

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044768.D
 Acq On : 13 Mar 2020 15:37
 Operator : CG/JU
 Sample : L1887-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-TP

Manual Integrations
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Quant Time: Mar 13 16:40:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	114420	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	465734	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	305216	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	657507	20.00	ng	0.00
76) Chrysene-d12	21.70	240	554436	20.00	ng	-0.01
87) Perylene-d12	24.92	264	645092	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	756851	102.97	ng	0.00
7) Phenol-d6	7.21	99	1089955	102.06	ng	0.00
23) Nitrobenzene-d5	9.20	82	724283	68.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	417077	104.36	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1446702	67.88	ng	0.00
79) Terphenyl-d14	20.04	244	1952963	65.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	183054	7.530	ng	Qvalue 98
71) Phenanthrene	17.47	178	146932m	4.182	ng	
75) Fluoranthene	19.48	202	428618	10.245	ng	94
78) Pyrene	19.84	202	441765	10.860	ng	96
81) Benzo(a)anthracene	21.68	228	222966	5.585	ng	98
83) Chrysene	21.74	228	233410m	6.120	ng	
86) Indeno(1,2,3-cd)pyrene	28.56	276	155983	3.120	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	291698	6.849	ng	99
89) Benzo(k)fluoranthene	23.96	252	100427m	2.492	ng	
90) Benzo(a)pyrene	24.76	252	233137	5.850	ng	96
92) Benzo(g,h,i)perylene	29.70	276	144526	3.639	ng	95

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

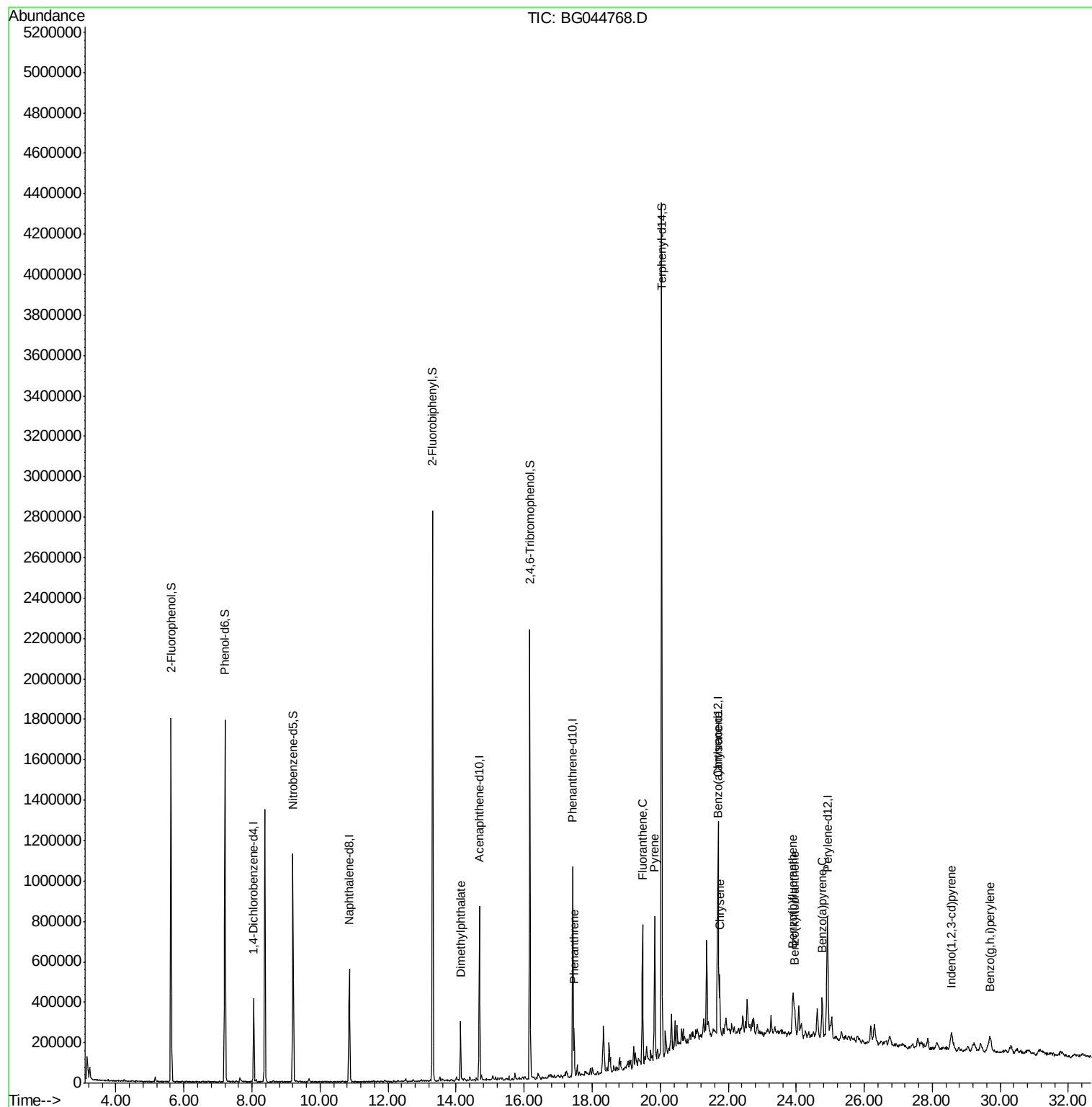
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044768.D
Acq On : 13 Mar 2020 15:37
Operator : CG/JU
Sample : L1887-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

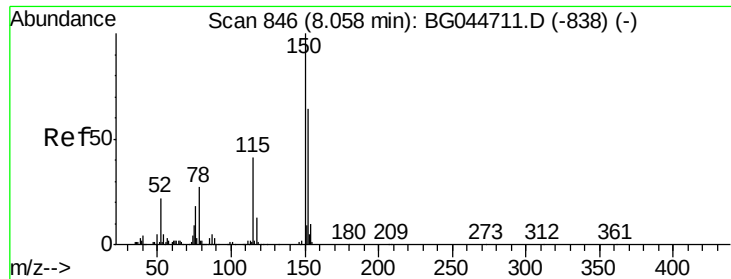
Instrument :
BNA_G
ClientSampleId :
CL-TP

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Quant Time: Mar 13 16:40:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration





#1

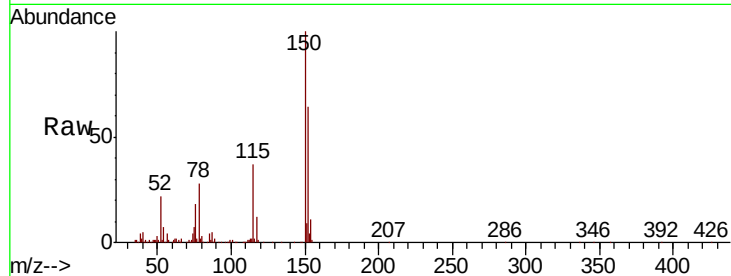
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044768.D
Acq: 13 Mar 2020 15:37

Instrument :
BNA_G
ClientSampled :
CL-TP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.3	187.9
115	58.7	51.7	77.5

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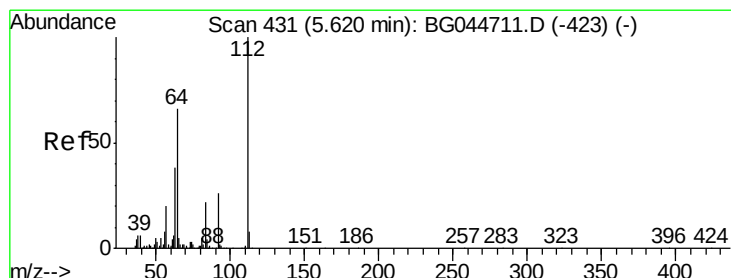
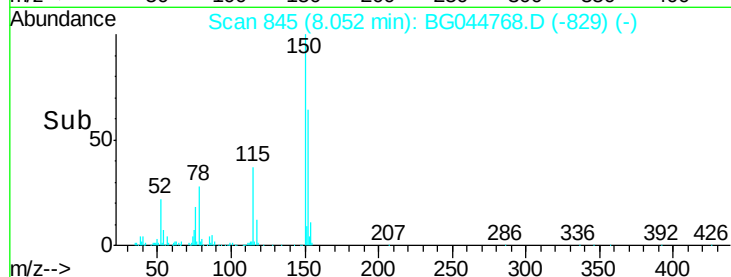
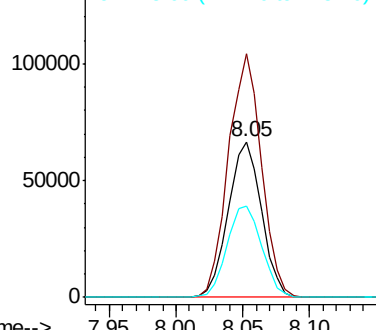


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

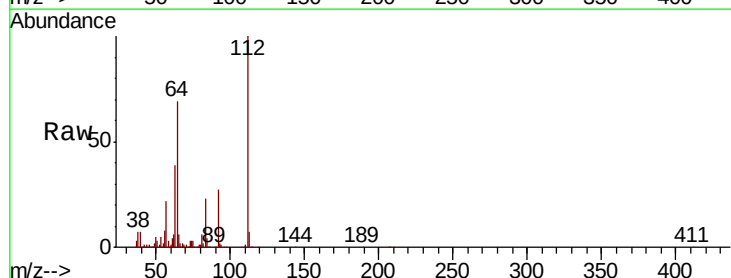
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.970 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.00 min
Lab File: BG044768.D
Acq: 13 Mar 2020 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	52.6	78.8
63	38.6	30.2	45.4

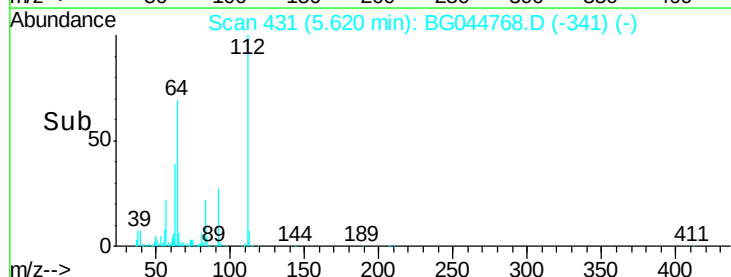
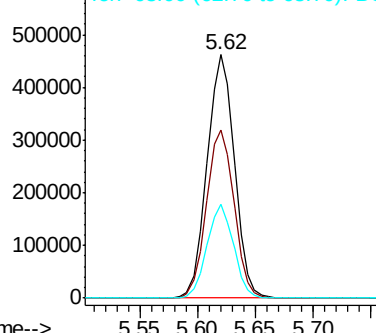


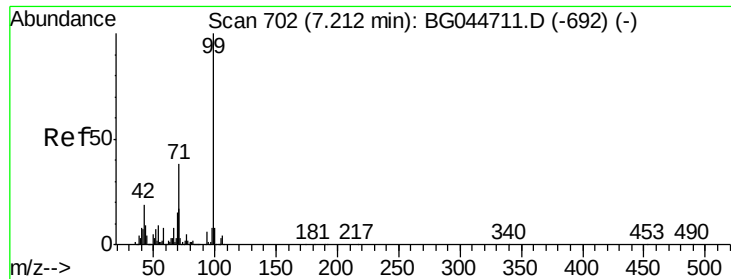
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 102.062 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044768.D

Acq: 13 Mar 2020 15:37

Instrument :

BNA_G

ClientSampleId :

CL-TP

Tot Ion: 99 Resp: 1089955

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.0

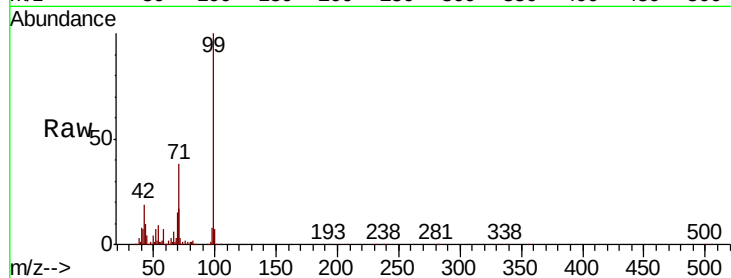
71 38.4 30.2 45.4

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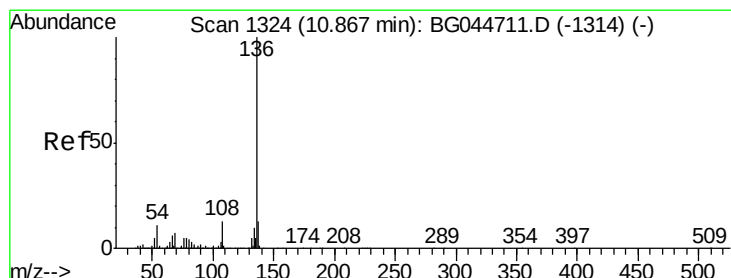
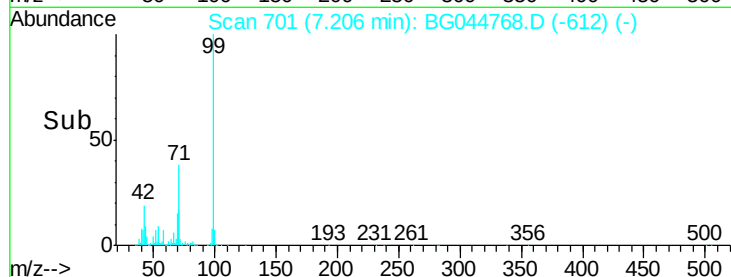
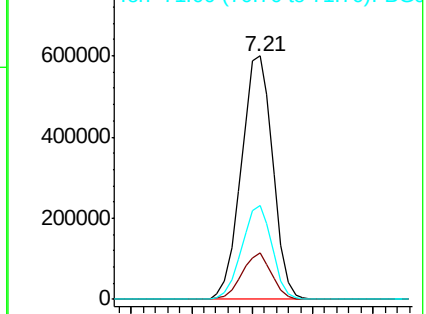


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG044768.D

Acq: 13 Mar 2020 15:37

Tgt Ion: 136 Resp: 465734

Ion Ratio Lower Upper

136 100

137 11.4 10.7 16.1

54 9.2 9.0 13.4

68 7.3 5.9 8.9

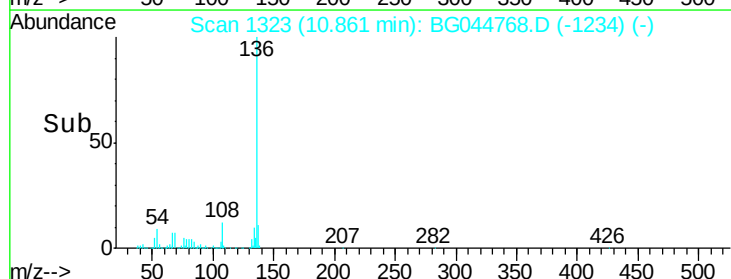
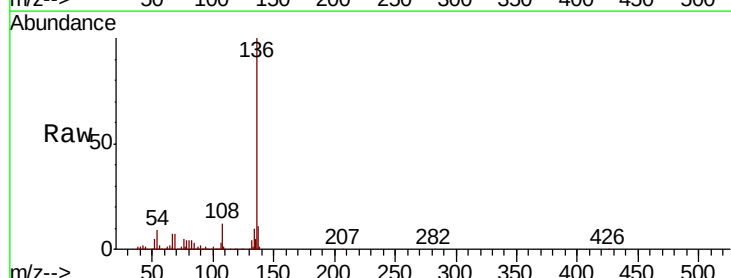
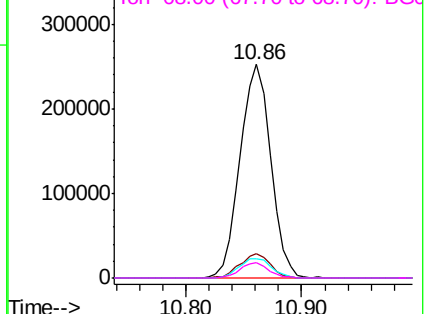
Abundance

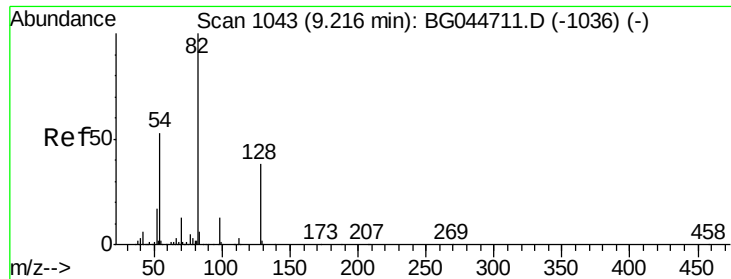
Ion 136.00 (135.70 to 136.70): BGC

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





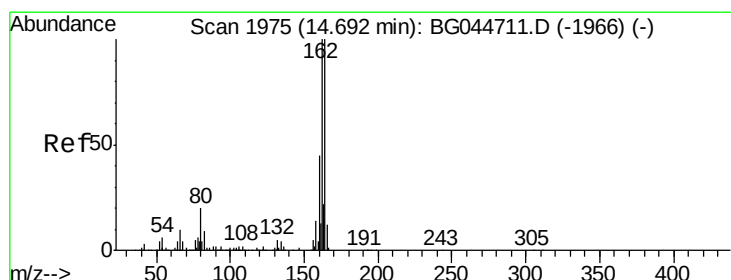
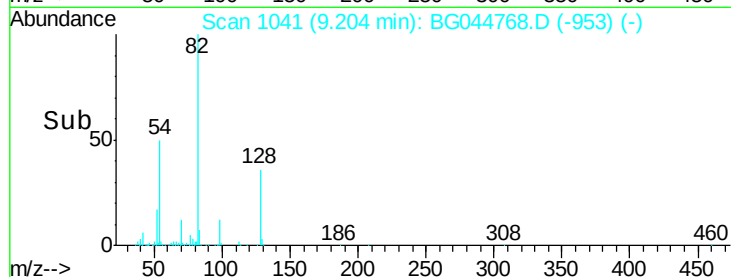
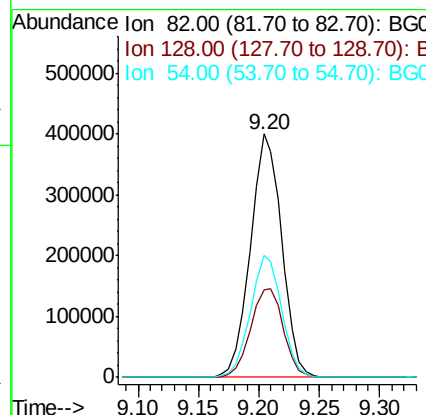
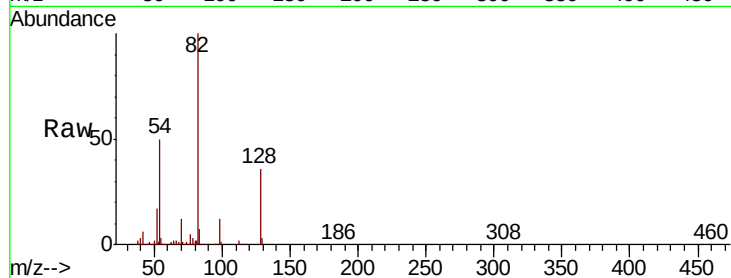
#23
Nitrobenzene-d5
Concen: 68.242 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044768.D
Acq: 13 Mar 2020 15:37

Instrument :
BNA_G
ClientSampled :
CL-TP

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	30.2	45.2
54	50.0	41.8	62.8

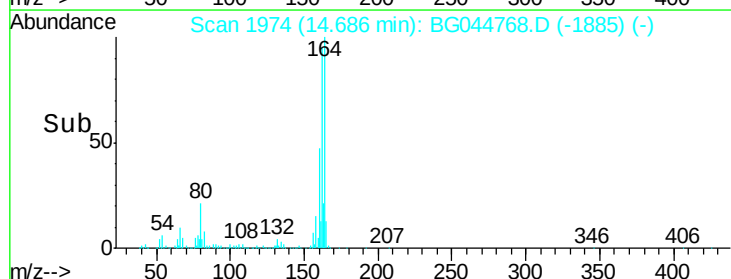
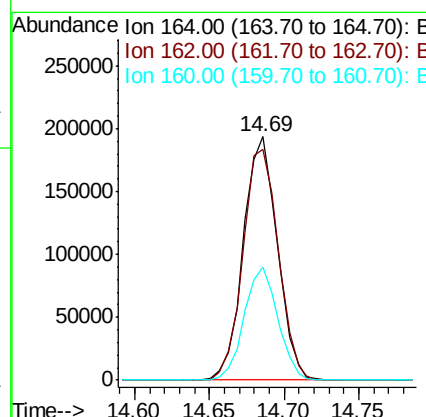
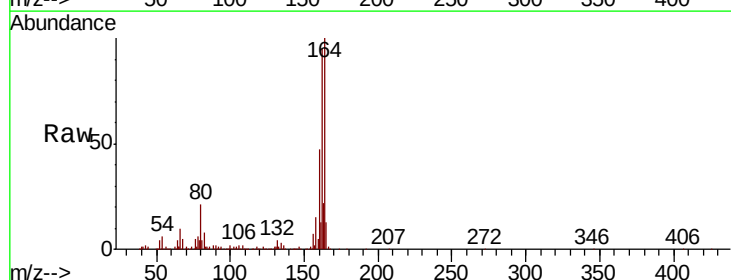
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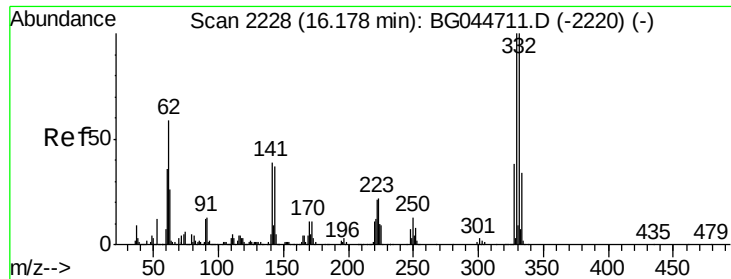
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044768.D
Acq: 13 Mar 2020 15:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.8	80.2	120.4
160	46.6	36.2	54.2





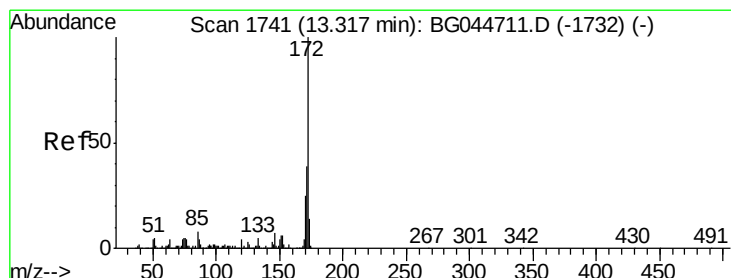
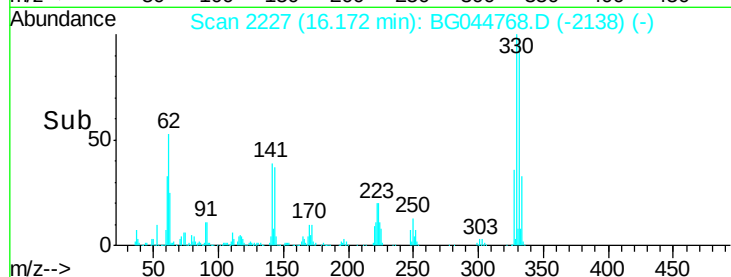
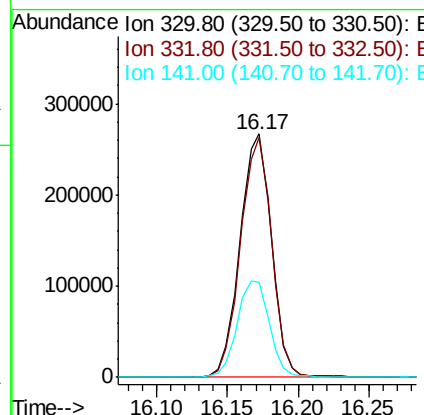
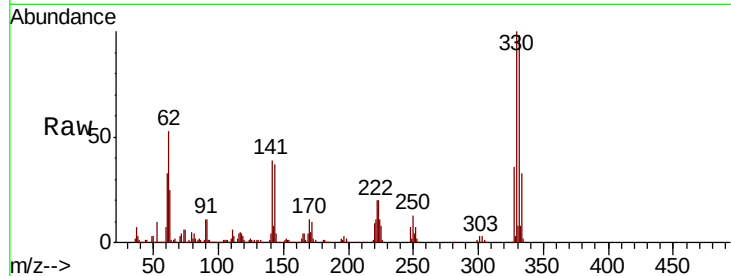
#42
 2,4,6-Tribromophenol
 Concen: 104.365 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044768.D
 Acq: 13 Mar 2020 15:37

Instrument :
 BNA_G
 ClientSampled :
 CL-TP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.5	116.3
141	40.7	31.7	47.5

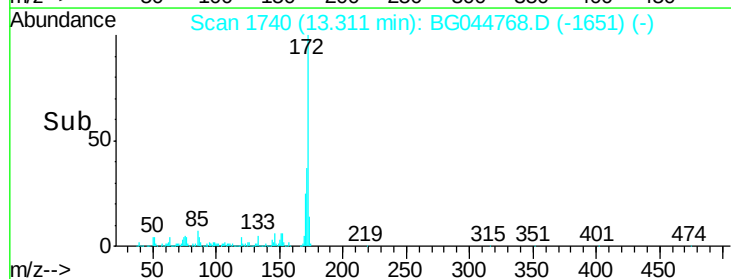
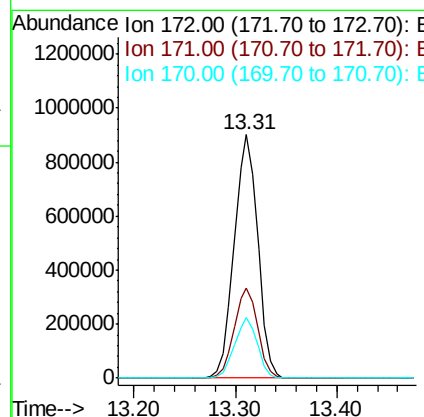
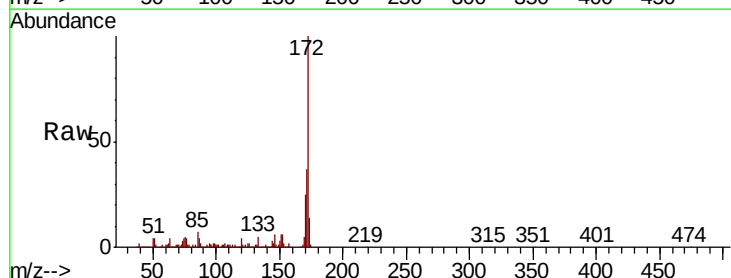
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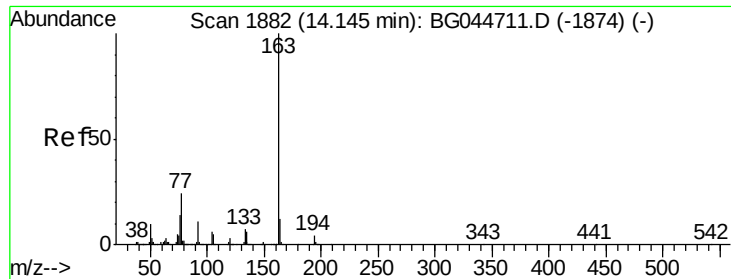
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#45
 2-Fluorobiphenyl
 Concen: 67.877 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044768.D
 Acq: 13 Mar 2020 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	25.0	20.0	30.0





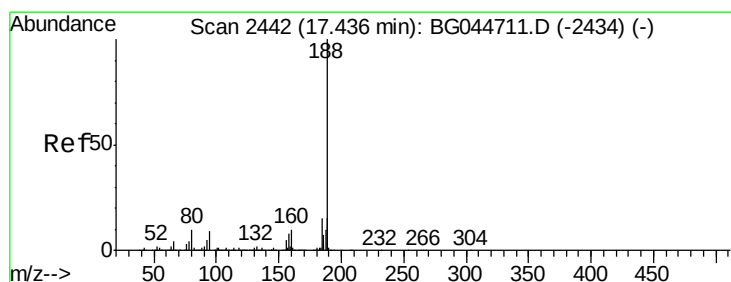
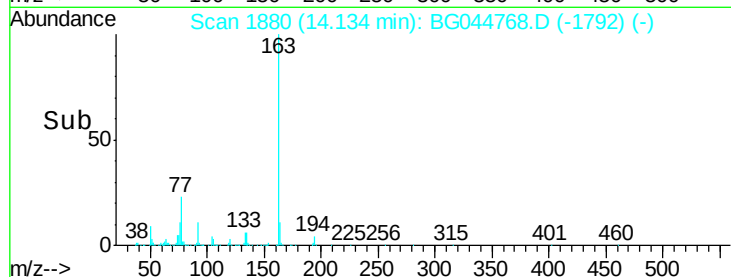
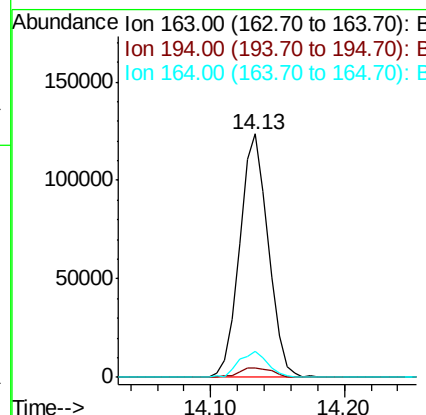
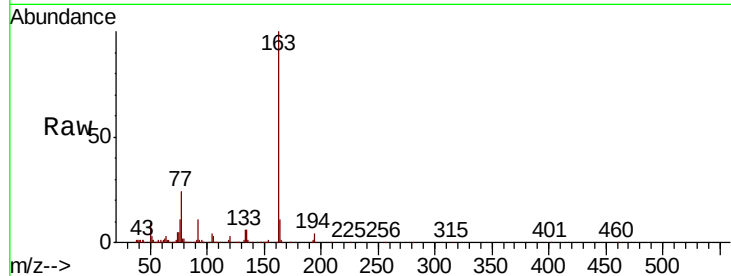
#50
Dimethylphthalate
Concen: 7.530 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044768.D
Acq: 13 Mar 2020 15:37

Instrument :
BNA_G
ClientSampleId :
CL-TP

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.5	9.2	13.8

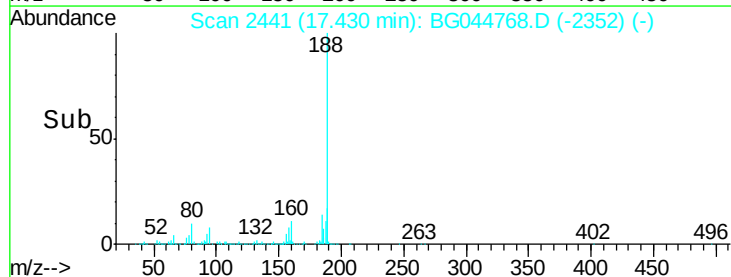
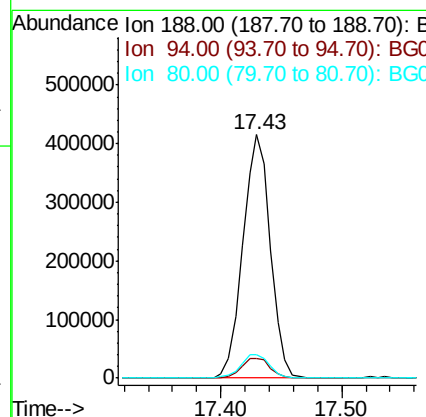
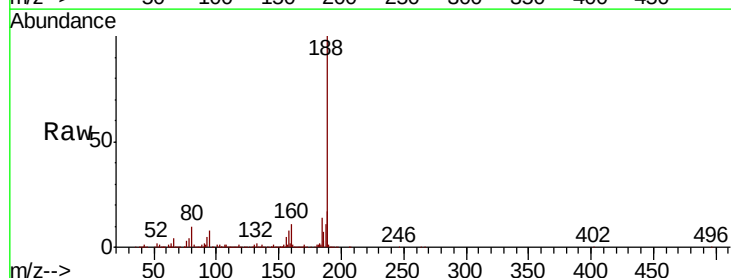
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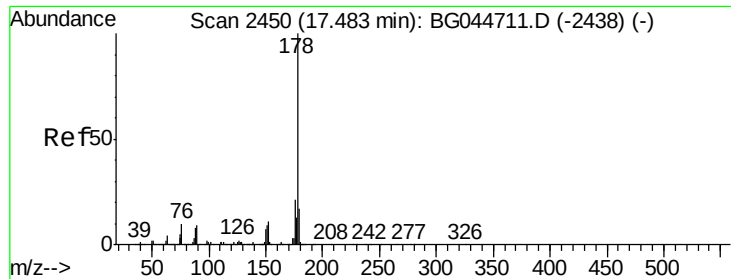
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044768.D
Acq: 13 Mar 2020 15:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	9.7	8.4	12.6





#71

Phenanthrene

Concen: 4.182 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG044768.D

Acq: 13 Mar 2020 15:37

Instrument :

BNA_G

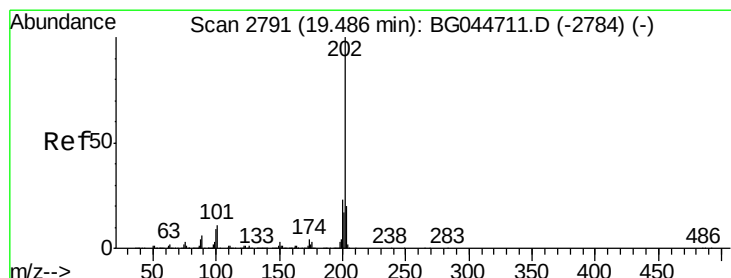
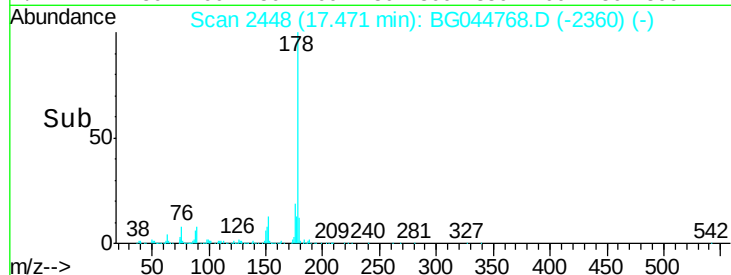
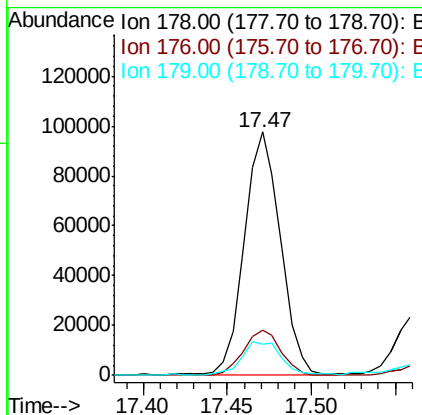
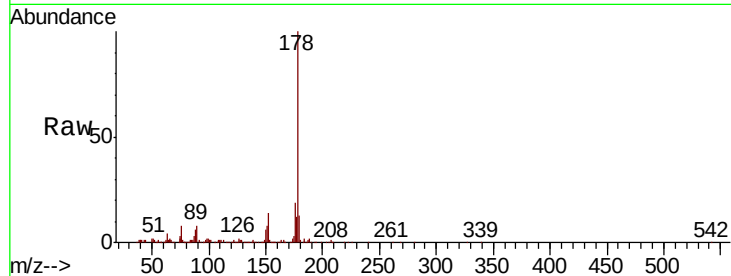
ClientSampleId :

CL-TP

Tot Ion:	178	Resp:	146932
Ion	Ratio	Lower	Upper
178	100		
176	18.8	17.0	25.6
179	12.5	13.7	20.5#

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#75

Fluoranthene

Concen: 10.245 ng

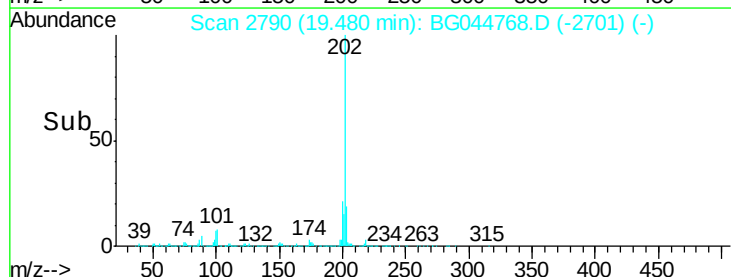
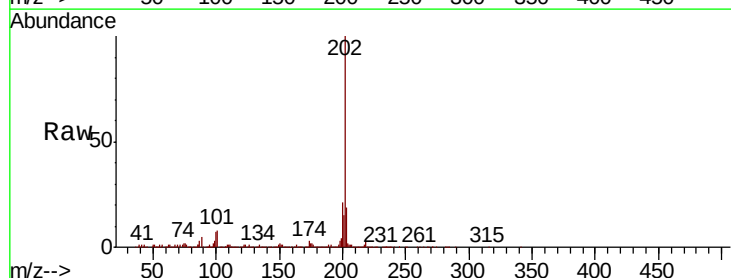
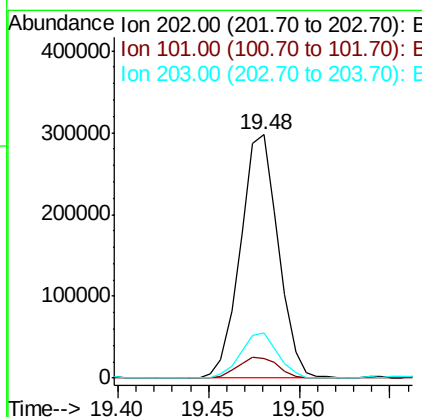
RT: 19.48 min Scan# 2790

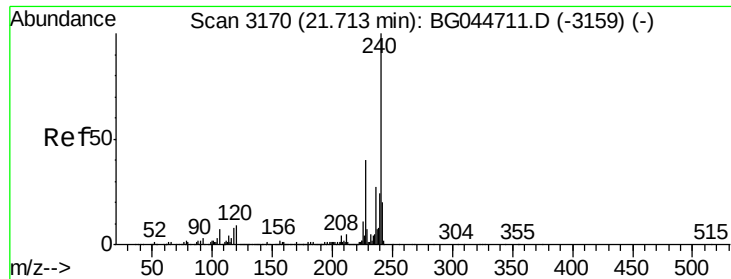
Delta R.T. -0.01 min

Lab File: BG044768.D

Acq: 13 Mar 2020 15:37

Tgt Ion:	202	Resp:	428618
Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	31.3
203	18.7	0.4	40.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044768.D

Acq: 13 Mar 2020 15:37

Instrument :

BNA_G

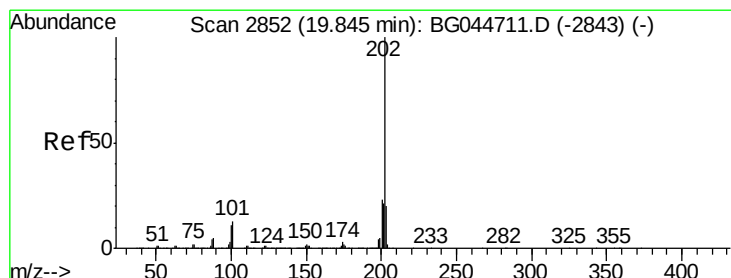
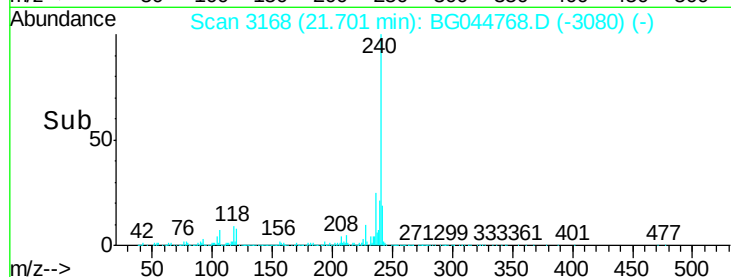
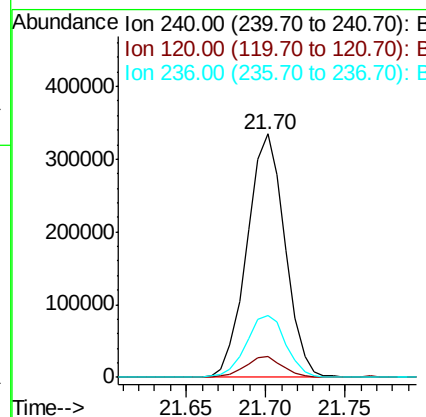
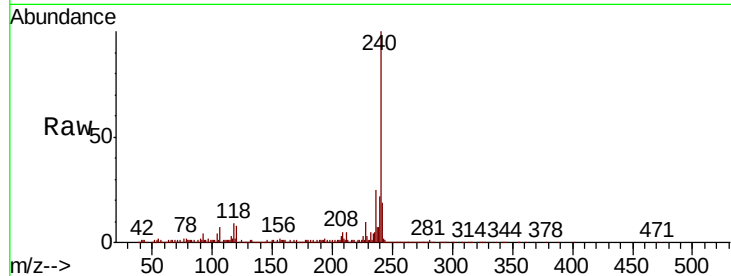
ClientSampled :

CL-TP

Tot Ion:	240	Resp:	554436
Ion Ratio	Lower	Upper	
240	100		
120	8.3	6.9	10.3
236	25.4	21.9	32.9

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#78

Pyrene

Concen: 10.860 ng

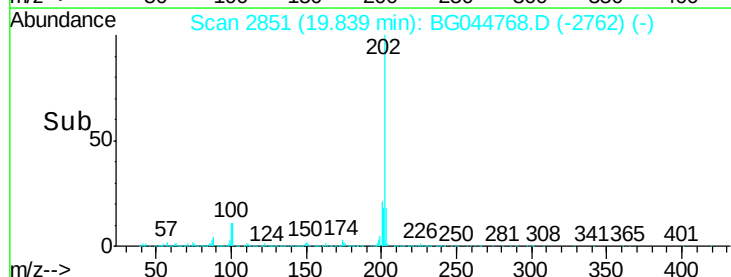
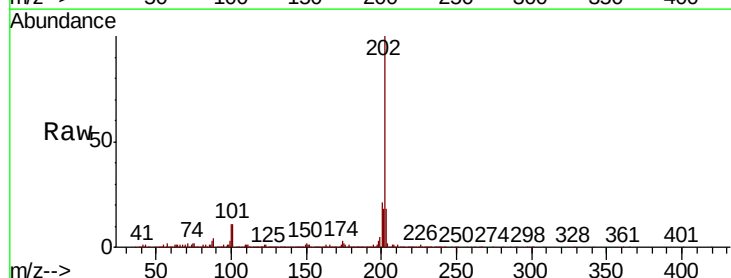
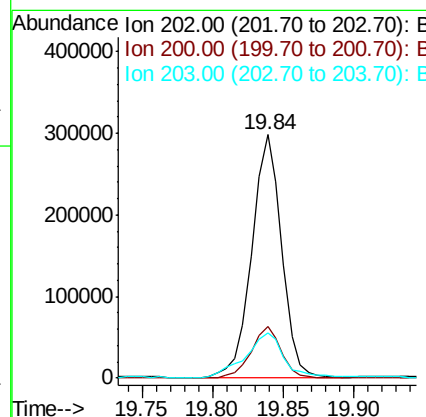
RT: 19.84 min Scan# 2851

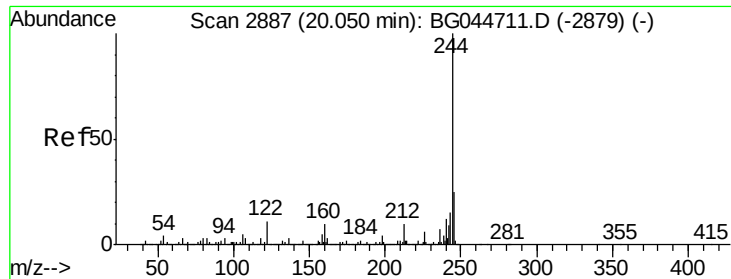
Delta R.T. -0.01 min

Lab File: BG044768.D

Acq: 13 Mar 2020 15:37

Tgt Ion:	202	Resp:	441765
Ion Ratio	Lower	Upper	
202	100		
200	21.3	18.7	28.1
203	18.3	16.0	24.0





#79

Terphenyl-d14

Concen: 65.889 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044768.D

Acq: 13 Mar 2020 15:37

Instrument :

BNA_G

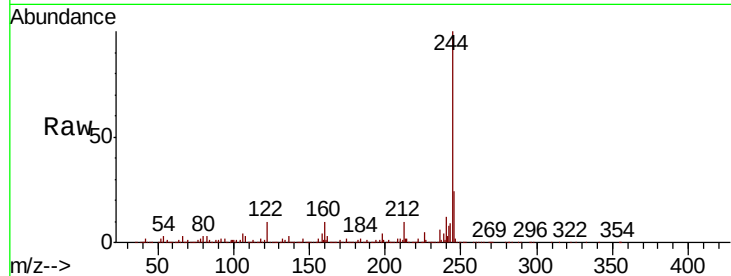
ClientSampled :

CL-TP

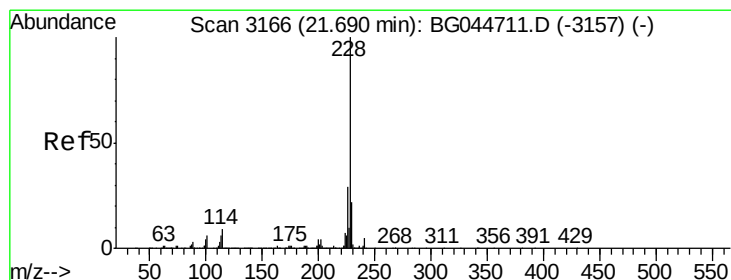
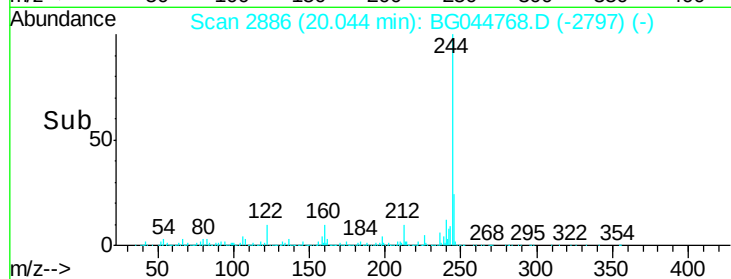
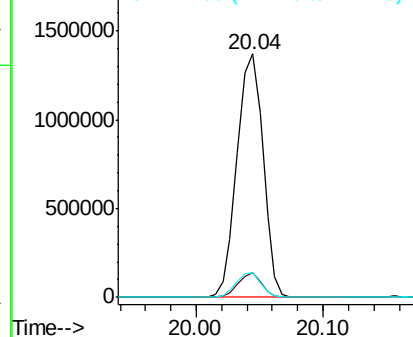
Tot Ion:	244	Resp:	1952963
Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.4	12.6
122	9.9	8.7	13.1

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.585 ng

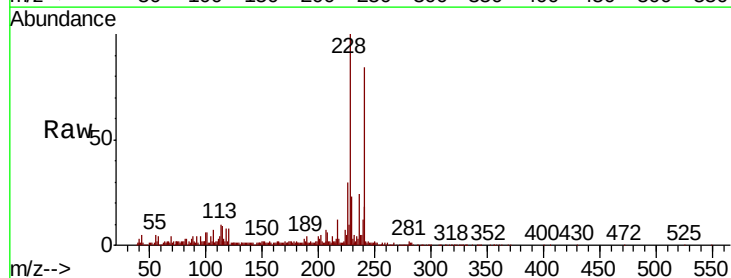
RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

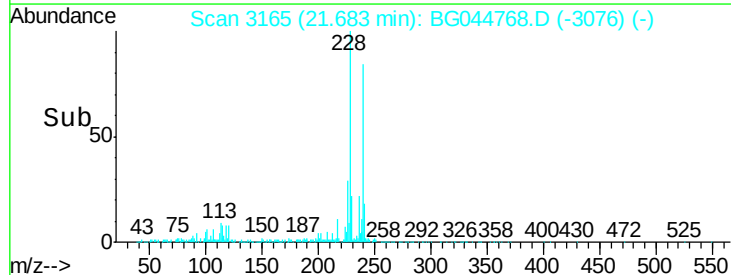
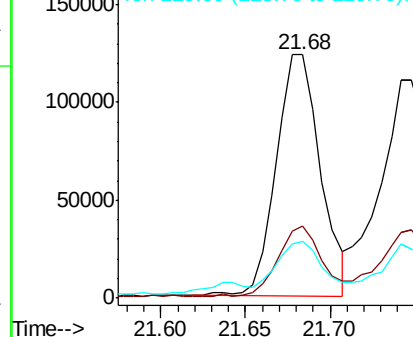
Lab File: BG044768.D

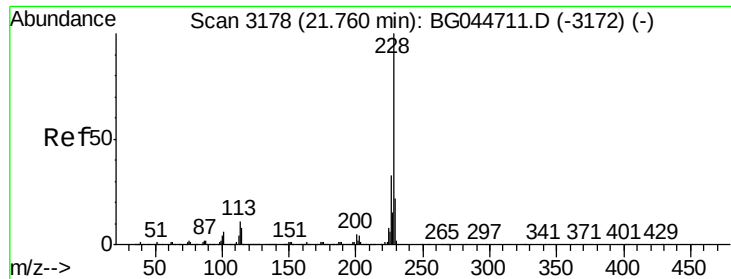
Acq: 13 Mar 2020 15:37

Tgt Ion:	228	Resp:	222966
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	23.3	17.2	25.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





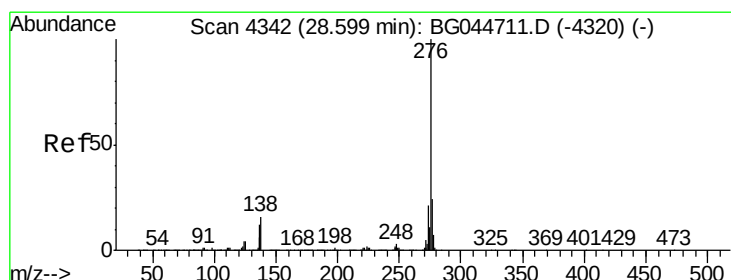
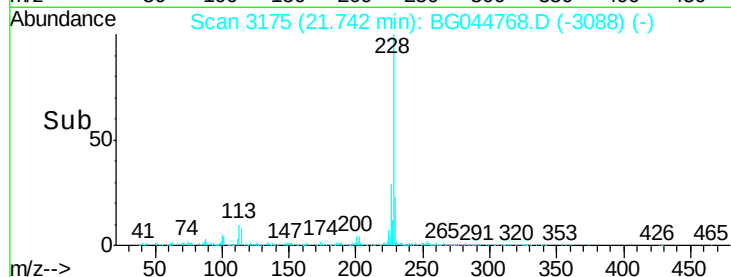
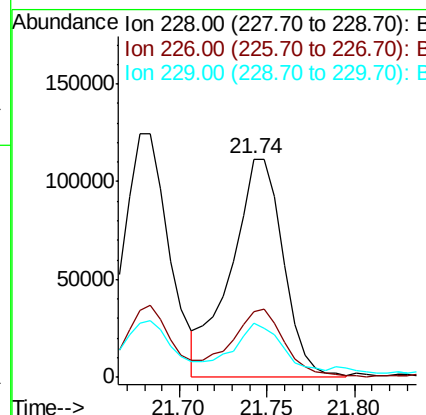
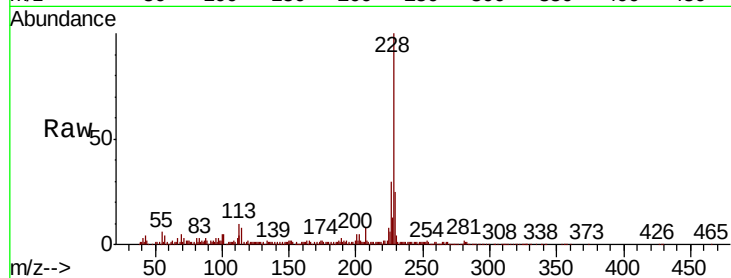
#83
Chrysene
Concen: 6.120 ng/ml
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG044768.D
Acq: 13 Mar 2020 15:37

Instrument :
BNA_G
ClientSampleId :
CL-TP

Tot Ion:	228	Resp:	233410
Ion Ratio	Lower	Upper	
228	100		
226	29.8	26.1	39.1
229	24.6	17.4	26.0

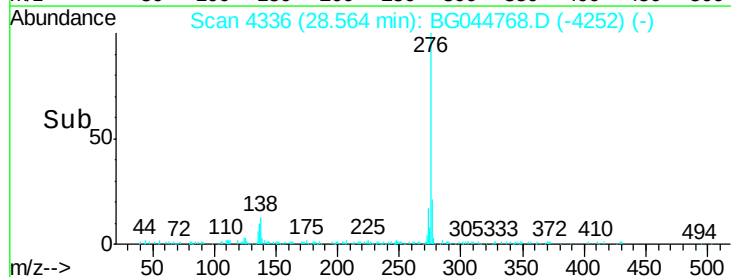
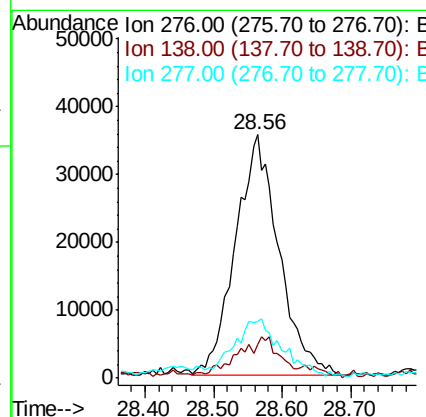
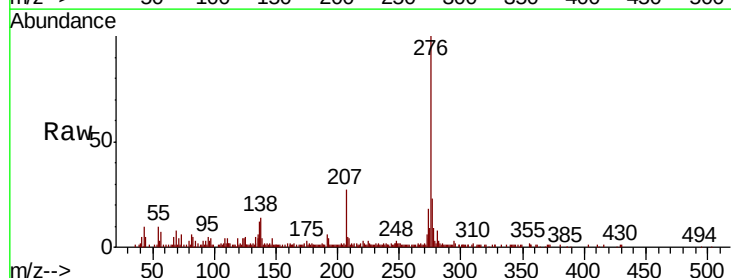
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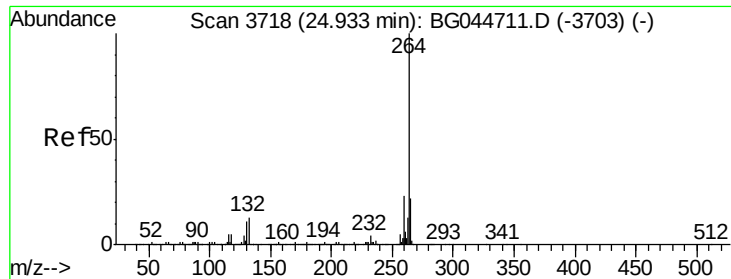
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.120 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.04 min
Lab File: BG044768.D
Acq: 13 Mar 2020 15:37

Tgt Ion:	276	Resp:	155983
Ion Ratio	Lower	Upper	
276	100		
138	9.7	10.9	16.3#
277	25.8	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG044768.D

Acq: 13 Mar 2020 15:37

Instrument :

BNA_G

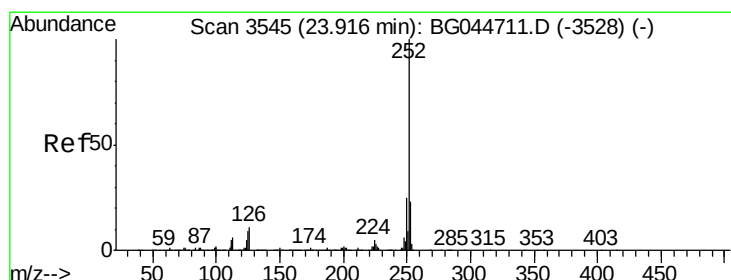
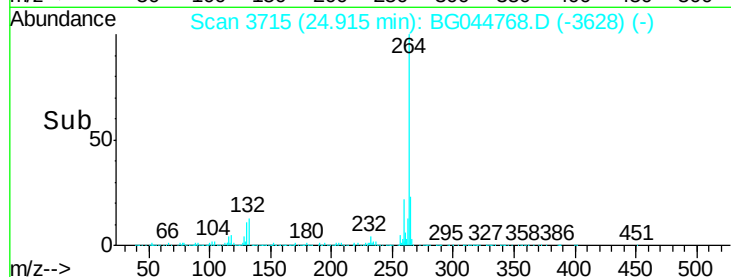
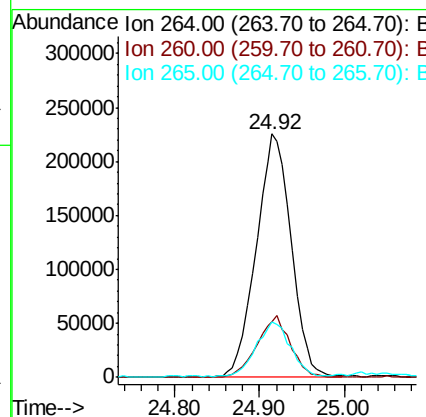
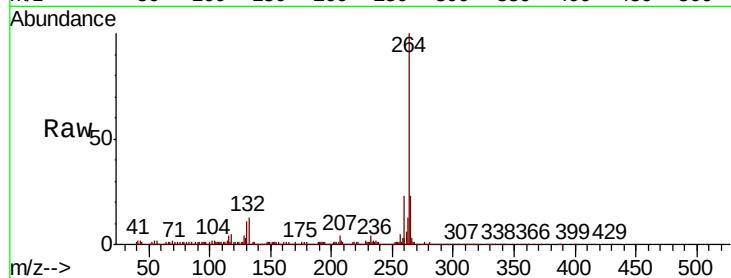
ClientSampleId :

CL-TP

Tot Ion:	264	Resp:	645092
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.4	27.6
265	23.0	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 6.849 ng

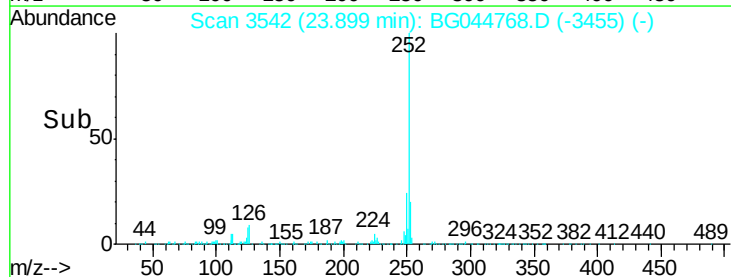
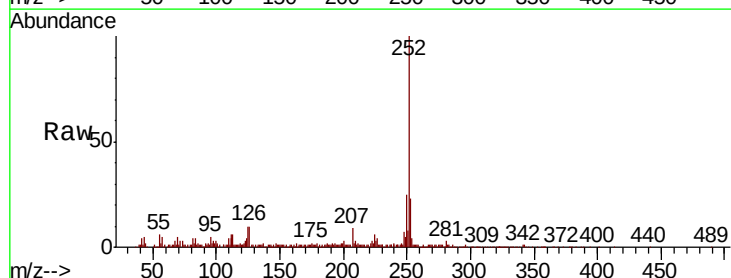
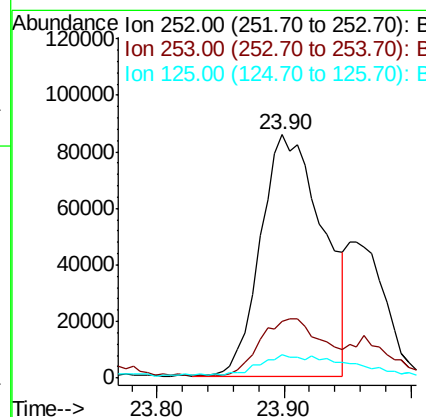
RT: 23.90 min Scan# 3542

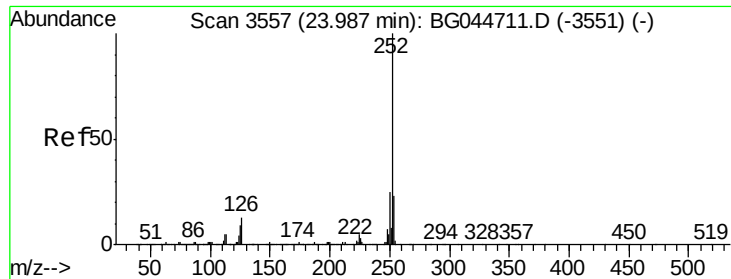
Delta R.T. -0.02 min

Lab File: BG044768.D

Acq: 13 Mar 2020 15:37

Tgt Ion:	252	Resp:	291698
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.7	28.1
125	9.6	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 2.492 ng/mL

RT: 23.96 min Scan# 3552

Delta R.T. -0.03 min

Lab File: BG044768.D

Acq: 13 Mar 2020 15:37

Instrument :

BNA_G

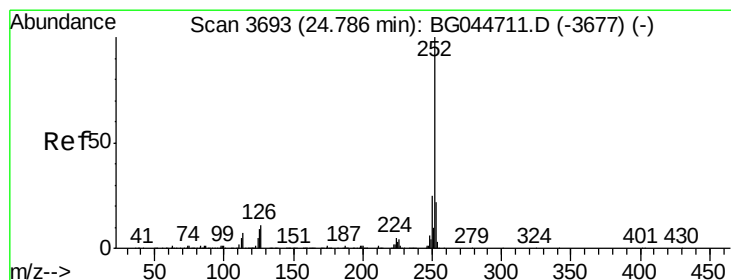
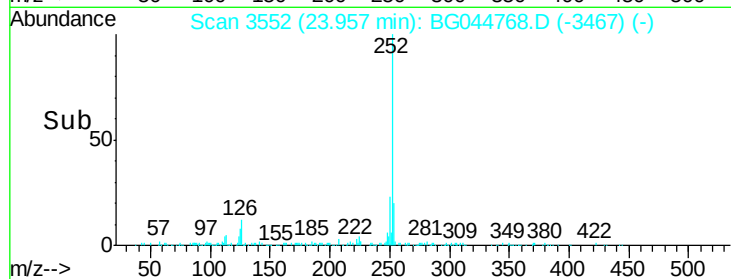
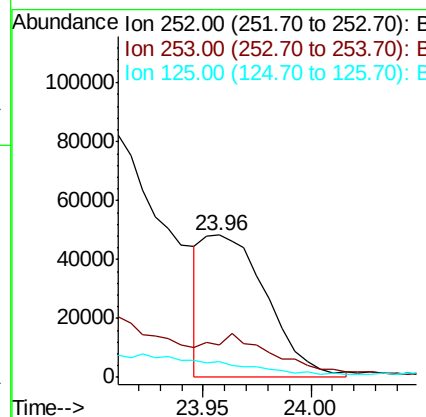
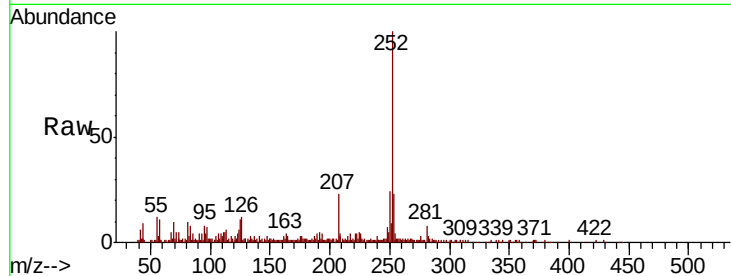
ClientSampleId :

CL-TP

Tot Ion:	252	Resp:	100427
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.4	27.6
125	10.8	7.0	10.4

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#90

Benzo(a)pyrene

Concen: 5.850 ng/mL

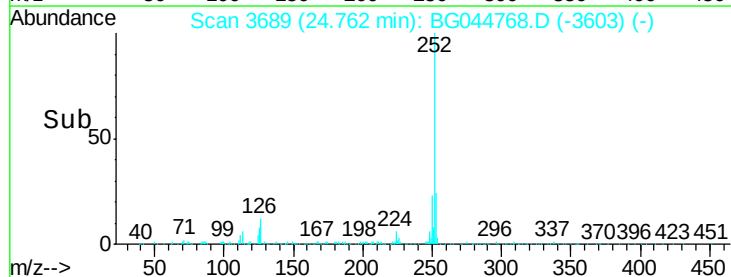
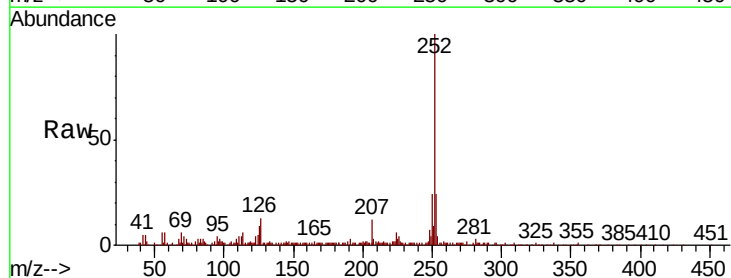
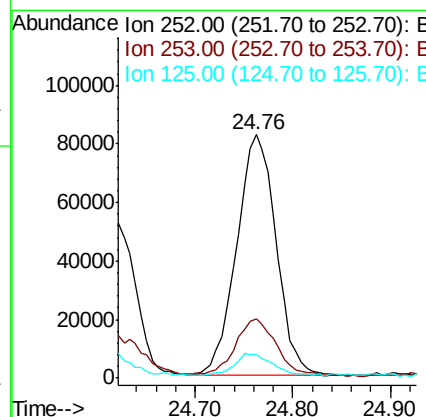
RT: 24.76 min Scan# 3689

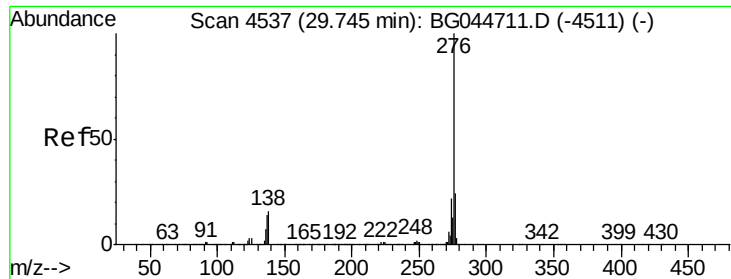
Delta R.T. -0.02 min

Lab File: BG044768.D

Acq: 13 Mar 2020 15:37

Tgt Ion:	252	Resp:	233137
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.7	26.5
125	9.4	7.0	10.6





#92
 Benzo(a,h,i)perylene
 Concen: 3.639 ng
 RT: 29.70 min Scan# 4529
 Delta R.T. -0.05 min
 Lab File: BG044768.D
 Acq: 13 Mar 2020 15:37

Instrument :
 BNA_G
 ClientSampleId :
 CL-TP

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.2	18.8	28.2
138	16.4	13.0	19.4

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