

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049857.D
 Acq On : 16 Aug 2021 19:47
 Operator : CG/JU
 Sample : M3407-29
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 29S

Manual Integrations
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mohammad
 8/17/2021 1:20:42 PM

Quant Time: Aug 17 04:42:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	29292	20.000	ng	0.00
21) Naphthalene-d8	10.847	136	116215	20.000	ng	# 0.00
39) Acenaphthene-d10	14.683	164	81943	20.000	ng	0.00
64) Phenanthrene-d10	17.432	188	172907	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	156827	20.000	ng	0.00
86) Perylene-d12	24.986	264	163662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.583	112	176280	107.880	ng	0.00
7) Phenol-d6	7.193	99	243453	98.424	ng	0.00
23) Nitrobenzene-d5	9.196	82	174867	66.584	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	126799	105.275	ng	0.00
45) 2-Fluorobiphenyl	13.296	172	349778	62.111	ng	0.00
79) Terphenyl-d14	20.046	244	528023	61.150	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.479	178	50998m	5.606	ng	
75) Fluoranthene	19.488	202	96495	8.620	ng	99
78) Pyrene	19.852	202	85728	8.018	ng	98
81) Benzo(a)anthracene	21.697	228	46465	4.550	ng	97
83) Chrysene	21.761	228	38998	3.995	ng	94
87) Indeno(1,2,3-cd)pyrene	28.734	276	29369m	2.488	ng	
88) Benzo(b)fluoranthene	23.952	252	51931	4.838	ng	# 96
90) Benzo(a)pyrene	24.834	252	41431	4.265	ng	# 90
92) Benzo(g,h,i)perylene	29.909	276	28509m	2.926	ng	

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

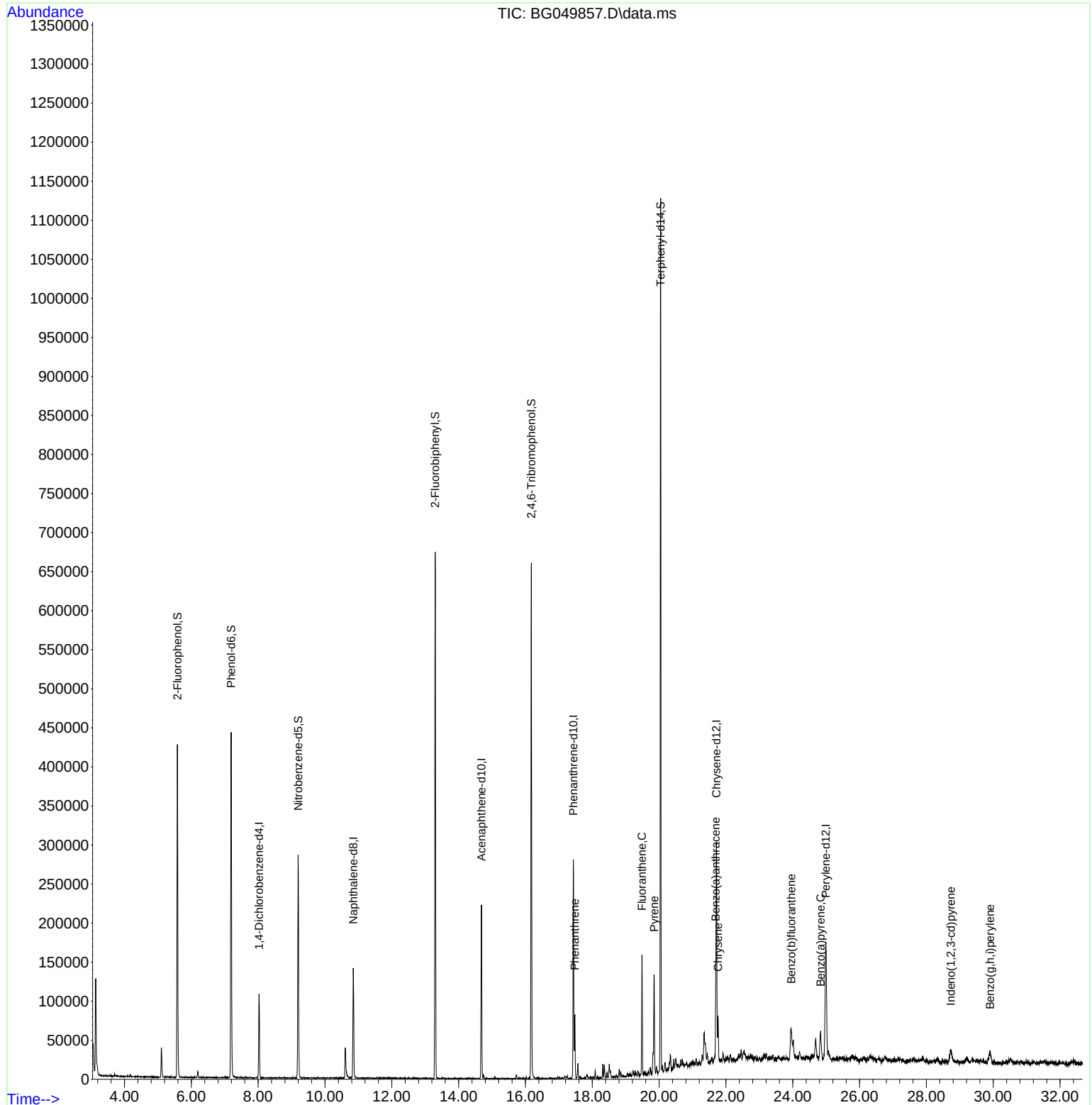
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049857.D
Acq On : 16 Aug 2021 19:47
Operator : CG/JU
Sample : M3407-29
Misc :
ALS Vial : 6 Sample Multiplier: 1

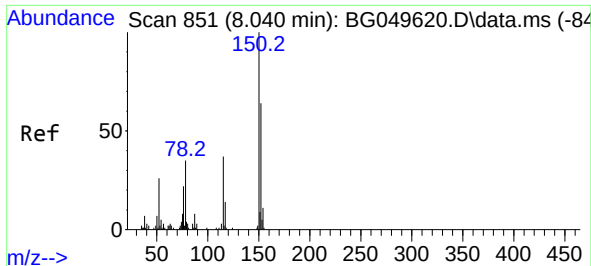
Instrument :
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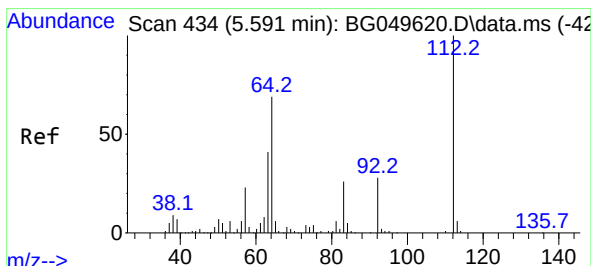
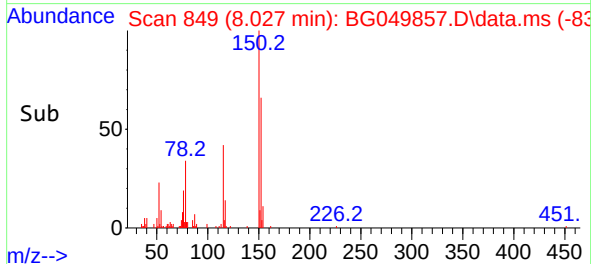
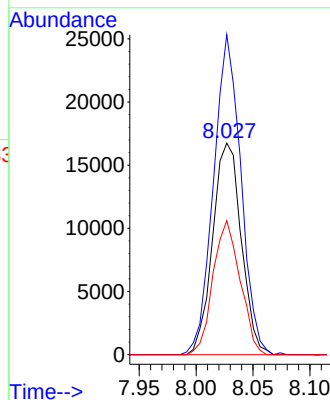
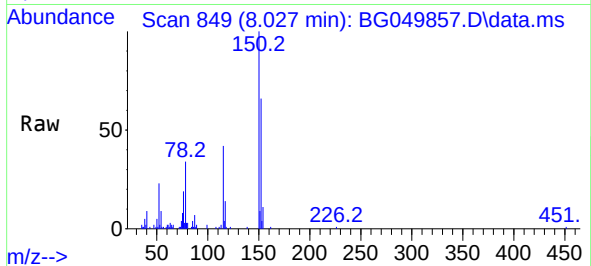
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.027 min Scan# 849
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.3	119.4	179.0
115	63.4	60.2	90.4

Instrument :
BNA_G
ClientSampled :
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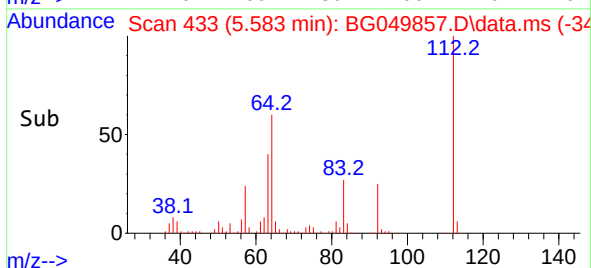
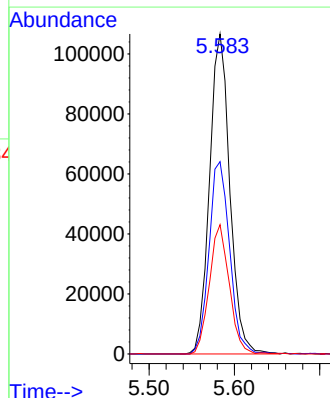
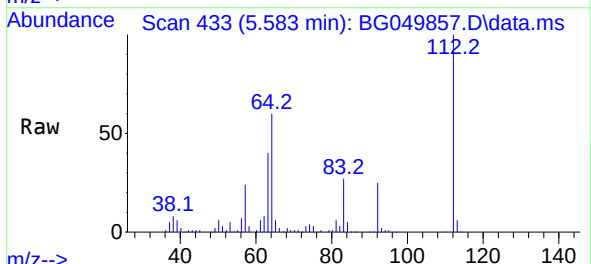
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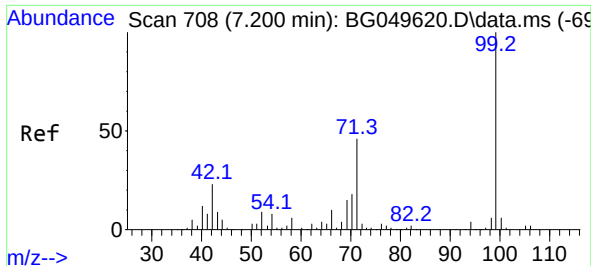
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#5
2-Fluorophenol
Concen: 107.880 ng
RT: 5.583 min Scan# 433
Delta R.T. 0.005 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.7	70.1
63	40.4	35.3	52.9





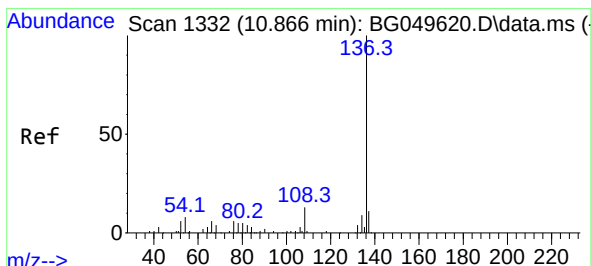
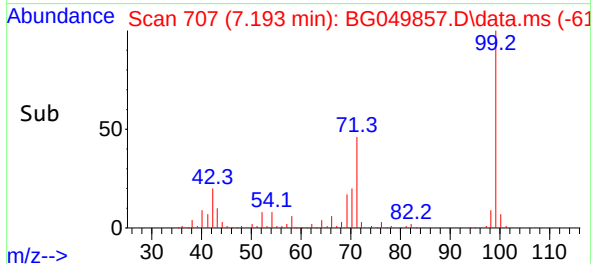
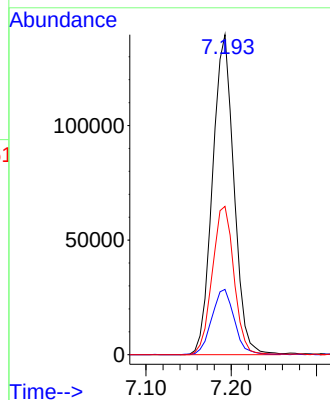
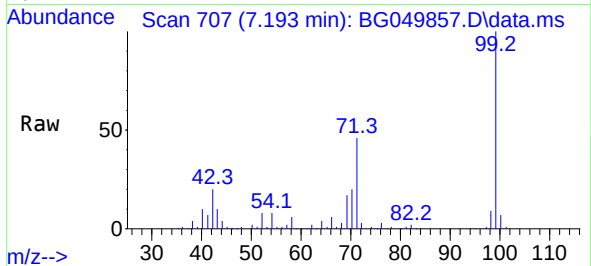
#7
Phenol-d6
Concen: 98.424 ng
RT: 7.193 min Scan# 707
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

Tgt Ion: 99 Resp: 243453
Ion Ratio Lower Upper
99 100
42 20.4 20.5 30.7#
71 46.4 41.5 62.3

Instrument :
BNA_G
ClientSampled :
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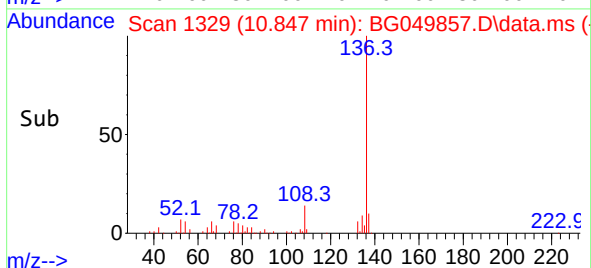
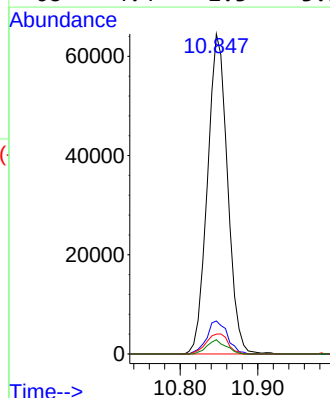
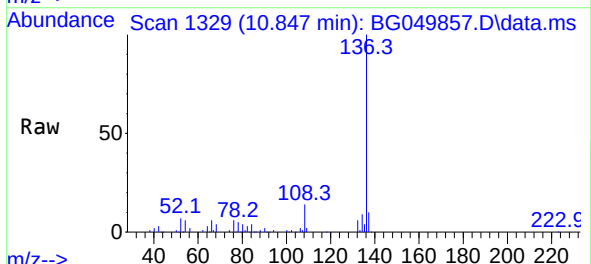
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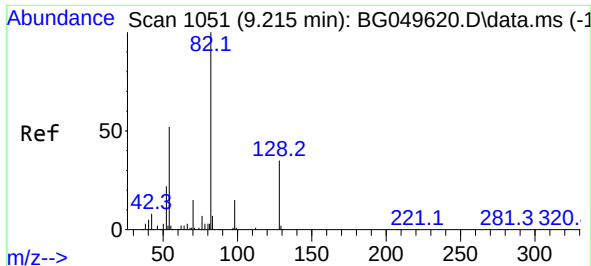
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.847 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

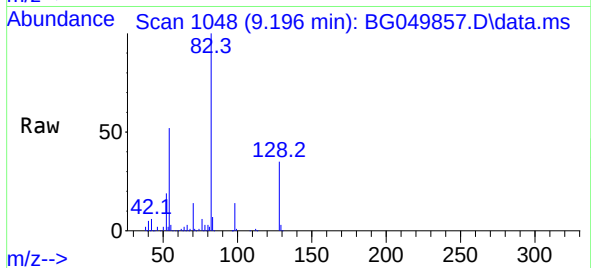
Tgt Ion: 136 Resp: 116215
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.2
54 6.2 5.5 8.3
68 4.4 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 66.584 ng
RT: 9.196 min Scan# 1048
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

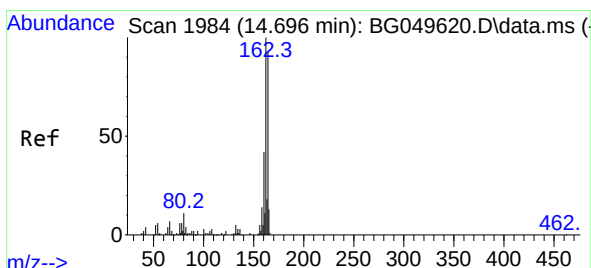
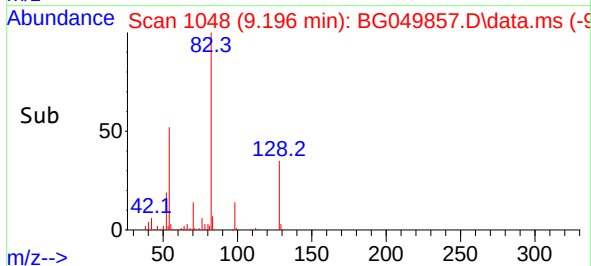
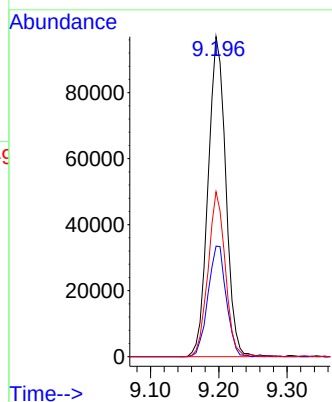
Instrument :
BNA_G
ClientSampled :
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Tgt Ion: 82 Resp: 174867
Ion Ratio Lower Upper
82 100
128 34.6 29.8 44.6
54 51.6 45.8 68.8

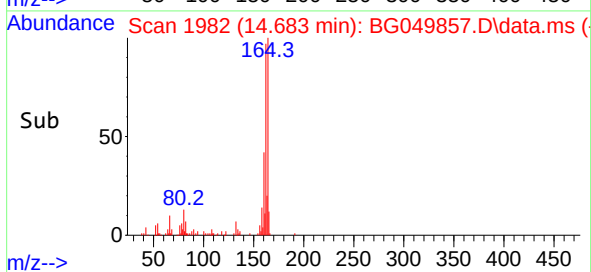
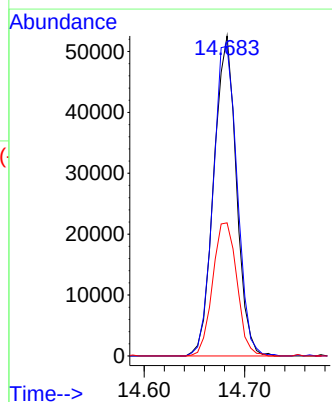
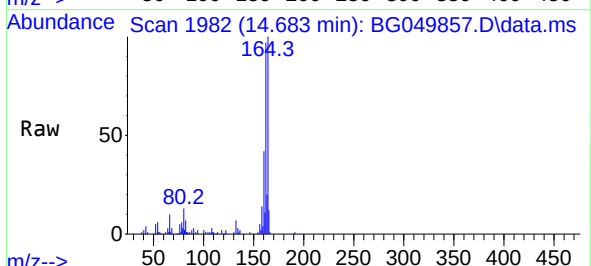
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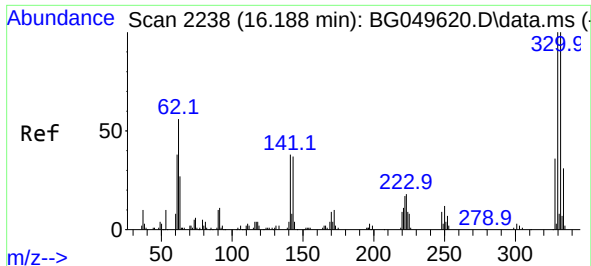
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.683 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

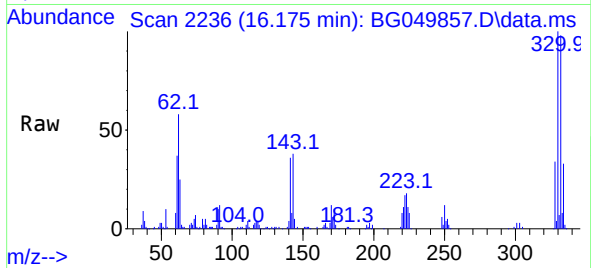
Tgt Ion: 164 Resp: 81943
Ion Ratio Lower Upper
164 100
162 96.7 81.4 122.0
160 41.6 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 105.275 ng
RT: 16.175 min Scan# 2236
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

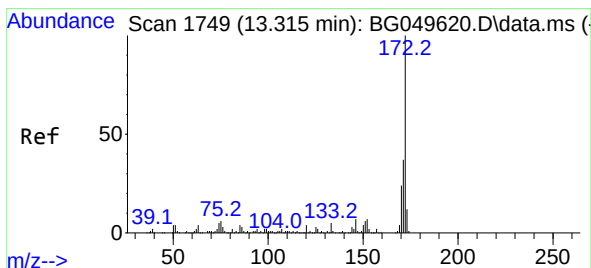
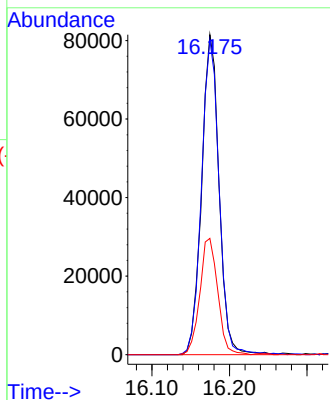
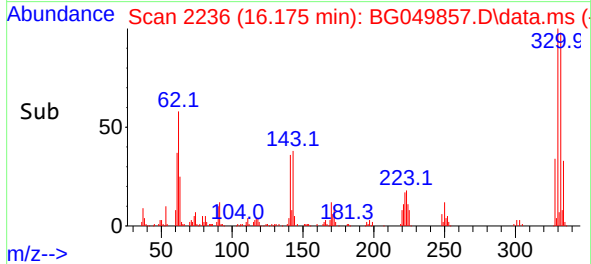
Instrument :
BNA_G
ClientSampled :
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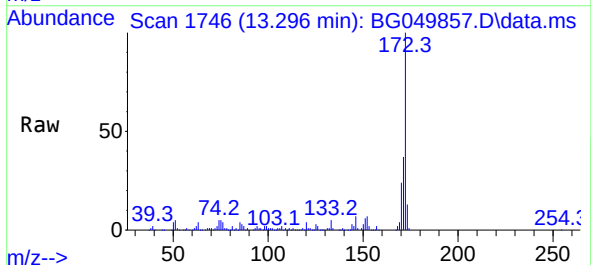
Tgt Ion:330 Resp: 126799
Ion Ratio Lower Upper
330 100
332 99.6 77.3 115.9
141 37.4 35.6 53.4

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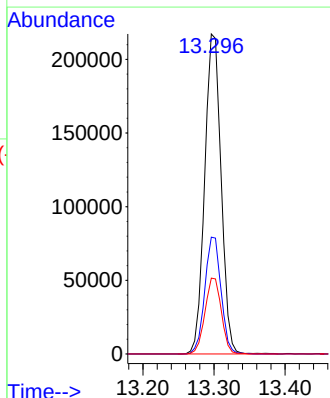
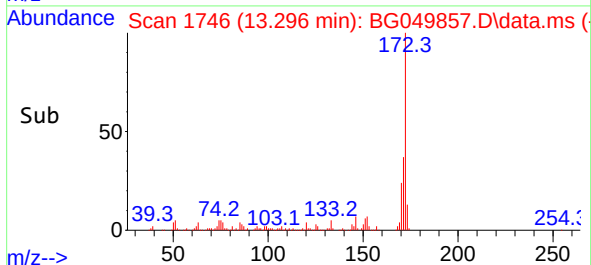
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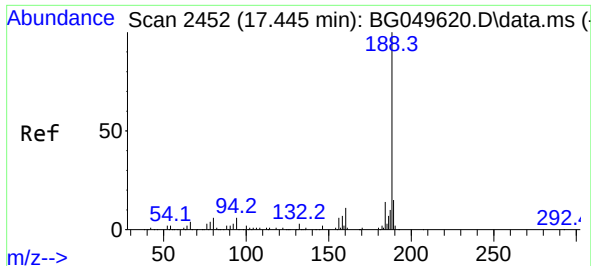


#45
2-Fluorobiphenyl
Concen: 62.111 ng
RT: 13.296 min Scan# 1746
Delta R.T. -0.007 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47



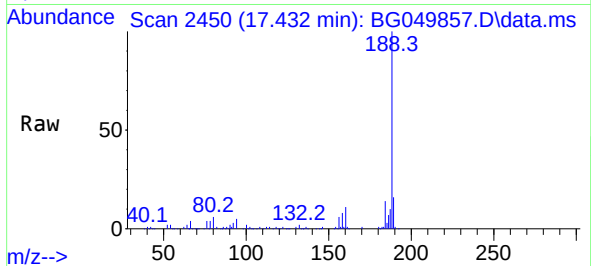
Tgt Ion:172 Resp: 349778
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.7 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.432 min Scan# 2450
Delta R.T. -0.007 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

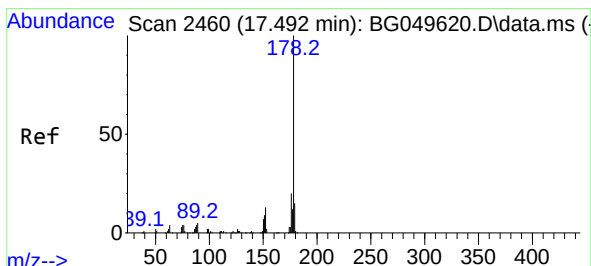
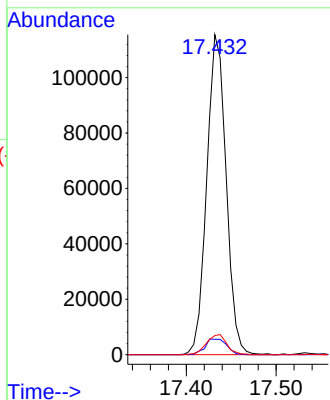
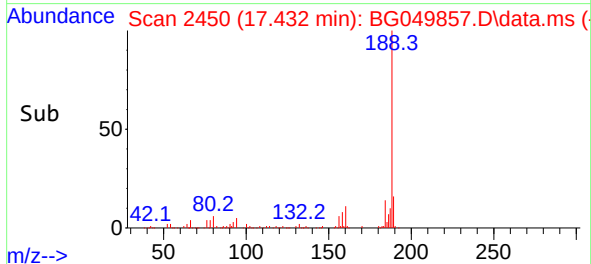
Instrument :
BNA_G
ClientSampled :
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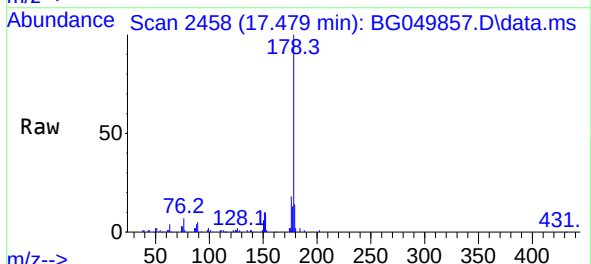
Tgt Ion:188 Resp: 172907
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 6.0 3.7 5.5#

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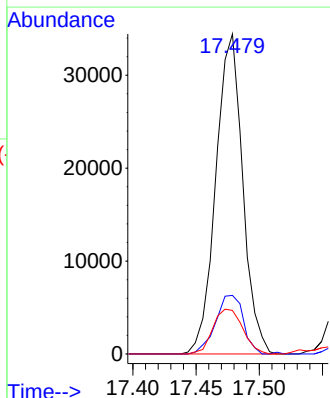
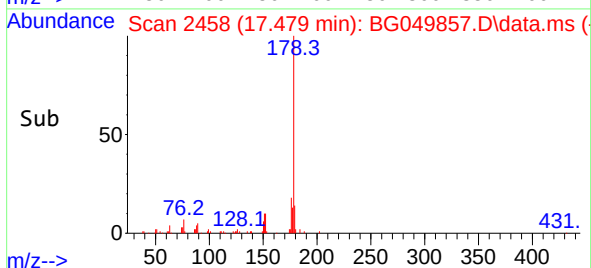
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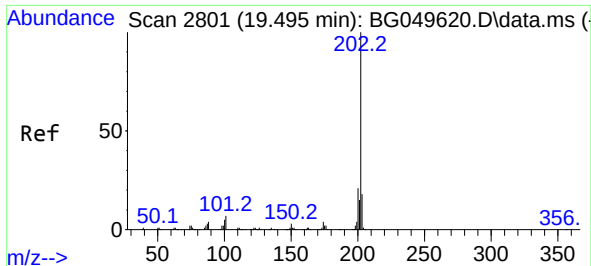


#71
Phenanthrene
Concen: 5.606 ng m
RT: 17.479 min Scan# 2458
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47



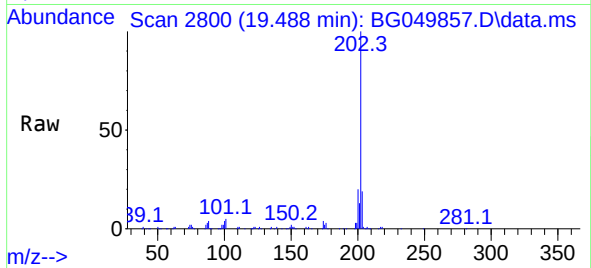
Tgt Ion:178 Resp: 50998
Ion Ratio Lower Upper
178 100
176 18.3 16.0 24.0
179 13.6 14.2 21.4#





#75
Fluoranthene
Concen: 8.620 ng
RT: 19.488 min Scan# 2800
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

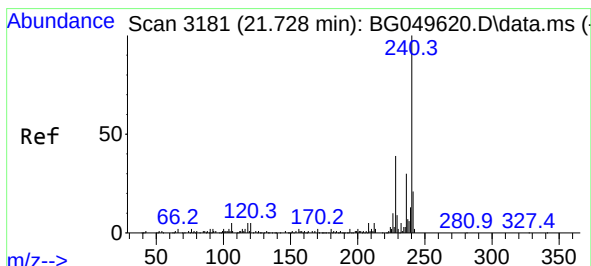
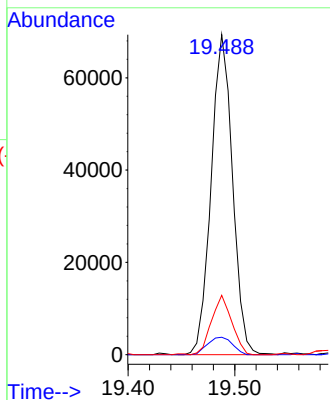
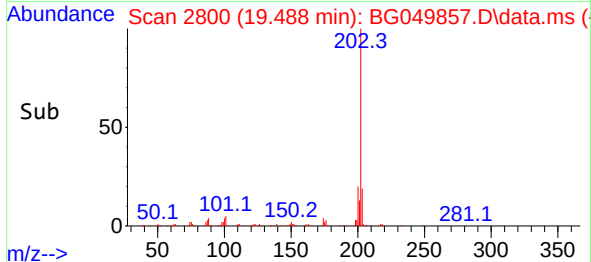
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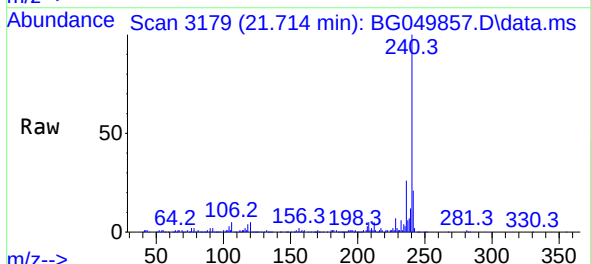
Tgt Ion:202 Resp: 96495
Ion Ratio Lower Upper
202 100
101 5.4 0.0 24.7
203 18.6 0.0 38.5

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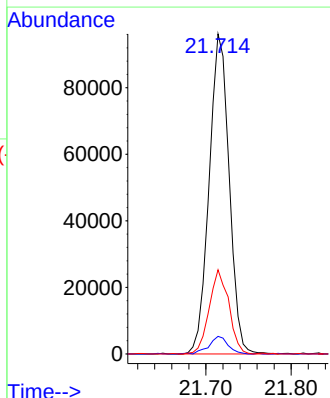
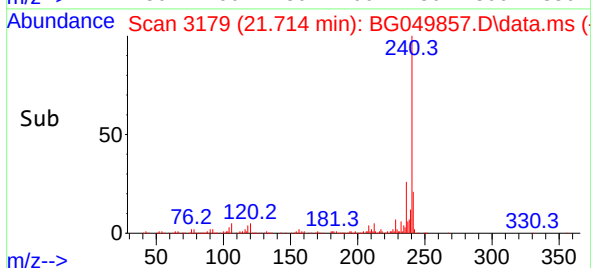
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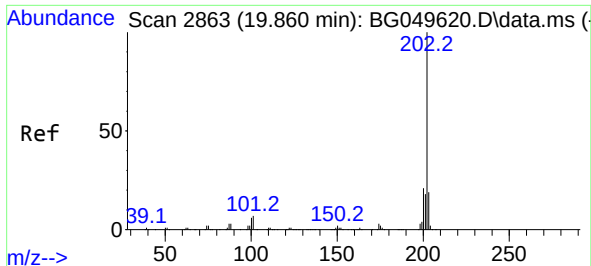


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3179
Delta R.T. -0.007 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

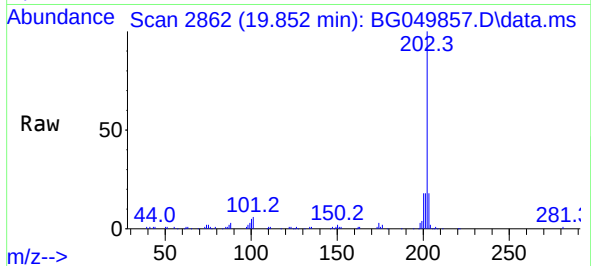


Tgt Ion:240 Resp: 156827
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 26.3 21.8 32.6





#78
 Pyrene
 Concen: 8.018 ng
 RT: 19.852 min Scan# 2862
 Delta R.T. -0.001 min
 Lab File: BG049857.D
 Acq: 16 Aug 2021 19:47



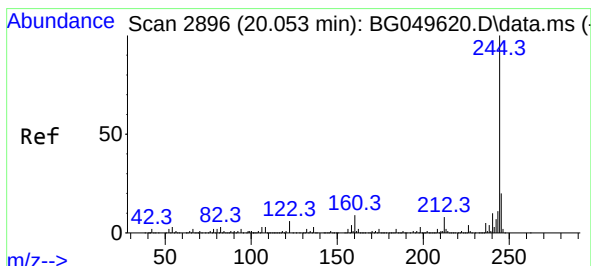
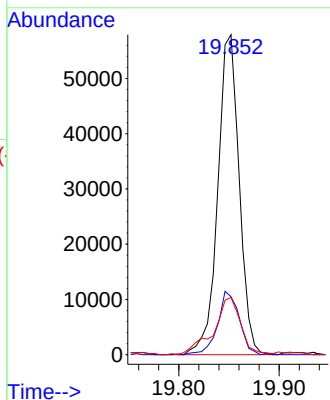
Tgt Ion:202 Resp: 85728

Ion	Ratio	Lower	Upper
202	100		
200	18.1	15.8	23.8
203	17.9	14.6	21.8

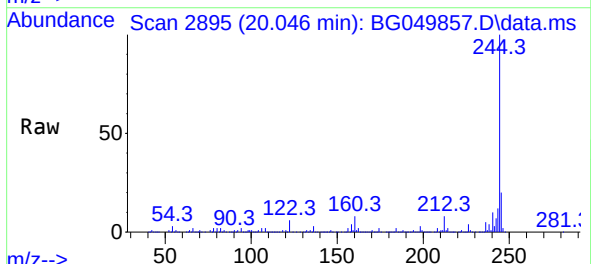
Instrument :
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mohammad
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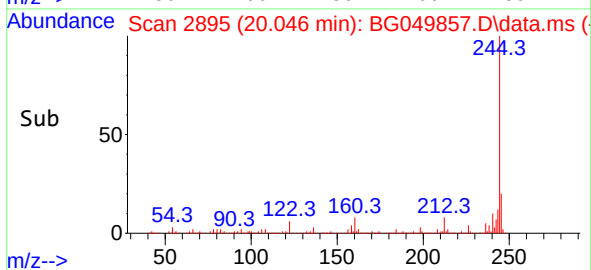
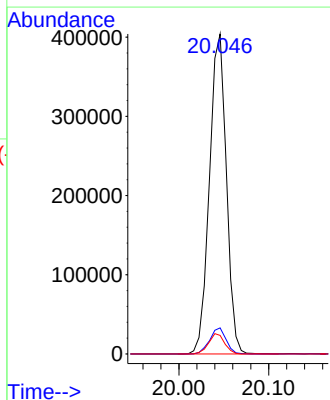


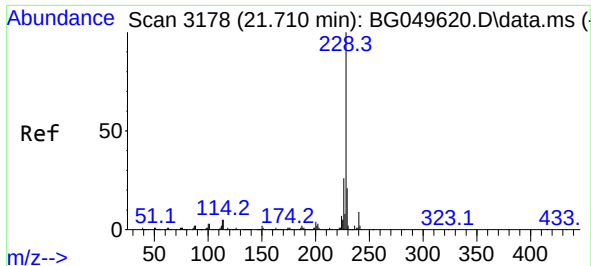
#79
 Terphenyl-d14
 Concen: 61.150 ng
 RT: 20.046 min Scan# 2895
 Delta R.T. -0.001 min
 Lab File: BG049857.D
 Acq: 16 Aug 2021 19:47



Tgt Ion:244 Resp: 528023

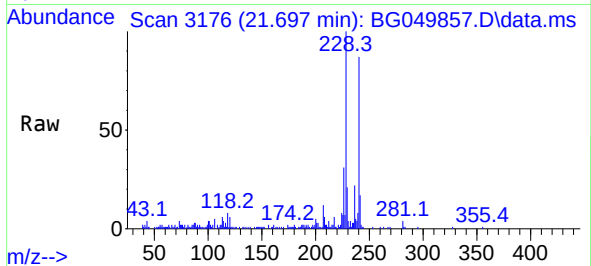
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	5.8	5.0	7.6





#81
Benzo(a)anthracene
Concen: 4.550 ng
RT: 21.697 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

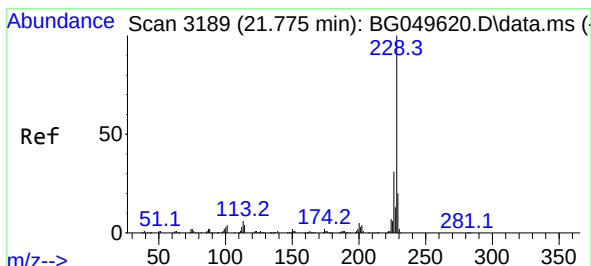
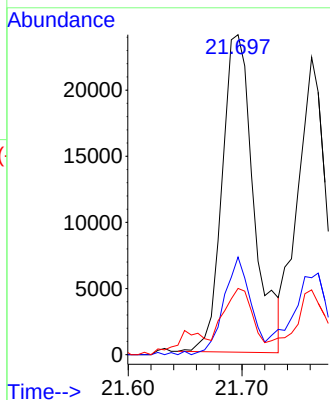
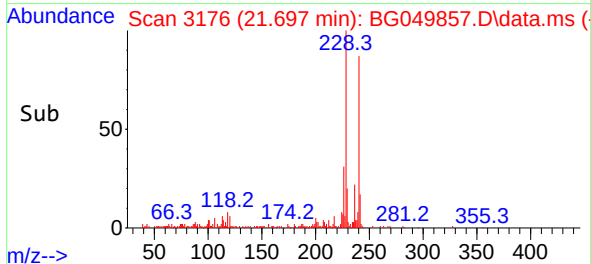
Instrument :
BNA_G
ClientSampleId :
29S



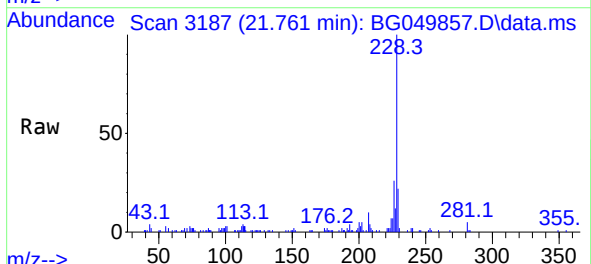
Tgt Ion:228 Resp: 46465
Ion Ratio Lower Upper
228 100
226 30.5 22.7 34.1
229 20.7 16.0 24.0

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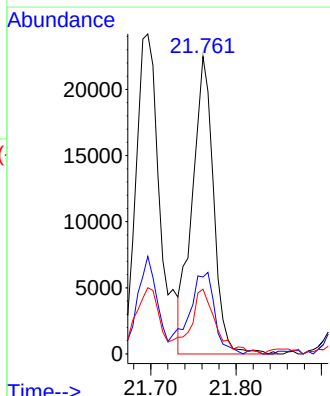
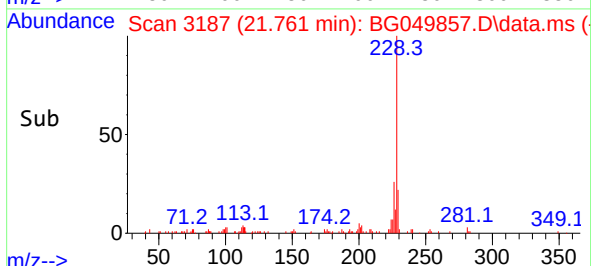
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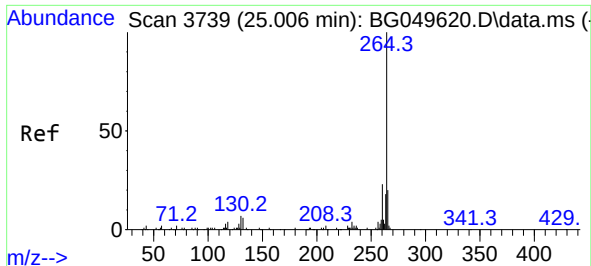


#83
Chrysene
Concen: 3.995 ng
RT: 21.761 min Scan# 3187
Delta R.T. -0.007 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47



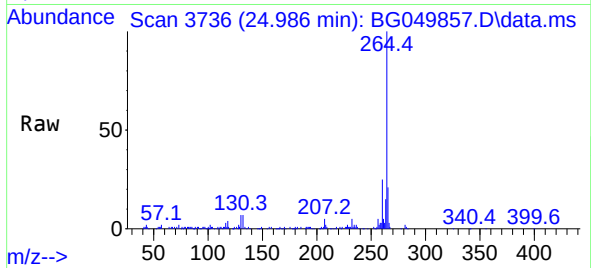
Tgt Ion:228 Resp: 38998
Ion Ratio Lower Upper
228 100
226 25.9 23.1 34.7
229 21.8 15.3 22.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3736
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

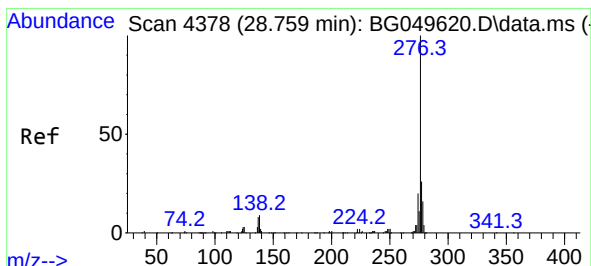
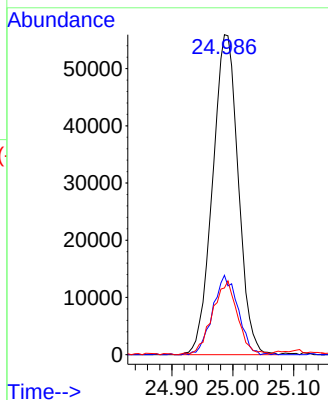
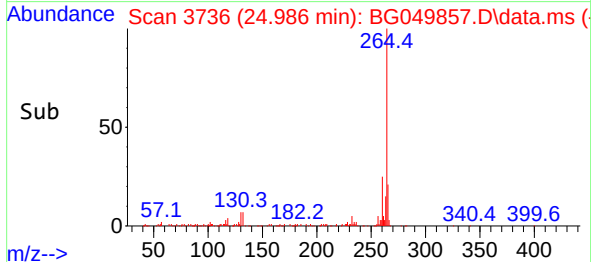
Instrument :
BNA_G
ClientSampled :
29S



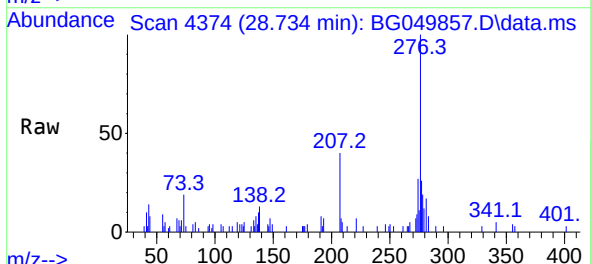
Tgt Ion:264 Resp: 163662
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 20.8 16.9 25.3

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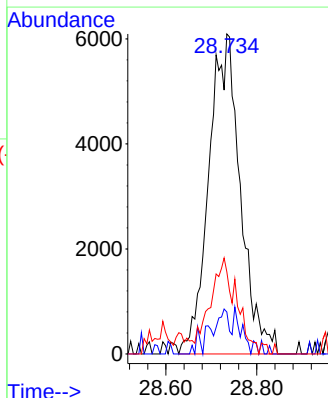
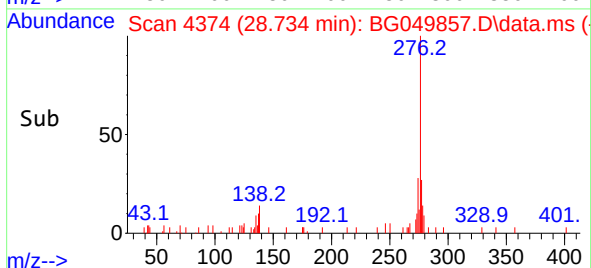
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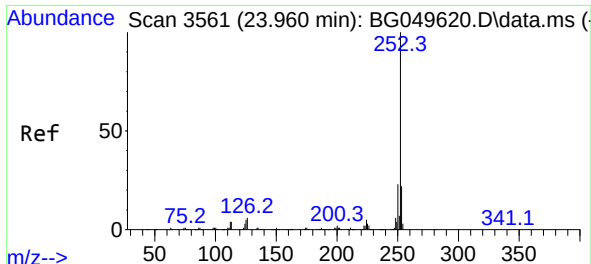


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.488 ng m
RT: 28.734 min Scan# 4374
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47



Tgt Ion:276 Resp: 29369
Ion Ratio Lower Upper
276 100
138 5.2 5.1 7.7
277 15.1 19.8 29.6#





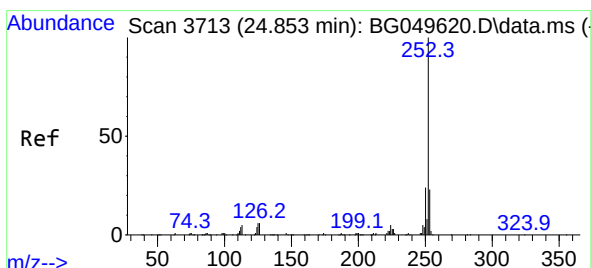
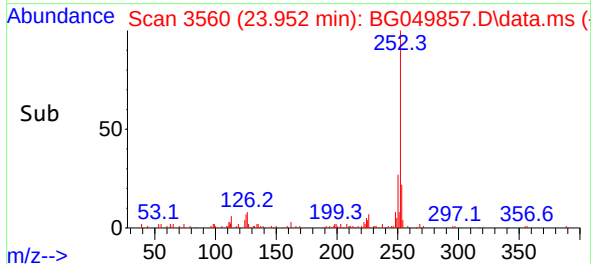
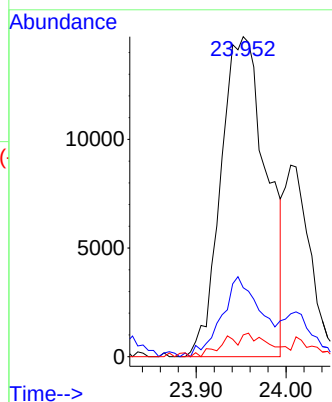
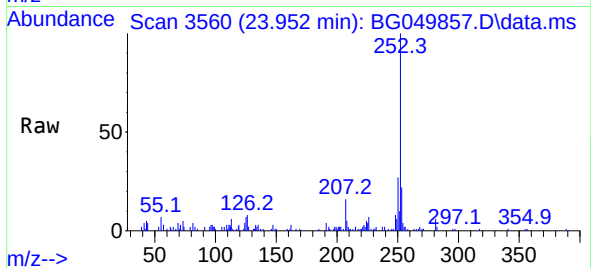
#88
Benzo(b)fluoranthene
Concen: 4.838 ng
RT: 23.952 min Scan# 3560
Delta R.T. -0.001 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

Instrument :
BNA_G
ClientSampled :
29S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.2	24.4
125	6.8	3.0	4.4#

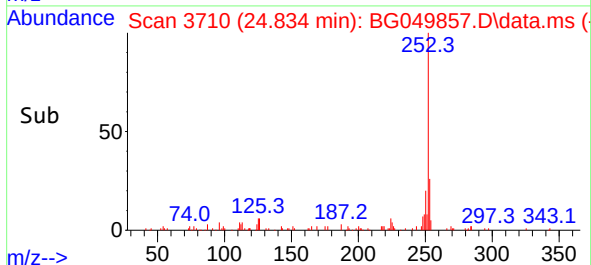
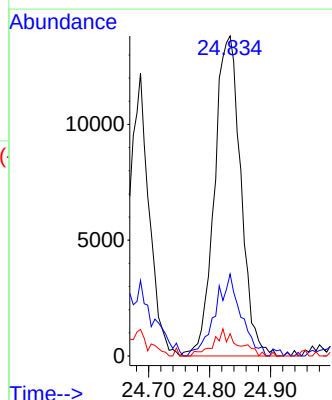
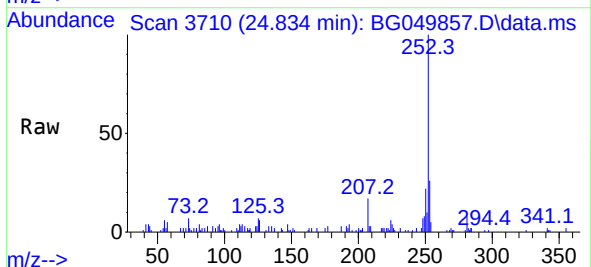
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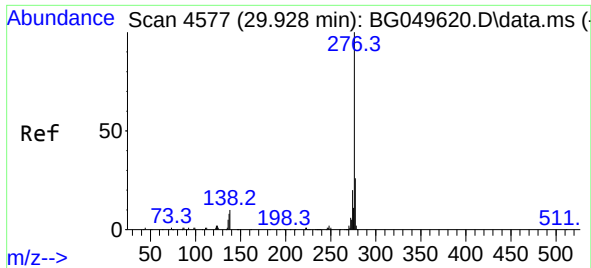
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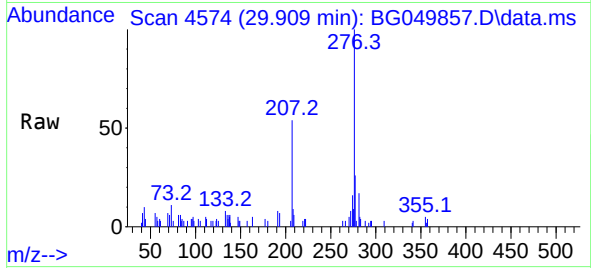
#90
Benzo(a)pyrene
Concen: 4.265 ng
RT: 24.834 min Scan# 3710
Delta R.T. -0.007 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	16.6	25.0#
125	7.0	3.5	5.3#

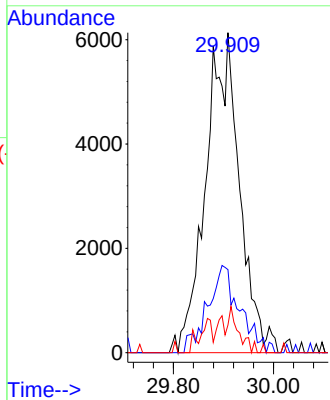
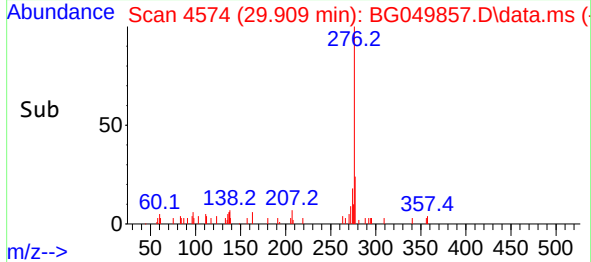




#92
Benzo(g,h,i)perylene
Concen: 2.926 ng m
RT: 29.909 min Scan# 4574
Delta R.T. -0.007 min
Lab File: BG049857.D
Acq: 16 Aug 2021 19:47



Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.4	27.6
138	6.2	7.0	10.6



Instrument :
BNA_G
ClientSampleId :
29S

Manual Integrations
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