

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049480.D
 Acq On : 26 Jul 2021 15:55
 Operator : CG/JU
 Sample : M3082-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0007

Manual Integrations
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Quant Time: Jul 26 16:41:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	22996	20.000	ng/ul	0.00
20) Naphthalene-d8	10.866	136	91139	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.696	164	63000	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	135020	20.000	ng/ul	0.00
79) Chrysene-d12	21.728	240	127462	20.000	ng/ul	0.00
88) Perylene-d12	25.011	264	142085	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	1263m	2.513	ng/uL	0.00
4) Pyridine-d5	3.875	84	11688	8.096	ng/ul	0.02
7) Phenol-d5	7.200	99	31858	15.658	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.370	67	19005	16.493	ng/ul	0.00
11) 2-Chlorophenol-d4	7.576	132	24376	16.714	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	26027	16.971	ng/ul	0.00
21) Nitrobenzene-d5	9.221	128	11972	17.086	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	13465	16.399	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	24208	16.210	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	22783	10.947	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	78700	16.308	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	93452	16.672	ng/ul	0.00
54) 4-Nitrophenol-d4	14.890	143	10592	13.328	ng/ul	0.00
60) Fluorene-d10	15.689	176	68693	16.523	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.800	200	9050	10.817	ng/ul	0.00
73) Anthracene-d10	17.545	188	107574	17.142	ng/ul	0.00
81) Pyrene-d10	19.830	212	115564	17.731	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.782	264	107999	14.462	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.919	128	10716	2.283	ng/ul	100
36) 2-Methylnaphthalene	12.522	142	8034	2.338	ng/ul	94
37) 1-Methylnaphthalene	12.740	142	6164	1.775	ng/ul#	85
50) Acenaphthylene	14.420	152	7464	1.394	ng/ul	96
56) Dibenzofuran	15.095	168	6099	1.177	ng/ul	99
61) Fluorene	15.742	166	10401	2.363	ng/ul#	93
72) Phenanthrene	17.486	178	162903	23.176	ng/ul	98
74) Anthracene	17.580	178	47993	6.738	ng/ul	97
80) Fluoranthene	19.501	202	286006	36.140	ng/ul	99
82) Pyrene	19.859	202	227138	28.908	ng/ul	100
85) Benzo(a)anthracene	21.710	228	131732m	16.904	ng/ul	
87) Chrysene	21.775	228	114002	15.284	ng/ul	96
90) Benzo(b)fluoranthene	23.966	252	149612	16.800	ng/ul#	98
91) Benzo(k)fluoranthene	24.024	252	52685m	6.045	ng/ul	
93) Benzo(a)pyrene	24.847	252	96058m	12.433	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.747	276	73577m	7.464	ng/ul	
95) Dibenzo(a,h)anthracene	28.789	278	23710m	2.907	ng/ul	
96) Benzo(g,h,i)perylene	29.905	276	11572m	1.412	ng/ul	

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

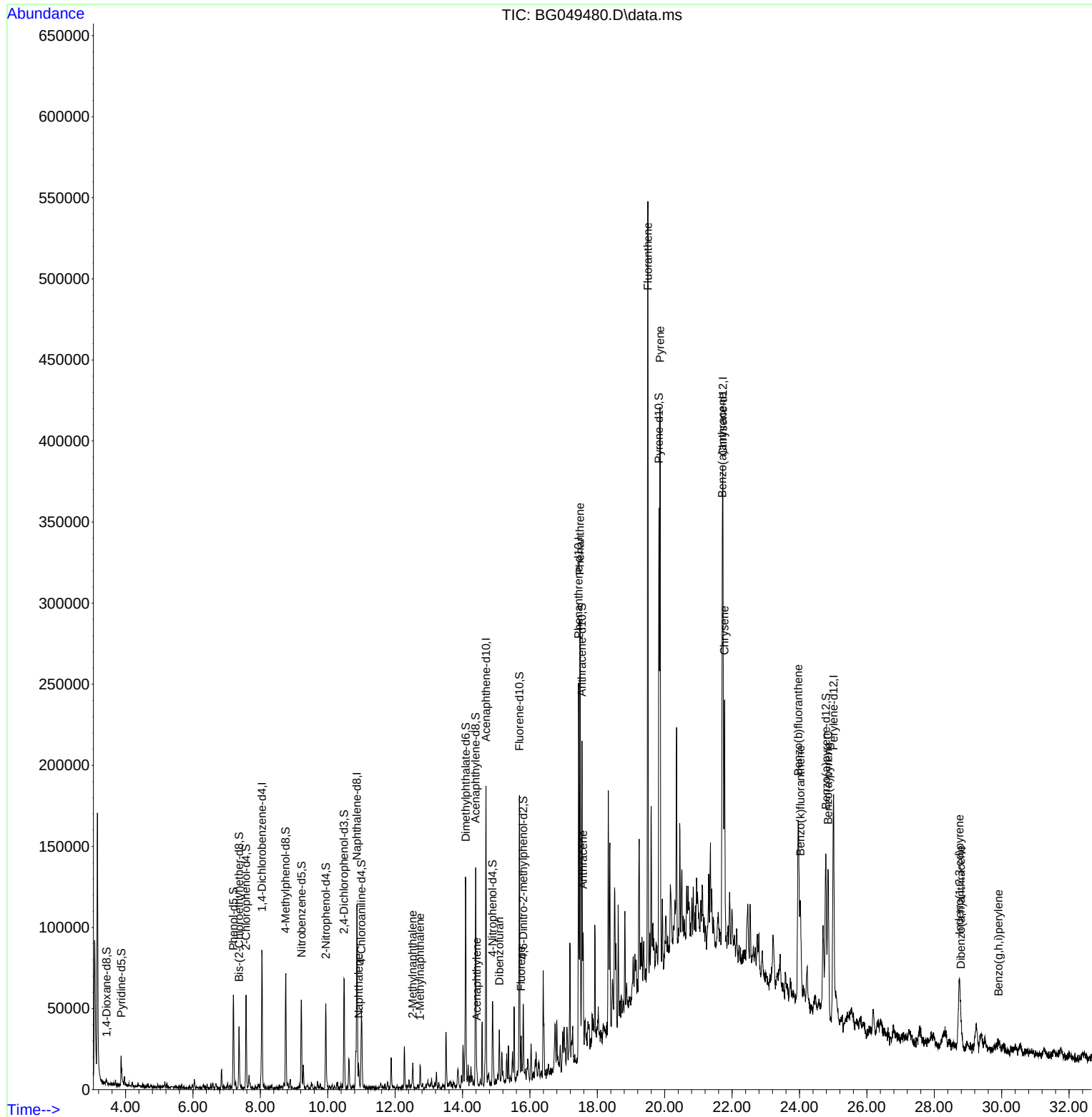
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049480.D
Acq On : 26 Jul 2021 15:55
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

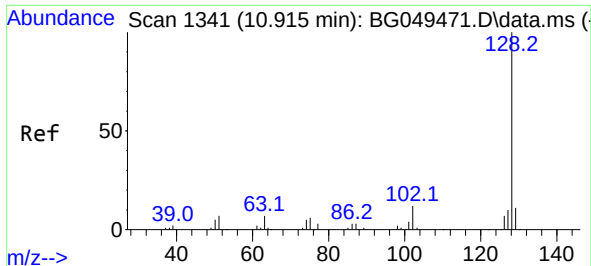
Instrument :
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ClientSampleId :
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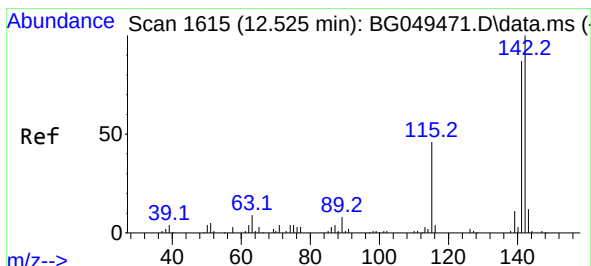
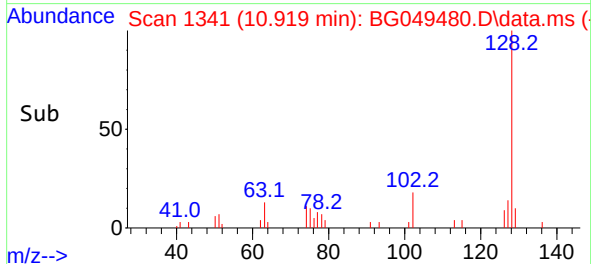
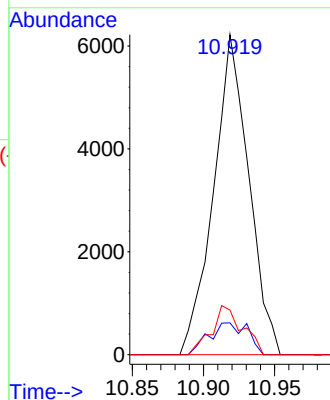
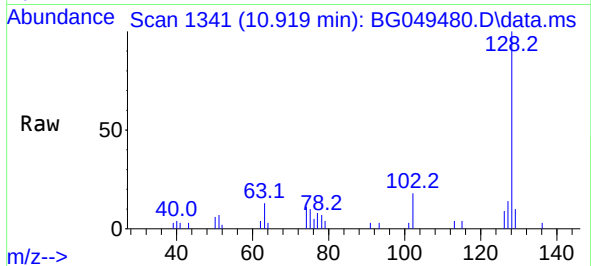
#30
Naphthalene
Concen: 2.283 ng/ul
RT: 10.919 min Scan# 1341
Delta R.T. 0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	7.8	11.8
127	14.0	11.0	16.6

Instrument :
BNA_G
ClientSampled :
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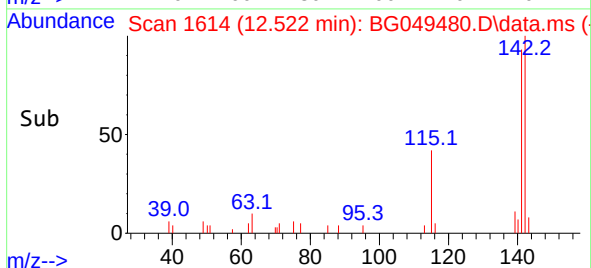
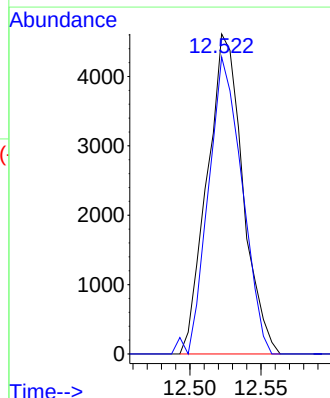
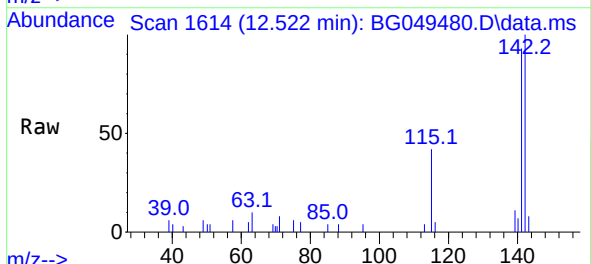
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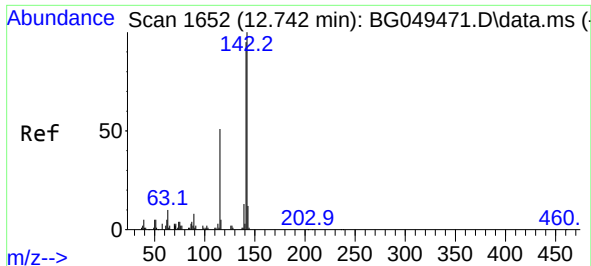
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#36
2-Methylnaphthalene
Concen: 2.338 ng/ul
RT: 12.522 min Scan# 1614
Delta R.T. -0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	69.9	104.9





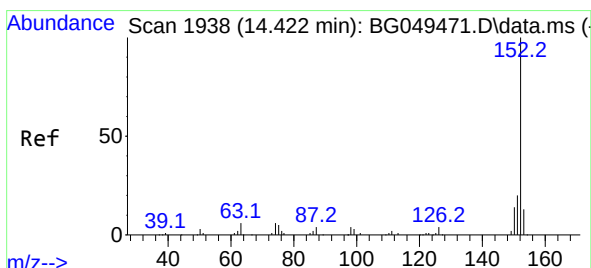
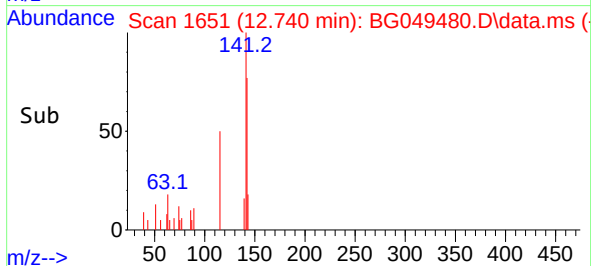
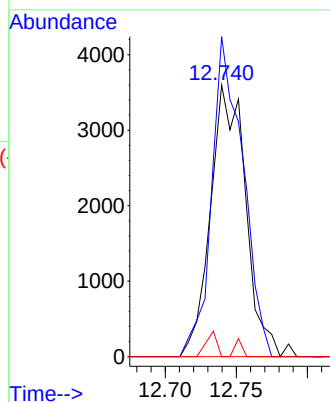
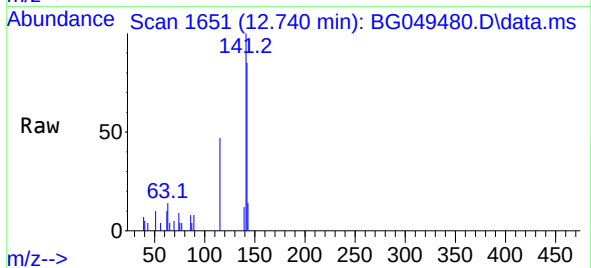
#37
1-Methylnaphthalene
Concen: 1.775 ng/ul
RT: 12.740 min Scan# 1651
Delta R.T. -0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

Tgt Ion:142 Resp: 6164
Ion Ratio Lower Upper
142 100
141 117.8 82.1 123.1
116 0.0 3.8 5.6#

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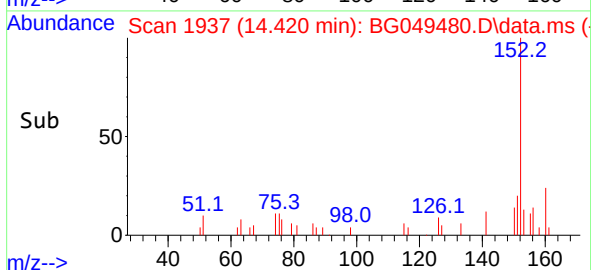
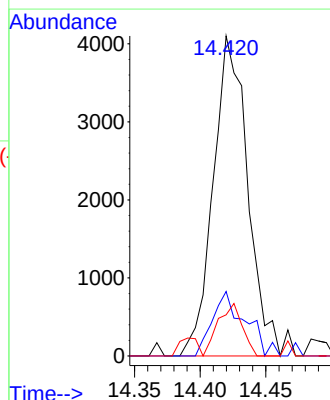
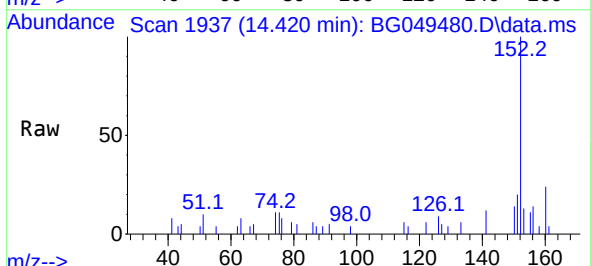
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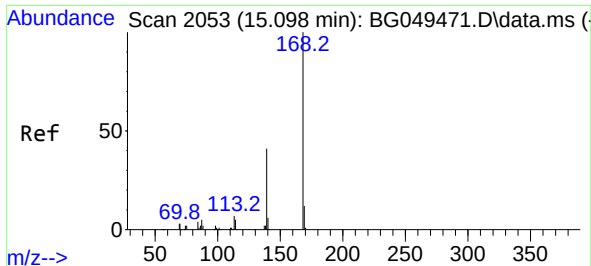
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#50
Acenaphthylene
Concen: 1.394 ng/ul
RT: 14.420 min Scan# 1937
Delta R.T. 0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

Tgt Ion:152 Resp: 7464
Ion Ratio Lower Upper
152 100
151 20.1 14.4 21.6
153 12.9 9.5 14.3





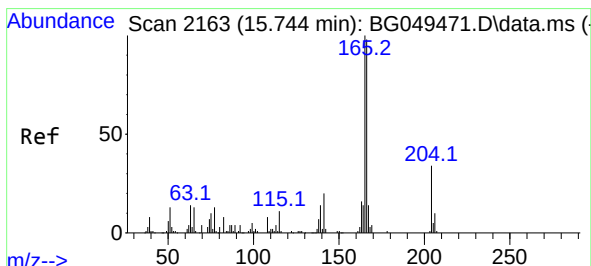
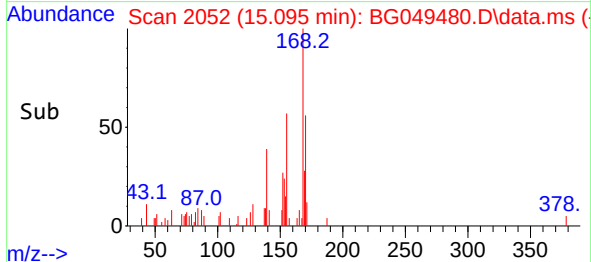
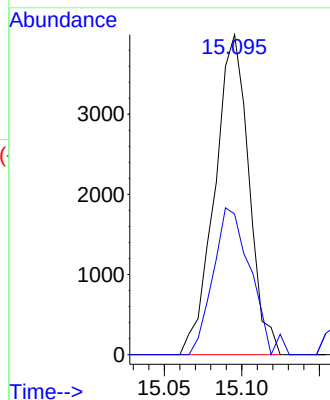
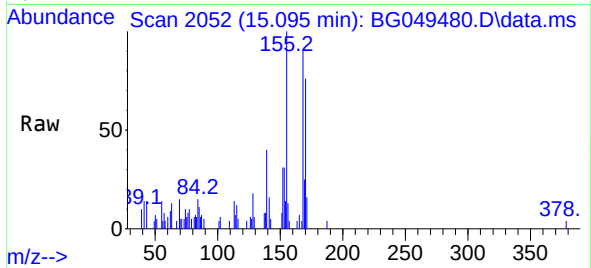
#56
Dibenzofuran
Concen: 1.177 ng/ul
RT: 15.095 min Scan# 2052
Delta R.T. 0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

Tgt Ion:168 Resp: 6099
Ion Ratio Lower Upper
168 100
139 44.0 35.5 53.3

Instrument :
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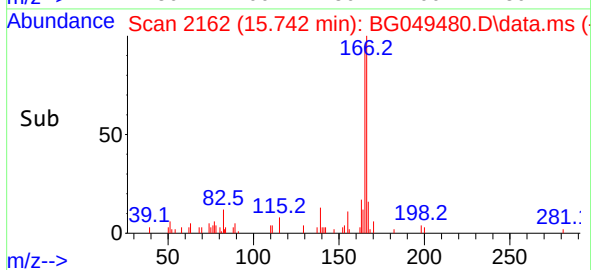
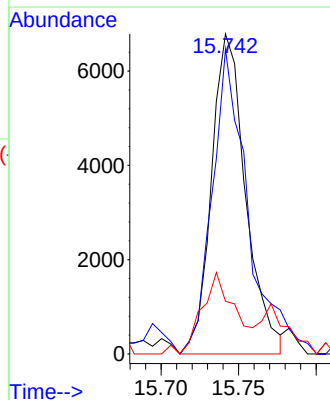
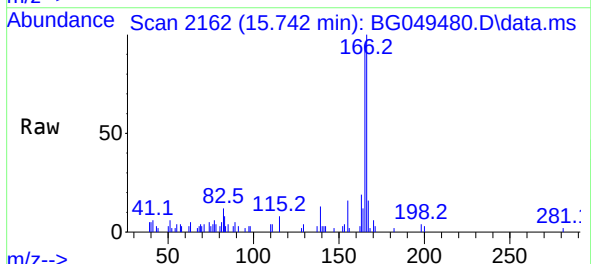
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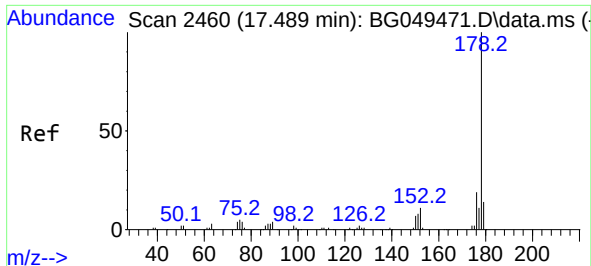
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#61
Fluorene
Concen: 2.363 ng/ul
RT: 15.742 min Scan# 2162
Delta R.T. -0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

Tgt Ion:166 Resp: 10401
Ion Ratio Lower Upper
166 100
165 95.3 81.8 122.8
167 16.4 11.0 16.4#





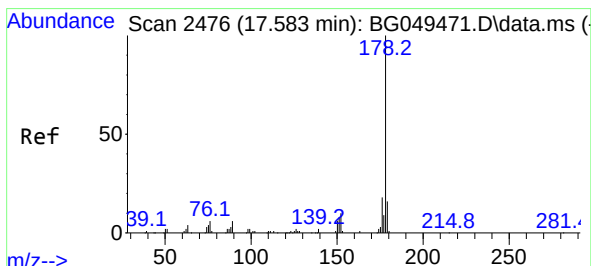
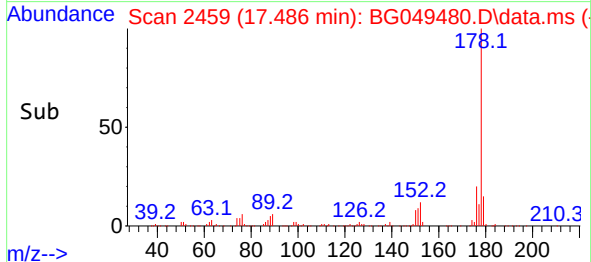
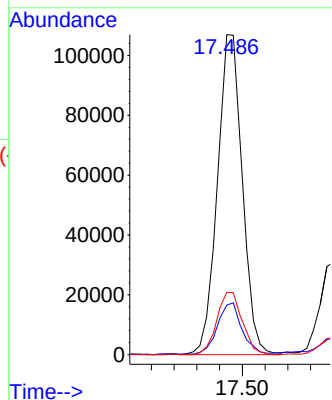
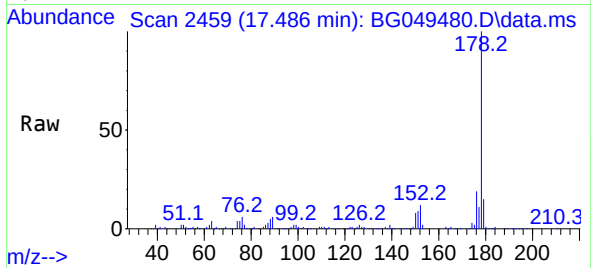
#72
Phenanthrene
Concen: 23.176 ng/u1
RT: 17.486 min Scan# 2459
Delta R.T. -0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

Instrument :
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ClientSampled :
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Tgt Ion:178 Resp: 162903
Ion Ratio Lower Upper
178 100
179 15.5 13.2 19.8
176 19.5 15.0 22.6

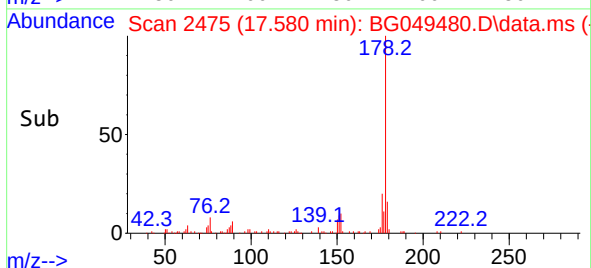
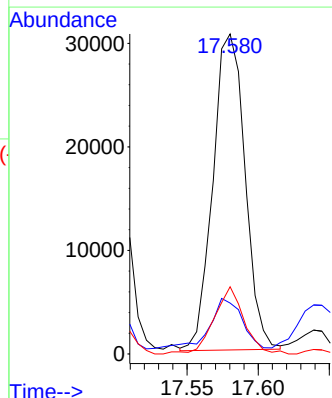
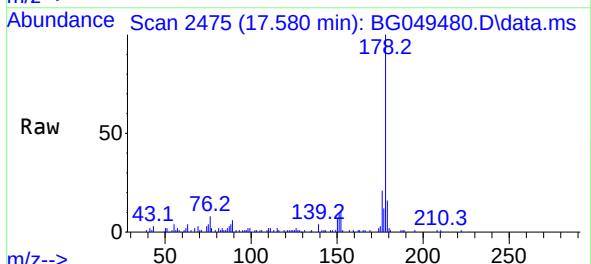
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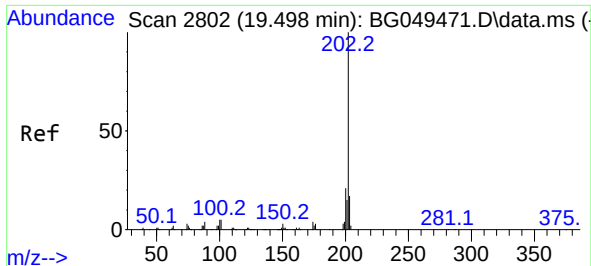
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#74
Anthracene
Concen: 6.738 ng/u1
RT: 17.580 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

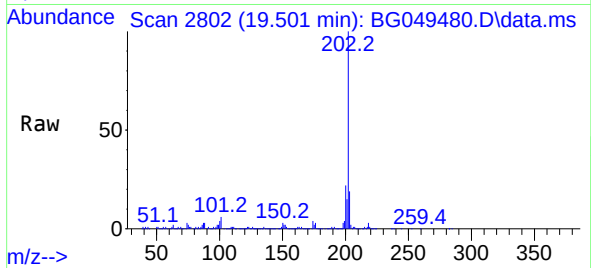
Tgt Ion:178 Resp: 47993
Ion Ratio Lower Upper
178 100
179 15.9 12.0 18.0
176 21.0 15.6 23.4





#80
Fluoranthene
Concen: 36.140 ng/u1
RT: 19.501 min Scan# 2802
Delta R.T. 0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

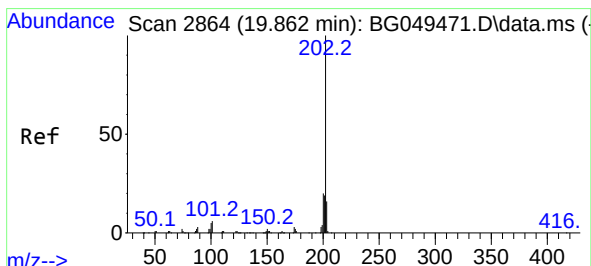
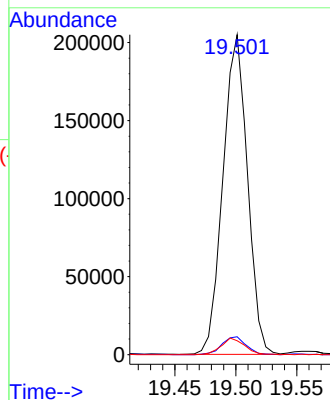
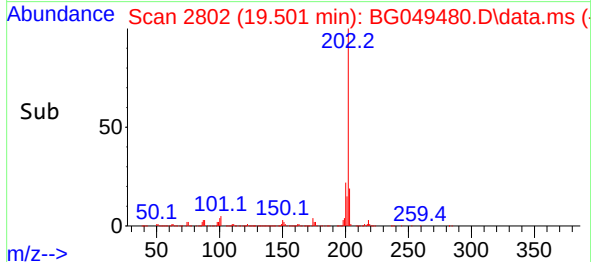
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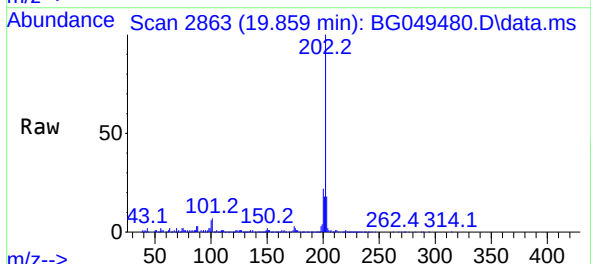
Tgt Ion:202 Resp: 286006
Ion Ratio Lower Upper
202 100
101 5.6 4.3 6.5
100 4.4 3.8 5.6

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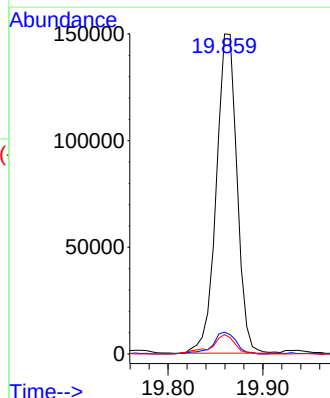
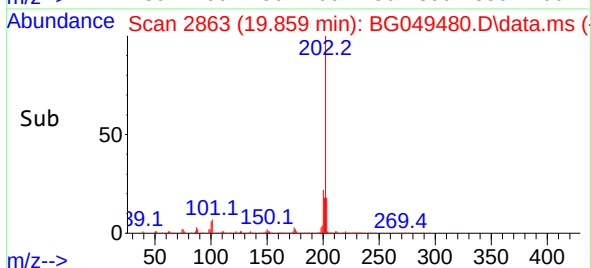
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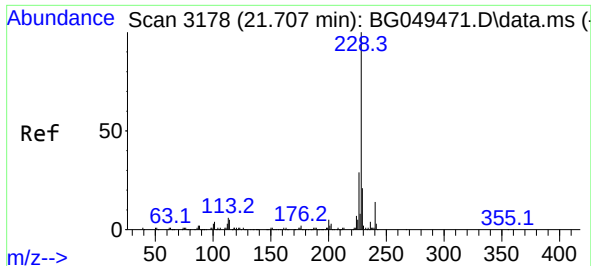


#82
Pyrene
Concen: 28.908 ng/u1
RT: 19.859 min Scan# 2863
Delta R.T. -0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55



Tgt Ion:202 Resp: 227138
Ion Ratio Lower Upper
202 100
101 6.8 5.3 7.9
100 6.0 4.7 7.1





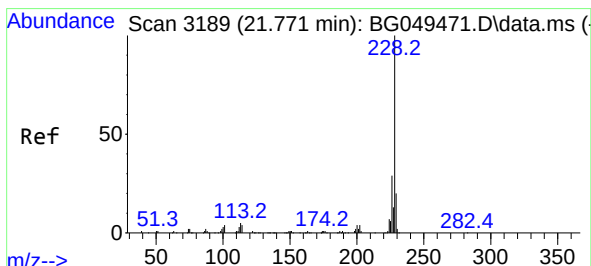
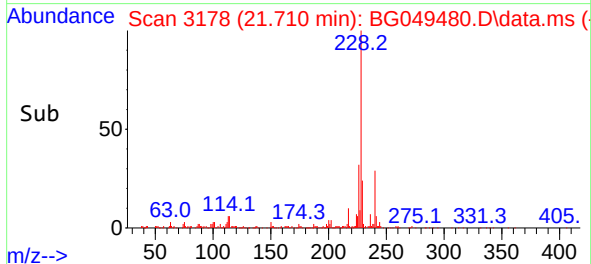
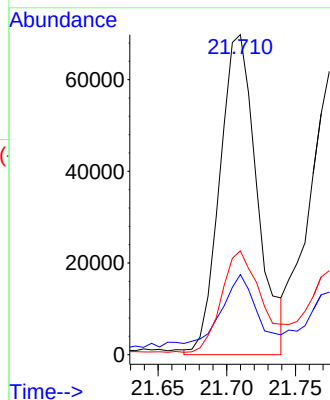
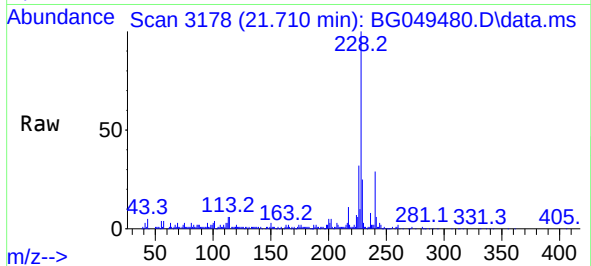
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Benzo(a)anthracene
Concen: 16.904 ng/ul m
RT: 21.710 min Scan# 3178
Delta R.T. 0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

Tgt Ion:228 Resp: 131732
Ion Ratio Lower Upper
228 100
229 25.1 15.4 23.2#
226 32.5 21.1 31.7#

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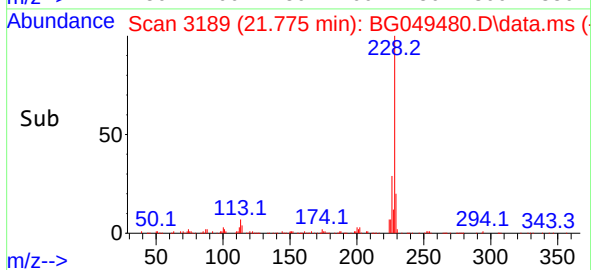
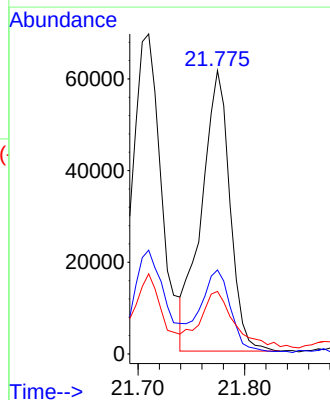
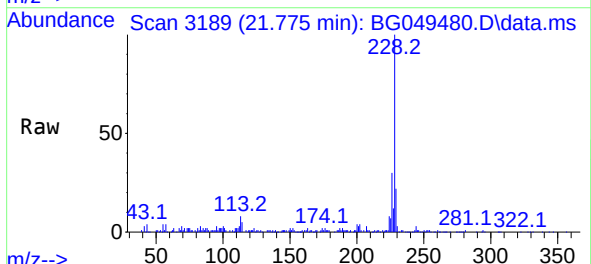
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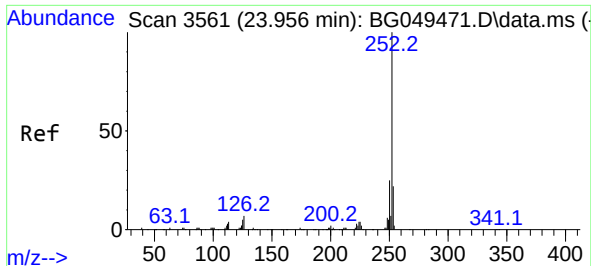
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#87
Chrysene
Concen: 15.284 ng/ul
RT: 21.775 min Scan# 3189
Delta R.T. 0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

Tgt Ion:228 Resp: 114002
Ion Ratio Lower Upper
228 100
226 29.6 24.6 37.0
229 22.1 14.9 22.3





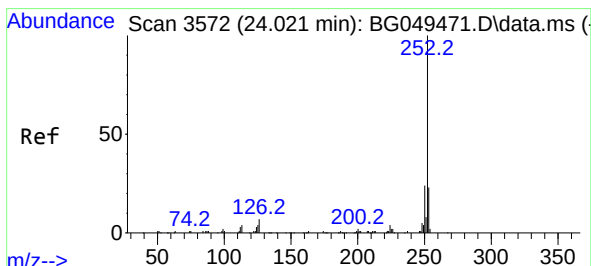
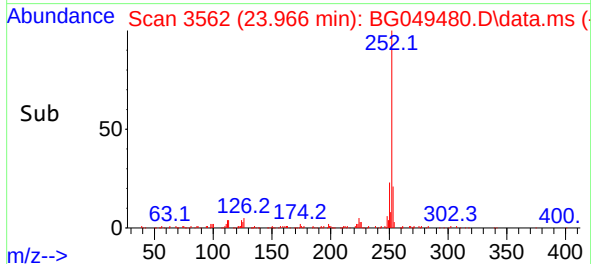
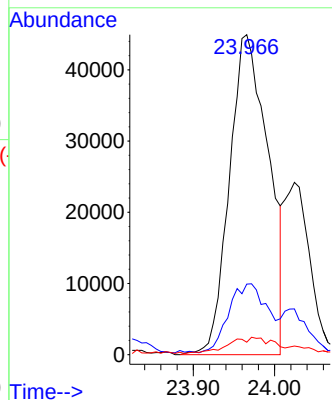
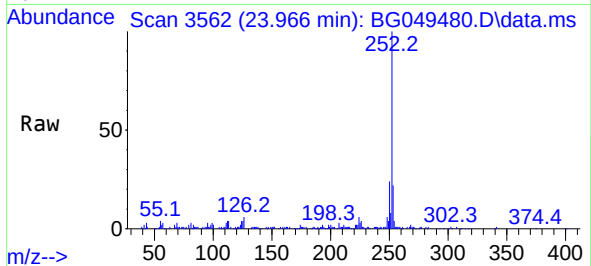
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Benzo(b)fluoranthene
Concen: 16.800 ng/ul
RT: 23.966 min Scan# 3562
Delta R.T. 0.008 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

Tgt Ion:252 Resp: 149612
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 3.9 4.5 6.7#

Instrument :
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ClientSampled :
C0007

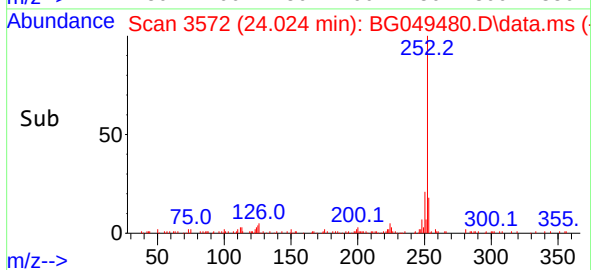
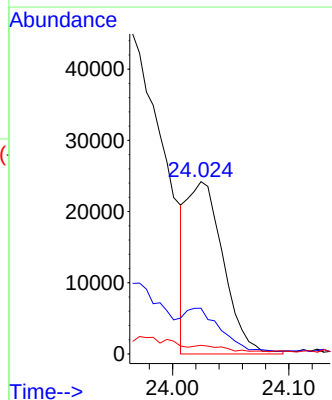
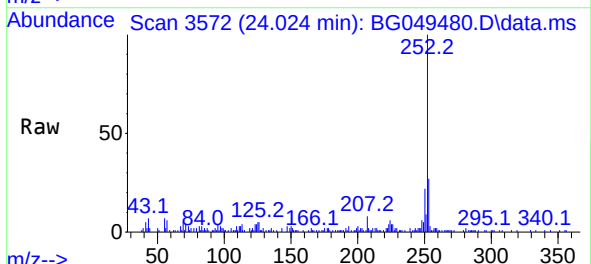
Manual Integrations
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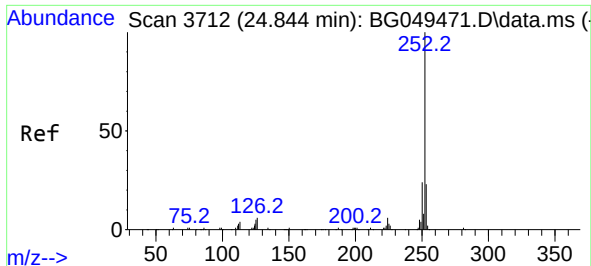
mohammad
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#91
Benzo(k)fluoranthene
Concen: 6.045 ng/ul m
RT: 24.024 min Scan# 3572
Delta R.T. 0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

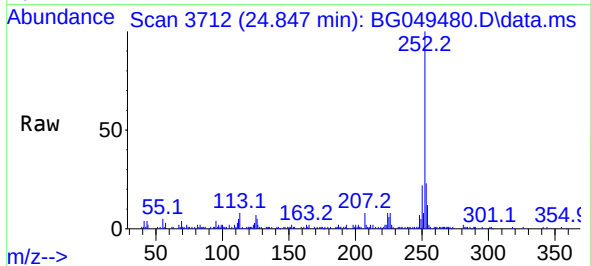
Tgt Ion:252 Resp: 52685
Ion Ratio Lower Upper
252 100
253 26.5 17.3 25.9#
125 5.0 4.6 7.0





#93
Benzo(a)pyrene
Concen: 12.433 ng/ul m
RT: 24.847 min Scan# 3712
Delta R.T. 0.008 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

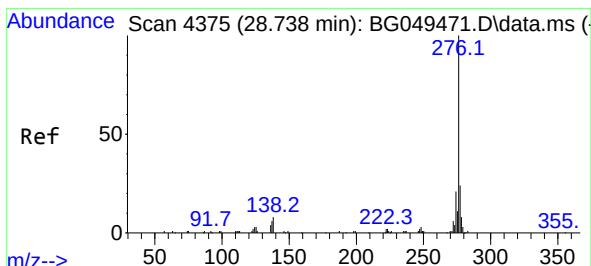
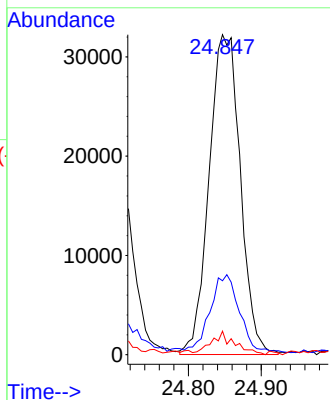
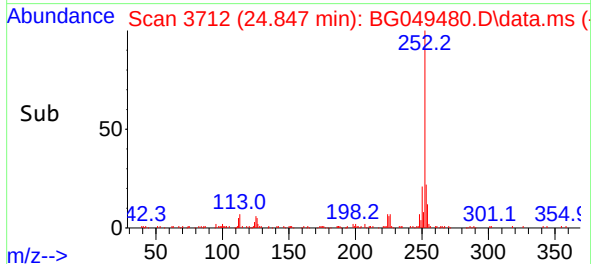
Instrument :
BNA_G
ClientSampled :
C0007



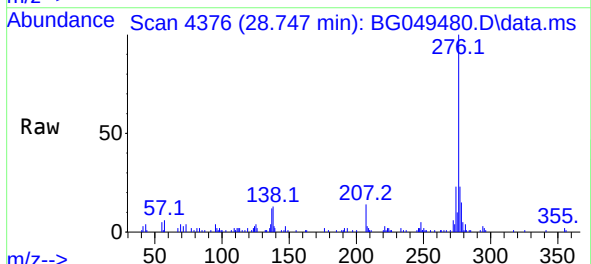
Tgt Ion:252 Resp: 96058
Ion Ratio Lower Upper
252 100
253 23.1 16.4 24.6
125 7.4 4.6 6.8#

Manual Integrations
APPROVED

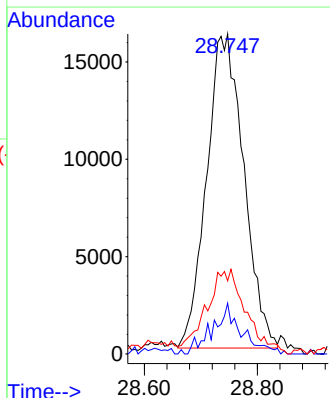
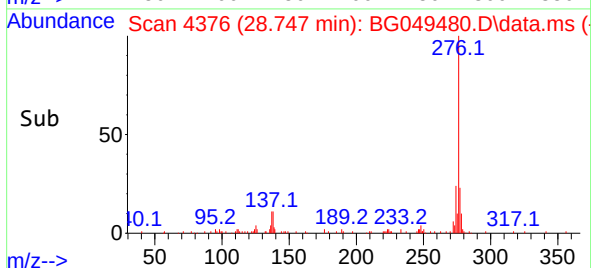
mohammad
7/27/2021 12:06:36 PM

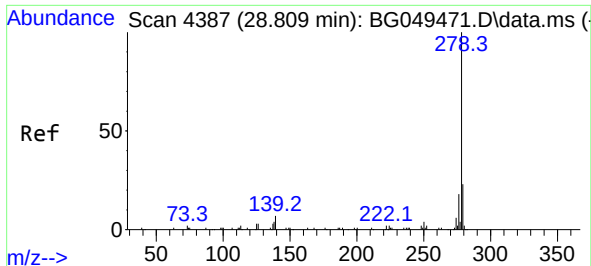


#94
Indeno(1,2,3-cd)pyrene
Concen: 7.464 ng/ul m
RT: 28.747 min Scan# 4376
Delta R.T. 0.008 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55



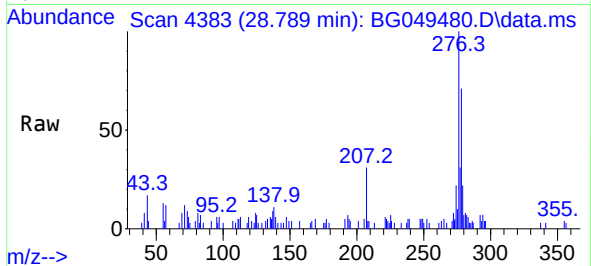
Tgt Ion:276 Resp: 73577
Ion Ratio Lower Upper
276 100
138 12.6 7.3 10.9#
277 22.8 19.2 28.8





#95
Dibenzo(a,h)anthracene
Concen: 2.907 ng/ul m
RT: 28.789 min Scan# 4383
Delta R.T. -0.009 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55

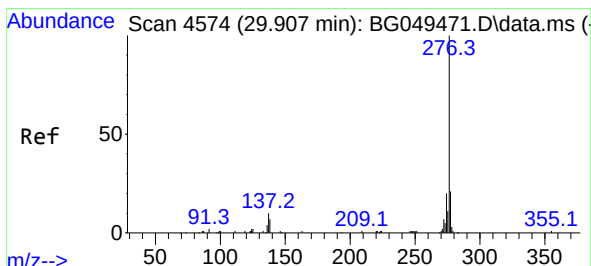
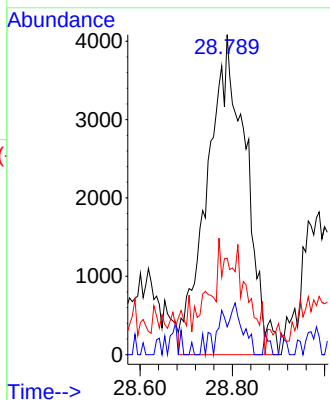
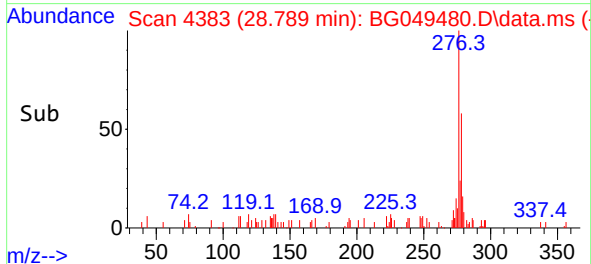
Instrument :
BNA_G
ClientSampled :
C0007



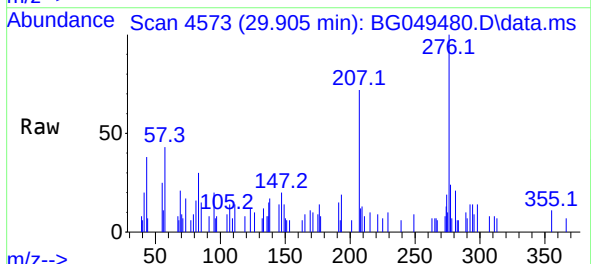
Tgt Ion:278 Resp: 23710
Ion Ratio Lower Upper
278 100
139 8.7 6.8 10.2
279 30.2 19.7 29.5#

Manual Integrations
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mohammad
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#96
Benzo(g,h,i)perylene
Concen: 1.412 ng/ul m
RT: 29.905 min Scan# 4573
Delta R.T. 0.003 min
Lab File: BG049480.D
Acq: 26 Jul 2021 15:55



Tgt Ion:276 Resp: 11572
Ion Ratio Lower Upper
276 100
138 17.2 10.8 16.2#
277 24.1 20.6 31.0

