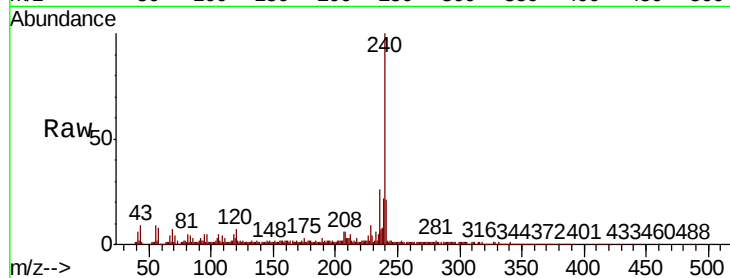
ClientSampleId :

CL-01-061719-E

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	3.7	5.5#
236	26.5	21.1	31.7

Manual Integrations
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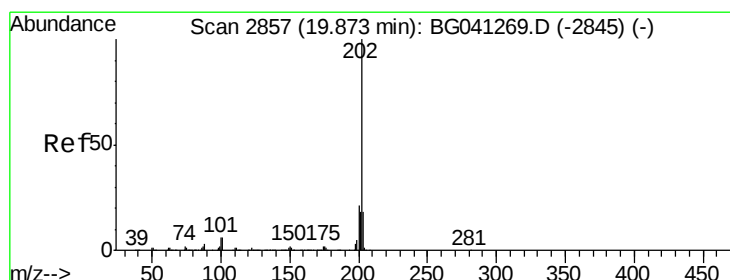
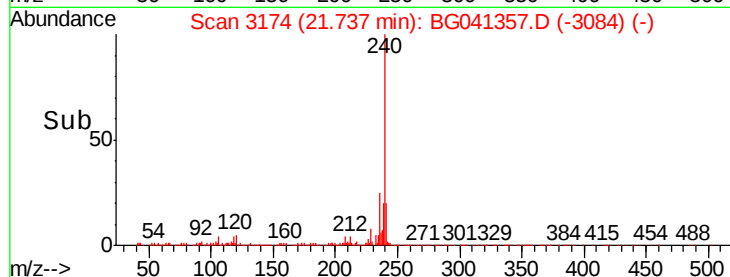
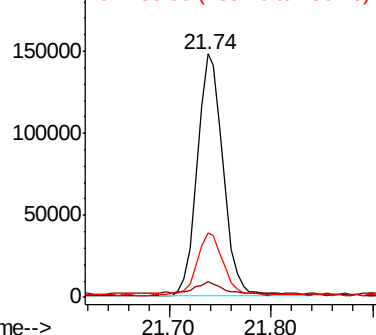


Abundance

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: 6.909 ng

RT: 19.87 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG041357.D

Acq: 20 Jun 2019 15:11

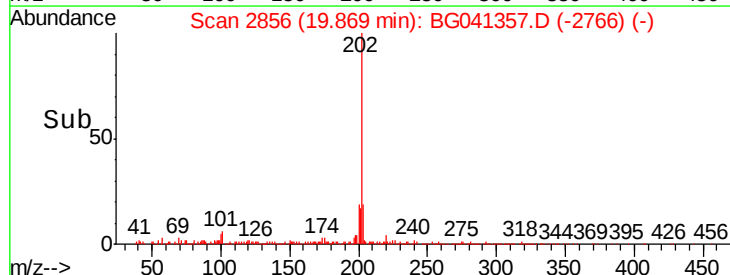
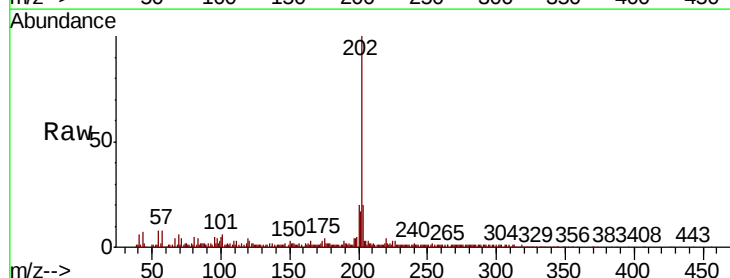
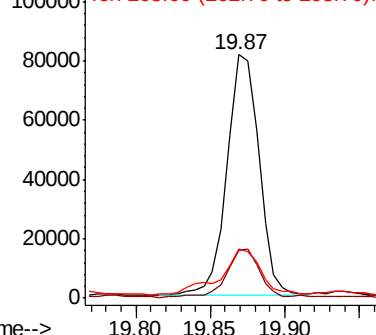
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	20.1	14.6	21.8

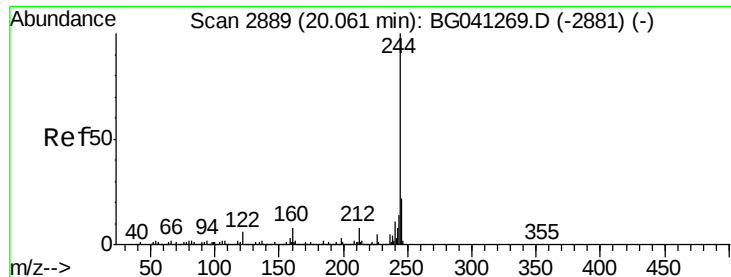
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 30.271 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041357.D

Acq: 20 Jun 2019 15:11

Instrument :

BNA_G

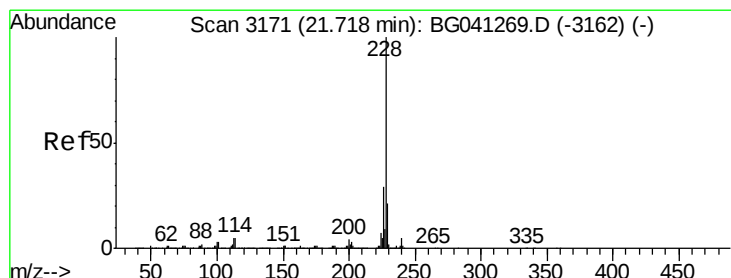
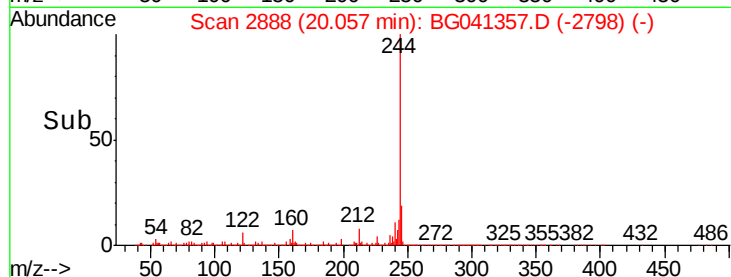
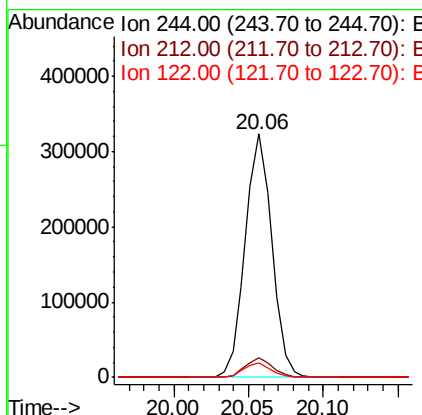
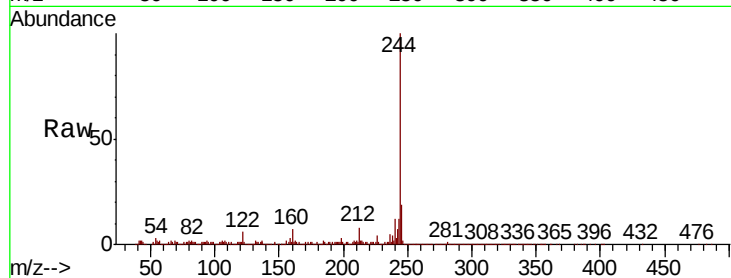
ClientSampleId :

CL-01-061719-E

Tgt Ion:	244	Resp:	397529
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.6	10.0
122	5.8	5.0	7.4

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#81

Benzo(a)anthracene

Concen: 3.961 ng

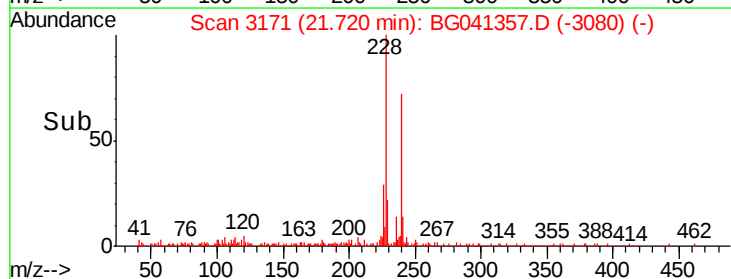
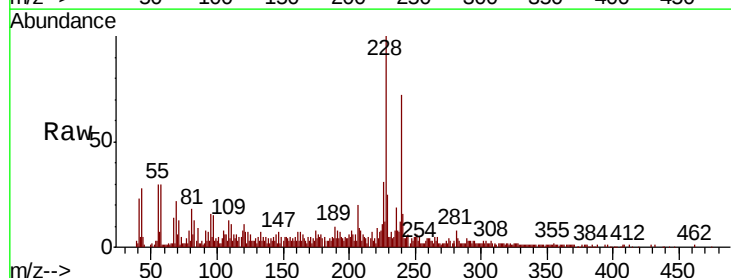
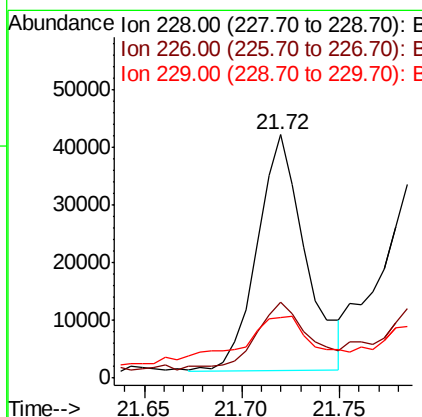
RT: 21.72 min Scan# 3171

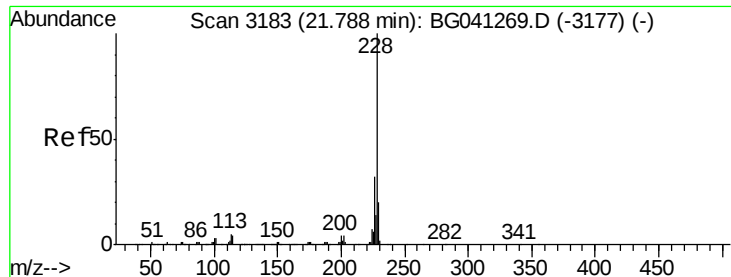
Delta R.T. 0.00 min

Lab File: BG041357.D

Acq: 20 Jun 2019 15:11

Tgt Ion:	228	Resp:	69792
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.2	34.8
229	25.0	16.8	25.2





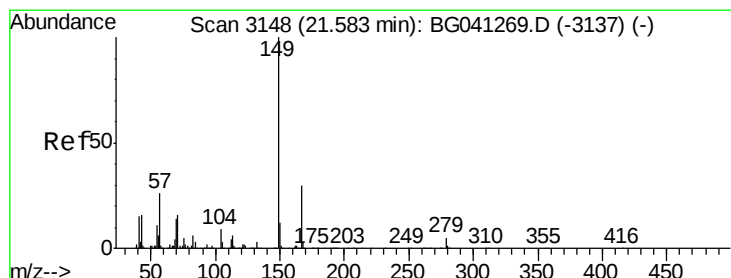
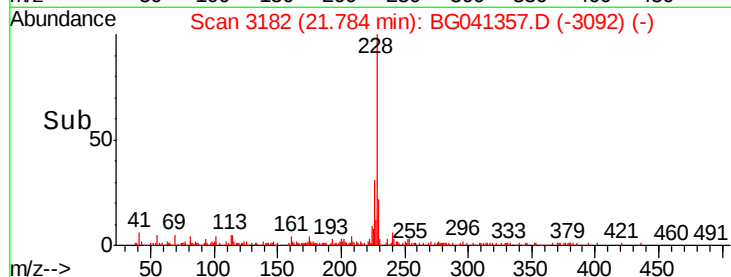
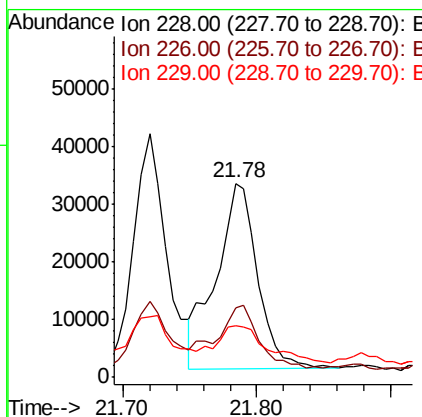
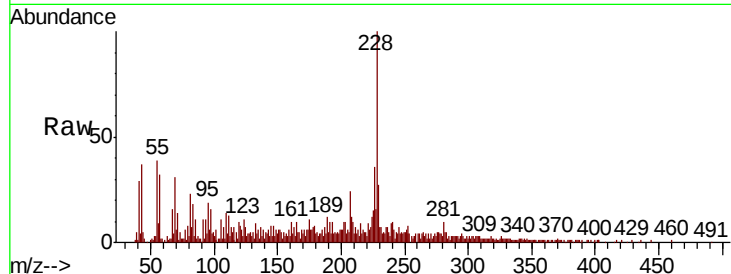
#83
 Chrysene
 Concen: 4.129 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: BG041357.D
 Acq: 20 Jun 2019 15:11

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.6	25.4	38.0
229	26.8	16.2	24.2

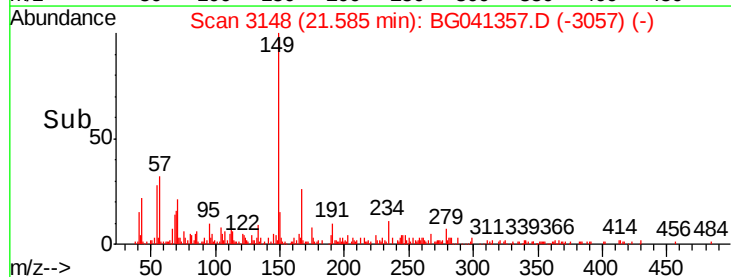
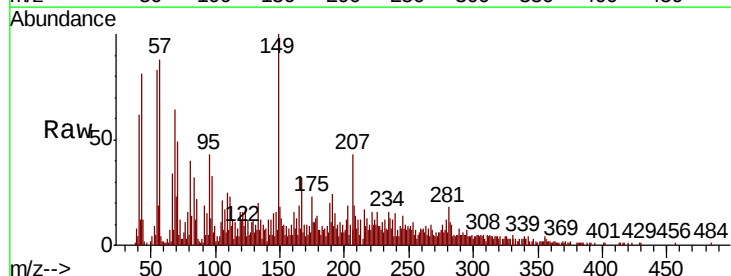
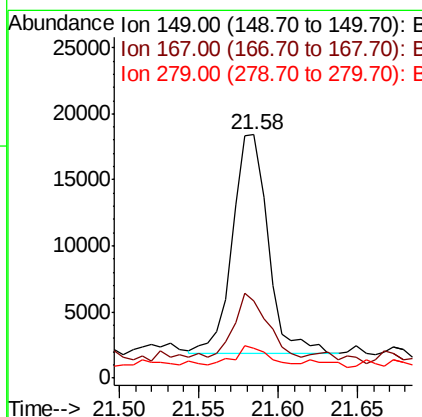
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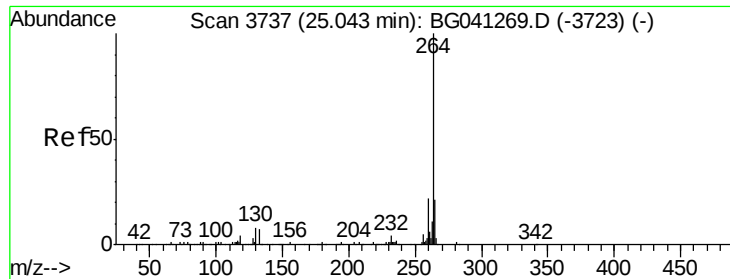
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.821 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG041357.D
 Acq: 20 Jun 2019 15:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	23.8	35.8
279	12.1	4.4	6.6





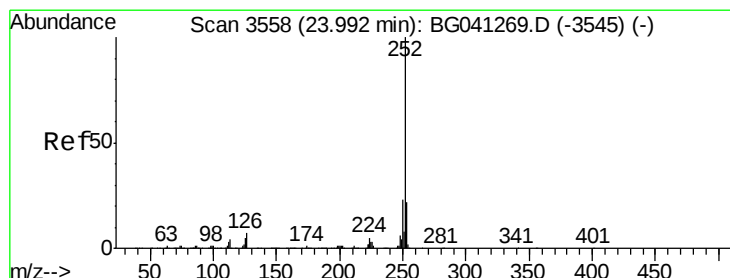
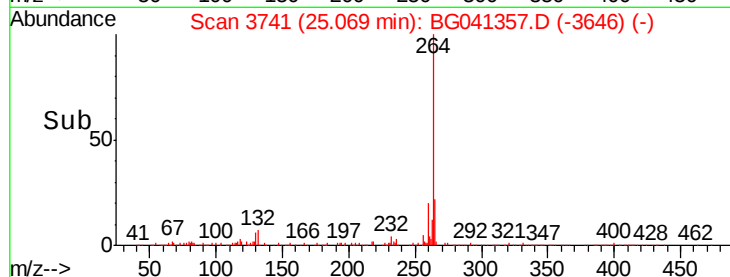
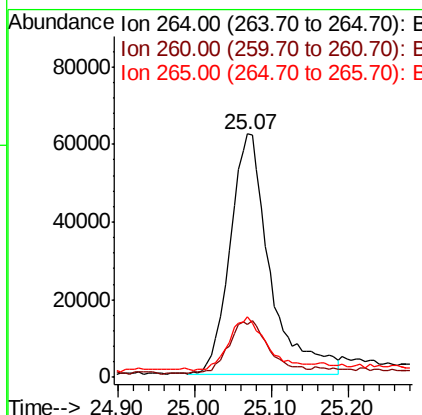
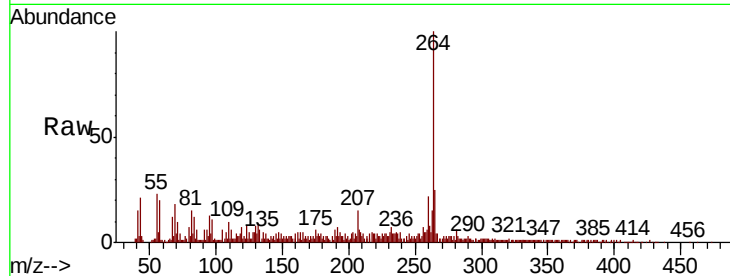
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3741
Delta R.T. 0.03 min
Lab File: BG041357.D
Acq: 20 Jun 2019 15:11

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.2
265	24.7	17.2	25.8

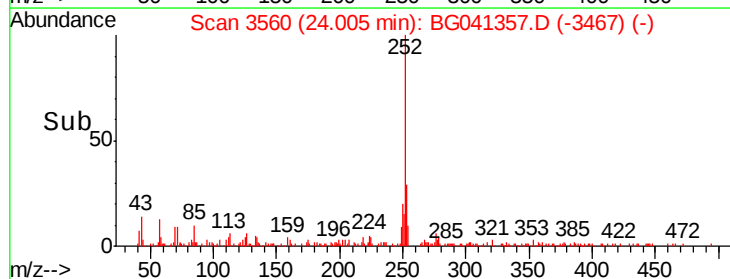
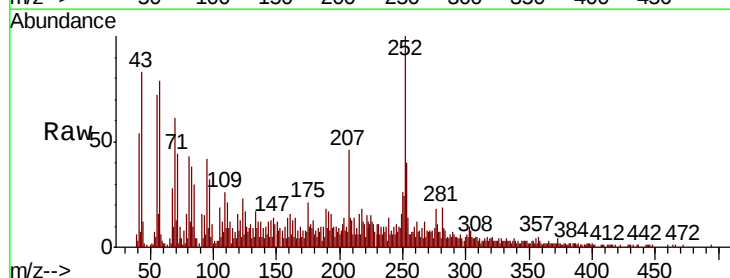
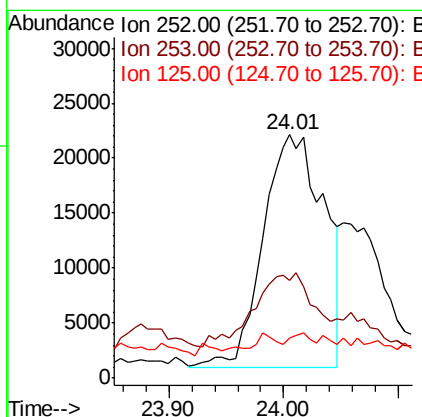
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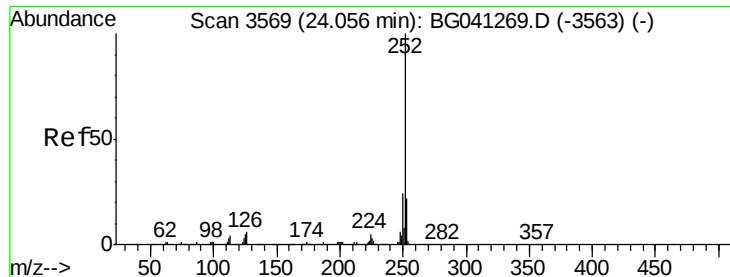
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#88
Benzo(b)fluoranthene
Concen: 5.652 ng m
RT: 24.01 min Scan# 3560
Delta R.T. 0.01 min
Lab File: BG041357.D
Acq: 20 Jun 2019 15:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.0	17.4	26.0#
125	16.5	3.9	5.9#





#89

Benzo(k)fluoranthene

Concen: 2.474 ng m

RT: 24.05 min Scan# 3568

Delta R.T. -0.00 min

Lab File: BG041357.D

Acq: 20 Jun 2019 15:11

Instrument :

BNA_G

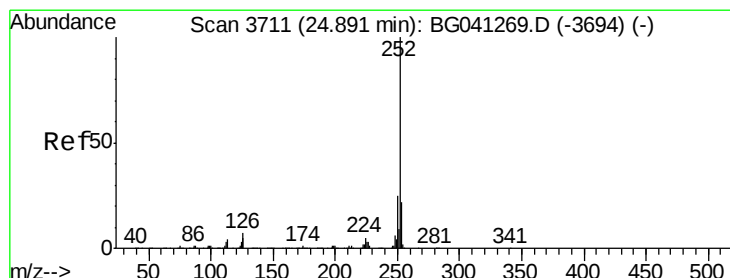
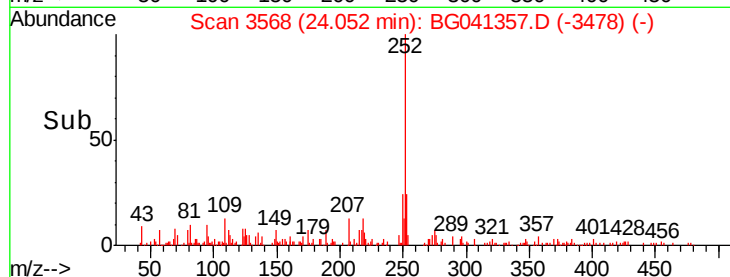
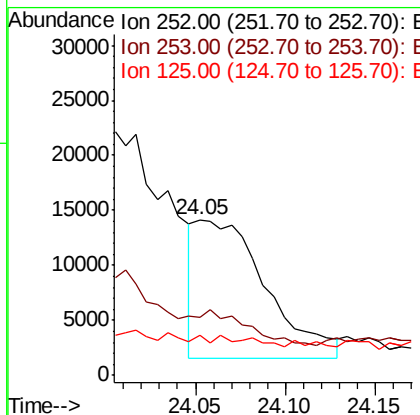
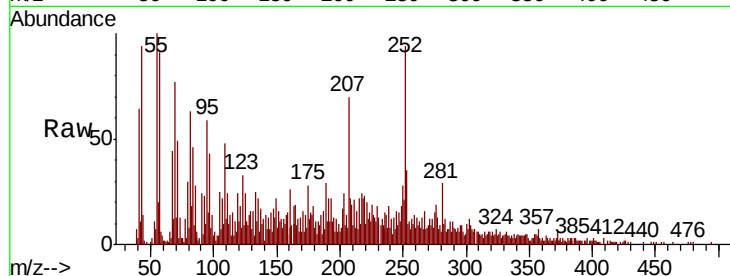
ClientSampleId :

CL-01-061719-E

Tgt Ion:	252	Resp:	33769
Ion Ratio	Lower	Upper	
252	100		
253	37.7	18.0	27.0#
125	25.8	4.3	6.5#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 3.940 ng

RT: 24.90 min Scan# 3713

Delta R.T. 0.01 min

Lab File: BG041357.D

Acq: 20 Jun 2019 15:11

Tgt Ion:	252	Resp:	51275
Ion Ratio	Lower	Upper	
252	100		
253	31.4	17.8	26.6#
125	20.6	4.2	6.4#

