

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
 Data File : BG049876.D
 Acq On : 17 Aug 2021 13:46
 Operator : CG/JU
 Sample : M3408-05DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 32SDL

Manual Integrations
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Quant Time: Aug 17 14:32:15 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	8.024	152	34667	20.000	ng	# 0.00
21) Naphthalene-d8	10.850	136	138072	20.000	ng	# 0.00
39) Acenaphthene-d10	14.680	164	92478	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	171120	20.000	ng	# 0.00
76) Chrysene-d12	21.718	240	154357	20.000	ng	0.00
86) Perylene-d12	25.001	264	163566	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	72487	37.483	ng	0.00
7) Phenol-d6	7.190	99	103037	35.197	ng	0.00
23) Nitrobenzene-d5	9.193	82	74340	23.825	ng	0.00
42) 2,4,6-Tribromophenol	16.172	330	48010	35.320	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	157057	24.712	ng	0.00
79) Terphenyl-d14	20.043	244	205066	24.129	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.745	154	16955	3.376	ng	97
58) Fluorene	15.731	166	15561	2.350	ng	99
71) Phenanthrene	17.476	178	342460	38.039	ng	97
72) Anthracene	17.564	178	81964	9.270	ng	96
73) Carbazole	17.835	167	17966	2.145	ng	# 86
75) Fluoranthene	19.491	202	444679	40.139	ng	99
78) Pyrene	19.855	202	496041	47.138	ng	98
81) Benzo(a)anthracene	21.700	228	228046	22.686	ng	97
83) Chrysene	21.765	228	241407m	25.123	ng	
87) Indeno(1,2,3-cd)pyrene	28.761	276	184170	15.613	ng	# 96
88) Benzo(b)fluoranthene	23.962	252	292054	27.225	ng	# 98
89) Benzo(k)fluoranthene	24.014	252	88557m	8.850	ng	
90) Benzo(a)pyrene	24.849	252	266294	27.430	ng	95
91) Dibenzo(a,h)anthracene	28.802	278	52407	5.272	ng	# 82
92) Benzo(g,h,i)perylene	29.936	276	235024	24.134	ng	# 99

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

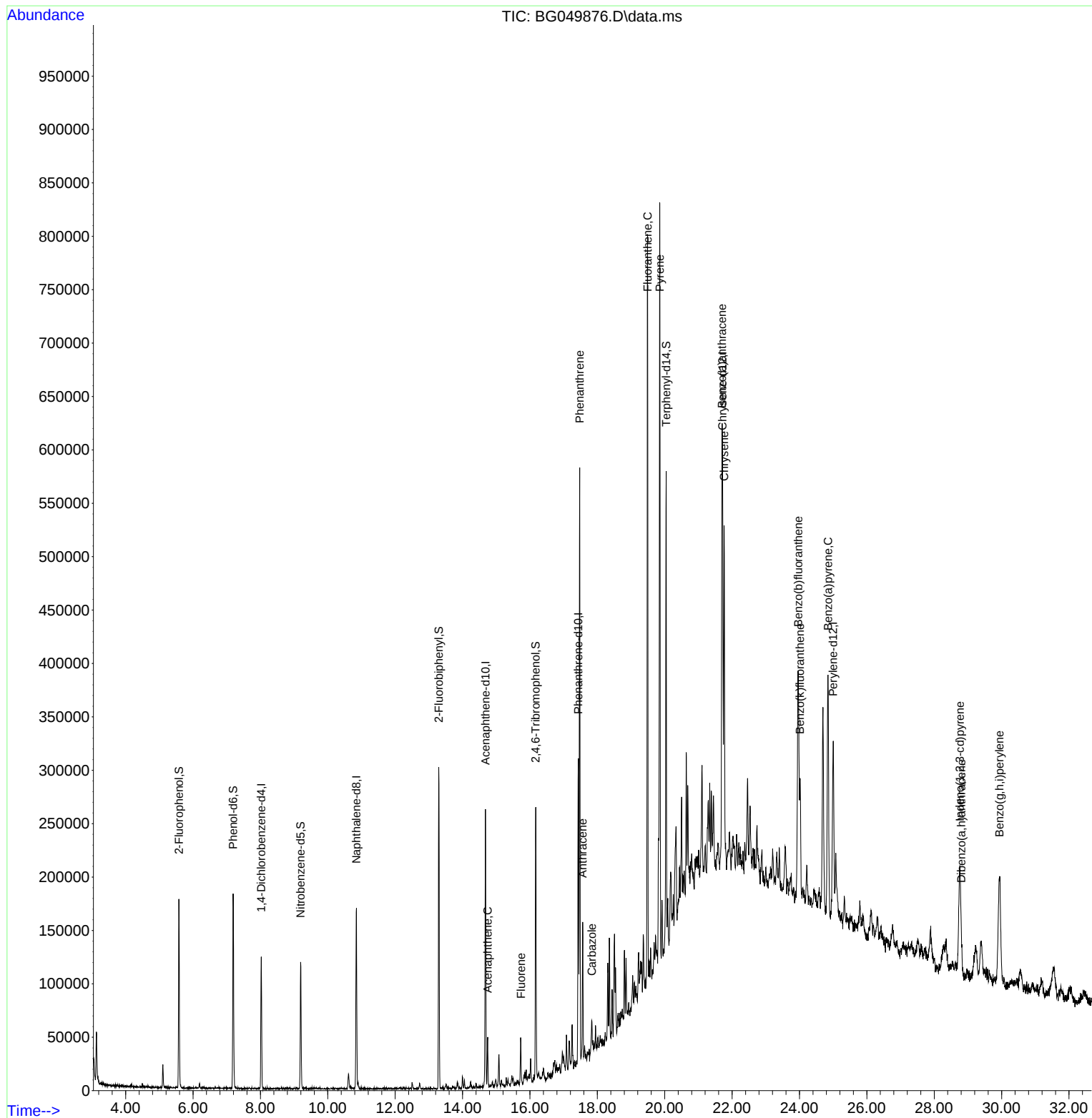
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
Data File : BG049876.D
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ALS Vial : 7 Sample Multiplier: 1

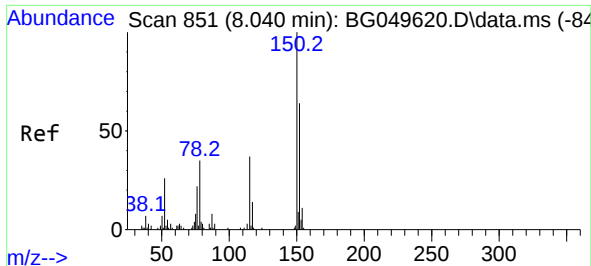
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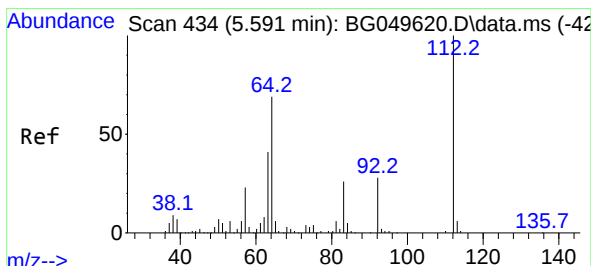
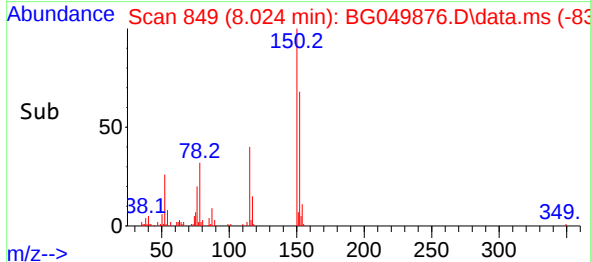
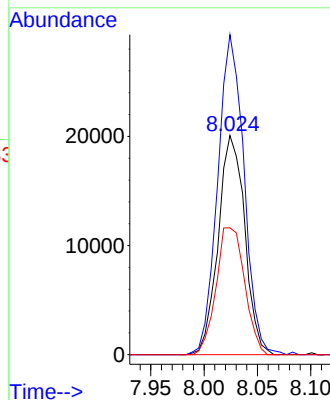
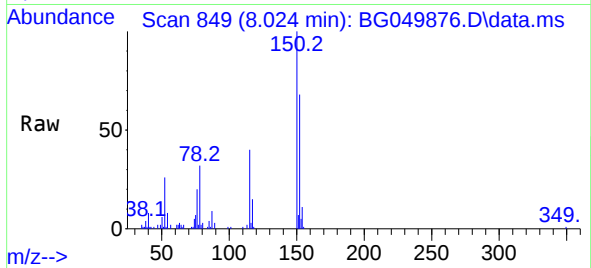
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.024 min Scan# 849
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

Tgt Ion:152 Resp: 34667
Ion Ratio Lower Upper
152 100
150 146.0 119.4 179.0
115 57.9 60.2 90.4#

Instrument :
BNA_G
ClientSampled :
32SDL

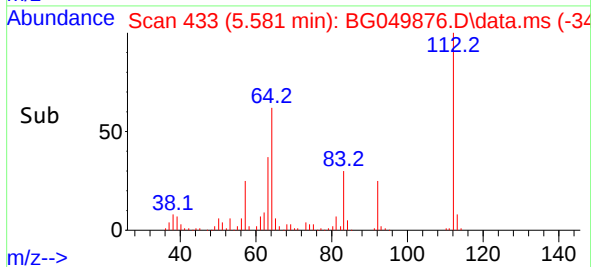
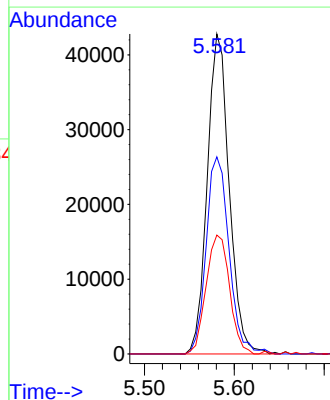
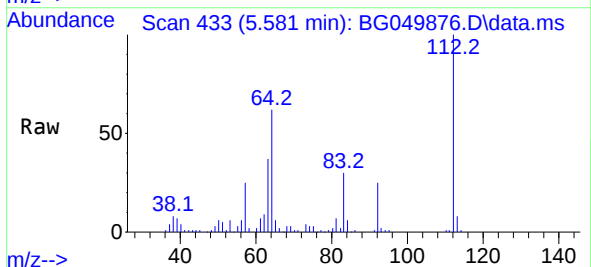
Manual Integrations
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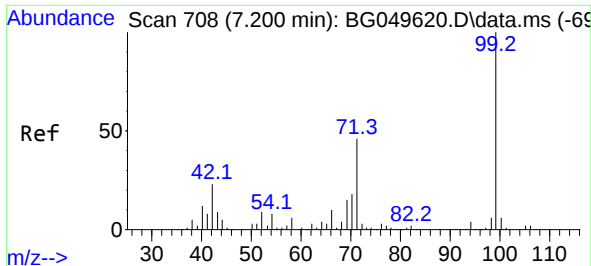
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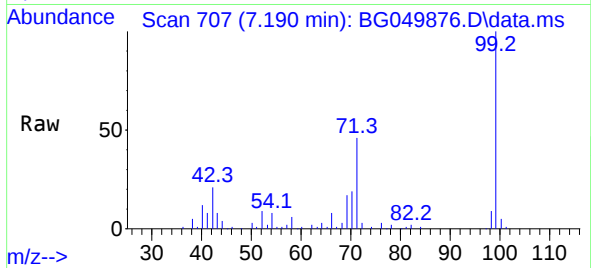
#5
2-Fluorophenol
Concen: 37.483 ng
RT: 5.581 min Scan# 433
Delta R.T. 0.002 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

Tgt Ion:112 Resp: 72487
Ion Ratio Lower Upper
112 100
64 61.6 46.7 70.1
63 37.2 35.3 52.9

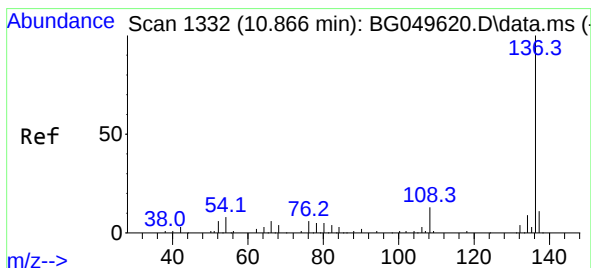
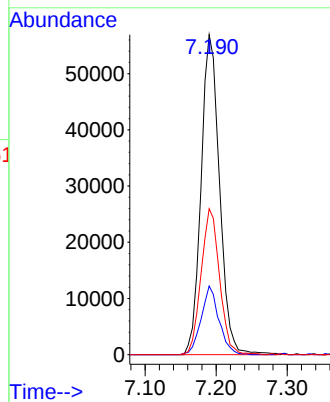
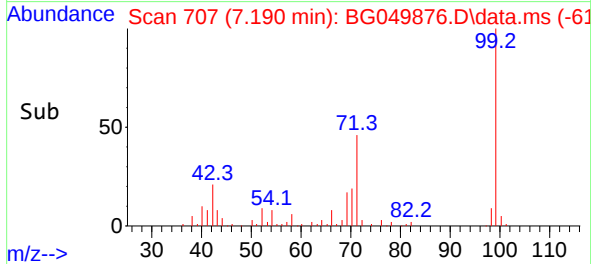




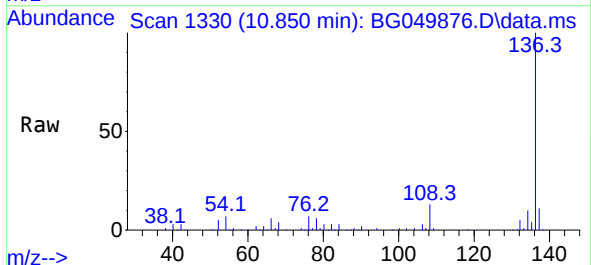
#7
Phenol-d6
Concen: 35.197 ng
RT: 7.190 min Scan# 707
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46



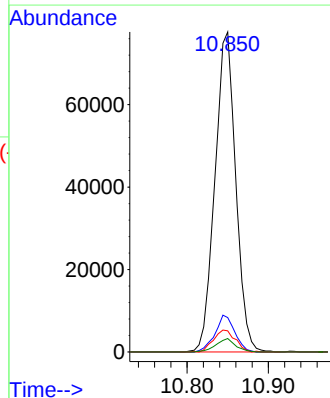
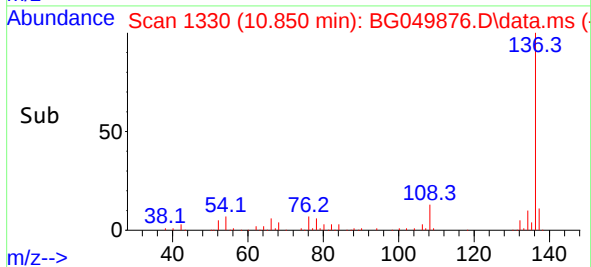
Tgt Ion: 99 Resp: 103037
Ion Ratio Lower Upper
99 100
42 21.4 20.5 30.7
71 45.6 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.850 min Scan# 1330
Delta R.T. 0.002 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46



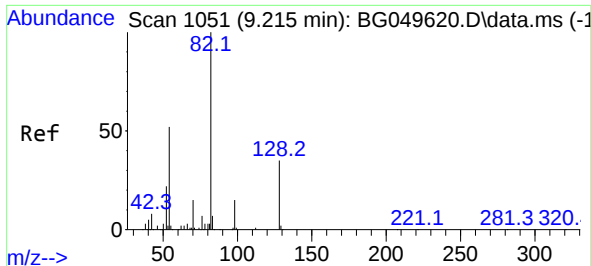
Tgt Ion: 136 Resp: 138072
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 6.6 5.5 8.3
68 4.2 2.3 3.5#



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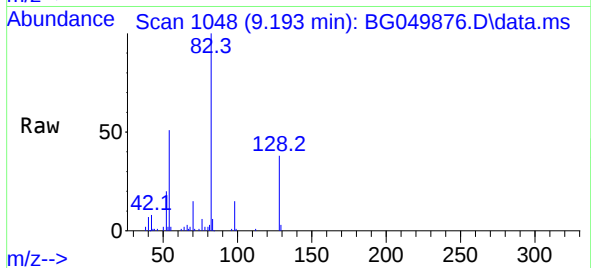
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#23
Nitrobenzene-d5
Concen: 23.825 ng
RT: 9.193 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

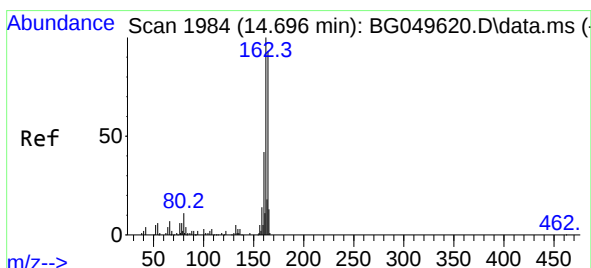
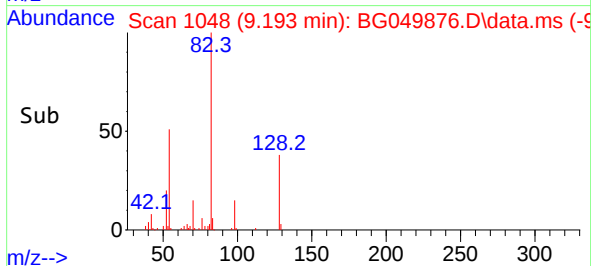
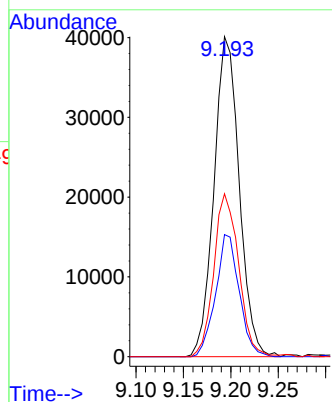
Instrument :
BNA_G
ClientSampled :
32SDL



Tgt Ion: 82 Resp: 74340
Ion Ratio Lower Upper
82 100
128 38.2 29.8 44.6
54 50.9 45.8 68.8

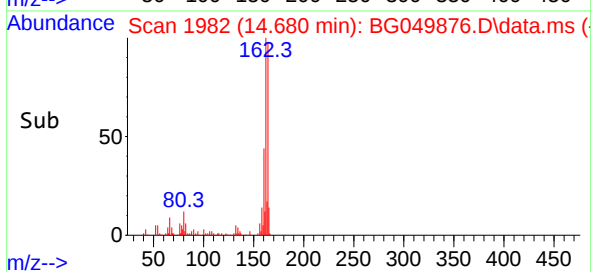
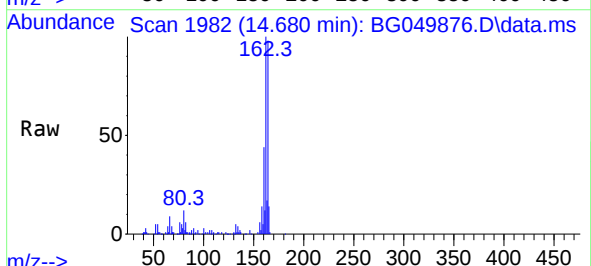
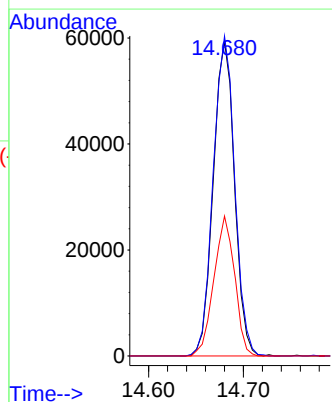
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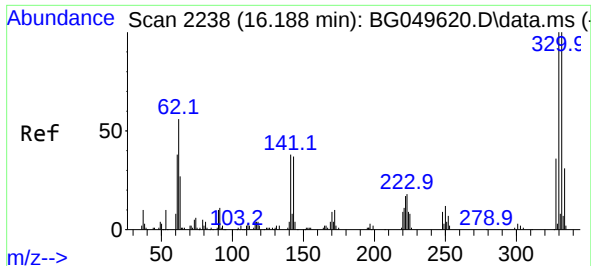
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.680 min Scan# 1982
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

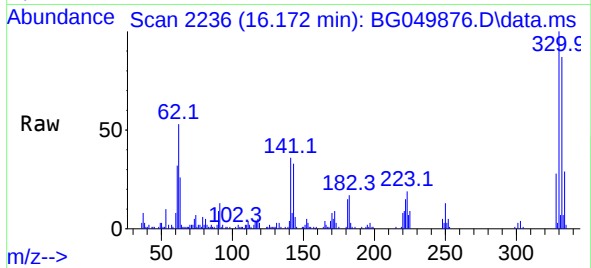
Tgt Ion: 164 Resp: 92478
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 44.5 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 35.320 ng
RT: 16.172 min Scan# 2236
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

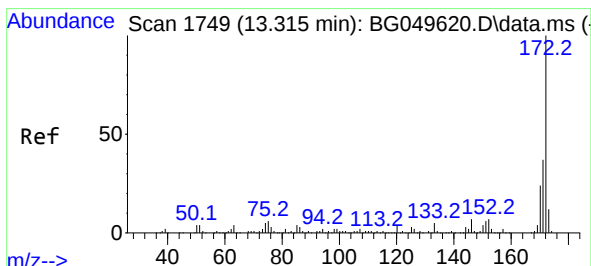
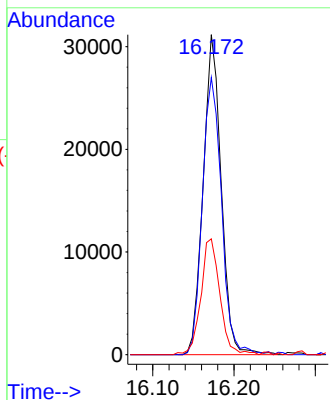
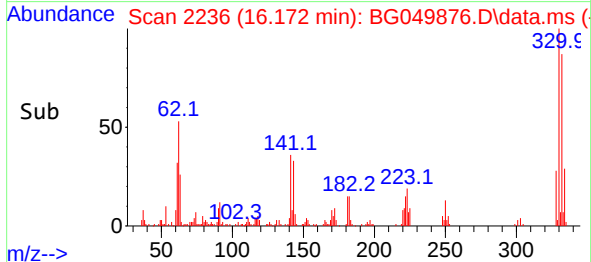
Instrument :
BNA_G
ClientSampled :
32SDL



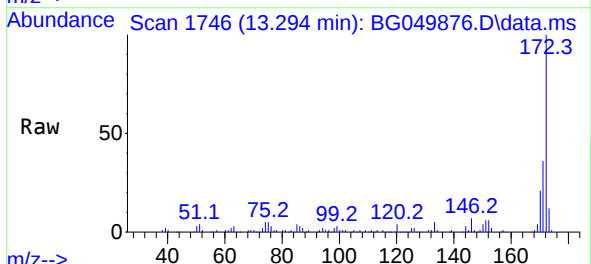
Tgt Ion:330 Resp: 48010
Ion Ratio Lower Upper
330 100
332 92.3 77.3 115.9
141 38.1 35.6 53.4

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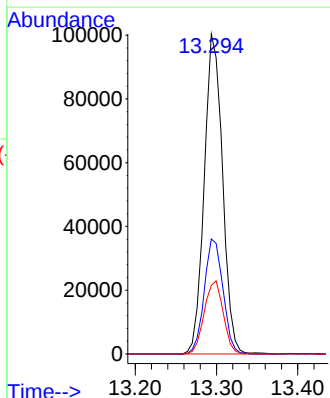
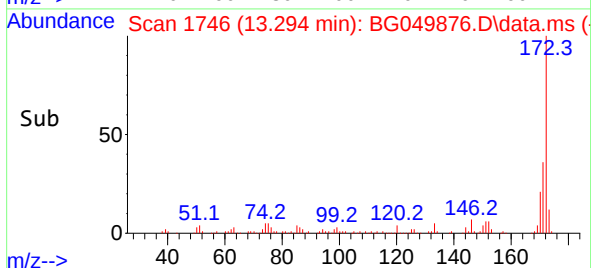
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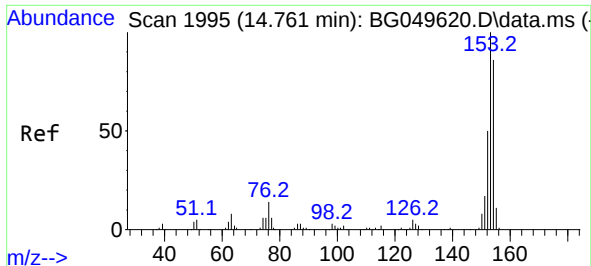


#45
2-Fluorobiphenyl
Concen: 24.712 ng
RT: 13.294 min Scan# 1746
Delta R.T. -0.010 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46



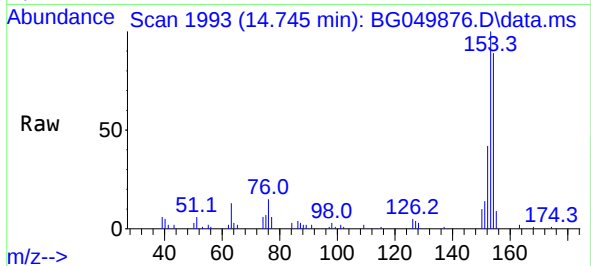
Tgt Ion:172 Resp: 157057
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 21.4 18.6 27.8





#52
Acenaphthene
Concen: 3.376 ng
RT: 14.745 min Scan# 1993
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

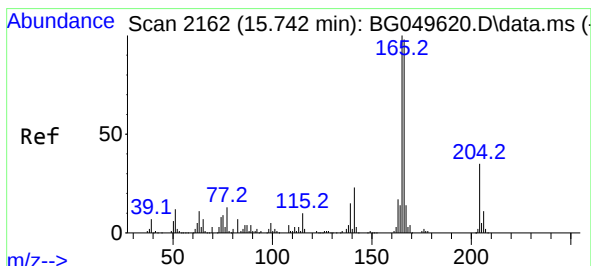
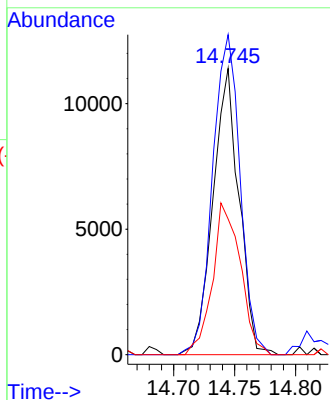
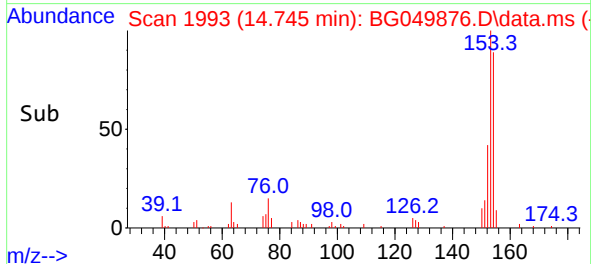
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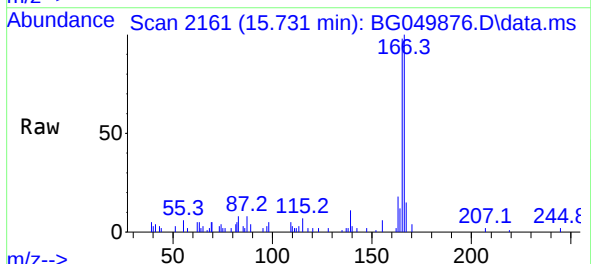
Tgt Ion:154 Resp: 16955
Ion Ratio Lower Upper
154 100
153 111.8 87.0 130.4
152 47.4 40.1 60.1

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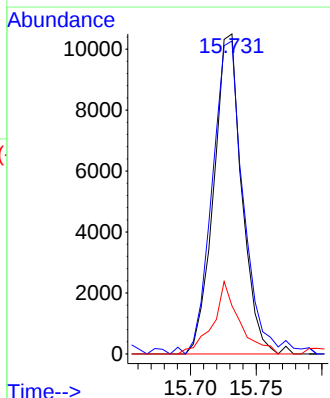
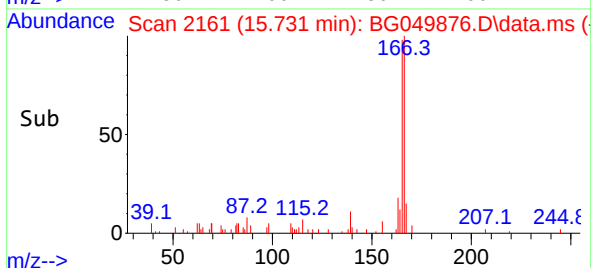
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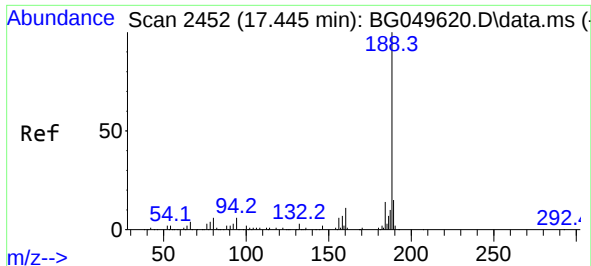


#58
Fluorene
Concen: 2.350 ng
RT: 15.731 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46



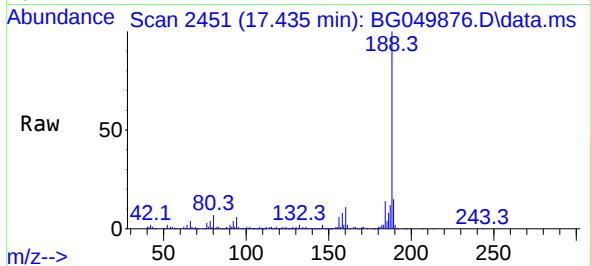
Tgt Ion:166 Resp: 15561
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 15.1 10.8 16.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.435 min Scan# 2451
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

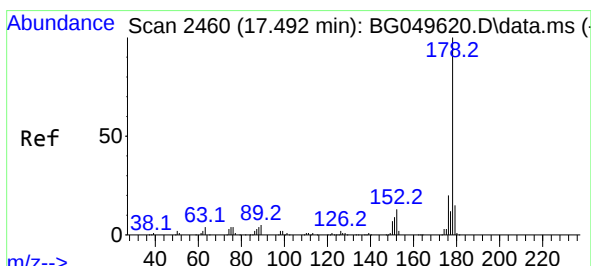
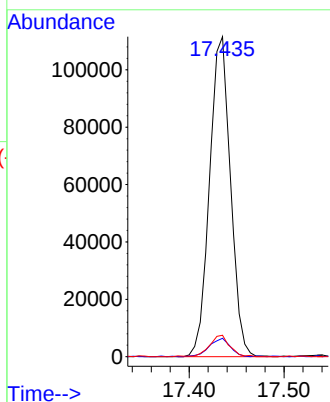
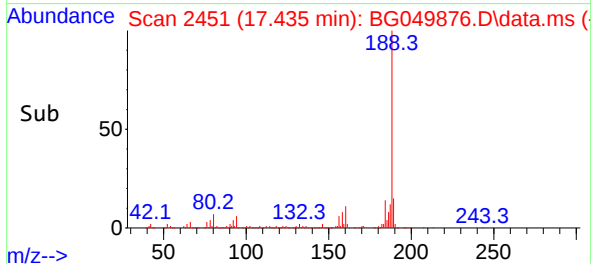
Instrument :
BNA_G
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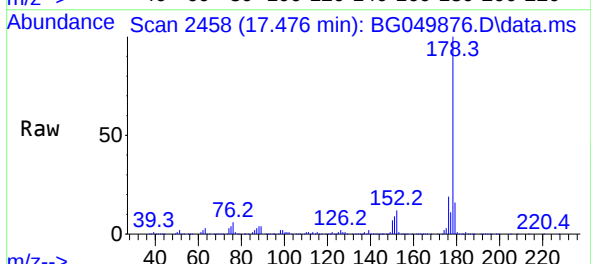
Tgt Ion:188 Resp: 171120
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 6.7 3.7 5.5#

Manual Integrations
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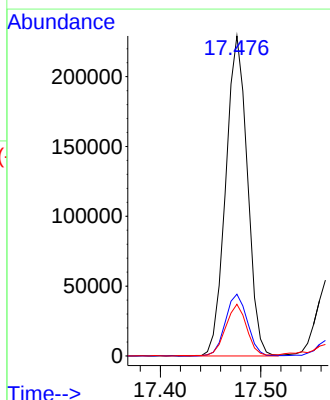
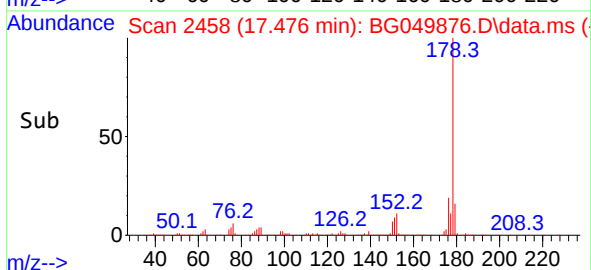
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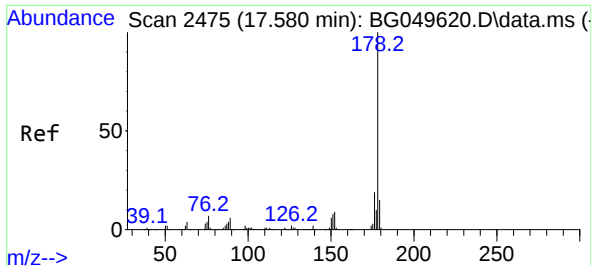


#71
Phenanthrene
Concen: 38.039 ng
RT: 17.476 min Scan# 2458
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

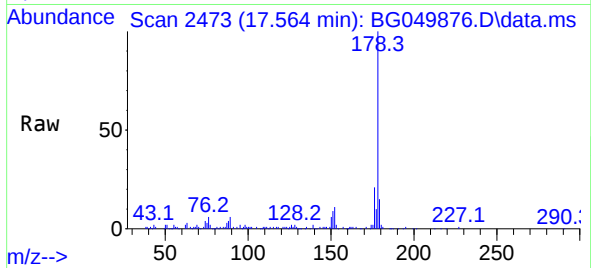


Tgt Ion:178 Resp: 342460
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.1 14.2 21.4

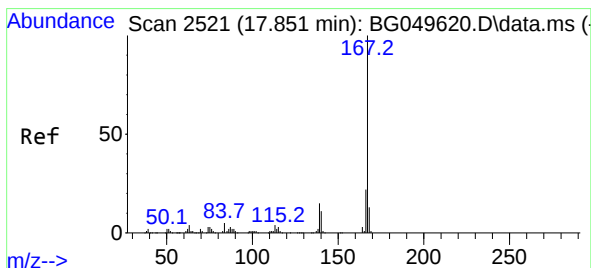
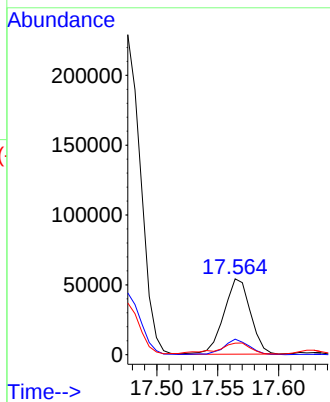
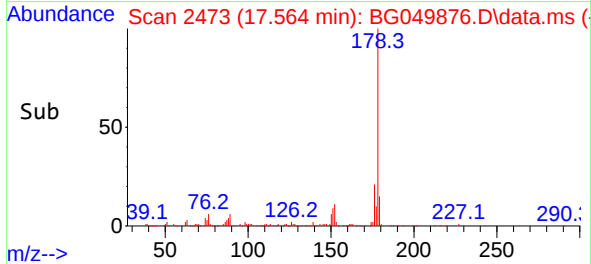




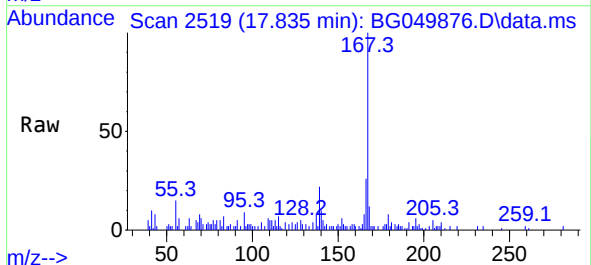
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 Anthracene
 Concen: 9.270 ng
 RT: 17.564 min Scan# 2473
 Delta R.T. -0.004 min
 Lab File: BG049876.D
 Acq: 17 Aug 2021 13:46



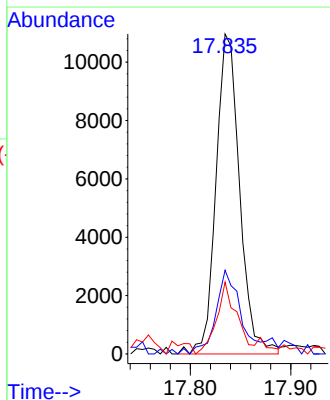
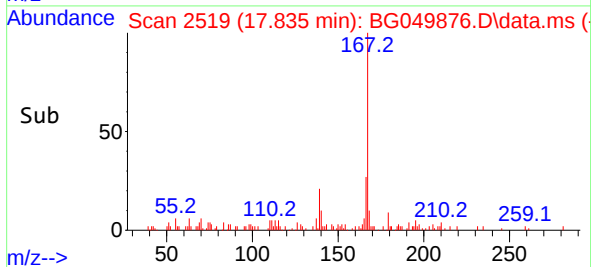
Tgt Ion:178 Resp: 81964
 Ion Ratio Lower Upper
 178 100
 176 20.6 14.6 21.8
 179 15.2 13.4 20.0



#73
 Carbazole
 Concen: 2.145 ng
 RT: 17.835 min Scan# 2519
 Delta R.T. -0.004 min
 Lab File: BG049876.D
 Acq: 17 Aug 2021 13:46



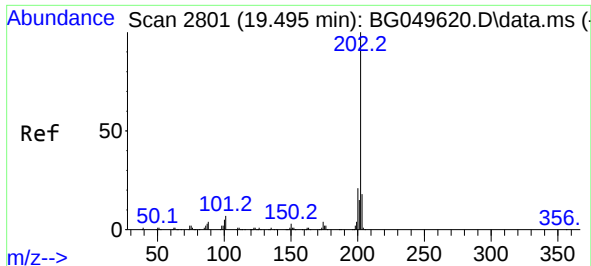
Tgt Ion:167 Resp: 17966
 Ion Ratio Lower Upper
 167 100
 166 26.2 17.4 26.2#
 139 22.4 10.7 16.1#



Instrument :
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 ClientSampleId :
 32SDL

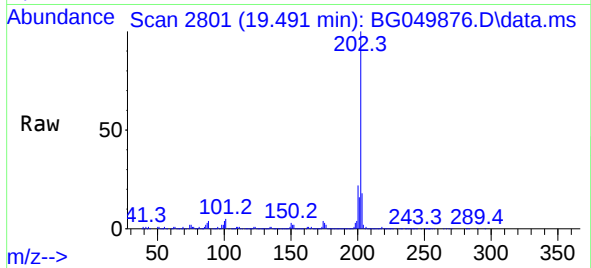
Manual Integrations
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#75
Fluoranthene
Concen: 40.139 ng
RT: 19.491 min Scan# 2801
Delta R.T. 0.002 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

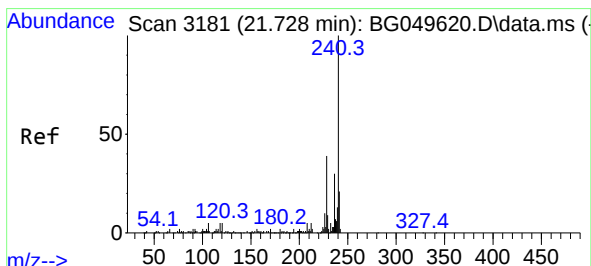
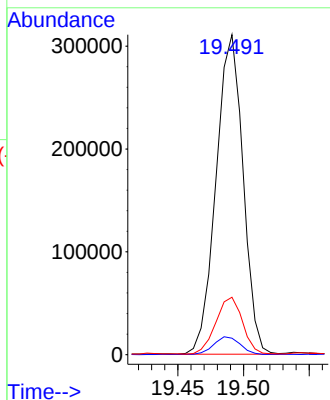
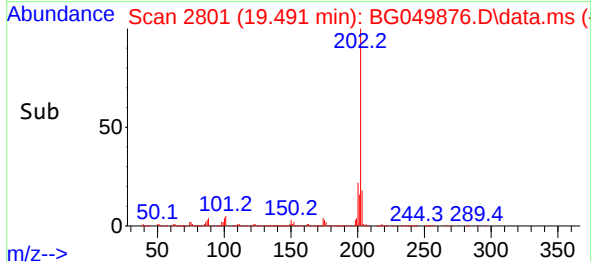
Instrument :
BNA_G
ClientSampled :
32SDL



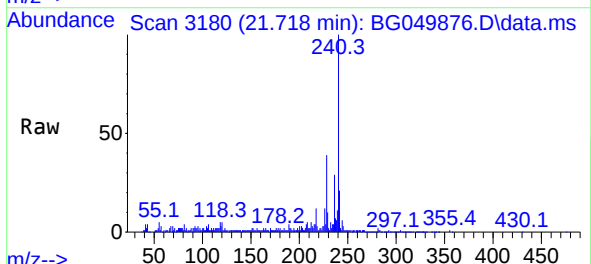
Tgt Ion:202 Resp: 444679
Ion Ratio Lower Upper
202 100
101 5.2 0.0 24.7
203 18.0 0.0 38.5

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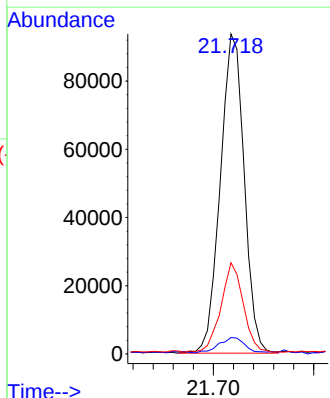
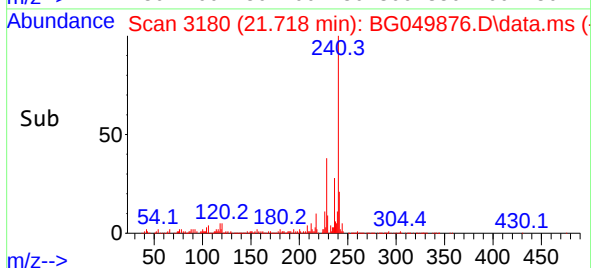
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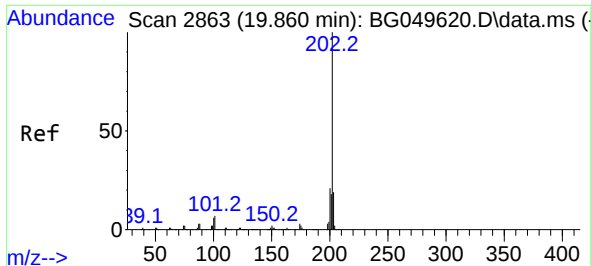


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.718 min Scan# 3180
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

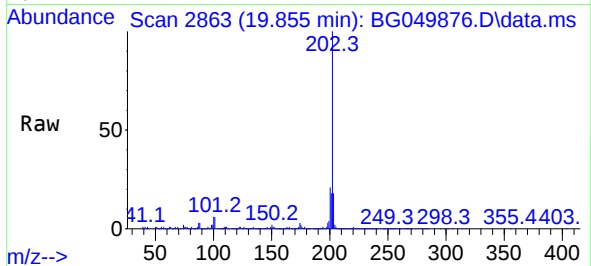


Tgt Ion:240 Resp: 154357
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 28.5 21.8 32.6

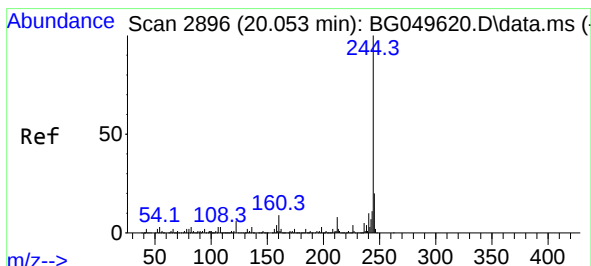
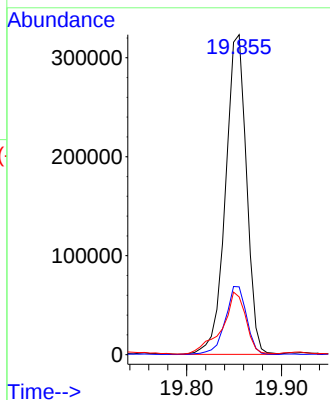
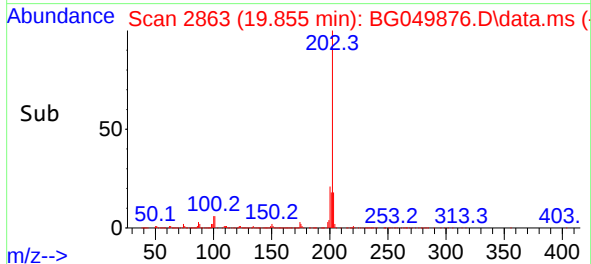




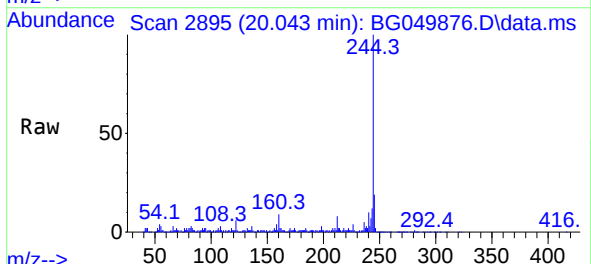
#78
Pyrene
Concen: 47.138 ng
RT: 19.855 min Scan# 2863
Delta R.T. 0.002 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46



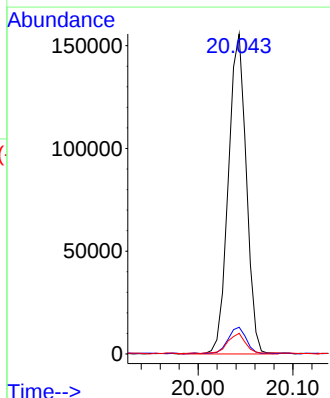
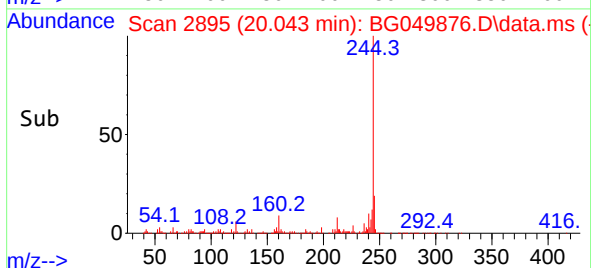
Tgt Ion:202 Resp: 496041
Ion Ratio Lower Upper
202 100
200 21.2 15.8 23.8
203 18.0 14.6 21.8



#79
Terphenyl-d14
Concen: 24.129 ng
RT: 20.043 min Scan# 2895
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46



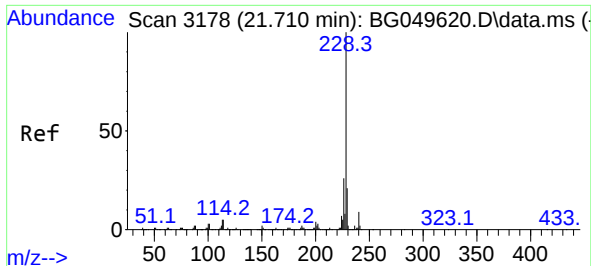
Tgt Ion:244 Resp: 205066
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.4 5.0 7.6



Instrument :
BNA_G
ClientSampled :
32SDL

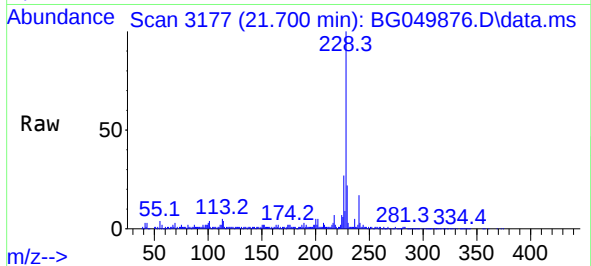
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#81
Benzo(a)anthracene
Concen: 22.686 ng
RT: 21.700 min Scan# 3177
Delta R.T. 0.002 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

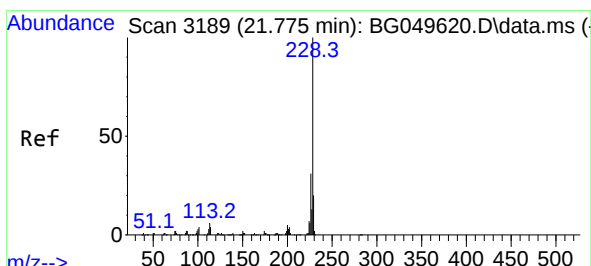
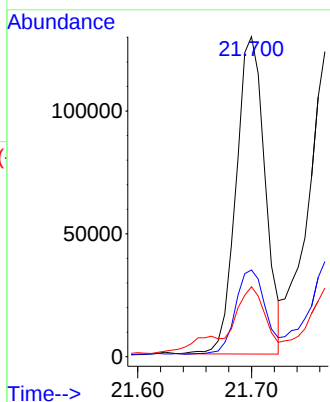
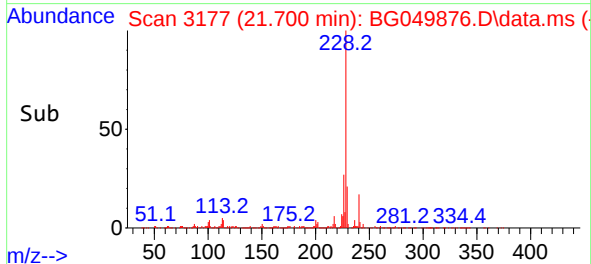
Instrument :
BNA_G
ClientSampled :
32SDL



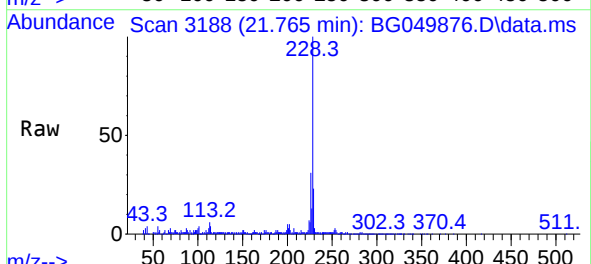
Tgt Ion:228 Resp: 228046
Ion Ratio Lower Upper
228 100
226 27.1 22.7 34.1
229 21.8 16.0 24.0

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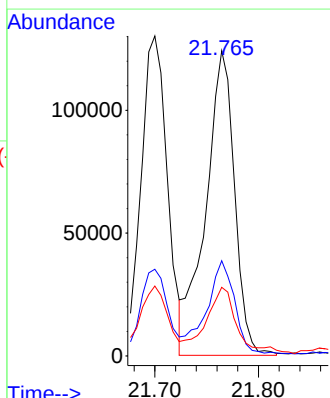
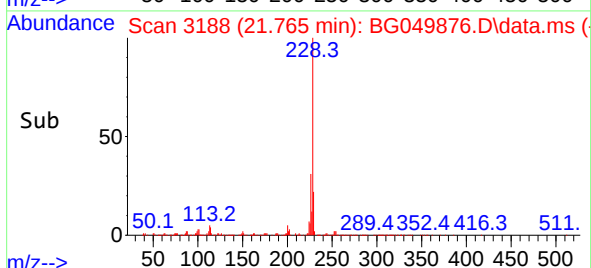
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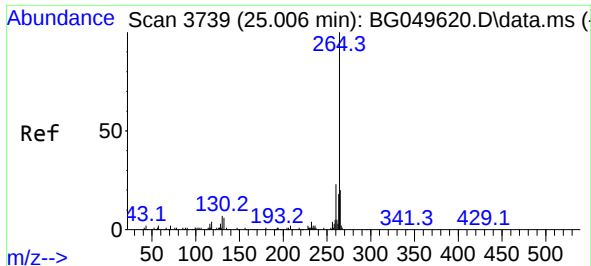


#83
Chrysene
Concen: 25.123 ng m
RT: 21.765 min Scan# 3188
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46



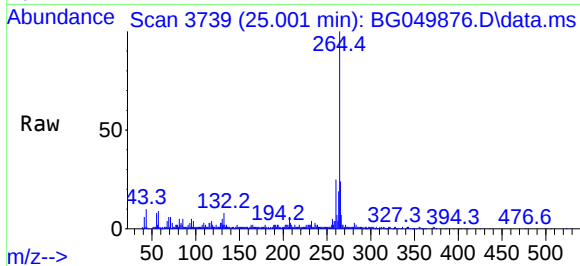
Tgt Ion:228 Resp: 241407
Ion Ratio Lower Upper
228 100
226 31.2 23.1 34.7
229 22.5 15.3 22.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3739
Delta R.T. 0.014 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

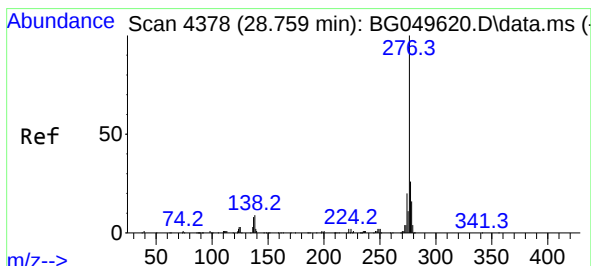
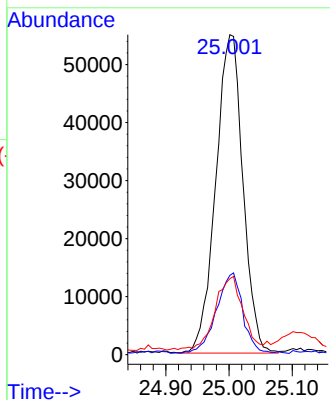
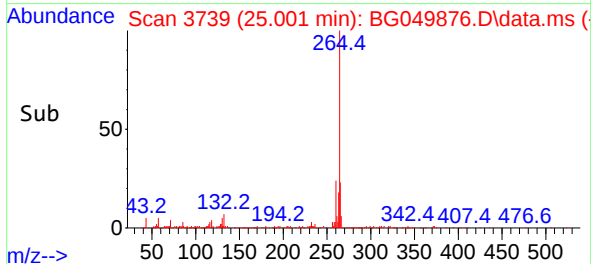
Instrument :
BNA_G
ClientSampled :
32SDL



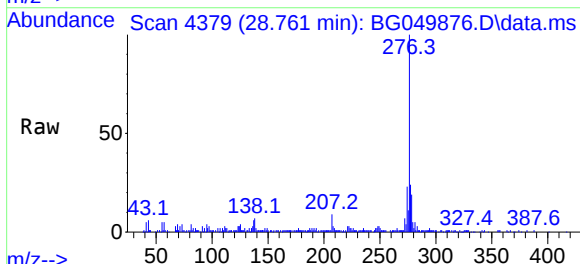
Tgt Ion:264 Resp: 163566
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 23.8 16.9 25.3

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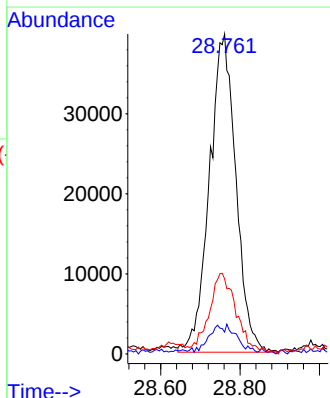
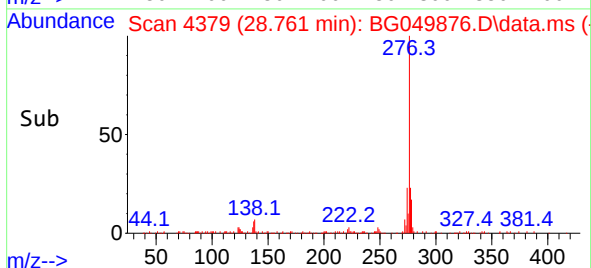
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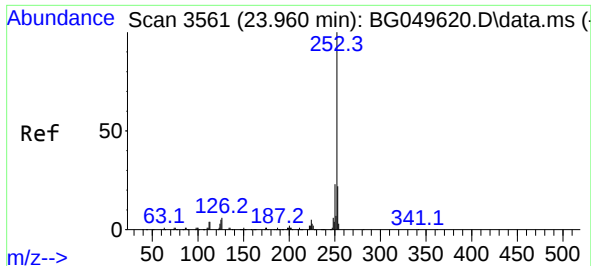


#87
Indeno(1,2,3-cd)pyrene
Concen: 15.613 ng
RT: 28.761 min Scan# 4379
Delta R.T. 0.026 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46



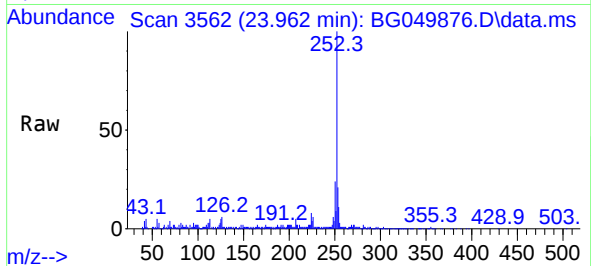
Tgt Ion:276 Resp: 184170
Ion Ratio Lower Upper
276 100
138 4.9 5.1 7.7#
277 26.6 19.8 29.6





#88
Benzo(b)fluoranthene
Concen: 27.225 ng
RT: 23.962 min Scan# 3562
Delta R.T. 0.008 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

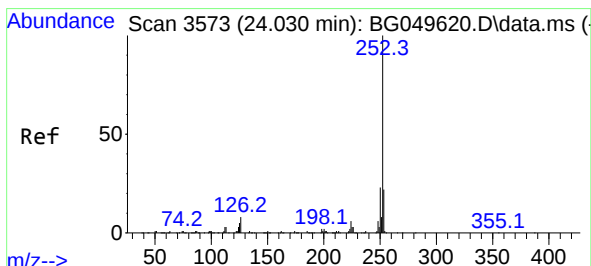
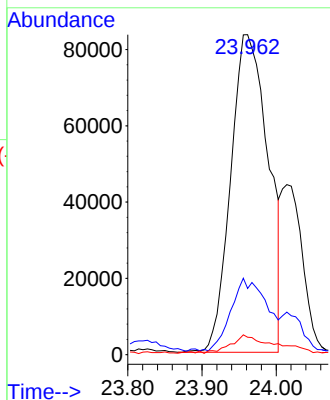
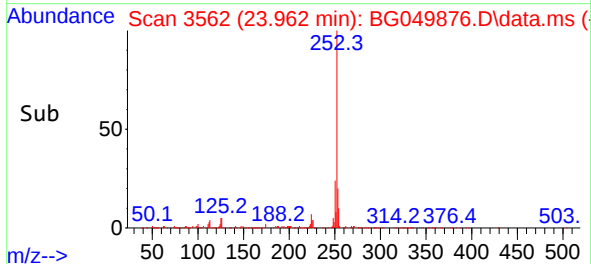
Instrument :
BNA_G
ClientSampled :
32SDL



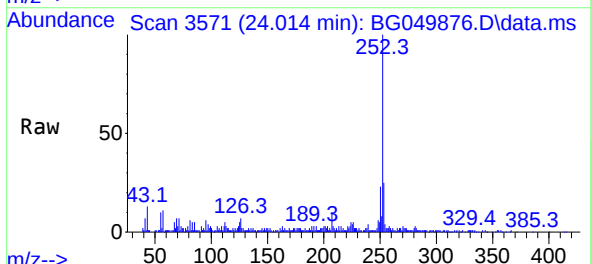
Tgt Ion:252 Resp: 292054
Ion Ratio Lower Upper
252 100
253 20.7 16.2 24.4
125 5.4 3.0 4.4#

Manual Integrations
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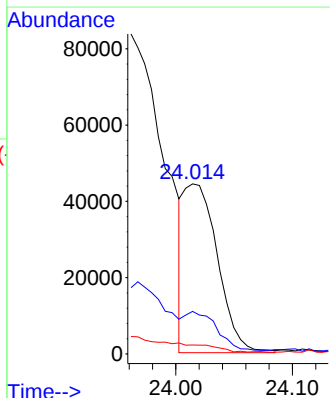
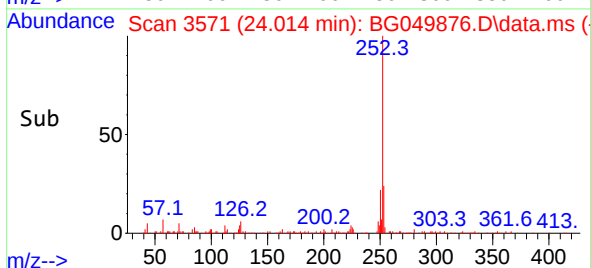
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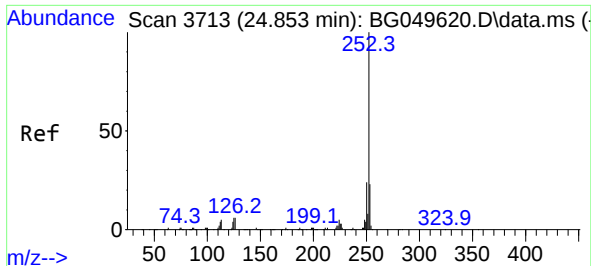


#89
Benzo(k)fluoranthene
Concen: 8.850 ng m
RT: 24.014 min Scan# 3571
Delta R.T. -0.004 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46



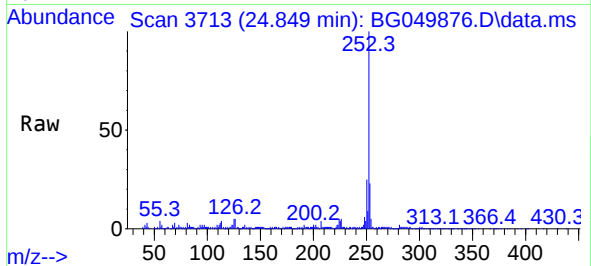
Tgt Ion:252 Resp: 88557
Ion Ratio Lower Upper
252 100
253 25.1 18.0 27.0
125 5.3 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 27.430 ng
RT: 24.849 min Scan# 3713
Delta R.T. 0.008 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

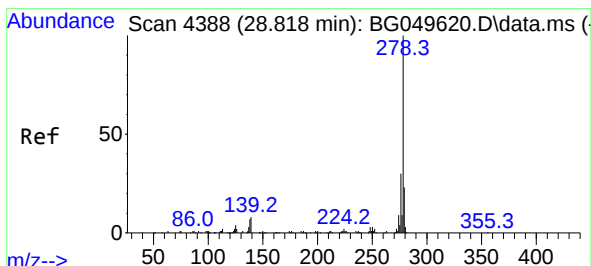
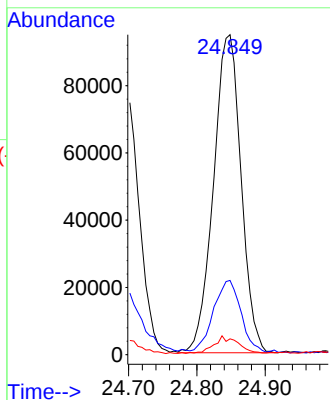
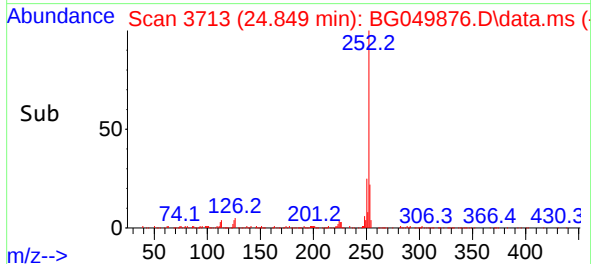
Instrument :
BNA_G
ClientSampled :
32SDL



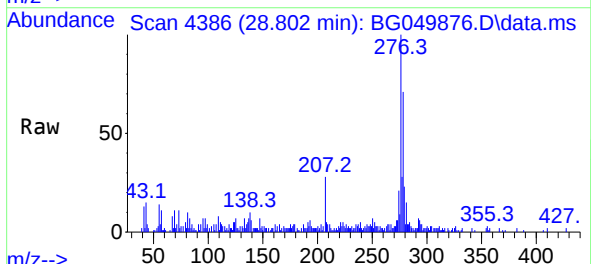
Tgt Ion:252 Resp: 266294
Ion Ratio Lower Upper
252 100
253 23.2 16.6 25.0
125 5.0 3.5 5.3

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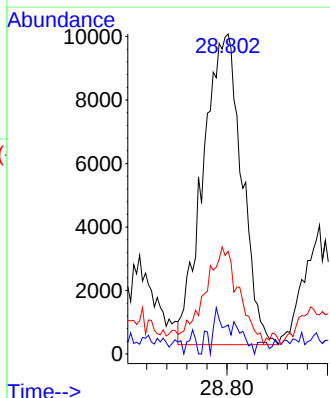
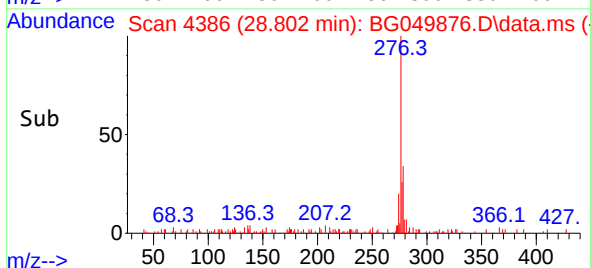
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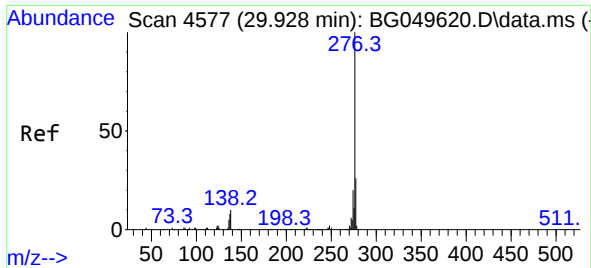


#91
Dibenzo(a,h)anthracene
Concen: 5.272 ng
RT: 28.802 min Scan# 4386
Delta R.T. 0.002 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46



Tgt Ion:278 Resp: 52407
Ion Ratio Lower Upper
278 100
139 9.1 4.6 6.8#
279 32.0 17.9 26.9#





#92
Benzo(g,h,i)perylene
Concen: 24.134 ng
RT: 29.936 min Scan# 4579
Delta R.T. 0.020 min
Lab File: BG049876.D
Acq: 17 Aug 2021 13:46

Tgt Ion: 276 Resp: 235024
Ion Ratio Lower Upper
276 100
277 23.0 18.4 27.6
138 7.0 7.0 10.6#

Instrument :
BNA_G
ClientSampleId :
32SDL

Manual Integrations
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