

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046291.D
 Acq On : 15 Aug 2020 1:25
 Operator : CG/JU
 Sample : L3660-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7211979

Manual Integrations
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mohammad
 8/18/2020 1:41:51 PM

Quant Time: Aug 17 02:51:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	111695	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	466119	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	302444	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	632051	20.00	ng	0.00
76) Chrysene-d12	21.57	240	600678	20.00	ng	0.00
86) Perylene-d12	24.68	264	644697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	515537	80.24	ng	0.00
7) Phenol-d6	7.12	99	685697	78.30	ng	0.00
23) Nitrobenzene-d5	9.10	82	475969	55.29	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	365192	78.61	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1153508	55.40	ng	0.00
79) Terphenyl-d14	19.93	244	1371496	46.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	79573	3.428	ng	98
71) Phenanthrene	17.36	178	438489	12.665	ng	97
75) Fluoranthene	19.37	202	1177290	27.236	ng	99
78) Pyrene	19.73	202	1011022	25.050	ng	98
81) Benzo(a)anthracene	21.55	228	492411	12.250	ng	98
83) Chrysene	21.61	228	557660	14.162	ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	409411	8.327	ng	96
88) Benzo(b)fluoranthene	23.70	252	805595	18.647	ng	99
89) Benzo(k)fluoranthene	23.76	252	266030m	6.278	ng	
90) Benzo(a)pyrene	24.53	252	553970	13.780	ng	99
91) Dibenzo(a,h)anthracene	28.24	278	85543	2.081	ng	95
92) Benzo(a,h,i)perylene	29.29	276	396226	9.545	ng	98

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

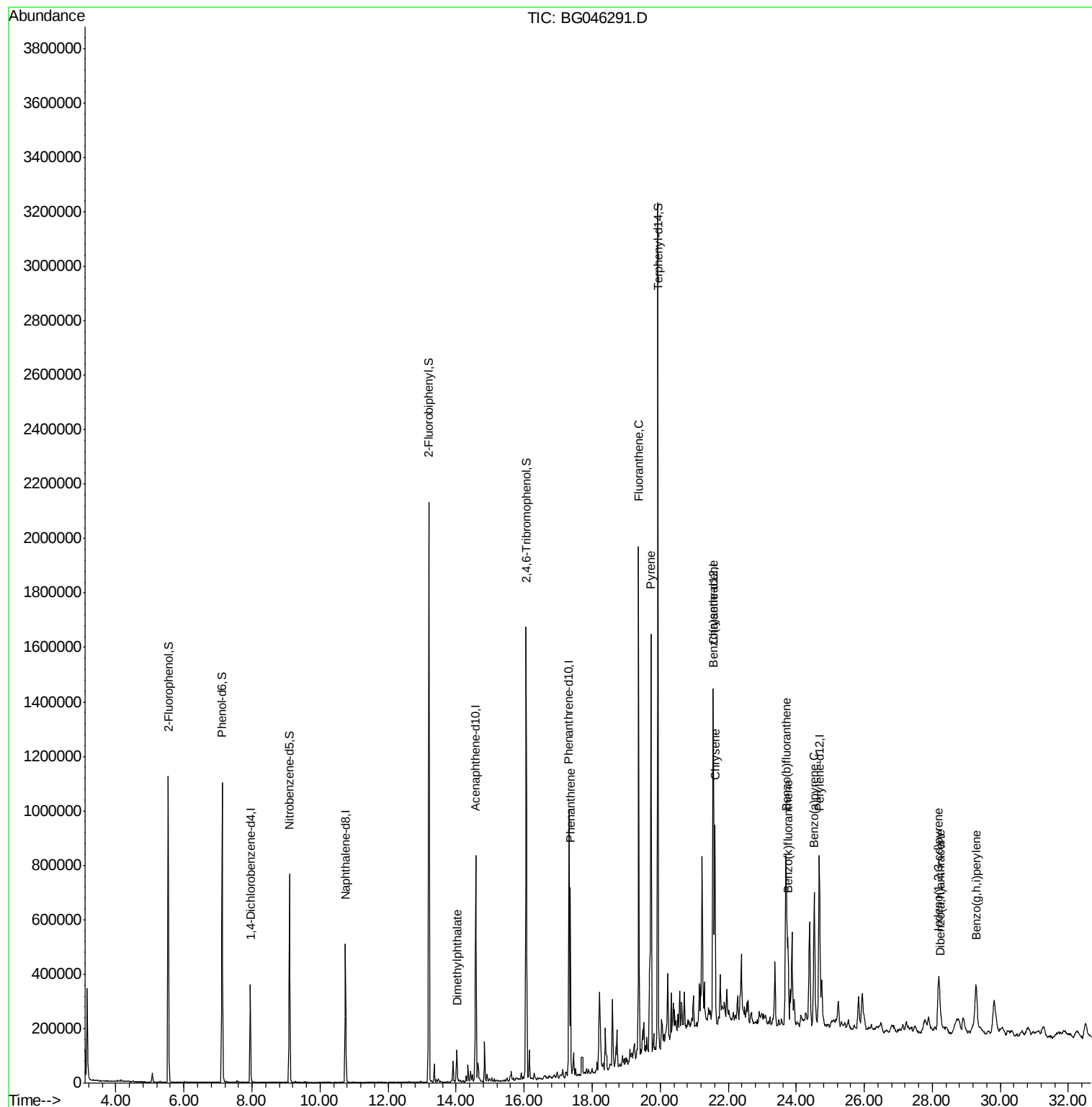
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046291.D
Acq On : 15 Aug 2020 1:25
Operator : CG/JU
Sample : L3660-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

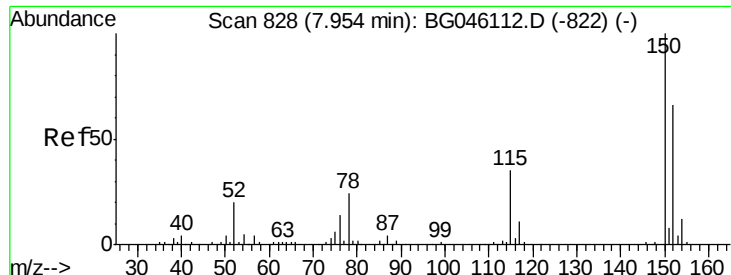
Instrument :
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Quant Time: Aug 17 02:51:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

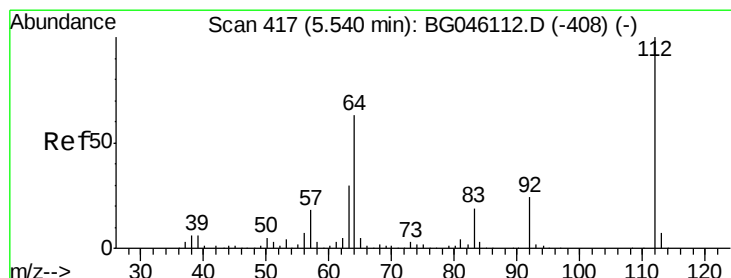
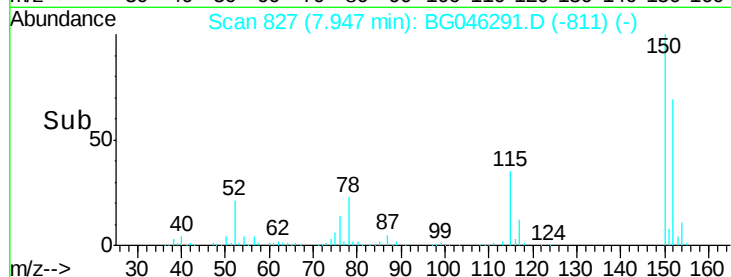
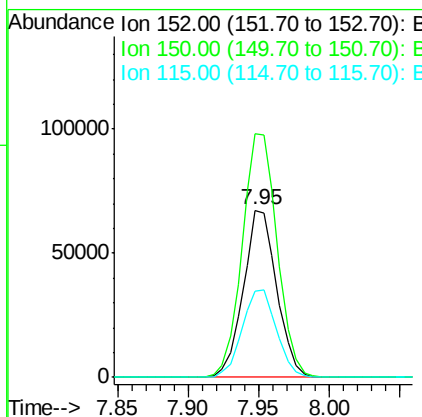
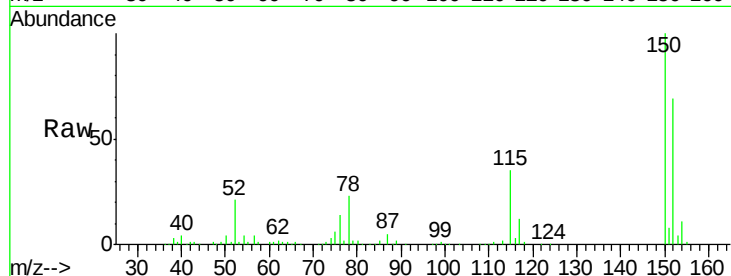
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Instrument :
BNA_G
ClientSampleId :
7211979

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	122.1	183.1
115	51.7	43.2	64.8

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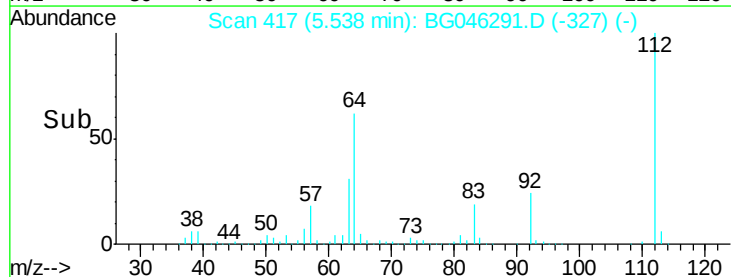
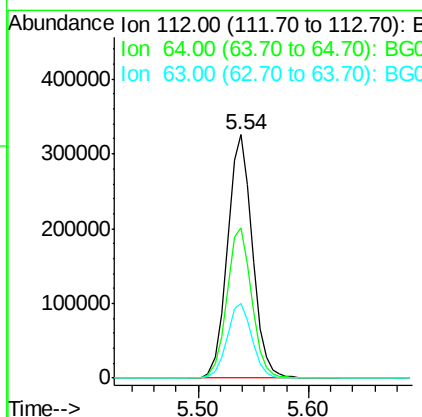
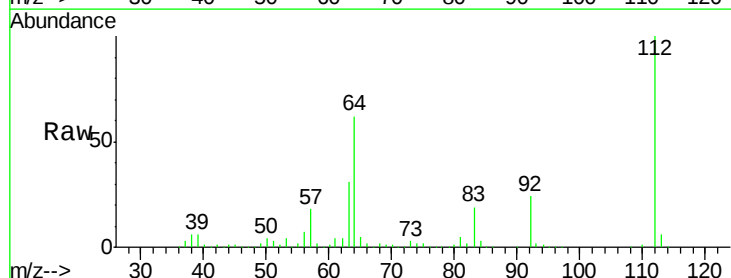
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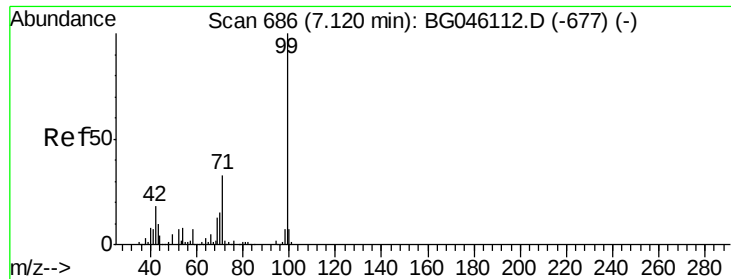


#5

2-Fluorophenol
Concen: 80.236 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	50.2	75.2
63	30.8	24.2	36.4





#7

Phenol-d6

Concen: 78.305 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046291.D

Acq: 15 Aug 2020 1:25

Instrument :

BNA_G

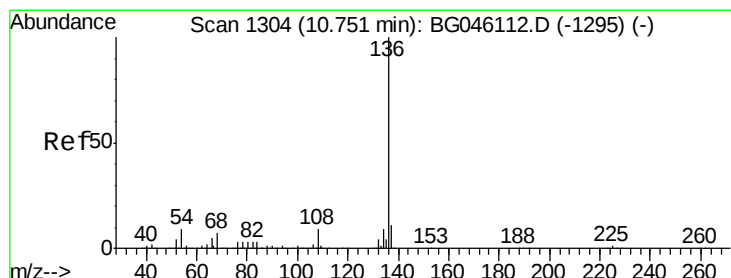
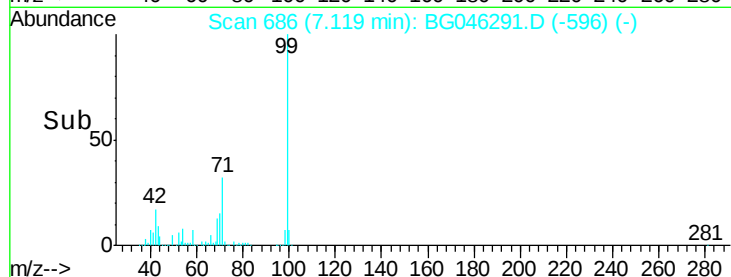
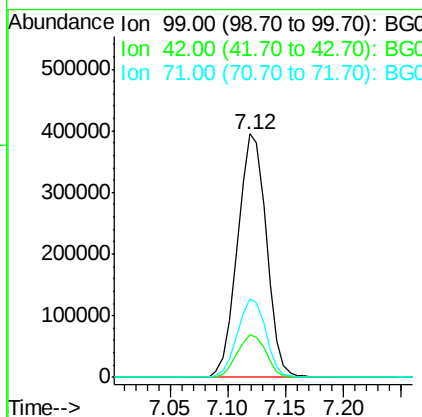
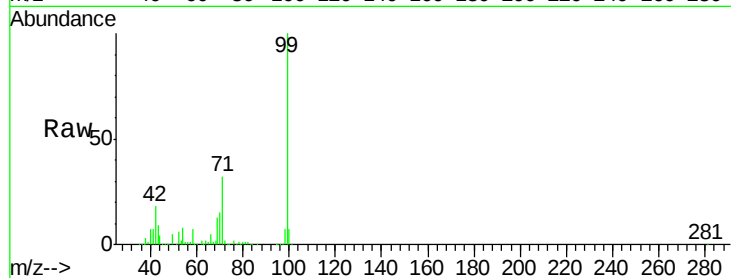
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		685697		
42	17.5	14.7	22.1		
71	32.4	26.5	39.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

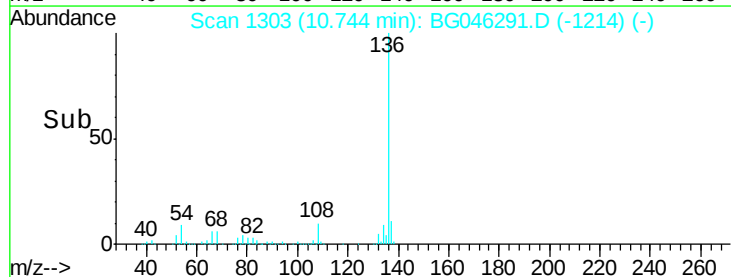
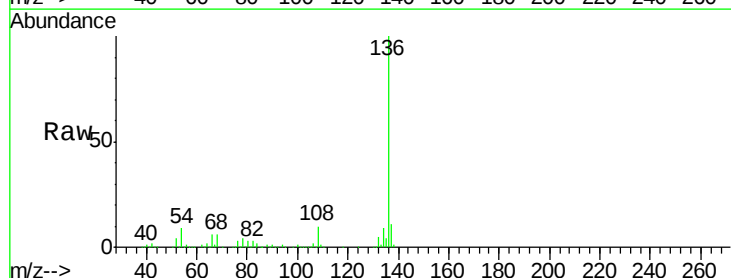
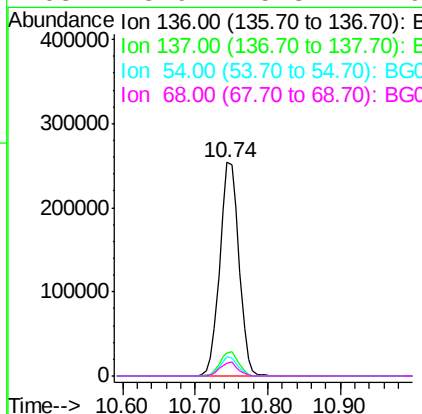
RT: 10.74 min Scan# 1303

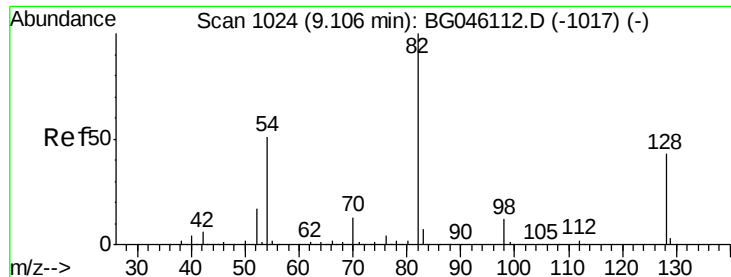
Delta R.T. -0.01 min

Lab File: BG046291.D

Acq: 15 Aug 2020 1:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		466119		
137	10.7	8.8	13.2		
54	8.8	7.0	10.4		
68	5.9	5.3	7.9		





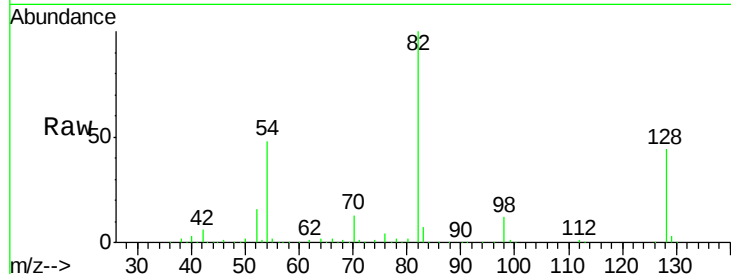
#23
Nitrobenzene-d5
Concen: 55.287 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Instrument :
BNA_G
ClientSampleId :
7211979

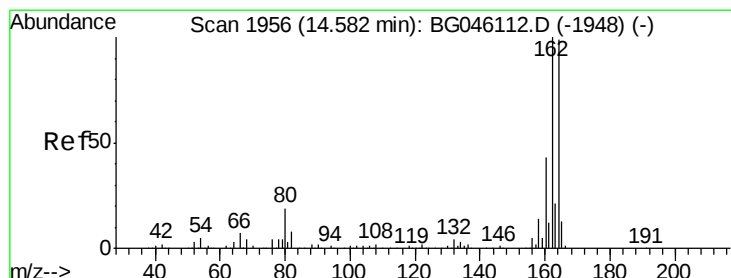
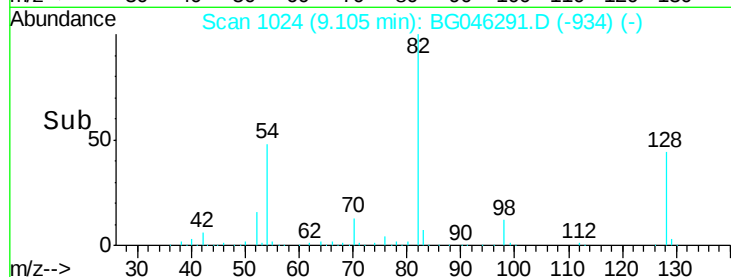
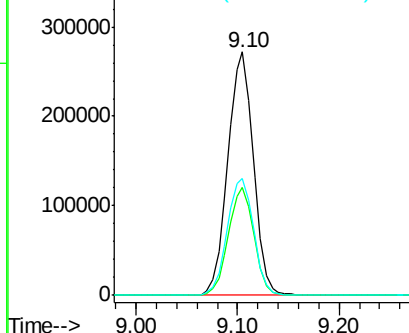
Tot Ion	Ratio	Resp	Lower	Upper
82	100	475969		
128	44.2		34.4	51.6
54	47.8		40.8	61.2

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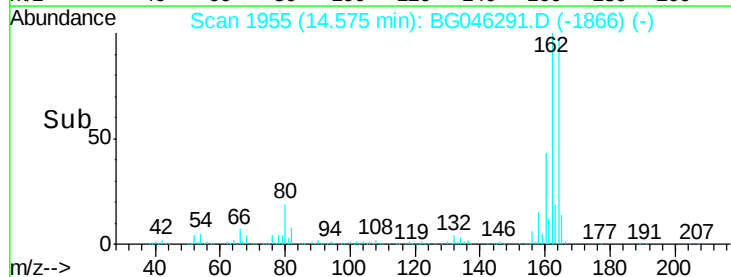
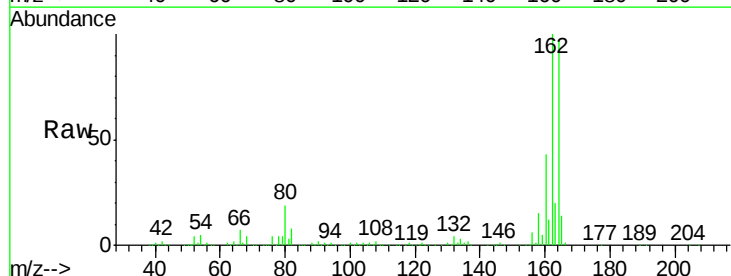
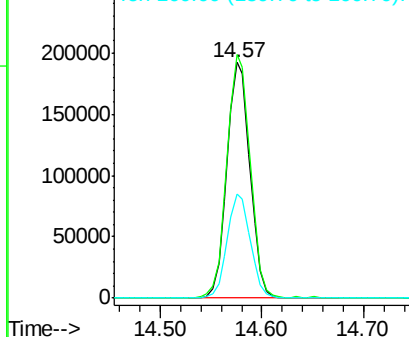
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

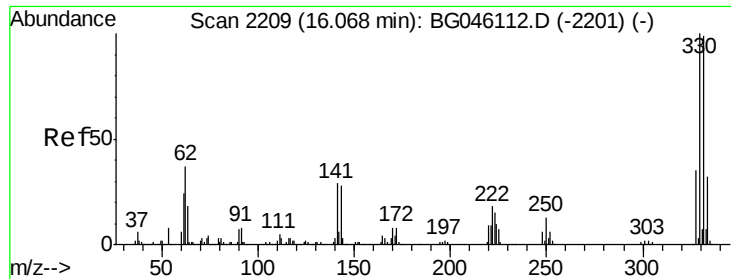


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	302444		
162	103.4		80.6	121.0
160	44.1		34.9	52.3

Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





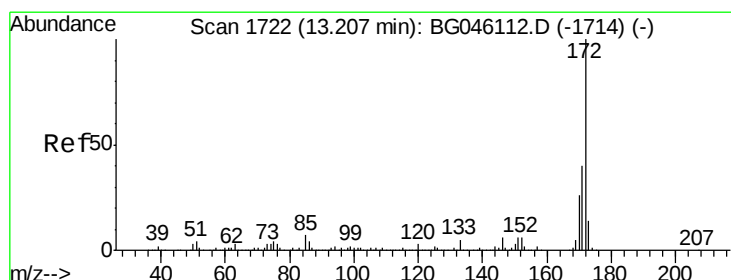
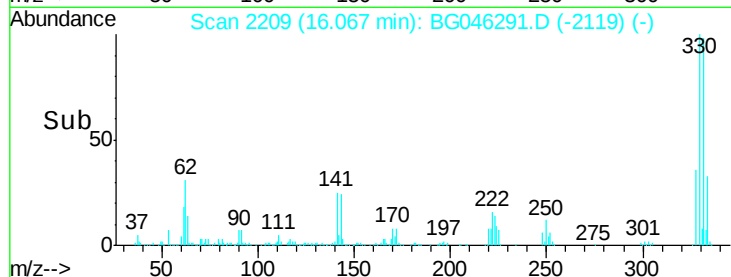
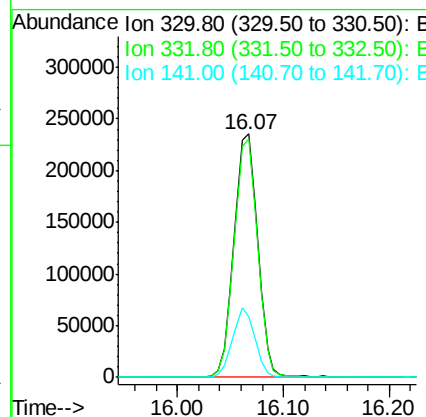
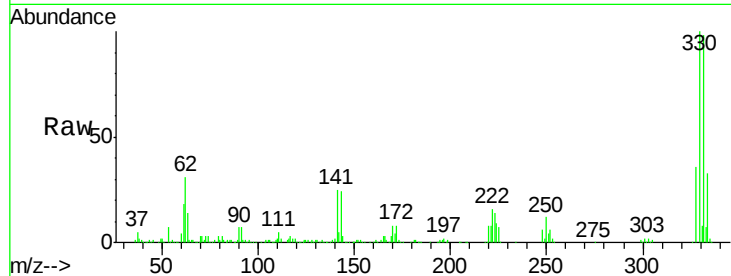
#42
 2,4,6-Tribromophenol
 Concen: 78.612 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG046291.D
 Acq: 15 Aug 2020 1:25

Instrument :
 BNA_G
 ClientSampleId :
 7211979

Tot Ion	Ratio	Resp	Lower	Upper
330	100	365192		
332	97.1	77.4	116.2	
141	27.0	23.4	35.0	

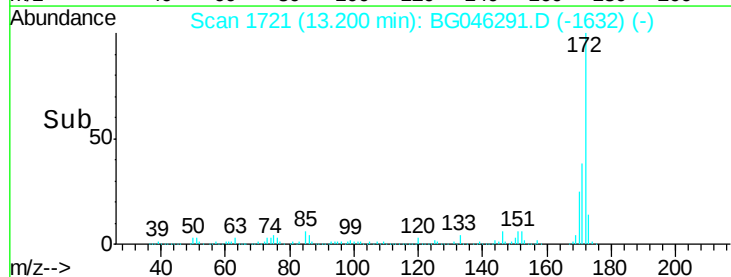
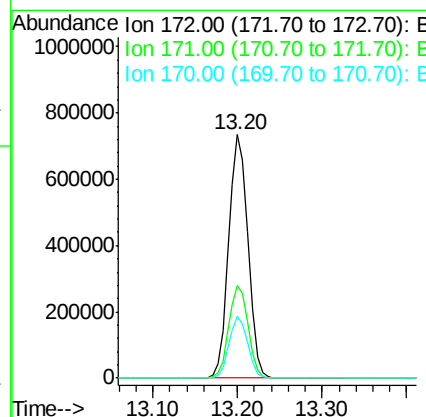
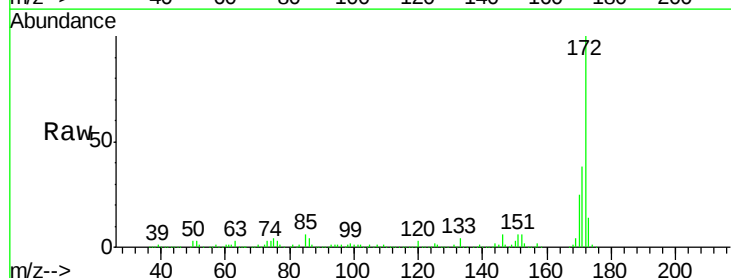
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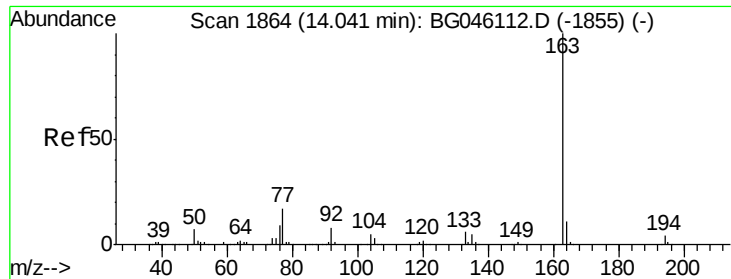
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#45
 2-Fluorobiphenyl
 Concen: 55.403 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046291.D
 Acq: 15 Aug 2020 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1153508		
171	38.2	31.7	47.5	
170	25.2	20.9	31.3	





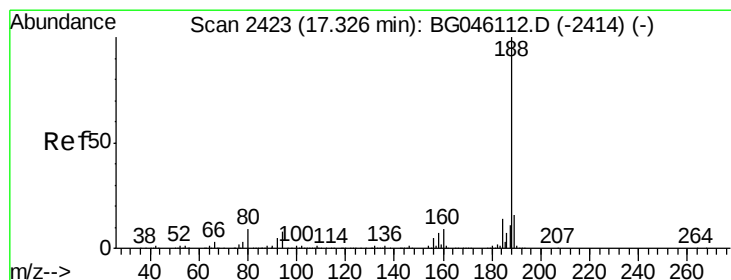
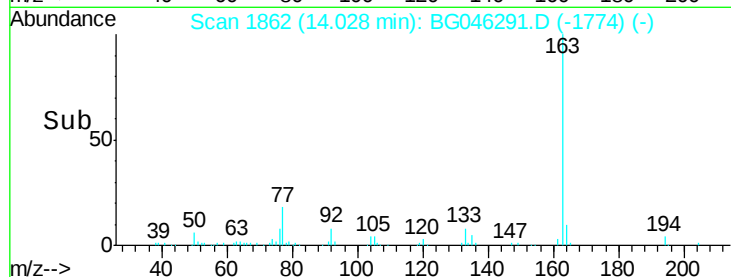
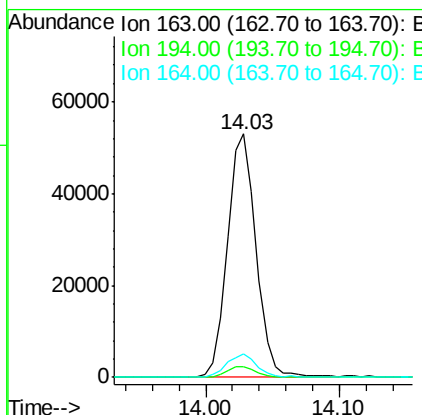
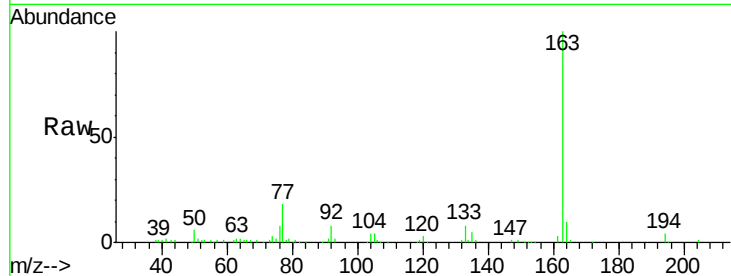
#50
Dimethylphthalate
Concen: 3.428 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Instrument :
BNA_G
ClientSampleId :
7211979

Tot Ion	Ratio	Resp	Lower	Upper
163	100	79573		
194	4.1		3.5	5.3
164	9.9		8.8	13.2

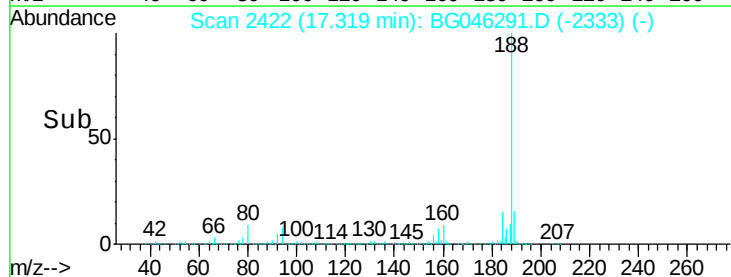
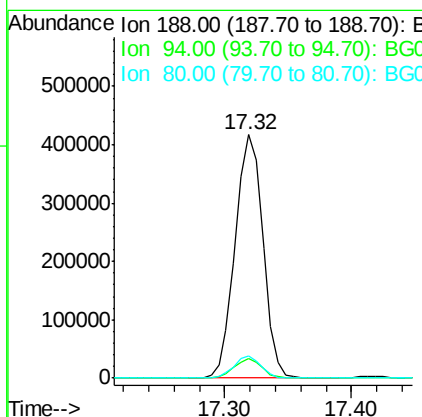
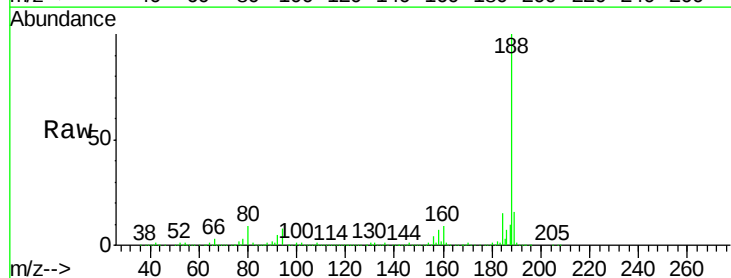
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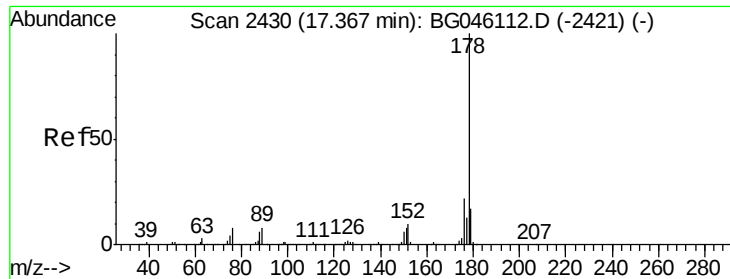
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	632051		
94	8.3		6.4	9.6
80	9.0		7.4	11.0





#71

Phenanthrene

Concen: 12.665 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG046291.D

Acq: 15 Aug 2020 1:25

Instrument :

BNA_G

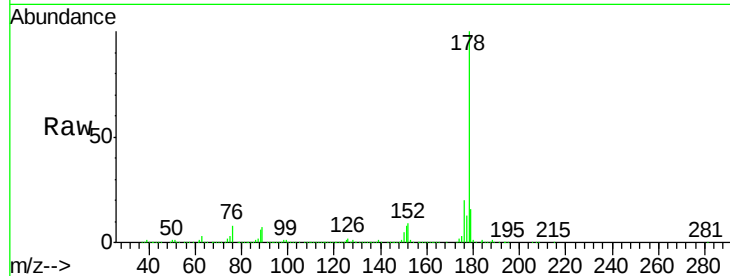
ClientSampleId :

7211979

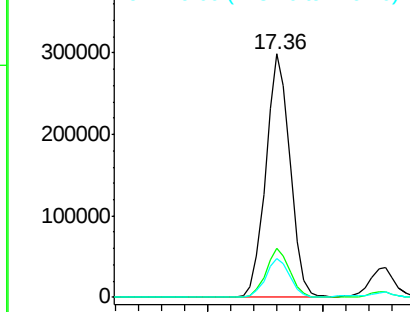
Tot Ion:	178	Resp:	438489
Ion Ratio	Lower	Upper	
178	100		
176	19.9	17.3	25.9
179	15.7	13.8	20.6

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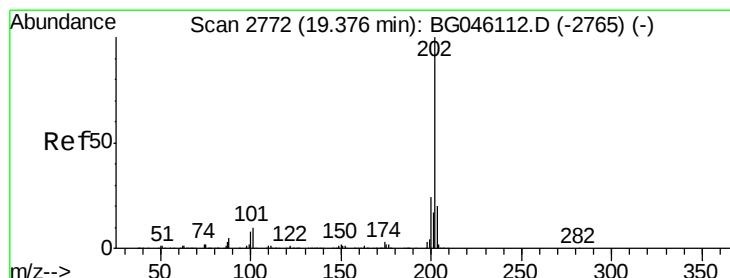
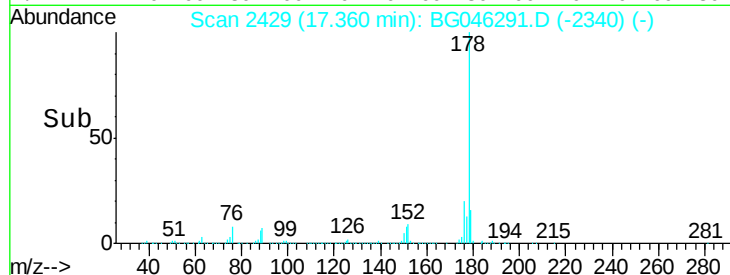
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Fluoranthene

Concen: 27.236 ng

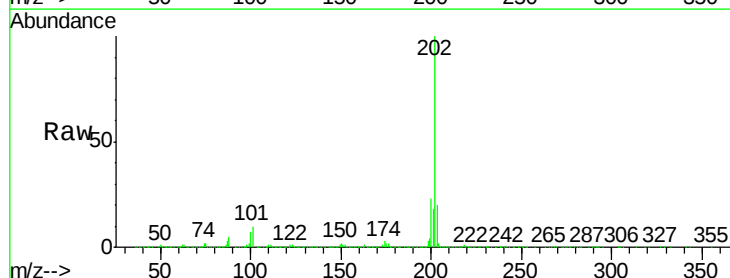
RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

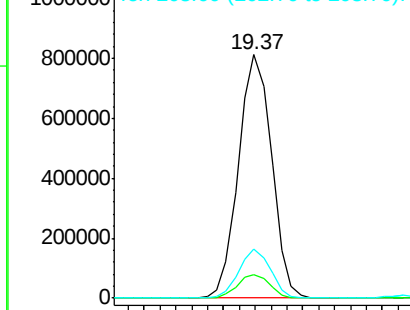
Lab File: BG046291.D

Acq: 15 Aug 2020 1:25

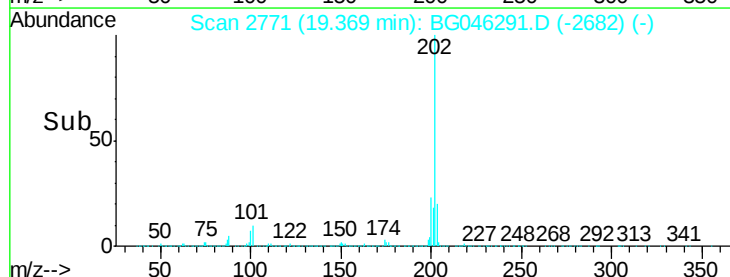
Tgt Ion:	202	Resp:	1177290
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.0
203	20.0	0.2	40.2

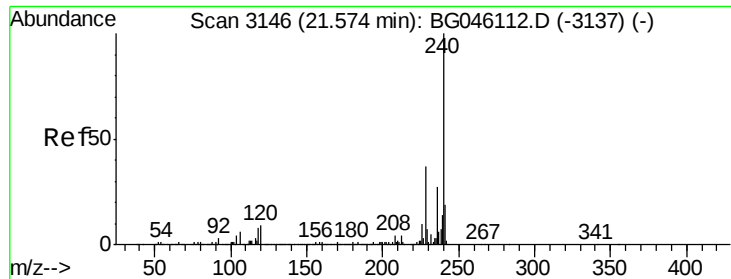


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046291.D

Acq: 15 Aug 2020 1:25

Instrument :

BNA_G

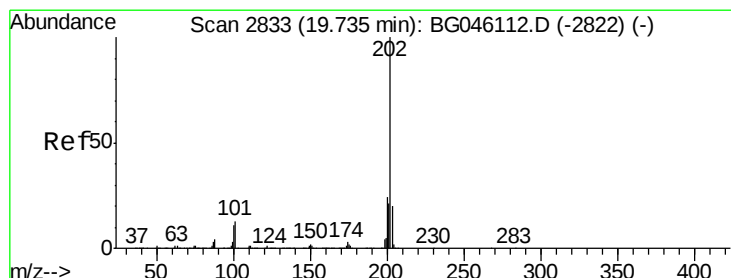
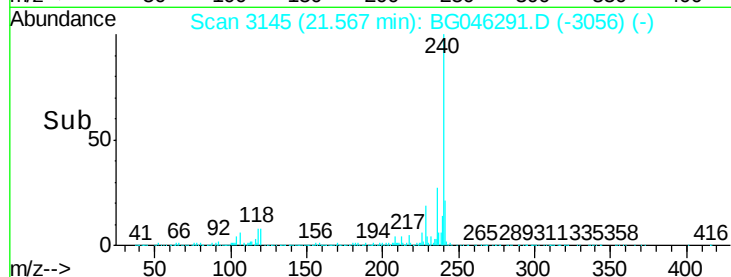
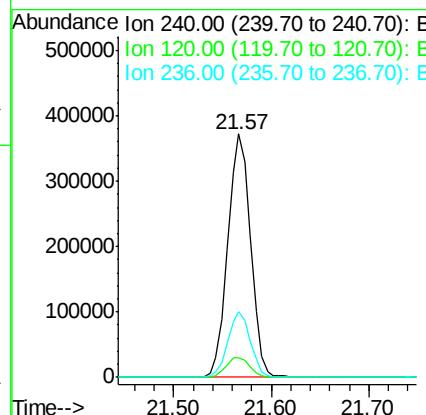
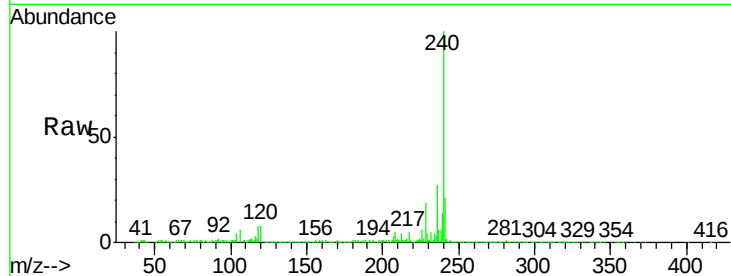
ClientSampleId :

7211979

Tot Ion:	240	Resp:	600678
Ion Ratio	Lower	Upper	
240	100		
120	8.1	7.1	10.7
236	27.0	21.7	32.5

Manual Integrations
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#78

Pyrene

Concen: 25.050 ng

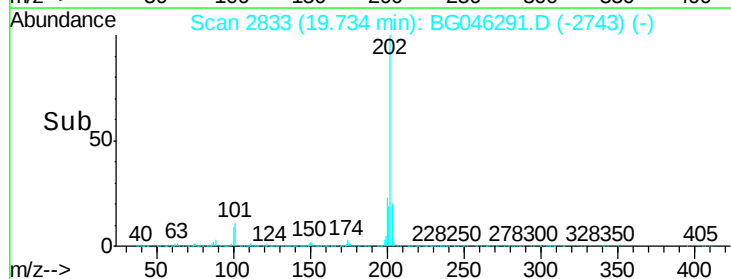
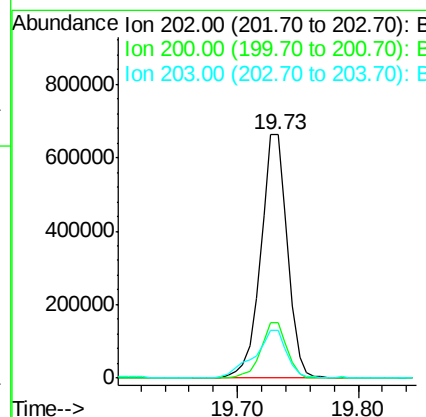
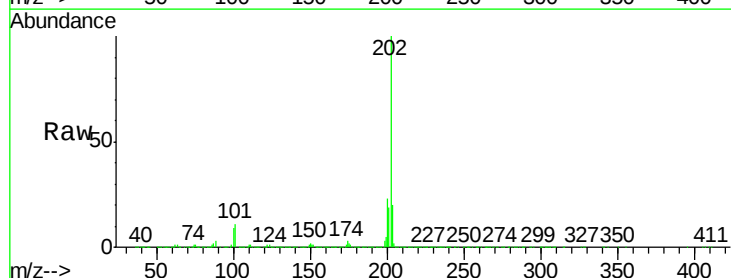
RT: 19.73 min Scan# 2833

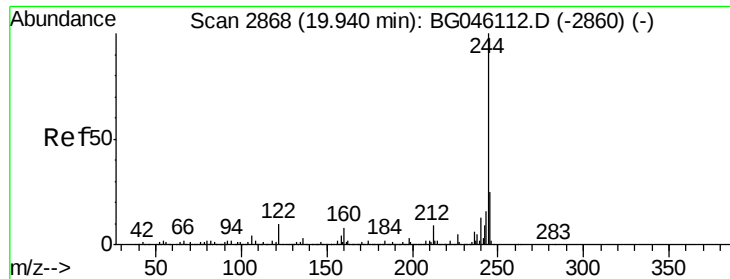
Delta R.T. -0.00 min

Lab File: BG046291.D

Acq: 15 Aug 2020 1:25

Tgt Ion:	202	Resp:	1011022
Ion Ratio	Lower	Upper	
202	100		
200	22.9	19.5	29.3
203	19.7	16.2	24.2





#79

Terphenyl-d14

Concen: 46.501 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046291.D

Acq: 15 Aug 2020 1:25

Instrument :

BNA_G

ClientSampleId :

7211979

Tot Ion:244 Resp: 1371496

Ion Ratio Lower Upper

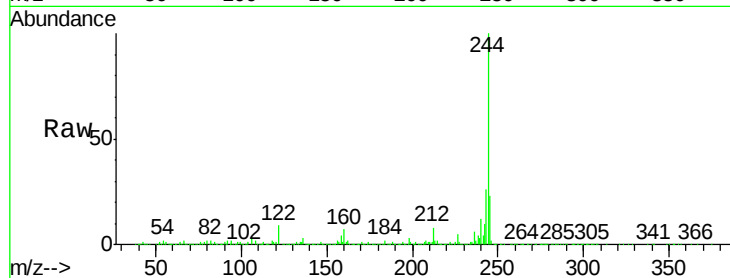
244 100

212 7.9 7.2 10.8

122 9.3 8.3 12.5

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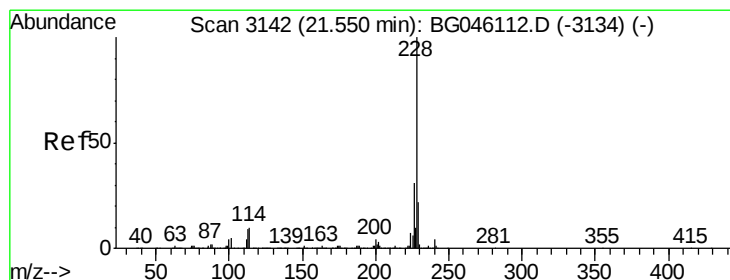
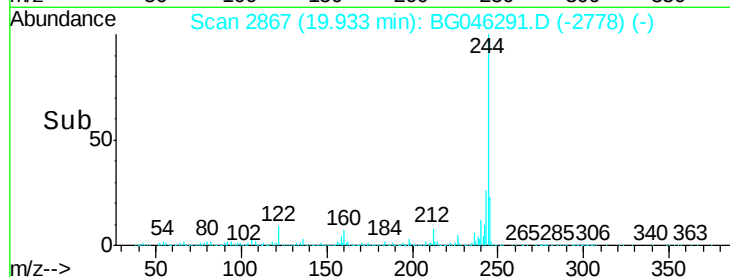
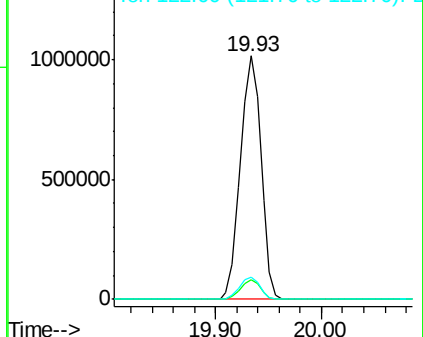
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 12.250 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046291.D

Acq: 15 Aug 2020 1:25

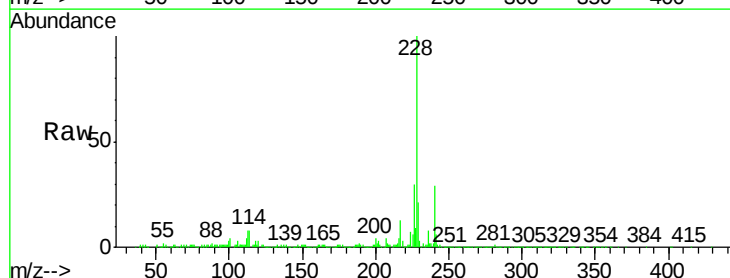
Tgt Ion:228 Resp: 492411

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

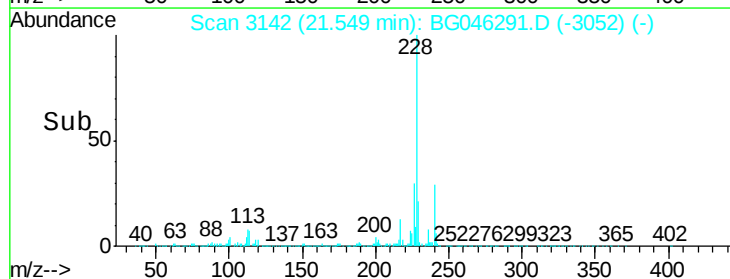
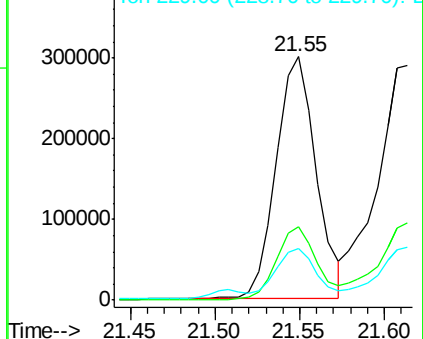
229 21.1 17.8 26.8

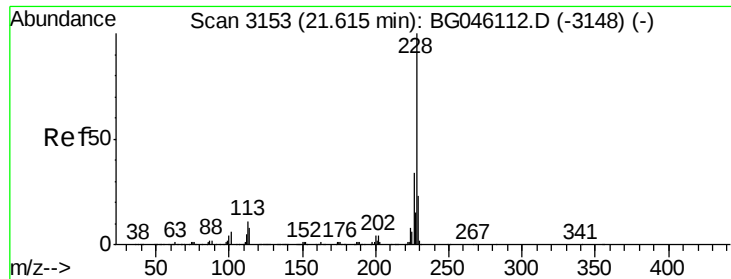


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





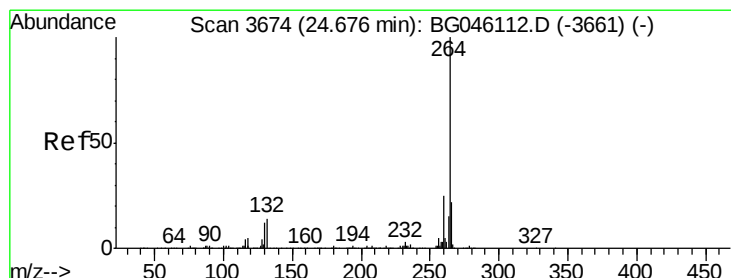
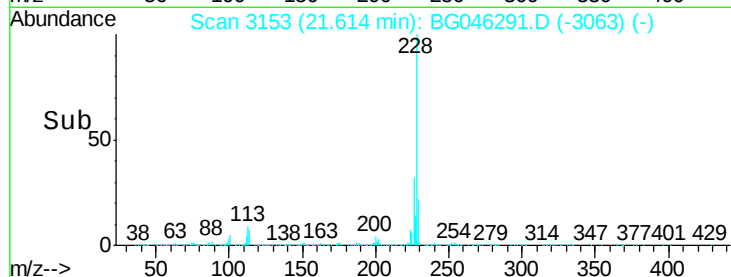
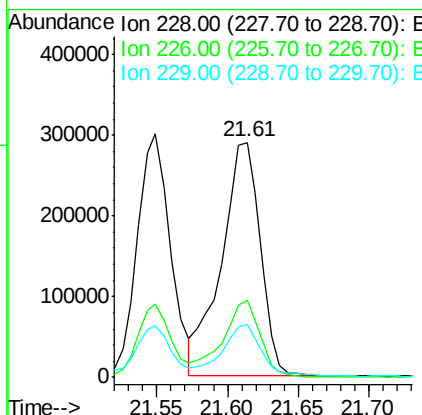
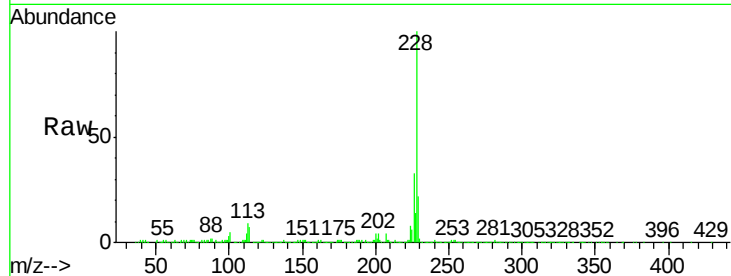
#83
Chrysene
Concen: 14.162 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Instrument :
BNA_G
ClientSampleId :
7211979

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.9	40.3
229	22.5	18.2	27.4

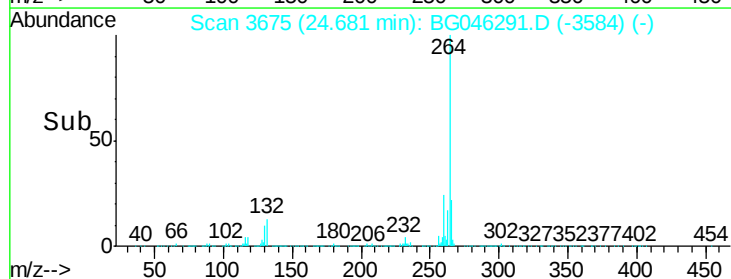
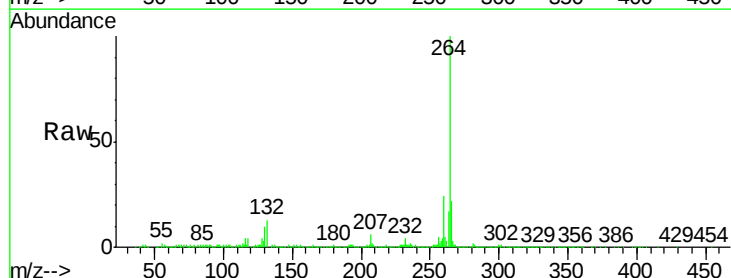
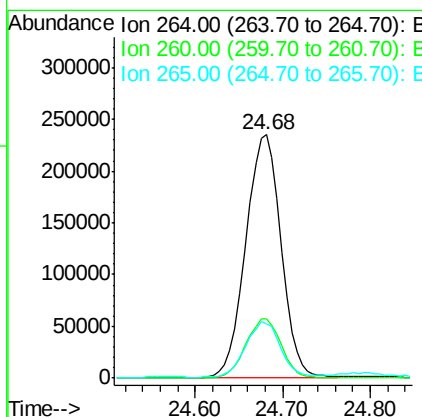
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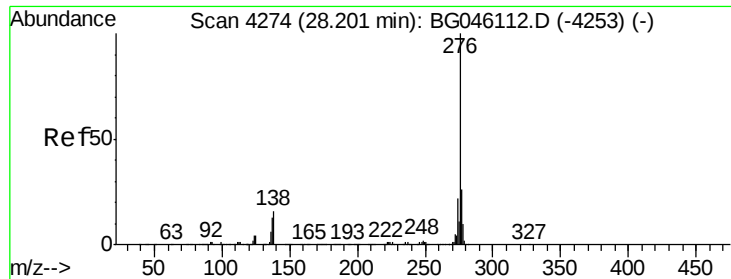
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	22.5	17.6	26.4





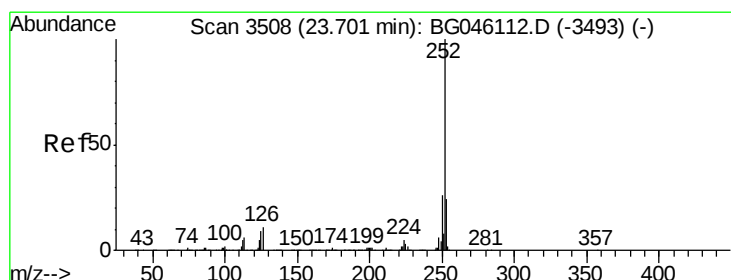
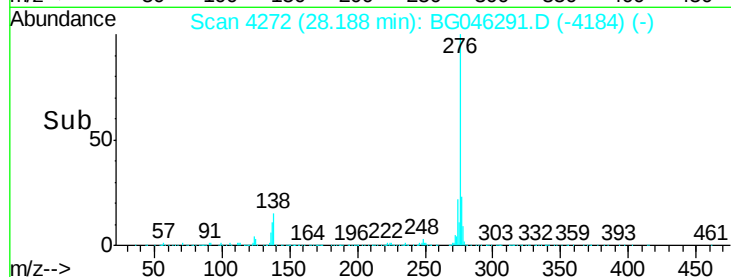
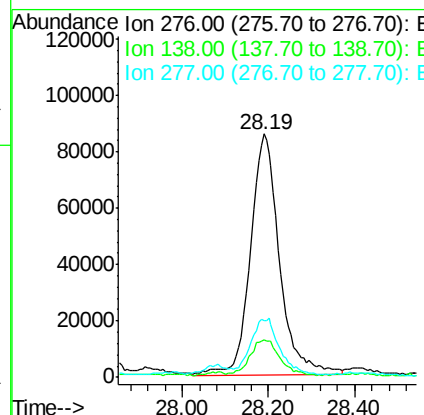
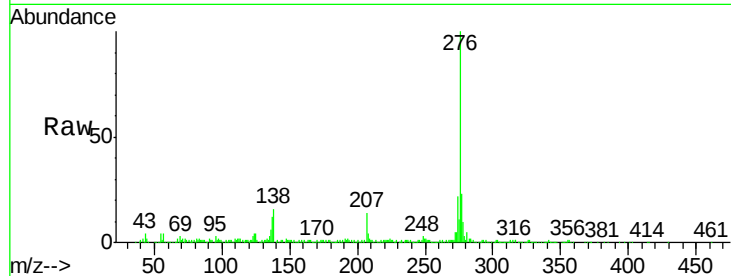
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.327 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046291.D
 Acq: 15 Aug 2020 1:25

Instrument :
 BNA_G
 ClientSampleId :
 7211979

Tot Ion:	276	Resp:	409411
Ion Ratio	Lower	Upper	
276	100		
138	15.0	11.6	17.4
277	22.9	20.8	31.2

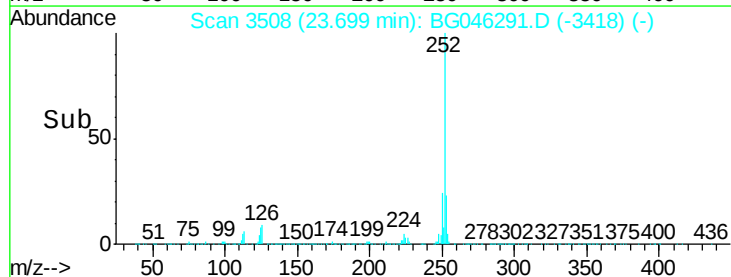
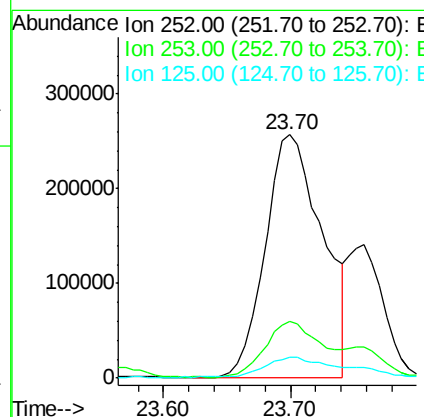
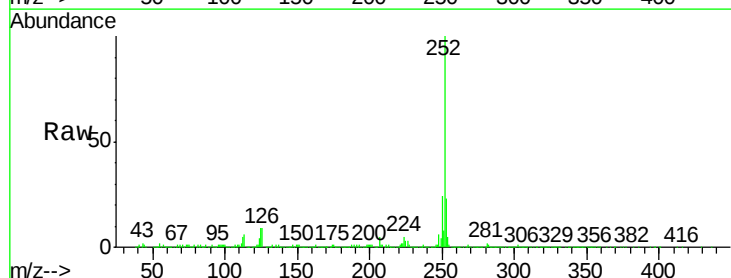
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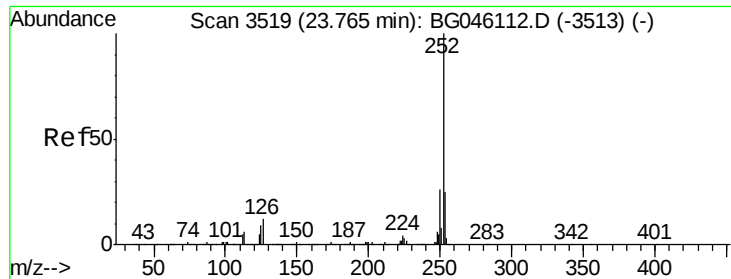
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 18.647 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.00 min
 Lab File: BG046291.D
 Acq: 15 Aug 2020 1:25

Tgt Ion:	252	Resp:	805595
Ion Ratio	Lower	Upper	
252	100		
253	23.1	19.2	28.8
125	8.8	7.2	10.8





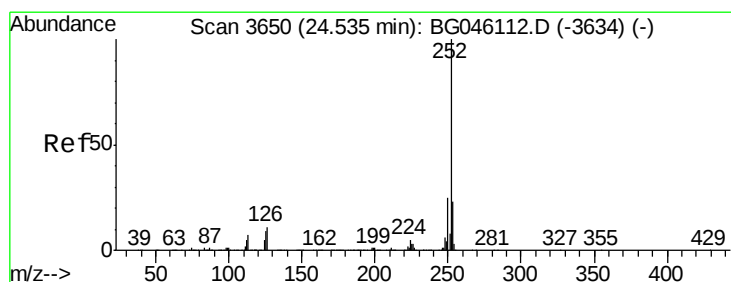
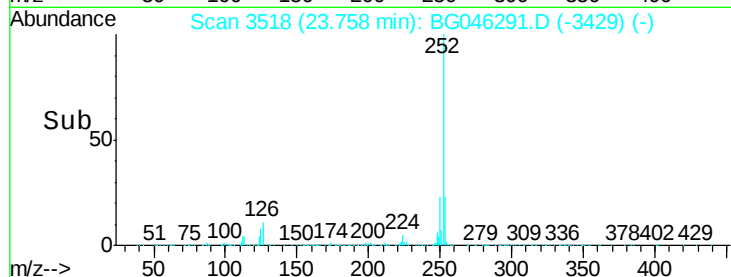
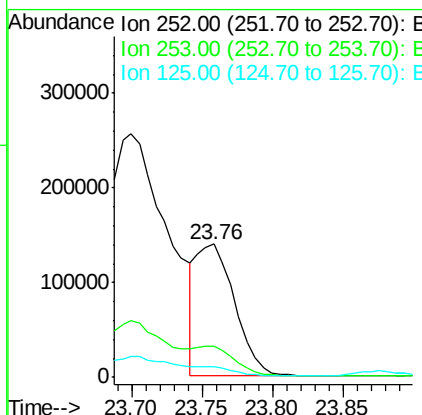
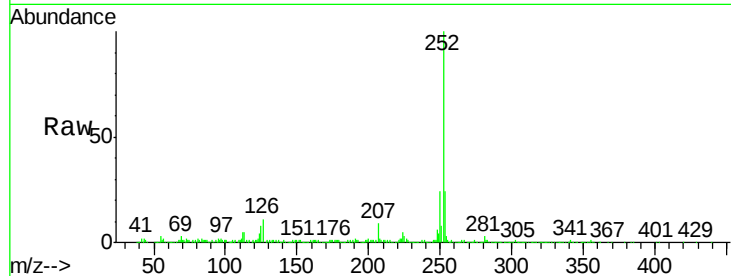
#89
Benzo(k)fluoranthene
Concen: 6.278 ng m
RT: 23.76 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Instrument :
BNA_G
ClientSampleId :
7211979

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.5	29.3
125	8.3	7.3	10.9

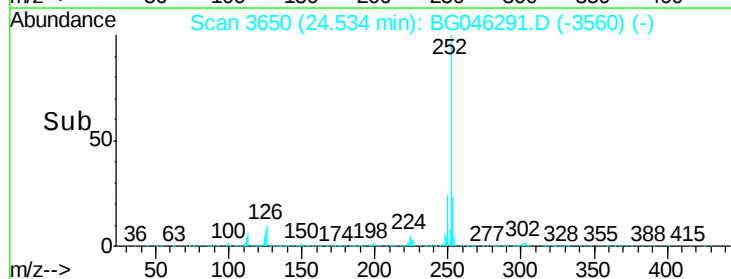
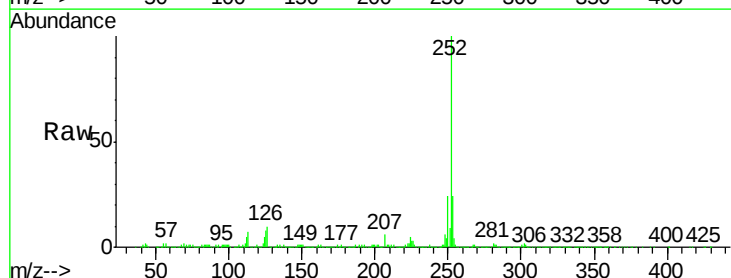
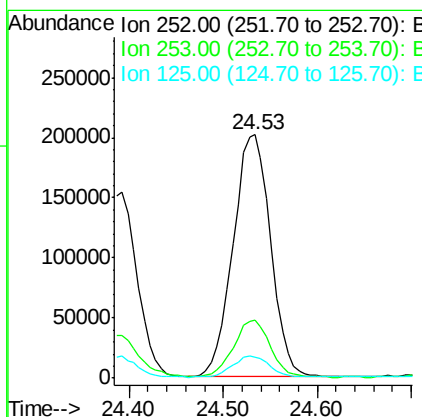
Manual Integrations
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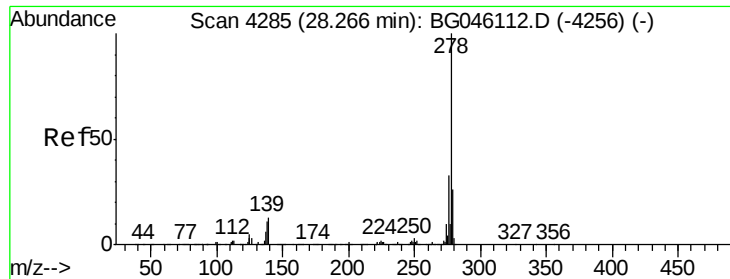
mohammad
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#90
Benzo(a)pyrene
Concen: 13.780 ng
RT: 24.53 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	8.4	7.1	10.7





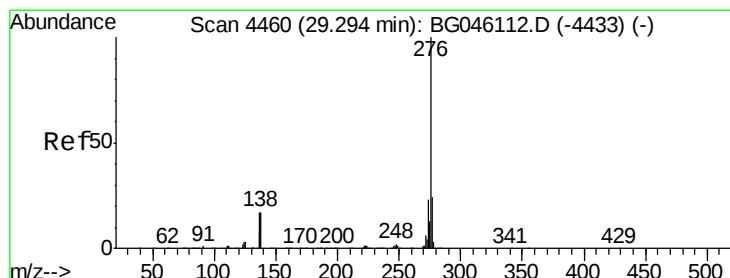
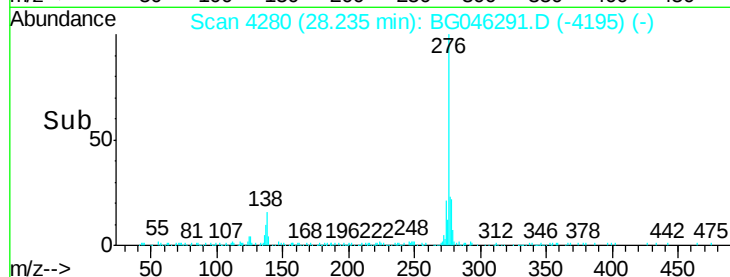
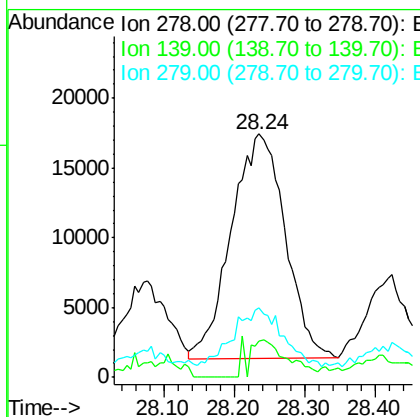
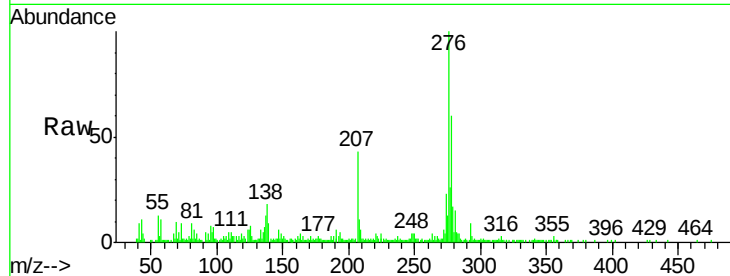
#91
Dibenzo(a,h)anthracene
Concen: 2.081 ng
RT: 28.24 min Scan# 4280
Delta R.T. -0.03 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Instrument :
BNA_G
ClientSampleId :
7211979

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	10.8	16.2
279	28.6	20.5	30.7

Manual Integrations
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mohammad
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#92
Benzo(g,h,i)perylene
Concen: 9.545 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.01 min
Lab File: BG046291.D
Acq: 15 Aug 2020 1:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.5	29.3
138	17.4	13.8	20.6

