

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050080.D
 Acq On : 1 Sep 2021 2:02
 Operator : CG/JU
 Sample : M3486-11
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY8

Manual Integrations
 APPROVED

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Quant Time: Sep 01 04:47:30 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	7.960	152	33409	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	135201	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	92249	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	187656	20.000	ng/ul	0.00
79) Chrysene-d12	21.653	240	169462	20.000	ng/ul	0.00
88) Perylene-d12	24.884	264	176599	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	964	1.488	ng/uL	0.00
4) Pyridine-d5	3.766	84	8084m	4.142	ng/ul	0.02
7) Phenol-d5	7.132	99	24220	8.537	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.284	67	16735	10.618	ng/ul	0.00
11) 2-Chlorophenol-d4	7.496	132	21840	10.289	ng/ul	0.00
15) 4-Methylphenol-d8	8.682	113	17818	7.975	ng/ul	0.00
21) Nitrobenzene-d5	9.135	128	11713	11.175	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	14127	11.319	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.415	165	23587	10.595	ng/ul	0.01
31) 4-Chloroaniline-d4	10.921	131	23989	7.917	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	81422	11.533	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	98738	11.928	ng/ul	0.00
54) 4-Nitrophenol-d4	14.862	143	7164	7.014	ng/ul	0.02
60) Fluorene-d10	15.614	176	69390	11.592	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.761	200	5767m	4.777	ng/ul	0.00
73) Anthracene-d10	17.476	188	107101	12.710	ng/ul	0.00
81) Pyrene-d10	19.767	212	128076	13.986	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.661	264	117522	12.544	ng/ul	0.01
Target Compounds					Qvalue	
16) Acetophenone	8.794	105	3764	1.033	ng/ul#	80
30) Naphthalene	10.832	128	27818	4.116	ng/ul#	91
36) 2-Methylnaphthalene	12.442	142	21879	4.355	ng/ul	97
37) 1-Methylnaphthalene	12.659	142	17041	3.361	ng/ul#	89
50) Acenaphthylene	14.351	152	9810	1.297	ng/ul#	89
56) Dibenzofuran	15.027	168	9421	1.240	ng/ul	100
72) Phenanthrene	17.418	178	31407	3.357	ng/ul	98
74) Anthracene	17.512	178	13086	1.380	ng/ul#	87
77) Carbazole	17.782	167	9684	1.148	ng/ul#	93
80) Fluoranthene	19.433	202	206296	18.256	ng/ul#	97
82) Pyrene	19.797	202	192694	17.208	ng/ul	99
85) Benzo(a)anthracene	21.635	228	96251	9.115	ng/ul#	93
87) Chrysene	21.700	228	117185	11.740	ng/ul	95
90) Benzo(b)fluoranthene	23.856	252	222364	19.685	ng/ul#	98
91) Benzo(k)fluoranthene	23.909	252	75607m	7.041	ng/ul	
93) Benzo(a)pyrene	24.725	252	118187	12.047	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.579	276	114929m	8.881	ng/ul	
95) Dibenzo(a,h)anthracene	28.620	278	30915m	2.854	ng/ul	
96) Benzo(g,h,i)perylene	29.736	276	92058m	8.461	ng/ul	

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

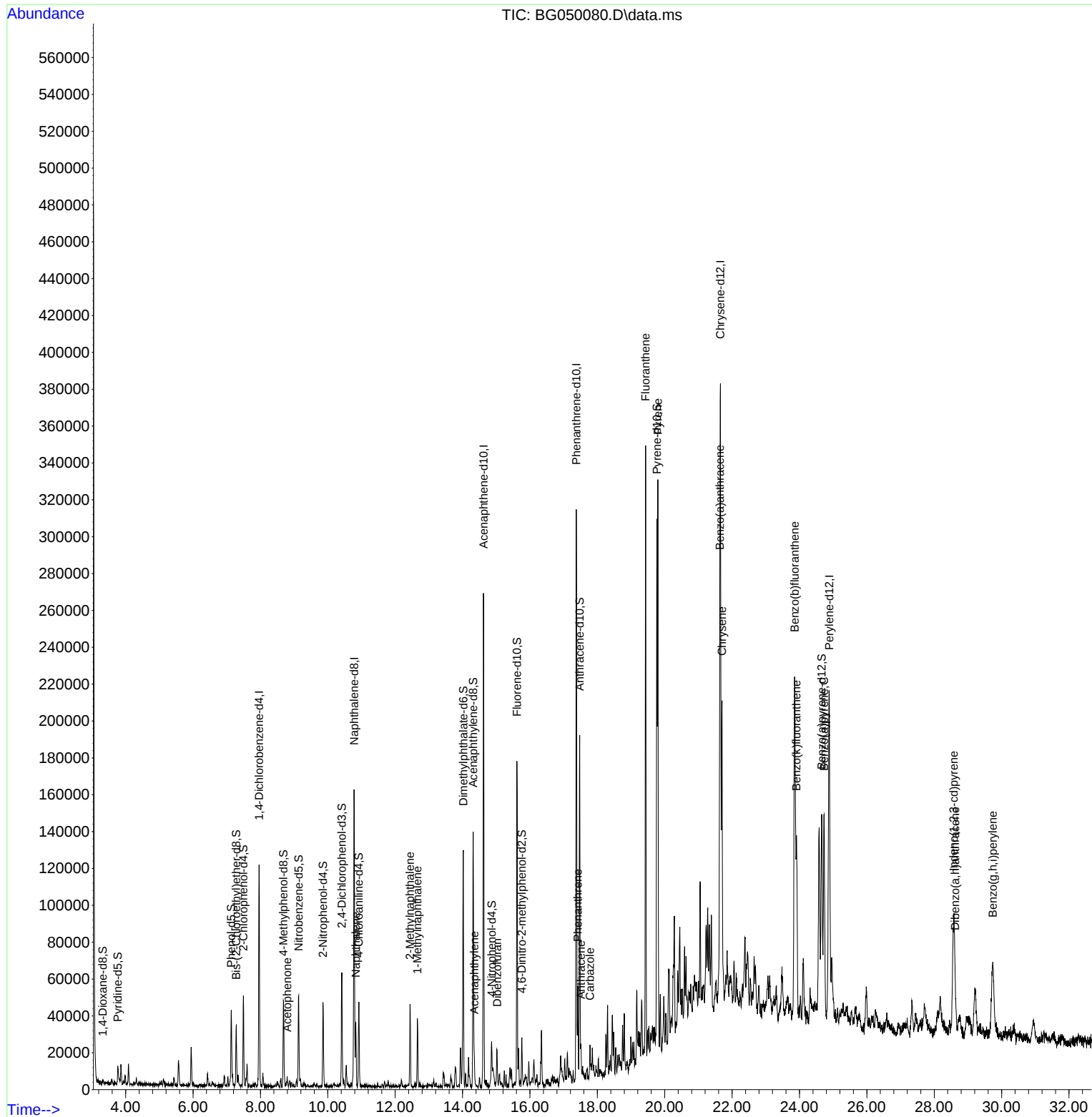
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Data File : BG050080.D
Acq On : 1 Sep 2021 2:02
Operator : CG/JU
Sample : M3486-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

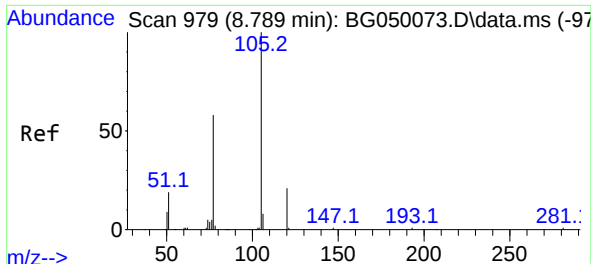
Instrument :
BNA_G
ClientSampleId :
C0AY8

Manual Integrations
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Quant Time: Sep 01 04:47:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
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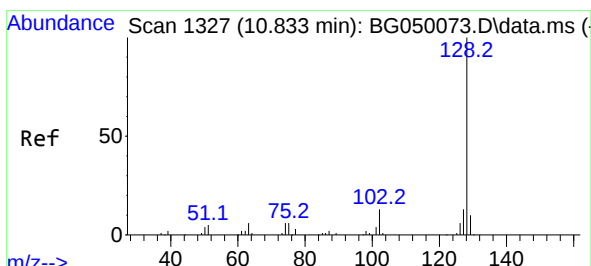
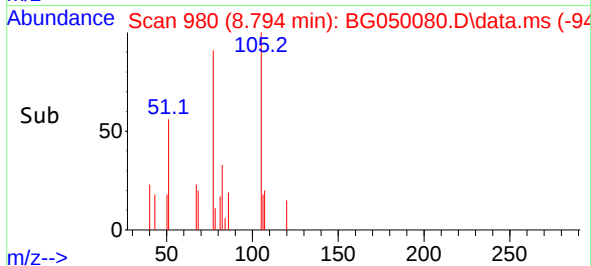
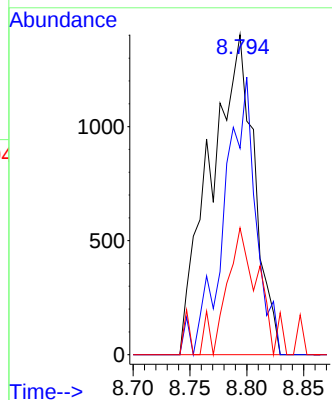
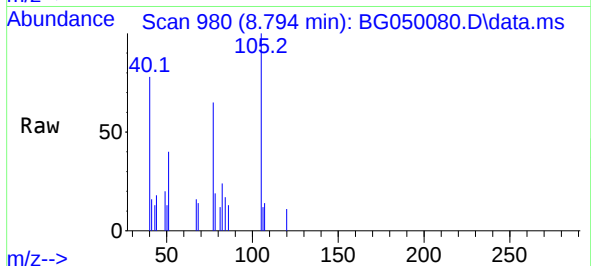
#16
Acetophenone
Concen: 1.033 ng/ul
RT: 8.794 min Scan# 980
Delta R.T. 0.005 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02

Instrument :
BNA_G
ClientSampled :
C0AY8

Tgt Ion:105 Resp: 3764
Ion Ratio Lower Upper
105 100
77 64.5 67.7 101.5#
51 39.6 25.3 37.9#

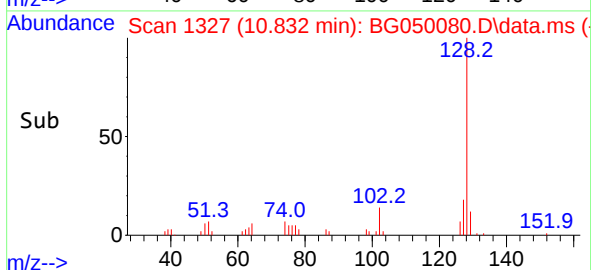
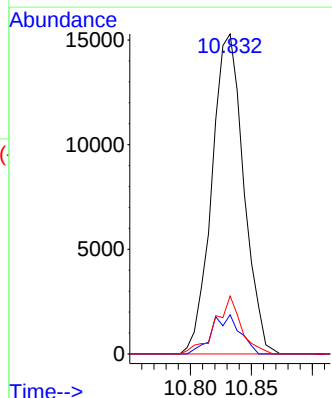
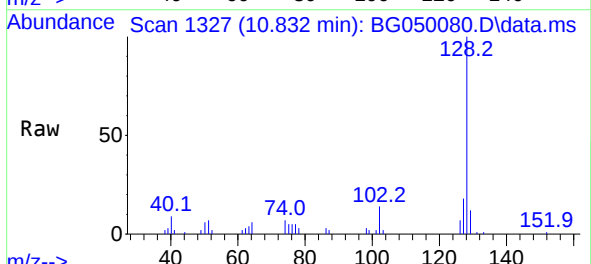
Manual Integrations
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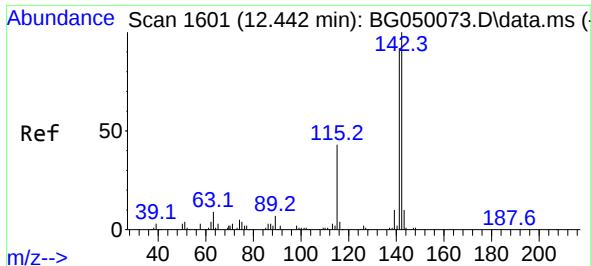
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#30
Naphthalene
Concen: 4.116 ng/ul
RT: 10.832 min Scan# 1327
Delta R.T. 0.005 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02

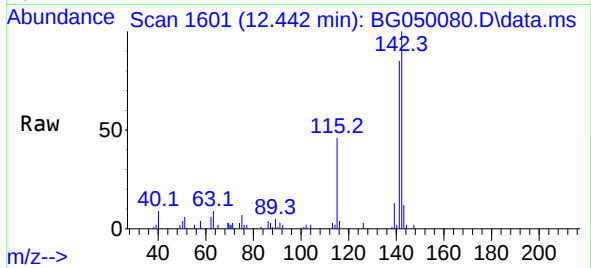
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Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 18.1 9.8 14.6#





#36
2-Methylnaphthalene
Concen: 4.355 ng/ul
RT: 12.442 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02

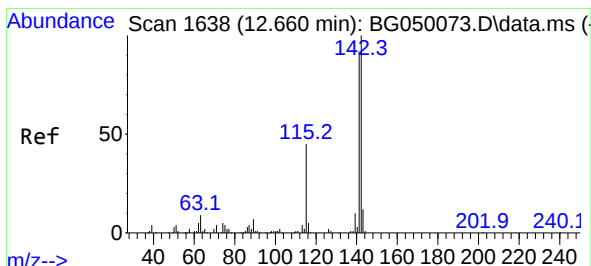
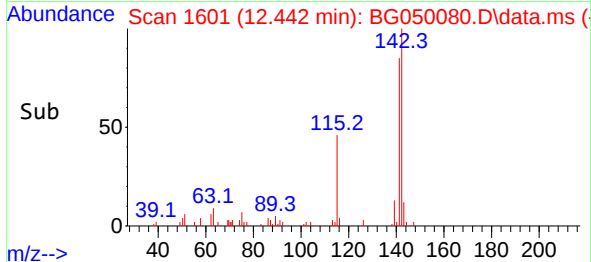
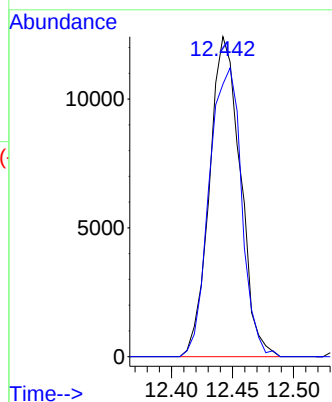
Instrument :
BNA_G
ClientSampled :
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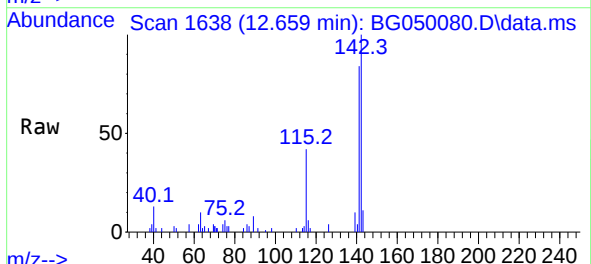
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Ion Ratio Lower Upper
142 100
141 85.1 70.5 105.7

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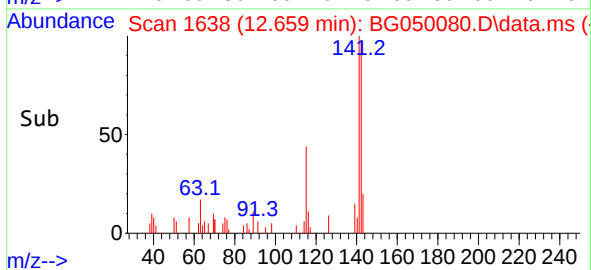
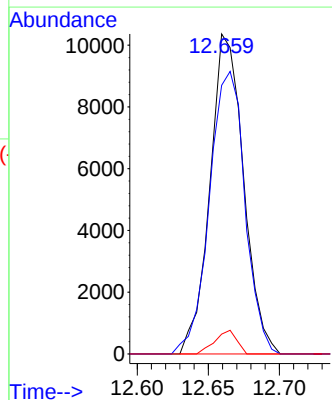
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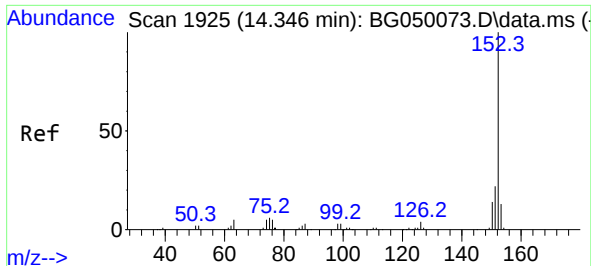


#37
1-Methylnaphthalene
Concen: 3.361 ng/ul
RT: 12.659 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02



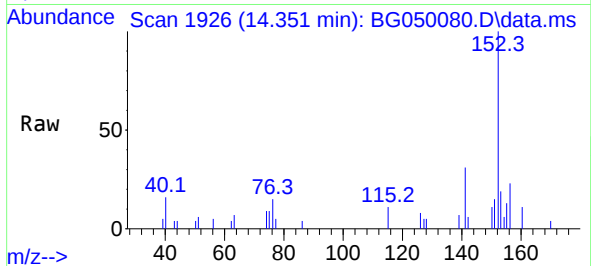
Tgt Ion:142 Resp: 17041
Ion Ratio Lower Upper
142 100
141 84.0 75.8 113.8
116 6.2 3.7 5.5#





#50
Acenaphthylene
Concen: 1.297 ng/ul
RT: 14.351 min Scan# 1926
Delta R.T. 0.005 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02

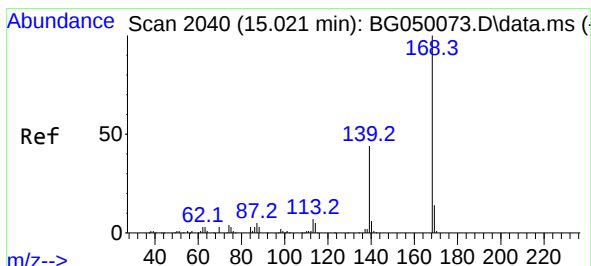
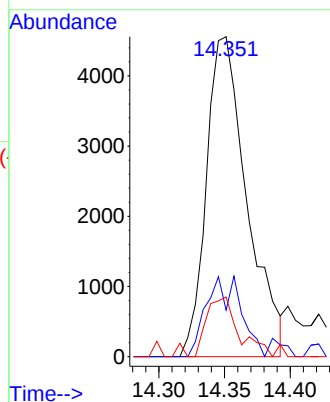
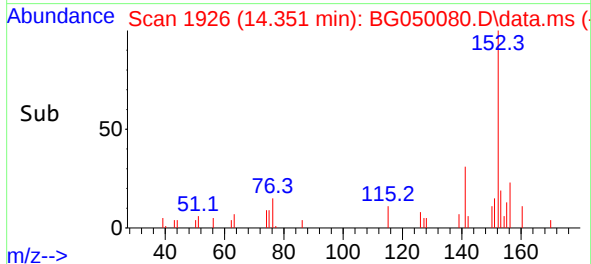
Instrument :
BNA_G
ClientSampled :
C0AY8



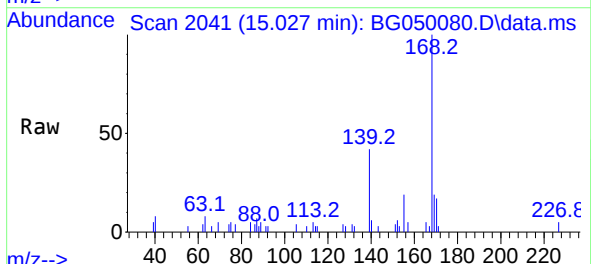
Tgt Ion:152 Resp: 9810
Ion Ratio Lower Upper
152 100
151 14.6 15.2 22.8#
153 18.6 10.7 16.1#

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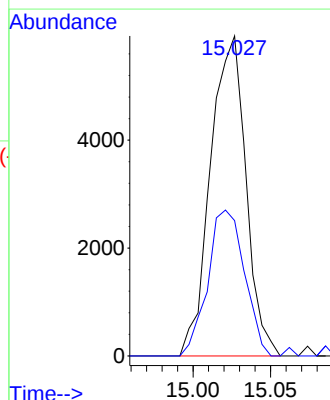
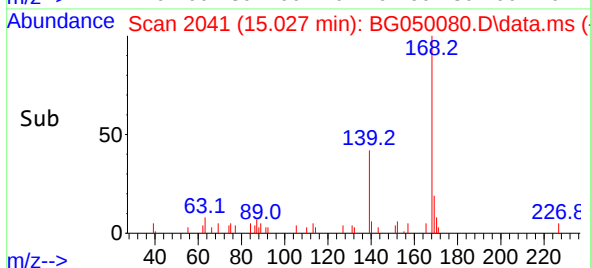
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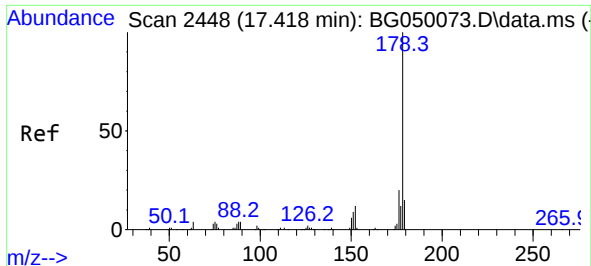


#56
Dibenzofuran
Concen: 1.240 ng/ul
RT: 15.027 min Scan# 2041
Delta R.T. 0.005 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02



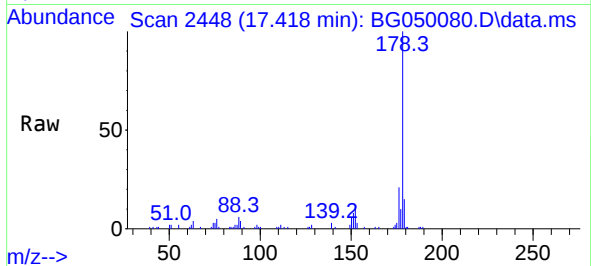
Tgt Ion:168 Resp: 9421
Ion Ratio Lower Upper
168 100
139 42.3 33.8 50.8





#72
Phenanthrene
Concen: 3.357 ng/u1
RT: 17.418 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02

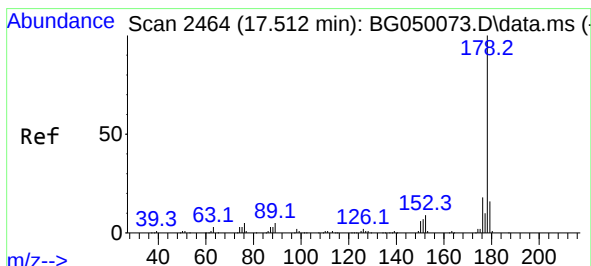
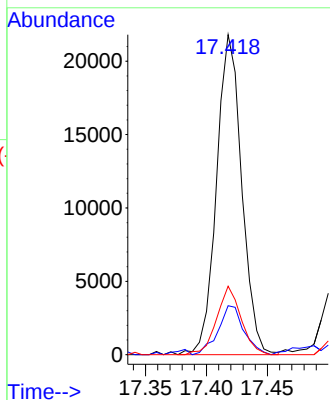
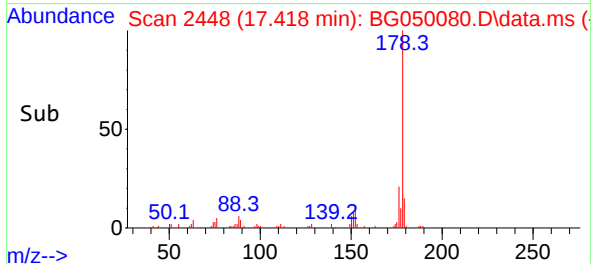
Instrument :
BNA_G
ClientSampled :
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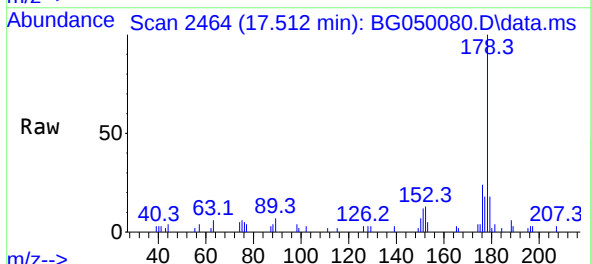
Tgt Ion:178 Resp: 31407
Ion Ratio Lower Upper
178 100
179 15.3 11.7 17.5
176 21.4 16.2 24.2

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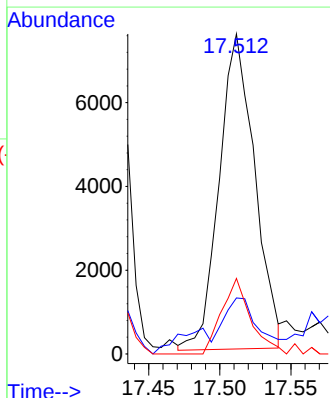
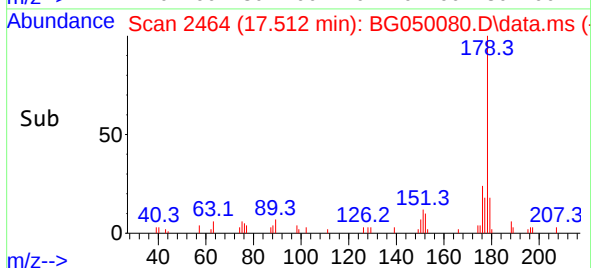
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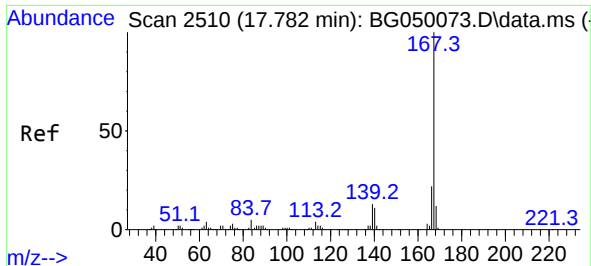


#74
Anthracene
Concen: 1.380 ng/u1
RT: 17.512 min Scan# 2464
Delta R.T. 0.005 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02



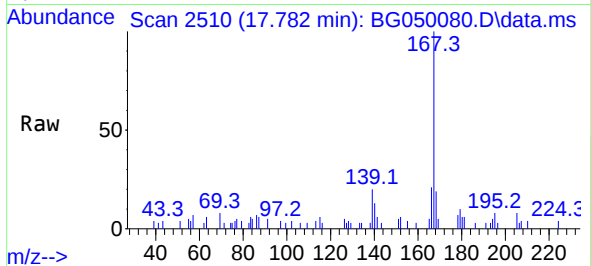
Tgt Ion:178 Resp: 13086
Ion Ratio Lower Upper
178 100
179 17.5 11.4 17.0#
176 23.6 12.8 19.2#





#77
 Carbazole
 Concen: 1.148 ng/ul
 RT: 17.782 min Scan# 2510
 Delta R.T. -0.000 min
 Lab File: BG050080.D
 Acq: 1 Sep 2021 2:02

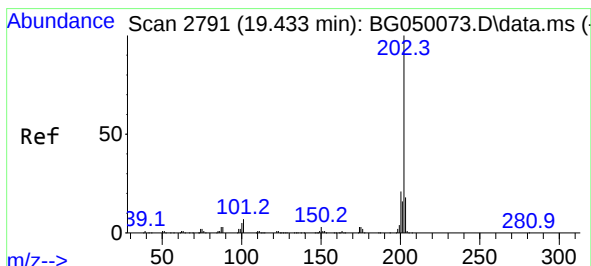
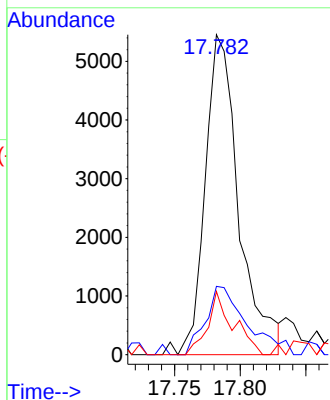
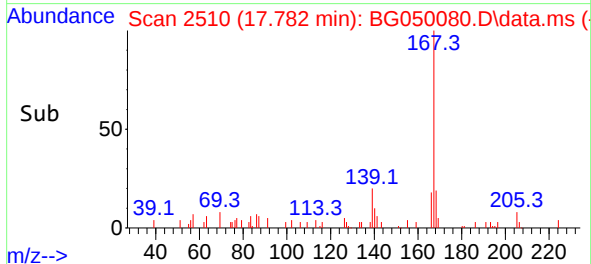
Instrument :
 BNA_G
 ClientSampled :
 C0AY8



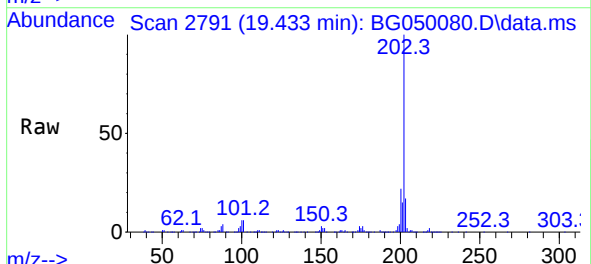
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 Ion Ratio Lower Upper
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 166 21.3 17.8 26.8
 139 19.7 11.1 16.7#

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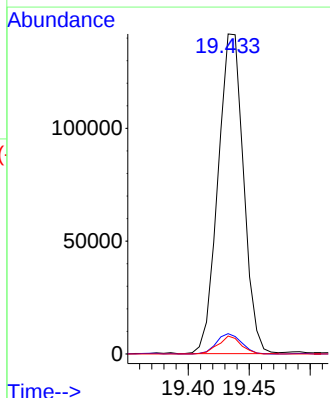
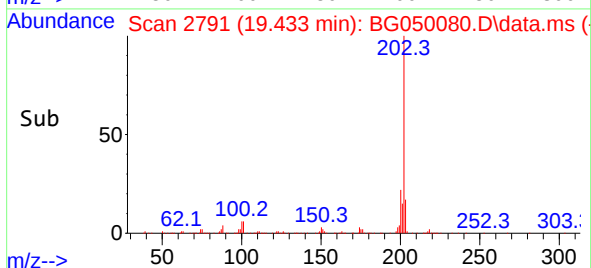
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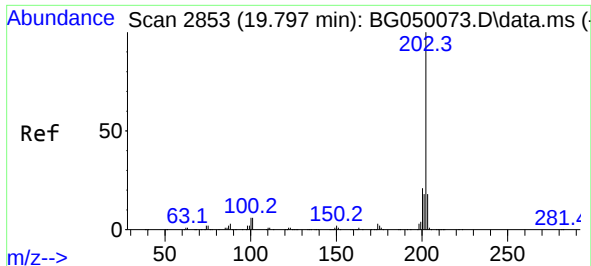


#80
 Fluoranthene
 Concen: 18.256 ng/ul
 RT: 19.433 min Scan# 2791
 Delta R.T. -0.000 min
 Lab File: BG050080.D
 Acq: 1 Sep 2021 2:02



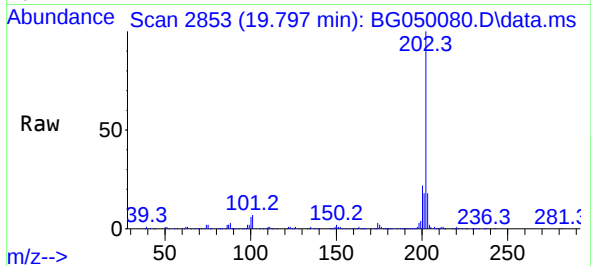
Tgt Ion:202 Resp: 206296
 Ion Ratio Lower Upper
 202 100
 101 6.3 4.3 6.5
 100 5.6 3.5 5.3#





#82
Pyrene
Concen: 17.208 ng/u1
RT: 19.797 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02

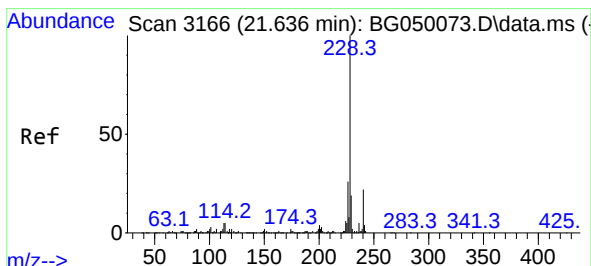
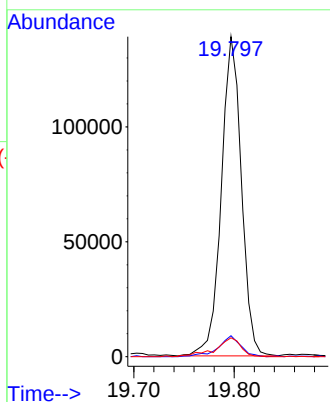
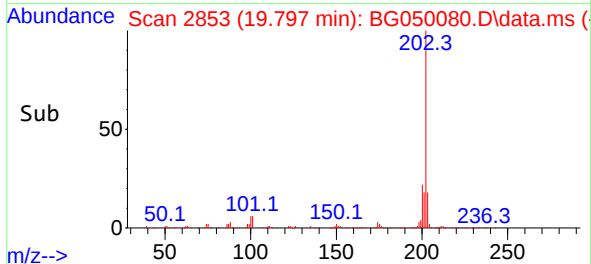
Instrument :
BNA_G
ClientSampled :
C0AY8



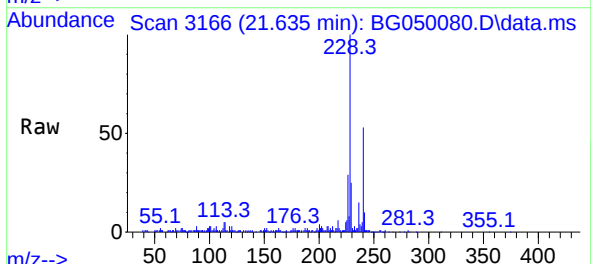
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Ion Ratio Lower Upper
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101 6.5 5.4 8.0
100 5.9 5.0 7.6

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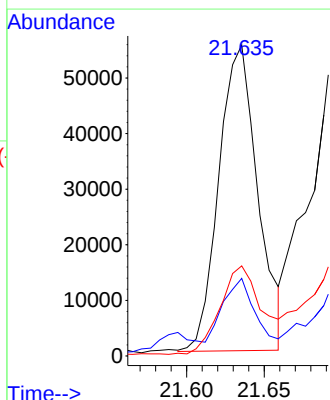
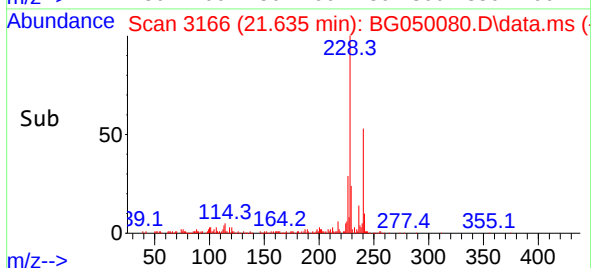
mohammad
9/1/2021 4:50:26 PM

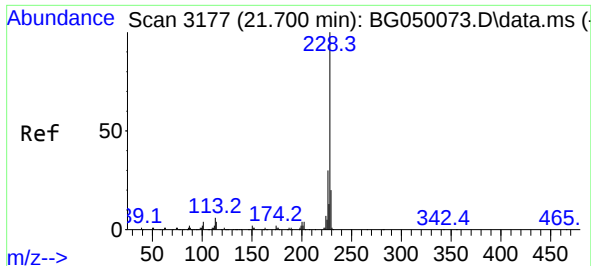


#85
Benzo(a)anthracene
Concen: 9.115 ng/u1
RT: 21.635 min Scan# 3166
Delta R.T. 0.005 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02



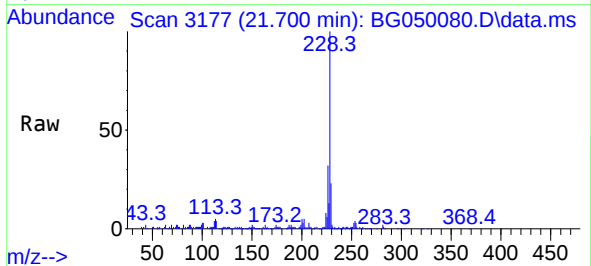
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Ion Ratio Lower Upper
228 100
229 24.9 16.2 24.4#
226 29.0 21.0 31.4





#87
Chrysene
Concen: 11.740 ng/ul
RT: 21.700 min Scan# 3177
Delta R.T. 0.005 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02

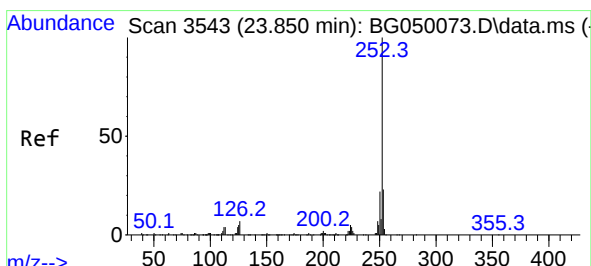
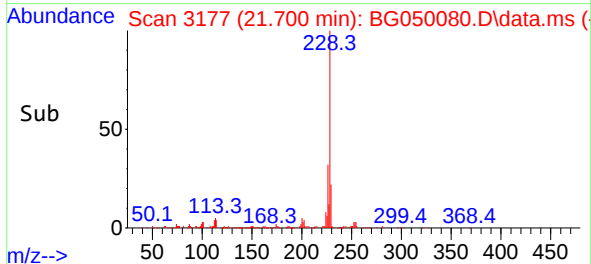
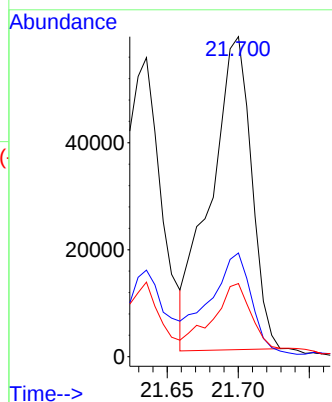
Instrument :
BNA_G
ClientSampled :
C0AY8



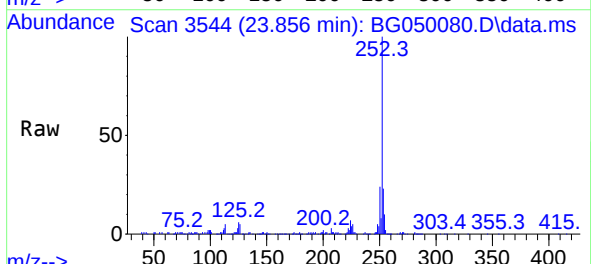
Tgt Ion:228 Resp: 117185
Ion Ratio Lower Upper
228 100
226 32.4 23.0 34.4
229 22.8 17.8 26.6

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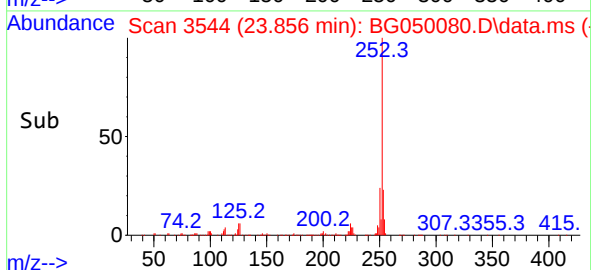
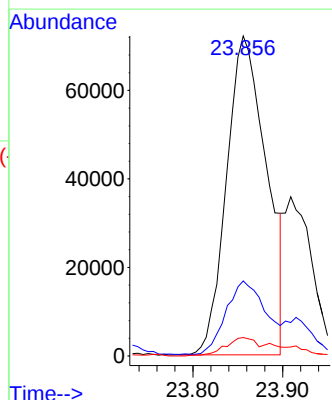
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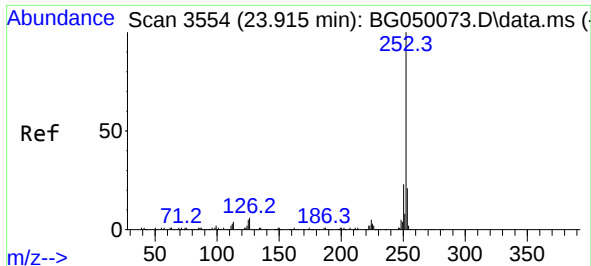


#90
Benzo(b)fluoranthene
Concen: 19.685 ng/ul
RT: 23.856 min Scan# 3544
Delta R.T. 0.011 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02



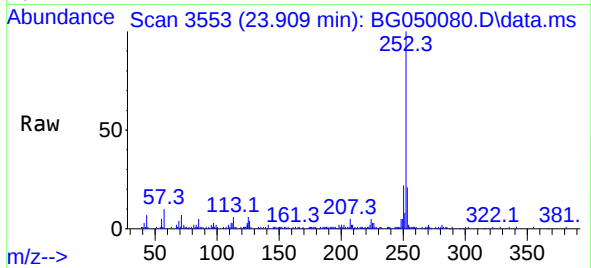
Tgt Ion:252 Resp: 222364
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 5.7 3.4 5.0#





#91
Benzo(k)fluoranthene
Concen: 7.041 ng/ul m
RT: 23.909 min Scan# 3553
Delta R.T. -0.000 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02

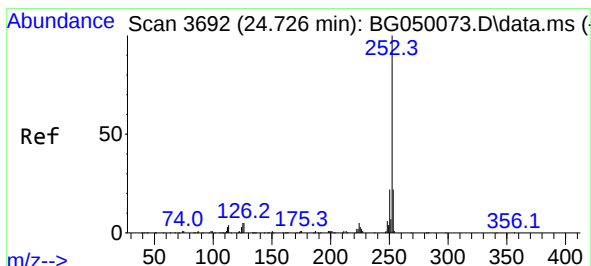
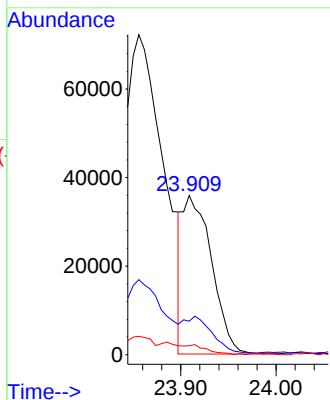
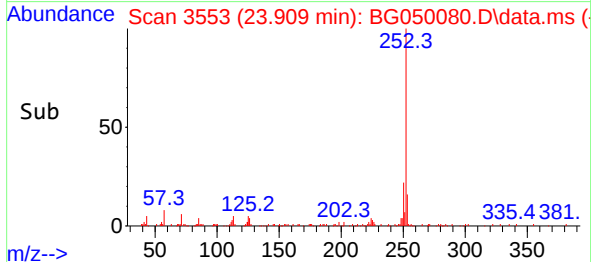
Instrument :
BNA_G
ClientSampled :
C0AY8



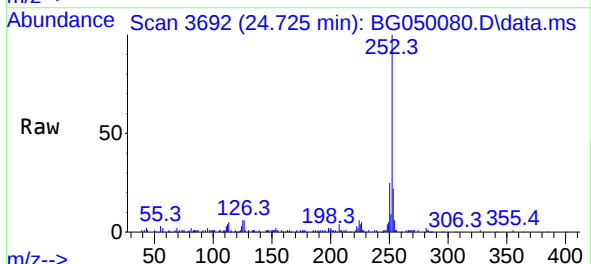
Tgt Ion:252 Resp: 75607
Ion Ratio Lower Upper
252 100
253 21.0 17.7 26.5
125 5.6 4.1 6.1

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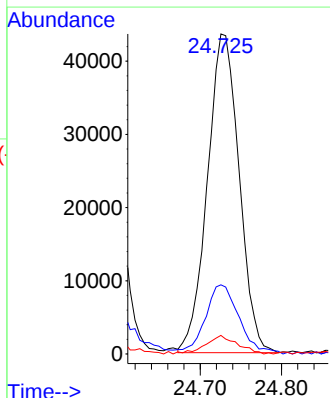
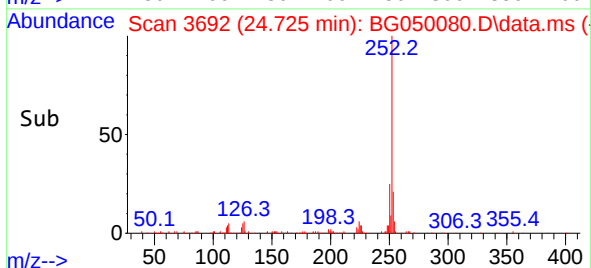
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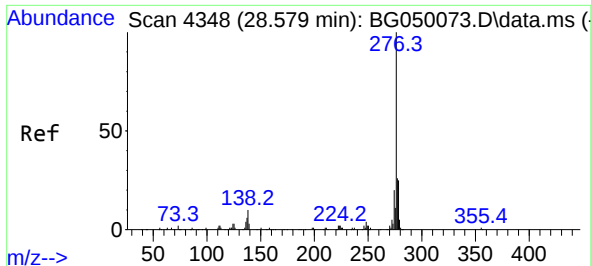


#93
Benzo(a)pyrene
Concen: 12.047 ng/ul
RT: 24.725 min Scan# 3692
Delta R.T. 0.005 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02

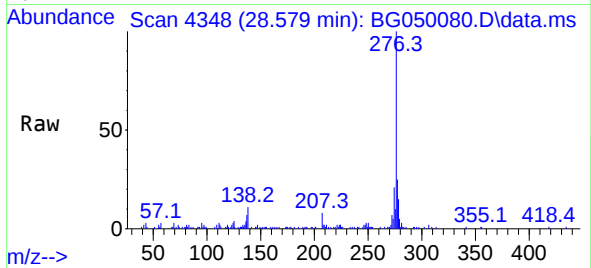


Tgt Ion:252 Resp: 118187
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 5.8 4.4 6.6

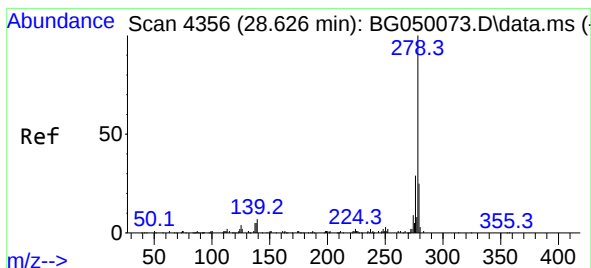
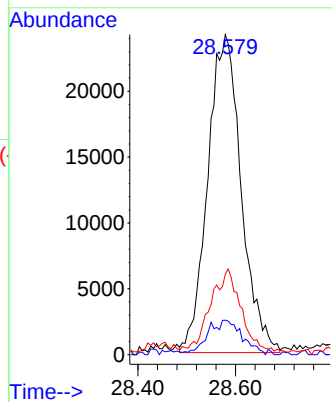
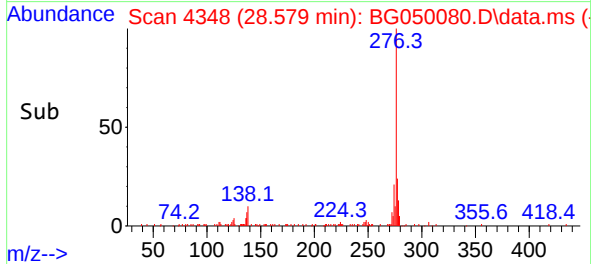




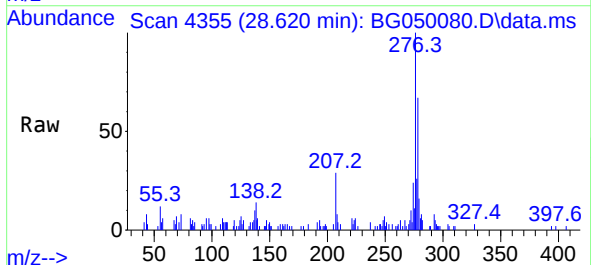
#94
Indeno(1,2,3-cd)pyrene
Concen: 8.881 ng/ul m
RT: 28.579 min Scan# 4348
Delta R.T. 0.011 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02



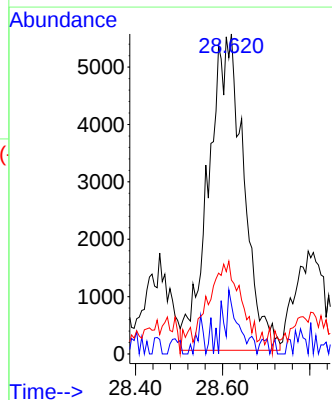
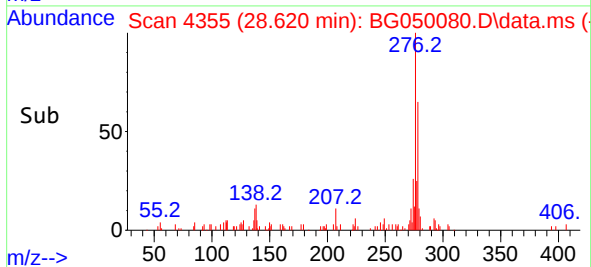
Tgt Ion: 276 Resp: 114929
Ion Ratio Lower Upper
276 100
138 10.8 5.5 8.3#
277 25.2 18.6 27.8



#95
Dibenzo(a,h)anthracene
Concen: 2.854 ng/ul m
RT: 28.620 min Scan# 4355
Delta R.T. 0.017 min
Lab File: BG050080.D
Acq: 1 Sep 2021 2:02



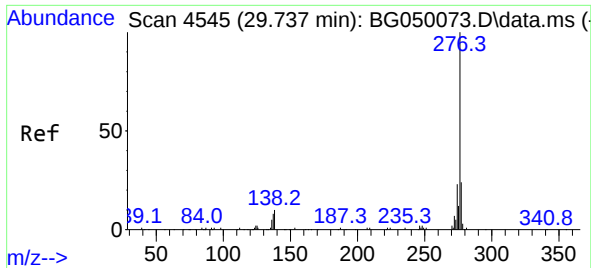
Tgt Ion: 278 Resp: 30915
Ion Ratio Lower Upper
278 100
139 8.5 5.2 7.8#
279 23.1 19.0 28.4



Instrument :
BNA_G
ClientSampled :
C0AY8

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#96
 Benzo(g,h,i)perylene
 Concen: 8.461 ng/ul m
 RT: 29.736 min Scan# 4545
 Delta R.T. 0.023 min
 Lab File: BG050080.D
 Acq: 1 Sep 2021 2:02

Tgt Ion: 276 Resp: 92058
 Ion Ratio Lower Upper
 276 100
 138 8.6 8.6 13.0#
 277 25.7 17.4 26.0

Instrument :
 BNA_G
 ClientSampleId :
 C0AY8

Manual Integrations
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