

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050120.D
 Acq On : 3 Sep 2021 7:25
 Operator : CG/JU
 Sample : M3448-06DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKE5DL

Manual Integrations
 APPROVED

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Quant Time: Sep 03 08:26:58 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	29514	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	122062	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.611	164	83349	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.366	188	174744	20.000	ng/ul	-0.01
79) Chrysene-d12	21.637	240	186598	20.000	ng/ul	-0.01
88) Perylene-d12	24.862	264	192062	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.761	84	7428m	4.309	ng/ul	0.02
7) Phenol-d5	7.121	99	8473	3.381	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	23246	16.695	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.479	132	23530	12.548	ng/ul	-0.01
15) 4-Methylphenol-d8	8.672	113	15808	8.009	ng/ul	-0.01
21) Nitrobenzene-d5	9.118	128	16054	16.965	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.847	143	17252	15.310	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	28421	14.141	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	34565	12.635	ng/ul	-0.01
46) Dimethylphthalate-d6	14.012	166	115981	18.182	ng/ul	-0.01
49) Acenaphthylene-d8	14.305	160	128882	17.232	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.858	143	3127m	3.388	ng/ul	0.01
60) Fluorene-d10	15.609	176	92856	17.169	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	13767m	12.246	ng/ul	-0.01
73) Anthracene-d10	17.466	188	159894	20.377	ng/ul	-0.01
81) Pyrene-d10	19.757	212	192432	19.084	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.633	264	190694	18.715	ng/ul	-0.02
Target Compounds					Qvalue	
36) 2-Methylnaphthalene	12.437	142	9963	2.197	ng/ul	89
37) 1-Methylnaphthalene	12.655	142	63218	13.810	ng/ul	95
52) Acenaphthene	14.675	153	216947	43.751	ng/ul	99
56) Dibenzofuran	15.010	168	120853	17.599	ng/ul	96
61) Fluorene	15.662	166	118612	20.473	ng/ul	93
72) Phenanthrene	17.407	178	173806	19.951	ng/ul	98
74) Anthracene	17.501	178	23088	2.615	ng/ul	96
80) Fluoranthene	19.428	202	42665	3.429	ng/ul	98
82) Pyrene	19.786	202	25237	2.047	ng/ul#	94

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

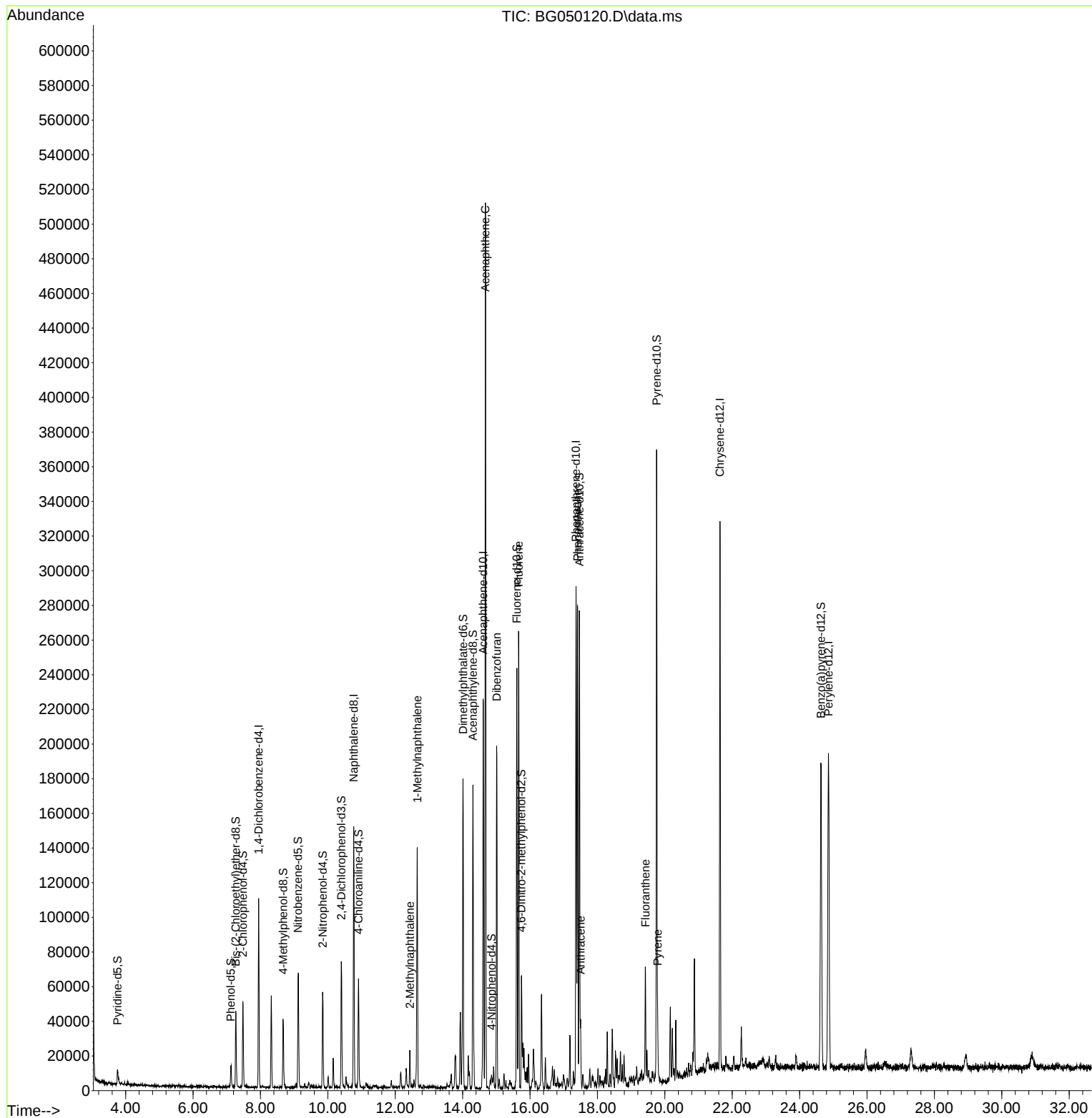
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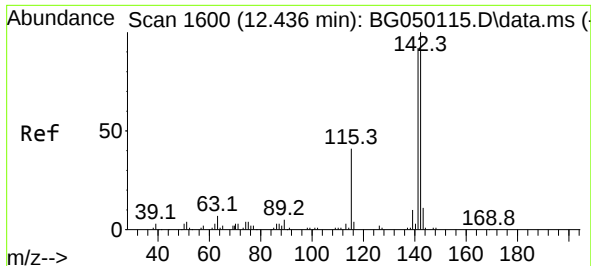
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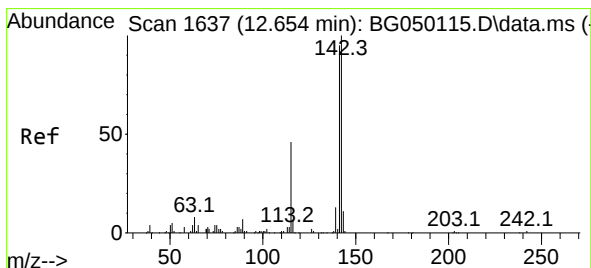
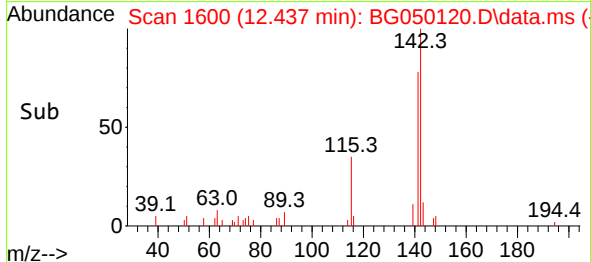
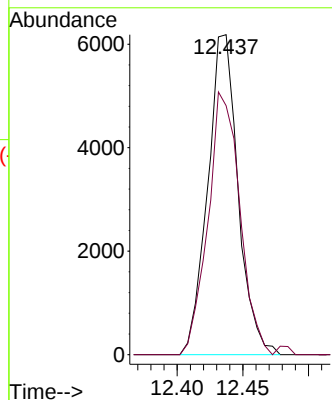
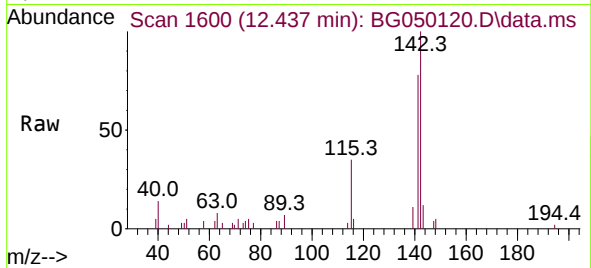
#36
2-Methylnaphthalene
Concen: 2.197 ng/ul
RT: 12.437 min Scan# 1600
Delta R.T. -0.005 min
Lab File: BG050120.D
Acq: 3 Sep 2021 7:25

Tgt Ion:142 Resp: 9963
Ion Ratio Lower Upper
142 100
141 77.8 70.5 105.7

Instrument :
BNA_G
ClientSampleId :
DBKE5DL

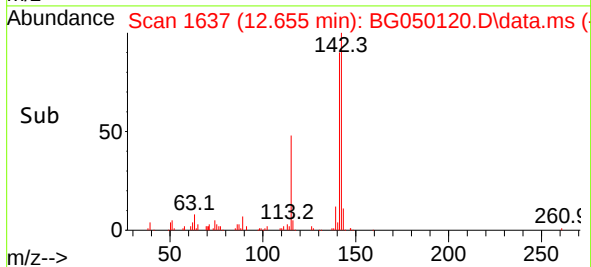
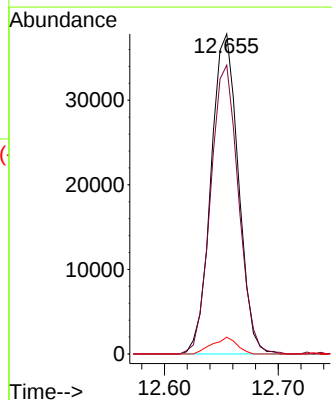
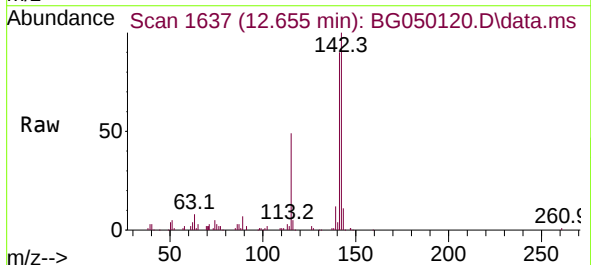
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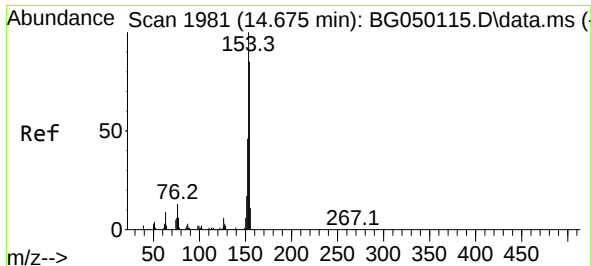
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#37
1-Methylnaphthalene
Concen: 13.810 ng/ul
RT: 12.655 min Scan# 1637
Delta R.T. -0.005 min
Lab File: BG050120.D
Acq: 3 Sep 2021 7:25

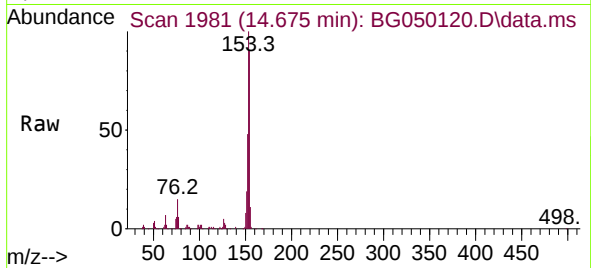
Tgt Ion:142 Resp: 63218
Ion Ratio Lower Upper
142 100
141 90.2 75.8 113.8
116 5.3 3.7 5.5





#52
Acenaphthene
Concen: 43.751 ng/ul
RT: 14.675 min Scan# 1981
Delta R.T. -0.011 min
Lab File: BG050120.D
Acq: 3 Sep 2021 7:25

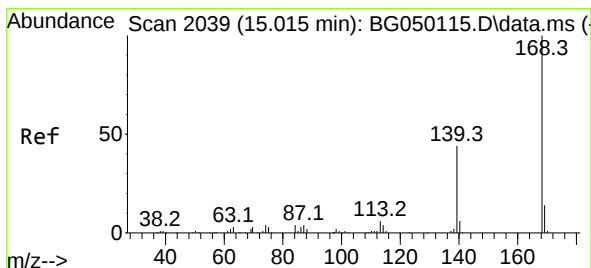
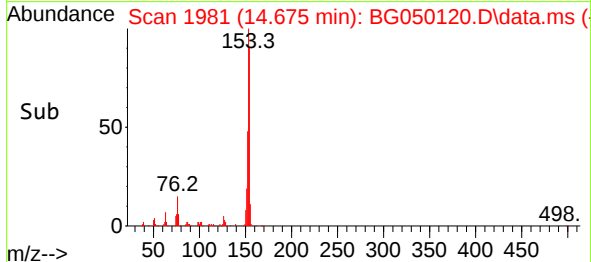
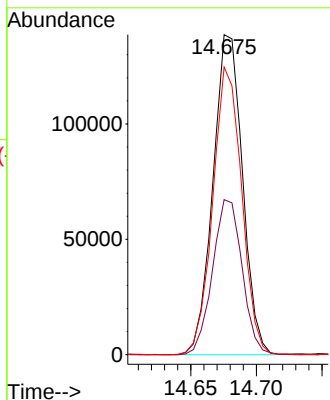
Instrument :
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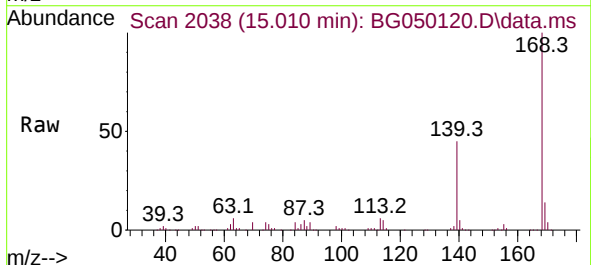
Tgt Ion:153 Resp: 216947
Ion Ratio Lower Upper
153 100
152 48.4 37.4 56.2
154 89.9 71.5 107.3

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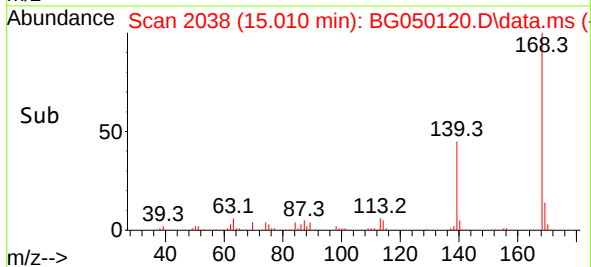
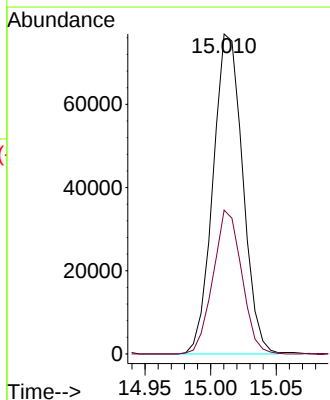
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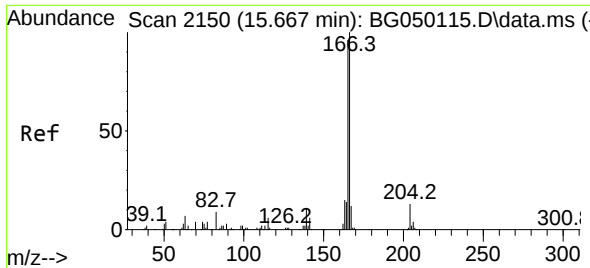


#56
Dibenzofuran
Concen: 17.599 ng/ul
RT: 15.010 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BG050120.D
Acq: 3 Sep 2021 7:25



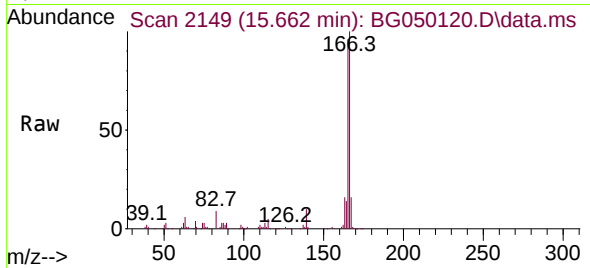
Tgt Ion:168 Resp: 120853
Ion Ratio Lower Upper
168 100
139 44.9 33.8 50.8





#61
Fluorene
Concen: 20.473 ng/ul
RT: 15.662 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG050120.D
Acq: 3 Sep 2021 7:25

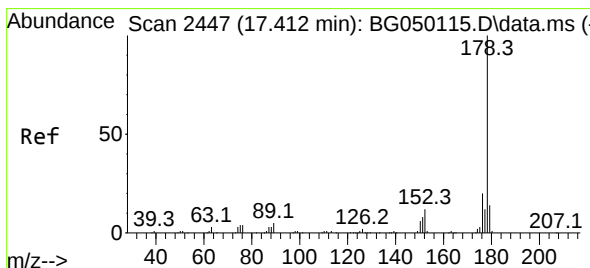
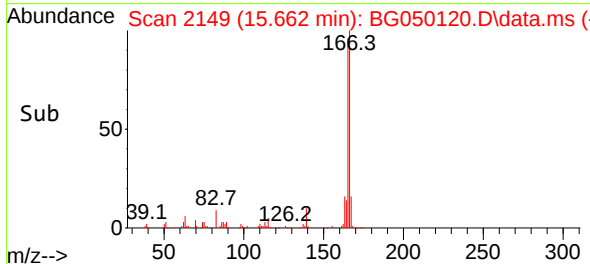
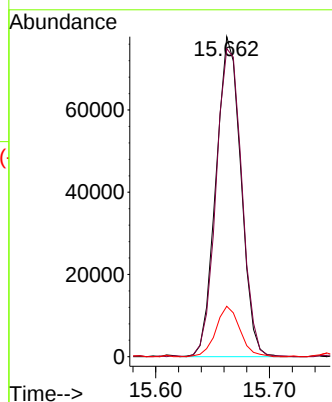
Instrument :
BNA_G
ClientSampleID :
DBKE5DL



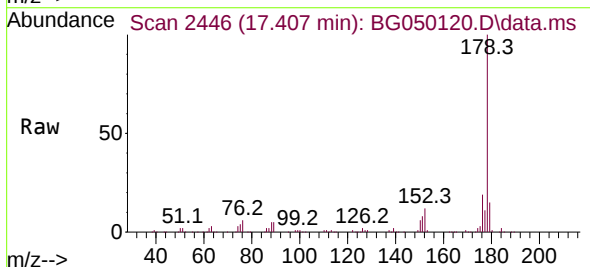
Tgt Ion:166 Resp: 118612
Ion Ratio Lower Upper
166 100
165 96.2 83.3 124.9
167 15.8 11.8 17.6

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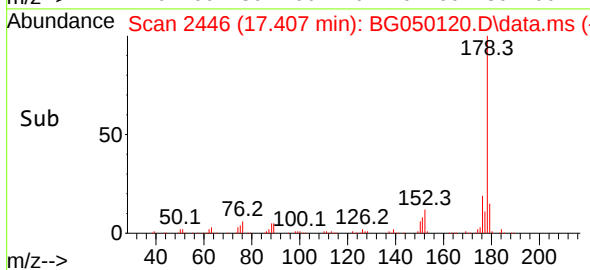
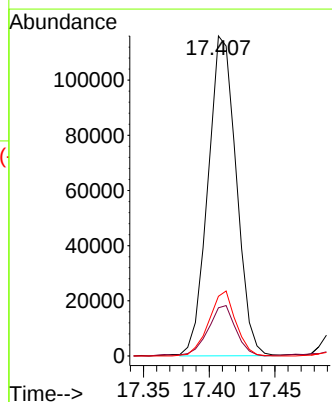
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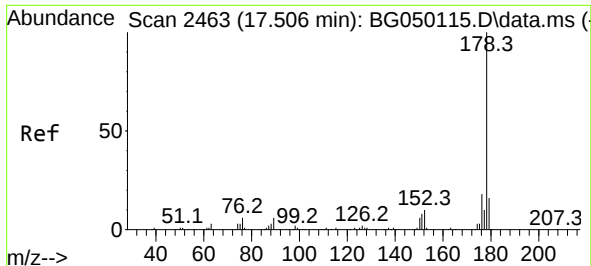


#72
Phenanthrene
Concen: 19.951 ng/ul
RT: 17.407 min Scan# 2446
Delta R.T. -0.011 min
Lab File: BG050120.D
Acq: 3 Sep 2021 7:25



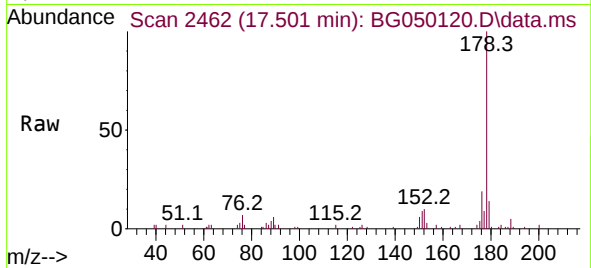
Tgt Ion:178 Resp: 173806
Ion Ratio Lower Upper
178 100
179 15.0 11.7 17.5
176 18.6 16.2 24.2





#74
 Anthracene
 Concen: 2.615 ng/ul
 RT: 17.501 min Scan# 2462
 Delta R.T. -0.005 min
 Lab File: BG050120.D
 Acq: 3 Sep 2021 7:25

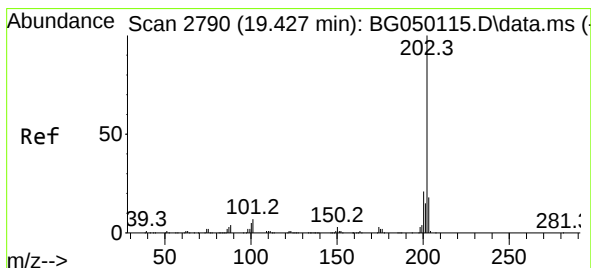
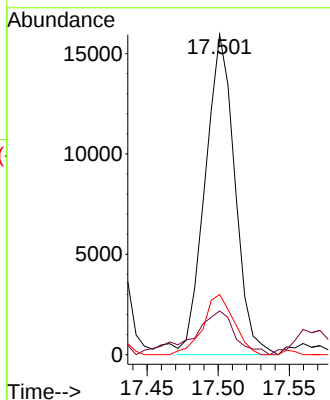
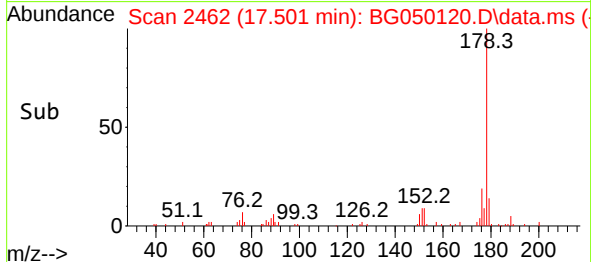
Instrument :
 BNA_G
 ClientSampleID :
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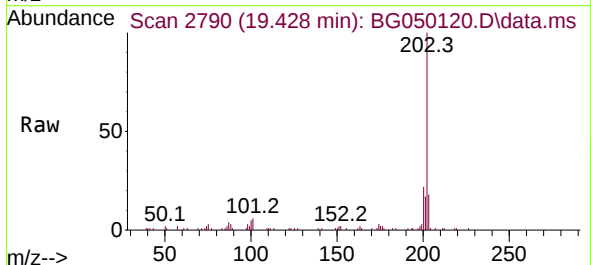
Tgt Ion:178 Resp: 23088
 Ion Ratio Lower Upper
 178 100
 179 13.7 11.4 17.0
 176 18.8 12.8 19.2

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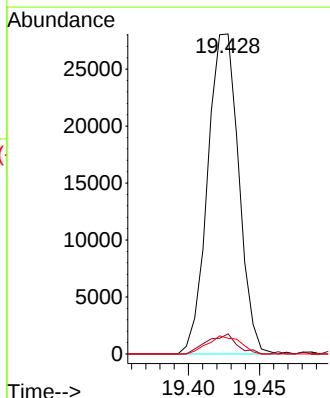
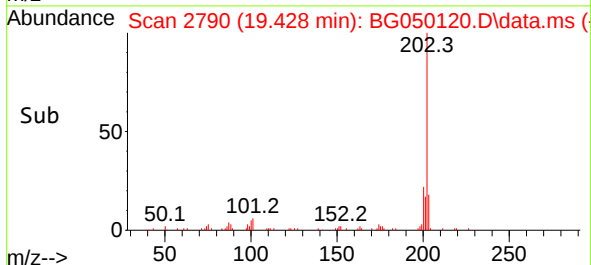
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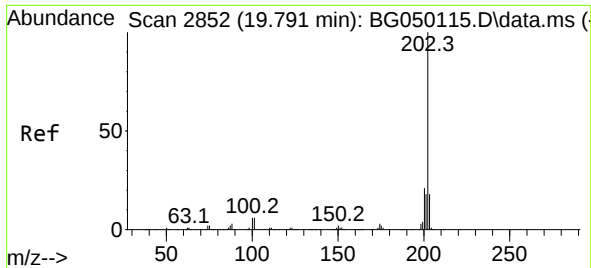


#80
 Fluoranthene
 Concen: 3.429 ng/ul
 RT: 19.428 min Scan# 2790
 Delta R.T. -0.005 min
 Lab File: BG050120.D
 Acq: 3 Sep 2021 7:25

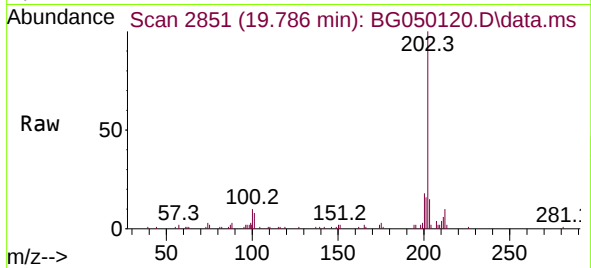


Tgt Ion:202 Resp: 42665
 Ion Ratio Lower Upper
 202 100
 101 6.3 4.3 6.5
 100 4.9 3.5 5.3

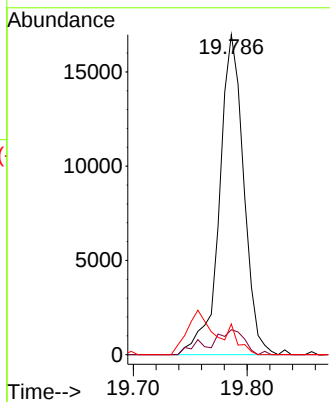
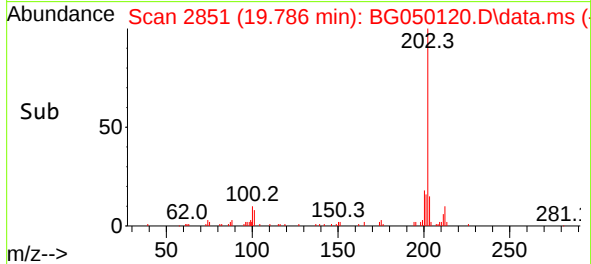




#82
 Pyrene
 Concen: 2.047 ng/ul
 RT: 19.786 min Scan# 2851
 Delta R.T. -0.011 min
 Lab File: BG050120.D
 Acq: 3 Sep 2021 7:25



Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.4	8.0
100	9.6	5.0	7.6



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