

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041918.D
 Acq On : 3 Aug 2019 21:06
 Operator : HP/JU
 Sample : K3922-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A52F0MS

Manual Integrations
 APPROVED

mohammad
 8/5/2019 3:02:24 PM

Quant Time: Aug 04 02:53:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 04 02:31:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	78111	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.86	136	328463	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	231584	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.45	188	493216	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	481900	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	545962	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	2632	1.47	ng/uL	0.00
5) Phenol-d5	7.18	99	104478	17.04	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.35	67	53680	15.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	86561	16.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	98561	19.15	ng/ul	-0.01
19) Nitrobenzene-d5	9.20	128	47982	19.41	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.93	143	61293	21.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	123220	21.26	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.99	131	90198	14.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	431502	24.02	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	486272	23.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	59999	19.89	ng/ul	0.00
57) Fluorene-d10	15.69	176	383307	23.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	37208	11.76	ng/ul	0.00
70) Anthracene-d10	17.54	188	602983	25.48	ng/ul	0.00
78) Pyrene-d10	19.83	212	716488	26.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	777703	27.27	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.21	94	110071	17.395	ng/ul 98
10) 2-Chlorophenol	7.59	128	86192	16.224	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.85	70	80517	19.256	ng/ul 98
33) 4-Chloro-3-methylphenol	12.14	107	129590	22.886	ng/ul 96
44) Dimethylphthalate	14.14	163	142132	7.970	ng/ul 99
49) Acenaphthene	14.76	153	332914	22.992	ng/ul 99
52) 4-Nitrophenol	14.89	109	46249	20.695	ng/ul 89
54) 2,4-Dinitrotoluene	15.05	165	128048	22.704	ng/ul 92
68) Pentachlorophenol	17.10	266	93763	26.251	ng/ul 99
69) Phenanthrene	17.49	178	127483	4.721	ng/ul 97
76) Fluoranthene	19.50	202	395474	12.676	ng/ul 97
79) Pyrene	19.86	202	1124908	34.703	ng/ul 100
82) Benzo(a)anthracene	21.71	228	140477	4.204	ng/ul 98
84) Chrysene	21.78	228	189150	6.065	ng/ul 98
87) Benzo(b)fluoranthene	23.96	252	281748	8.223	ng/ul 98
88) Benzo(k)fluoranthene	24.02	252	85755m	2.603	ng/ul
90) Benzo(a)pyrene	24.85	252	165548	5.071	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.73	276	112427	2.952	ng/ul 97
93) Benzo(g,h,i)perylene	29.89	276	102650	3.229	ng/ul 95

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

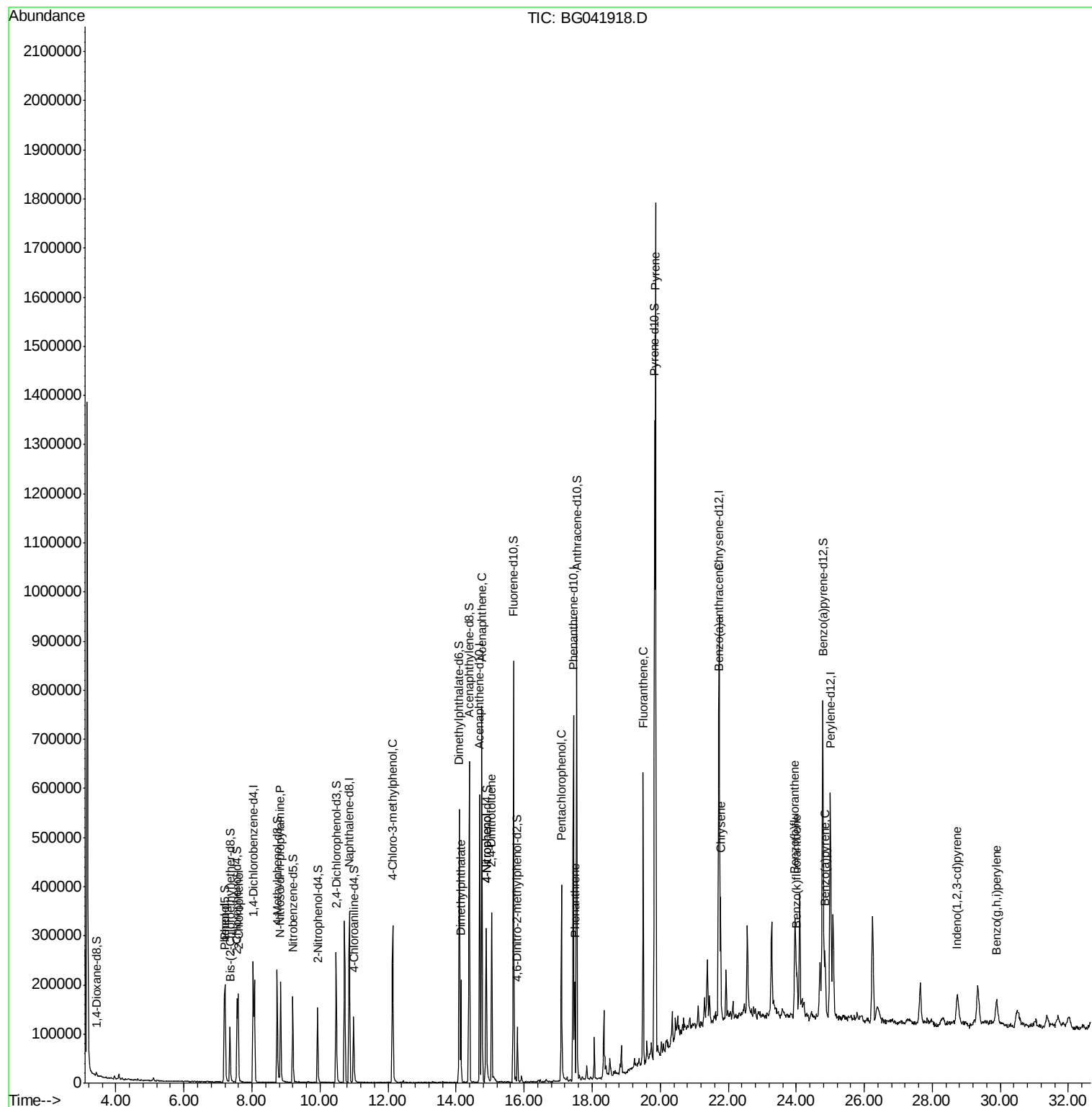
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041918.D
Acq On : 3 Aug 2019 21:06
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ALS Vial : 19 Sample Multiplier: 1

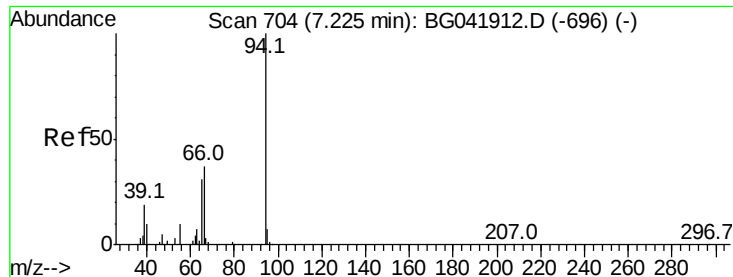
Instrument :
BNA_G
ClientSampleId :
A52F0MS

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Quant Time: Aug 04 02:53:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

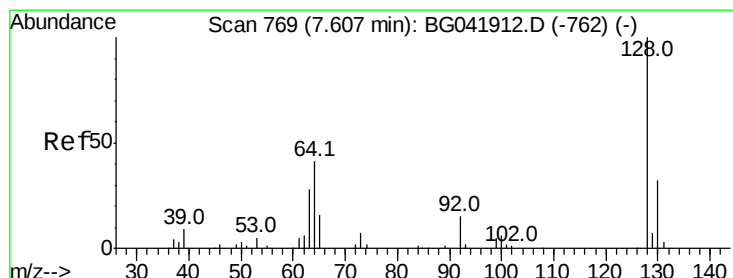
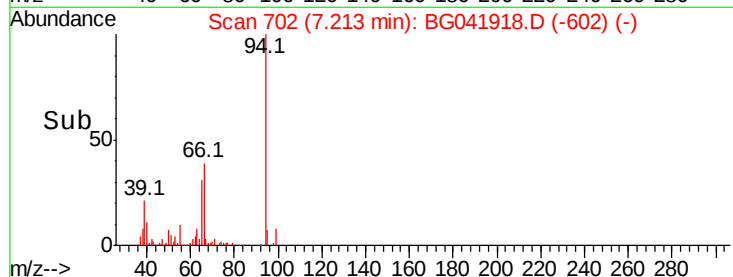
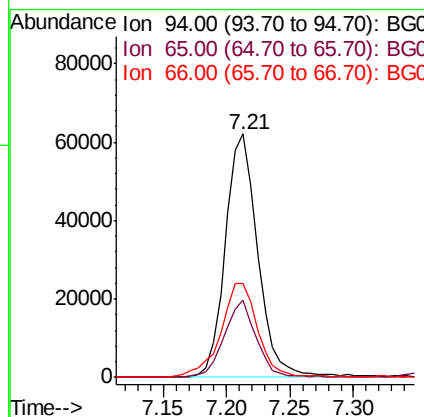
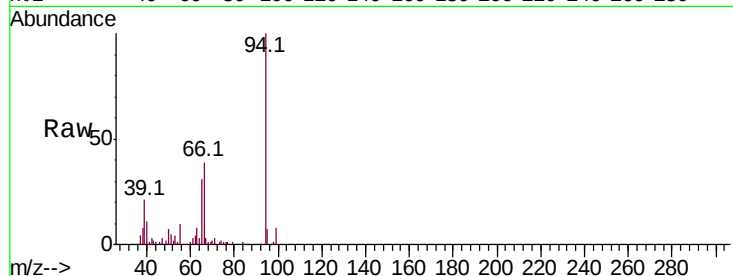
Concen: 17.395 ng/ul
 RT: 7.21 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BG041918.D
 Acq: 3 Aug 2019 21:06

Instrument :
 BNA_G
 ClientSampleId :
 A52F0MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	31.5	25.8	38.6
66	38.6	31.8	47.8

Manual Integrations
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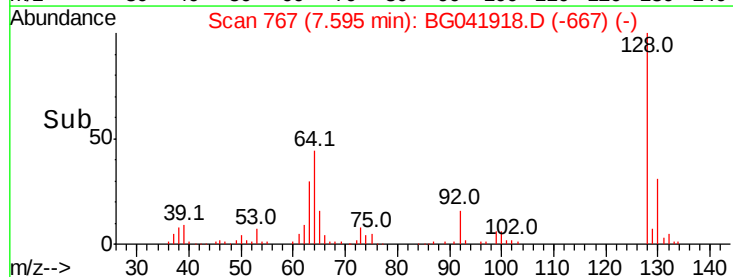
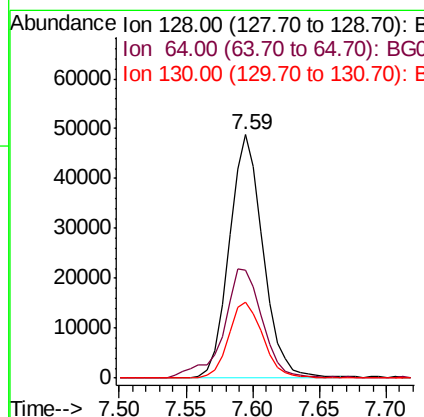
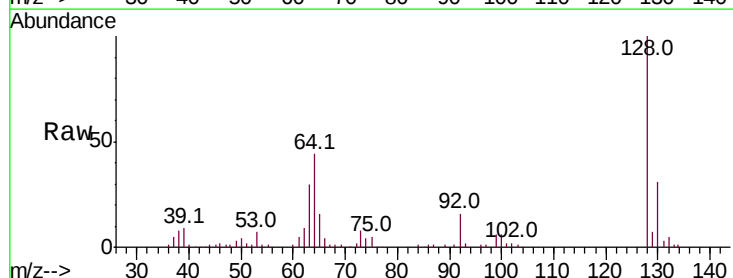


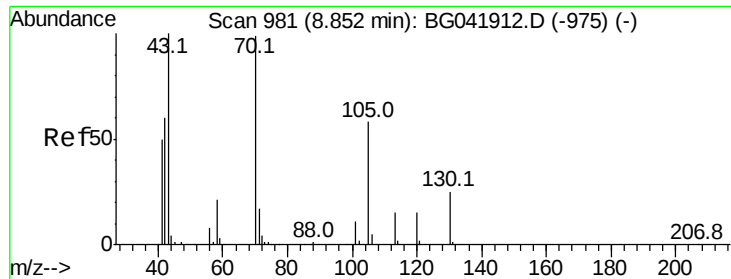
#10

2-Chlorophenol

Concen: 16.224 ng/ul
 RT: 7.59 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BG041918.D
 Acq: 3 Aug 2019 21:06

Tgt Ion	Ratio	Lower	Upper
128	100		
64	44.1	35.5	53.3
130	31.4	26.2	39.4





#15

N-Nitroso-di-n-propylamine

Concen: 19.256 ng/ul

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG041918.D

Acq: 3 Aug 2019 21:06

Instrument :

BNA_G

ClientSampleId :

A52F0MS

Tot Ion: 70 Resp: 80517

Ion Ratio Lower Upper

70 100

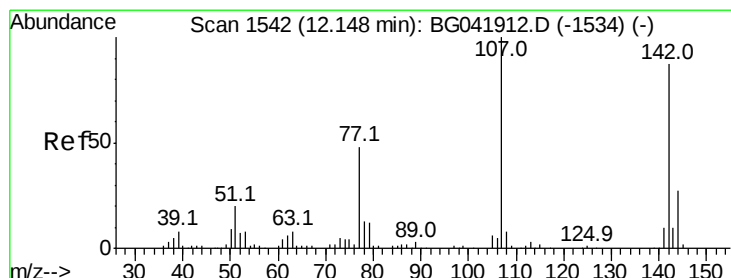
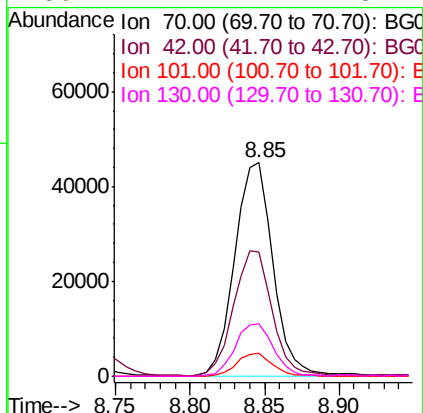
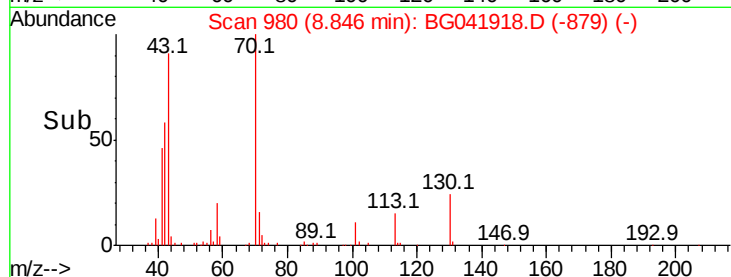
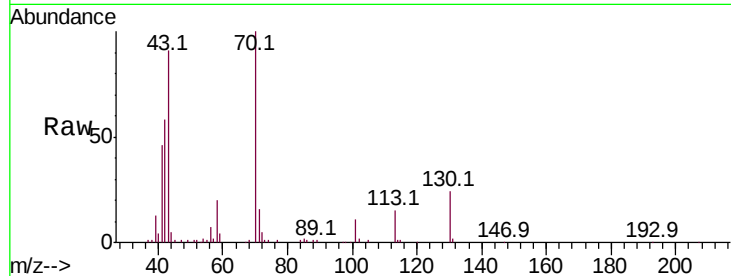
42 58.2 46.4 69.6

101 11.0 9.7 14.5

130 24.4 21.1 31.7

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#33

4-Chloro-3-methylphenol

Concen: 22.886 ng/ul

RT: 12.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BG041918.D

Acq: 3 Aug 2019 21:06

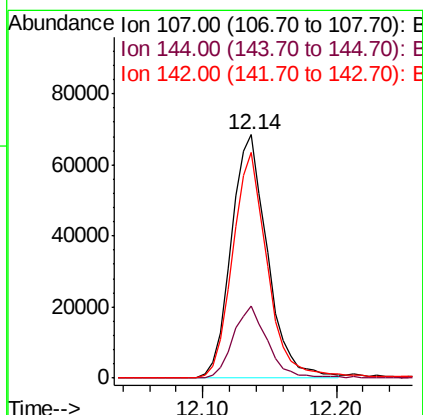
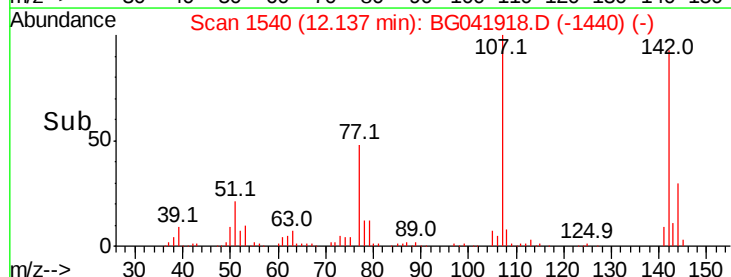
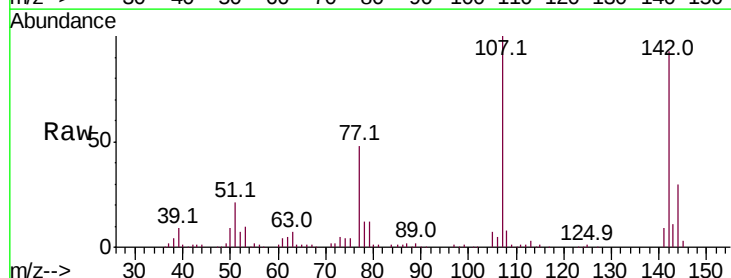
Tgt Ion: 107 Resp: 129590

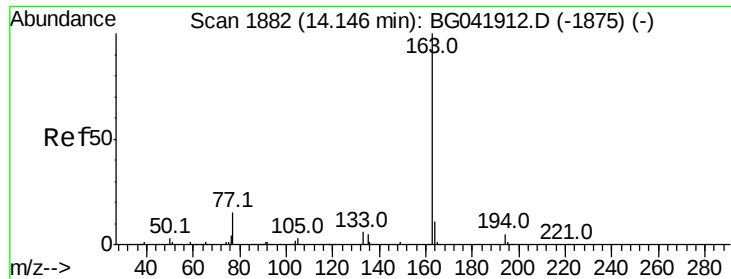
Ion Ratio Lower Upper

107 100

144 29.8 23.0 34.6

142 92.8 71.0 106.6





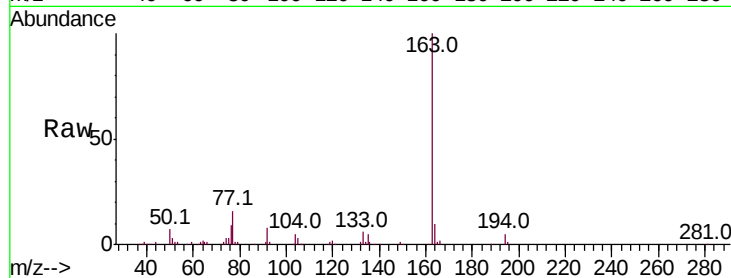
#44
Dimethylphthalate
Concen: 7.970 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG041918.D
Acq: 3 Aug 2019 21:06

Instrument :
BNA_G
ClientSampleId :
A52F0MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.4	7.8	11.8

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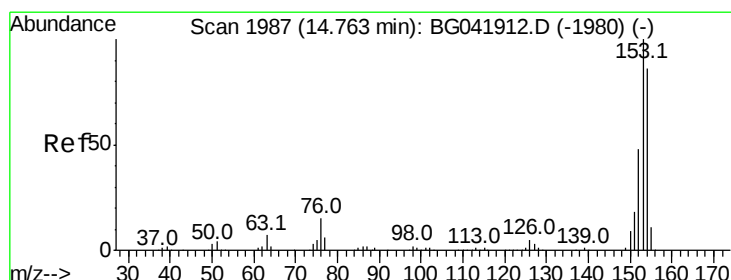
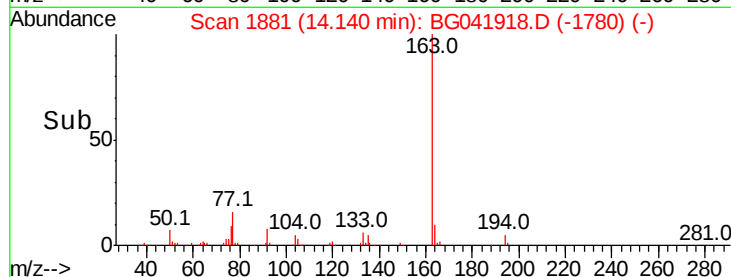
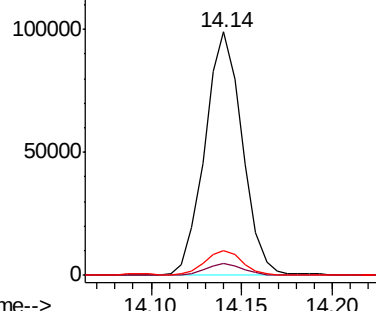


Abundance

Ion 163.00 (162.70 to 163.70): E

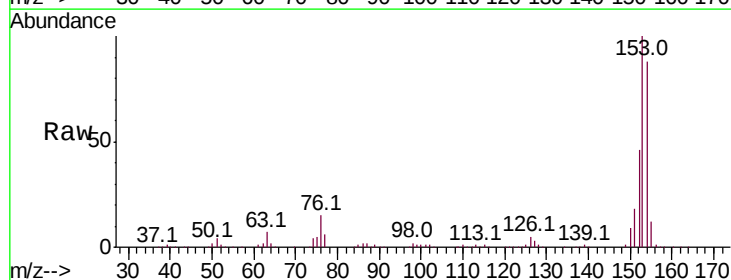
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49
Acenaphthene
Concen: 22.992 ng/ul
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041918.D
Acq: 3 Aug 2019 21:06

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.8	56.8
154	87.9	69.4	104.2

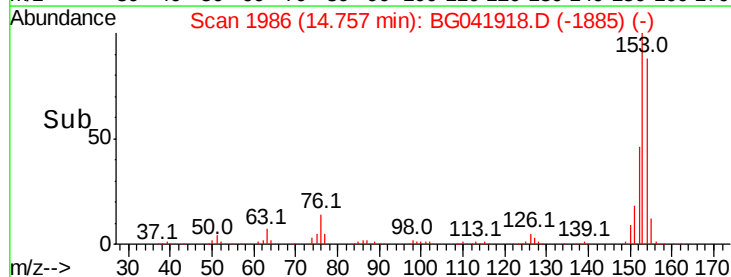
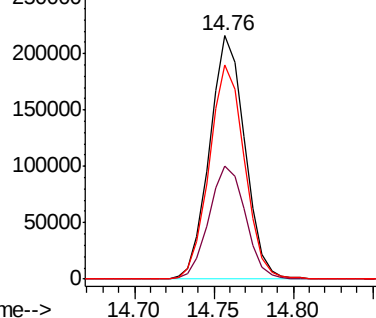


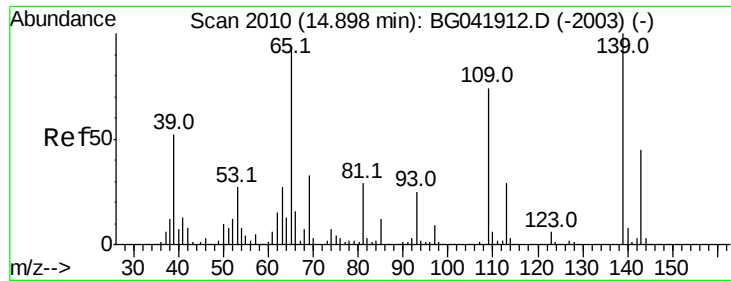
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.695 ng/ul

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG041918.D

Acq: 3 Aug 2019 21:06

Instrument :

BNA_G

ClientSampled :

A52F0MS

Tot Ion:109 Resp: 46249

Ion Ratio Lower Upper

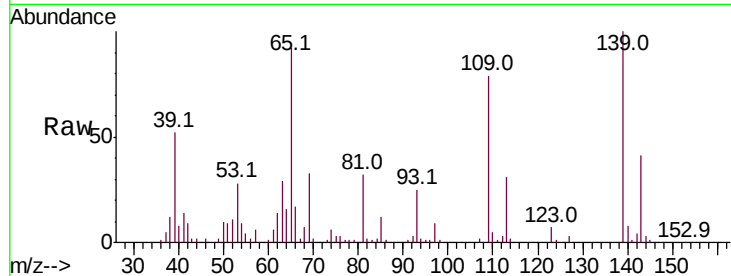
109 100

139 126.9 111.8 167.6

65 116.9 103.6 155.4

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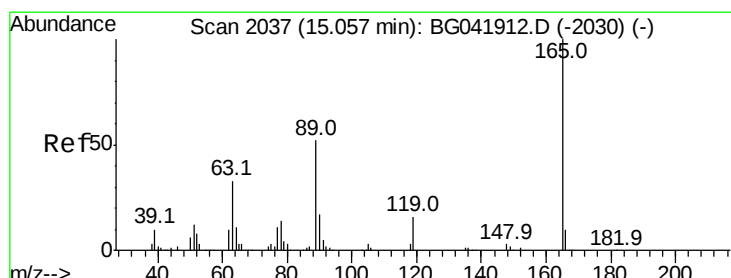
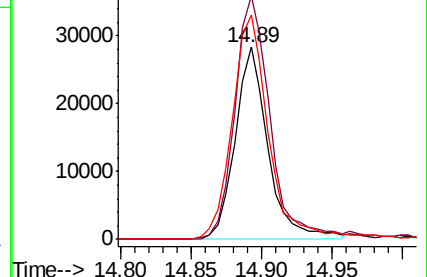
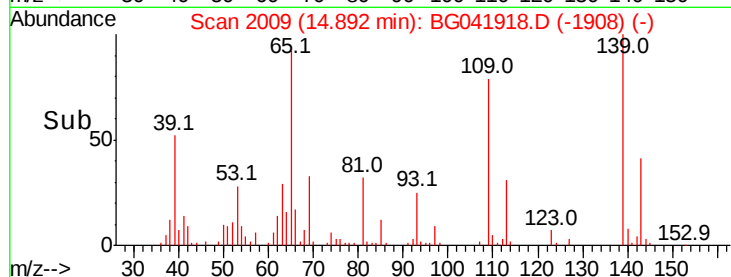
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Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#54

2,4-Dinitrotoluene

Concen: 22.704 ng/ul

RT: 15.05 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BG041918.D

Acq: 3 Aug 2019 21:06

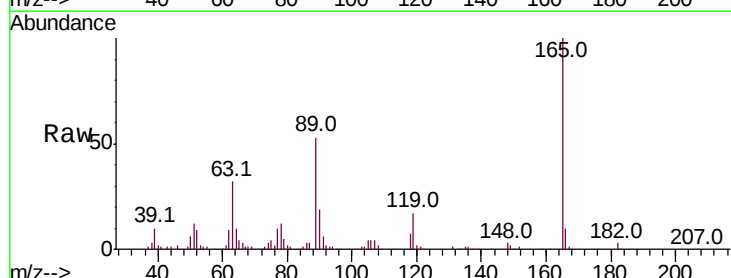
Tgt Ion:165 Resp: 128048

Ion Ratio Lower Upper

165 100

63 31.6 29.4 44.2

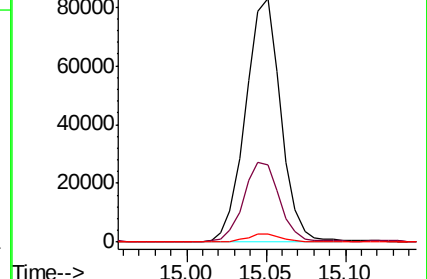
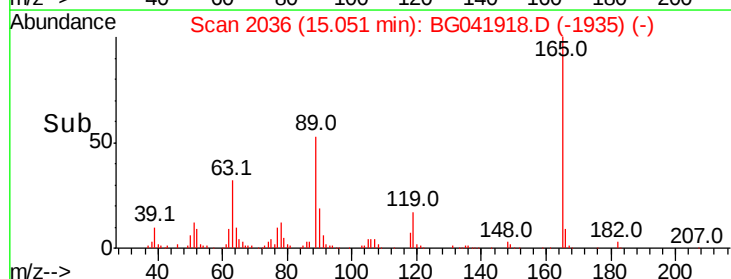
182 3.2 2.6 4.0

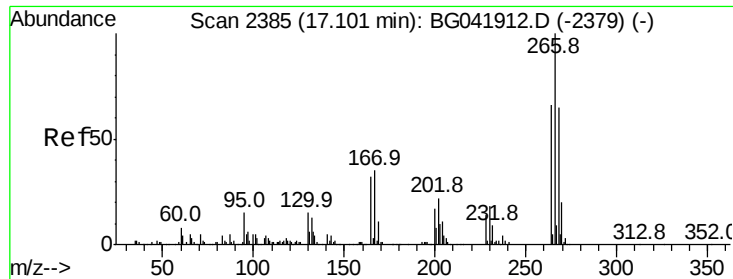


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





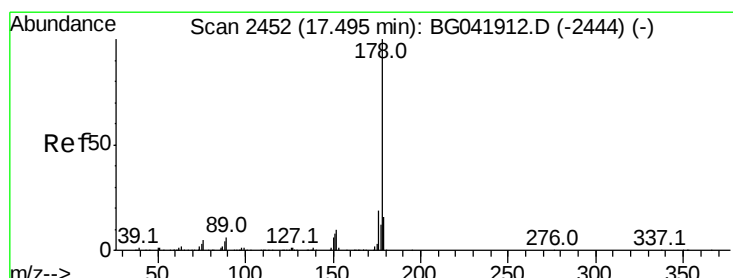
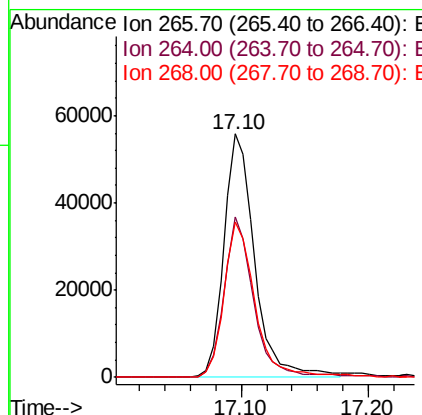
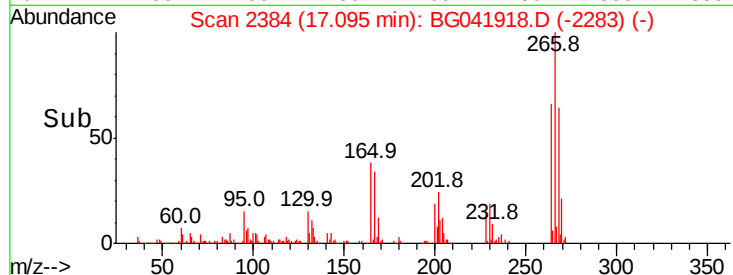
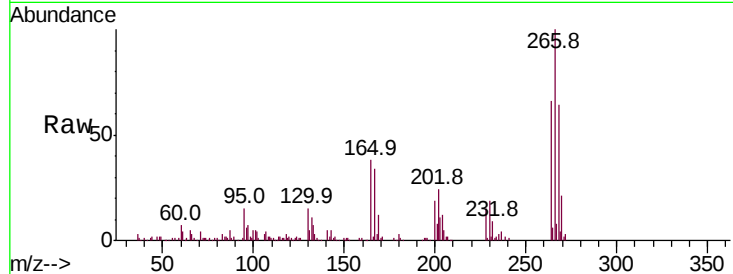
#68
 Pentachlorophenol
 Concen: 26.251 ng/ul
 RT: 17.10 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BG041918.D
 Acq: 3 Aug 2019 21:06

Instrument :
 BNA_G
 ClientSampleId :
 A52F0MS

Tot Ion:	266	Resp:	93763
Ion Ratio	Lower	Upper	
266	100		
264	66.1	52.3	78.5
268	67.2	53.2	79.8

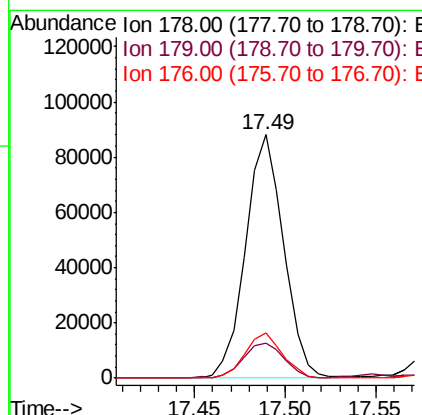
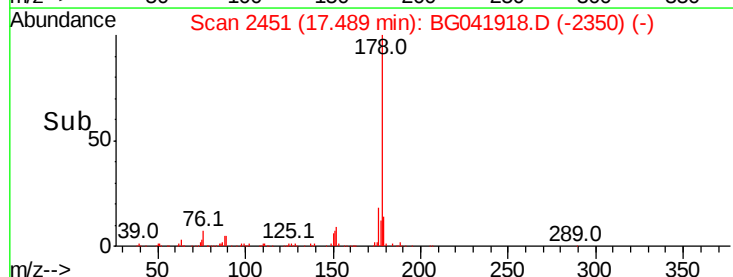
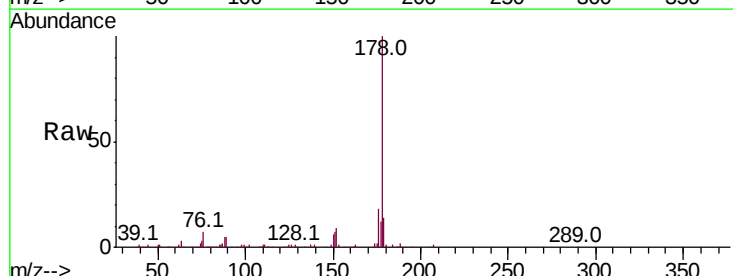
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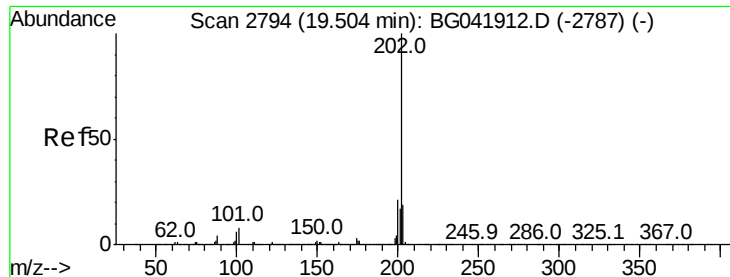
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#69
 Phenanthrene
 Concen: 4.721 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.01 min
 Lab File: BG041918.D
 Acq: 3 Aug 2019 21:06

Tgt Ion:	178	Resp:	127483
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.8	19.2
176	18.3	15.4	23.2





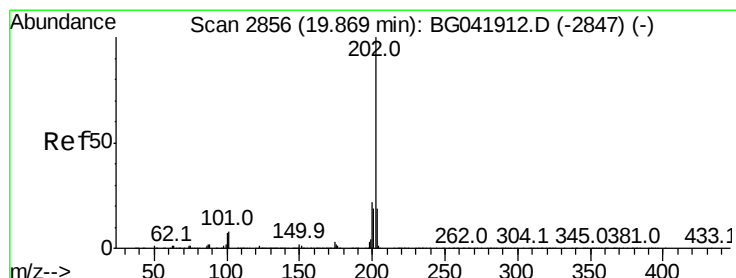
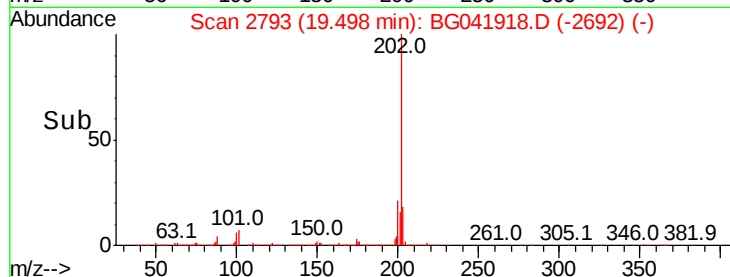
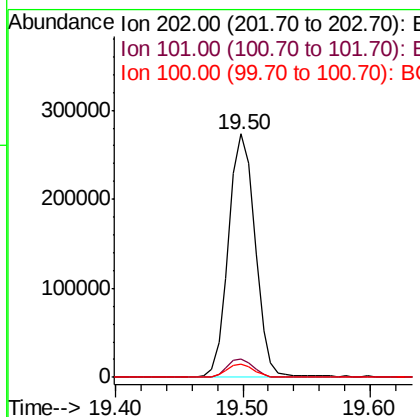
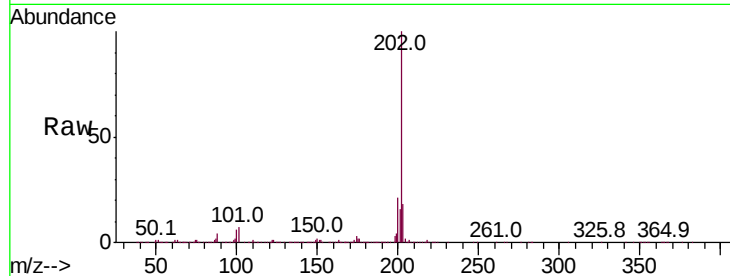
#76
 Fluoranthene
 Concen: 12.676 ng/ul
 RT: 19.50 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BG041918.D
 Acq: 3 Aug 2019 21:06

Instrument :
 BNA_G
 ClientSampleId :
 A52F0MS

Tot Ion:	202	Resp:	395474
Ion Ratio	Lower	Upper	
202	100		
101	7.5	6.7	10.1
100	5.6	5.3	7.9

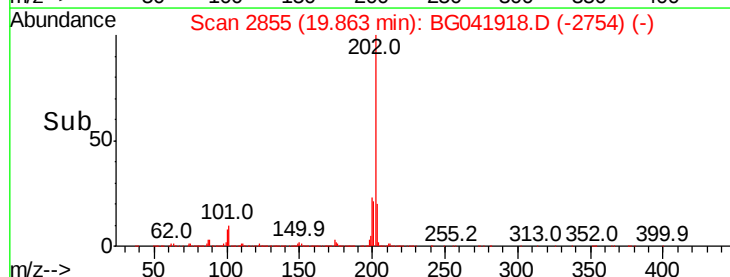
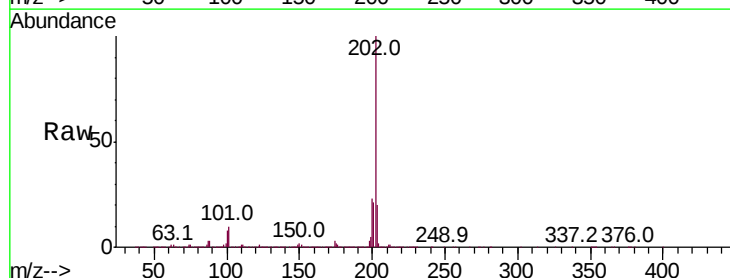
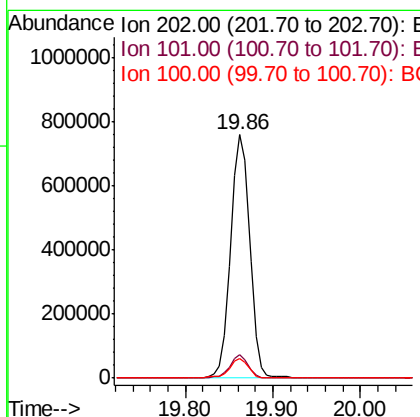
Manual Integrations
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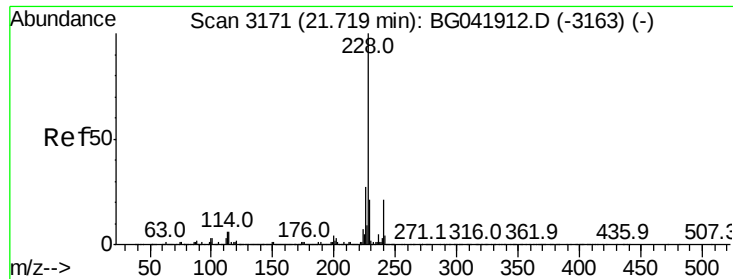
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#79
 Pyrene
 Concen: 34.703 ng/ul
 RT: 19.86 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BG041918.D
 Acq: 3 Aug 2019 21:06

Tgt Ion:	202	Resp:	1124908
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.6	11.4
100	8.3	6.5	9.7





#82

Benzo(a)anthracene

Concen: 4.204 ng/ul

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG041918.D

Acq: 3 Aug 2019 21:06

Instrument :

BNA_G

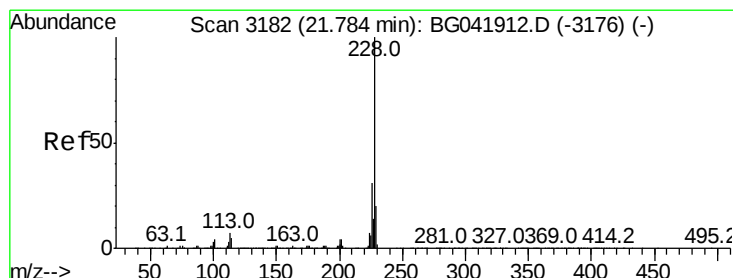
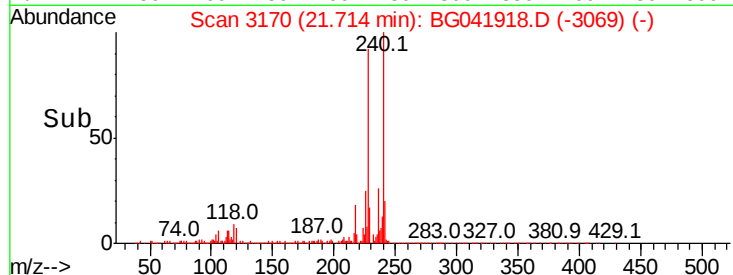
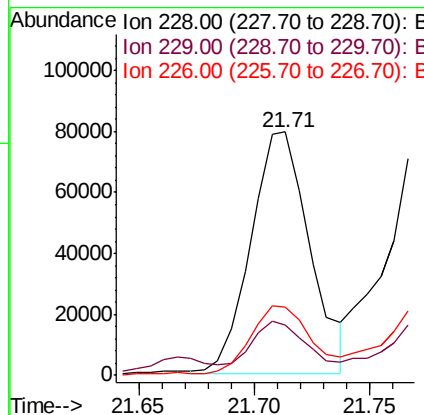
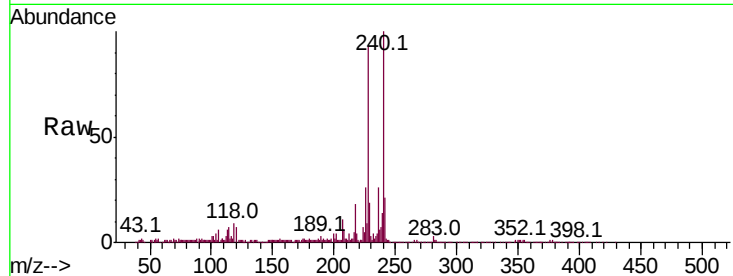
ClientSampled :

A52F0MS

Tot Ion:	228	Resp:	140477
Ion Ratio	Lower	Upper	
228	100		
229	20.5	17.0	25.6
226	27.8	23.3	34.9

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#84

Chrysene

Concen: 6.065 ng/ul

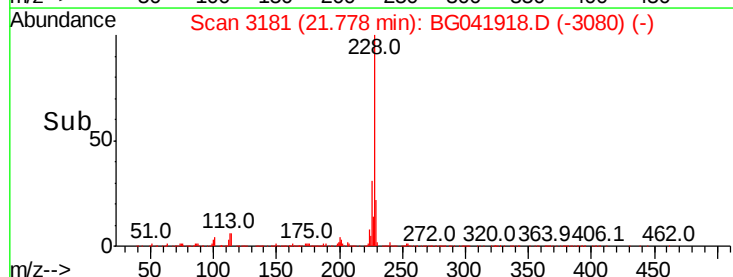
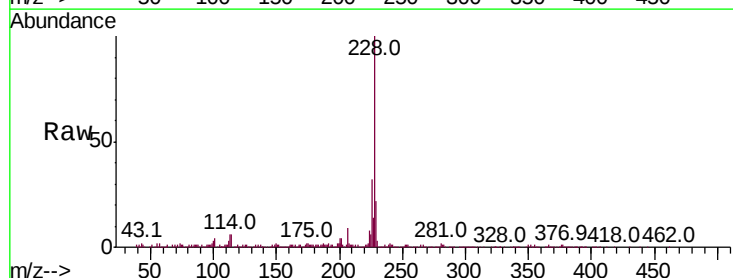
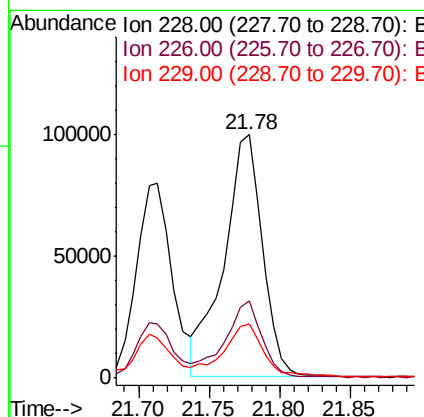
RT: 21.78 min Scan# 3181

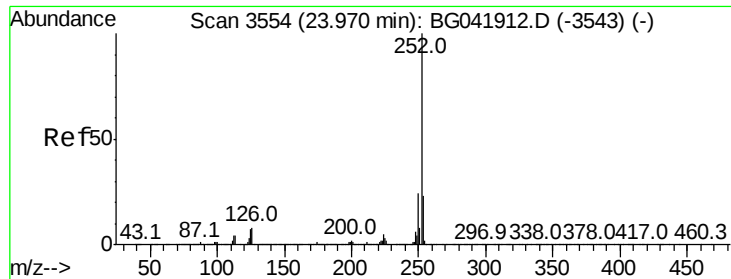
Delta R.T. -0.01 min

Lab File: BG041918.D

Acq: 3 Aug 2019 21:06

Tgt Ion:	228	Resp:	189150
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.7	38.5
229	22.0	16.6	24.8





#87

Benzo(b)fluoranthene

Concen: 8.223 ng/ul

RT: 23.96 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG041918.D

Acq: 3 Aug 2019 21:06

Instrument :

BNA_G

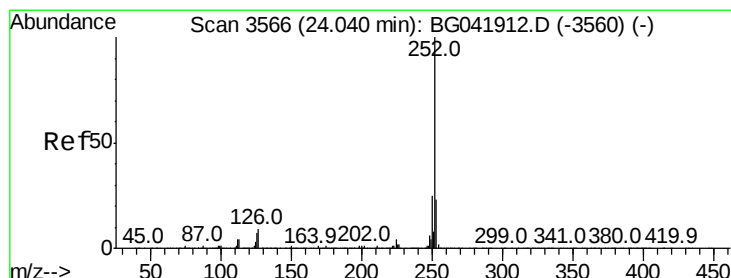
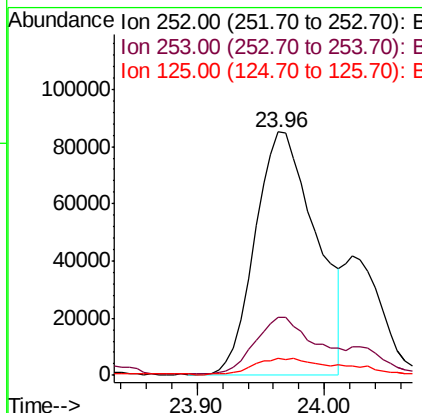
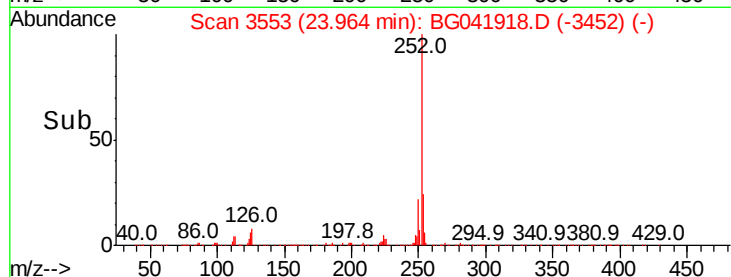
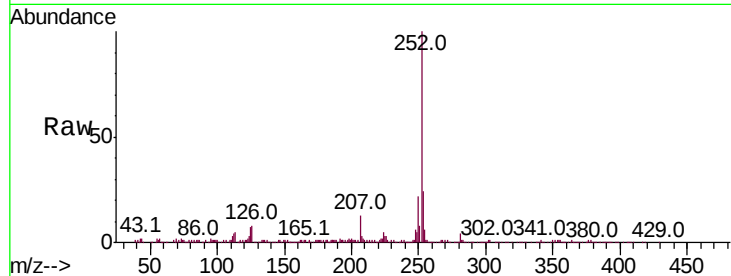
ClientSampleId :

A52F0MS

Tot Ion:	252	Resp:	281748
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.4	27.6
125	6.9	5.8	8.8

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#88

Benzo(k)fluoranthene

Concen: 2.603 ng/ul m

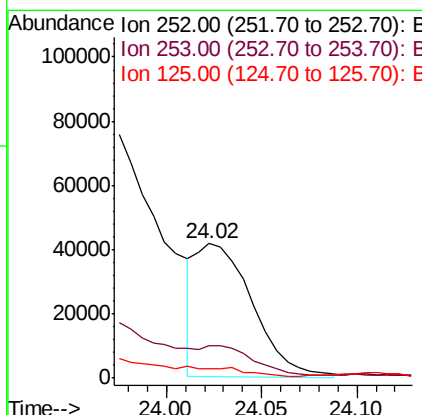
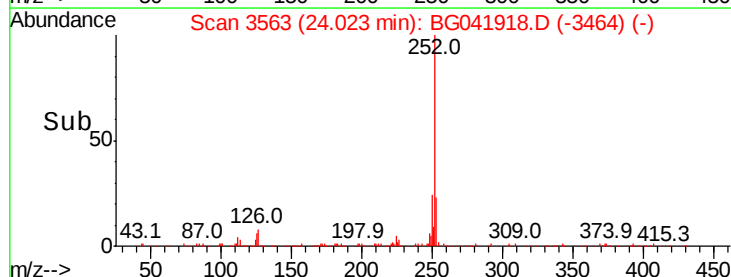
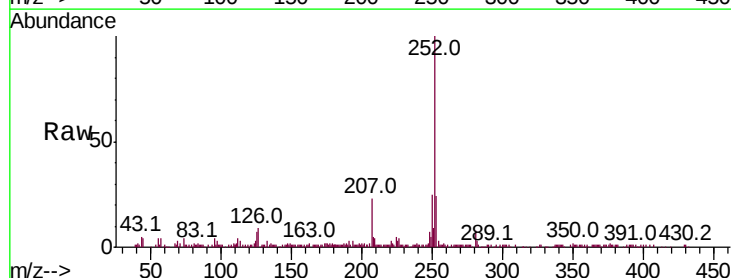
RT: 24.02 min Scan# 3563

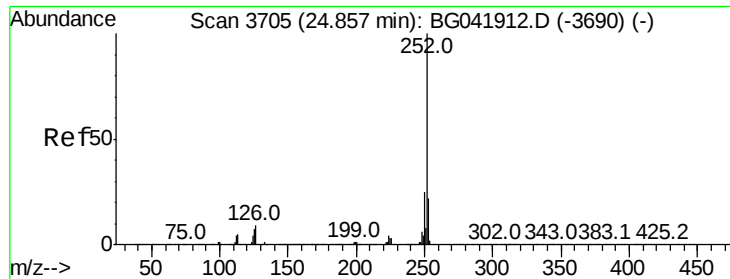
Delta R.T. -0.02 min

Lab File: BG041918.D

Acq: 3 Aug 2019 21:06

Tgt Ion:	252	Resp:	85755
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.3	27.5
125	7.4	5.5	8.3





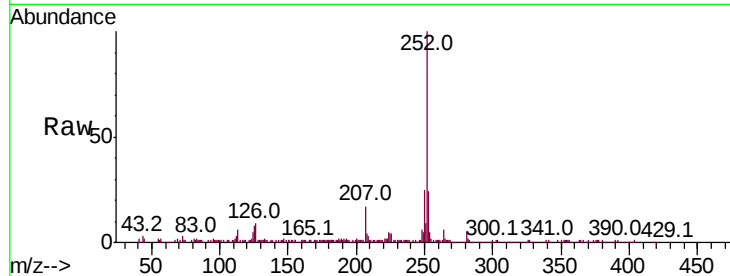
#90
Benzo(a)pyrene
Concen: 5.071 ng/ul
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041918.D
Acq: 3 Aug 2019 21:06

Instrument :
BNA_G
ClientSampleId :
A52F0MS

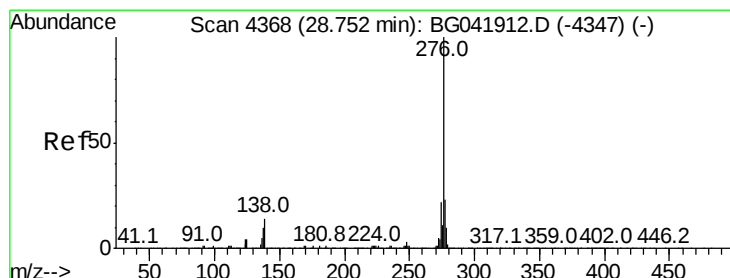
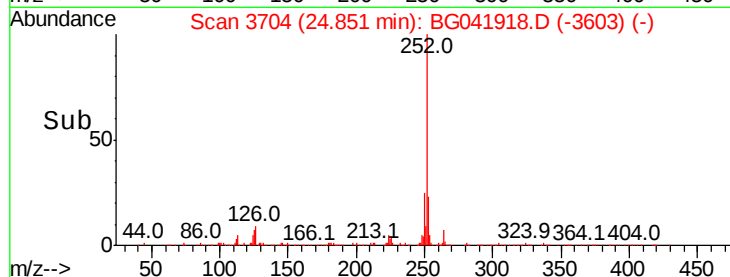
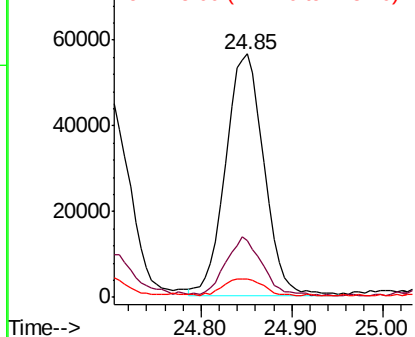
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	18.3	27.5
125	7.7	6.5	9.7

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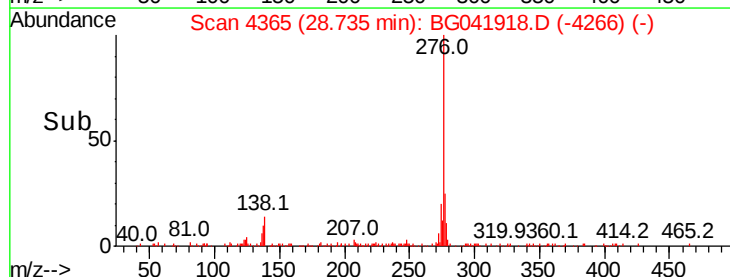
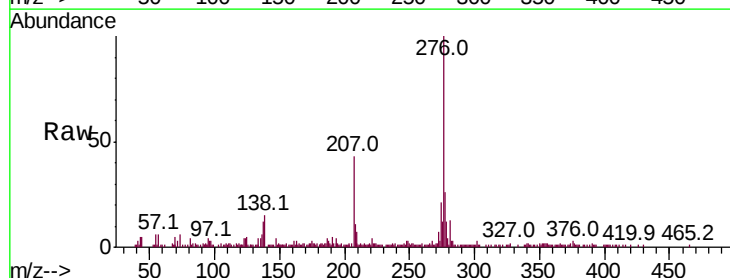
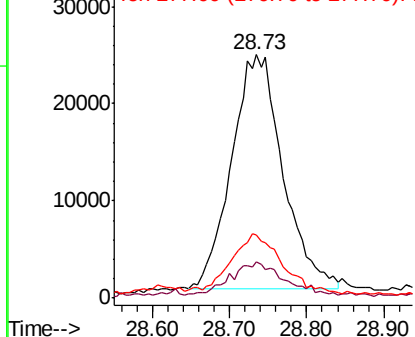
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

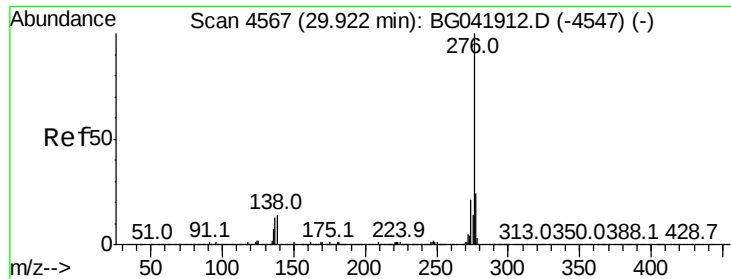


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.952 ng/ul
RT: 28.73 min Scan# 4365
Delta R.T. -0.02 min
Lab File: BG041918.D
Acq: 3 Aug 2019 21:06

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.8	12.0	18.0
277	26.2	19.2	28.8

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





#93
 Benzo(a,h,i)perylene
 Concen: 3.229 ng/ul
 RT: 29.89 min Scan# 4562
 Delta R.T. -0.03 min
 Lab File: BG041918.D
 Acq: 3 Aug 2019 21:06

Instrument :
 BNA_G
 ClientSampleId :
 A52F0MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.8	12.6	18.8
277	20.7	19.2	28.8

Manual Integrations
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