

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012820\
 Data File : BG044233.D
 Acq On : 28 Jan 2020 16:46
 Operator : CG/JU
 Sample : L1242-14RX
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200067-AMENDED-COMP-5RX

Manual Integrations
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mohammad
 1/30/2020 10:17:48 AM

Quant Time: Jan 28 17:26:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 28 15:57:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	90134	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	407719	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	285357	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	558570	20.00	ng	0.00
76) Chrysene-d12	21.56	240	481963	20.00	ng	0.00
87) Perylene-d12	24.67	264	558139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	11143	2.27	ng	0.00
7) Phenol-d6	7.10	99	139189	20.28	ng	0.00
23) Nitrobenzene-d5	9.08	82	462980	60.75	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	4635	1.55	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	896550	56.92	ng	0.00
79) Terphenyl-d14	19.92	244	1316184	60.53	ng	0.00
Target Compounds						
10) Phenol	7.13	94	24633	3.484	ng	95
50) Dimethylphthalate	14.01	163	222377	10.975	ng	100
71) Phenanthrene	17.35	178	85803	3.203	ng	96
75) Fluoranthene	19.36	202	177519	5.794	ng	98
78) Pyrene	19.72	202	195554	6.216	ng	96
81) Benzo(a)anthracene	21.54	228	138603	4.638	ng	98
83) Chrysene	21.60	228	142925m	5.033	ng	
84) Bis(2-ethylhexyl)phthalate	21.46	149	49084	2.375	ng	96
88) Benzo(b)fluoranthene	23.68	252	139277	4.221	ng	96
90) Benzo(a)pyrene	24.51	252	119157	3.826	ng	# 96

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

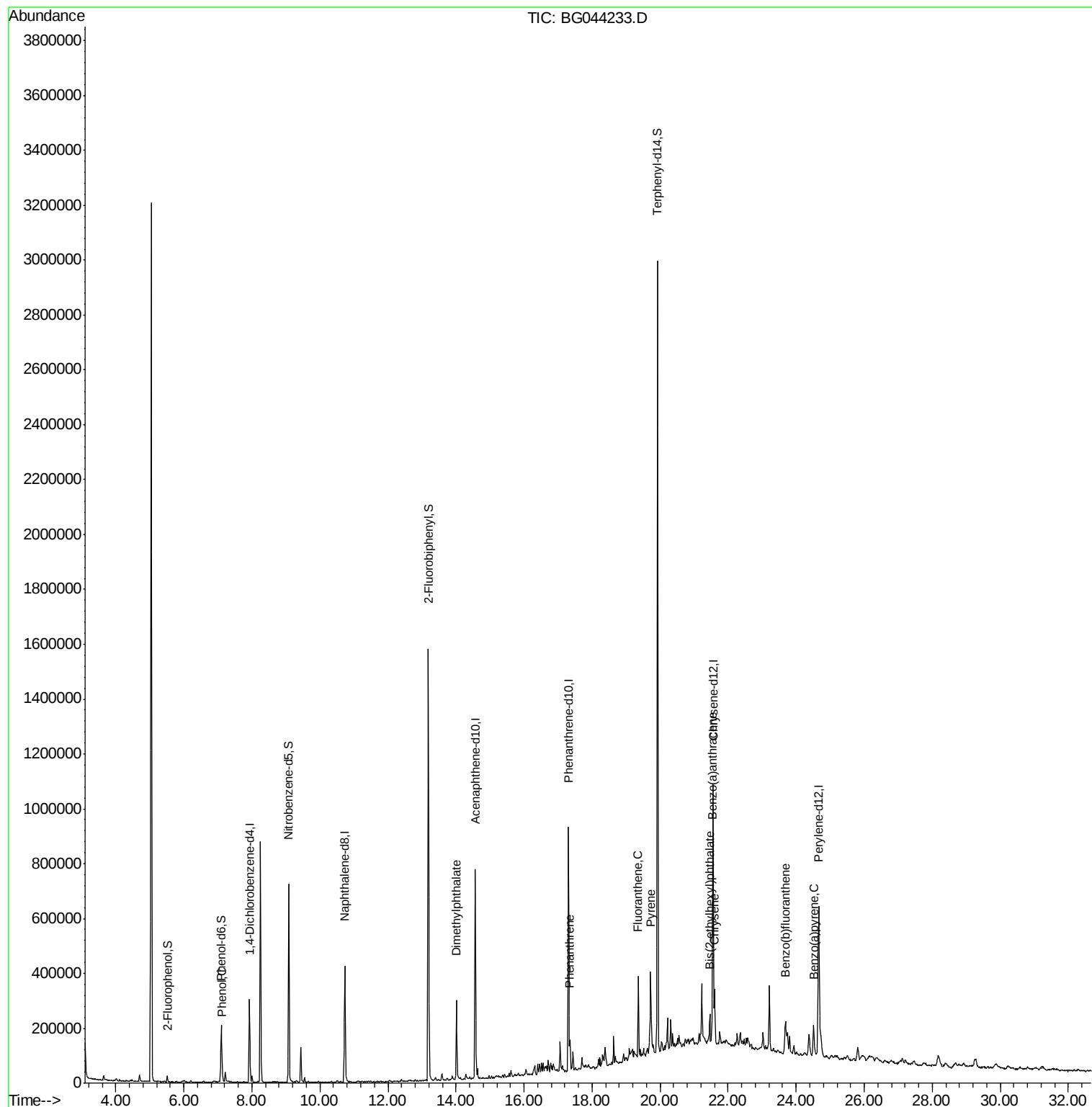
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012820\
Data File : BG044233.D
Acq On : 28 Jan 2020 16:46
Operator : CG/JU
Sample : L1242-14RX
Misc :
ALS Vial : 6 Sample Multiplier: 1

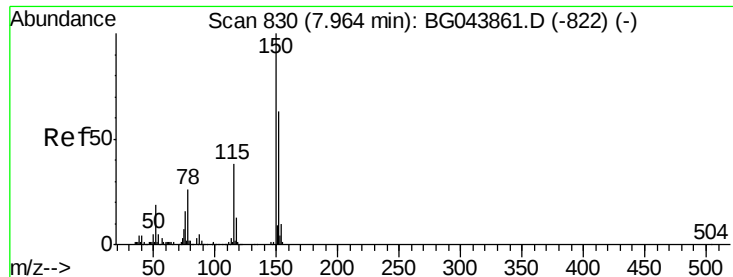
Instrument :
BNA_G
ClientSampleId :
20200067-AMENDED-COMP-5RX

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Quant Time: Jan 28 17:26:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 28 15:57:24 2020
Response via : Initial Calibration





#1

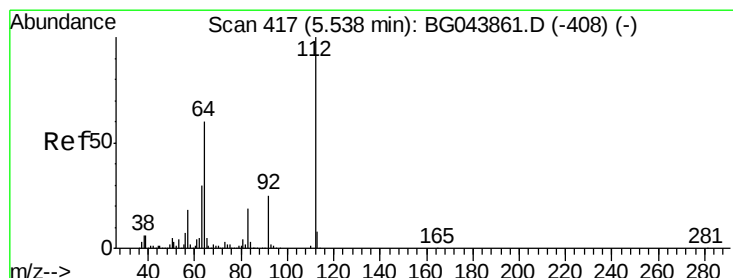
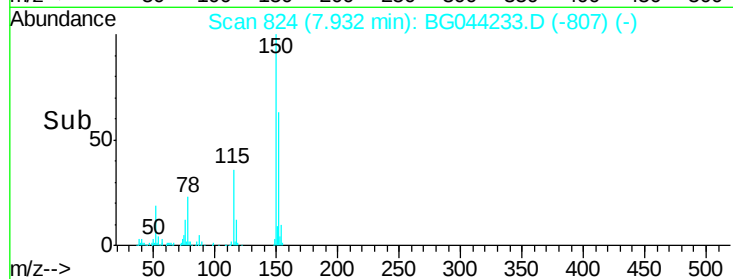
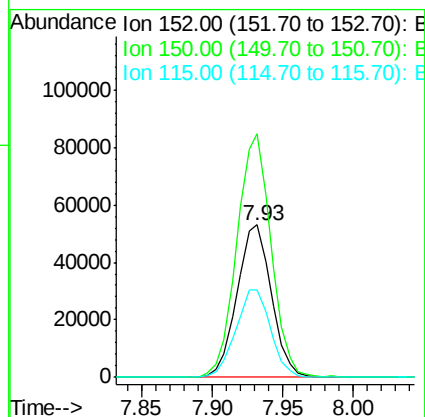
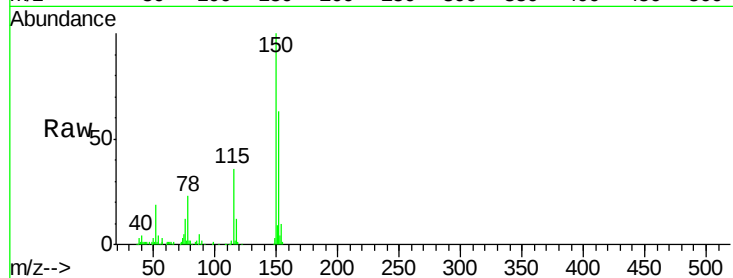
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG044233.D
Acq: 28 Jan 2020 16:46

Instrument :
BNA_G
ClientSampleId :
20200067-AMENDED-COMP-5RX

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	127.9	191.9
115	57.6	47.8	71.8

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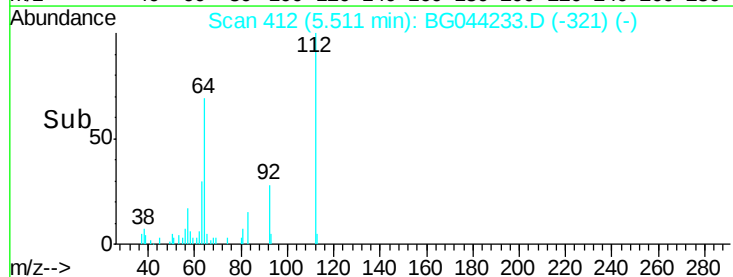
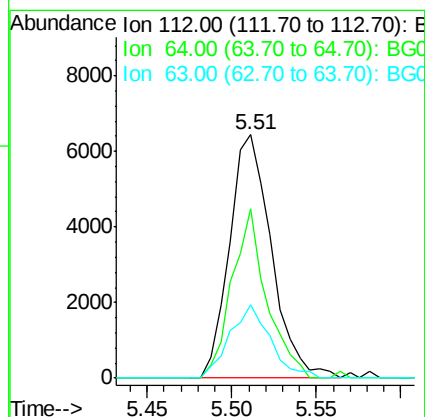
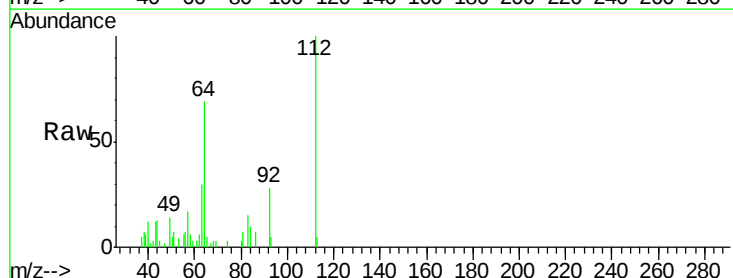
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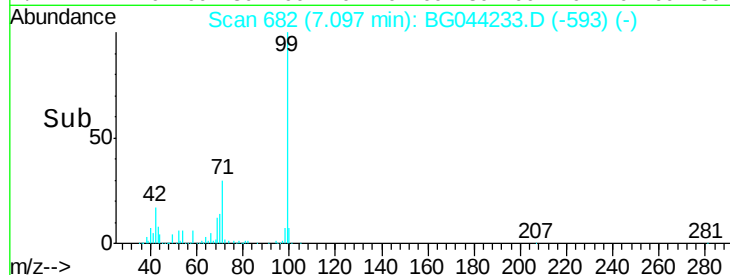
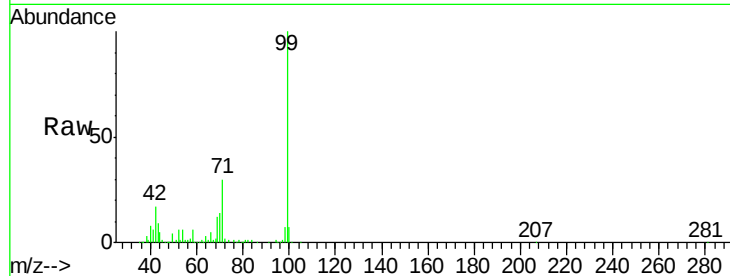
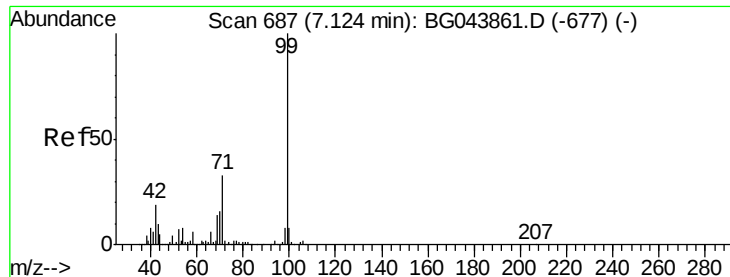


#5

2-Fluorophenol
Concen: 2.270 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG044233.D
Acq: 28 Jan 2020 16:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	45.5	68.3#
63	30.3	23.6	35.4





#7

Phenol-d6

Concen: 20.285 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044233.D

Acq: 28 Jan 2020 16:46

Tot Ion:	99	Resp:	139189
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.6	20.4
71	29.8	25.0	37.6

Instrument :

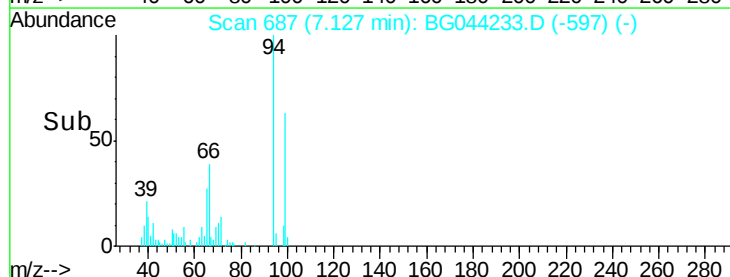
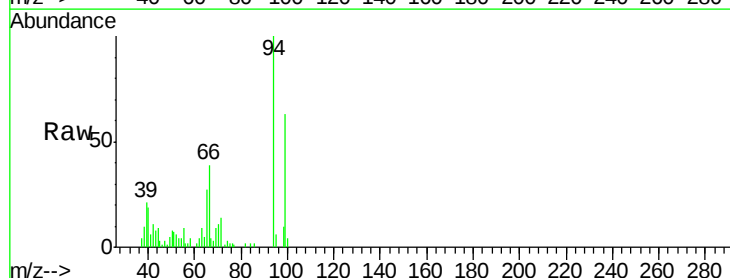
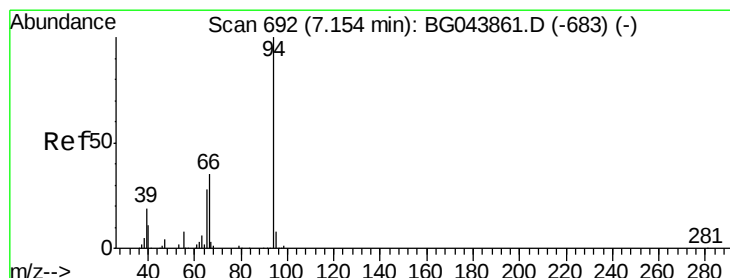
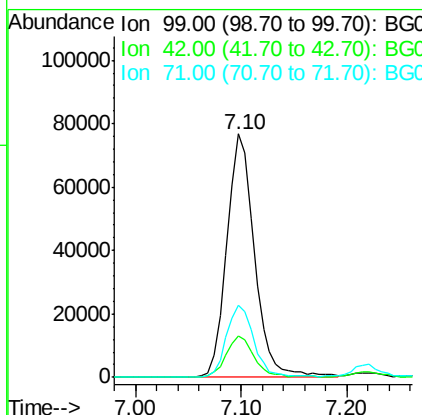
BNA_G

ClientSampleId :

20200067-AMENDED-COMP-5RX

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#10

Phenol

Concen: 3.484 ng

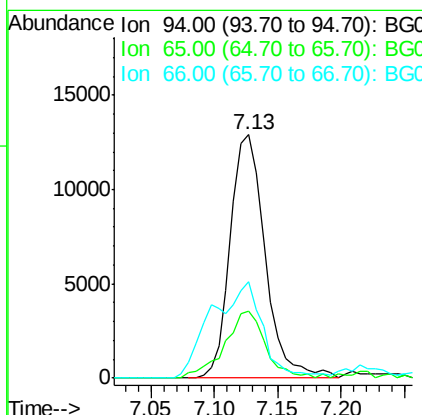
RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG044233.D

Acq: 28 Jan 2020 16:46

Tgt Ion:	94	Resp:	24633
Ion Ratio	Lower	Upper	
94	100		
65	27.3	7.5	47.5
66	39.4	14.0	54.0





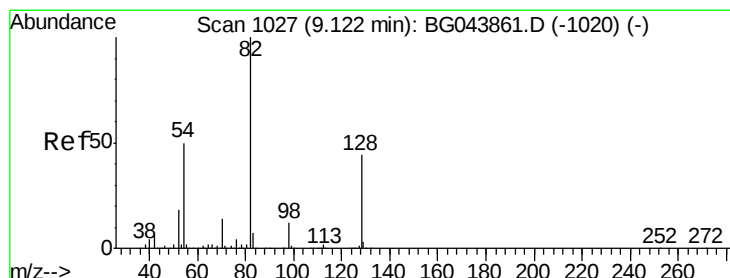
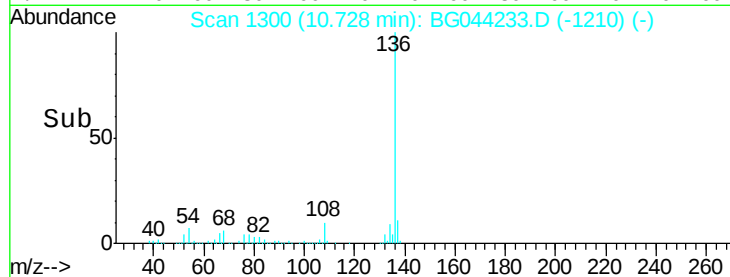
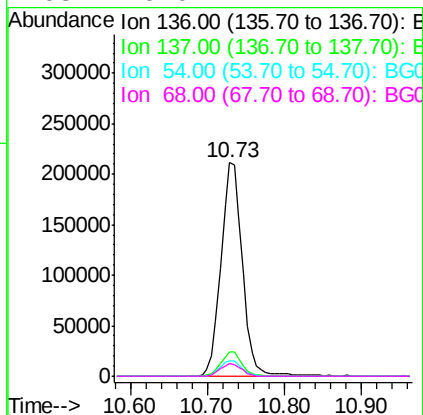
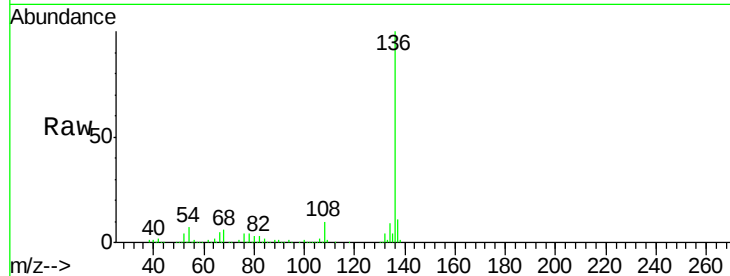
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG044233.D
Acq: 28 Jan 2020 16:46

Instrument :
BNA_G
ClientSampleId :
20200067-AMENDED-COMP-5RX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		407719		
137	11.1	9.0	13.4		
54	7.3	6.2	9.4		
68	6.0	4.7	7.1		

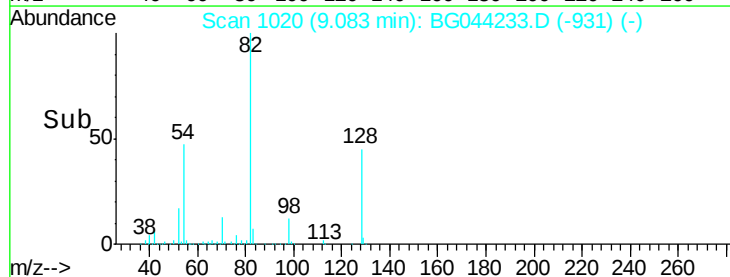
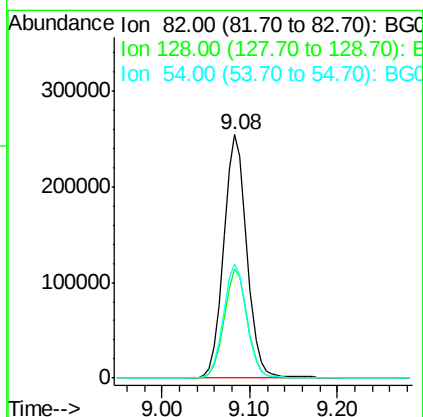
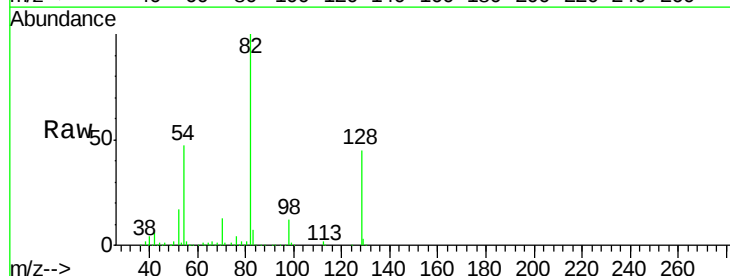
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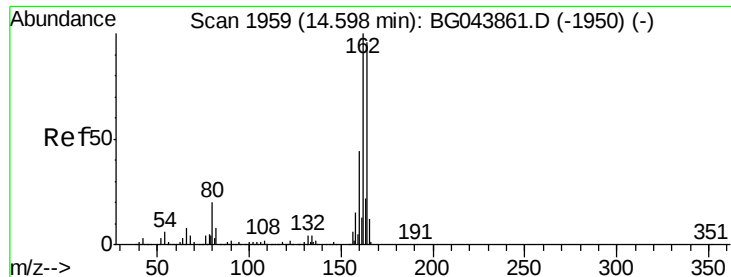
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#23
Nitrobenzene-d5
Concen: 60.747 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG044233.D
Acq: 28 Jan 2020 16:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		462980		
128	44.7	37.5	56.3		
54	47.0	38.4	57.6		





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG044233.D

Acq: 28 Jan 2020 16:46

Instrument :

BNA_G

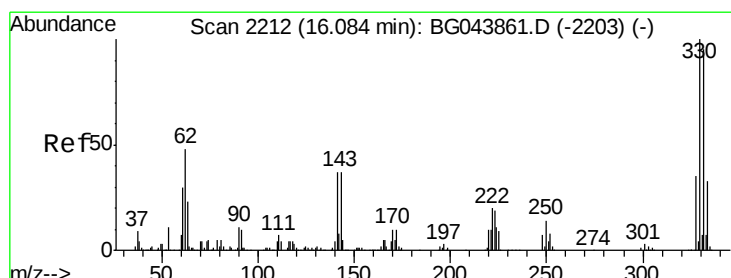
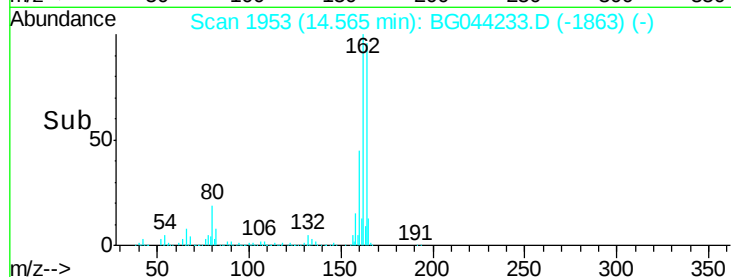
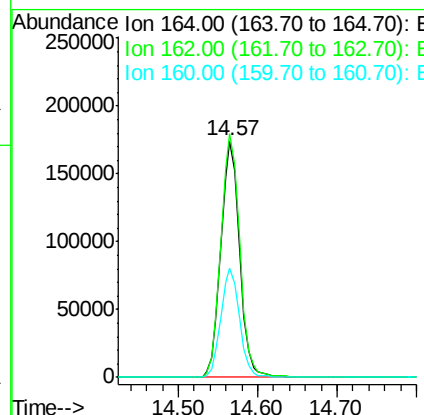
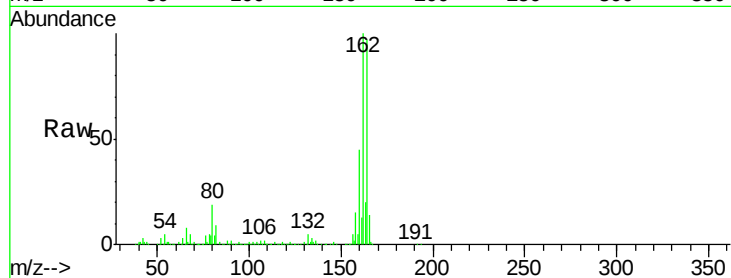
ClientSampleId :

20200067-AMENDED-COMP-5RX

Tot Ion:	164	Resp:	285357
Ion Ratio	Lower	Upper	
164	100		
162	103.0	80.1	120.1
160	46.2	35.5	53.3

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#42

2,4,6-Tribromophenol

Concen: 1.552 ng

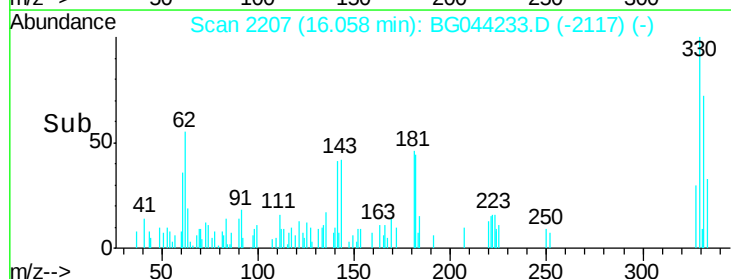
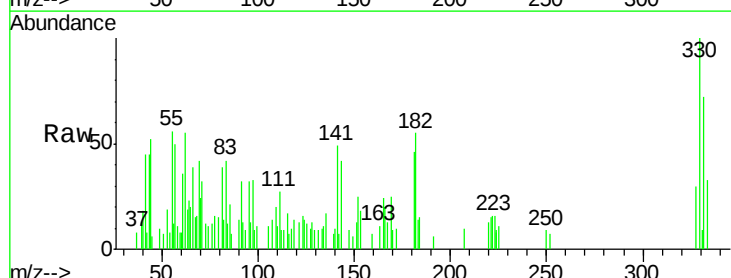
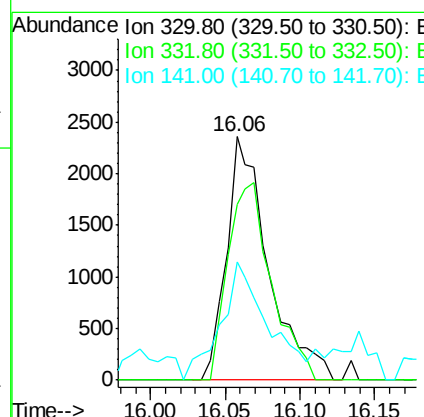
RT: 16.06 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG044233.D

Acq: 28 Jan 2020 16:46

Tgt Ion:	330	Resp:	4635
Ion Ratio	Lower	Upper	
330	100		
332	84.2	77.0	115.4
141	54.3	28.8	43.2#





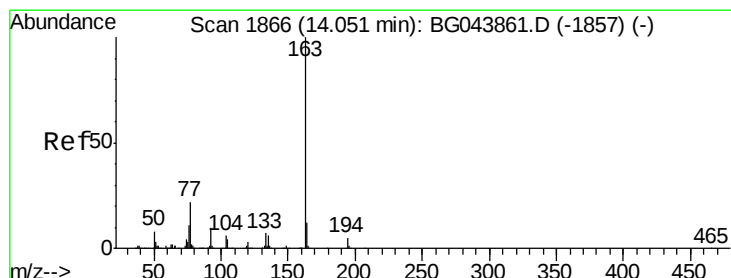
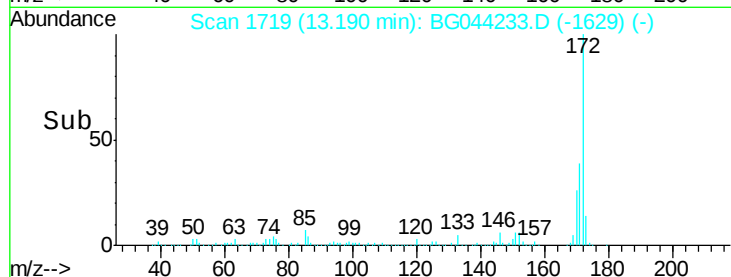
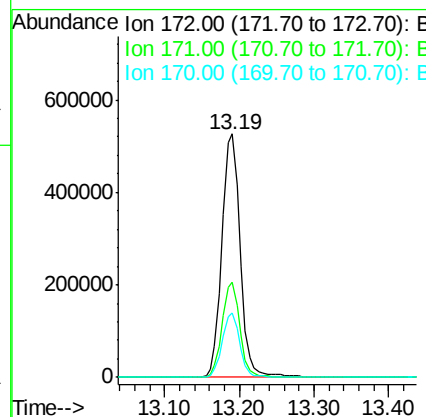
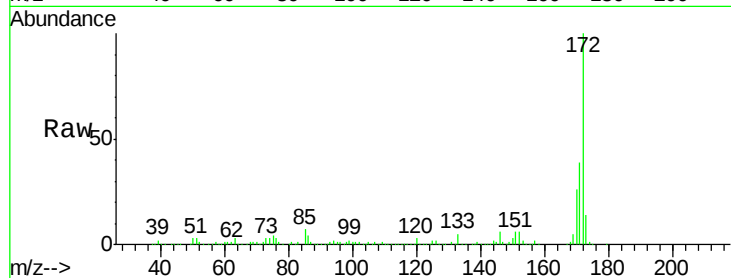
#45
2-Fluorobiphenyl
Concen: 56.923 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG044233.D
Acq: 28 Jan 2020 16:46

Instrument :
BNA_G
ClientSampleId :
20200067-AMENDED-COMP-5RX

Tot Ion	Ratio	Resp	Lower	Upper
172	100	896550		
171	39.1		32.6	48.8
170	26.3		22.3	33.5

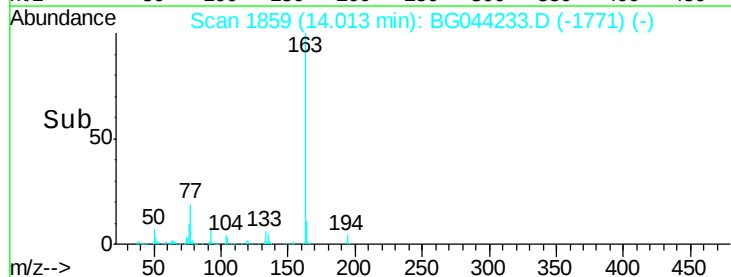
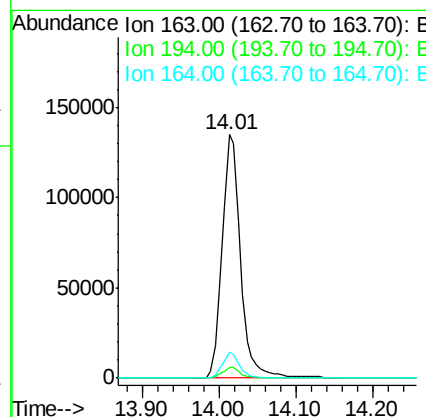
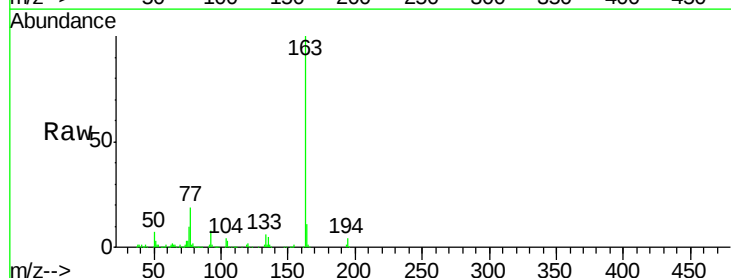
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#50
Dimethylphthalate
Concen: 10.975 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG044233.D
Acq: 28 Jan 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	222377		
194	4.4		3.4	5.2
164	10.6		8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG044233.D

Acq: 28 Jan 2020 16:46

Instrument :

BNA_G

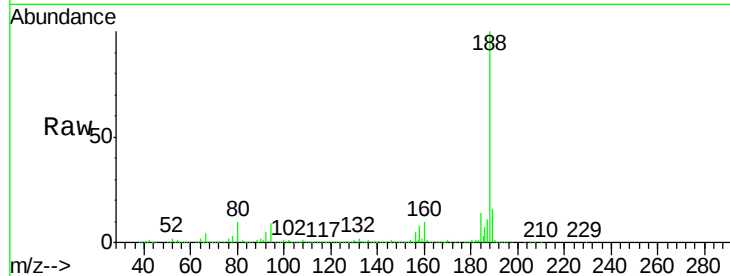
ClientSampleId :

20200067-AMENDED-COMP-5RX

Tot Ion:	188	Resp:	558570
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.4	11.2
80	10.3	8.1	12.1

Manual Integrations
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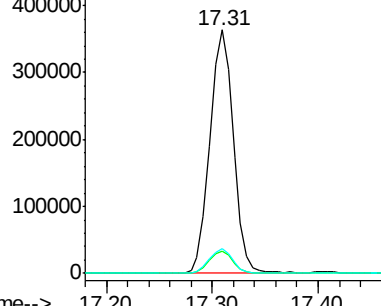
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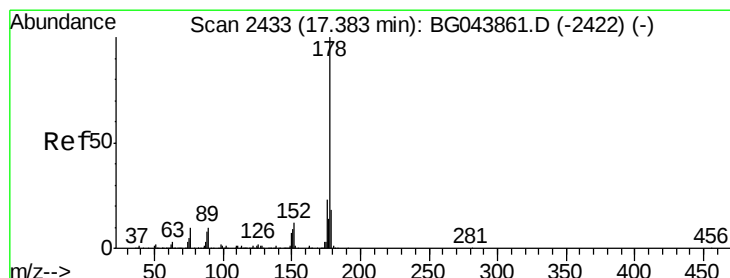
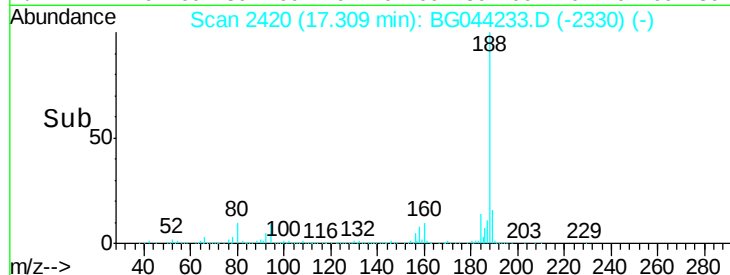
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



Time-->



#71

Phenanthrene

Concen: 3.203 ng

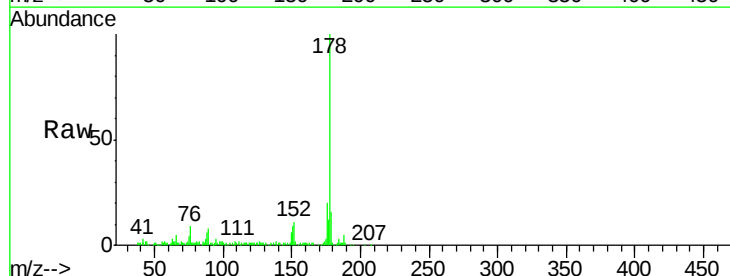
RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG044233.D

Acq: 28 Jan 2020 16:46

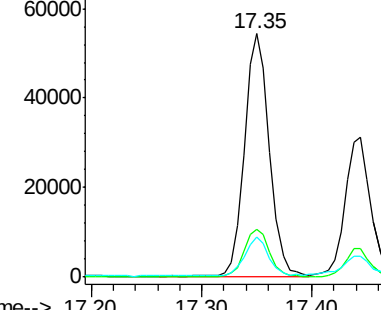
Tgt Ion:	178	Resp:	85803
Ion Ratio	Lower	Upper	
178	100		
176	19.5	17.9	26.9
179	16.4	13.8	20.6



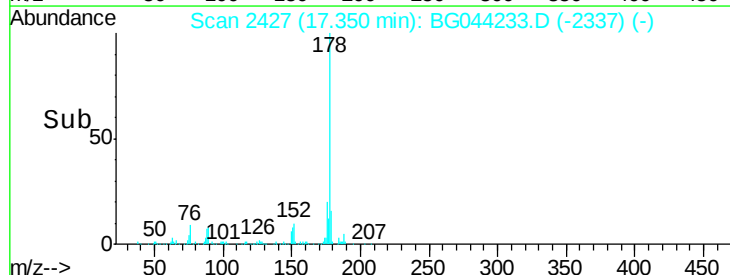
Abundance Ion 178.00 (177.70 to 178.70): E

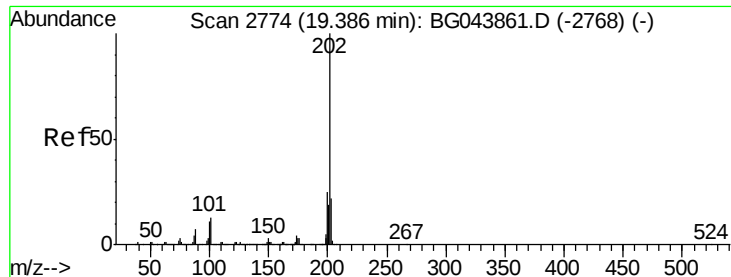
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#75

Fluoranthene

Concen: 5.794 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG044233.D

Acq: 28 Jan 2020 16:46

Instrument :

BNA_G

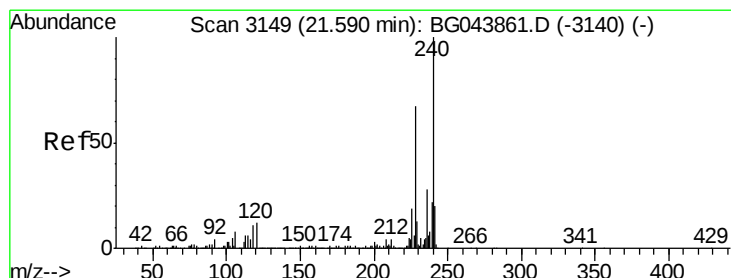
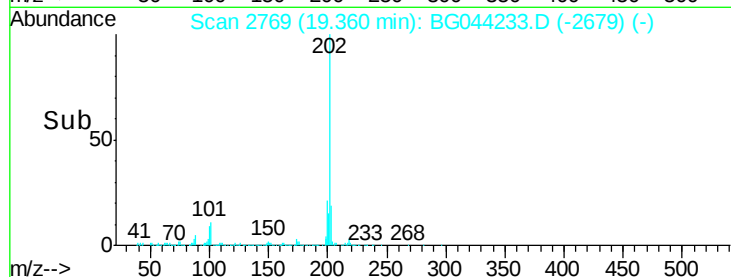
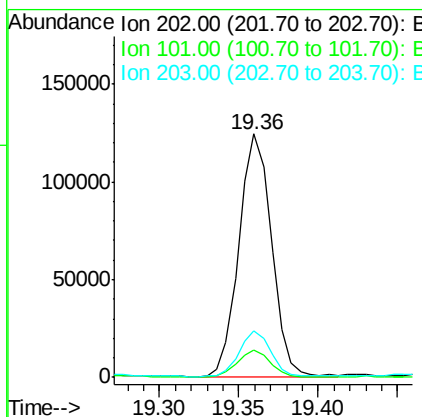
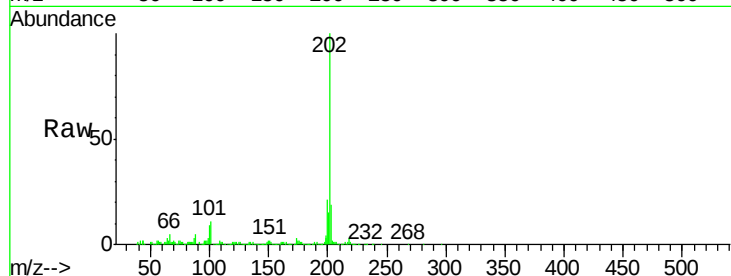
ClientSampleId :

20200067-AMENDED-COMP-5RX

Tot Ion	Ratio	Resp	Lower	Upper
202	100	177519		
101	11.2	0.0	31.9	
203	18.9	0.2	40.2	

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#76

Chrysene-d12

Concen: 20.000 ng

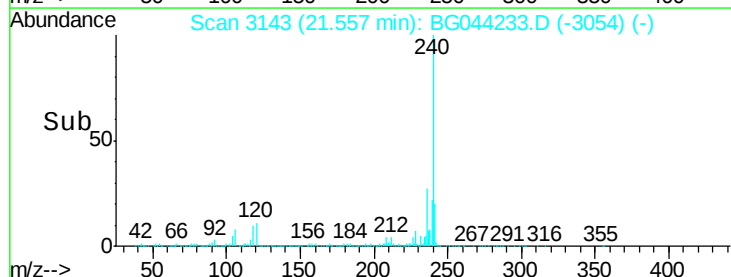
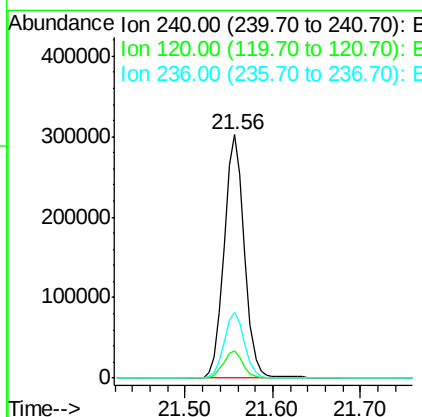
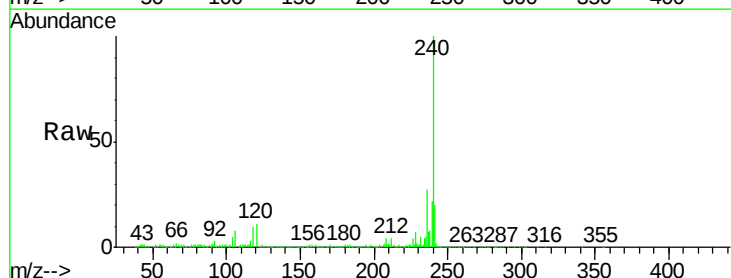
RT: 21.56 min Scan# 3143

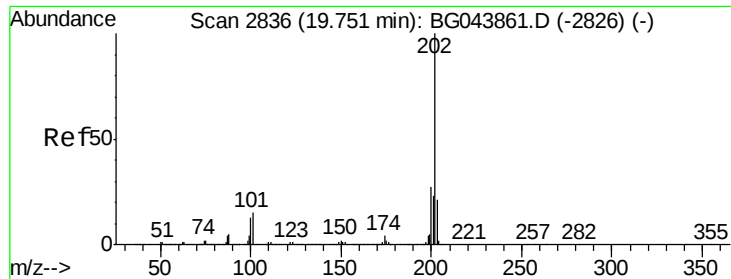
Delta R.T. -0.01 min

Lab File: BG044233.D

Acq: 28 Jan 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	481963		
120	11.0	8.1	12.1	
236	27.1	22.5	33.7	





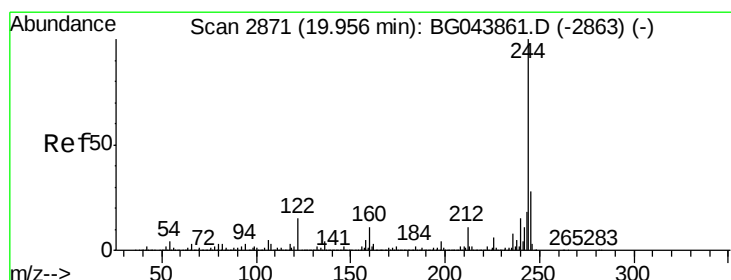
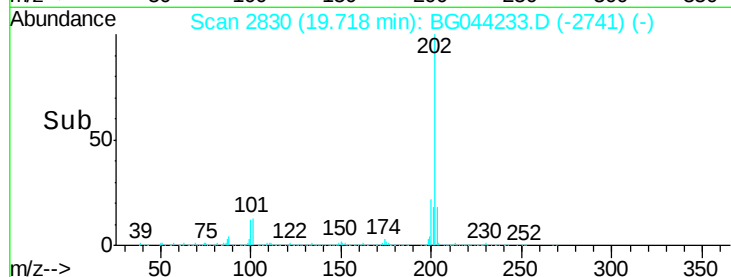
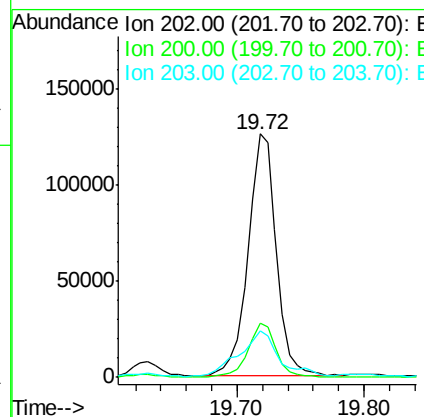
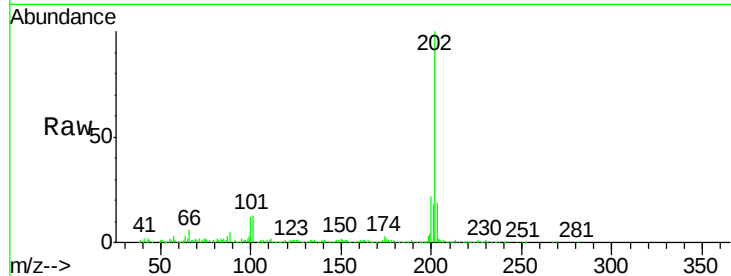
#78
Pvrene
Concen: 6.216 ng
RT: 19.72 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BG044233.D
Acq: 28 Jan 2020 16:46

Instrument :
BNA_G
ClientSampleId :
20200067-AMENDED-COMP-5RX

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	19.9	29.9
203	18.9	16.3	24.5

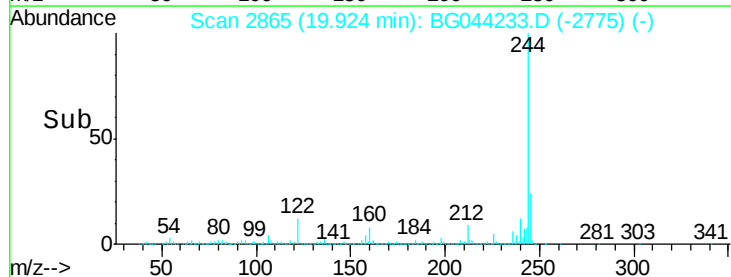
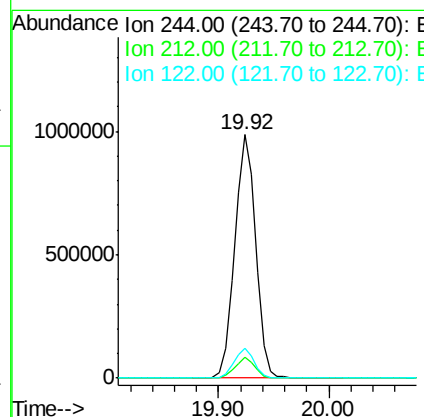
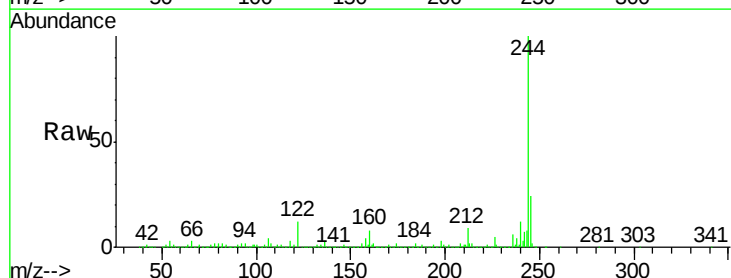
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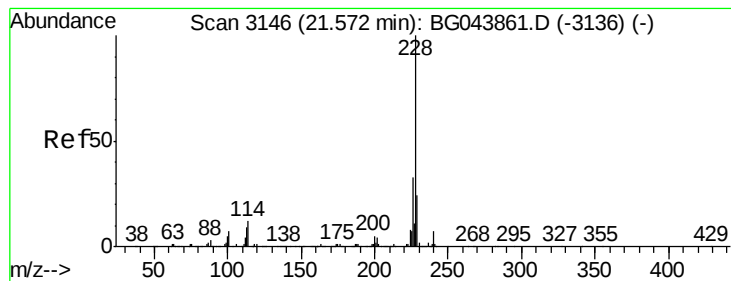
mohammad
1/30/2020 10:17:48 AM



#79
Terphenyl-d14
Concen: 60.533 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BG044233.D
Acq: 28 Jan 2020 16:46

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.5	7.5	11.3
122	12.0	10.6	15.8





#81

Benzo(a)anthracene

Concen: 4.638 ng

RT: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG044233.D

Acq: 28 Jan 2020 16:46

Instrument :

BNA_G

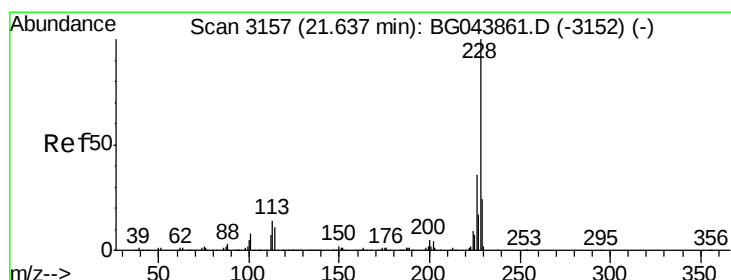
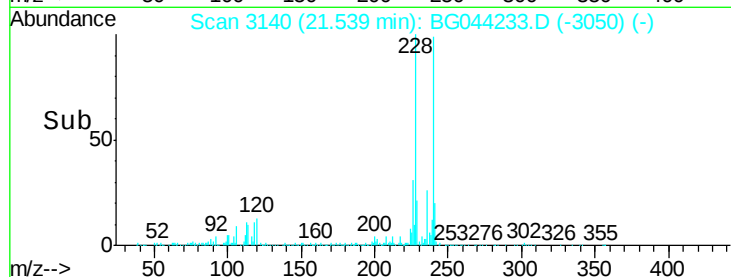
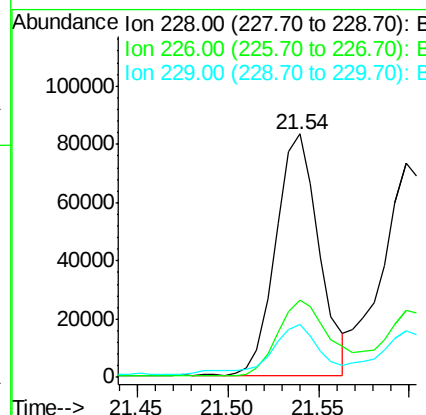
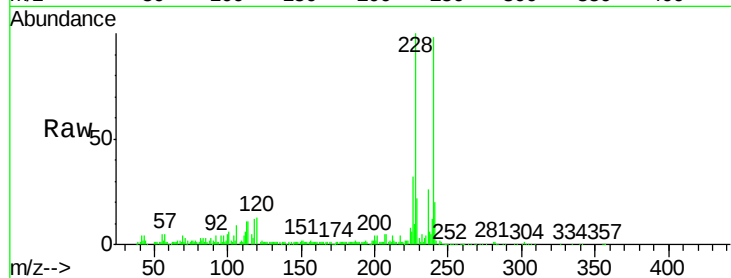
ClientSampleId :

20200067-AMENDED-COMP-5RX

Tot Ion:	228	Resp:	138603
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.7	37.1
229	21.7	18.3	27.5

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#83

Chrysene

Concen: 5.033 ng m

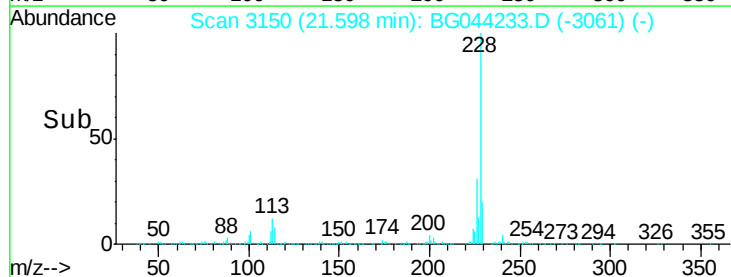
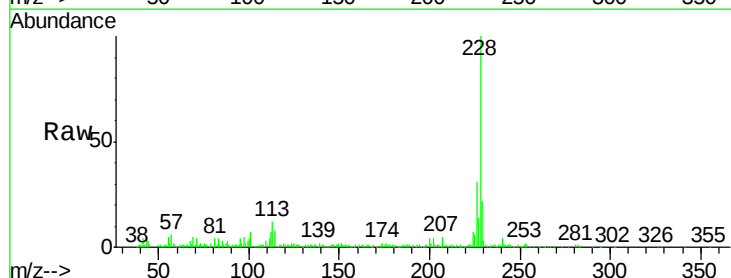
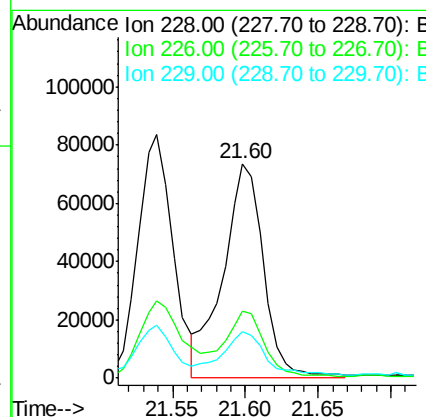
RT: 21.60 min Scan# 3150

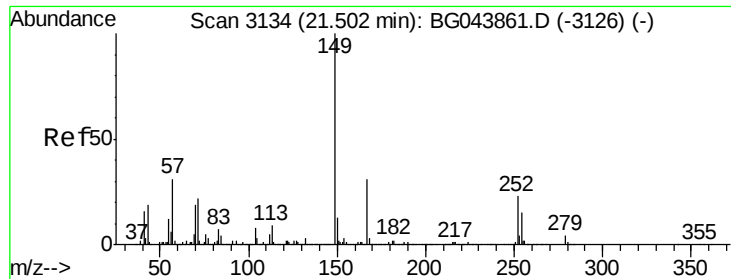
Delta R.T. -0.01 min

Lab File: BG044233.D

Acq: 28 Jan 2020 16:46

Tgt Ion:	228	Resp:	142925
Ion Ratio	Lower	Upper	
228	100		
226	31.4	27.6	41.4
229	21.5	17.8	26.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.375 ng

RT: 21.46 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG044233.D

Acq: 28 Jan 2020 16:46

Instrument :

BNA_G

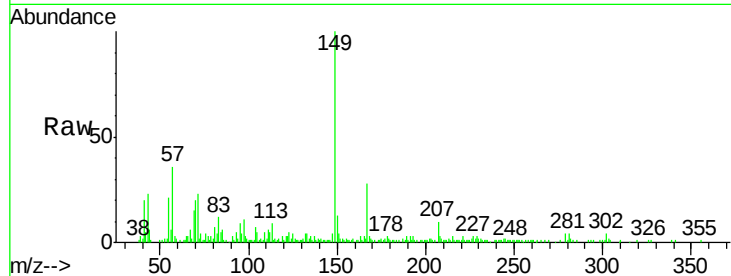
ClientSampleId :

20200067-AMENDED-COMP-5RX

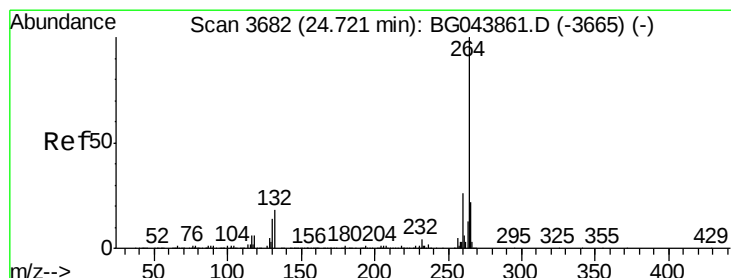
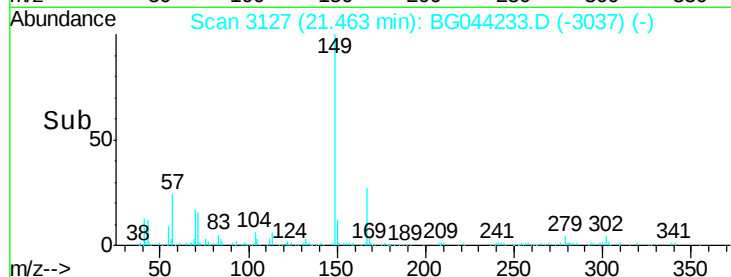
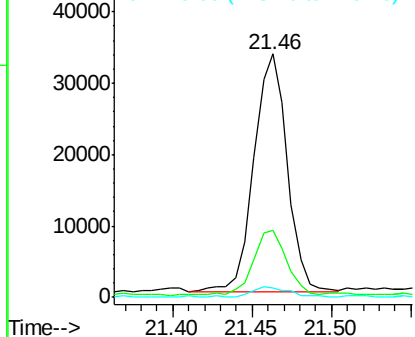
Tot Ion:	149	Resp:	49084
Ion Ratio	Lower	Upper	
149	100		
167	27.7	24.1	36.1
279	3.7	3.7	5.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

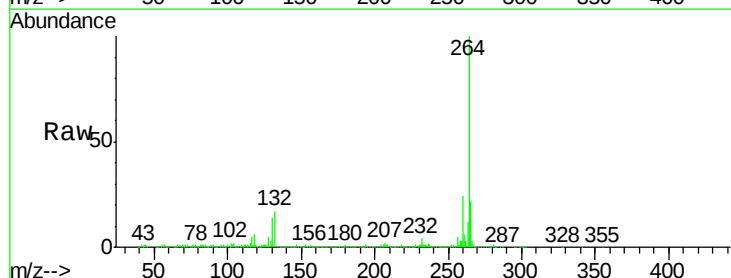
RT: 24.67 min Scan# 3672

Delta R.T. 0.00 min

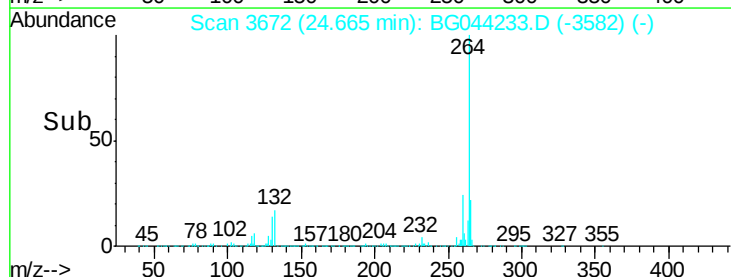
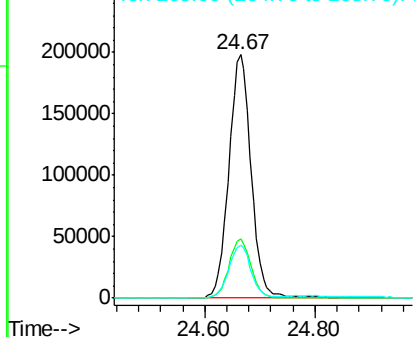
Lab File: BG044233.D

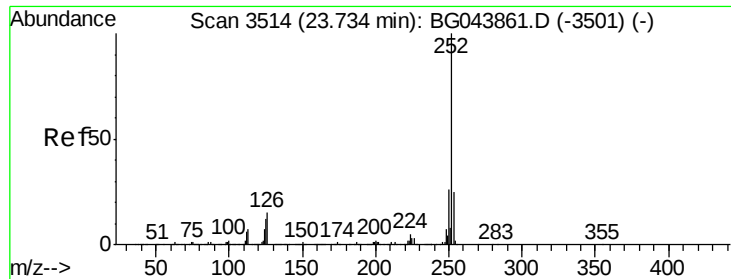
Acq: 28 Jan 2020 16:46

Tgt Ion:	264	Resp:	558139
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.3	28.9
265	21.7	17.4	26.2



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





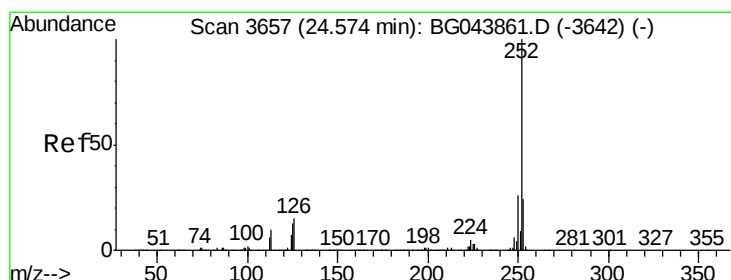
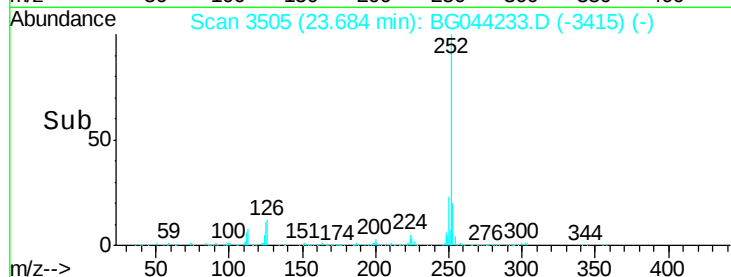
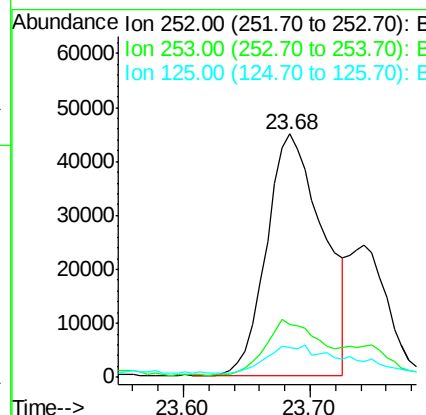
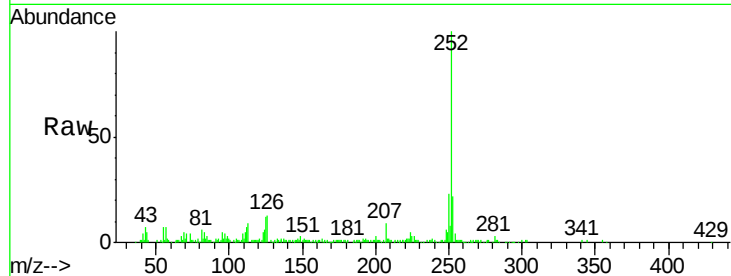
#88
Benzo(b)fluoranthene
Concen: 4.221 ng
RT: 23.68 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BG044233.D
Acq: 28 Jan 2020 16:46

Instrument :
BNA_G
ClientSampleId :
20200067-AMENDED-COMP-5RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.2	28.8
125	12.2	8.8	13.2

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#90
Benzo(a)pyrene
Concen: 3.826 ng
RT: 24.51 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG044233.D
Acq: 28 Jan 2020 16:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	13.5	8.9	13.3#

