

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049856.D
 Acq On : 16 Aug 2021 19:06
 Operator : CG/JU
 Sample : M3408-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 34S

Manual Integrations
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Quant Time: Aug 17 04:41:58 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	8.034	152	28387	20.000	ng	# 0.00
21) Naphthalene-d8	10.853	136	114777	20.000	ng	# 0.00
39) Acenaphthene-d10	14.683	164	78794	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	169867	20.000	ng	# 0.00
76) Chrysene-d12	21.715	240	158818	20.000	ng	0.00
86) Perylene-d12	24.993	264	168201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.584	112	181663	114.718	ng	0.00
7) Phenol-d6	7.194	99	244352	101.937	ng	0.00
23) Nitrobenzene-d5	9.197	82	174897	67.430	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	129375	111.707	ng	0.00
45) 2-Fluorobiphenyl	13.297	172	360075	66.495	ng	0.00
79) Terphenyl-d14	20.047	244	548923	62.773	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.474	178	32002	3.581	ng	96
75) Fluoranthene	19.489	202	55432	5.040	ng	92
78) Pyrene	19.847	202	49690	4.589	ng	97
81) Benzo(a)anthracene	21.697	228	25512m	2.467	ng	
83) Chrysene	21.762	228	22297	2.255	ng	99
88) Benzo(b)fluoranthene	23.953	252	28181	2.555	ng	# 96
90) Benzo(a)pyrene	24.834	252	22870	2.291	ng	# 97

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

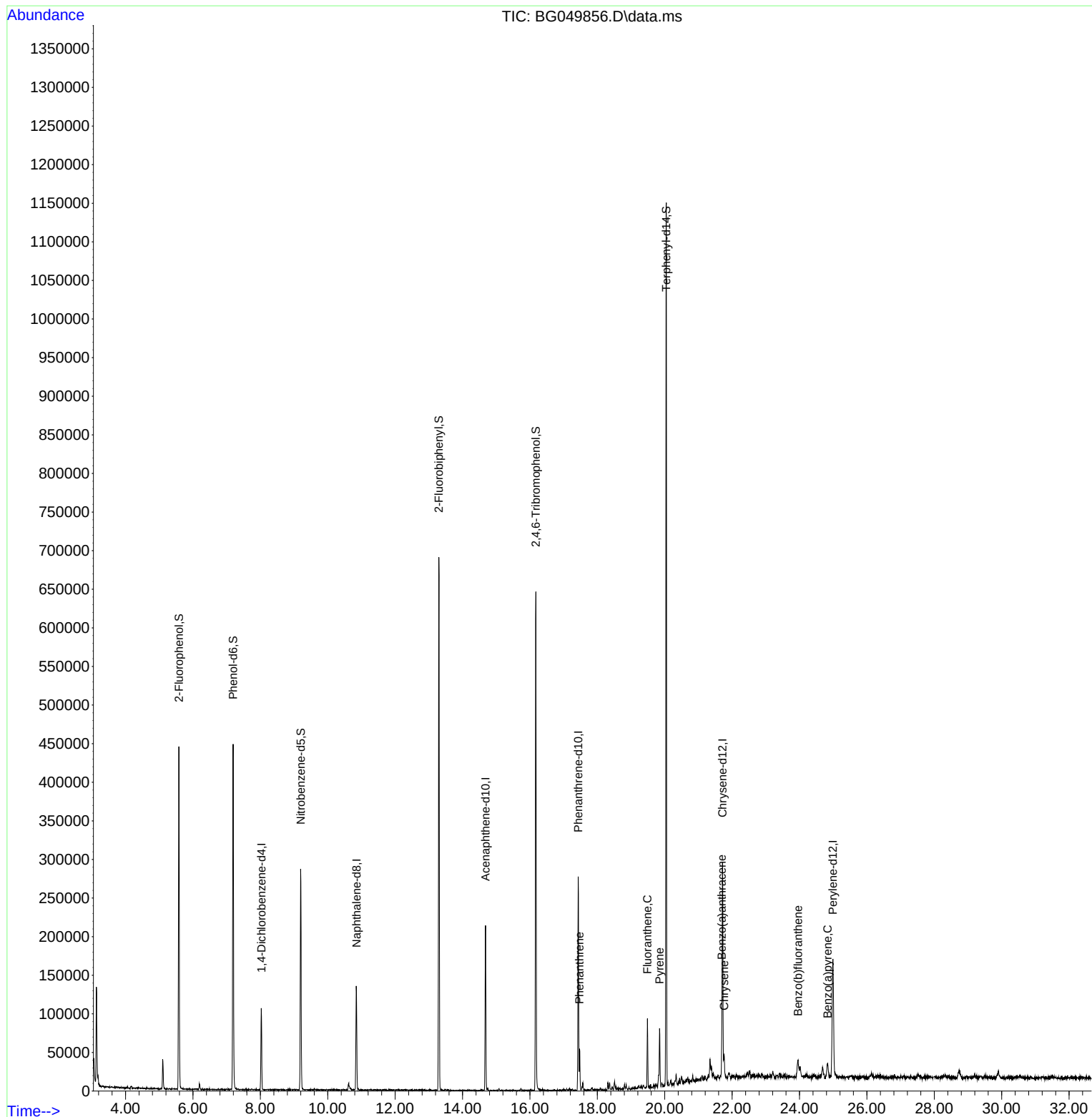
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049856.D
Acq On : 16 Aug 2021 19:06
Operator : CG/JU
Sample : M3408-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

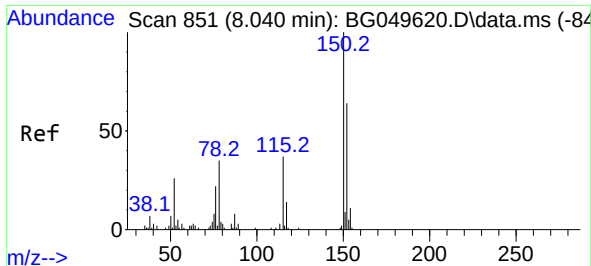
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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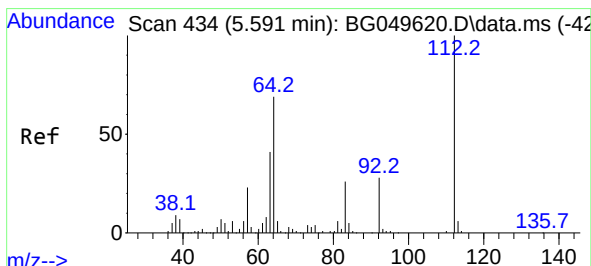
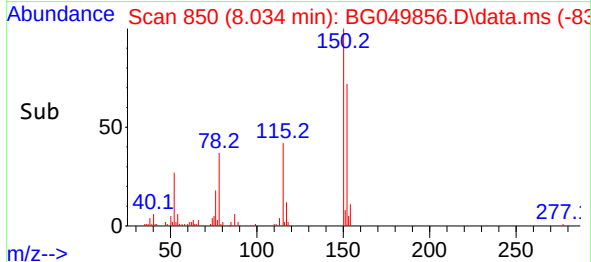
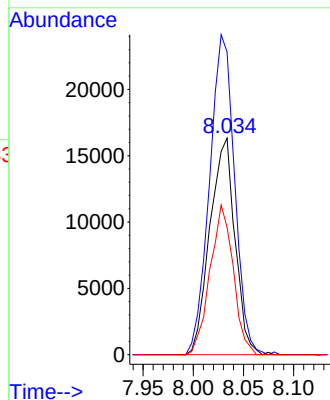
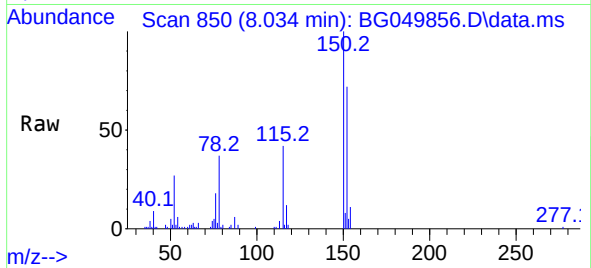
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 850
Delta R.T. 0.006 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

Tgt Ion:152 Resp: 28387
Ion Ratio Lower Upper
152 100
150 139.7 119.4 179.0
115 58.8 60.2 90.4#

Instrument :
BNA_G
ClientSampled :
34S

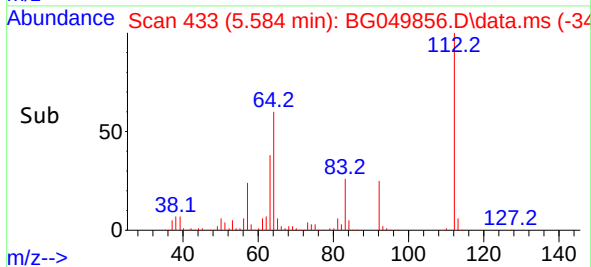
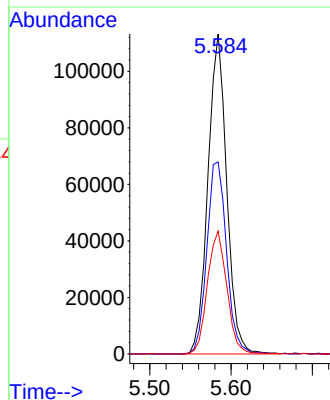
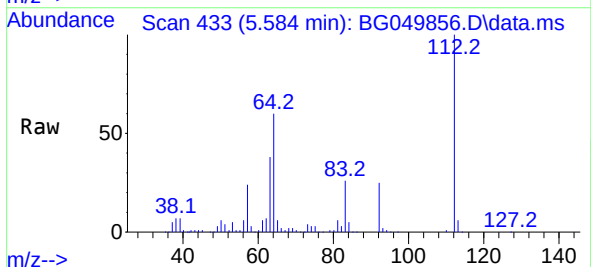
Manual Integrations
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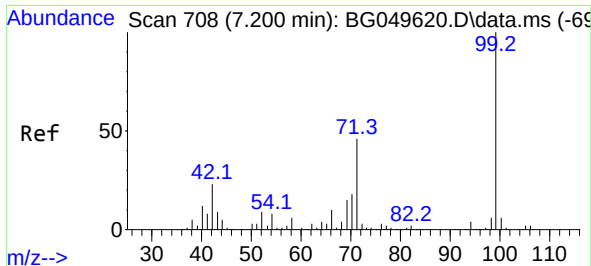
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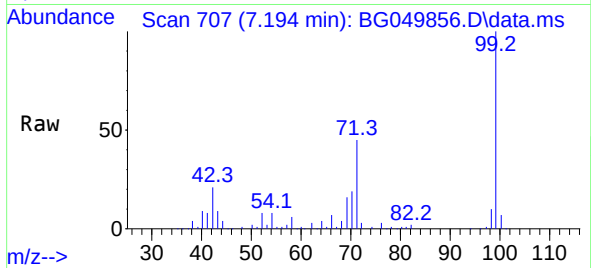
#5
2-Fluorophenol
Concen: 114.718 ng
RT: 5.584 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

Tgt Ion:112 Resp: 181663
Ion Ratio Lower Upper
112 100
64 60.0 46.7 70.1
63 38.4 35.3 52.9

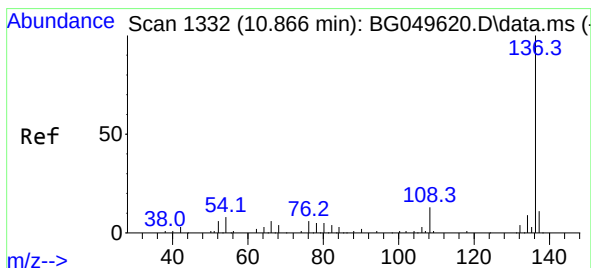
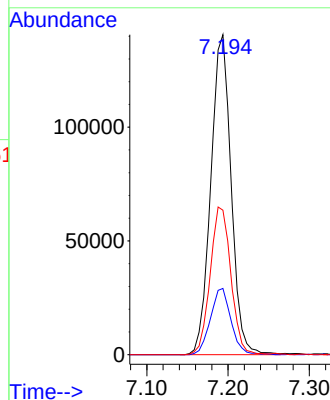
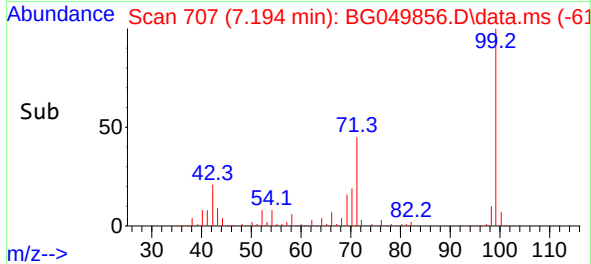




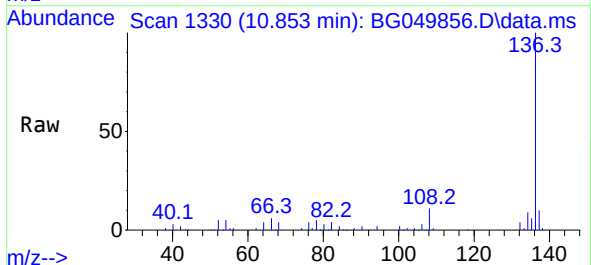
#7
Phenol-d6
Concen: 101.937 ng
RT: 7.194 min Scan# 707
Delta R.T. -0.000 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06



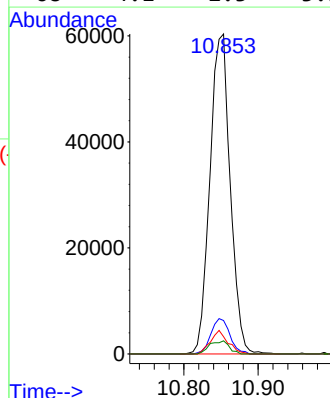
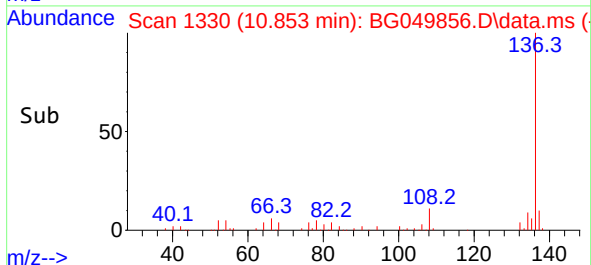
Tgt Ion: 99 Resp: 244352
Ion Ratio Lower Upper
99 100
42 20.7 20.5 30.7
71 45.2 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.853 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06



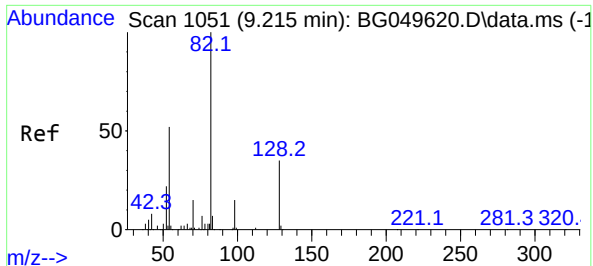
Tgt Ion: 136 Resp: 114777
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 5.4 5.5 8.3#
68 4.1 2.3 3.5#



Instrument :
BNA_G
ClientSampled :
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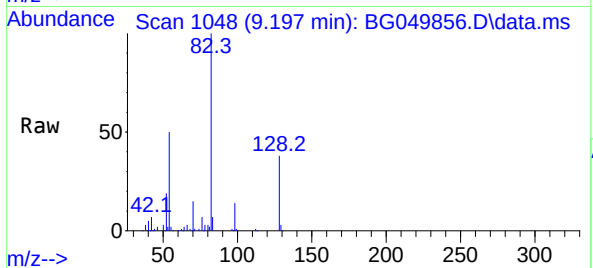
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#23
Nitrobenzene-d5
Concen: 67.430 ng
RT: 9.197 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

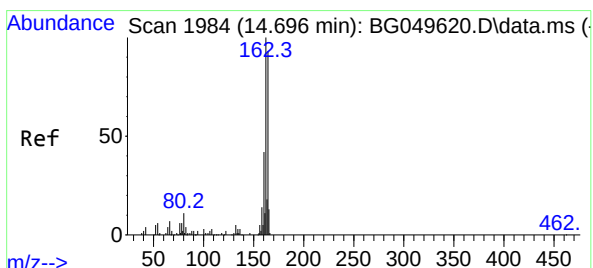
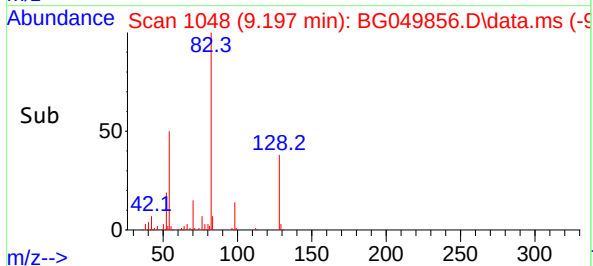
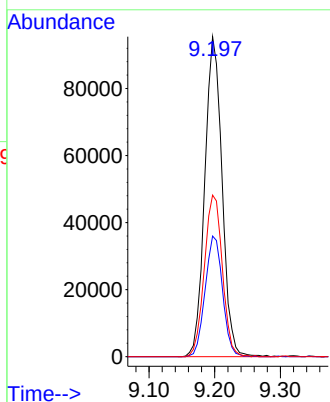
Instrument :
BNA_G
ClientSampled :
34S



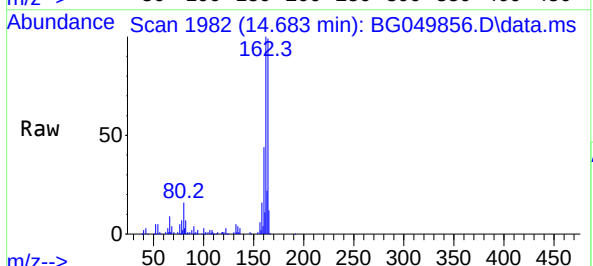
Tgt Ion: 82 Resp: 174897
Ion Ratio Lower Upper
82 100
128 37.7 29.8 44.6
54 50.5 45.8 68.8

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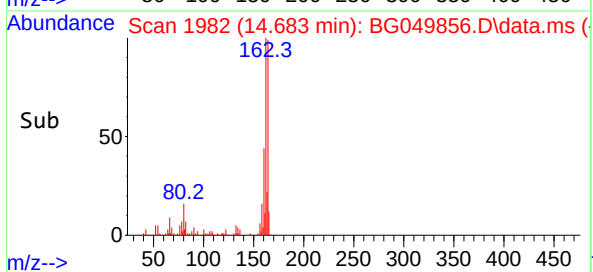
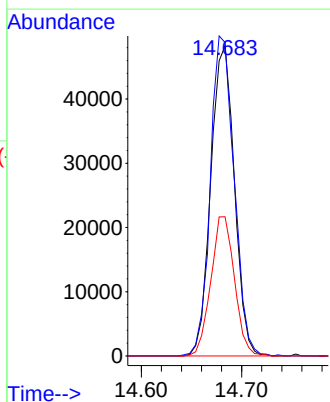
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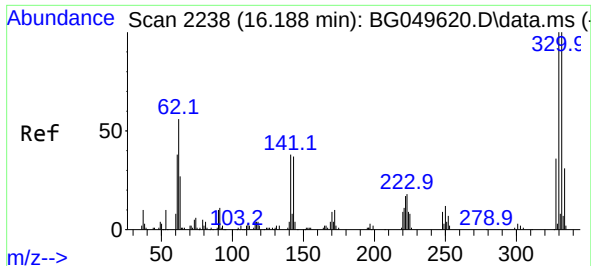


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.683 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06



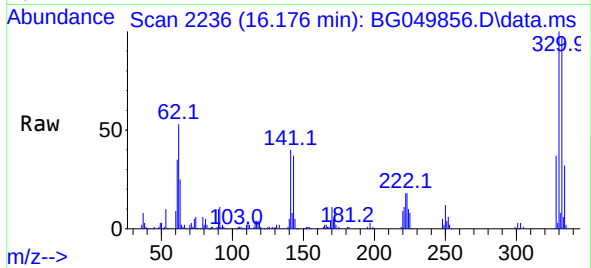
Tgt Ion: 164 Resp: 78794
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 44.9 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 111.707 ng
RT: 16.176 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

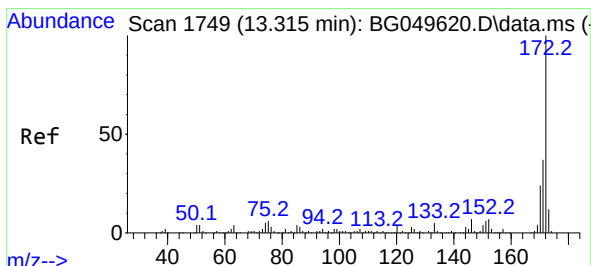
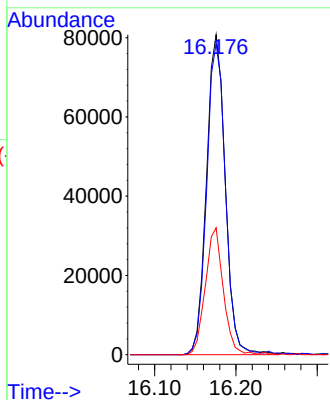
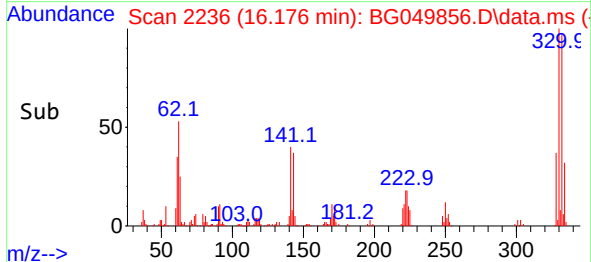
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BNA_G
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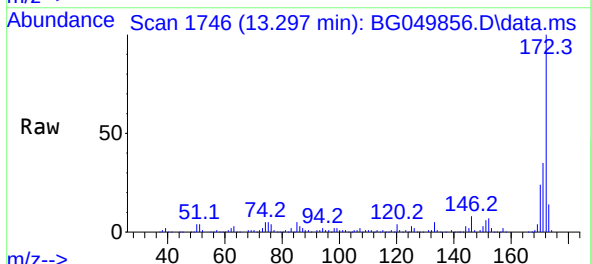
Tgt Ion:330 Resp: 129375
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 37.9 35.6 53.4

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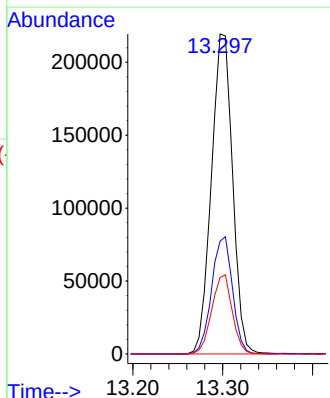
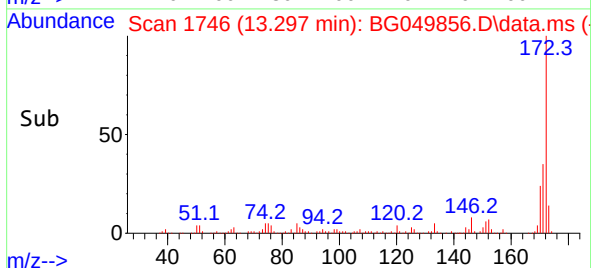
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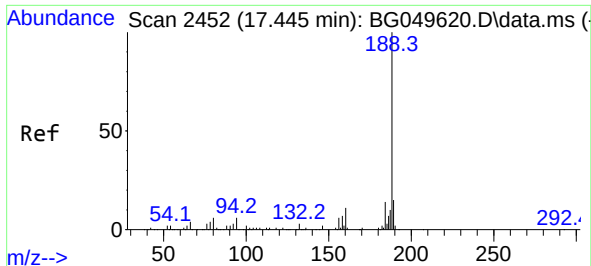


#45
2-Fluorobiphenyl
Concen: 66.495 ng
RT: 13.297 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06



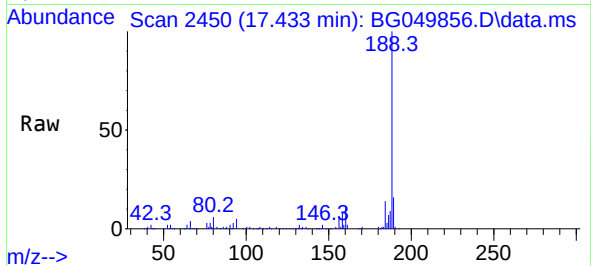
Tgt Ion:172 Resp: 360075
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.9 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

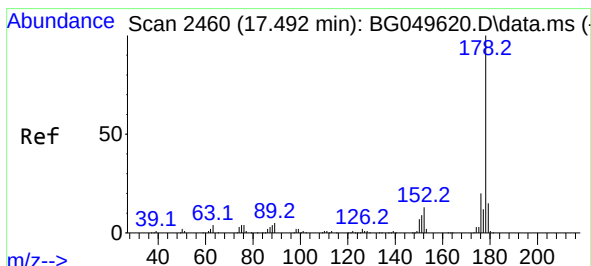
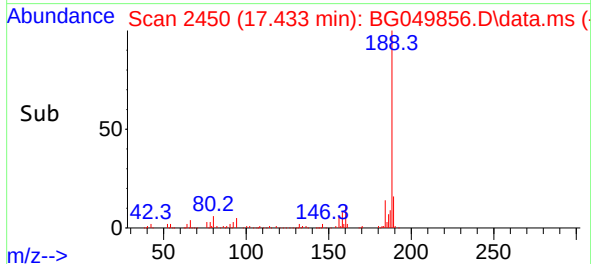
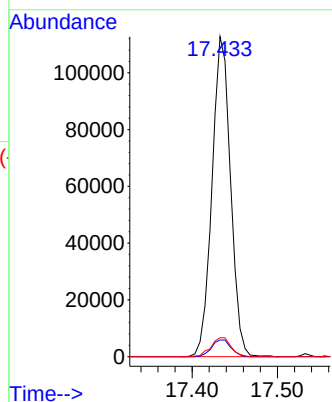
Instrument :
BNA_G
ClientSampled :
34S



Tgt Ion:188 Resp: 169867
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 5.9 3.7 5.5#

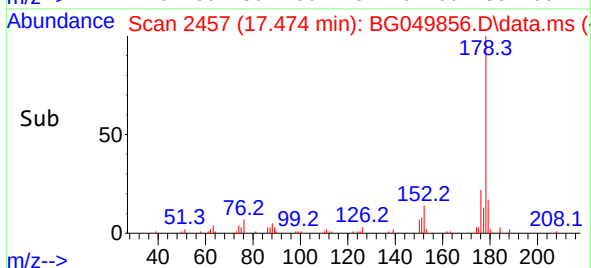
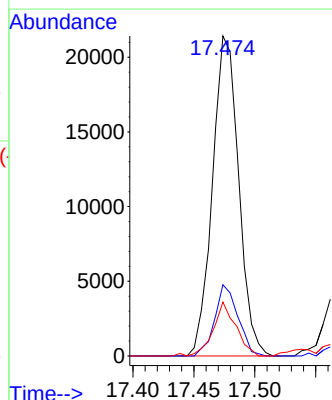
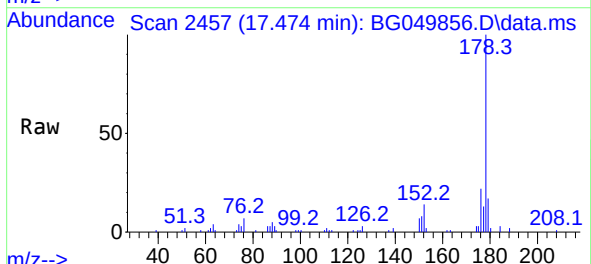
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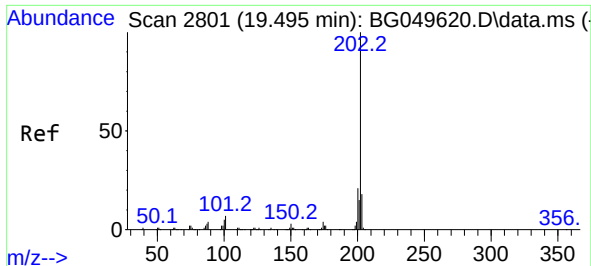
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#71
Phenanthrene
Concen: 3.581 ng
RT: 17.474 min Scan# 2457
Delta R.T. -0.006 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

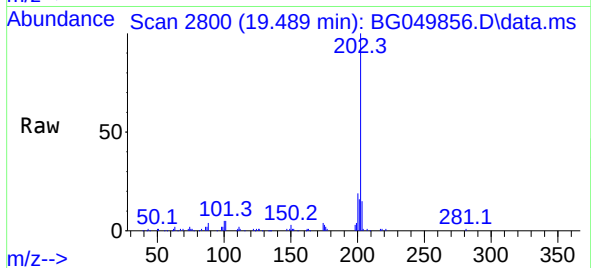
Tgt Ion:178 Resp: 32002
Ion Ratio Lower Upper
178 100
176 22.2 16.0 24.0
179 16.8 14.2 21.4





#75
Fluoranthene
Concen: 5.040 ng
RT: 19.489 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

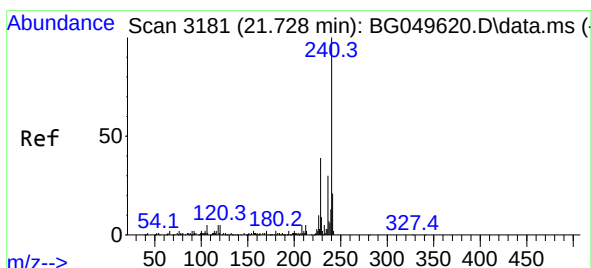
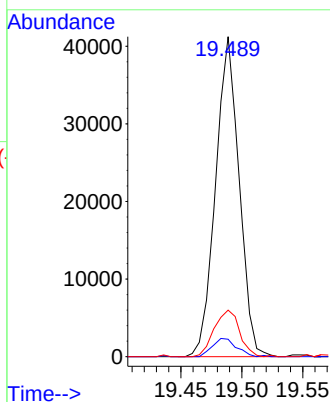
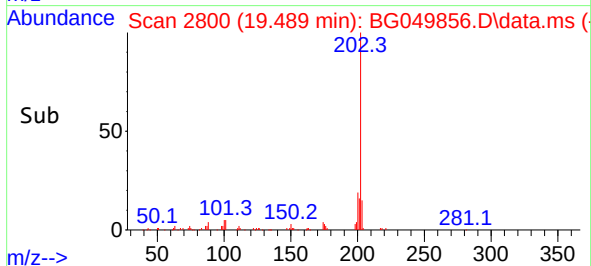
Instrument :
BNA_G
ClientSampled :
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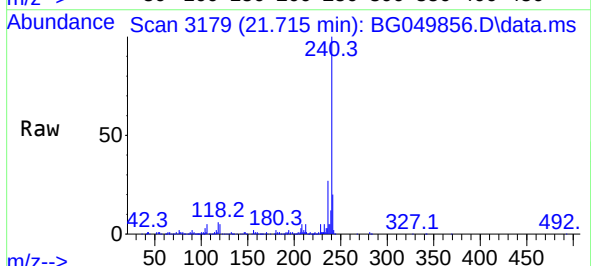
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Ion Ratio Lower Upper
202 100
101 5.5 0.0 24.7
203 14.6 0.0 38.5

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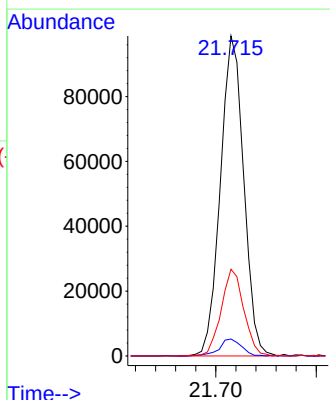
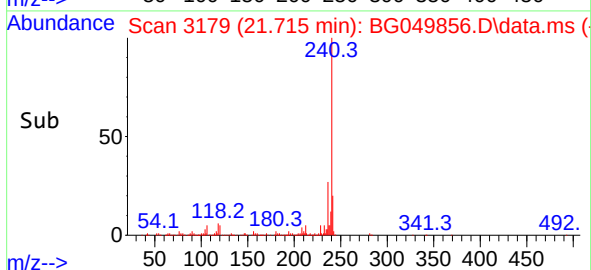
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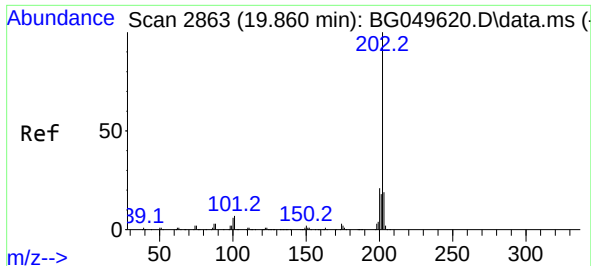


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

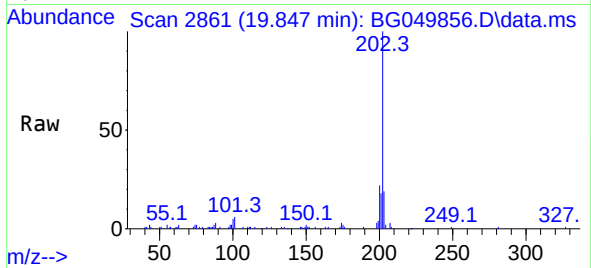


Tgt Ion:240 Resp: 158818
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 27.1 21.8 32.6

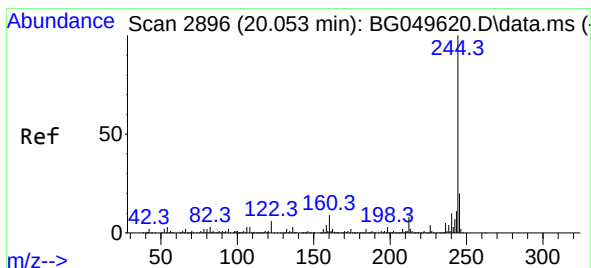
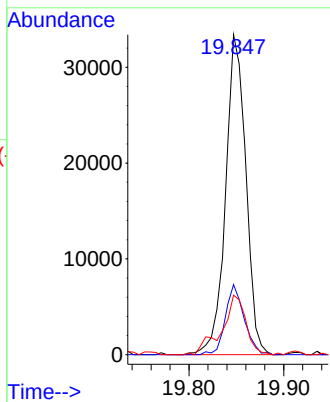
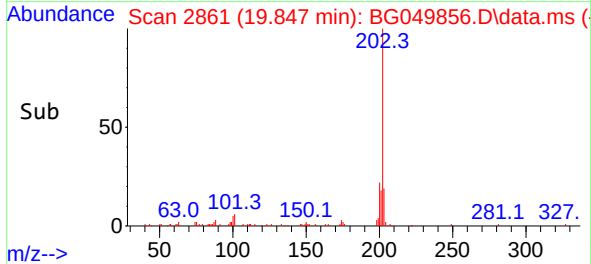




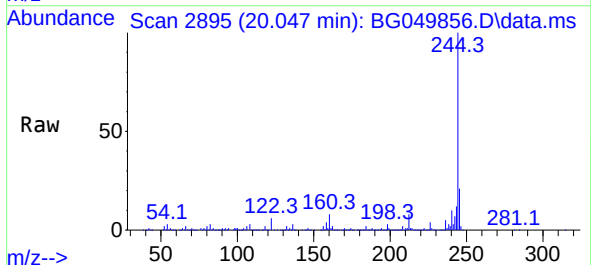
#78
 Pyrene
 Concen: 4.589 ng
 RT: 19.847 min Scan# 2861
 Delta R.T. -0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06



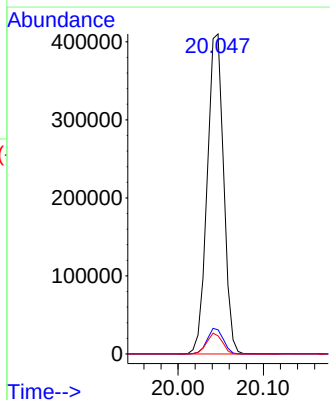
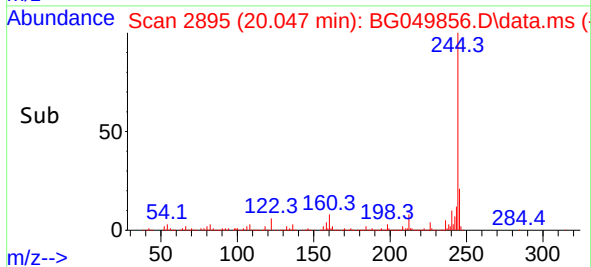
Tgt Ion:	202	Resp:	49690
Ion Ratio	Lower	Upper	
202	100		
200	21.9	15.8	23.8
203	18.6	14.6	21.8



#79
 Terphenyl-d14
 Concen: 62.773 ng
 RT: 20.047 min Scan# 2895
 Delta R.T. -0.000 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06



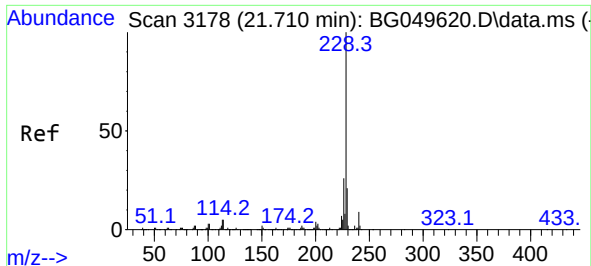
Tgt Ion:	244	Resp:	548923
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.9	10.3
122	5.7	5.0	7.6



Instrument :
 BNA_G
 ClientSampleId :
 34S

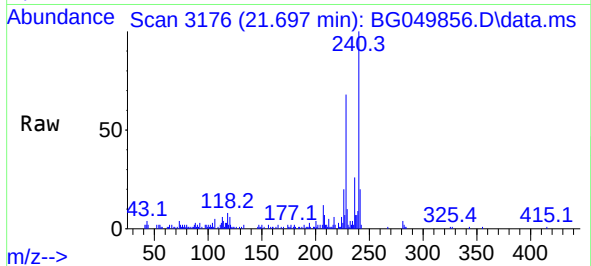
Manual Integrations
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#81
Benzo(a)anthracene
Concen: 2.467 ng m
RT: 21.697 min Scan# 3176
Delta R.T. -0.000 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

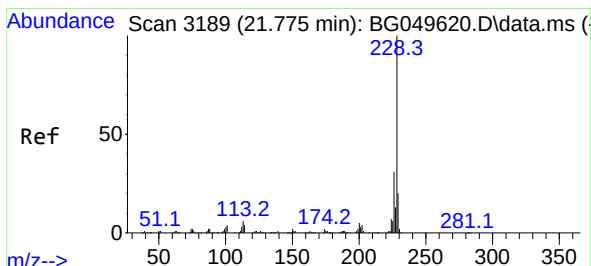
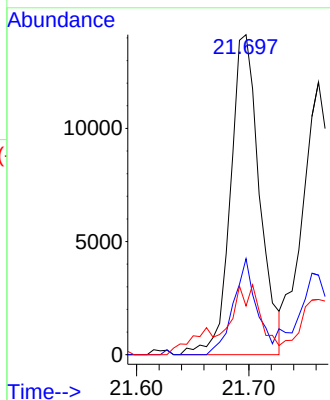
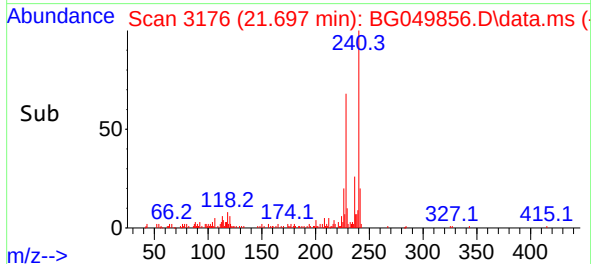
Instrument :
BNA_G
ClientSampled :
34S



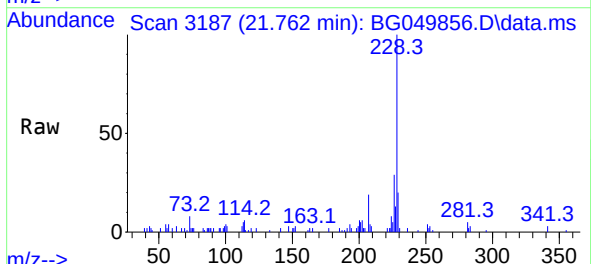
Tgt Ion:228 Resp: 25512
Ion Ratio Lower Upper
228 100
226 30.0 22.7 34.1
229 15.2 16.0 24.0#

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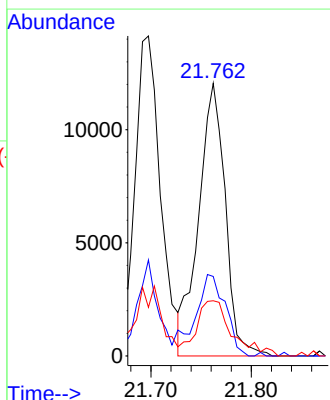
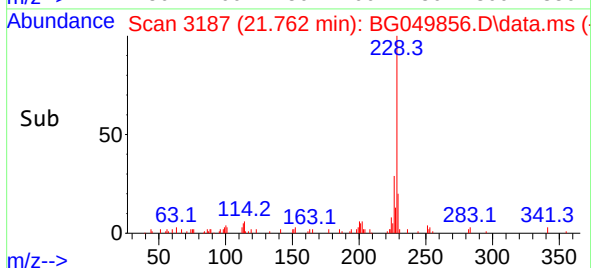
mohammad
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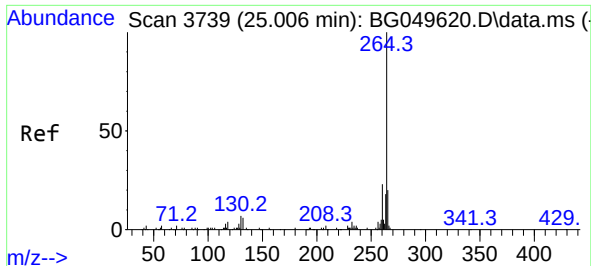


#83
Chrysene
Concen: 2.255 ng
RT: 21.762 min Scan# 3187
Delta R.T. -0.006 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06



Tgt Ion:228 Resp: 22297
Ion Ratio Lower Upper
228 100
226 29.2 23.1 34.7
229 20.2 15.3 22.9





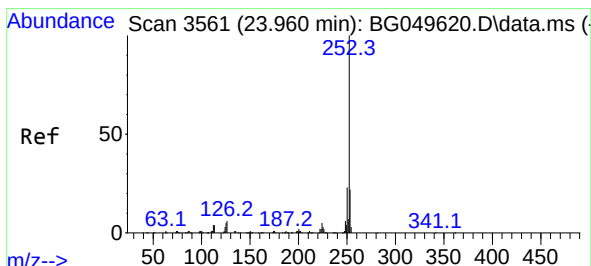
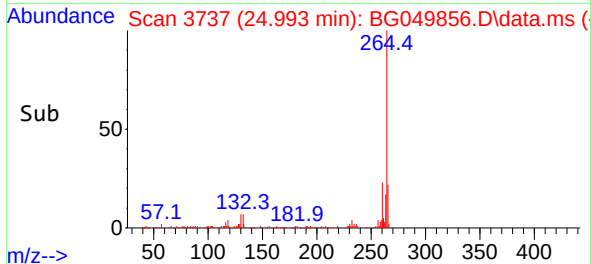
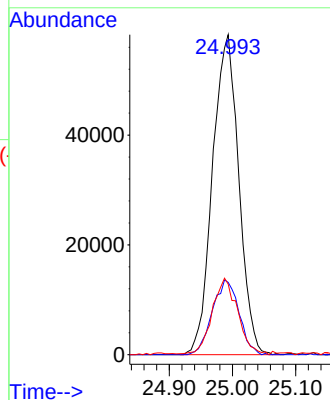
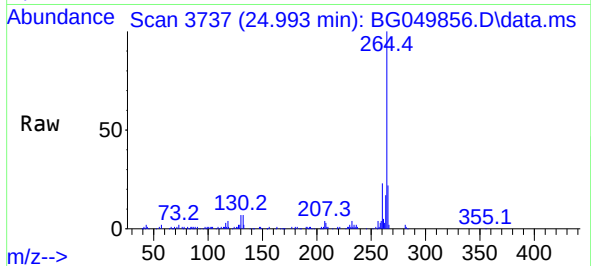
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.993 min Scan# 3737
Delta R.T. 0.006 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

Tgt Ion:264 Resp: 168201
Ion Ratio Lower Upper
264 100
260 22.6 19.4 29.2
265 22.1 16.9 25.3

Instrument :
BNA_G
ClientSampled :
34S

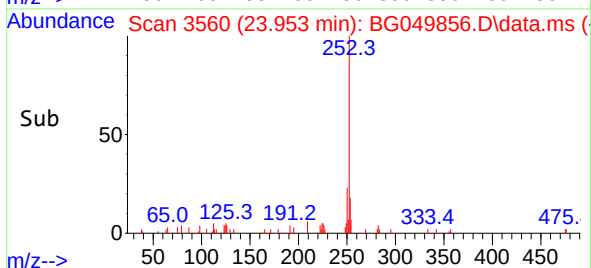
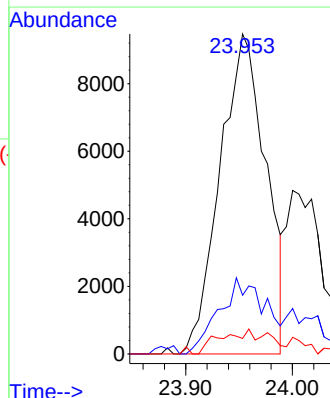
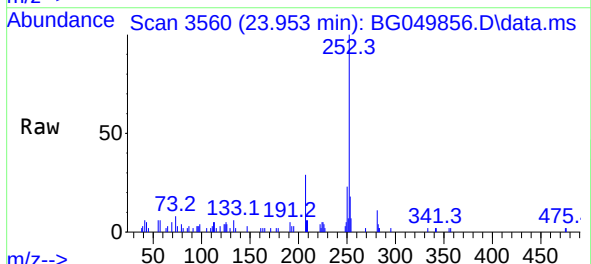
Manual Integrations
APPROVED

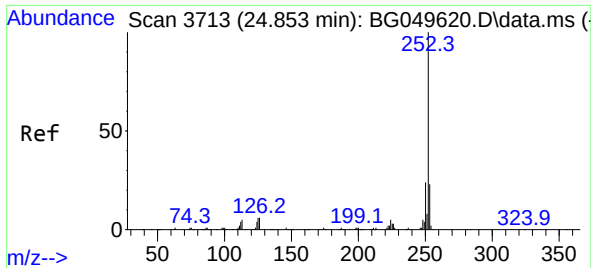
mohammad
8/17/2021 1:20:40 PM



#88
Benzo(b)fluoranthene
Concen: 2.555 ng
RT: 23.953 min Scan# 3560
Delta R.T. -0.000 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

Tgt Ion:252 Resp: 28181
Ion Ratio Lower Upper
252 100
253 18.3 16.2 24.4
125 4.8 3.0 4.4#





#90
Benzo(a)pyrene
Concen: 2.291 ng
RT: 24.834 min Scan# 3710
Delta R.T. -0.006 min
Lab File: BG049856.D
Acq: 16 Aug 2021 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.9	16.6	25.0
125	7.1	3.5	5.3

Instrument :
BNA_G
ClientSampleId :
34S

Manual Integrations
APPROVED

mohammad
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