

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050155.D
 Acq On : 4 Sep 2021 7:58
 Operator : CG/JU
 Sample : M3526-07DL 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B9DL

Manual Integrations
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Quant Time: Sep 06 03:20:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	36576	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	146999	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.611	164	100885	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.366	188	217959	20.000	ng/ul	-0.01
79) Chrysene-d12	21.636	240	219936	20.000	ng/ul	-0.01
88) Perylene-d12	24.850	264	224013	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.133	99	4781	1.539	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.273	67	2690	1.559	ng/ul	0.00
11) 2-Chlorophenol-d4	7.485	132	4416	1.900	ng/ul	0.00
15) 4-Methylphenol-d8	8.677	113	3023	1.236	ng/ul	0.00
21) Nitrobenzene-d5	9.130	128	2468m	2.166	ng/ul	0.00
24) 2-Nitrophenol-d4	9.858	143	2044m	1.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	3874m	1.601	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.011	166	13857	1.795	ng/ul	-0.01
49) Acenaphthylene-d8	14.305	160	16543	1.827	ng/ul	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.603	176	11182	1.708	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.466	188	17606	1.799	ng/ul	-0.01
81) Pyrene-d10	19.757	212	21443	1.804	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.632	264	18181	1.530	ng/ul	-0.02
Target Compounds					Qvalue	
30) Naphthalene	10.822	128	15651	2.130	ng/ul	98
36) 2-Methylnaphthalene	12.431	142	5734	1.050	ng/ul	82
52) Acenaphthene	14.675	153	19779	3.295	ng/ul	94
56) Dibenzofuran	15.010	168	19458	2.341	ng/ul	97
61) Fluorene	15.662	166	35752	5.098	ng/ul#	94
72) Phenanthrene	17.407	178	340938	31.377	ng/ul	98
74) Anthracene	17.495	178	92802	8.428	ng/ul	96
77) Carbazole	17.771	167	18981	1.937	ng/ul#	96
80) Fluoranthene	19.422	202	443865	30.264	ng/ul#	98
82) Pyrene	19.786	202	318128	21.890	ng/ul	98
85) Benzo(a)anthracene	21.619	228	205964	15.029	ng/ul	99
87) Chrysene	21.683	228	163673	12.634	ng/ul	96
90) Benzo(b)fluoranthene	23.833	252	207399	14.474	ng/ul	100
91) Benzo(k)fluoranthene	23.886	252	68952	5.062	ng/ul	97
93) Benzo(a)pyrene	24.697	252	116233	9.340	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.521	276	77068m	4.695	ng/ul	
95) Dibenzo(a,h)anthracene	28.551	278	30626m	2.229	ng/ul	

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

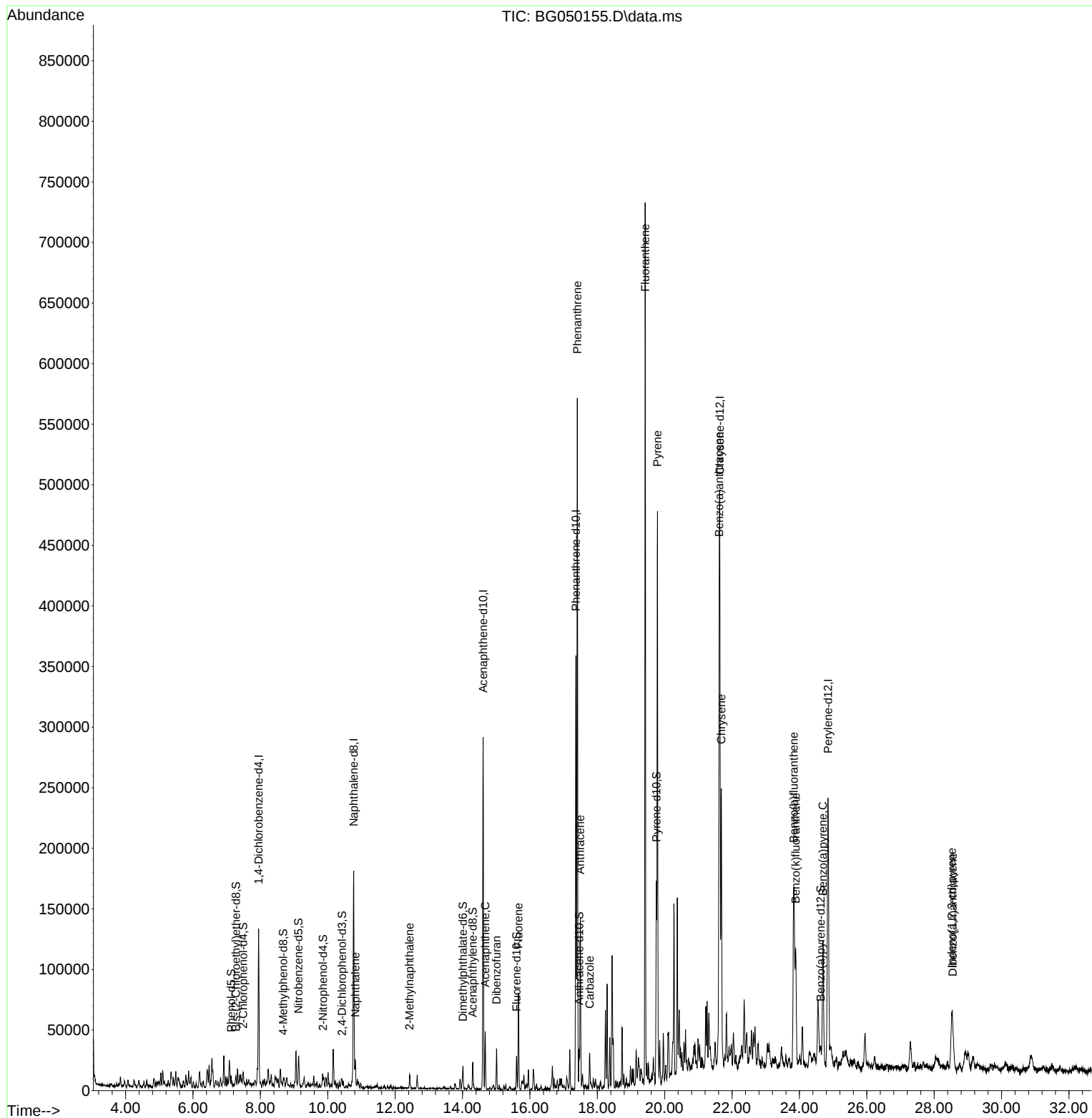
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050155.D
Acq On : 4 Sep 2021 7:58
Operator : CG/JU
Sample : M3526-07DL 10X
Misc :
ALS Vial : 57 Sample Multiplier: 1

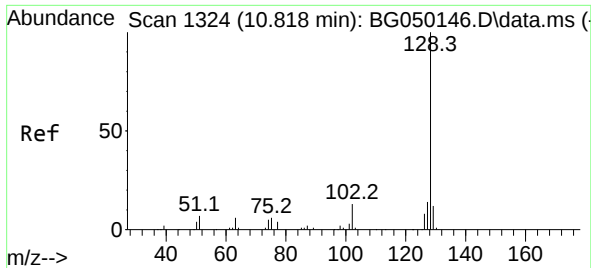
Instrument :
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ClientSampleId :
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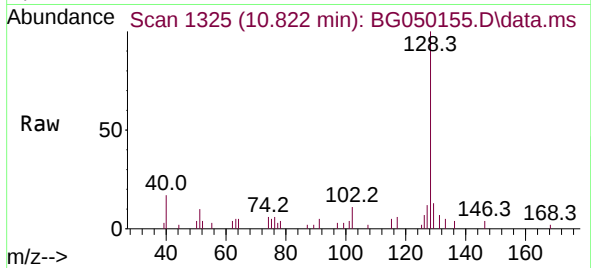
Quant Time: Sep 06 03:20:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.130 ng/ul
RT: 10.822 min Scan# 1325
Delta R.T. -0.005 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58

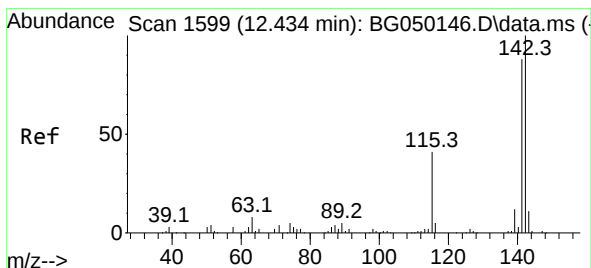
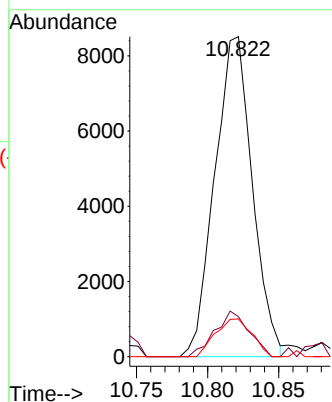
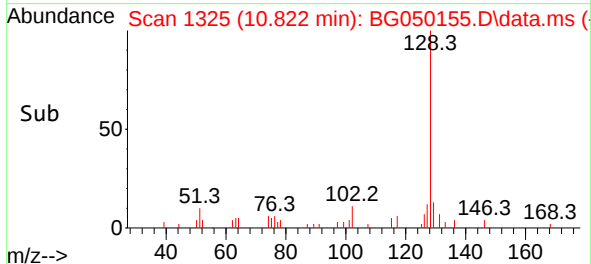
Instrument :
BNA_G
ClientSampleID :
EW7B9DL



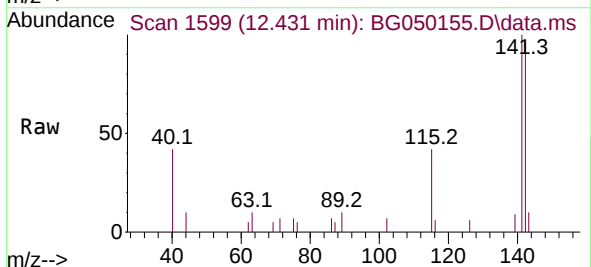
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.3	13.9
127	11.8	9.8	14.6

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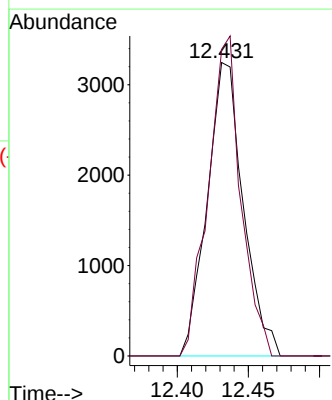
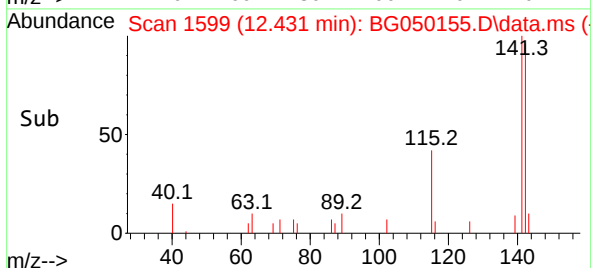
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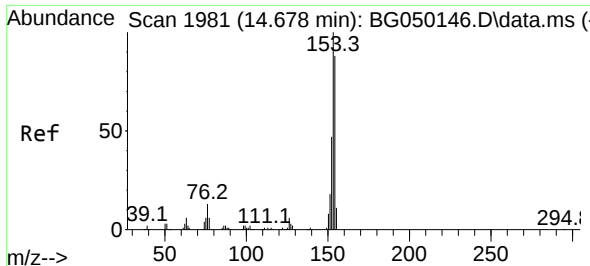


#36
2-Methylnaphthalene
Concen: 1.050 ng/ul
RT: 12.431 min Scan# 1599
Delta R.T. -0.011 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58



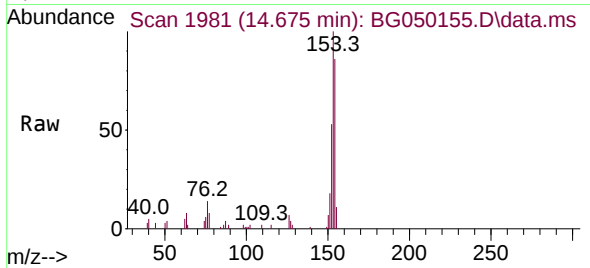
Tgt Ion	Ratio	Lower	Upper
142	100		
141	104.5	70.5	105.7





#52
Acenaphthene
Concen: 3.295 ng/ul
RT: 14.675 min Scan# 1981
Delta R.T. -0.011 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58

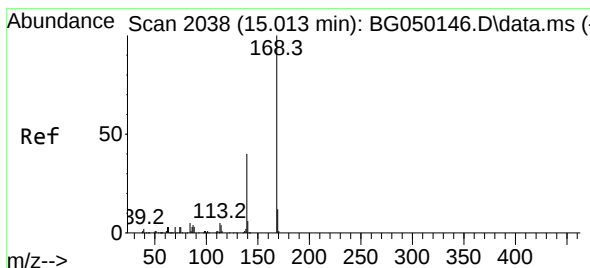
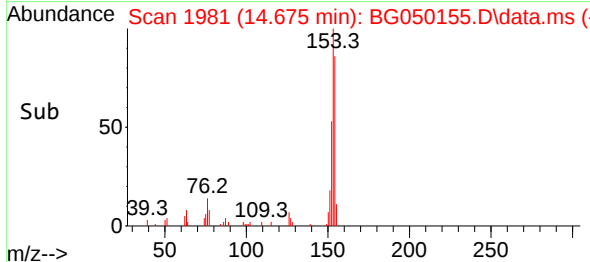
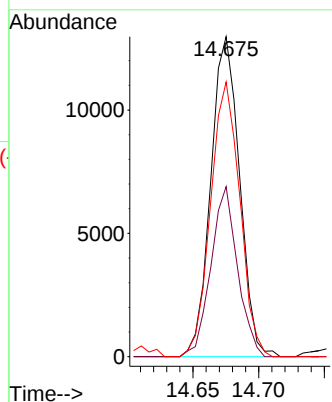
Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.1	37.4	56.2
154	85.9	71.5	107.3

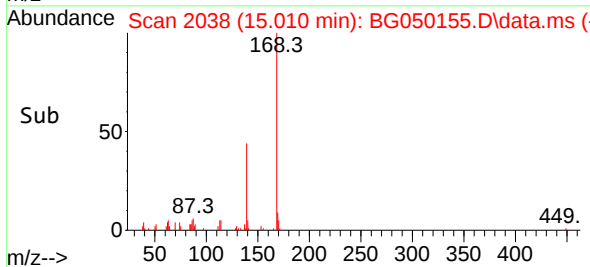
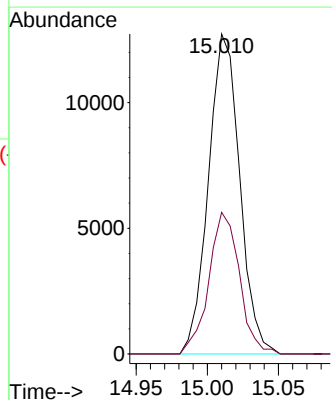
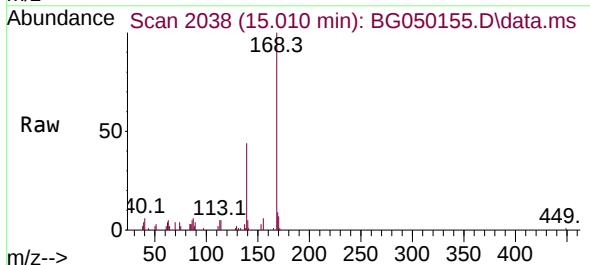
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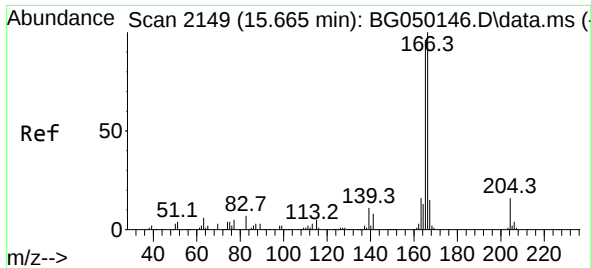
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#56
Dibenzofuran
Concen: 2.341 ng/ul
RT: 15.010 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58

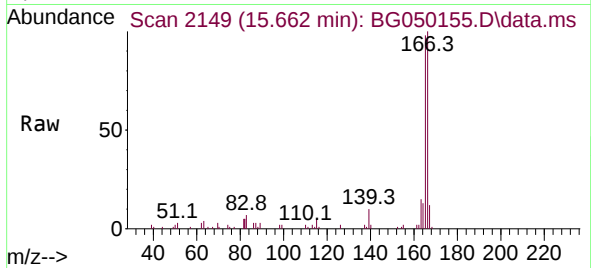
Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.3	33.8	50.8





#61
Fluorene
Concen: 5.098 ng/ul
RT: 15.662 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58

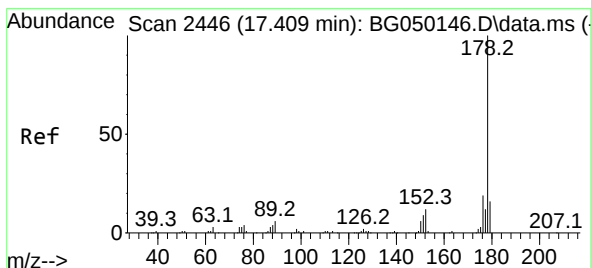
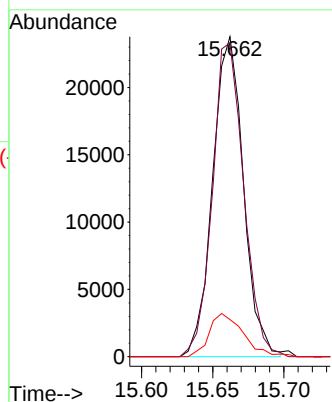
Instrument :
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ClientSampleId :
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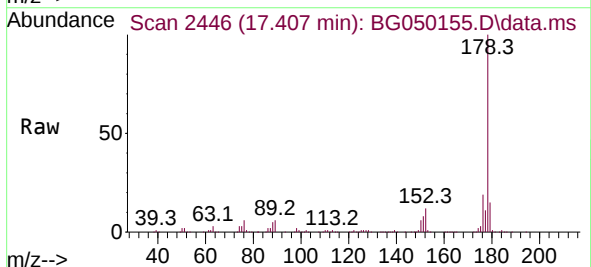
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	83.3	124.9
167	11.6	11.8	17.6#

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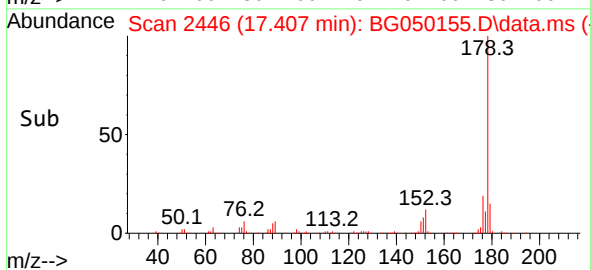
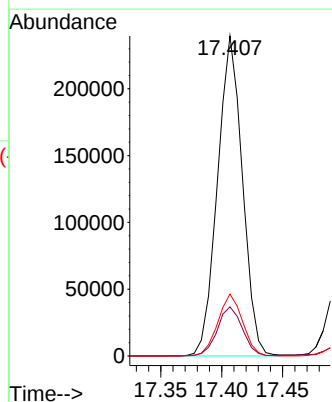
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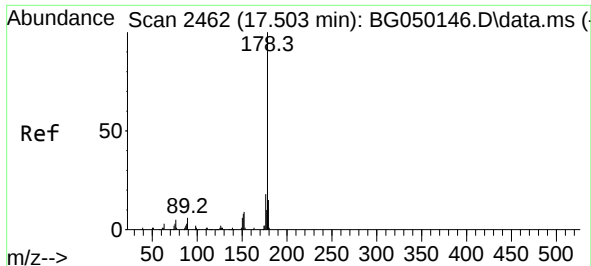


#72
Phenanthrene
Concen: 31.377 ng/ul
RT: 17.407 min Scan# 2446
Delta R.T. -0.011 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58



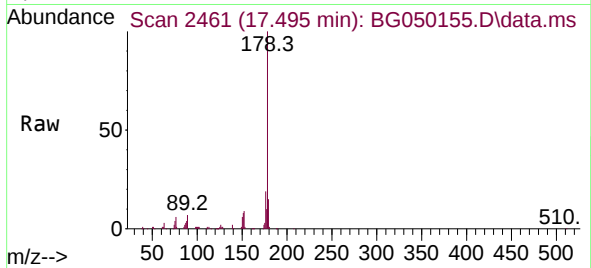
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	19.4	16.2	24.2





#74
 Anthracene
 Concen: 8.428 ng/ul
 RT: 17.495 min Scan# 2461
 Delta R.T. -0.011 min
 Lab File: BG050155.D
 Acq: 4 Sep 2021 7:58

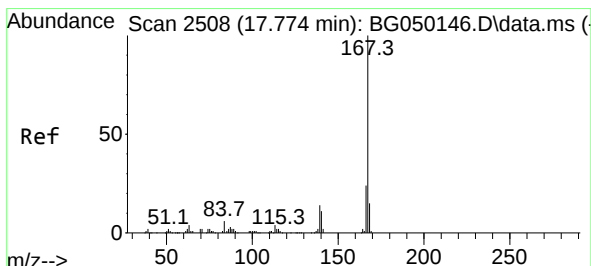
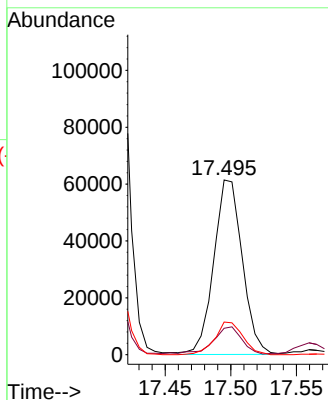
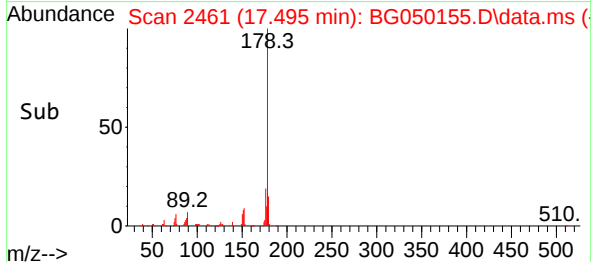
Instrument :
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 ClientSampleId :
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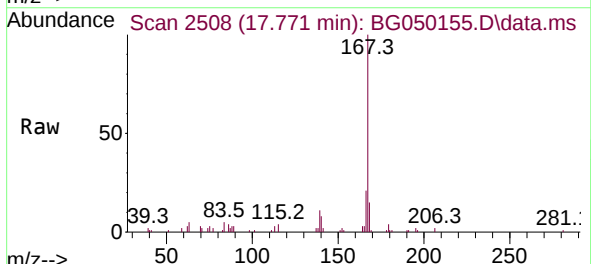
Tgt Ion:178 Resp: 92802
 Ion Ratio Lower Upper
 178 100
 179 15.1 11.4 17.0
 176 18.7 12.8 19.2

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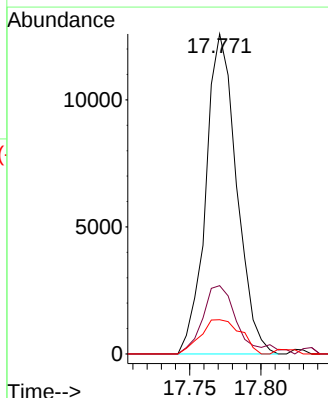
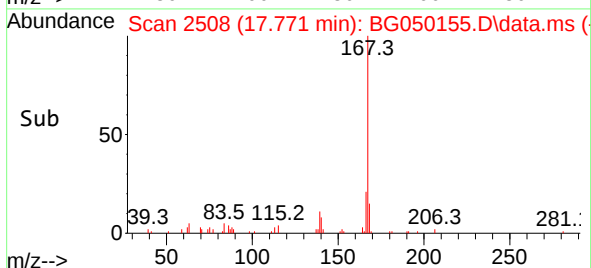
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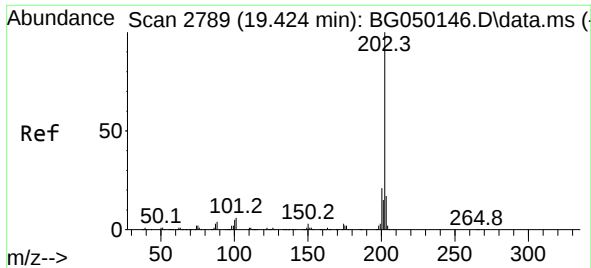


#77
 Carbazole
 Concen: 1.937 ng/ul
 RT: 17.771 min Scan# 2508
 Delta R.T. -0.011 min
 Lab File: BG050155.D
 Acq: 4 Sep 2021 7:58



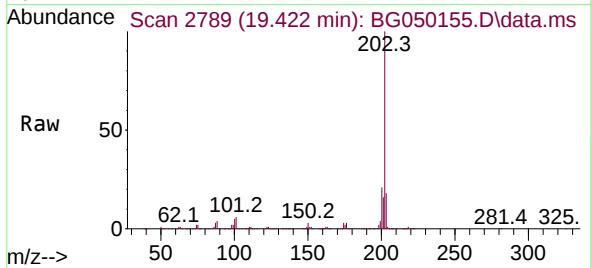
Tgt Ion:167 Resp: 18981
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.8
 139 10.7 11.1 16.7#





#80
Fluoranthene
Concen: 30.264 ng/u1
RT: 19.422 min Scan# 2789
Delta R.T. -0.011 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58

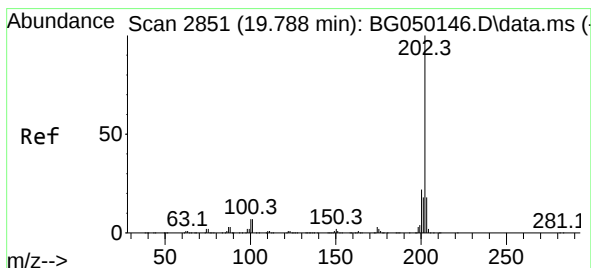
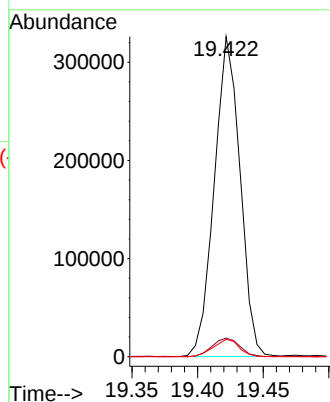
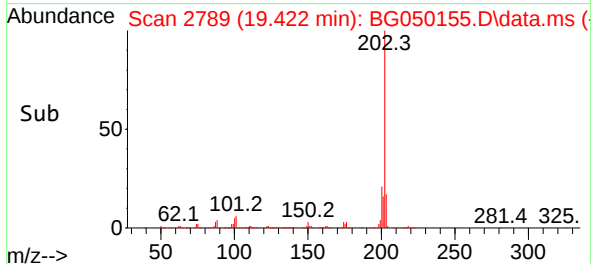
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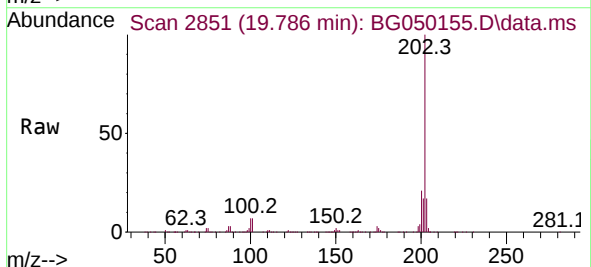
Tgt Ion:202 Resp: 443865
Ion Ratio Lower Upper
202 100
101 5.8 4.3 6.5
100 5.5 3.5 5.3#

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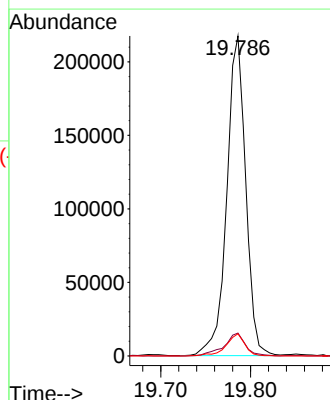
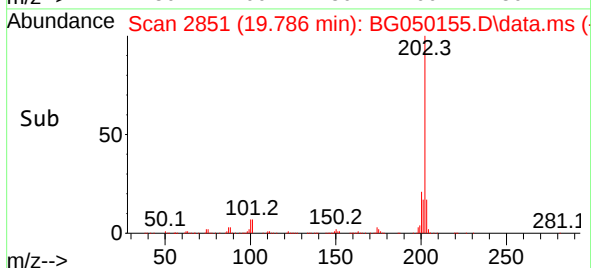
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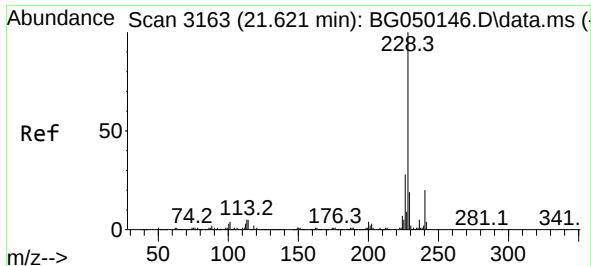


#82
Pyrene
Concen: 21.890 ng/u1
RT: 19.786 min Scan# 2851
Delta R.T. -0.011 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58



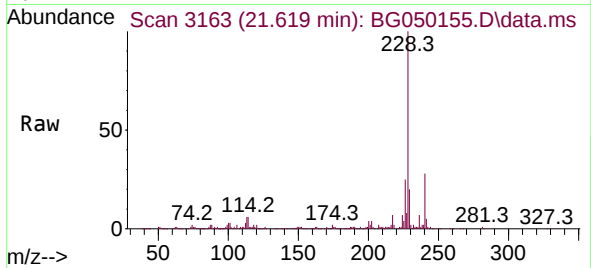
Tgt Ion:202 Resp: 318128
Ion Ratio Lower Upper
202 100
101 7.2 5.4 8.0
100 7.0 5.0 7.6





#85
Benzo(a)anthracene
Concen: 15.029 ng/u1
RT: 21.619 min Scan# 3163
Delta R.T. -0.011 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58

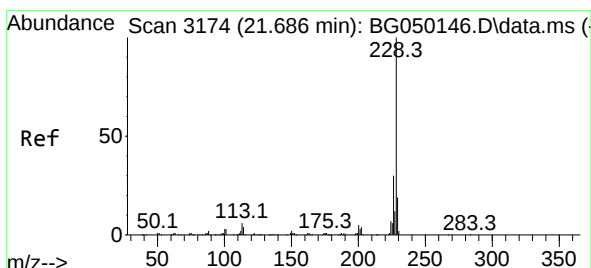
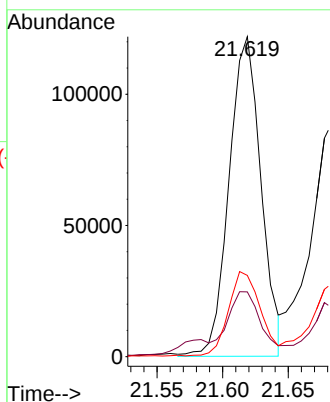
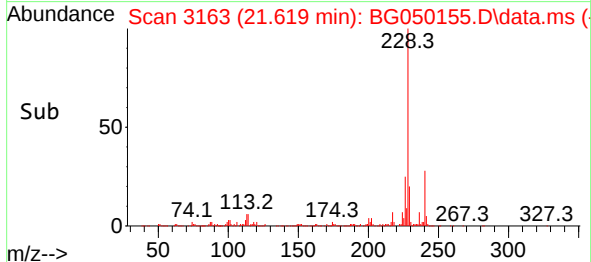
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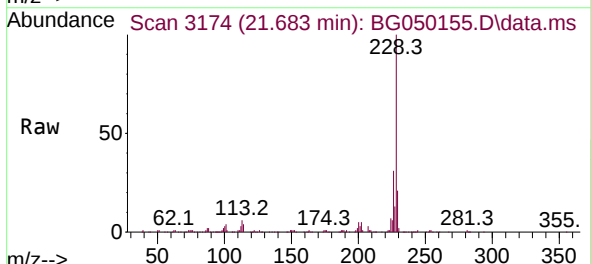
Tgt Ion:228 Resp: 205964
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.4
226 25.4 21.0 31.4

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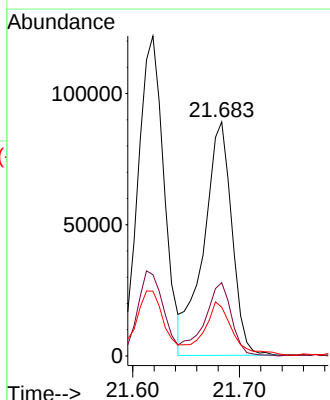
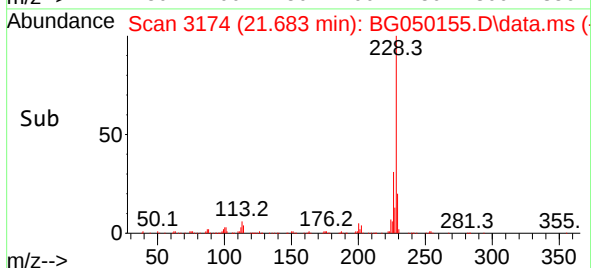
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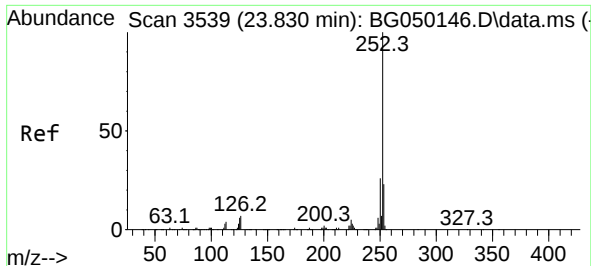


#87
Chrysene
Concen: 12.634 ng/u1
RT: 21.683 min Scan# 3174
Delta R.T. -0.011 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58



Tgt Ion:228 Resp: 163673
Ion Ratio Lower Upper
228 100
226 31.3 23.0 34.4
229 20.9 17.8 26.6





#90

Benzo(b)fluoranthene

Concen: 14.474 ng/ul

RT: 23.833 min Scan# 3540

Delta R.T. -0.011 min

Lab File: BG050155.D

Acq: 4 Sep 2021 7:58

Tgt Ion:	252	Resp:	207399
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	4.7	3.4	5.0

Instrument :

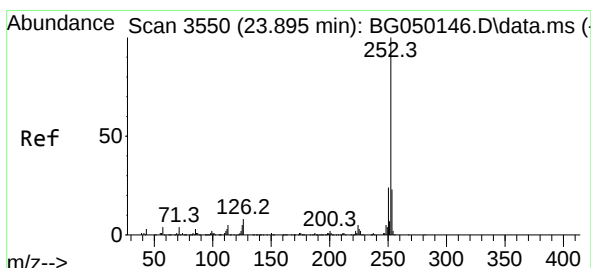
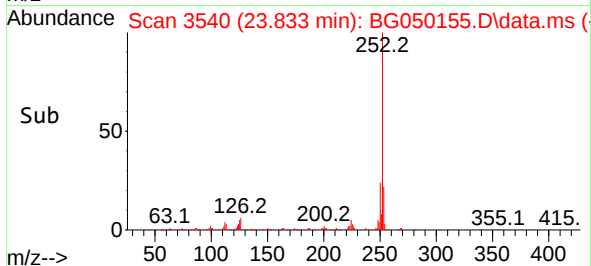
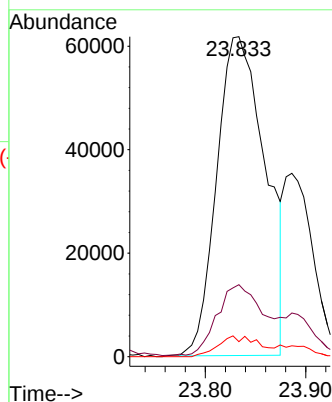
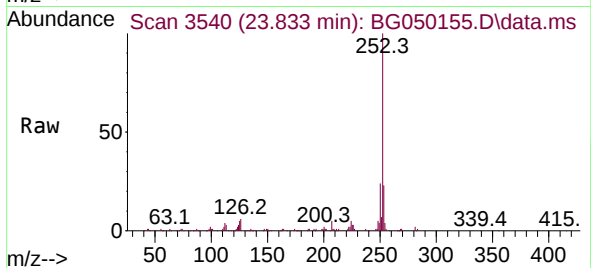
BNA_G

ClientSampleId :

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#91

Benzo(k)fluoranthene

Concen: 5.062 ng/ul

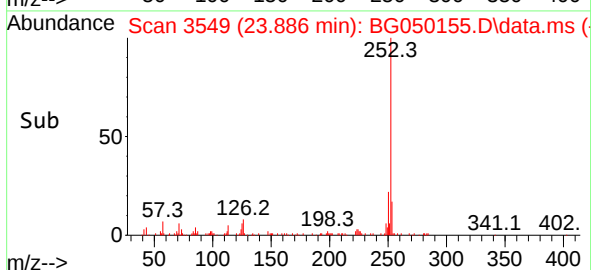
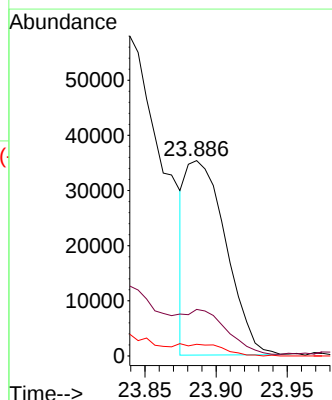
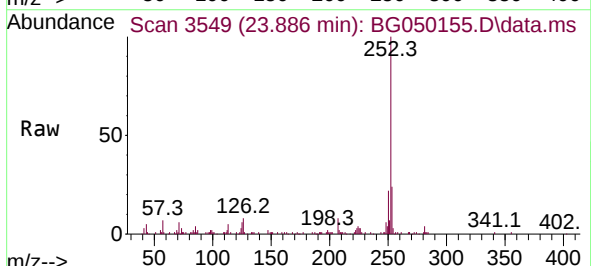
RT: 23.886 min Scan# 3549

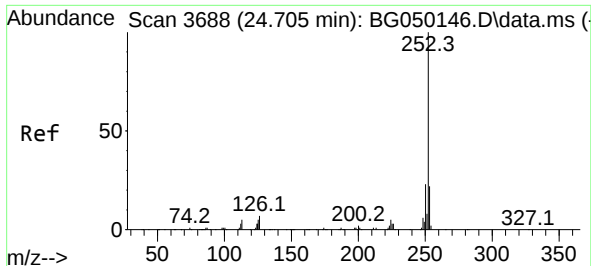
Delta R.T. -0.023 min

Lab File: BG050155.D

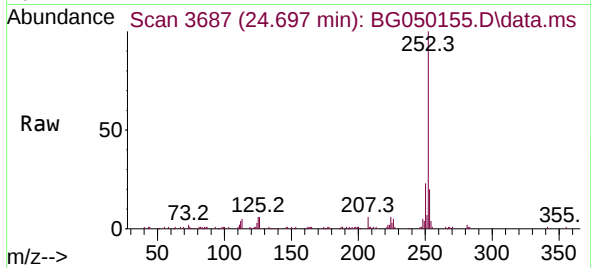
Acq: 4 Sep 2021 7:58

Tgt Ion:	252	Resp:	68952
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.7	26.5
125	6.0	4.1	6.1

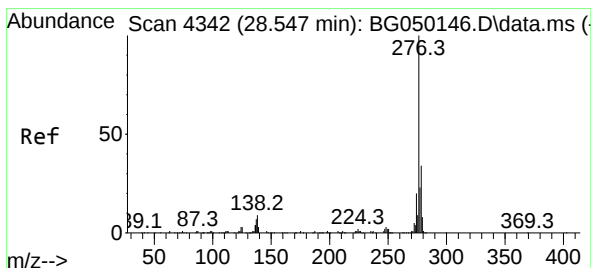
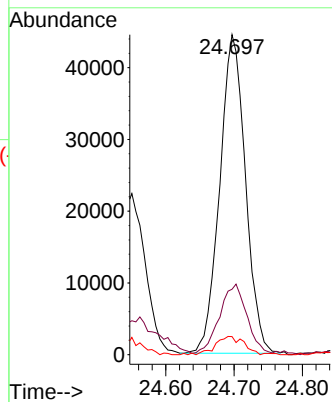
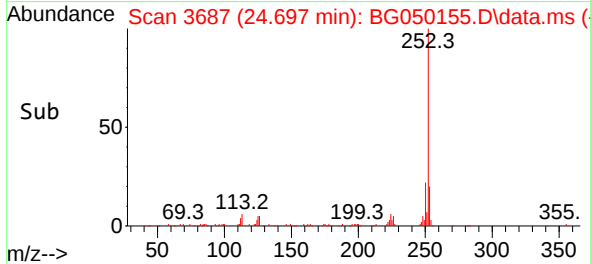




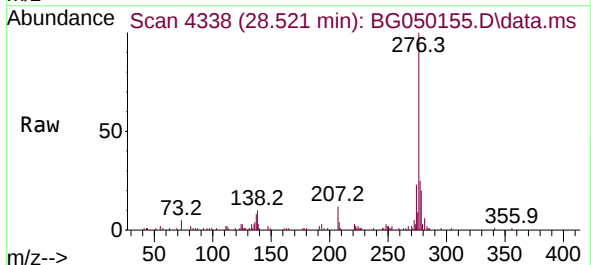
#93
Benzo(a)pyrene
Concen: 9.340 ng/ul
RT: 24.697 min Scan# 3687
Delta R.T. -0.023 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58



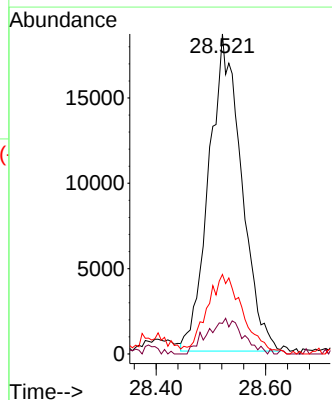
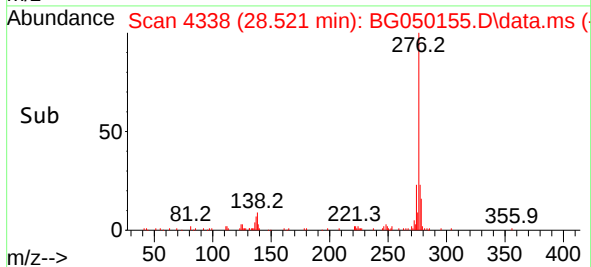
Tgt Ion:252 Resp: 116233
Ion Ratio Lower Upper
252 100
253 20.4 17.0 25.4
125 5.7 4.4 6.6



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.695 ng/ul m
RT: 28.521 min Scan# 4338
Delta R.T. -0.047 min
Lab File: BG050155.D
Acq: 4 Sep 2021 7:58



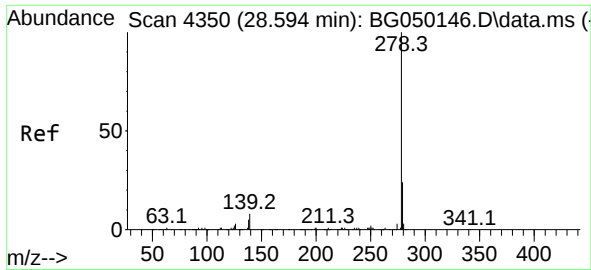
Tgt Ion:276 Resp: 77068
Ion Ratio Lower Upper
276 100
138 9.5 5.5 8.3#
277 24.8 18.6 27.8



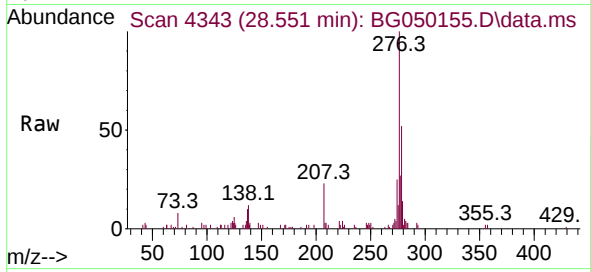
Instrument :
BNA_G
ClientSampleId :
EW7B9DL

Manual Integrations
APPROVED

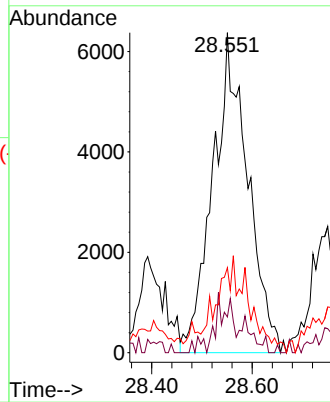
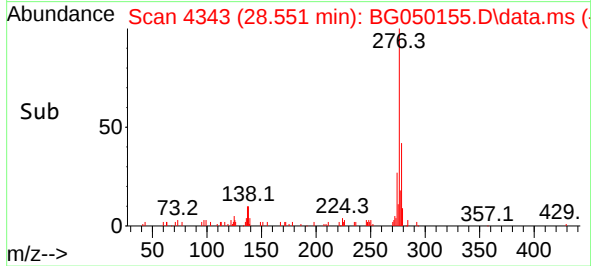
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#95
 Dibenzo(a,h)anthracene
 Concen: 2.229 ng/ul m
 RT: 28.551 min Scan# 4343
 Delta R.T. -0.052 min
 Lab File: BG050155.D
 Acq: 4 Sep 2021 7:58



Tgt Ion:	278	Resp:	30626
Ion Ratio	Lower	Upper	
278	100		
139	6.8	5.2	7.8
279	26.6	19.0	28.4



Instrument :
 BNA_G
 ClientSampleId :
 EW7B9DL

Manual Integrations
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