

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050202.D
 Acq On : 8 Sep 2021 16:36
 Operator : CG/JU
 Sample : M3608-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKJ9

Manual Integrations
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mohammad
 9/9/2021 11:45:52 AM

Quant Time: Sep 08 17:47:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 07 18:32:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	42690	20.000	ng/ul	0.00
20) Naphthalene-d8	10.768	136	132469	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.610	164	78654	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.365	188	169968	20.000	ng/ul	0.00
79) Chrysene-d12	21.636	240	200037	20.000	ng/ul	0.00
88) Perylene-d12	24.843	264	227463	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	2189	2.535	ng/uL	0.00
4) Pyridine-d5	3.748	84	24749m	8.074	ng/ul	0.00
7) Phenol-d5	7.126	99	23435	7.070	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	46129	23.830	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.484	132	53480	19.441	ng/ul	0.00
15) 4-Methylphenol-d8	8.677	113	73073	28.039	ng/ul	0.00
21) Nitrobenzene-d5	9.117	128	45505	50.047	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	48475	43.844	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	88825	42.093	ng/ul	0.00
31) 4-Chloroaniline-d4	10.909	131	68770	26.452	ng/ul	0.00
46) Dimethylphthalate-d6	14.011	166	226268	38.099	ng/ul	0.00
49) Acenaphthylene-d8	14.305	160	266434	37.676	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	9588	13.380	ng/ul	0.00
60) Fluorene-d10	15.603	176	192431	39.023	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	74831	72.986	ng/ul	0.00
73) Anthracene-d10	17.465	188	317185	41.570	ng/ul	0.00
81) Pyrene-d10	19.756	212	408921	41.040	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.632	264	434590	36.092	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.777	105	8038m	2.096	ng/ul	
30) Naphthalene	10.827	128	1589160	261.205	ng/ul	96
36) 2-Methylnaphthalene	12.431	142	177572	39.469	ng/ul	96
37) 1-Methylnaphthalene	12.654	142	655507	151.737	ng/ul	99
42) 2,4,5-Trichlorophenol	13.141	196	12777	8.134	ng/ul	92
43) 1,1'-Biphenyl	13.441	154	288536	50.815	ng/ul	99
50) Acenaphthylene	14.334	152	41648	6.302	ng/ul#	93
52) Acenaphthene	14.681	153	847481	179.960	ng/ul	97
56) Dibenzofuran	15.010	168	721325	111.332	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.245	232	37560	31.572	ng/ul#	99
61) Fluorene	15.662	166	452522	83.306	ng/ul	95
71) Pentachlorophenol	17.030	266	299957	479.522	ng/ul	97
72) Phenanthrene	17.412	178	789375	91.060	ng/ul	98
74) Anthracene	17.500	178	37672	4.286	ng/ul	96
77) Carbazole	17.782	167	1244877	160.641	ng/ul	96
80) Fluoranthene	19.421	202	94731	7.649	ng/ul	99
82) Pyrene	19.785	202	50947	4.194	ng/ul	99

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

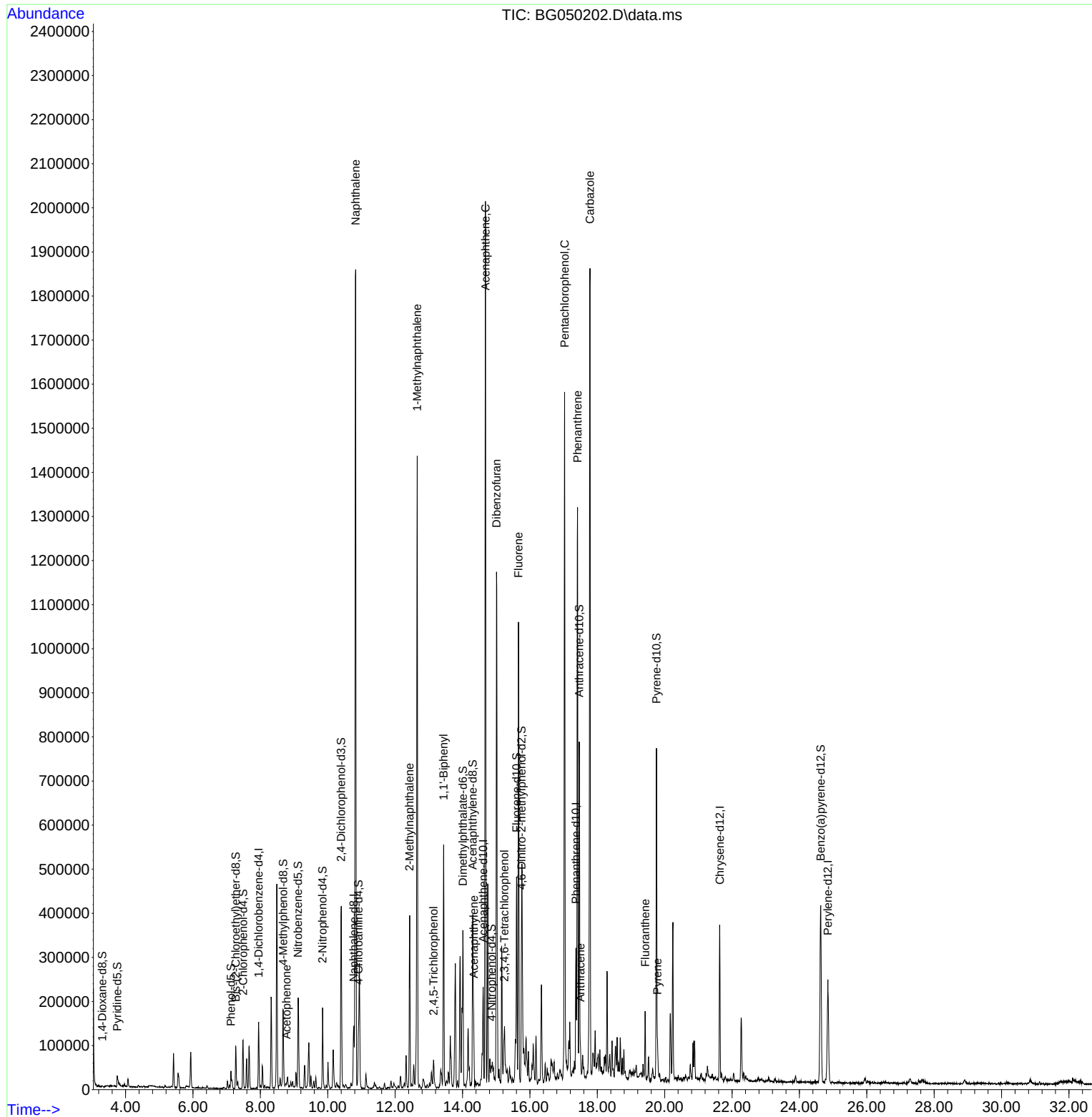
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050202.D
Acq On : 8 Sep 2021 16:36
Operator : CG/JU
Sample : M3608-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

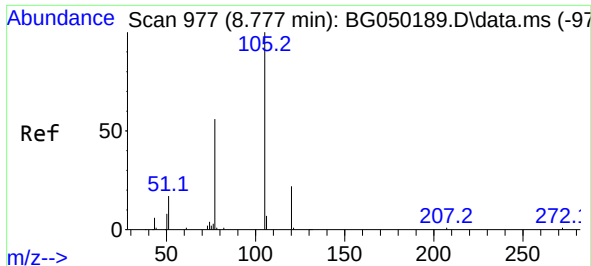
Instrument :
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ClientSampleId :
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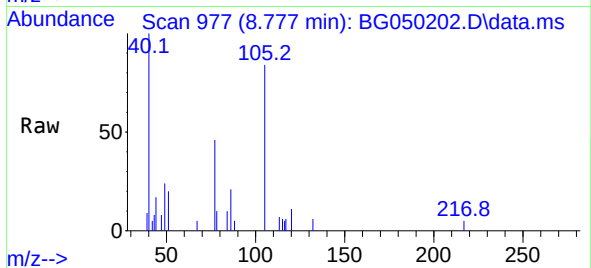
Quant Time: Sep 08 17:47:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.096 ng/ul m
RT: 8.777 min Scan# 977
Delta R.T. -0.008 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36

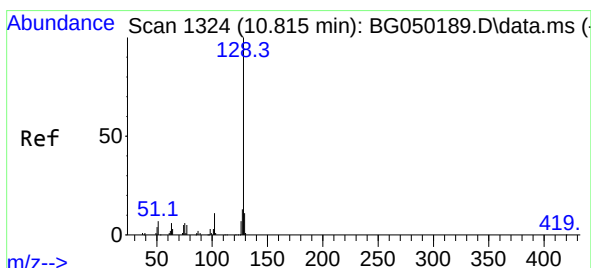
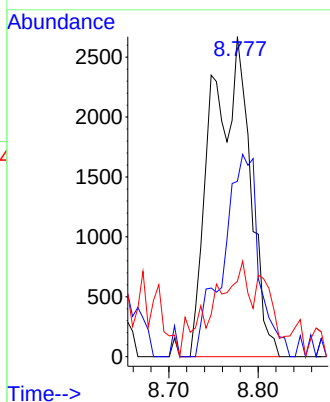
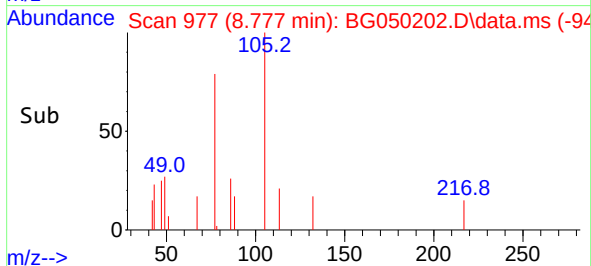
Instrument :
BNA_G
ClientSampleId :
DBKJ9



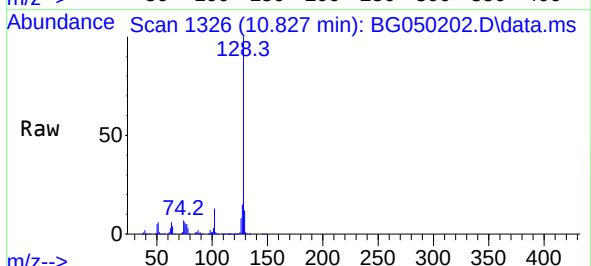
Tgt Ion:105 Resp: 8038
Ion Ratio Lower Upper
105 100
77 54.8 67.7 101.5#
51 23.5 25.3 37.9#

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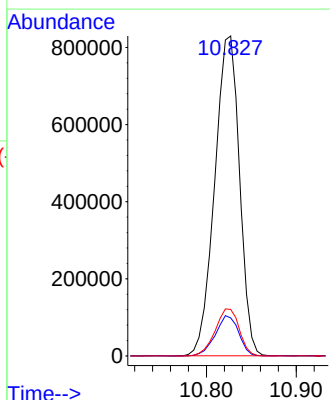
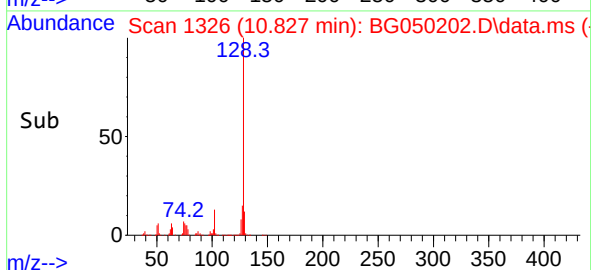
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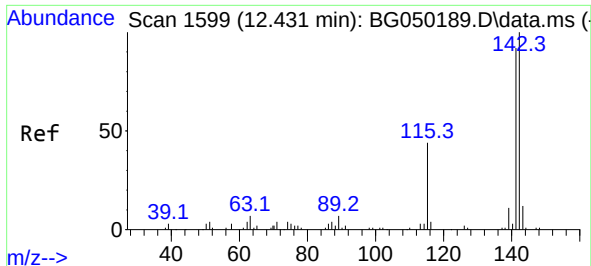


#30
Naphthalene
Concen: 261.205 ng/ul
RT: 10.827 min Scan# 1326
Delta R.T. 0.004 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36



Tgt Ion:128 Resp: 1589160
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 14.6 9.8 14.6





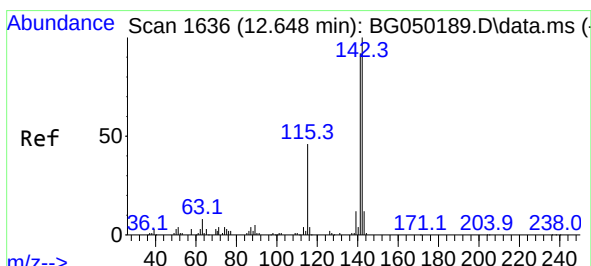
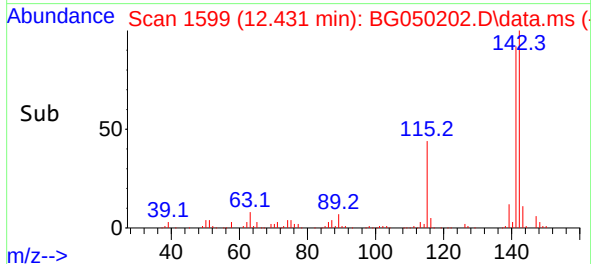
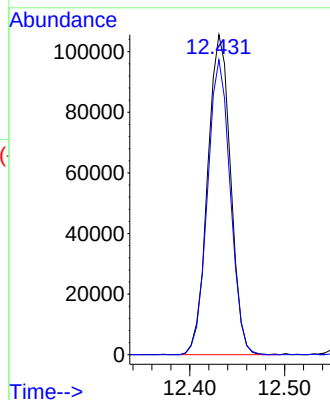
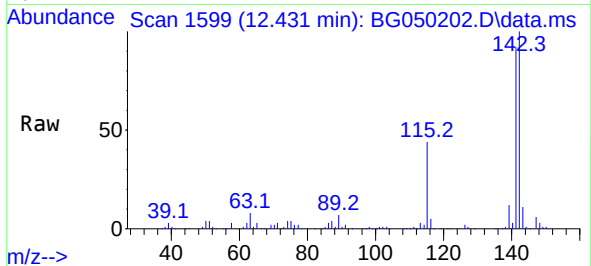
#36
2-Methylnaphthalene
Concen: 39.469 ng/ul
RT: 12.431 min Scan# 1599
Delta R.T. -0.008 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36

Instrument :
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ClientSampled :
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Tgt Ion:142 Resp: 177572
Ion Ratio Lower Upper
142 100
141 92.2 70.5 105.7

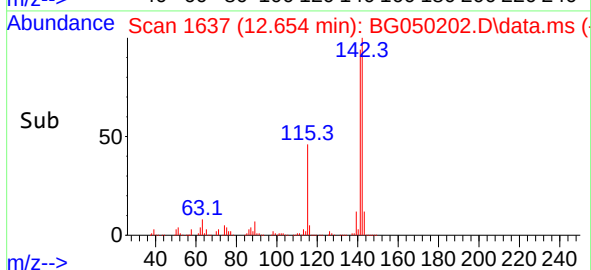
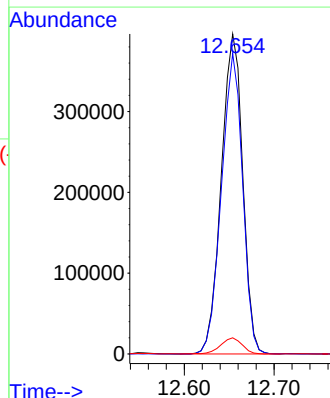
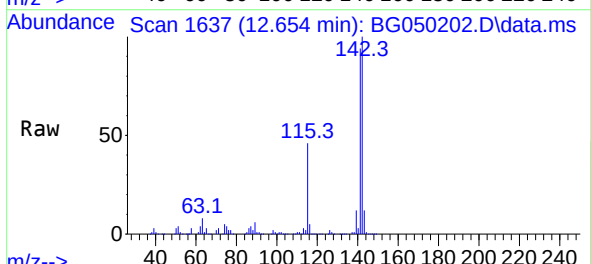
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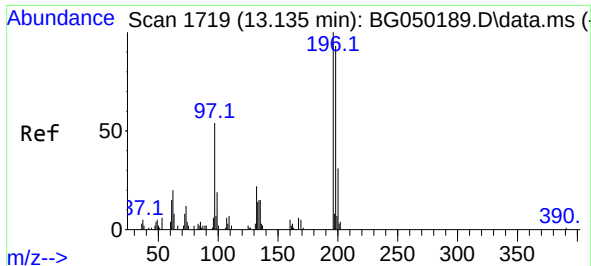
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#37
1-Methylnaphthalene
Concen: 151.737 ng/ul
RT: 12.654 min Scan# 1637
Delta R.T. -0.002 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36

Tgt Ion:142 Resp: 655507
Ion Ratio Lower Upper
142 100
141 93.9 75.8 113.8
116 5.0 3.7 5.5





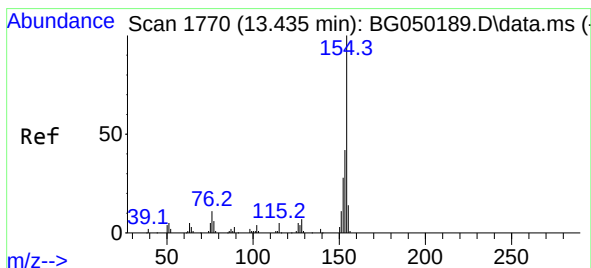
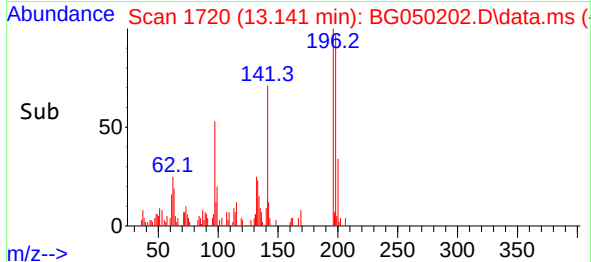
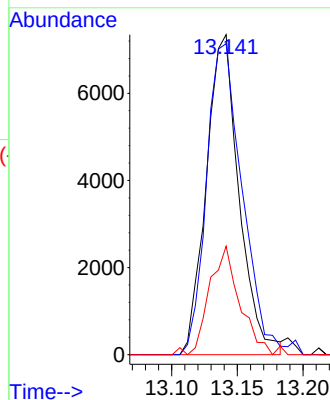
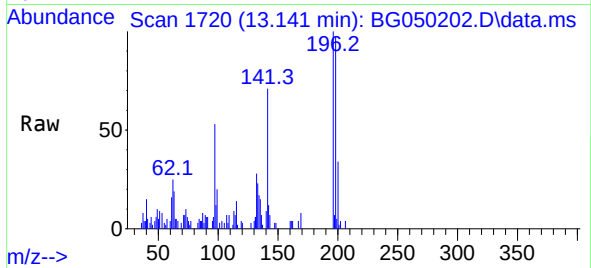
#42
2,4,5-Trichlorophenol
Concen: 8.134 ng/ul
RT: 13.141 min Scan# 1720
Delta R.T. -0.002 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36

Tgt Ion:196 Resp: 12777
Ion Ratio Lower Upper
196 100
198 97.2 70.3 105.5
200 33.9 26.6 40.0

Instrument :
BNA_G
ClientSampleId :
DBKJ9

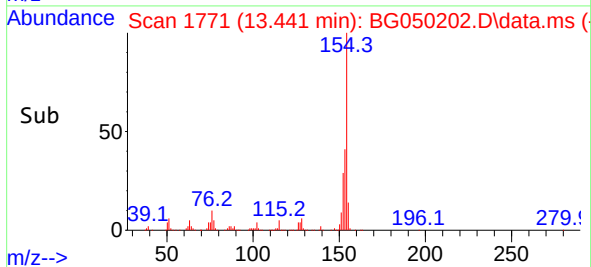
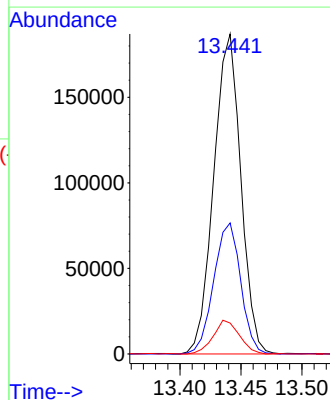
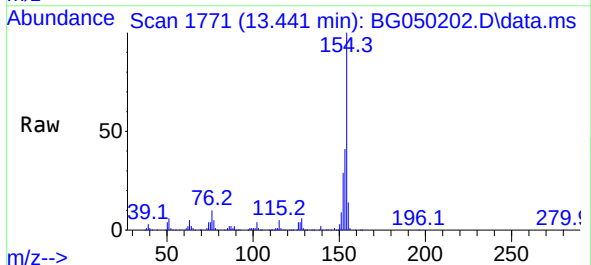
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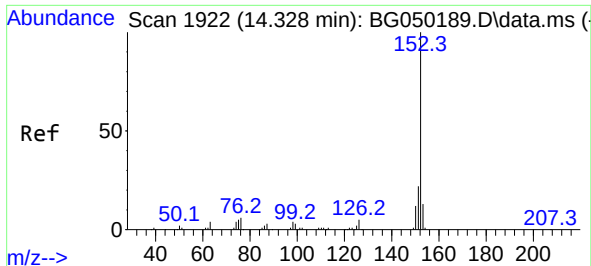
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#43
1,1'-Biphenyl
Concen: 50.815 ng/ul
RT: 13.441 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36

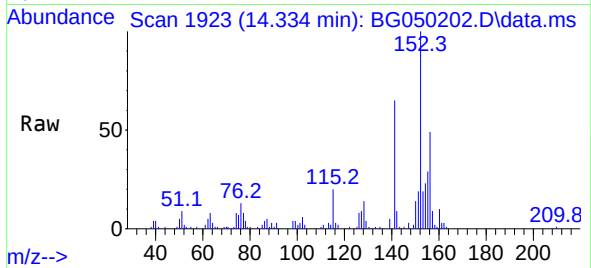
Tgt Ion:154 Resp: 288536
Ion Ratio Lower Upper
154 100
153 40.9 32.5 48.7
76 9.7 7.8 11.8





#50
Acenaphthylene
Concen: 6.302 ng/u1
RT: 14.334 min Scan# 1923
Delta R.T. -0.002 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36

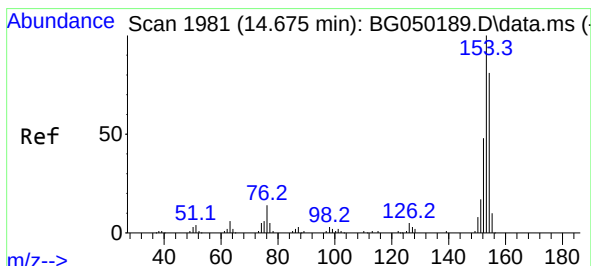
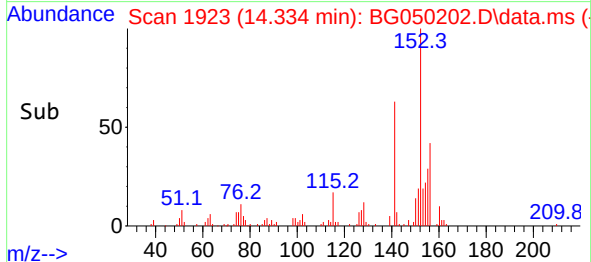
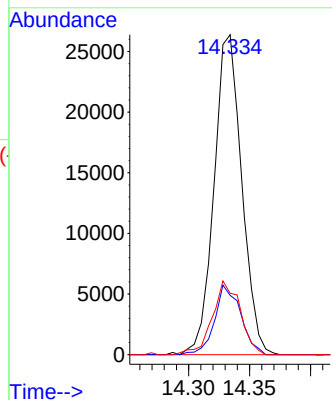
Instrument :
BNA_G
ClientSampled :
DBKJ9



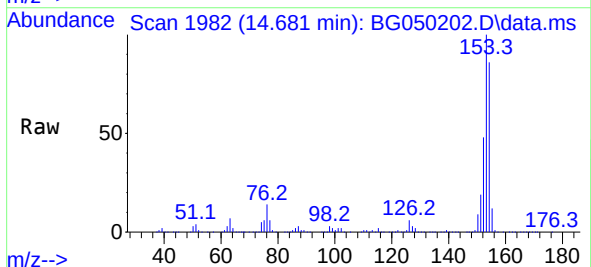
Tgt Ion:152 Resp: 41648
Ion Ratio Lower Upper
152 100
151 18.5 15.2 22.8
153 19.2 10.7 16.1#

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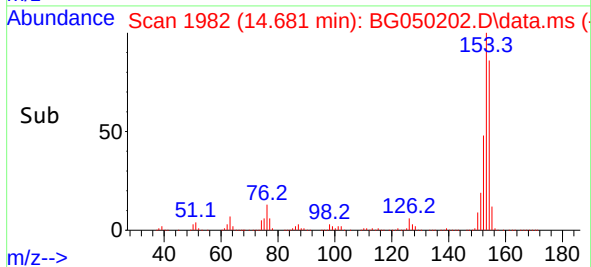
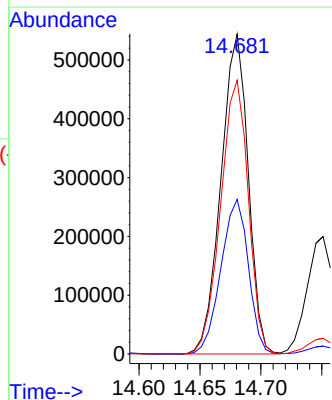
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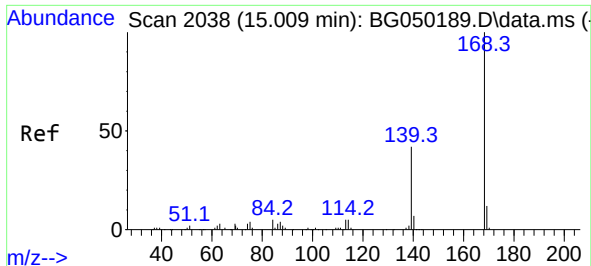


#52
Acenaphthene
Concen: 179.960 ng/u1
RT: 14.681 min Scan# 1982
Delta R.T. 0.004 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36



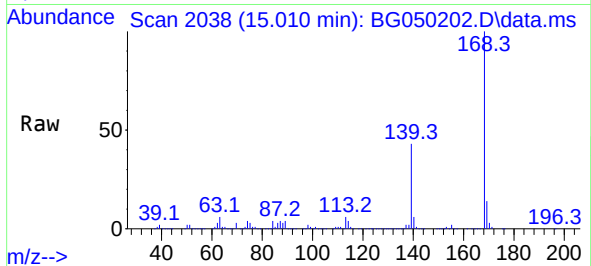
Tgt Ion:153 Resp: 847481
Ion Ratio Lower Upper
153 100
152 48.3 37.4 56.2
154 85.6 71.5 107.3





#56
Dibenzofuran
Concen: 111.332 ng/ul
RT: 15.010 min Scan# 2038
Delta R.T. -0.008 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36

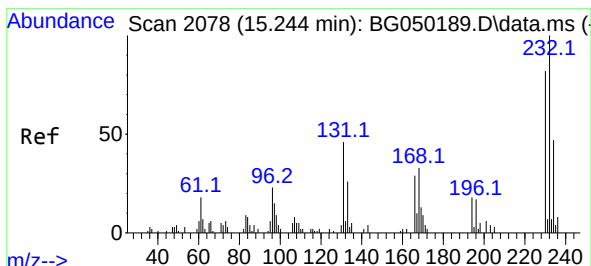
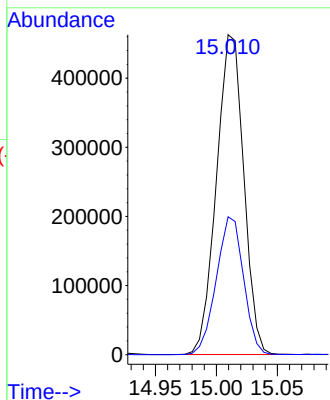
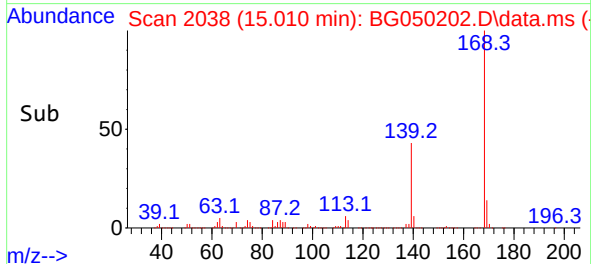
Instrument :
BNA_G
ClientSampled :
DBKJ9



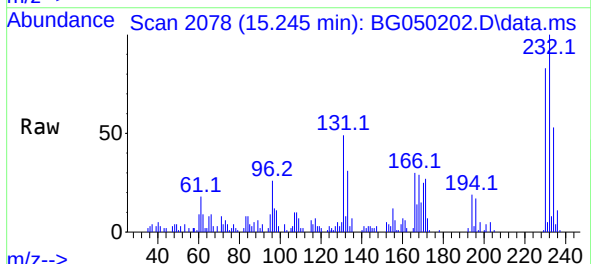
Tgt Ion:168 Resp: 721325
Ion Ratio Lower Upper
168 100
139 43.1 33.8 50.8

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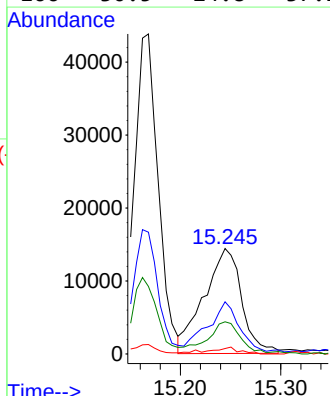
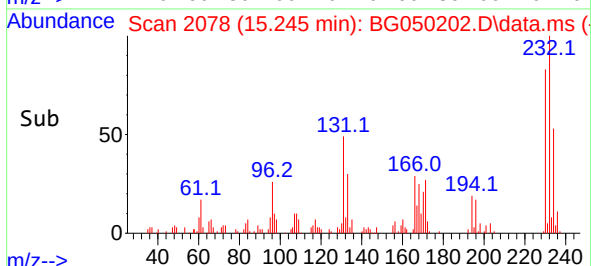
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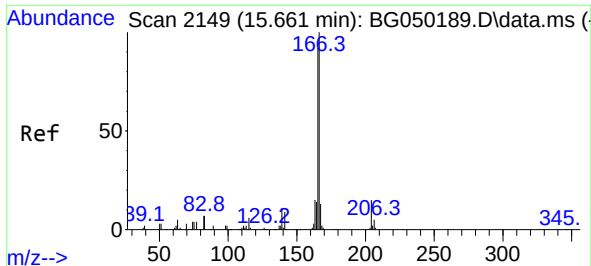


#58
2,3,4,6-Tetrachlorophenol
Concen: 31.572 ng/ul
RT: 15.245 min Scan# 2078
Delta R.T. -0.008 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36



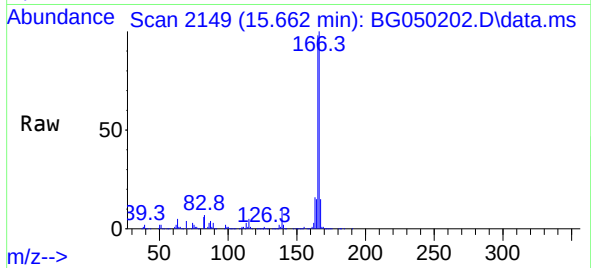
Tgt Ion:232 Resp: 37560
Ion Ratio Lower Upper
232 100
131 49.5 40.0 60.0
130 5.1 1.8 2.8#
166 30.5 24.8 37.2





#61
Fluorene
Concen: 83.306 ng/ul
RT: 15.662 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36

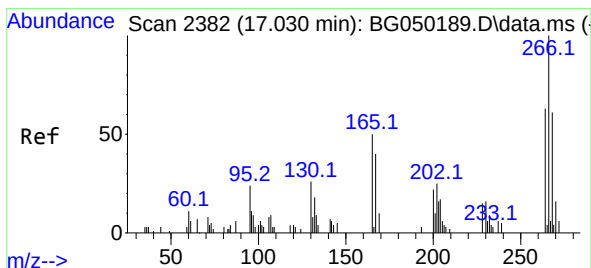
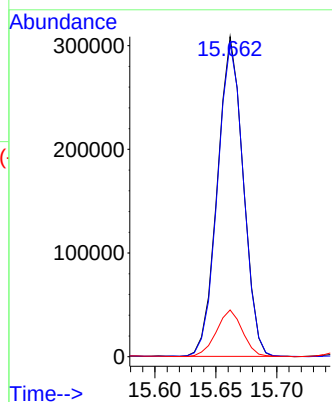
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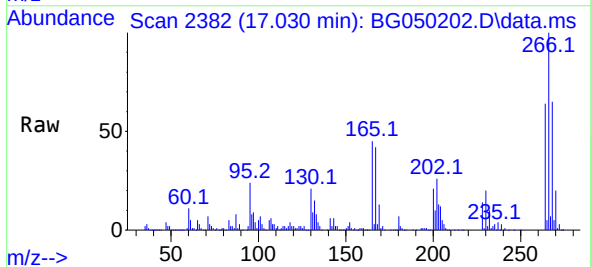
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Ion Ratio Lower Upper
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165 98.0 83.3 124.9
167 14.6 11.8 17.6

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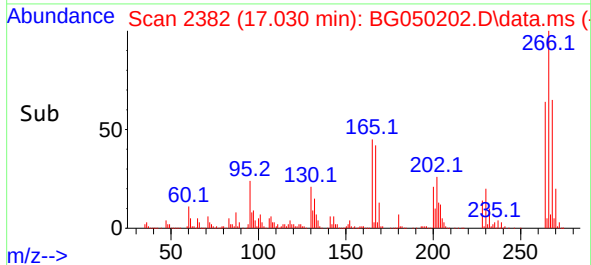
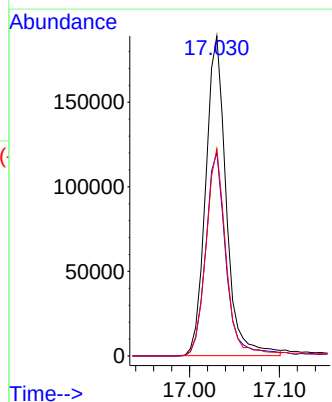
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9/9/2021 11:45:52 AM

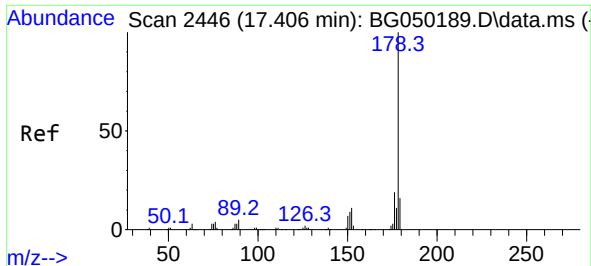


#71
Pentachlorophenol
Concen: 479.522 ng/ul
RT: 17.030 min Scan# 2382
Delta R.T. -0.008 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36



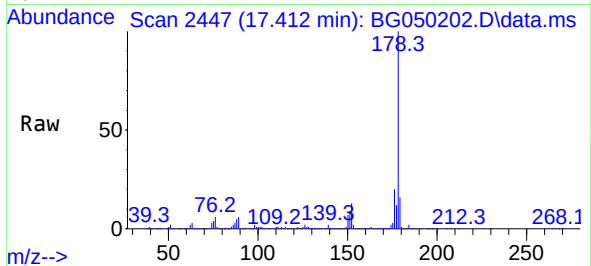
Tgt Ion:266 Resp: 299957
Ion Ratio Lower Upper
266 100
264 63.6 54.1 81.1
268 64.7 52.6 78.8





#72
Phenanthrene
Concen: 91.060 ng/u1
RT: 17.412 min Scan# 2447
Delta R.T. -0.002 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36

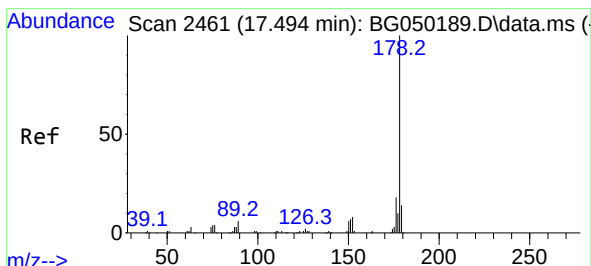
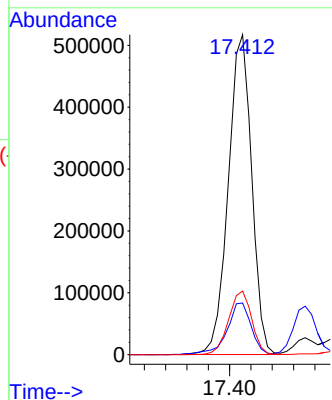
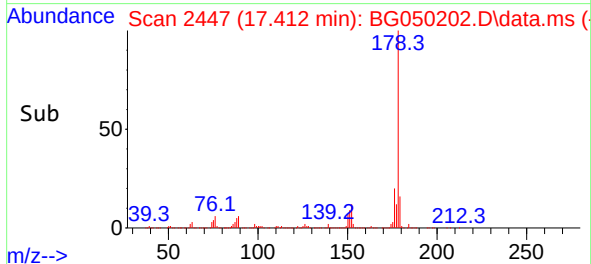
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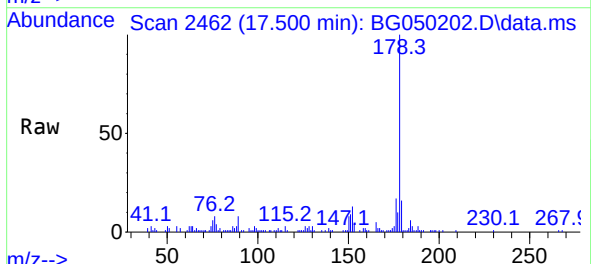
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Ion Ratio Lower Upper
178 100
179 16.2 11.7 17.5
176 19.9 16.2 24.2

Manual Integrations
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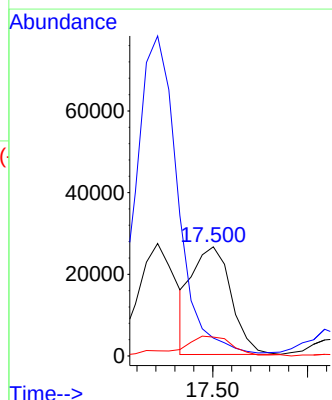
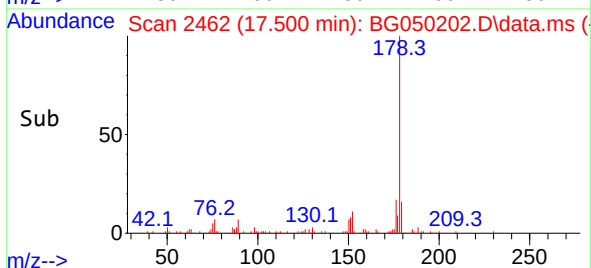
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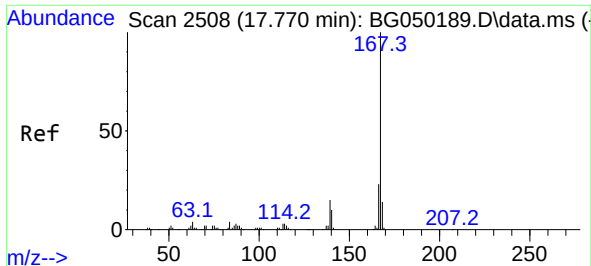


#74
Anthracene
Concen: 4.286 ng/u1
RT: 17.500 min Scan# 2462
Delta R.T. -0.002 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36

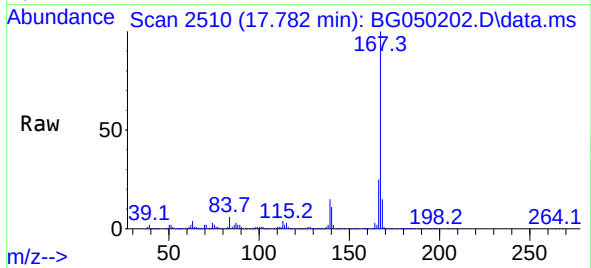


Tgt Ion:178 Resp: 37672
Ion Ratio Lower Upper
178 100
179 16.5 11.4 17.0
176 17.4 12.8 19.2



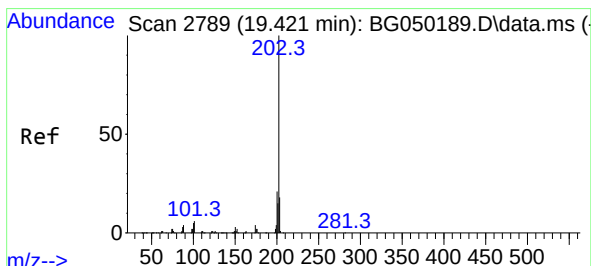
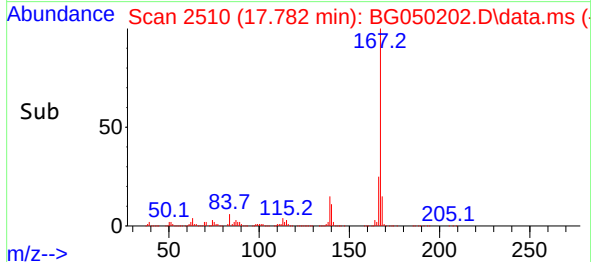
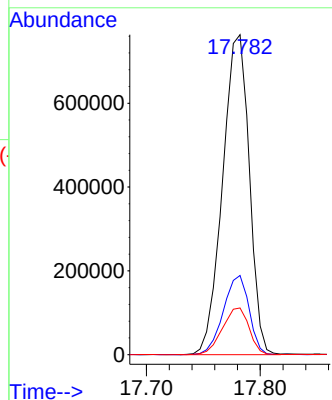


#77
Carbazole
Concen: 160.641 ng/ul
RT: 17.782 min Scan# 2510
Delta R.T. 0.004 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36

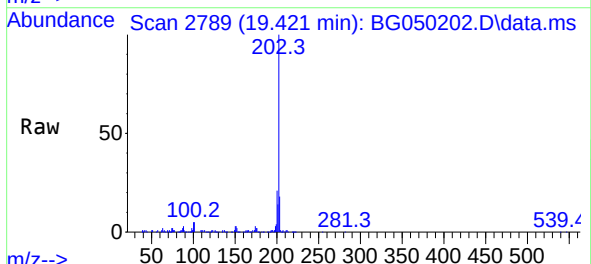


Tgt Ion:167 Resp: 1244877

Ion	Ratio	Lower	Upper
167	100		
166	24.7	17.8	26.8
139	14.6	11.1	16.7

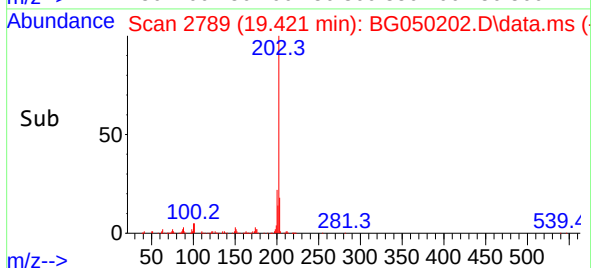
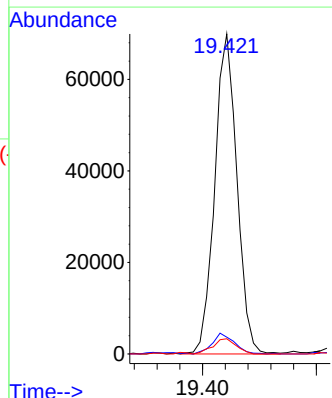


#80
Fluoranthene
Concen: 7.649 ng/ul
RT: 19.421 min Scan# 2789
Delta R.T. -0.008 min
Lab File: BG050202.D
Acq: 8 Sep 2021 16:36



Tgt Ion:202 Resp: 94731

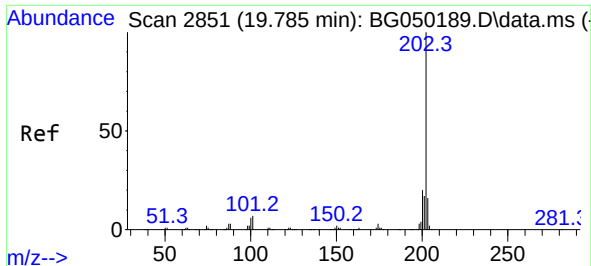
Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.3	6.5
100	4.7	3.5	5.3



Instrument :
BNA_G
ClientSampleId :
DBKJ9

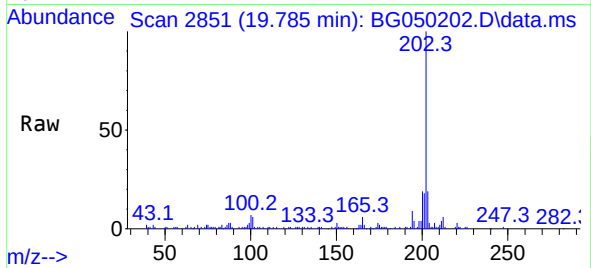
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#82
 Pyrene
 Concen: 4.194 ng/ul
 RT: 19.785 min Scan# 2851
 Delta R.T. -0.002 min
 Lab File: BG050202.D
 Acq: 8 Sep 2021 16:36

Instrument :
 BNA_G
 ClientSampleId :
 DBKJ9



Tgt Ion:202 Resp: 50947
 Ion Ratio Lower Upper
 202 100
 101 6.1 5.4 8.0
 100 6.6 5.0 7.6

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