

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045735.D
 Acq On : 12 Jun 2020 00:21
 Operator : CG/JU
 Sample : L2973-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RL-356-RL-212

Manual Integrations
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mohammad
 6/15/2020 8:44:55 AM

Quant Time: Jun 12 03:41:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	70441	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	282952	20.00	ng	-0.01
39) Acenaphthene-d10	14.58	164	189069	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	396626	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	354758	20.00	ng	-0.01
87) Perylene-d12	24.74	264	402179	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	19522	5.42	ng	0.00
7) Phenol-d6	7.13	99	140628	27.41	ng	-0.02
23) Nitrobenzene-d5	9.10	82	158783	30.60	ng	-0.01
42) 2,4,6-Tribromophenol	16.10	330	1014	0.42	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	373498	33.51	ng	0.00
79) Terphenyl-d14	19.95	244	534806	35.16	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.04	163	62917	4.851	ng	Qvalue # 99
75) Fluoranthene	19.39	202	188541	8.561	ng	98
78) Pyrene	19.75	202	347342	17.176	ng	98
81) Benzo(a)anthracene	21.57	228	229557m	11.616	ng	
83) Chrysene	21.64	228	225861m	11.886	ng	
86) Indeno(1,2,3-cd)pyrene	28.30	276	330822	13.313	ng	97
88) Benzo(b)fluoranthene	23.74	252	442394m	20.510	ng	
89) Benzo(k)fluoranthene	23.80	252	113634m	5.608	ng	
90) Benzo(a)pyrene	24.58	252	457030	22.751	ng	98
91) Dibenzo(a,h)anthracene	28.33	278	61293	3.036	ng	# 94
92) Benzo(g,h,i)perylene	29.41	276	432248	21.410	ng	97

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

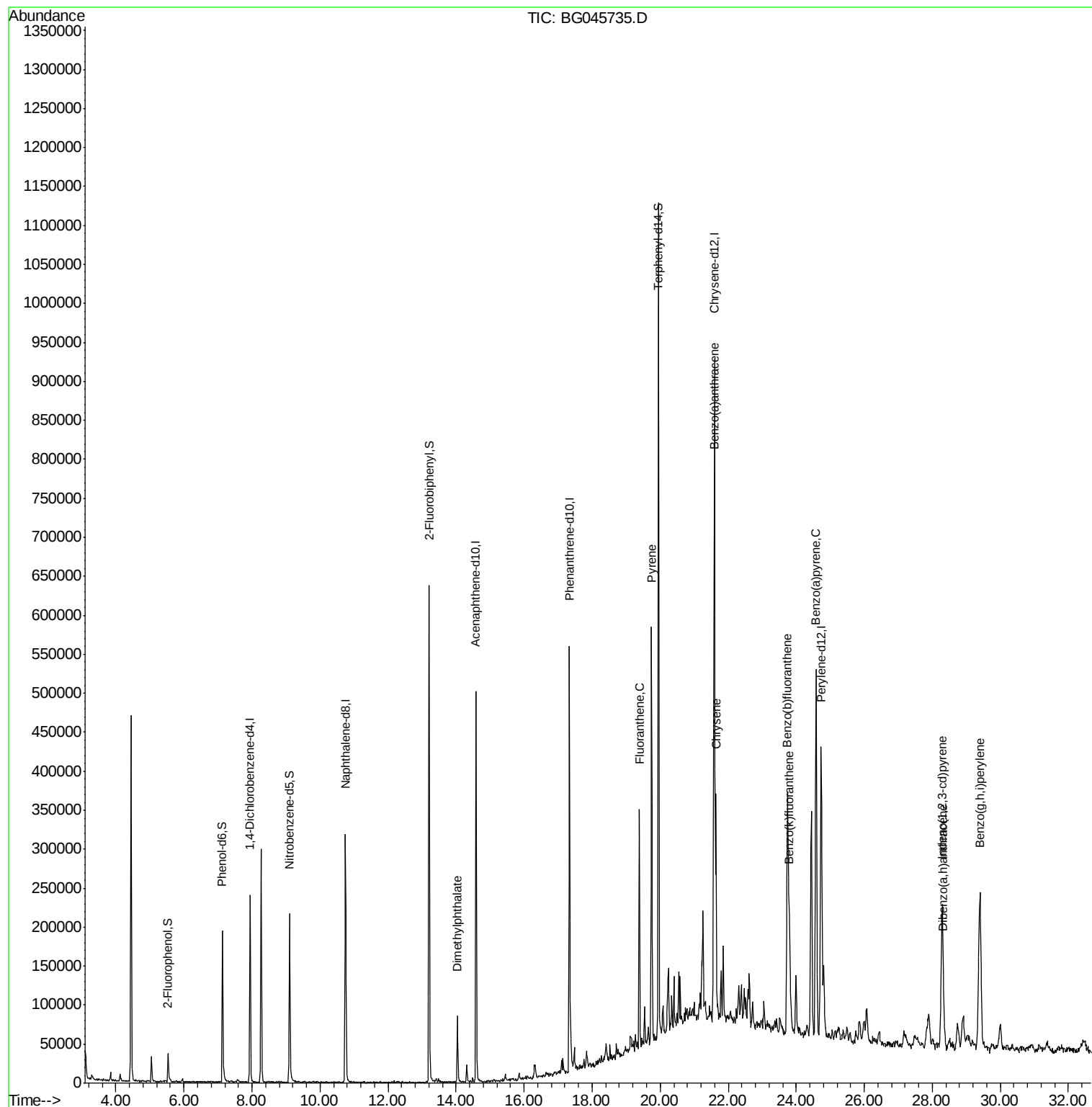
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045735.D
Acq On : 12 Jun 2020 00:21
Operator : CG/JU
Sample : L2973-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

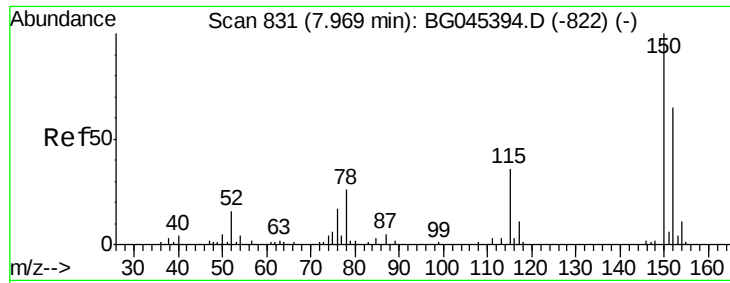
Instrument :
BNA_G
ClientSampleId :
RL-356-RL-212

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Quant Time: Jun 12 03:41:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration





#1

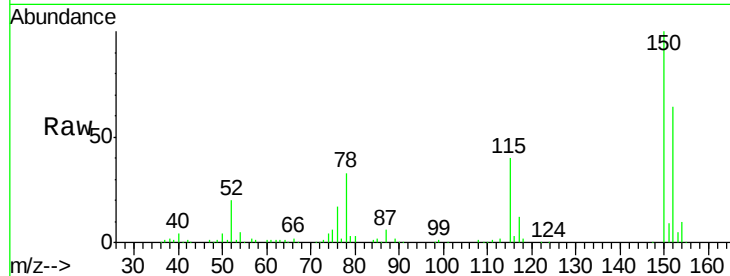
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045735.D
Acq: 12 Jun 2020 00:21

Instrument :
BNA_G
ClientSampleId :
RL-356-RL-212

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.4	183.6
115	63.5	44.2	66.4

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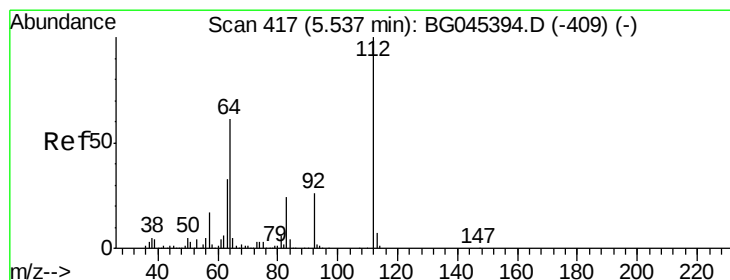
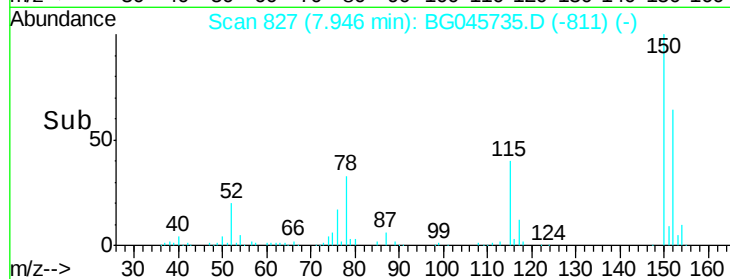
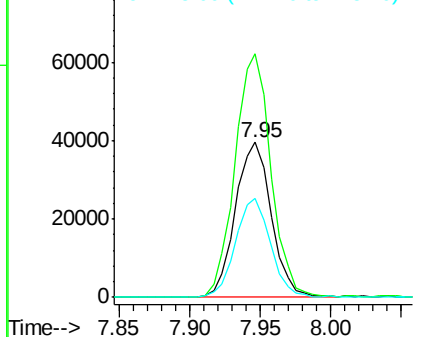


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

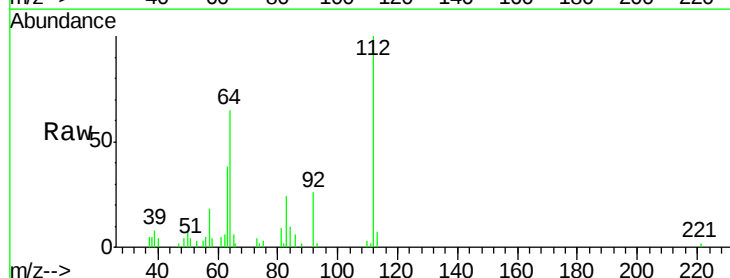
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 5.416 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045735.D
Acq: 12 Jun 2020 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	48.6	72.8
63	37.7	26.5	39.7

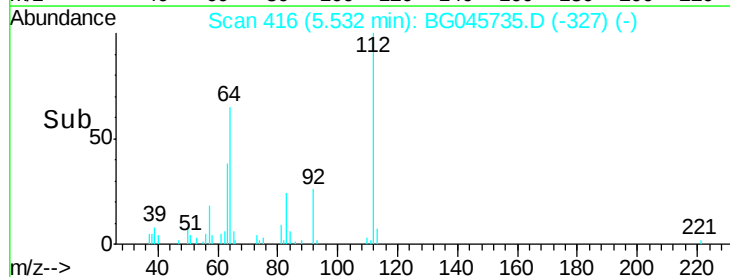
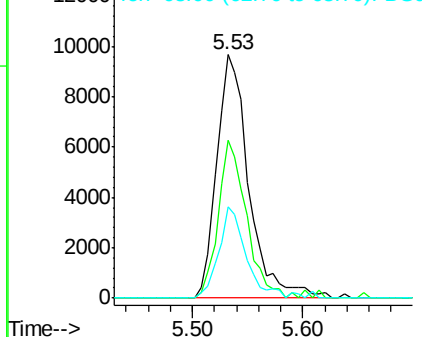


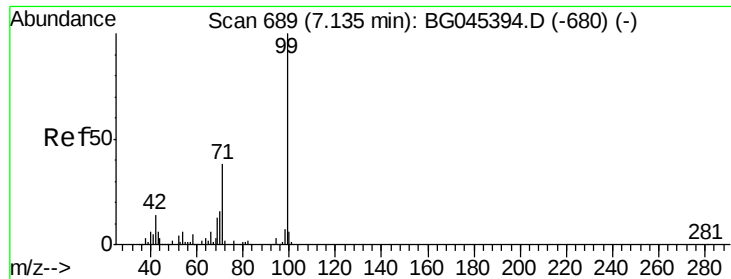
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.412 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045735.D

Acq: 12 Jun 2020 00:21

Instrument :

BNA_G

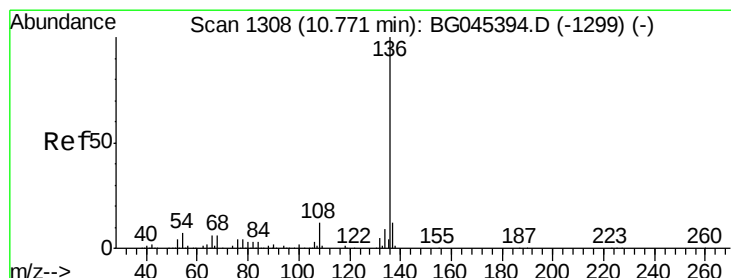
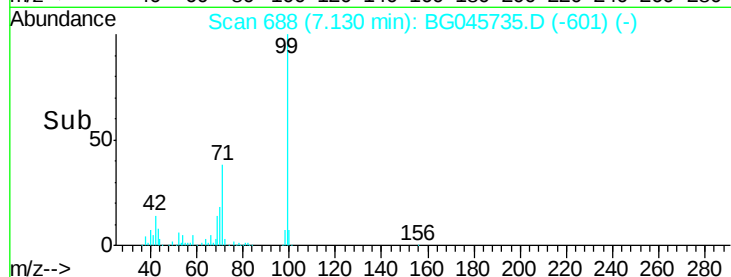
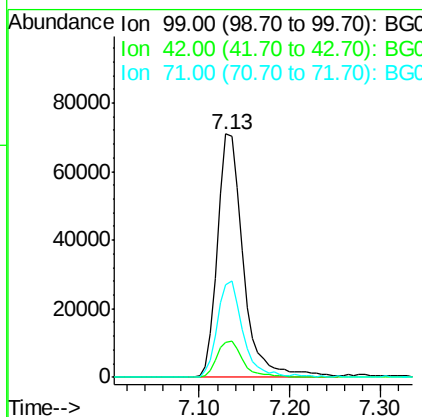
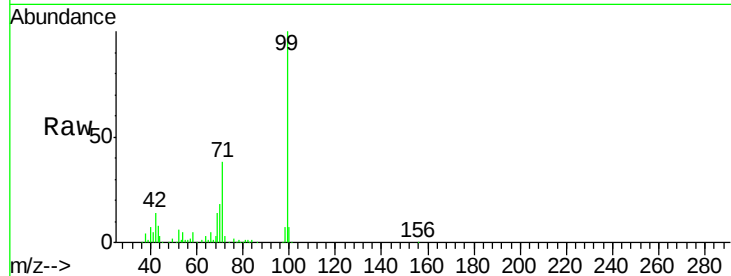
ClientSampleId :

RL-356-RL-212

Tot Ion:	99	Resp:	140628
Ion Ratio	Lower	Upper	
99	100		
42	14.1	11.3	16.9
71	37.8	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

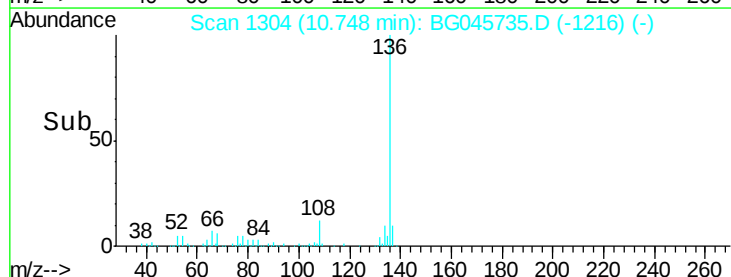
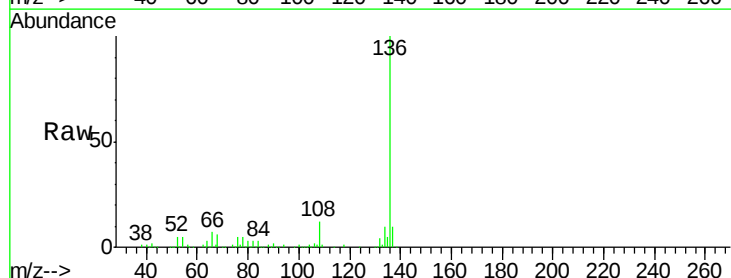
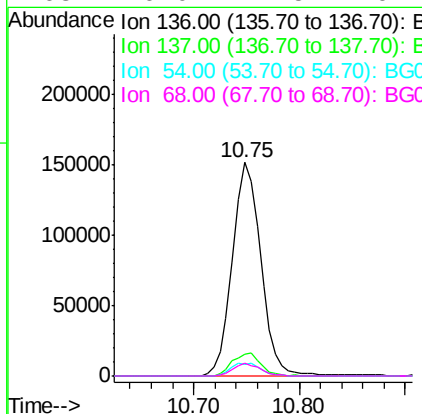
RT: 10.75 min Scan# 1304

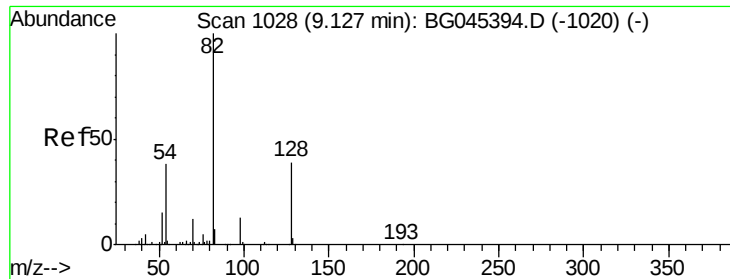
Delta R.T. -0.01 min

Lab File: BG045735.D

Acq: 12 Jun 2020 00:21

Tgt Ion:	136	Resp:	282952
Ion Ratio	Lower	Upper	
136	100		
137	10.0	9.4	14.2
54	5.1	5.8	8.6#
68	6.0	4.5	6.7





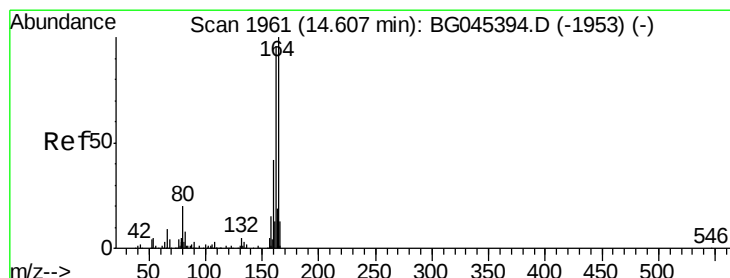
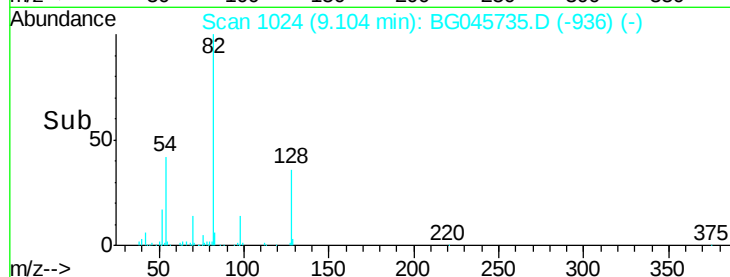
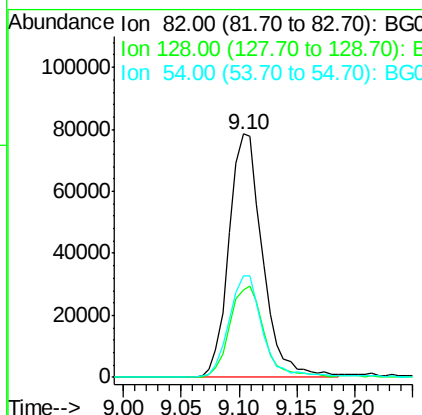
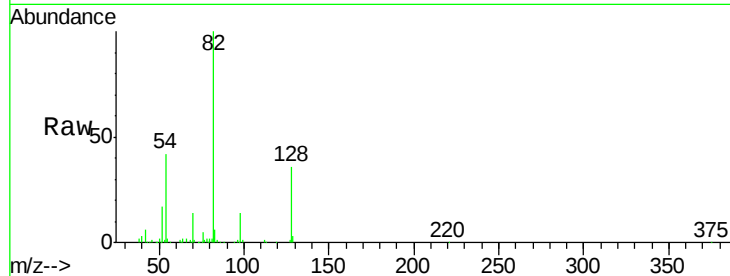
#23
 Nitrobenzene-d5
 Concen: 30.601 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045735.D
 Acq: 12 Jun 2020 00:21

Instrument :
 BNA_G
 ClientSampleId :
 RL-356-RL-212

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	30.9	46.3
54	41.8	30.3	45.5

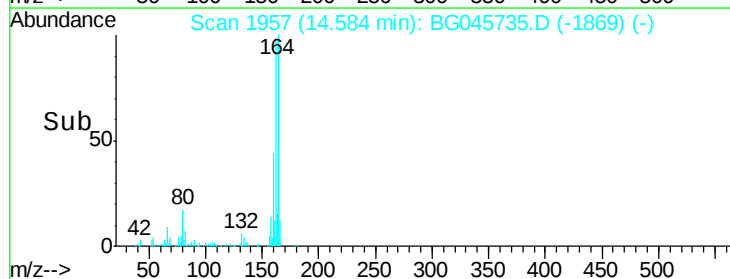
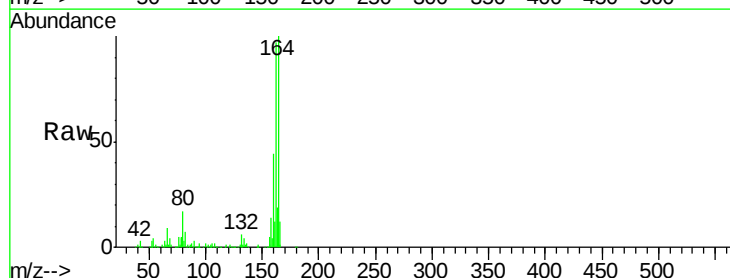
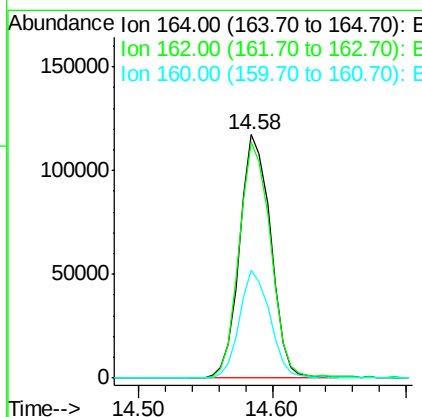
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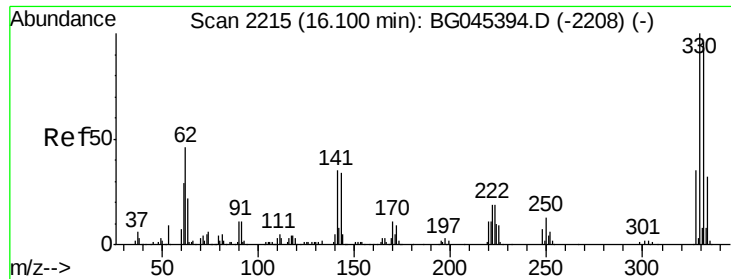
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG045735.D
 Acq: 12 Jun 2020 00:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.7	76.9	115.3
160	44.2	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 0.419 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BG045735.D

Acq: 12 Jun 2020 00:21

Instrument :

BNA_G

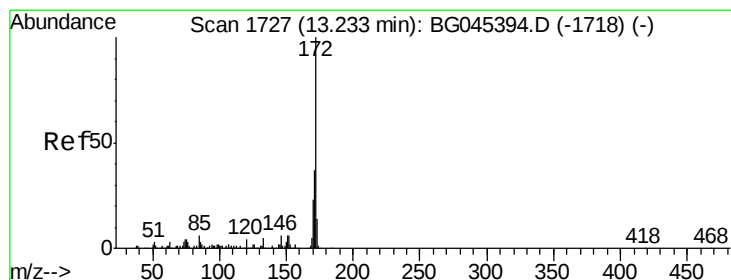
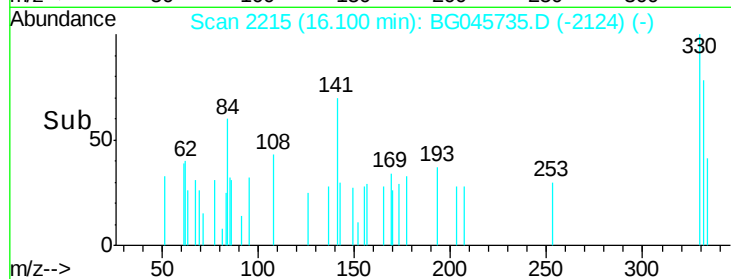
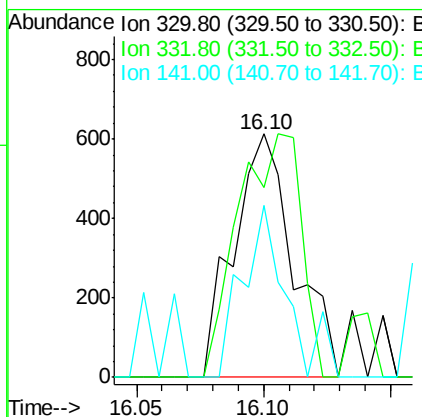
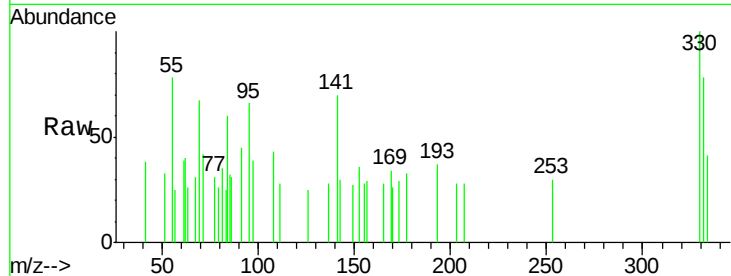
ClientSampleId :

RL-356-RL-212

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.1	78.2	117.4
141	52.2	28.2	42.4

Manual Integrations
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#45

2-Fluorobiphenyl

Concen: 33.508 ng

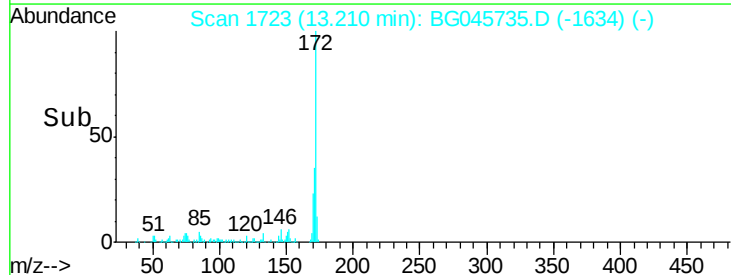
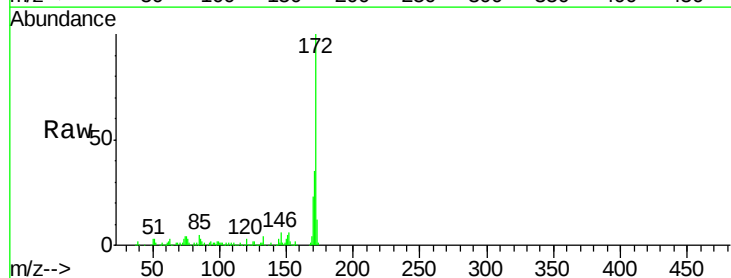
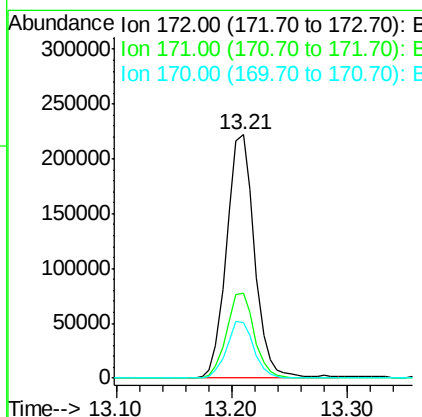
RT: 13.21 min Scan# 1723

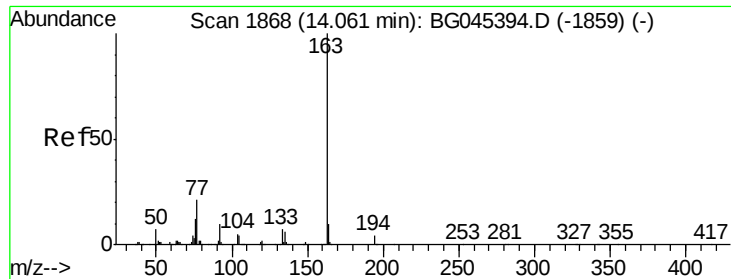
Delta R.T. -0.01 min

Lab File: BG045735.D

Acq: 12 Jun 2020 00:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.5	44.3
170	22.9	18.5	27.7





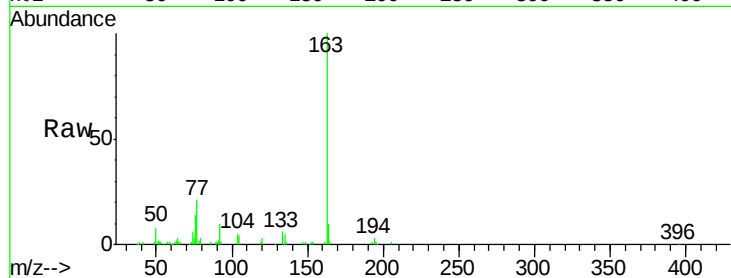
#50
Dimethylphthalate
Concen: 4.851 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BG045735.D
Acq: 12 Jun 2020 00:21

Instrument :
BNA_G
ClientSampleId :
RL-356-RL-212

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.2	4.8#
164	10.3	8.3	12.5

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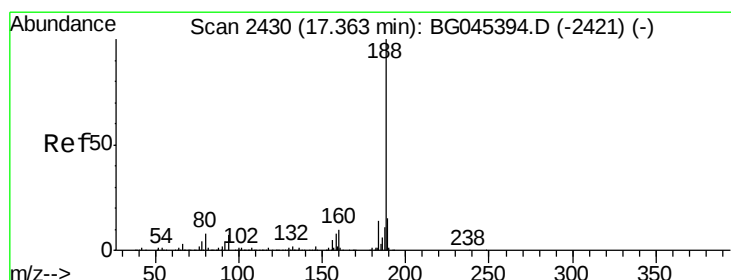
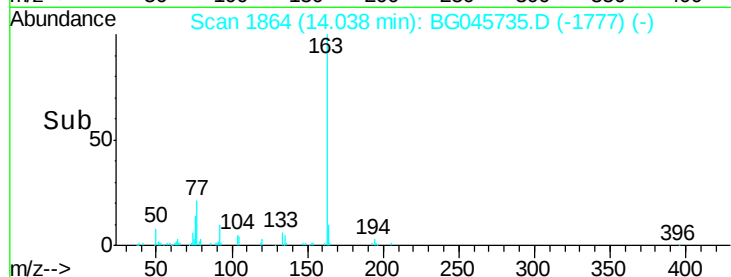
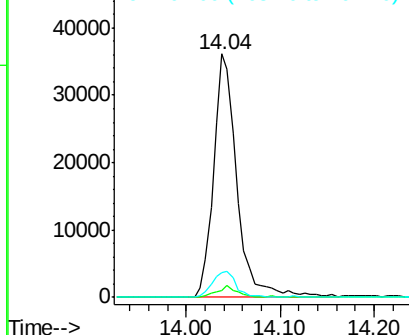


Abundance

Ion 163.00 (162.70 to 163.70): E

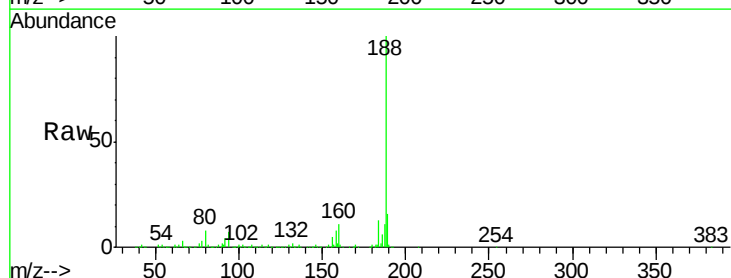
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045735.D
Acq: 12 Jun 2020 00:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.5	8.3
80	8.0	6.6	10.0

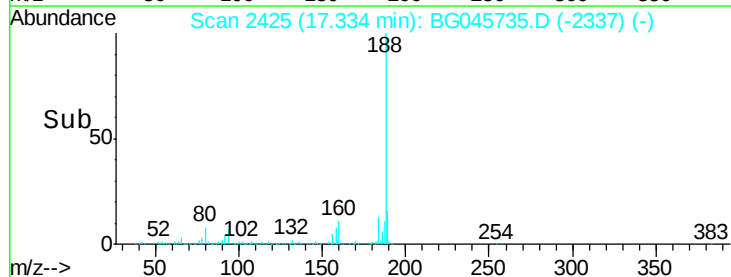
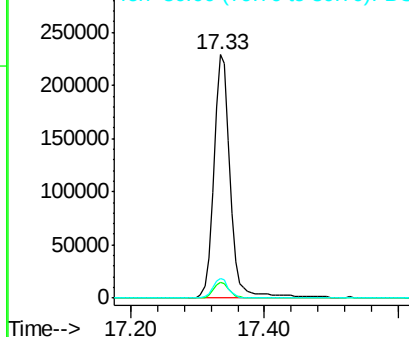


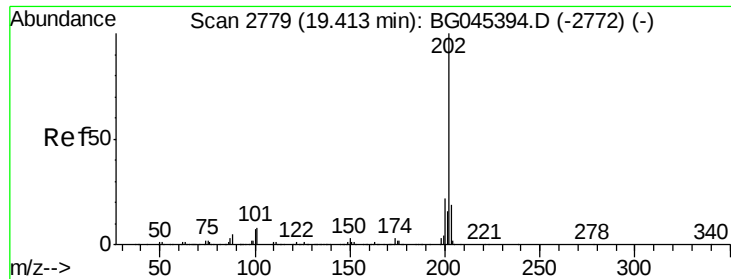
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 8.561 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045735.D

Acq: 12 Jun 2020 00:21

Instrument :

BNA_G

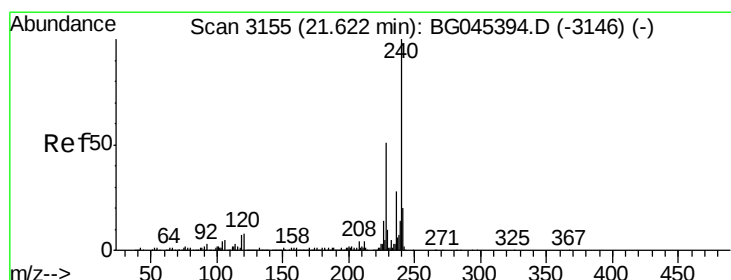
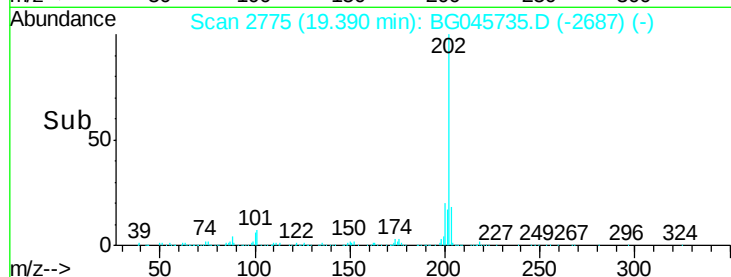
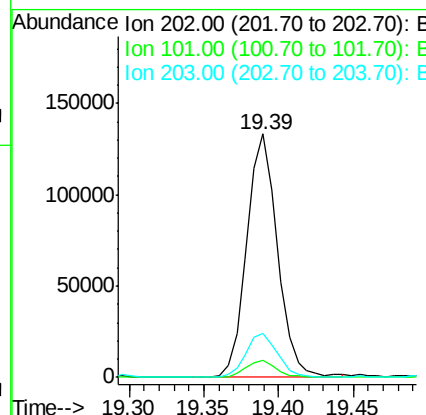
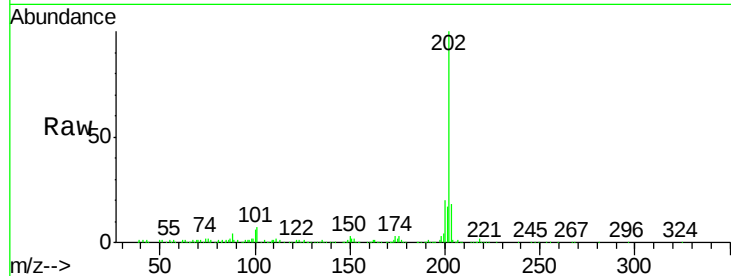
ClientSampleId :

RL-356-RL-212

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		188541		
101	7.2	0.0	28.3		
203	18.1	0.0	39.0		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

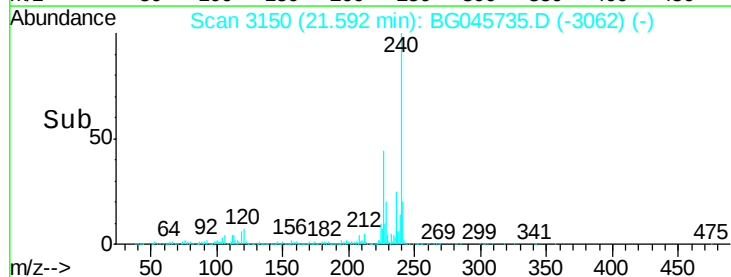
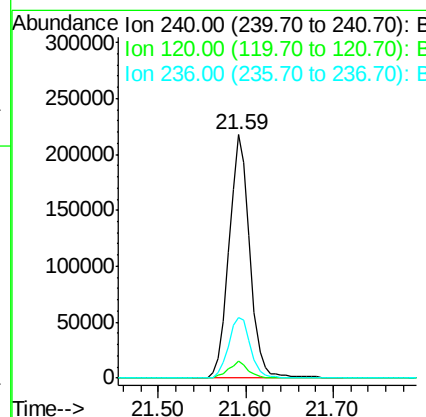
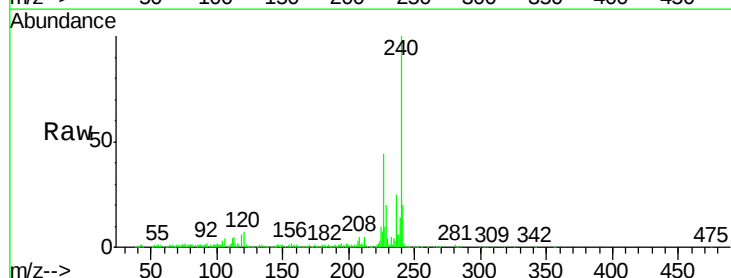
RT: 21.59 min Scan# 3150

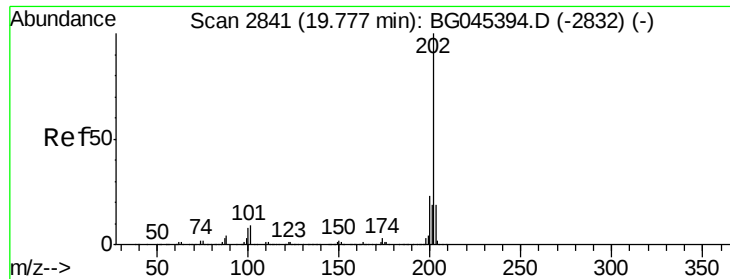
Delta R.T. -0.01 min

Lab File: BG045735.D

Acq: 12 Jun 2020 00:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		354758		
120	6.8	6.1	9.1		
236	25.0	22.3	33.5		





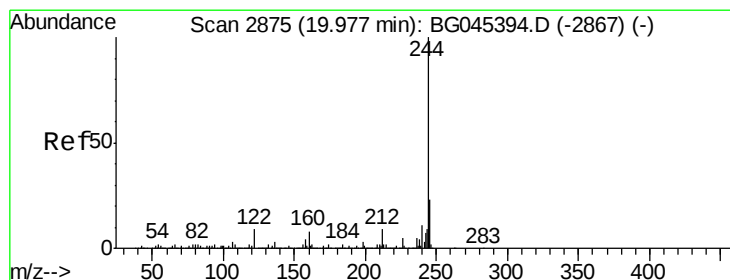
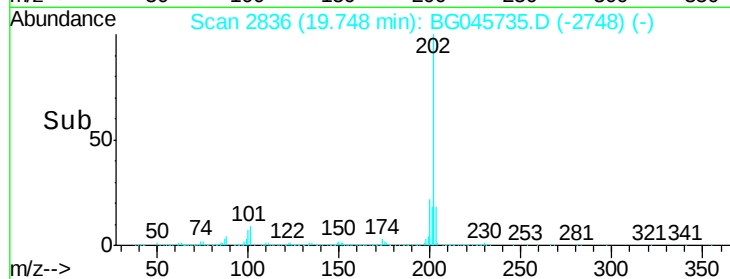
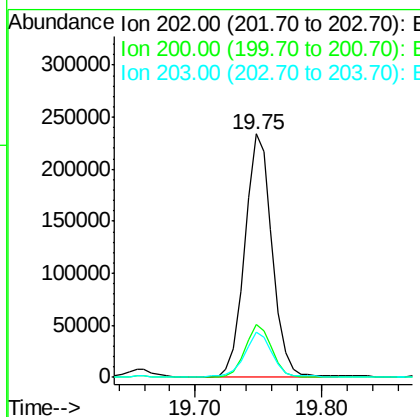
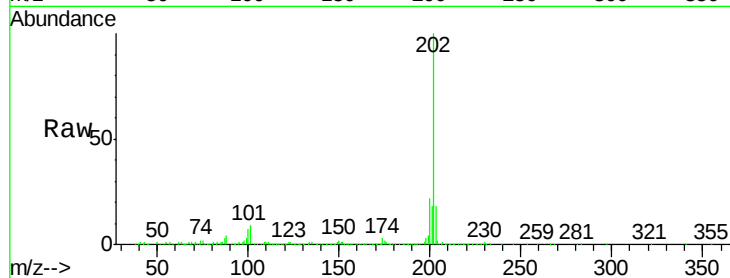
#78
Pvrene
Concen: 17.176 ng
RT: 19.75 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BG045735.D
Acq: 12 Jun 2020 00:21

Instrument :
BNA_G
ClientSampleId :
RL-356-RL-212

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	18.2	27.2
203	18.5	15.1	22.7

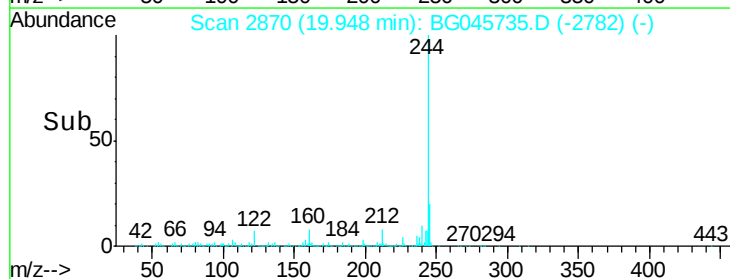
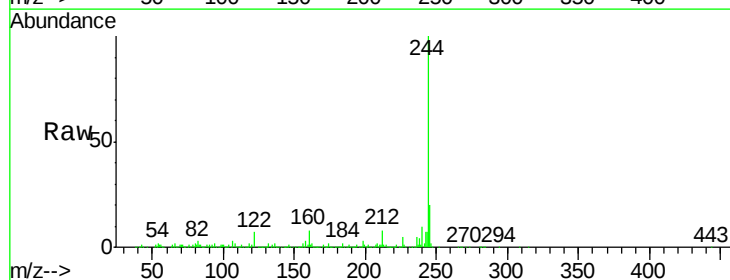
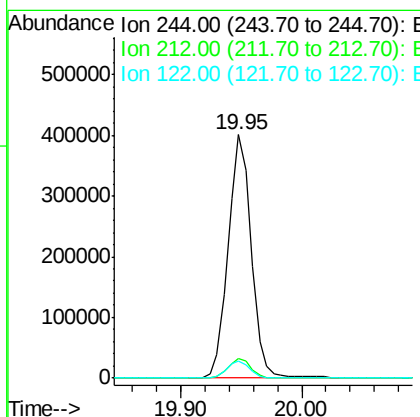
Manual Integrations
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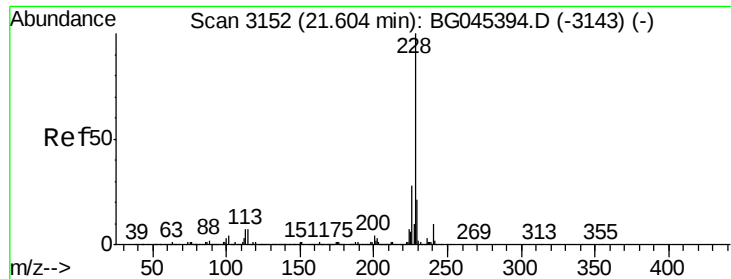
mohammad
6/15/2020 8:44:55 AM



#79
Terphenyl-d14
Concen: 35.160 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BG045735.D
Acq: 12 Jun 2020 00:21

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	7.4	11.0
122	6.8	6.8	10.2





#81

Benzo(a)anthracene

Concen: 11.616 ng m

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045735.D

Acq: 12 Jun 2020 00:21

Instrument :

BNA_G

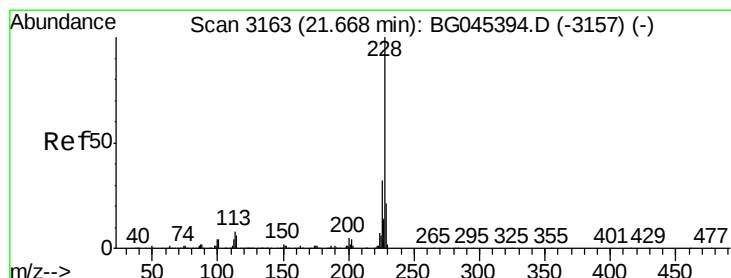
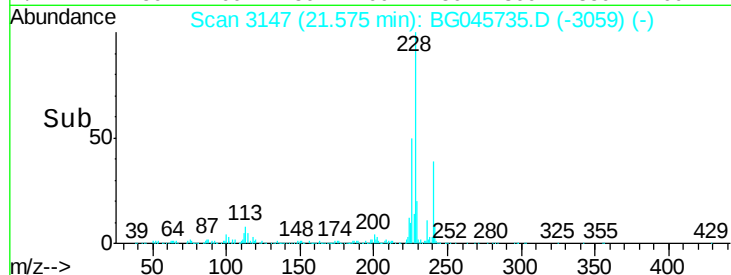
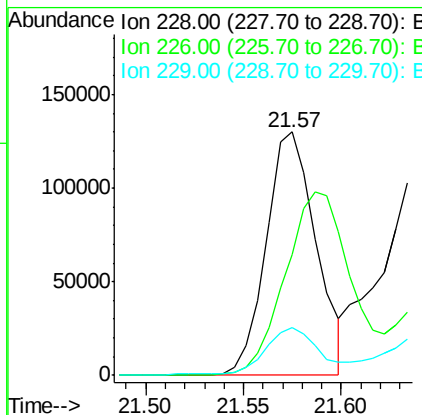
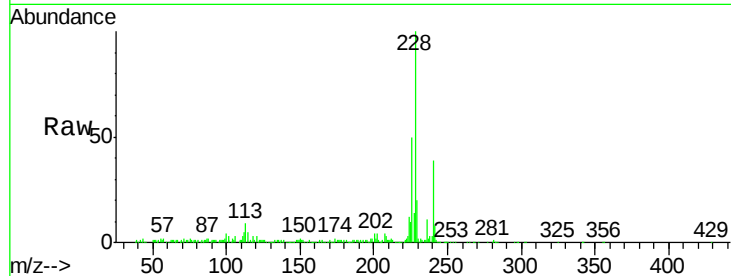
ClientSampleId :

RL-356-RL-212

Tot Ion	Ratio	Lower	Upper
228	100		
226	49.7	22.7	34.1#
229	19.9	16.7	25.1

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#83

Chrysene

Concen: 11.886 ng m

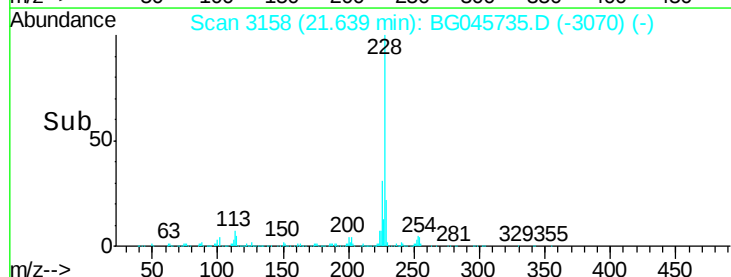
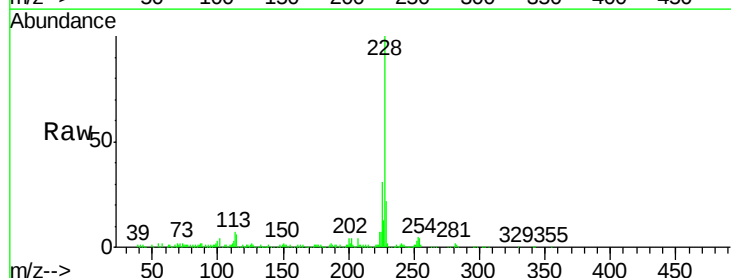
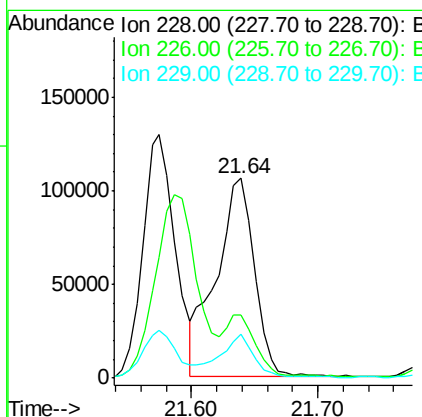
RT: 21.64 min Scan# 3158

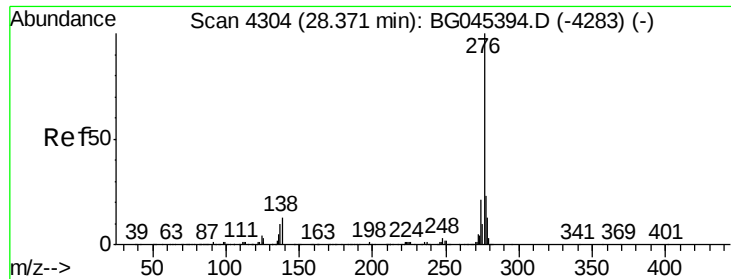
Delta R.T. -0.01 min

Lab File: BG045735.D

Acq: 12 Jun 2020 00:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.2	37.8
229	21.7	16.7	25.1





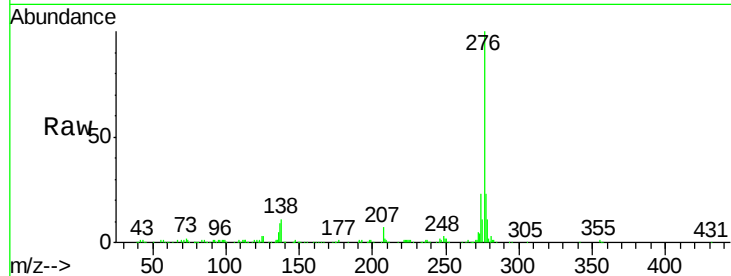
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 13.313 ng
 RT: 28.30 min Scan# 4291
 Delta R.T. -0.03 min
 Lab File: BG045735.D
 Acq: 12 Jun 2020 00:21

Instrument :
 BNA_G
 ClientSampleId :
 RL-356-RL-212

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.9	8.6	12.8
277	23.3	20.2	30.4

Manual Integrations
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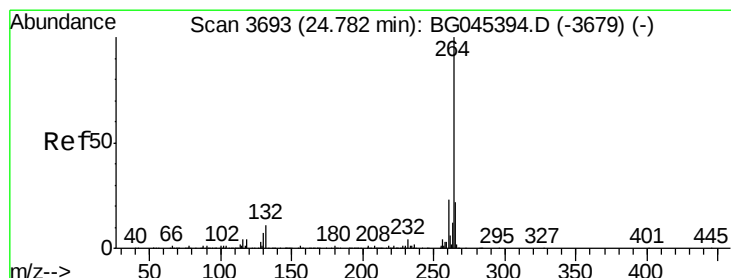
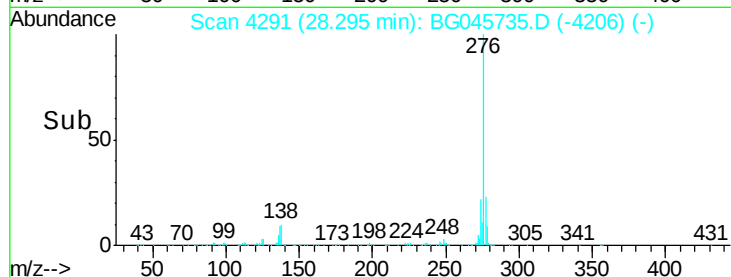
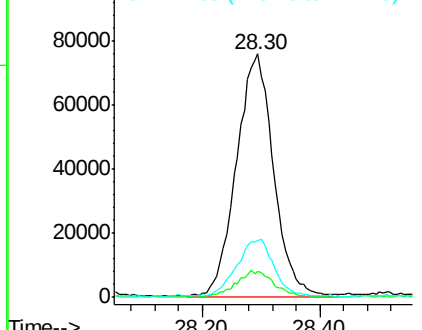


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3685
 Delta R.T. -0.02 min
 Lab File: BG045735.D
 Acq: 12 Jun 2020 00:21

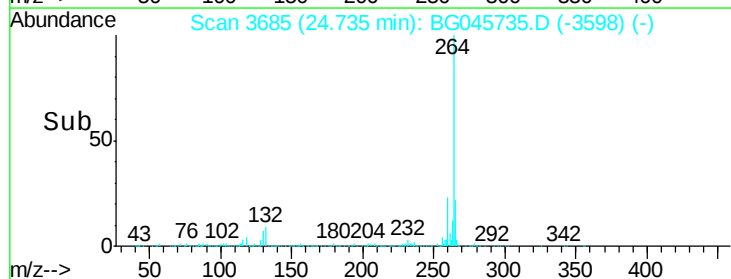
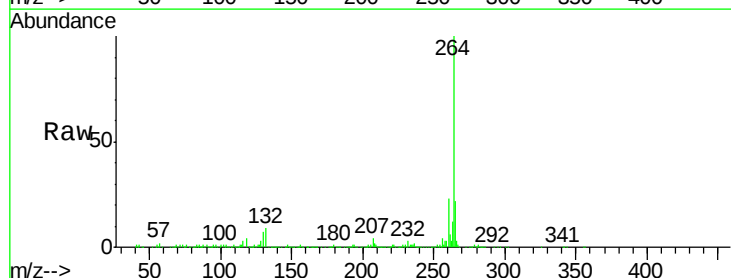
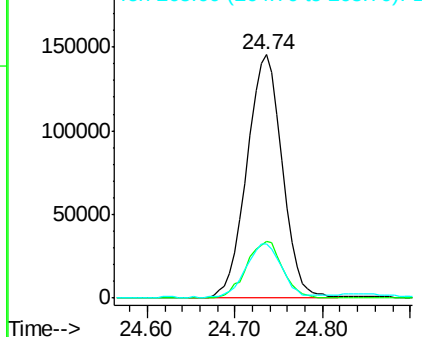
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.0	17.6	26.4

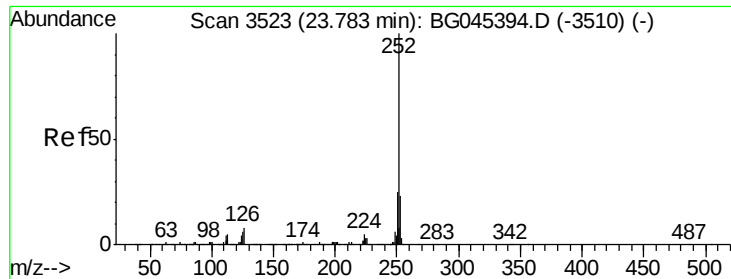
Abundance

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





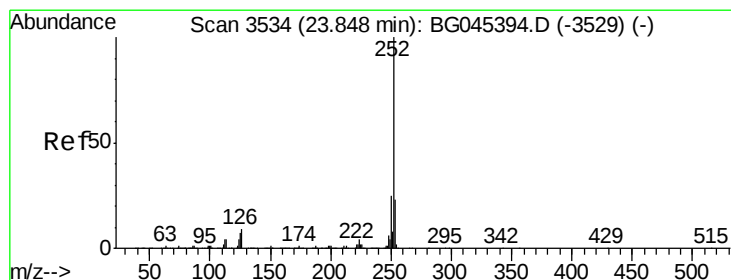
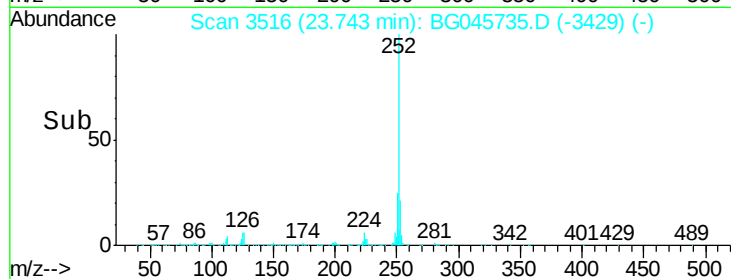
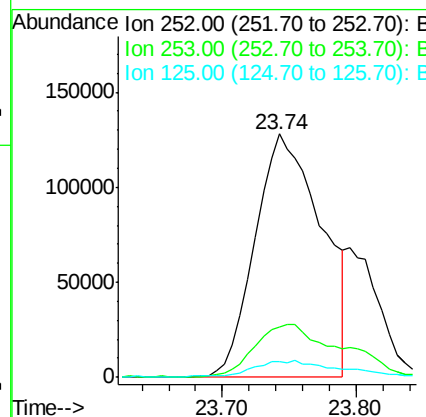
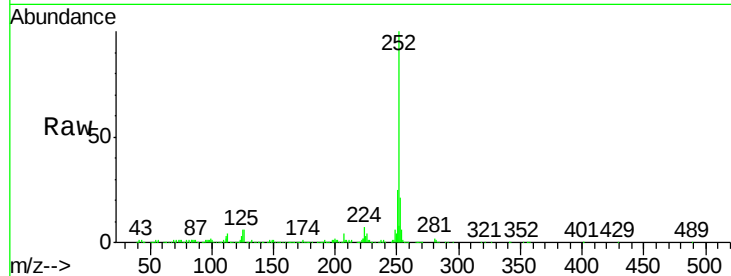
#88
 Benzo(b)fluoranthene
 Concen: 20.510 ng m
 RT: 23.74 min Scan# 3516
 Delta R.T. -0.02 min
 Lab File: BG045735.D
 Acq: 12 Jun 2020 00:21

Instrument :
 BNA_G
 ClientSampleId :
 RL-356-RL-212

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.1	27.1
125	6.3	5.0	7.6

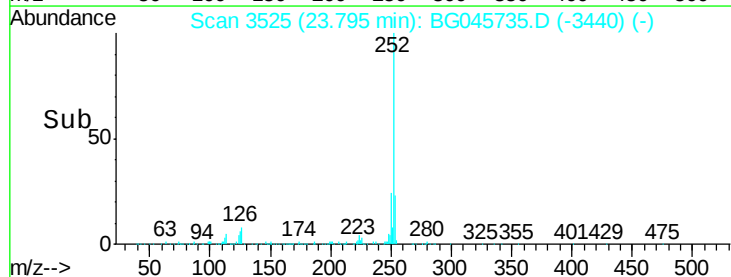
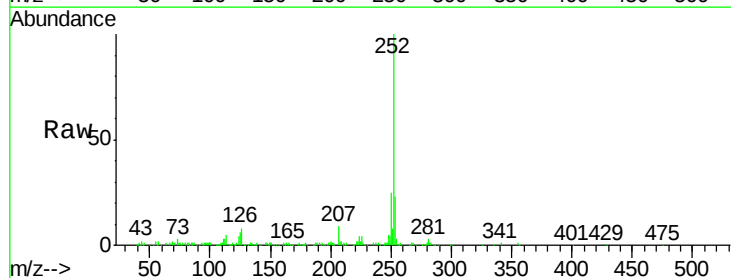
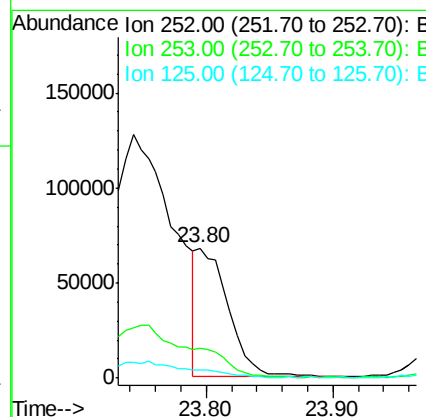
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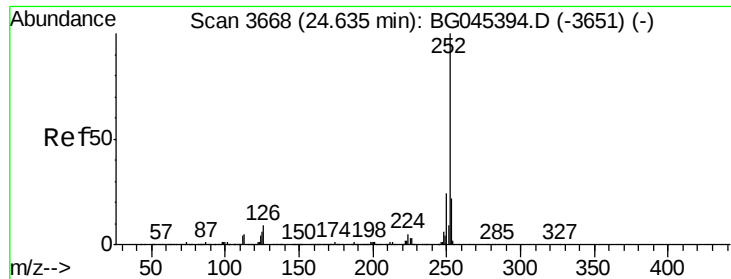
mohammad
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#89
 Benzo(k)fluoranthene
 Concen: 5.608 ng m
 RT: 23.80 min Scan# 3525
 Delta R.T. -0.03 min
 Lab File: BG045735.D
 Acq: 12 Jun 2020 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.3	5.7	8.5





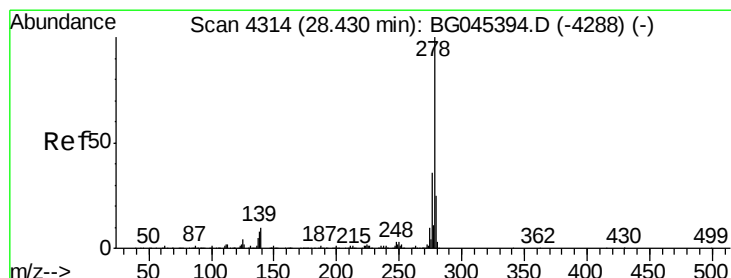
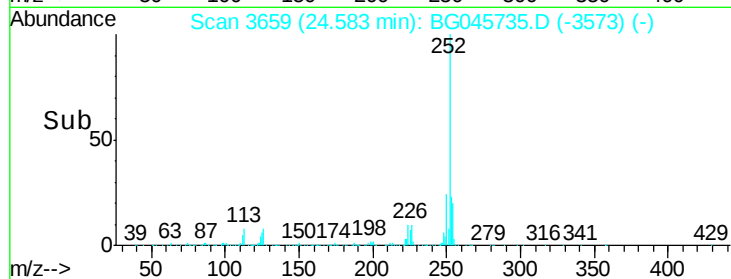
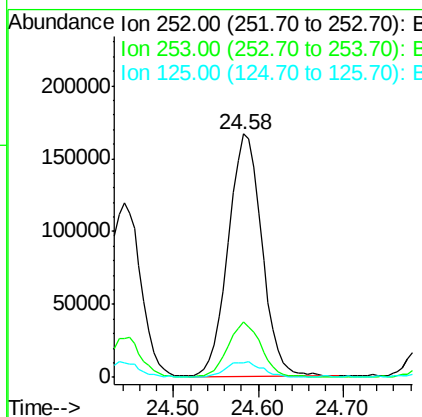
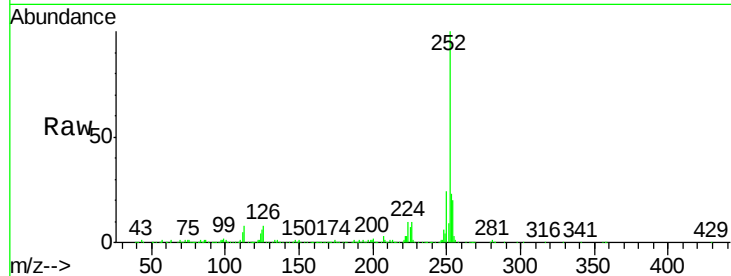
#90
Benzo(a)pyrene
Concen: 22.751 ng
RT: 24.58 min Scan# 3659
Delta R.T. -0.02 min
Lab File: BG045735.D
Acq: 12 Jun 2020 00:21

Instrument :
BNA_G
ClientSampleId :
RL-356-RL-212

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	6.0	5.0	7.6

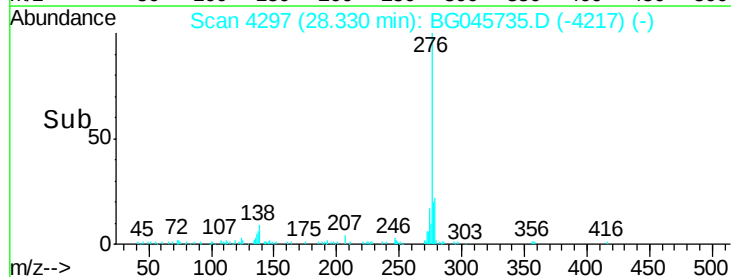
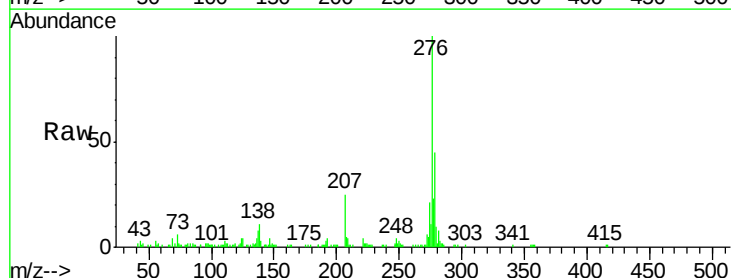
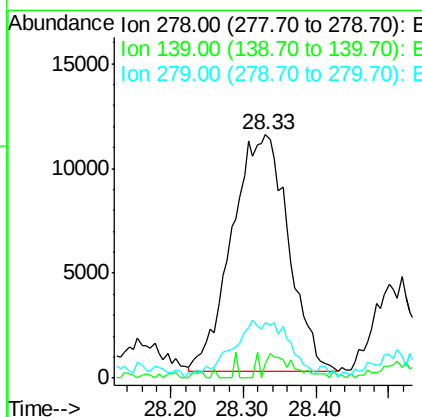
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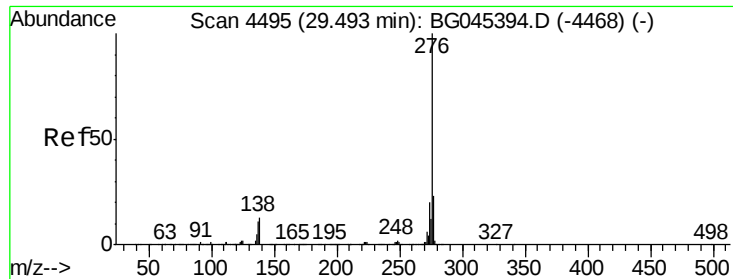
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 3.036 ng
RT: 28.33 min Scan# 4297
Delta R.T. -0.06 min
Lab File: BG045735.D
Acq: 12 Jun 2020 00:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	5.9	7.8	11.8#
279	22.7	19.8	29.8





#92

Benzo(a,h,i)perylene

Concen: 21.410 ng

RT: 29.41 min Scan# 4480

Delta R.T. -0.03 min

Lab File: BG045735.D

Acq: 12 Jun 2020 00:21

Instrument :

BNA_G

ClientSampleId :

RL-356-RL-212

Tot Ion:	276	Resp:	432248
Ion Ratio		Lower	Upper
276	100		
277	21.9	18.1	27.1
138	10.3	10.2	15.4

Manual Integrations
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mohammad
6/15/2020 8:44:55 AM

