

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049861.D
 Acq On : 16 Aug 2021 22:32
 Operator : CG/JU
 Sample : M3404-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1-1-6FT

Manual Integrations
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Quant Time: Aug 17 04:43:17 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	8.026	152	33900	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	139400	20.000	ng	0.00
39) Acenaphthene-d10	14.682	164	90848	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	179191	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	156158	20.000	ng	0.00
86) Perylene-d12	24.991	264	163684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	207256	109.596	ng	0.00
7) Phenol-d6	7.198	99	296707	103.648	ng	0.00
23) Nitrobenzene-d5	9.201	82	214100	67.964	ng	0.00
42) 2,4,6-Tribromophenol	16.174	330	138706	103.873	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	398936	63.896	ng	0.00
79) Terphenyl-d14	20.045	244	468578	54.498	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.478	178	74947	7.950	ng	100
72) Anthracene	17.566	178	19095	2.062	ng	93
75) Fluoranthene	19.487	202	176699	15.231	ng	97
78) Pyrene	19.851	202	143311	13.461	ng	97
81) Benzo(a)anthracene	21.696	228	83727	8.233	ng	96
83) Chrysene	21.766	228	77965m	8.020	ng	
87) Indeno(1,2,3-cd)pyrene	28.727	276	45634	3.866	ng	# 94
88) Benzo(b)fluoranthene	23.951	252	94489	8.802	ng	# 93
89) Benzo(k)fluoranthene	24.016	252	34570m	3.452	ng	
90) Benzo(a)pyrene	24.833	252	64539	6.643	ng	99
92) Benzo(g,h,i)perylene	29.902	276	38617	3.963	ng	93

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

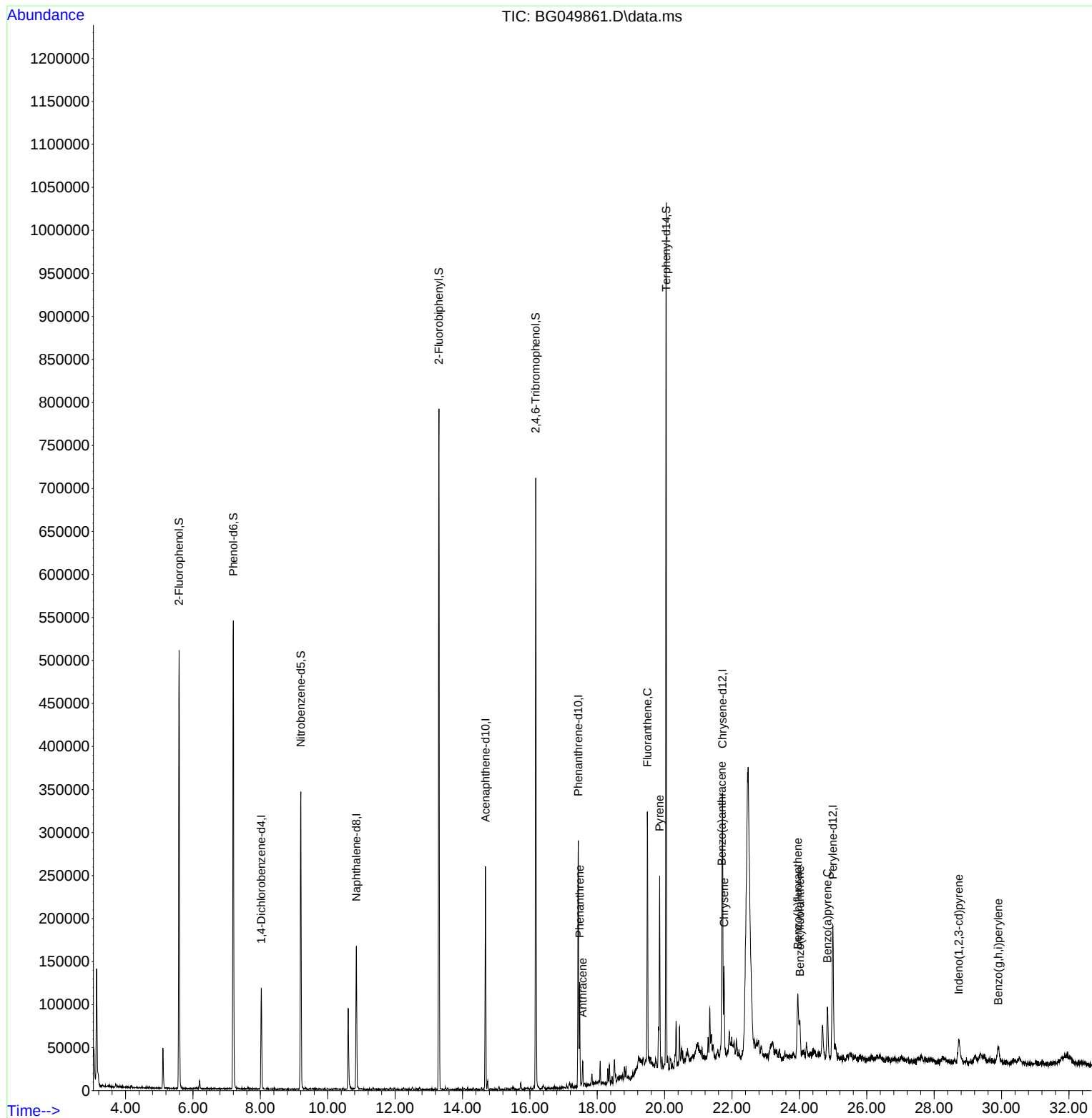
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049861.D
Acq On : 16 Aug 2021 22:32
Operator : CG/JU
Sample : M3404-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

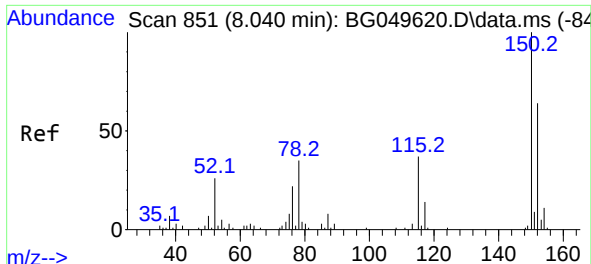
Instrument :
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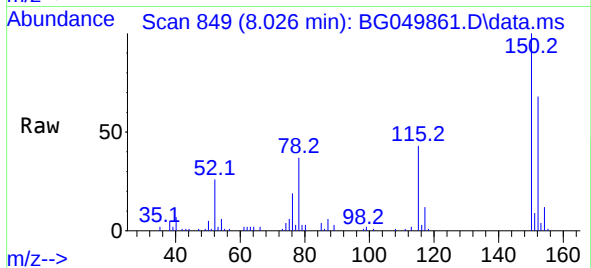
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Quant Time: Aug 17 04:43:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:23:02 2021
Response via : Initial Calibration

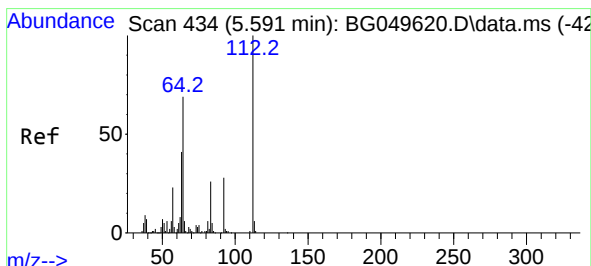
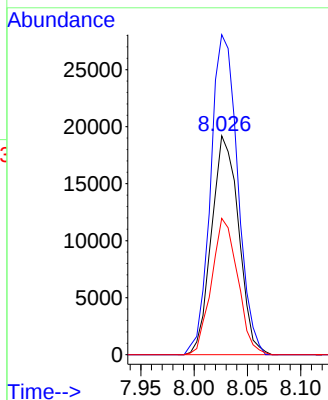
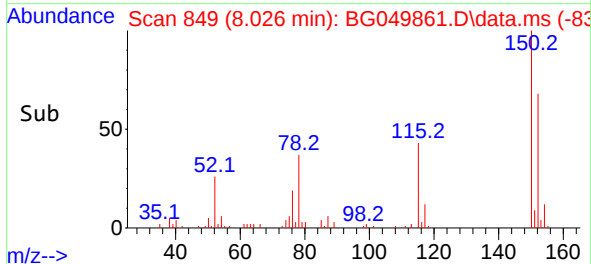




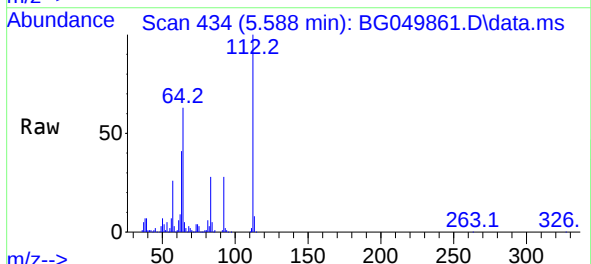
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.026 min Scan# 849
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32



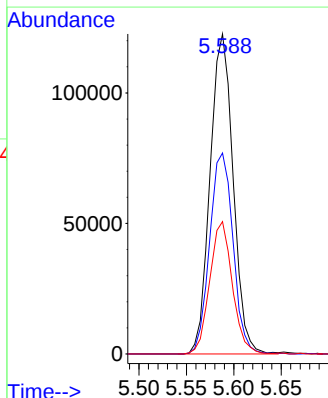
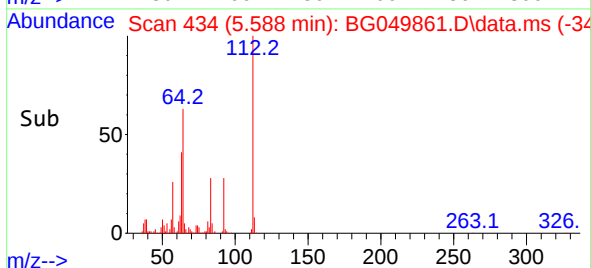
Tgt Ion:152 Resp: 33900
Ion Ratio Lower Upper
152 100
150 146.1 119.4 179.0
115 62.2 60.2 90.4



#5
2-Fluorophenol
Concen: 109.596 ng
RT: 5.588 min Scan# 434
Delta R.T. 0.010 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32



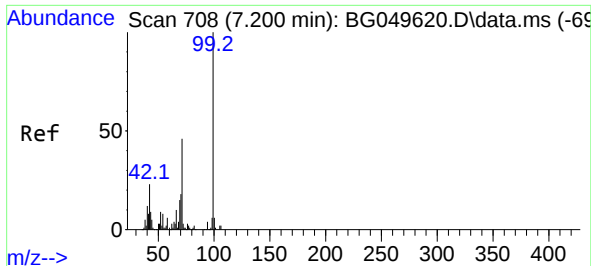
Tgt Ion:112 Resp: 207256
Ion Ratio Lower Upper
112 100
64 62.8 46.7 70.1
63 41.3 35.3 52.9



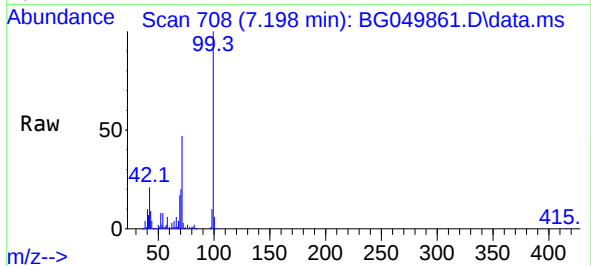
Instrument :
BNA_G
ClientSampleId :
TP1-1-6FT

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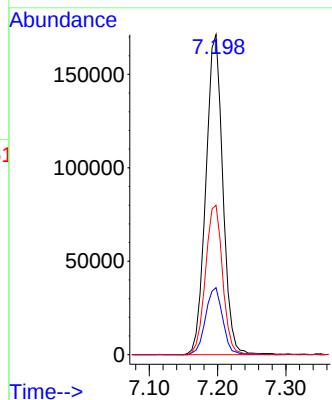
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#7
Phenol-d6
Concen: 103.648 ng
RT: 7.198 min Scan# 708
Delta R.T. 0.004 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32



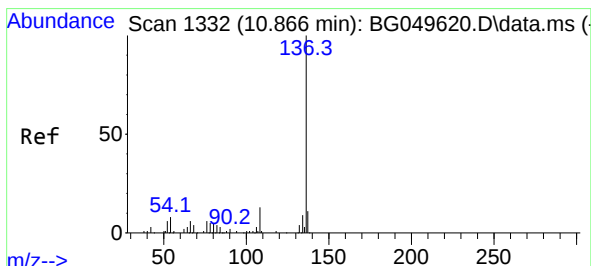
Tgt Ion: 99 Resp: 296707
Ion Ratio Lower Upper
99 100
42 21.0 20.5 30.7
71 46.7 41.5 62.3



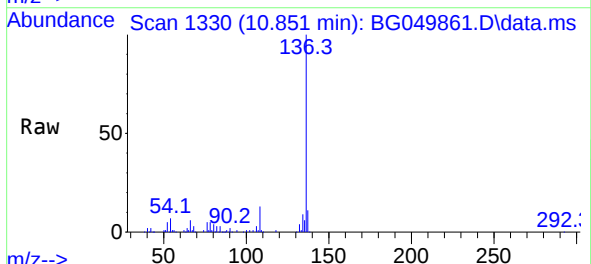
Instrument :
BNA_G
ClientSampleId :
TP1-1-6FT

Manual Integrations
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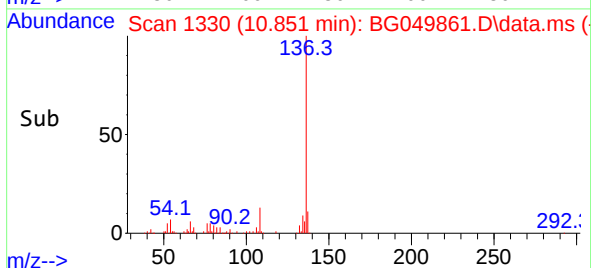
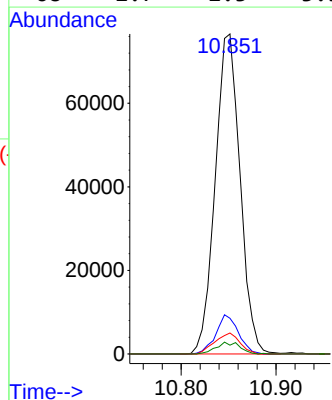
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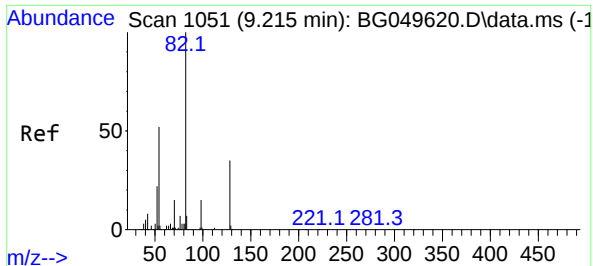


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1330
Delta R.T. 0.004 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32



Tgt Ion: 136 Resp: 139400
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 6.6 5.5 8.3
68 2.7 2.3 3.5





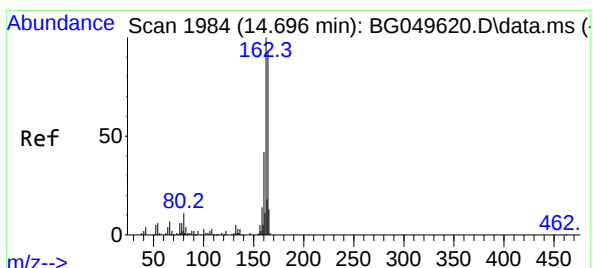
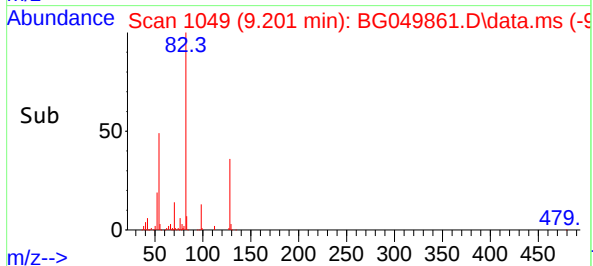
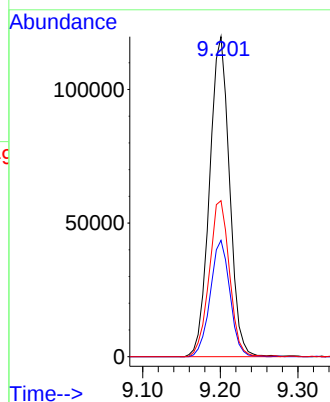
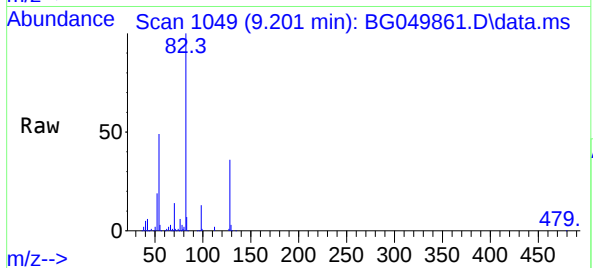
#23
Nitrobenzene-d5
Concen: 67.964 ng
RT: 9.201 min Scan# 1049
Delta R.T. 0.004 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

Tgt Ion: 82 Resp: 214100
Ion Ratio Lower Upper
82 100
128 36.4 29.8 44.6
54 48.7 45.8 68.8

Instrument :
BNA_G
ClientSampleId :
TP1-1-6FT

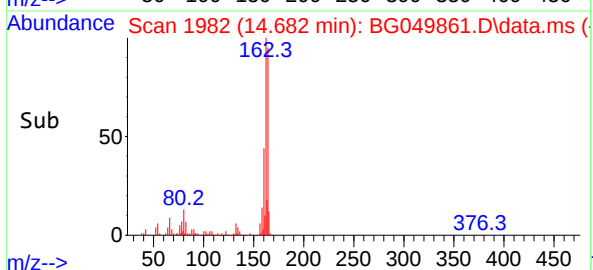
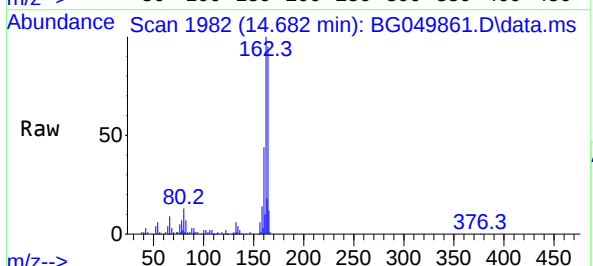
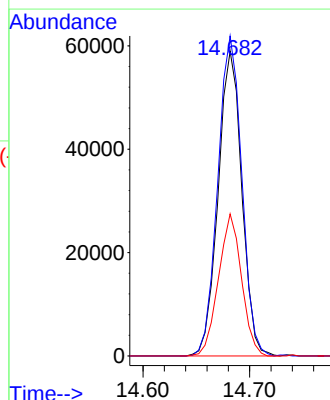
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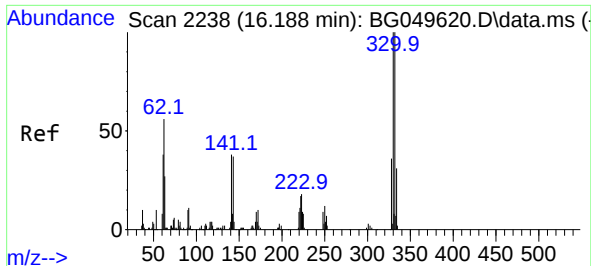
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.682 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

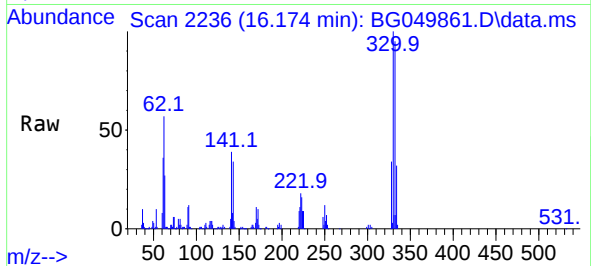
Tgt Ion:164 Resp: 90848
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.0
160 46.6 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 103.873 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

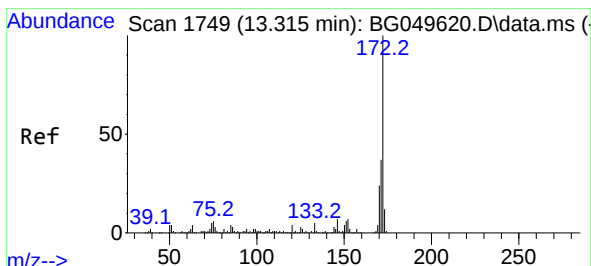
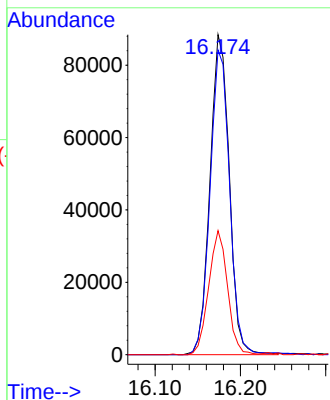
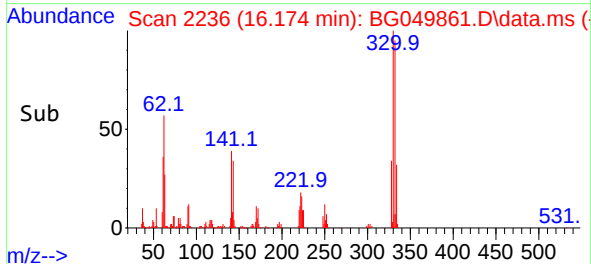
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ClientSampleId :
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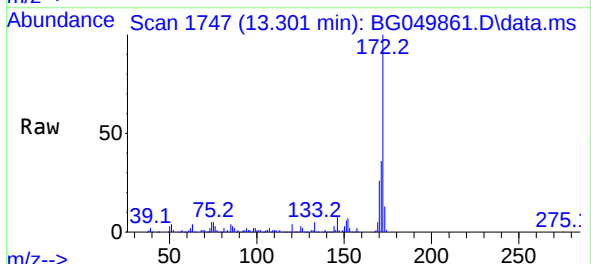
Tgt Ion:330 Resp: 138706
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 37.9 35.6 53.4

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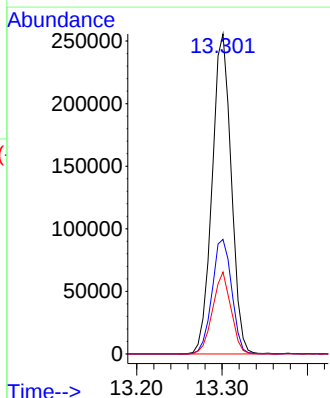
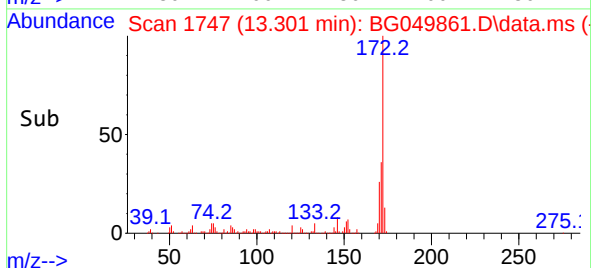
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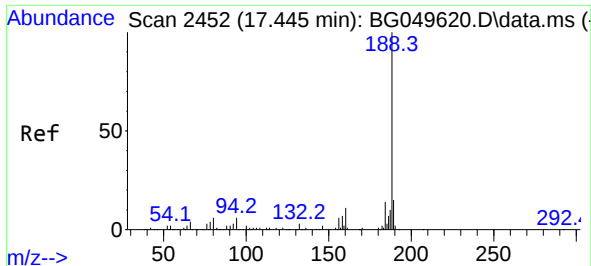


#45
2-Fluorobiphenyl
Concen: 63.896 ng
RT: 13.301 min Scan# 1747
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32



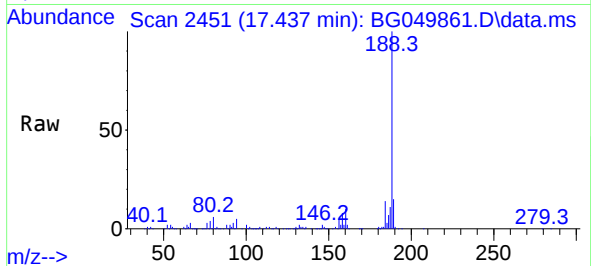
Tgt Ion:172 Resp: 398936
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 25.6 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.437 min Scan# 2451
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

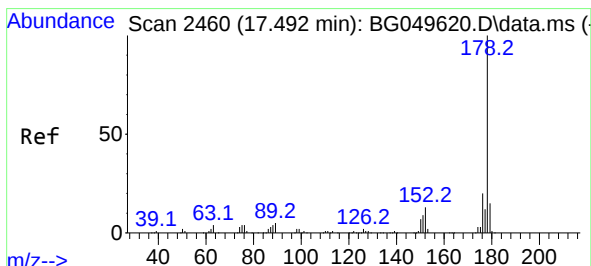
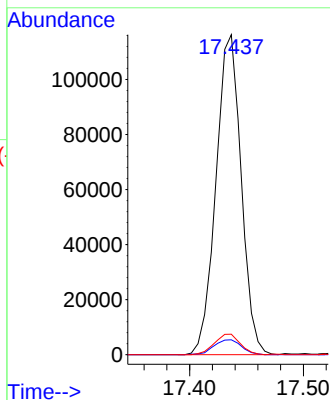
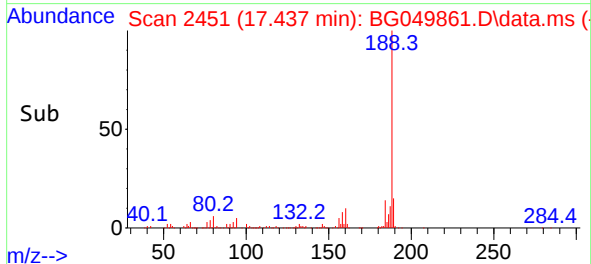
Instrument :
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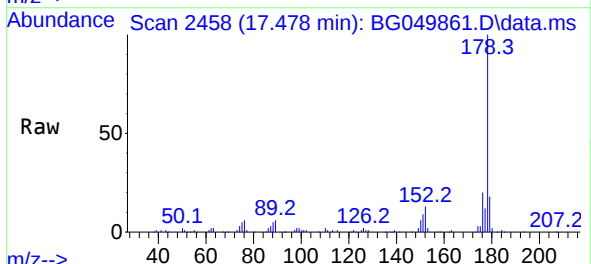
Tgt Ion:188 Resp: 179191
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 6.4 3.7 5.5#

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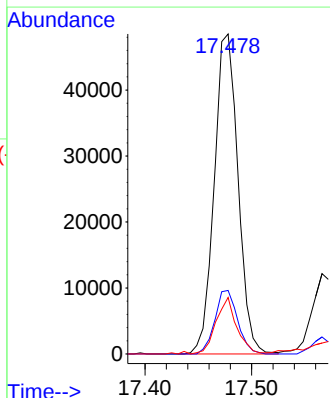
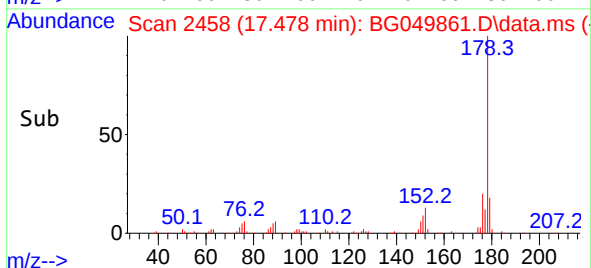
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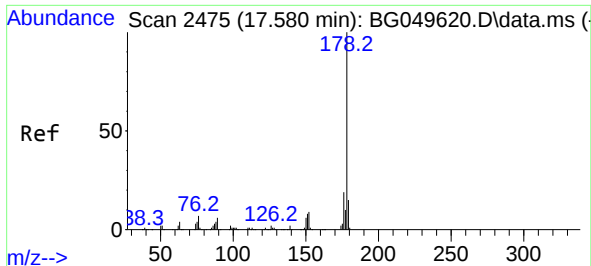


#71
Phenanthrene
Concen: 7.950 ng
RT: 17.478 min Scan# 2458
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

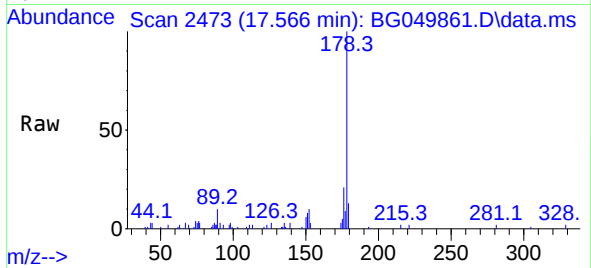


Tgt Ion:178 Resp: 74947
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 17.7 14.2 21.4

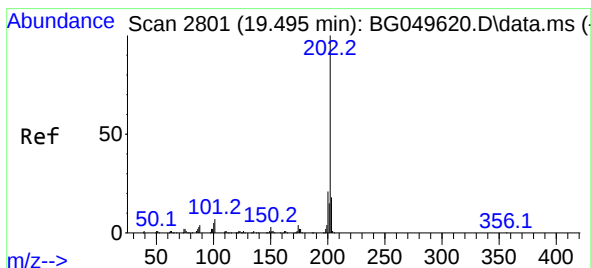
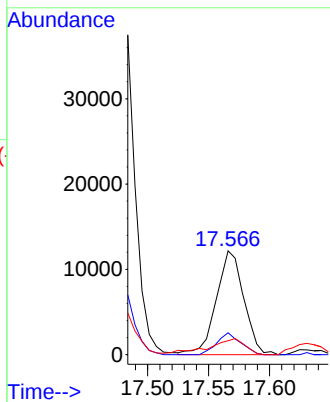
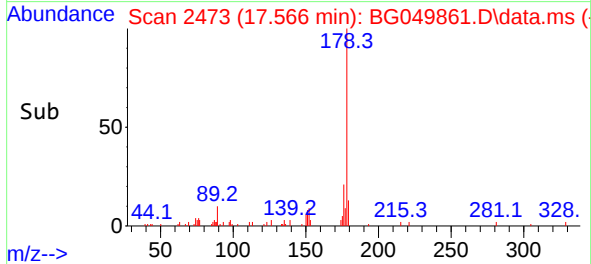




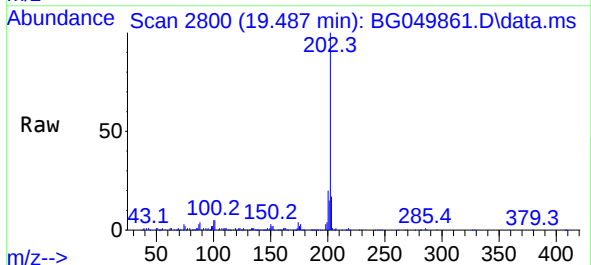
#72
 Anthracene
 Concen: 2.062 ng
 RT: 17.566 min Scan# 2473
 Delta R.T. -0.002 min
 Lab File: BG049861.D
 Acq: 16 Aug 2021 22:32



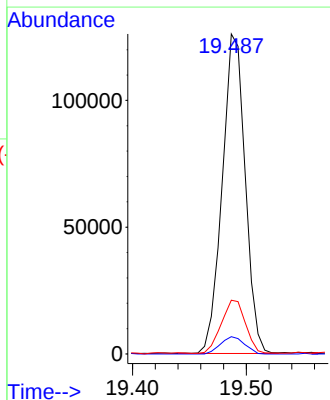
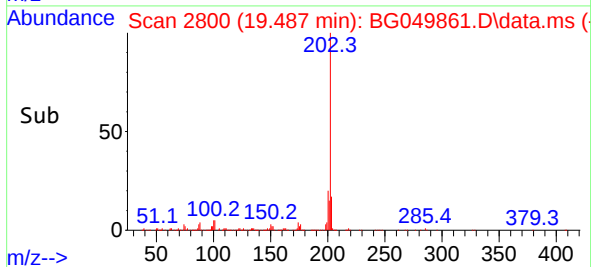
Tgt Ion:178 Resp: 19095
 Ion Ratio Lower Upper
 178 100
 176 21.1 14.6 21.8
 179 13.5 13.4 20.0



#75
 Fluoranthene
 Concen: 15.231 ng
 RT: 19.487 min Scan# 2800
 Delta R.T. -0.002 min
 Lab File: BG049861.D
 Acq: 16 Aug 2021 22:32



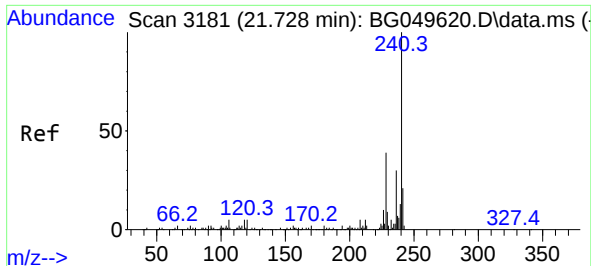
Tgt Ion:202 Resp: 176699
 Ion Ratio Lower Upper
 202 100
 101 5.4 0.0 24.7
 203 16.8 0.0 38.5



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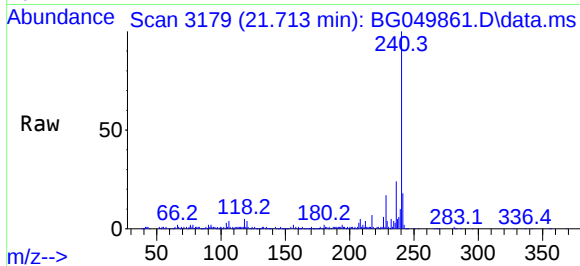
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3179
Delta R.T. -0.008 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

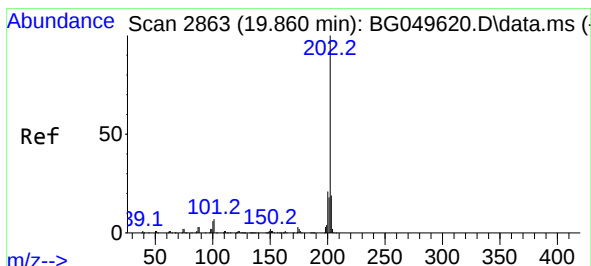
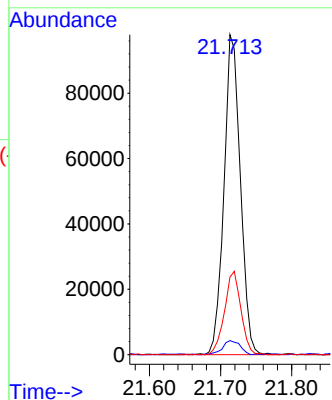
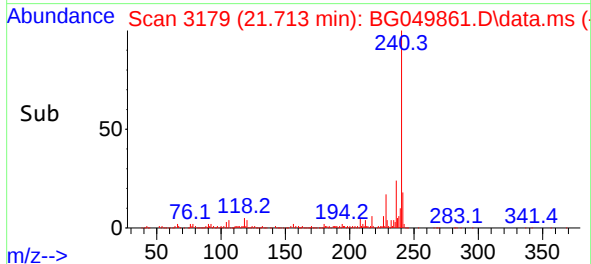
Instrument :
BNA_G
ClientSampleId :
TP1-1-6FT



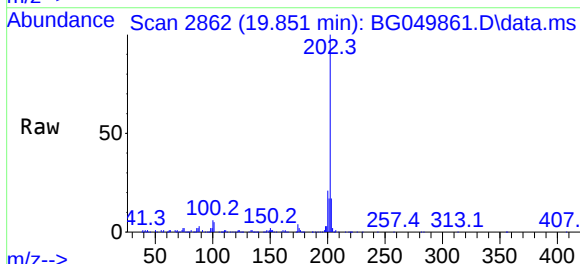
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Ion Ratio Lower Upper
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120 4.4 4.2 6.2
236 24.3 21.8 32.6

Manual Integrations
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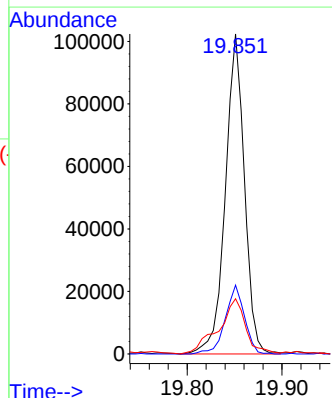
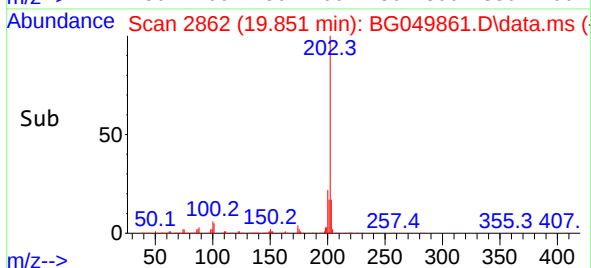
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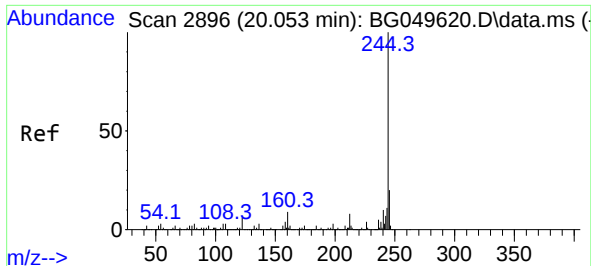


#78
Pyrene
Concen: 13.461 ng
RT: 19.851 min Scan# 2862
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32



Tgt Ion:202 Resp: 143311
Ion Ratio Lower Upper
202 100
200 21.5 15.8 23.8
203 17.2 14.6 21.8





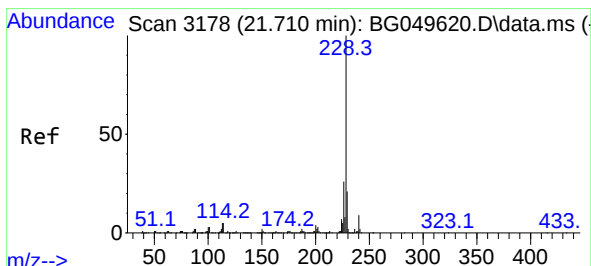
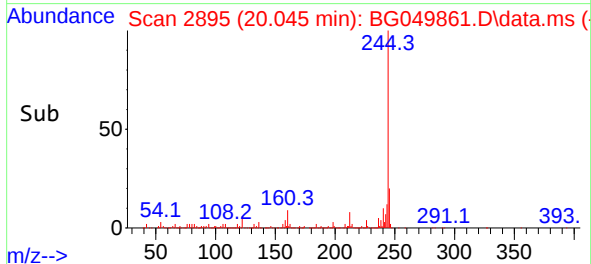
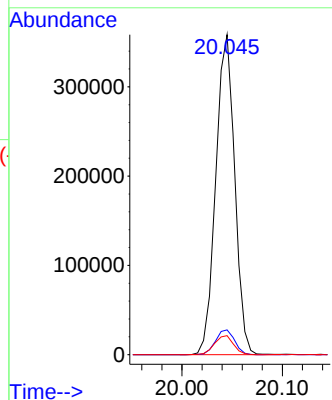
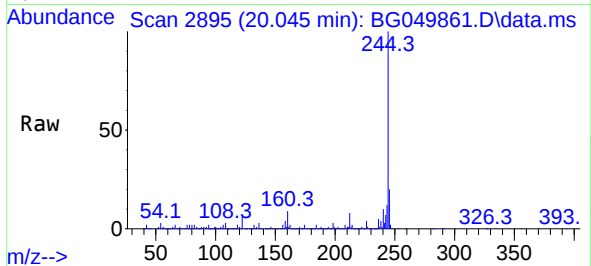
#79
Terphenyl-d14
Concen: 54.498 ng
RT: 20.045 min Scan# 2895
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

Tgt Ion:244 Resp: 468578
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 6.0 5.0 7.6

Instrument :
BNA_G
ClientSampleId :
TP1-1-6FT

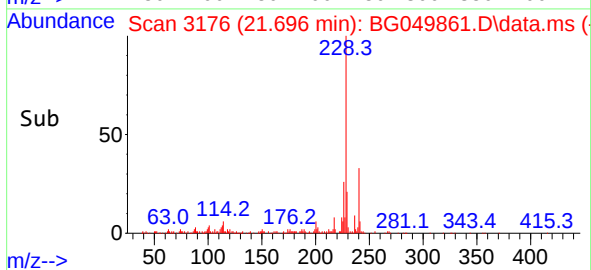
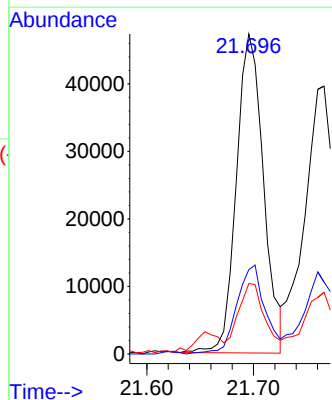
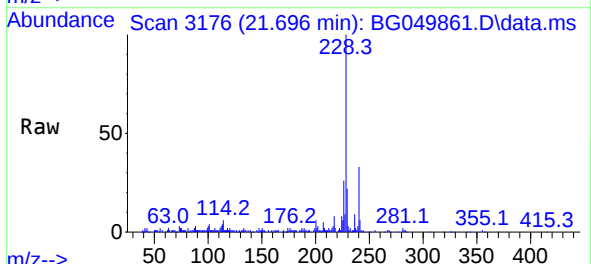
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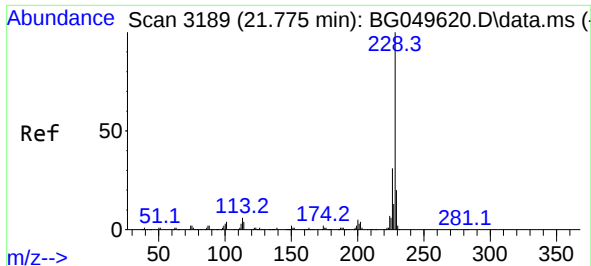
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#81
Benzo(a)anthracene
Concen: 8.233 ng
RT: 21.696 min Scan# 3176
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

Tgt Ion:228 Resp: 83727
Ion Ratio Lower Upper
228 100
226 26.4 22.7 34.1
229 22.0 16.0 24.0





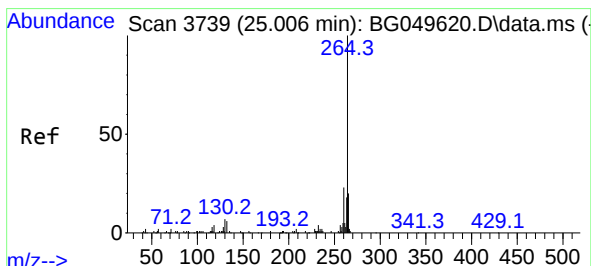
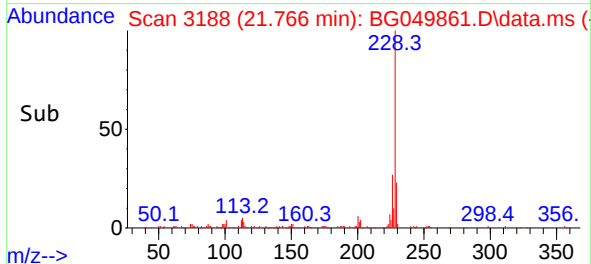
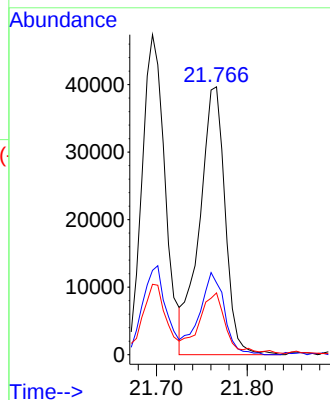
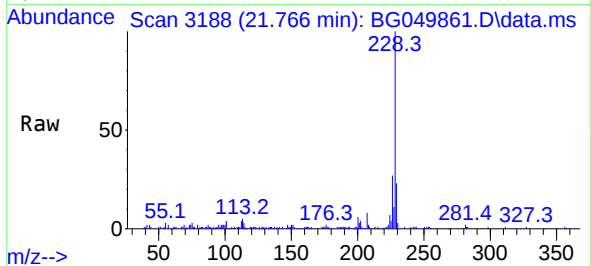
#83
Chrysene
Concen: 8.020 ng m
RT: 21.766 min Scan# 3188
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

Tgt Ion: 228 Resp: 77965
Ion Ratio Lower Upper
228 100
226 26.8 23.1 34.7
229 23.0 15.3 22.9#

Instrument :
BNA_G
ClientSampleId :
TP1-1-6FT

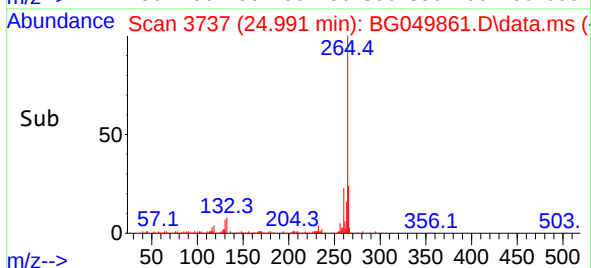
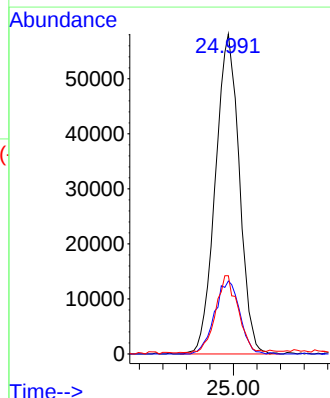
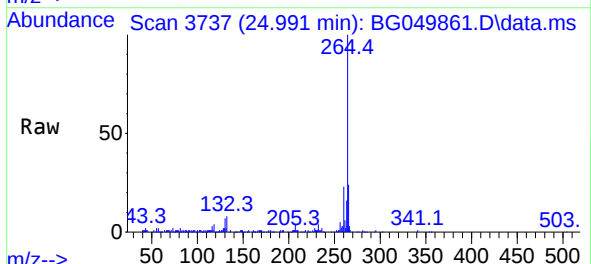
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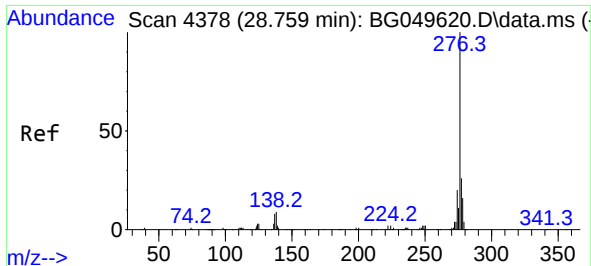
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.991 min Scan# 3737
Delta R.T. 0.004 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

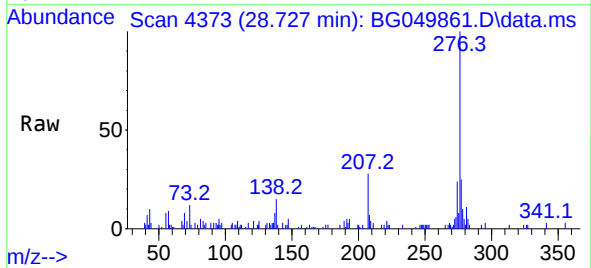
Tgt Ion: 264 Resp: 163684
Ion Ratio Lower Upper
264 100
260 22.8 19.4 29.2
265 24.4 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.866 ng
RT: 28.727 min Scan# 4373
Delta R.T. -0.008 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

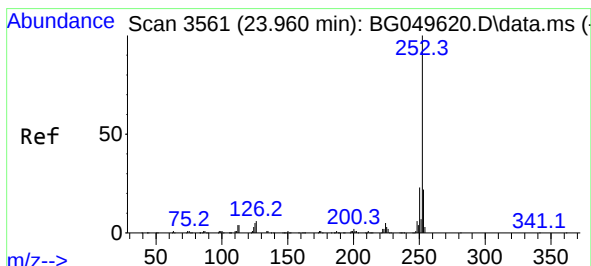
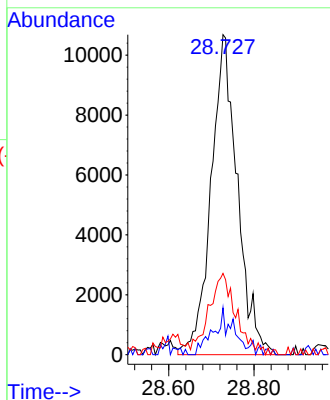
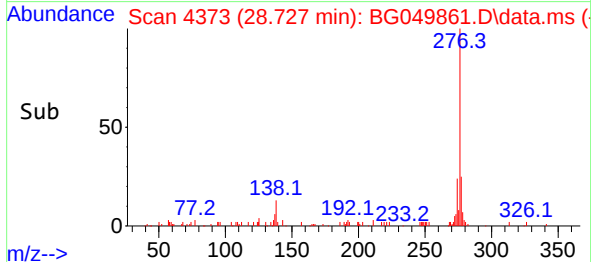
Instrument :
BNA_G
ClientSampleId :
TP1-1-6FT



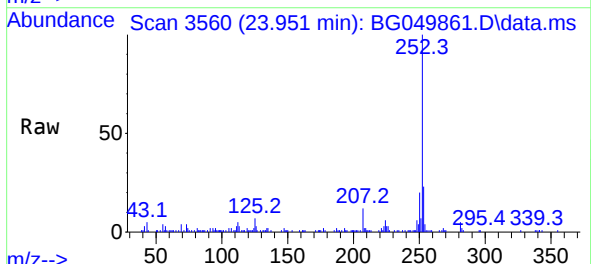
Tgt Ion:276 Resp: 45634
Ion Ratio Lower Upper
276 100
138 1.1 5.1 7.7#
277 22.8 19.8 29.6

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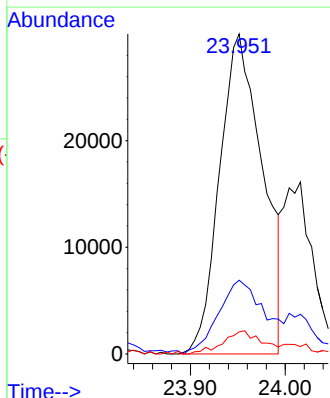
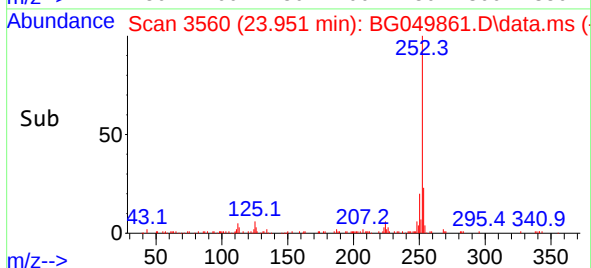
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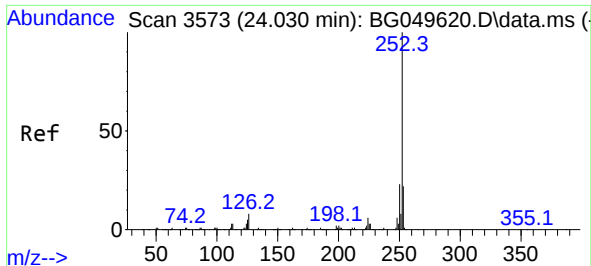


#88
Benzo(b)fluoranthene
Concen: 8.802 ng
RT: 23.951 min Scan# 3560
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32



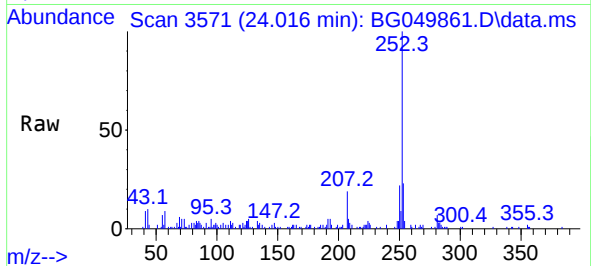
Tgt Ion:252 Resp: 94489
Ion Ratio Lower Upper
252 100
253 23.1 16.2 24.4
125 6.9 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 3.452 ng m
RT: 24.016 min Scan# 3571
Delta R.T. -0.002 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

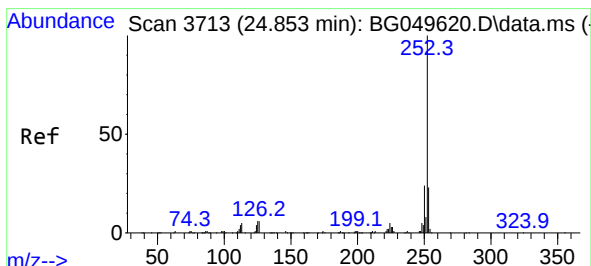
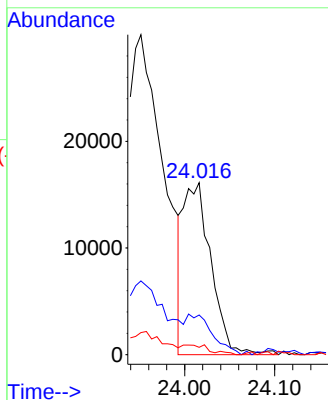
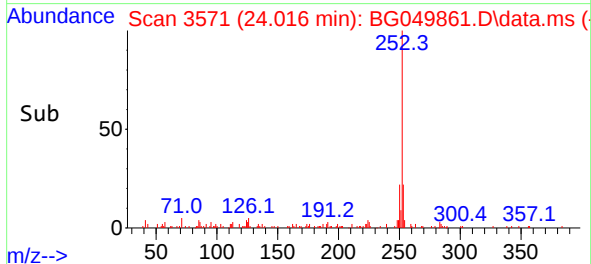
Instrument :
BNA_G
ClientSampleId :
TP1-1-6FT



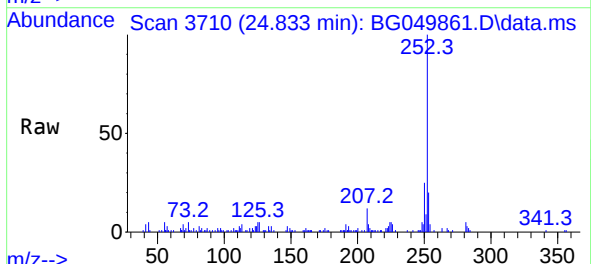
Tgt Ion:252 Resp: 34570
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 4.3 3.1 4.7

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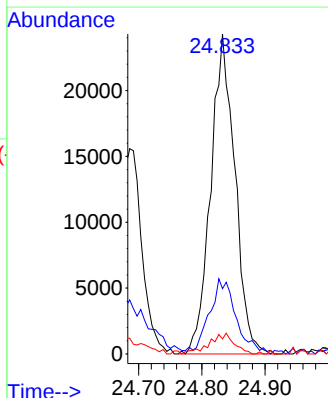
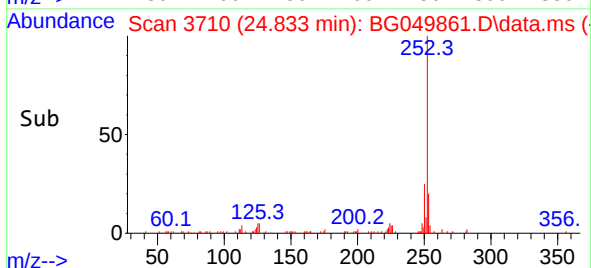
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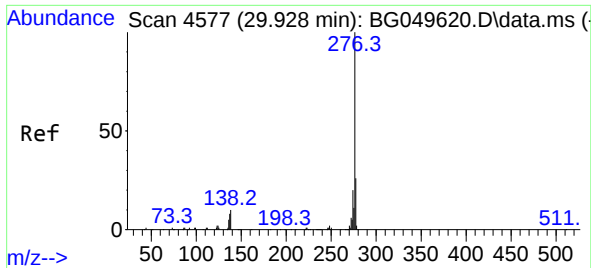


#90
Benzo(a)pyrene
Concen: 6.643 ng
RT: 24.833 min Scan# 3710
Delta R.T. -0.008 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32



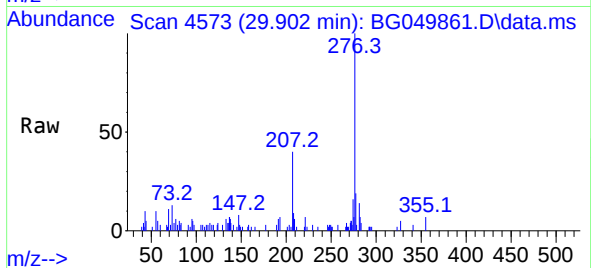
Tgt Ion:252 Resp: 64539
Ion Ratio Lower Upper
252 100
253 20.4 16.6 25.0
125 4.7 3.5 5.3





#92
Benzo(g,h,i)perylene
Concen: 3.963 ng
RT: 29.902 min Scan# 4573
Delta R.T. -0.014 min
Lab File: BG049861.D
Acq: 16 Aug 2021 22:32

Instrument :
BNA_G
ClientSampleId :
TP1-1-6FT



Tgt Ion	Ratio	Lower	Upper
276	100		
277	18.6	18.4	27.6
138	9.8	7.0	10.6

Manual Integrations
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