

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046312.D
 Acq On : 18 Aug 2020 1:57
 Operator : CG/JU
 Sample : L3632-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM96

Manual Integrations
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Quant Time: Aug 18 04:34:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 02:05:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	77160	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	314595	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	209376	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	474598	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	480927	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	518476	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	24662	4.55	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	96921	5.03	ng/ul	0.00
10) Fluorene-d10	15.56	176	81338	5.51	ng/ul	0.00
15) Anthracene-d10	17.41	188	115319	5.24	ng/ul	0.00
19) Pyrene-d10	19.69	212	124794	5.04	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	127943	4.52	ng/ul	0.00
Target Compounds						
					Qvalue	
4) Naphthalene	10.78	128	77865	4.758	ng/ul	98
5) 2-Methylnaphthalene	12.39	142	32263	2.586	ng/ul	96
8) Acenaphthylene	14.29	152	19673	1.004	ng/ul	96
9) Acenaphthene	14.63	153	50141	3.584	ng/ul	97
11) Fluorene	15.61	166	78705	4.812	ng/ul	95
14) Phenanthrene	17.35	178	771249	29.539	ng/ul	99
16) Anthracene	17.44	178	207654	7.882	ng/ul	98
17) Fluoranthene	19.36	202	767377	26.358	ng/ul	99
20) Pyrene	19.72	202	589879	18.686	ng/ul	97
21) Benzo(a)anthracene	21.54	228	415840	13.290	ng/ul	99
22) Chrysene	21.60	228	344020	11.373	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	374122	10.912	ng/ul	98
25) Benzo(k)fluoranthene	23.73	252	167741m	4.932	ng/ul	
27) Benzo(a)pyrene	24.51	252	253933	8.067	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.16	276	152928	3.880	ng/ul	99
29) Dibenzo(a,h)anthracene	28.21	278	51289	1.605	ng/ul#	92
30) Benzo(a,h,i)perylene	29.26	276	98832m	2.996	ng/ul	

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

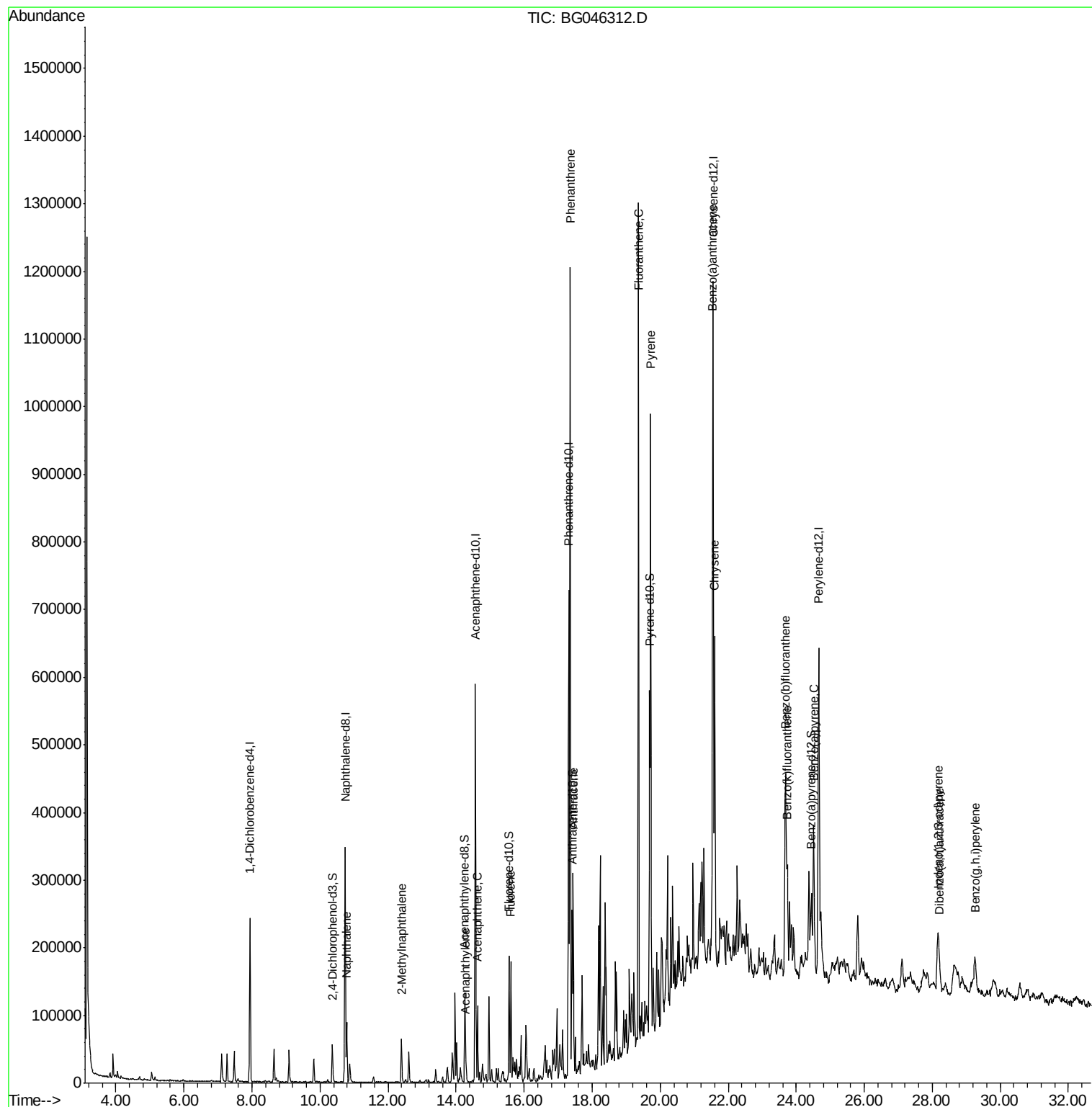
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046312.D
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ALS Vial : 19 Sample Multiplier: 1

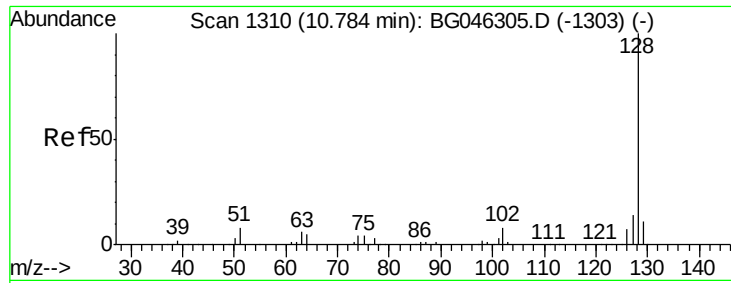
Instrument :
BNA_G
ClientSampleId :
BFM96

Quant Time: Aug 18 04:34:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 02:05:56 2020
Response via : Initial Calibration

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#4

Naphthalene

Concen: 4.758 ng/ul

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG046312.D

Acq: 18 Aug 2020 1:57

Instrument :

BNA_G

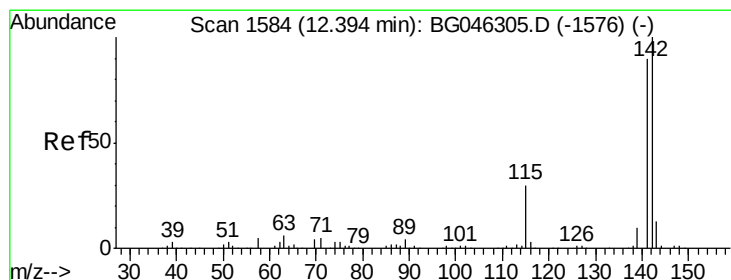
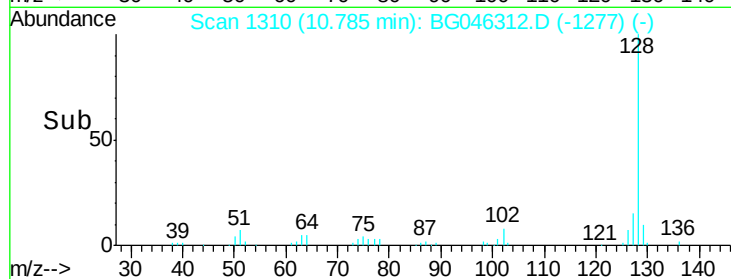
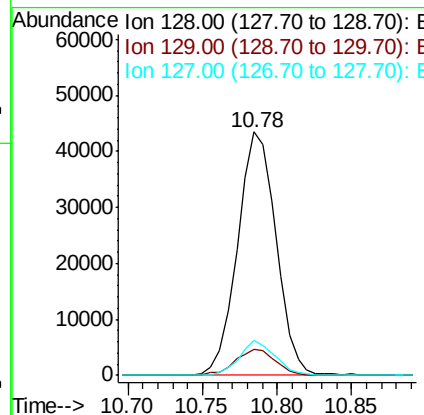
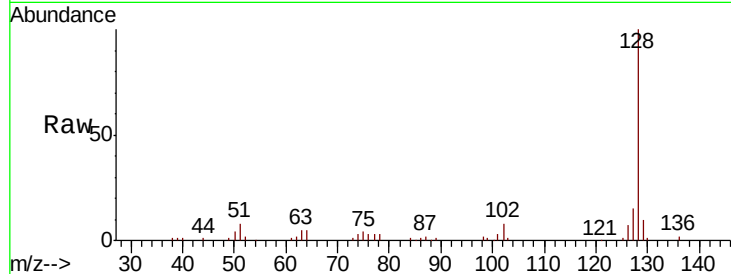
ClientSampleId :

BFM96

Tot Ion:	128	Resp:	77865
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.0	13.6
127	14.5	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 2.586 ng/ul

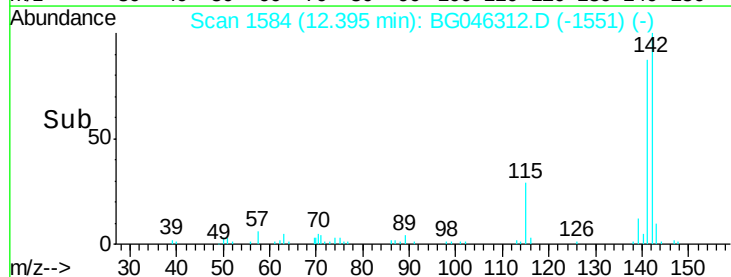
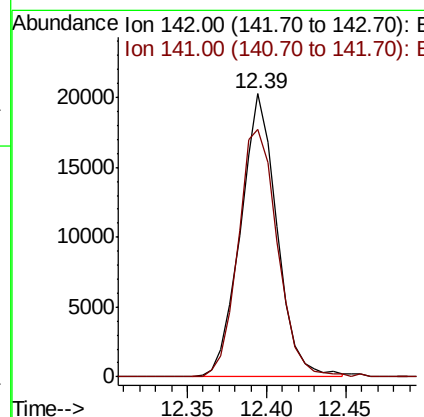
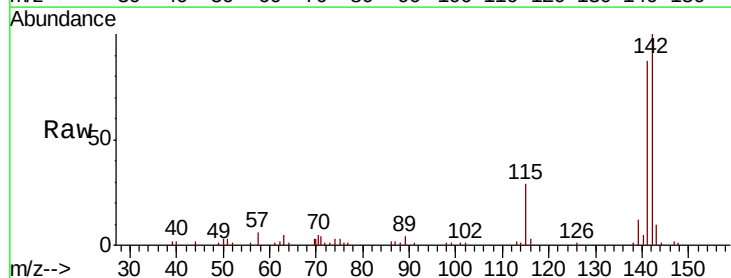
RT: 12.39 min Scan# 1584

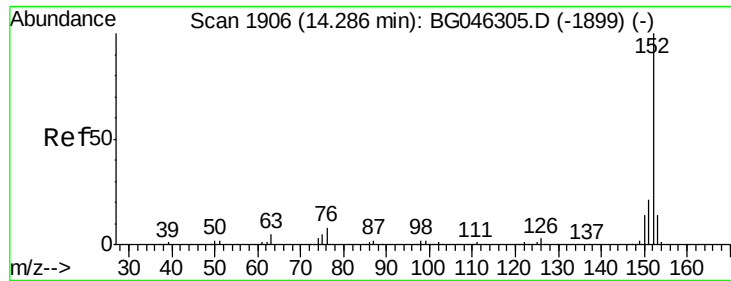
Delta R.T. -0.01 min

Lab File: BG046312.D

Acq: 18 Aug 2020 1:57

Tgt Ion:	142	Resp:	32263
Ion Ratio	Lower	Upper	
142	100		
141	87.3	72.5	108.7





#8

Acenaphthylene

Concen: 1.004 ng/ul

RT: 14.29 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG046312.D

Acq: 18 Aug 2020 1:57

Instrument :

BNA_G

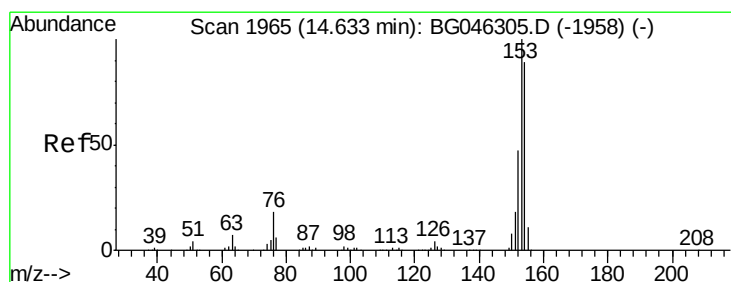
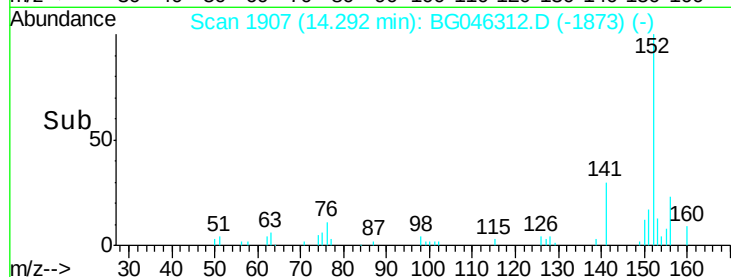
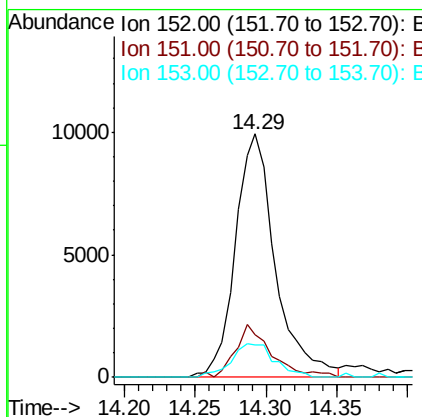
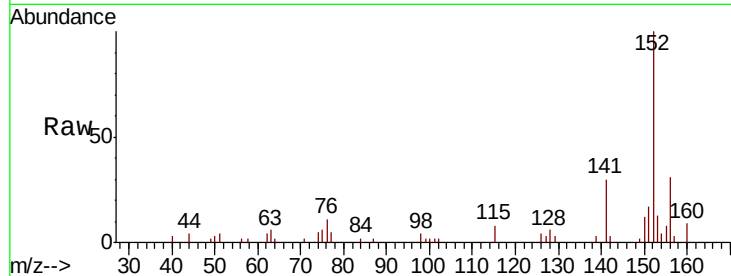
ClientSampleId :

BFM96

Tot Ion:	152	Resp:	19673
Ion Ratio	Lower	Upper	
152	100		
151	17.4	16.5	24.7
153	13.5	11.0	16.6

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#9

Acenaphthene

Concen: 3.584 ng/ul

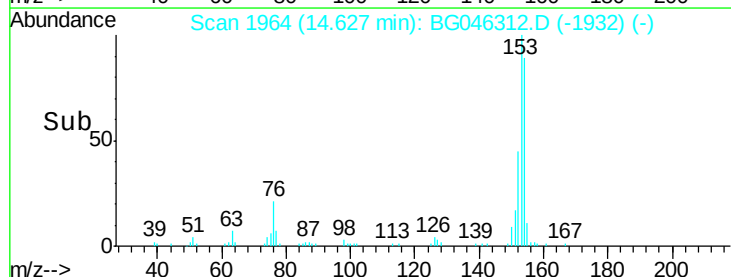
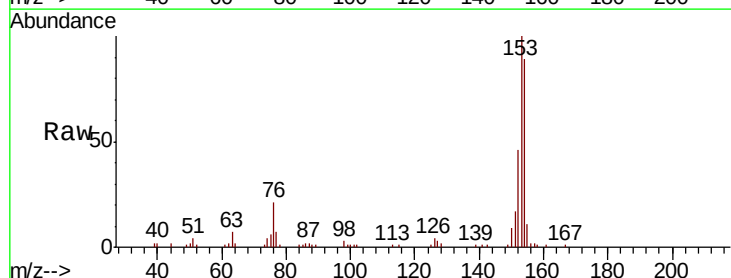
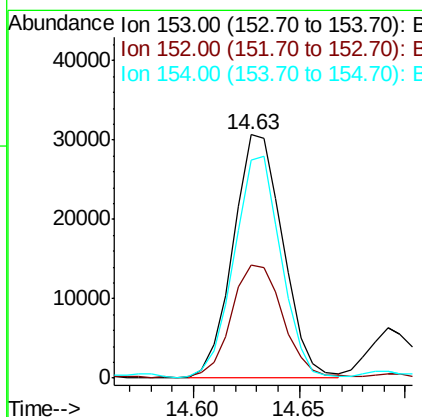
RT: 14.63 min Scan# 1964

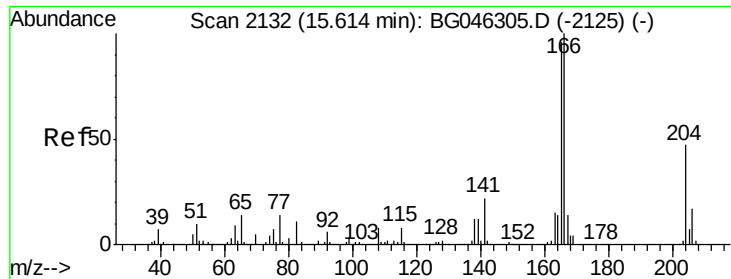
Delta R.T. -0.01 min

Lab File: BG046312.D

Acq: 18 Aug 2020 1:57

Tgt Ion:	153	Resp:	50141
Ion Ratio	Lower	Upper	
153	100		
152	46.4	37.2	55.8
154	89.4	67.8	101.6





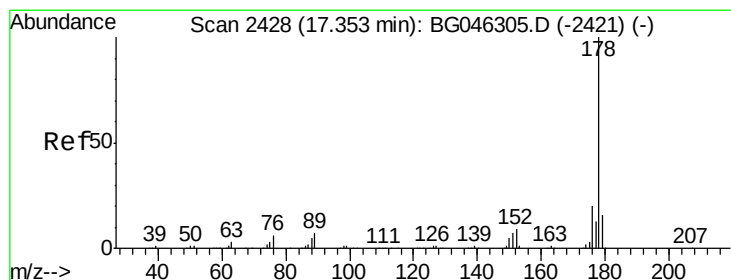
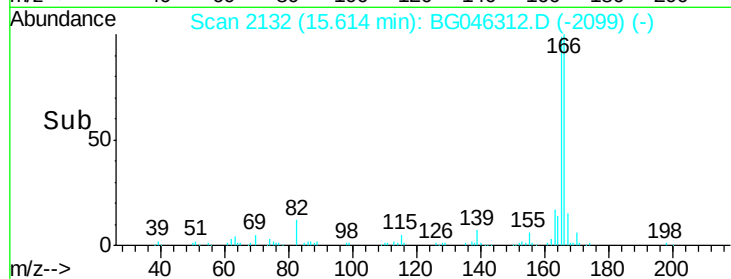
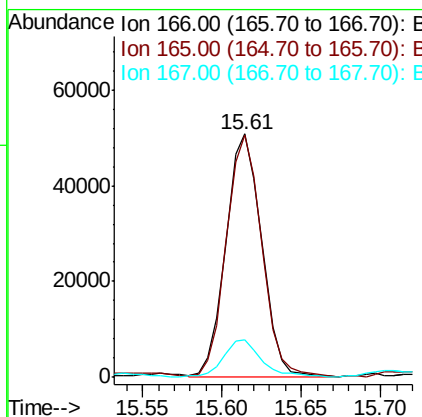
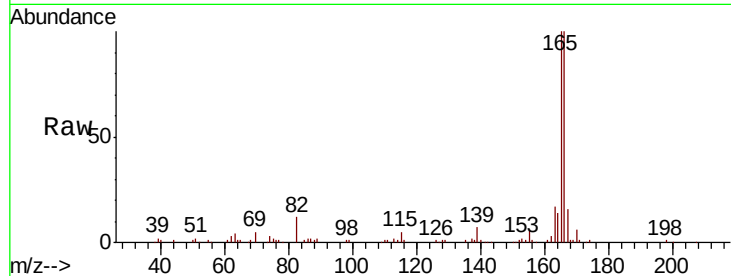
#11
 Fluorene
 Concen: 4.812 ng/ul
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG046312.D
 Acq: 18 Aug 2020 1:57

Instrument :
 BNA_G
 ClientSampleId :
 BFM96

Tot Ion	Ratio	Resp	Lower	Upper
166	100	78705		
165	99.6	75.9	113.9	
167	15.6	10.7	16.1	

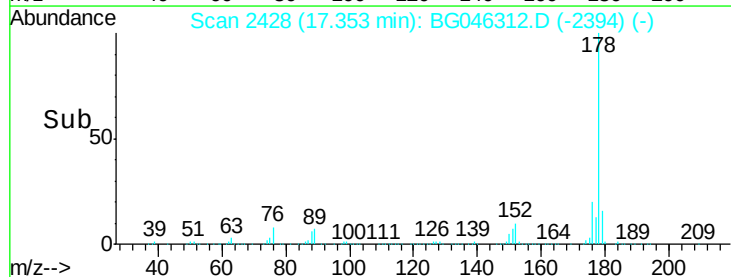
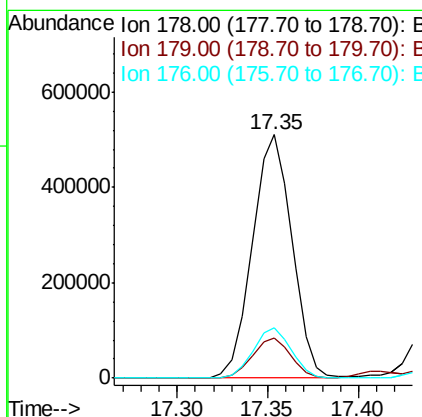
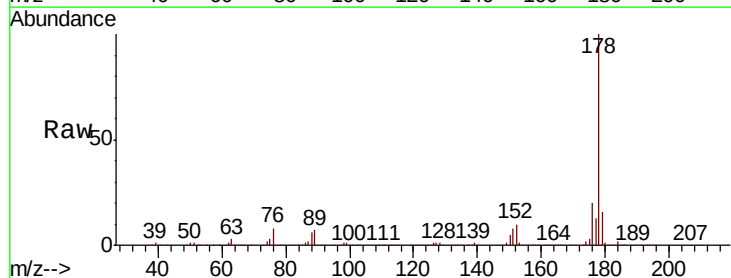
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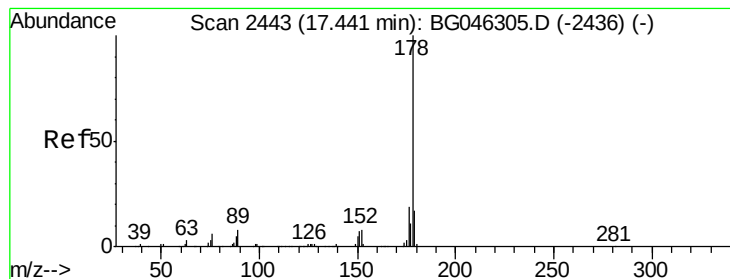
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#14
 Phenanthrene
 Concen: 29.539 ng/ul
 RT: 17.35 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG046312.D
 Acq: 18 Aug 2020 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	771249		
179	16.5	12.8	19.2	
176	20.4	15.8	23.8	





#16

Anthracene

Concen: 7.882 ng/ul

RT: 17.44 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG046312.D

Acq: 18 Aug 2020 1:57

Instrument :

BNA_G

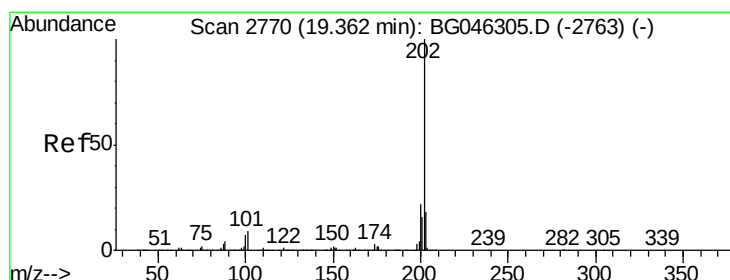
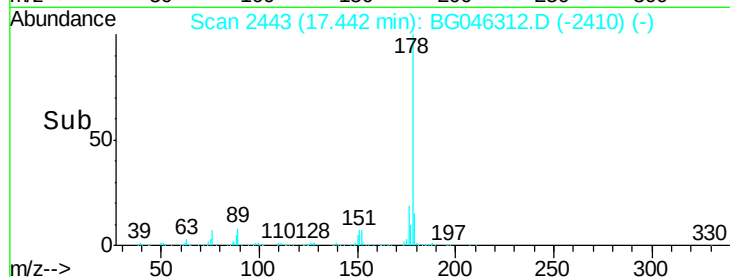
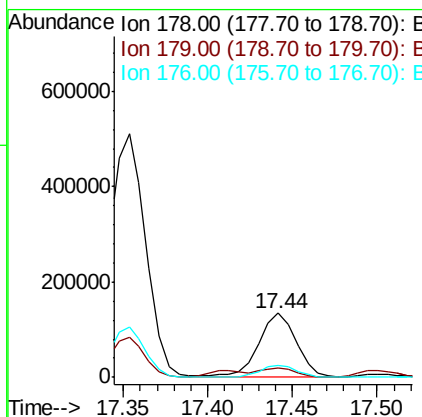
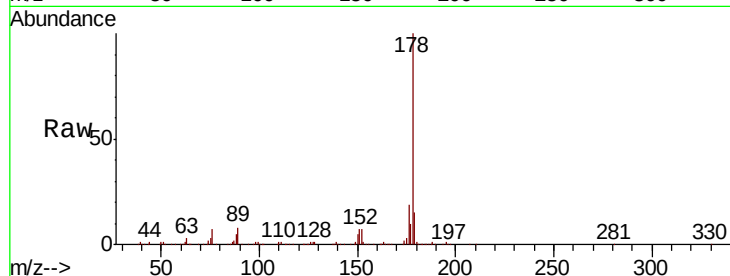
ClientSampleId :

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Tot Ion:	178	Resp:	207654
Ion Ratio	Lower	Upper	
178	100		
179	15.1	13.2	19.8
176	19.1	15.2	22.8

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#17

Fluoranthene

Concen: 26.358 ng/ul

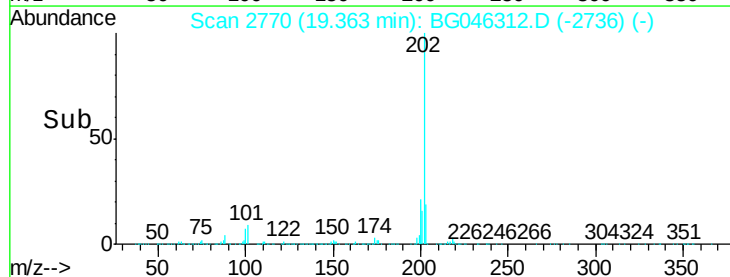
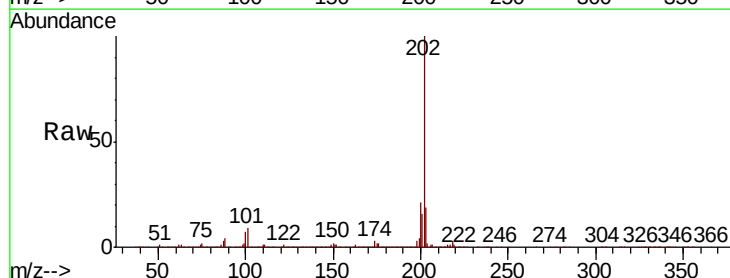
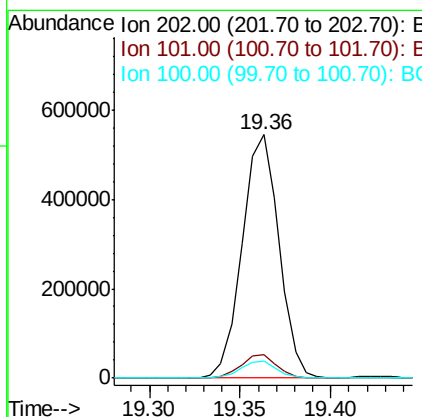
RT: 19.36 min Scan# 2770

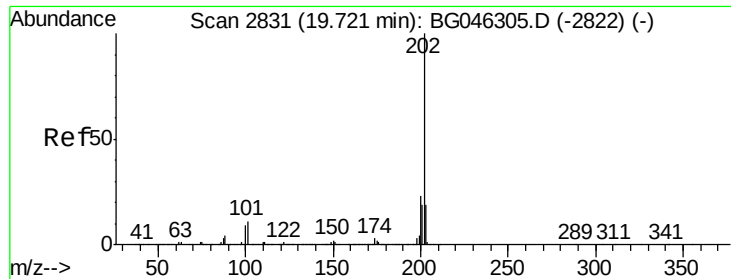
Delta R.T. -0.00 min

Lab File: BG046312.D

Acq: 18 Aug 2020 1:57

Tgt Ion:	202	Resp:	767377
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.8	11.6
100	7.2	5.9	8.9





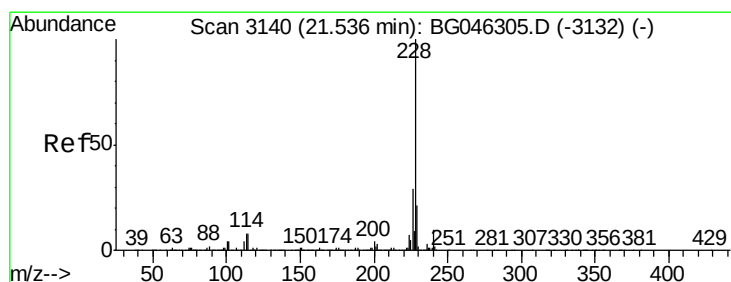
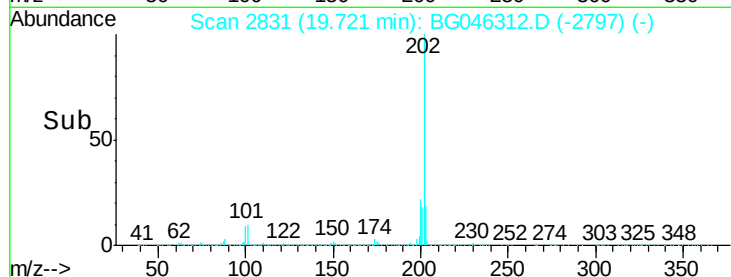
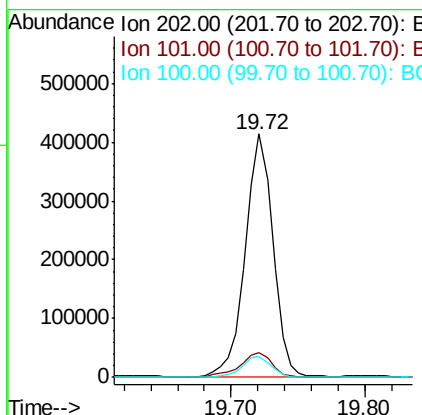
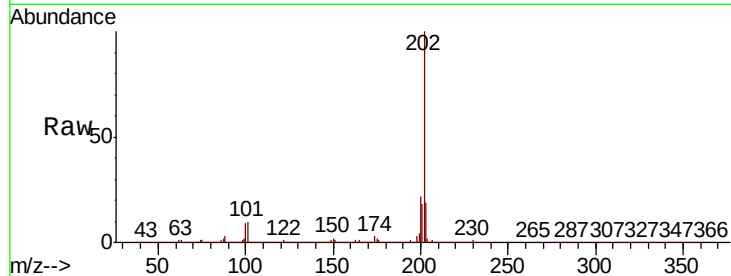
#20
Pvrene
Concen: 18.686 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046312.D
Acq: 18 Aug 2020 1:57

Instrument :
BNA_G
ClientSampled :
BFM96

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.0		8.9	13.3	
100	8.6		7.9	11.9	

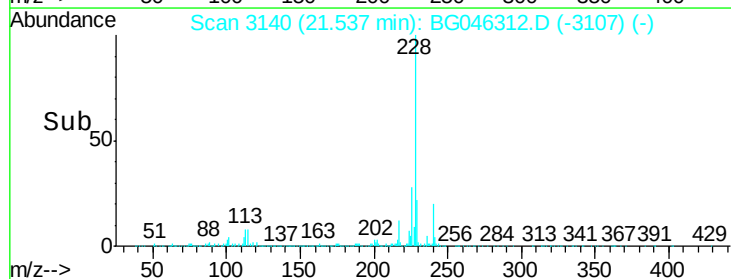
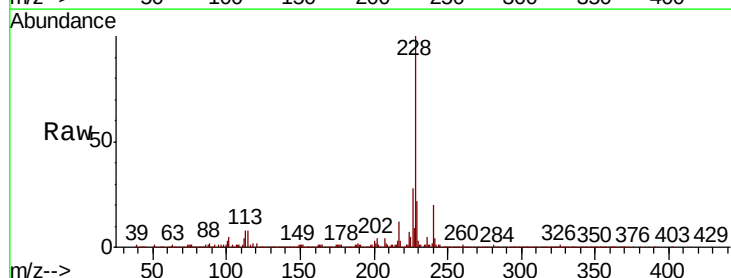
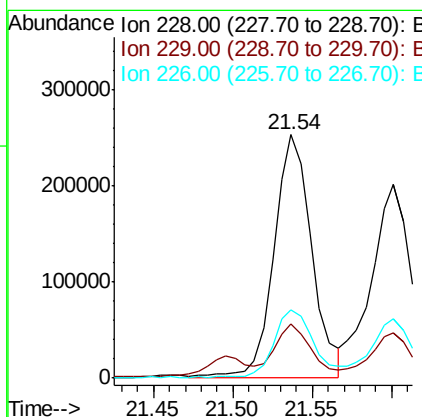
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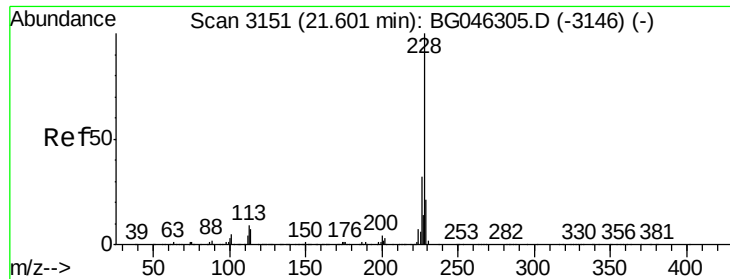
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#21
Benzo(a)anthracene
Concen: 13.290 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046312.D
Acq: 18 Aug 2020 1:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	22.2		16.6	25.0	
226	28.3		22.6	33.8	





#22

Chrysene

Concen: 11.373 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046312.D

Acq: 18 Aug 2020 1:57

Instrument :

BNA_G

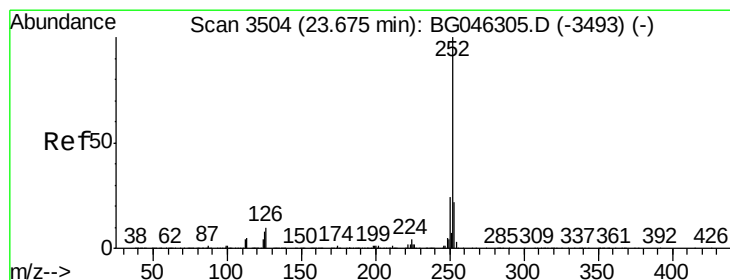
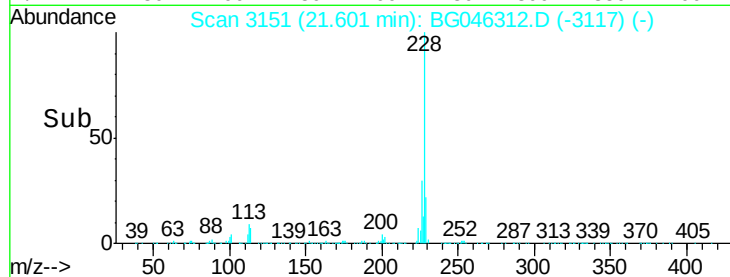
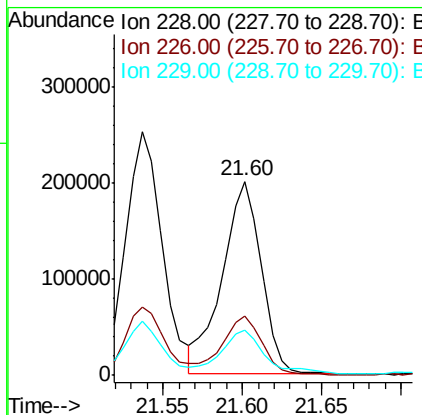
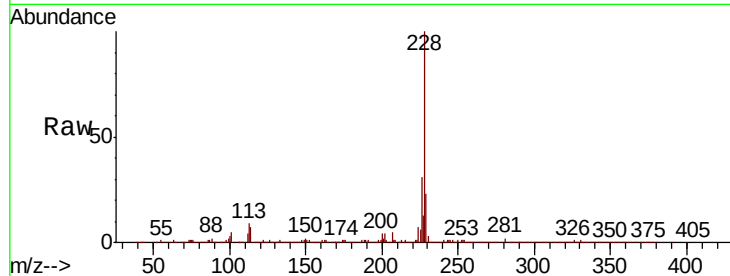
ClientSampleId :

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Tot Ion:	228	Resp:	344020
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.5	38.3
229	23.3	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 10.912 ng/ul

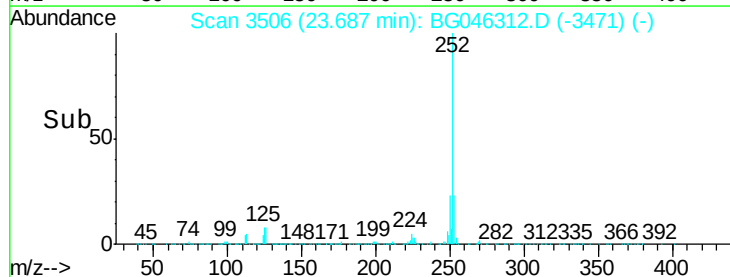
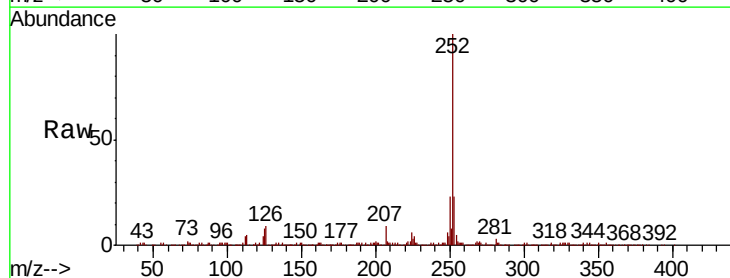
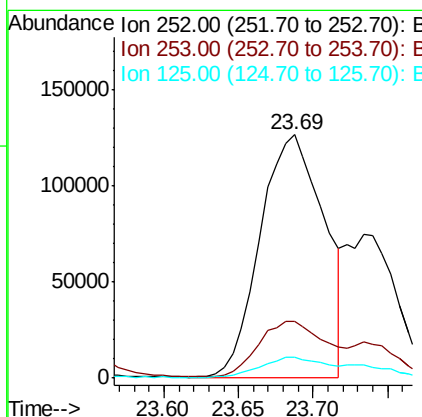
RT: 23.69 min Scan# 3506

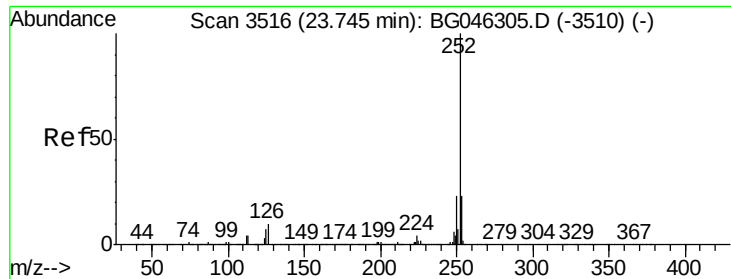
Delta R.T. 0.00 min

Lab File: BG046312.D

Acq: 18 Aug 2020 1:57

Tgt Ion:	252	Resp:	374122
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	8.4	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 4.932 ng/ul

RT: 23.73 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BG046312.D

Acq: 18 Aug 2020 1:57

Instrument :

BNA_G

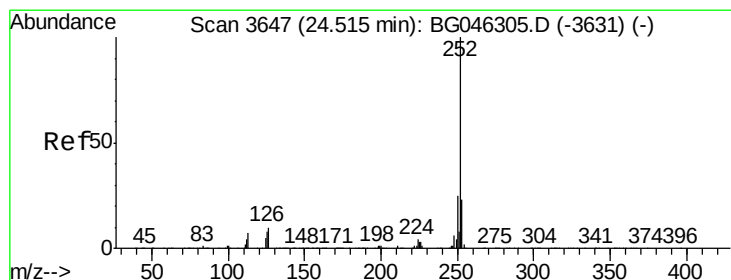
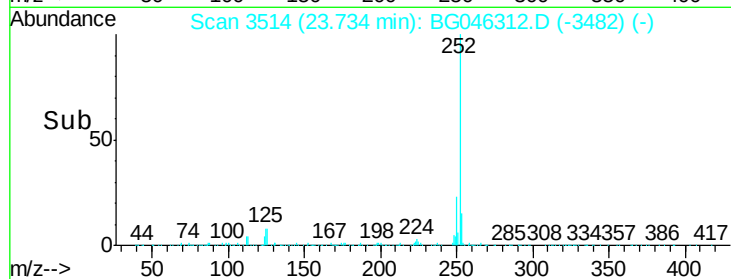
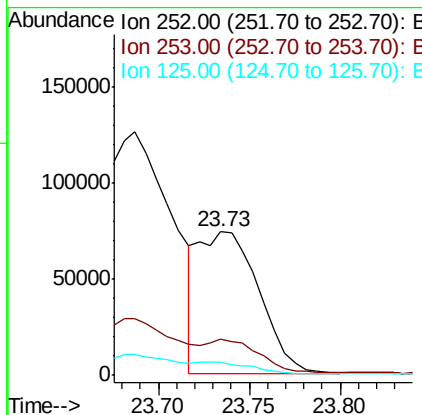
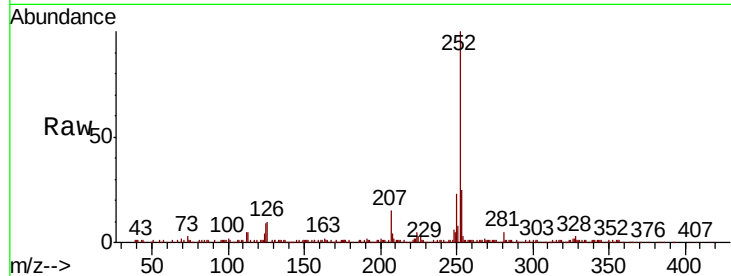
ClientSampleId :

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Tot Ion:	252	Resp:	167741
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.5	27.7
125	9.0	6.2	9.2

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#27

Benzo(a)pyrene

Concen: 8.067 ng/ul

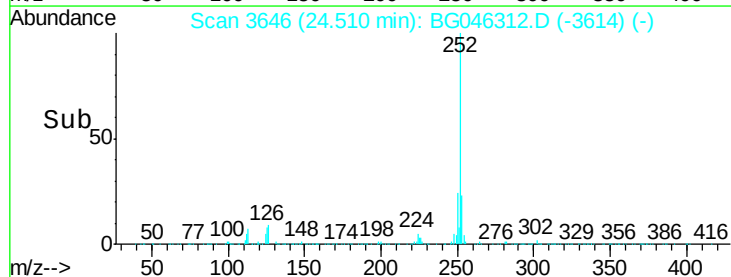
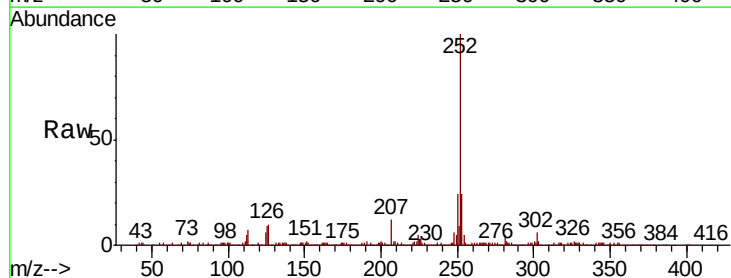
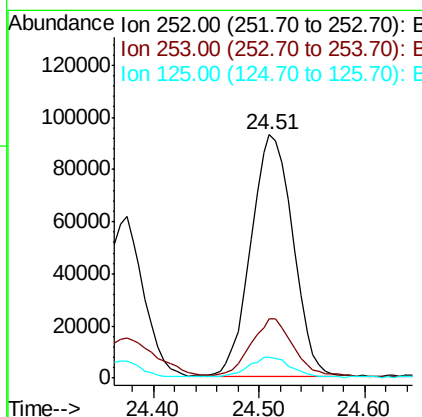
RT: 24.51 min Scan# 3646

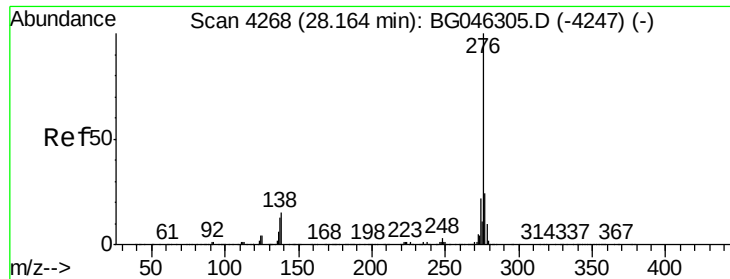
Delta R.T. -0.01 min

Lab File: BG046312.D

Acq: 18 Aug 2020 1:57

Tgt Ion:	252	Resp:	253933
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.8
125	8.5	7.1	10.7





#28

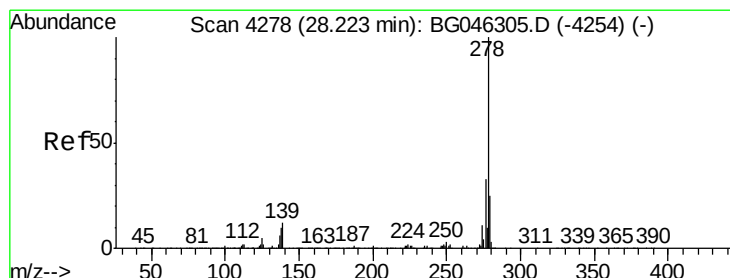
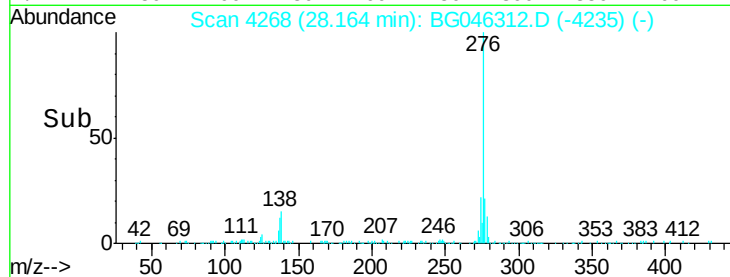
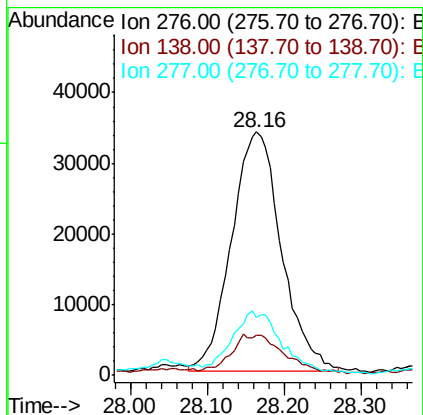
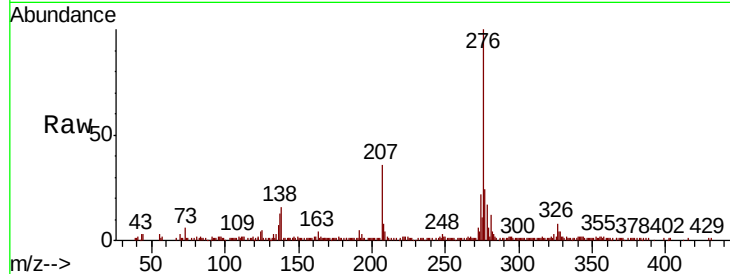
Indeno(1,2,3-cd)pyrene
Concen: 3.880 ng/ul
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG046312.D
Acq: 18 Aug 2020 1:57

Instrument :
BNA_G
ClientSampleId :
BFM96

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.2	19.8
277	23.8	19.9	29.9

Manual Integrations
APPROVED

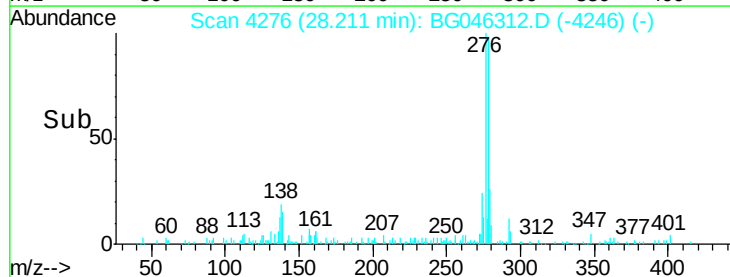
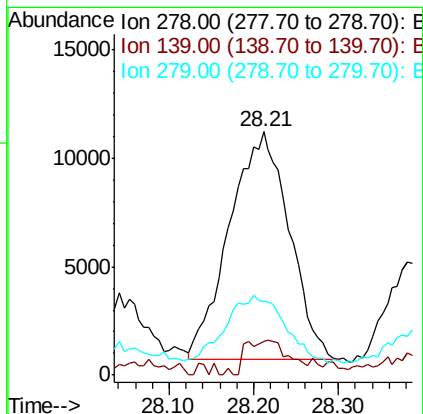
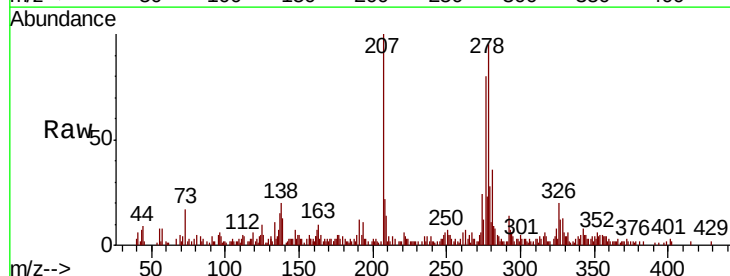
mohammad
8/19/2020 2:16:16 PM

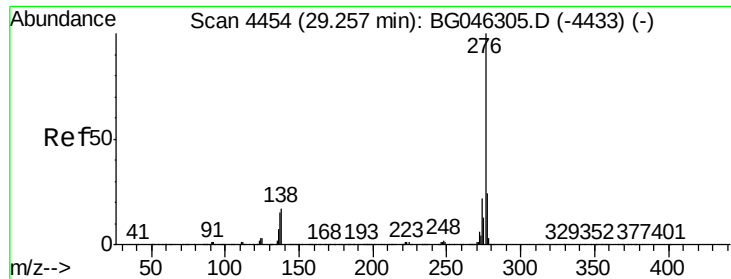


#29

Dibenzo(a,h)anthracene
Concen: 1.605 ng/ul
RT: 28.21 min Scan# 4276
Delta R.T. -0.03 min
Lab File: BG046312.D
Acq: 18 Aug 2020 1:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	9.8	14.8
279	29.9	19.7	29.5#





#30
 Benzo(a,h,i)perylene
 Concen: 2.996 ng/ul m
 RT: 29.26 min Scan# 4455
 Delta R.T. -0.00 min
 Lab File: BG046312.D
 Acq: 18 Aug 2020 1:57

Instrument :
 BNA_G
 ClientSampleId :
 BFM96

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	12.9	19.3
277	22.4	19.4	29.0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:16:16 PM

