

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050676.D
 Acq On : 21 Oct 2021 21:08
 Operator : CG/JU
 Sample : M4300-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TH-CCD

Manual Integrations
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Quant Time: Oct 22 04:03:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.250	152	34098	20.00	ng	0.00
21) Naphthalene-d8	11.076	136	143364	20.00	ng	# 0.00
39) Acenaphthene-d10	14.871	164	97394	20.00	ng	0.00
64) Phenanthrene-d10	17.609	188	224026	20.00	ng	# 0.00
76) Chrysene-d12	21.910	240	203731	20.00	ng	#-0.01
86) Perylene-d12	25.324	264	197435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	246726	108.21	ng	0.00
7) Phenol-d6	7.392	99	332932	100.86	ng	0.00
23) Nitrobenzene-d5	9.419	82	237112	68.47	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	99362	106.96	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	414140	64.00	ng	-0.01
79) Terphenyl-d14	20.200	244	627638	60.04	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.656	178	42189	3.57	ng	96
75) Fluoranthene	19.654	202	113181	7.80	ng	96
78) Pyrene	20.012	202	98688	6.83	ng	98
81) Benzo(a)anthracene	21.892	228	56453	4.19	ng	97
83) Chrysene	21.957	228	55915	4.41	ng	93
87) Indeno(1,2,3-cd)pyrene	29.225	276	40198	2.92	ng	# 88
88) Benzo(b)fluoranthene	24.231	252	74235	6.14	ng	# 91
89) Benzo(k)fluoranthene	24.301	252	28396m	2.39	ng	
90) Benzo(a)pyrene	25.159	252	51890	5.05	ng	# 89
92) Benzo(g,h,i)perylene	30.453	276	35344	3.17	ng	# 86

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

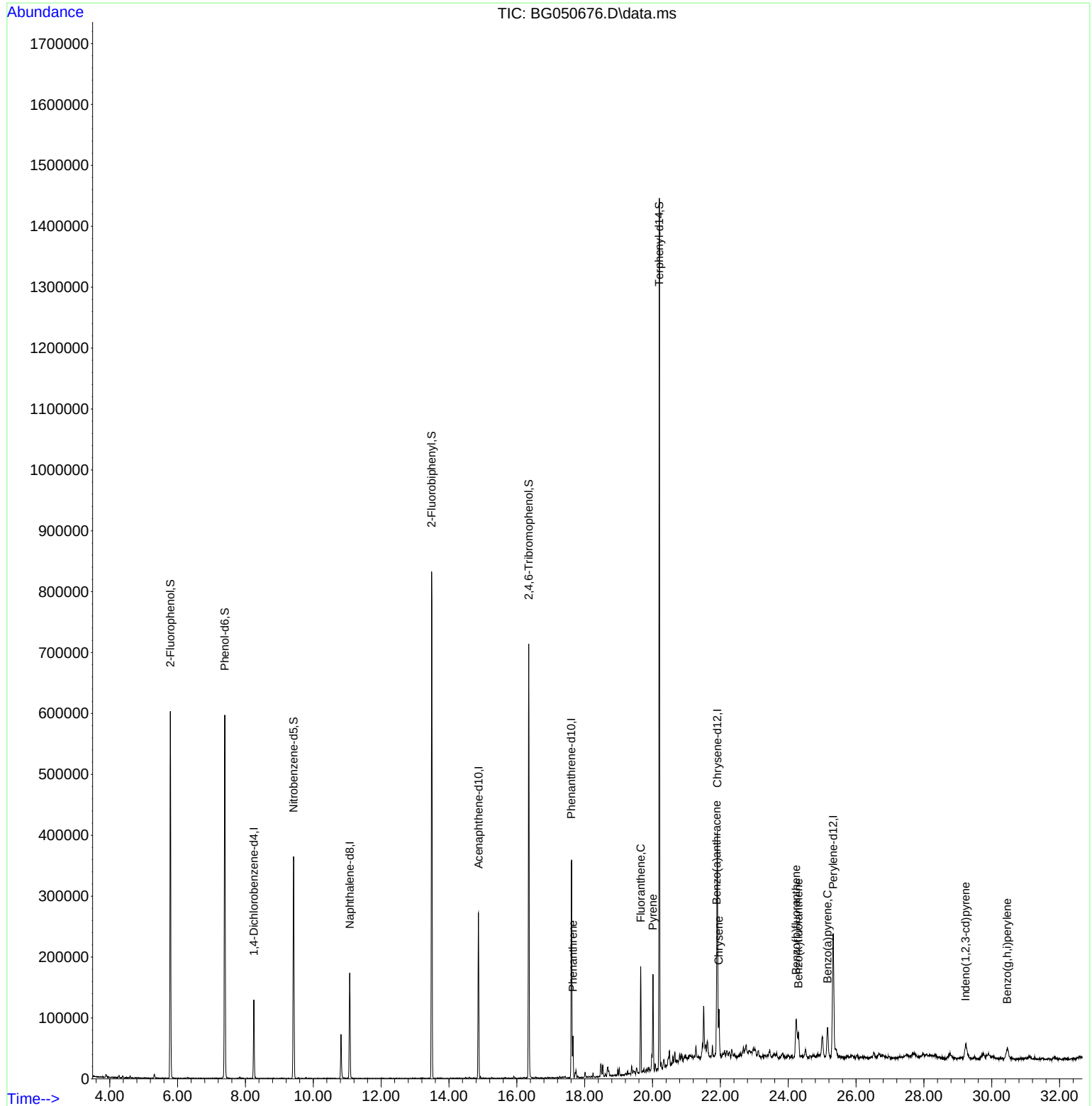
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
Data File : BG050676.D
Acq On : 21 Oct 2021 21:08
Operator : CG/JU
Sample : M4300-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

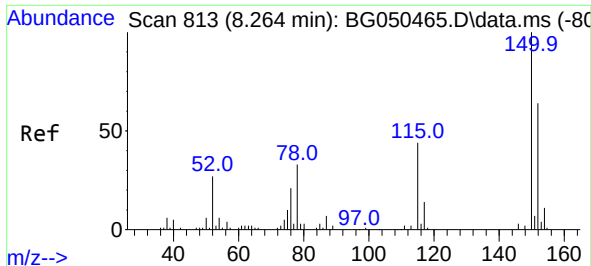
Instrument :
BNA_G
ClientSampleId :
TH-CCD

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Quant Time: Oct 22 04:03:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





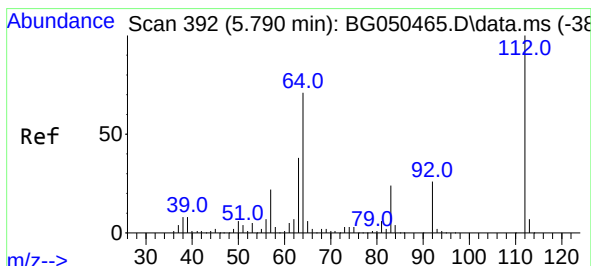
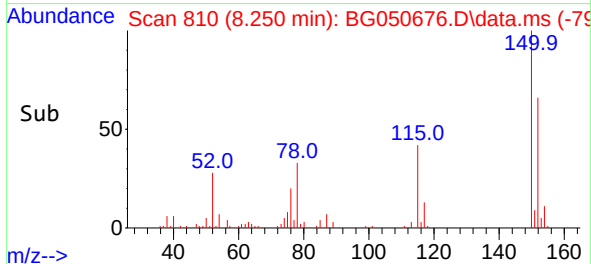
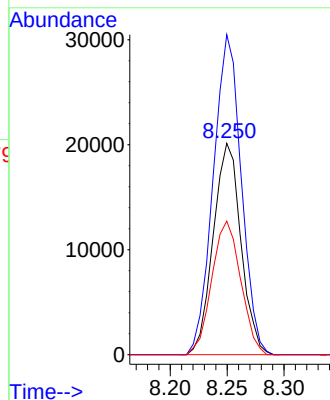
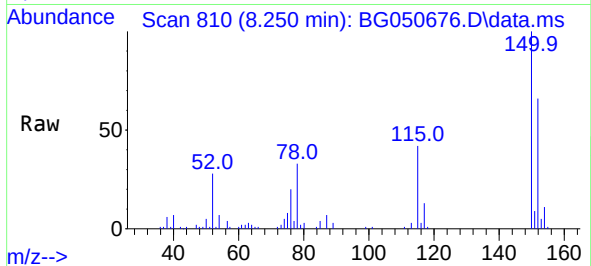
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.250 min Scan# 810
Delta R.T. -0.008 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion:152 Resp: 34098
Ion Ratio Lower Upper
152 100
150 151.4 119.4 179.0
115 63.2 60.2 90.4

Instrument :
BNA_G
ClientSampled :
TH-CCD

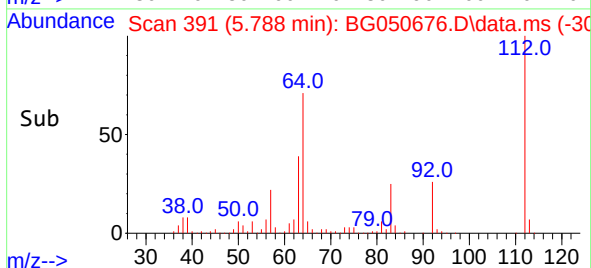
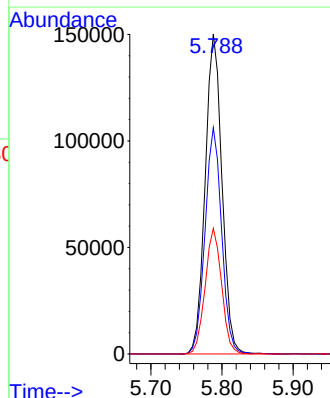
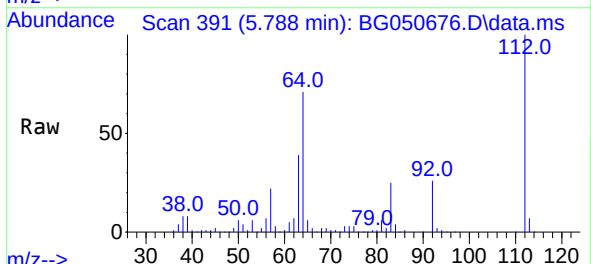
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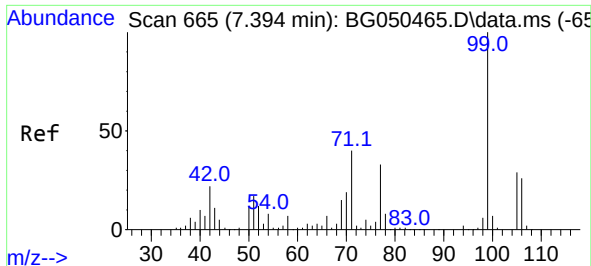
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#5
2-Fluorophenol
Concen: 108.21 ng
RT: 5.788 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion:112 Resp: 246726
Ion Ratio Lower Upper
112 100
64 70.7 46.7 70.1#
63 39.3 35.3 52.9





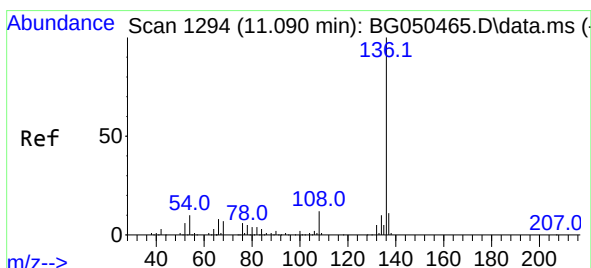
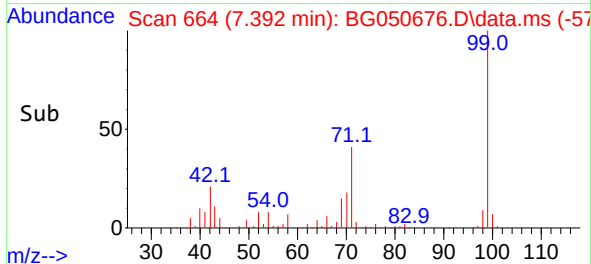
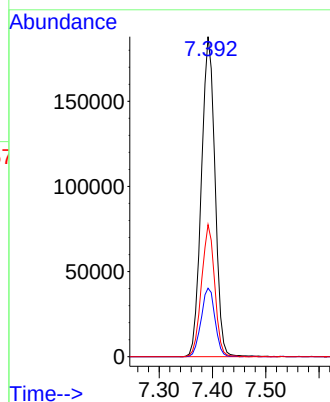
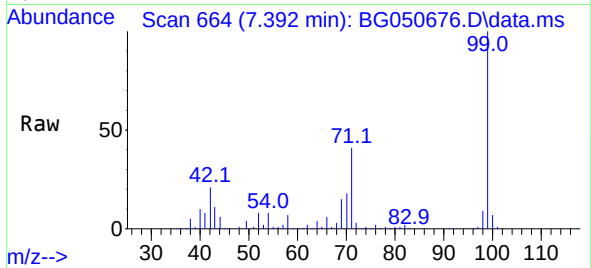
#7
Phenol-d6
Concen: 100.86 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion: 99 Resp: 332932
Ion Ratio Lower Upper
99 100
42 21.4 20.5 30.7
71 41.2 41.5 62.3#

Instrument :
BNA_G
ClientSampled :
TH-CCD

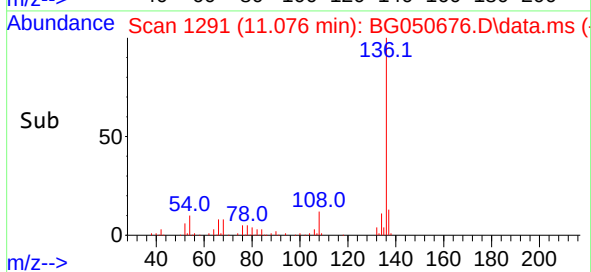
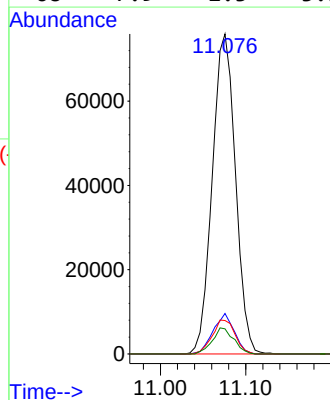
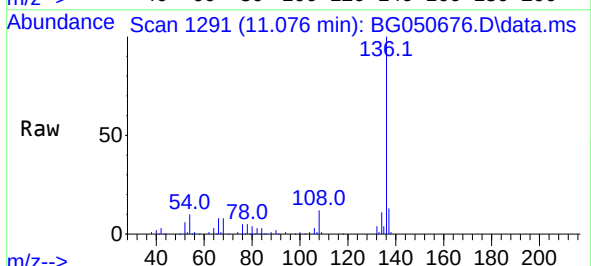
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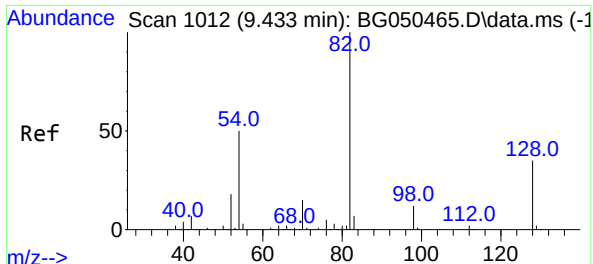
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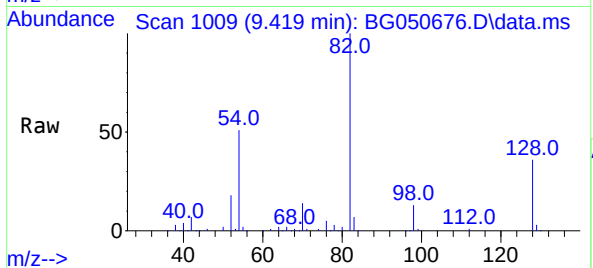
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.076 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion: 136 Resp: 143364
Ion Ratio Lower Upper
136 100
137 12.7 8.2 12.2#
54 10.5 5.5 8.3#
68 7.9 2.3 3.5#

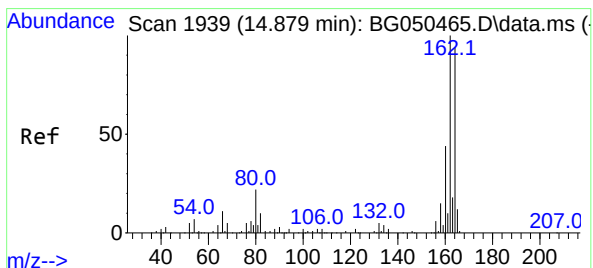
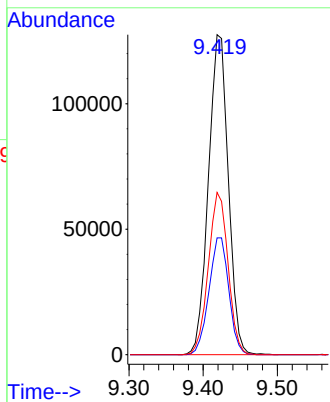
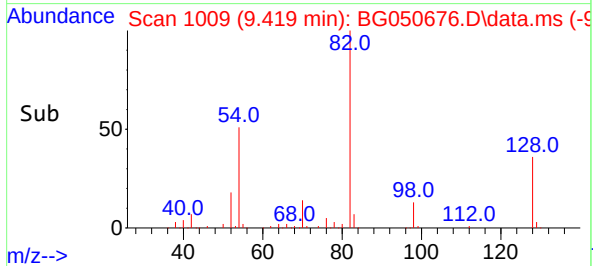




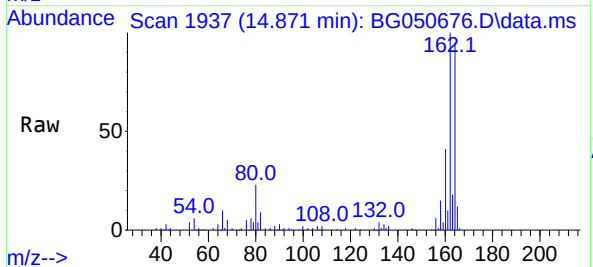
#23
Nitrobenzene-d5
Concen: 68.47 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08



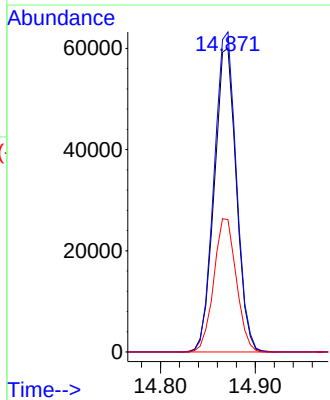
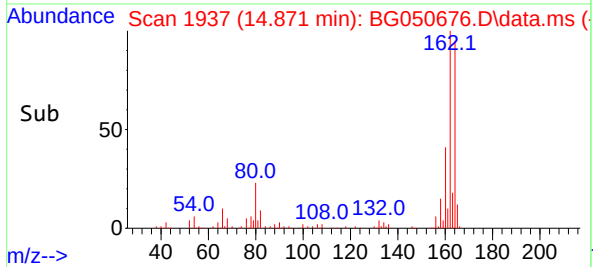
Tgt Ion: 82 Resp: 237112
Ion Ratio Lower Upper
82 100
128 36.5 29.8 44.6
54 50.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08



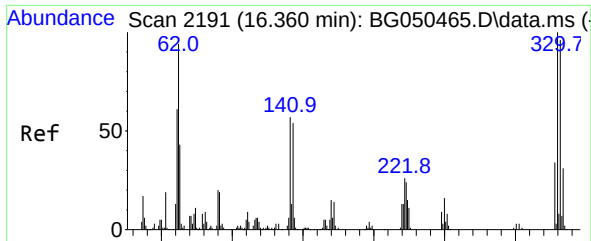
Tgt Ion: 164 Resp: 97394
Ion Ratio Lower Upper
164 100
162 105.3 81.4 122.0
160 43.5 34.9 52.3



Instrument :
BNA_G
ClientSampleId :
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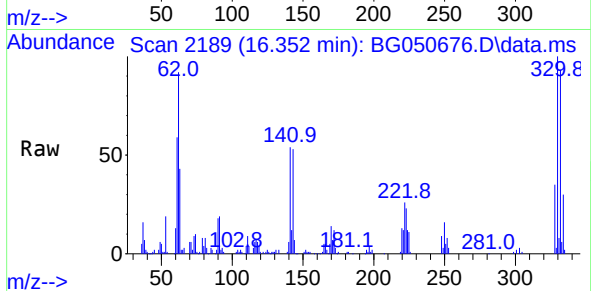
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#42
2,4,6-Tribromophenol
Concen: 106.96 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.009 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

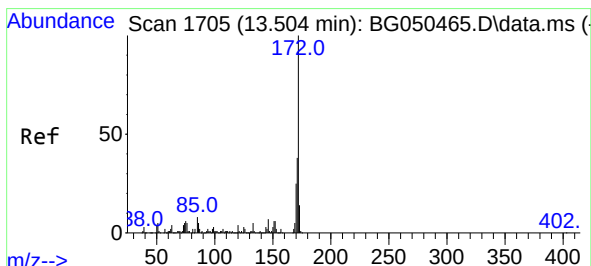
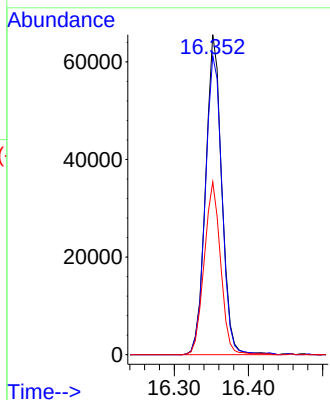
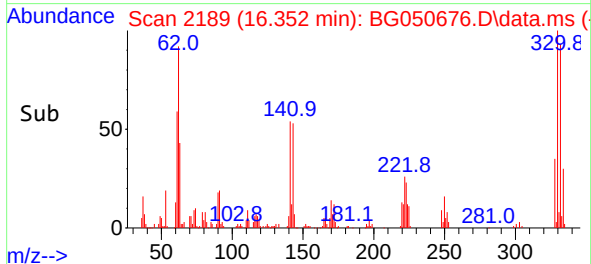
Instrument :
BNA_G
ClientSampled :
TH-CCD



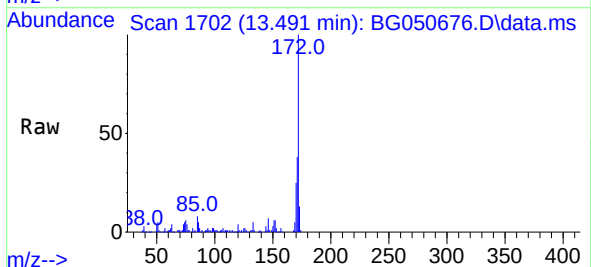
Tgt Ion:330 Resp: 99362
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 54.7 35.6 53.4#

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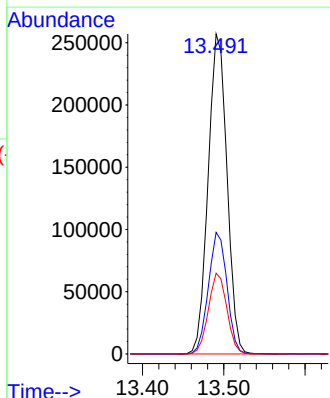
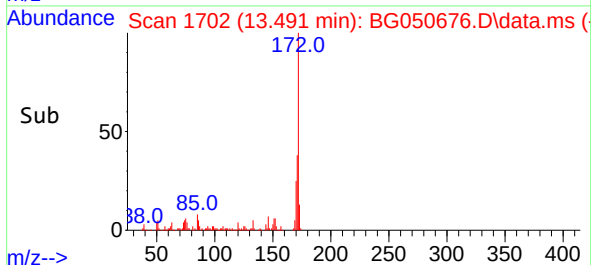
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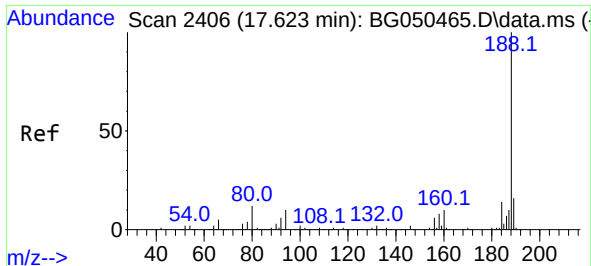


#45
2-Fluorobiphenyl
Concen: 64.00 ng
RT: 13.491 min Scan# 1702
Delta R.T. -0.015 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08



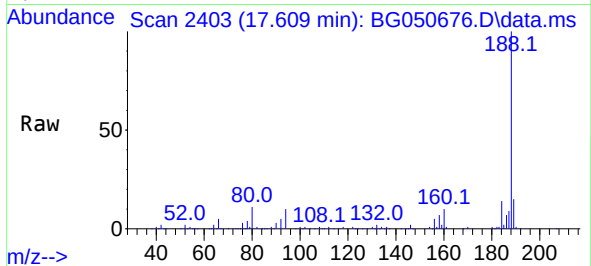
Tgt Ion:172 Resp: 414140
Ion Ratio Lower Upper
172 100
171 38.0 28.6 43.0
170 25.2 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.609 min Scan# 2403
Delta R.T. -0.009 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

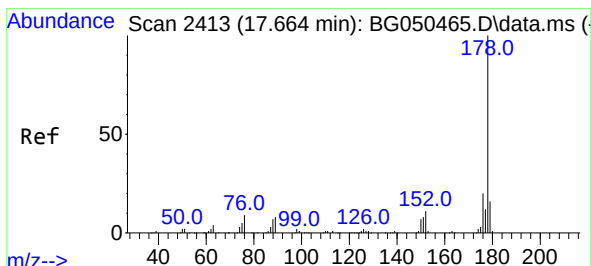
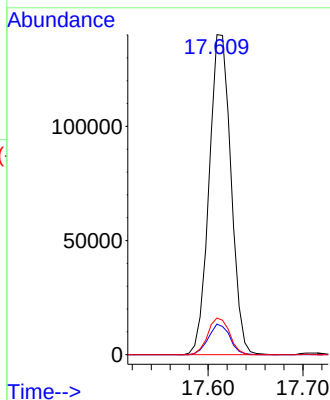
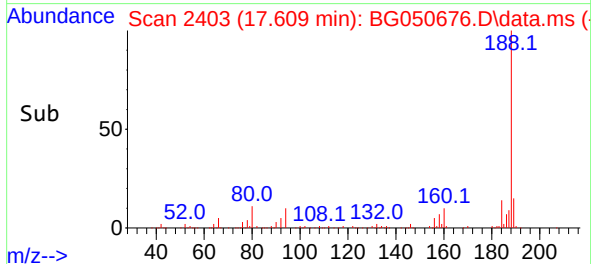
Instrument :
BNA_G
ClientSampled :
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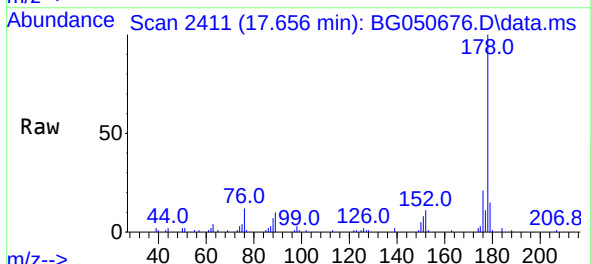
Tgt Ion:188 Resp: 224026
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.5 3.7 5.5#

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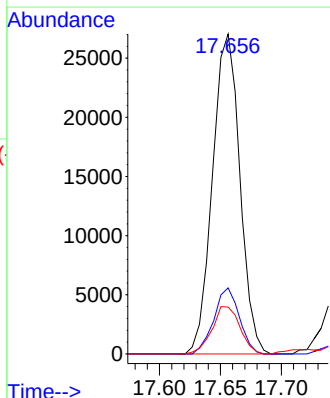
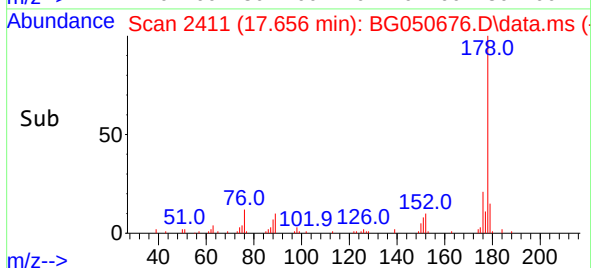
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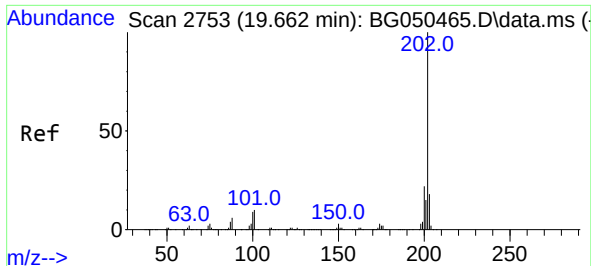


#71
Phenanthrene
Concen: 3.57 ng
RT: 17.656 min Scan# 2411
Delta R.T. -0.009 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08



Tgt Ion:178 Resp: 42189
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 14.7 14.2 21.4





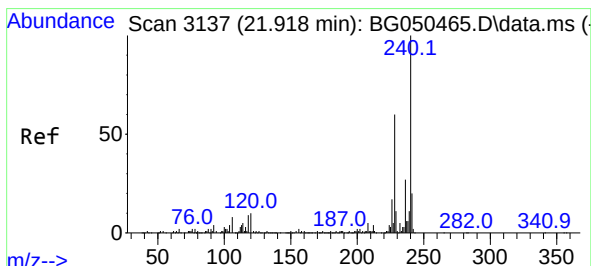
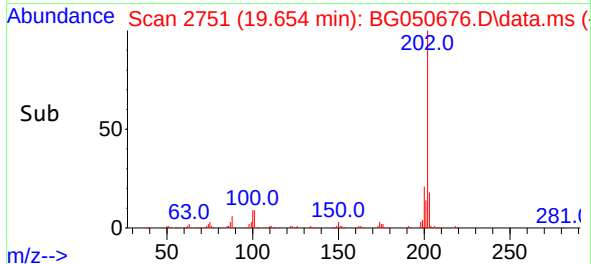
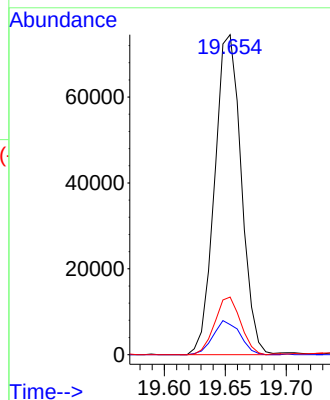
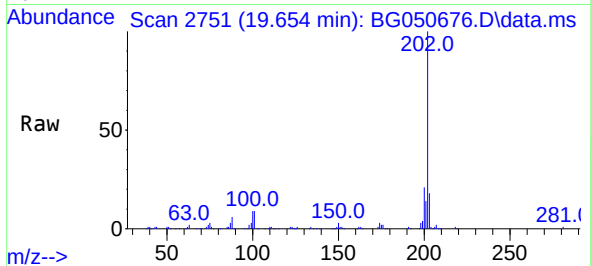
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Fluoranthene
Concen: 7.80 ng
RT: 19.654 min Scan# 2751
Delta R.T. -0.009 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion:	202	Resp:	113181
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	24.7
203	18.0	0.0	38.5

Instrument :
BNA_G
ClientSampled :
TH-CCD

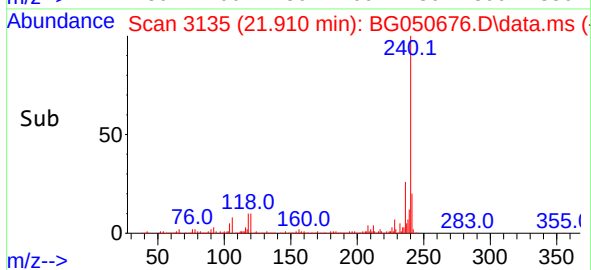
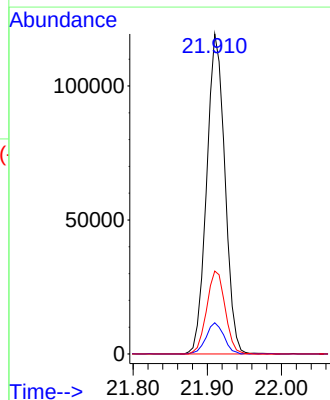
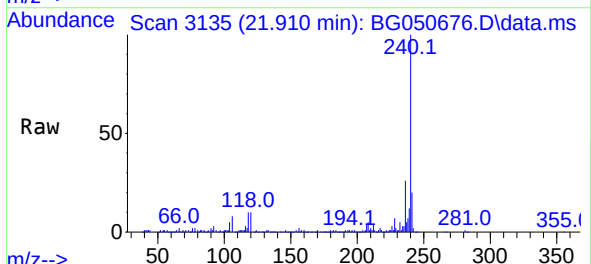
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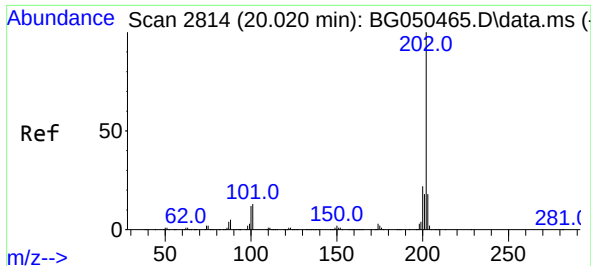
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.910 min Scan# 3135
Delta R.T. -0.015 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion:	240	Resp:	203731
Ion Ratio	Lower	Upper	
240	100		
120	9.8	4.2	6.2#
236	25.9	21.8	32.6





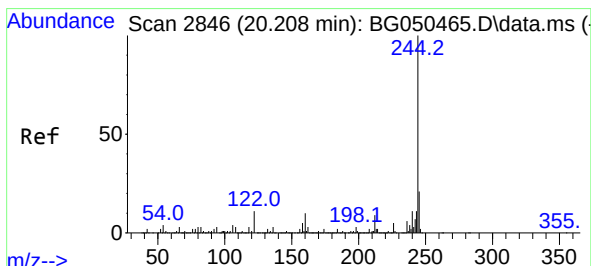
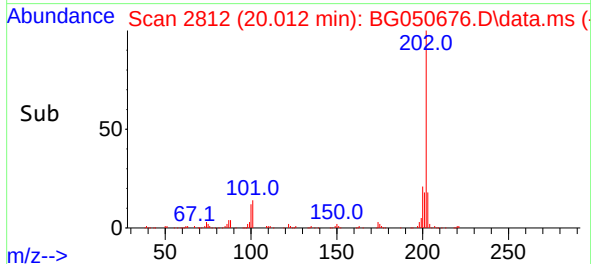
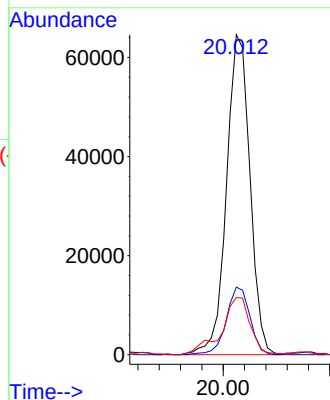
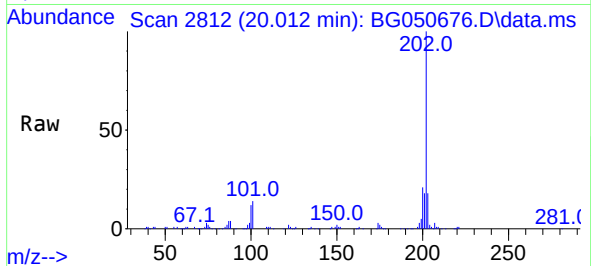
#78
Pyrene
Concen: 6.83 ng
RT: 20.012 min Scan# 2812
Delta R.T. -0.009 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion:	202	Resp:	98688
Ion Ratio	Lower	Upper	
202	100		
200	21.1	15.8	23.8
203	17.9	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
TH-CCD

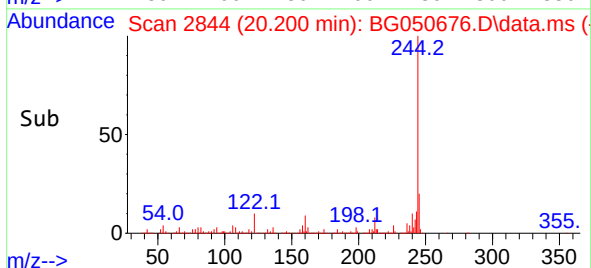
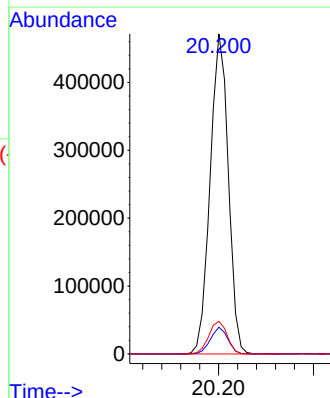
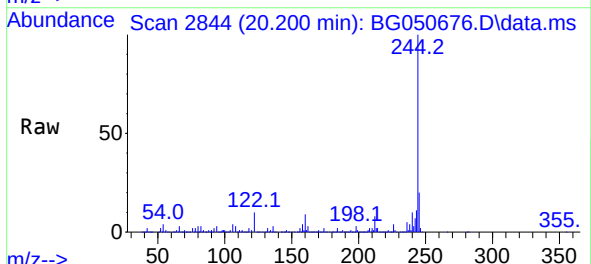
Manual Integrations
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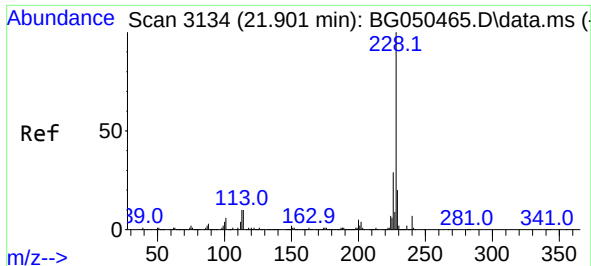
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#79
Terphenyl-d14
Concen: 60.04 ng
RT: 20.200 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion:	244	Resp:	627638
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.9	10.3
122	10.2	5.0	7.6#





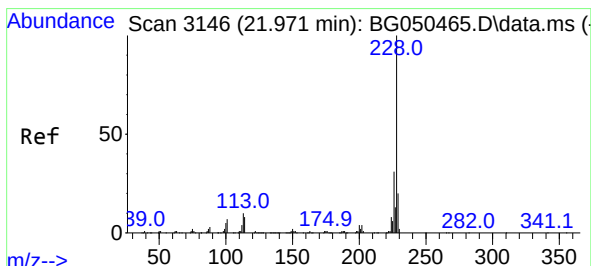
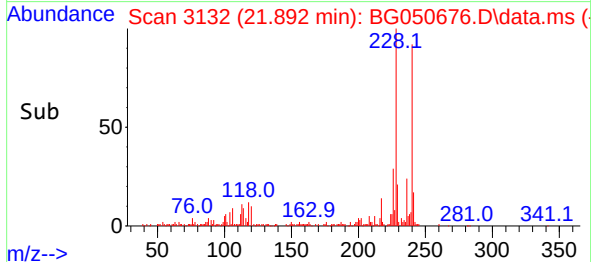
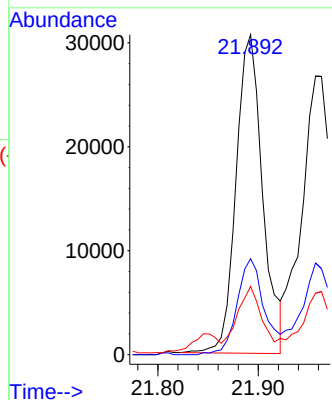
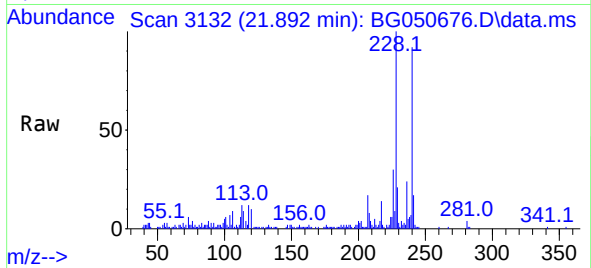
#81
Benzo(a)anthracene
Concen: 4.19 ng
RT: 21.892 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion:228 Resp: 56453
Ion Ratio Lower Upper
228 100
226 30.0 22.7 34.1
229 21.4 16.0 24.0

Instrument :
BNA_G
ClientSampleId :
TH-CCD

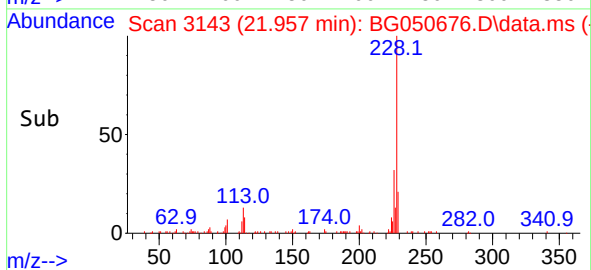
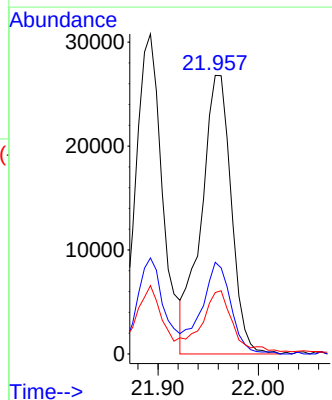
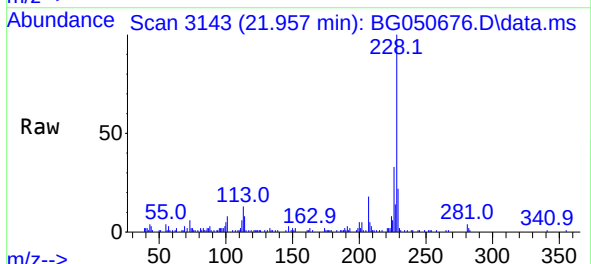
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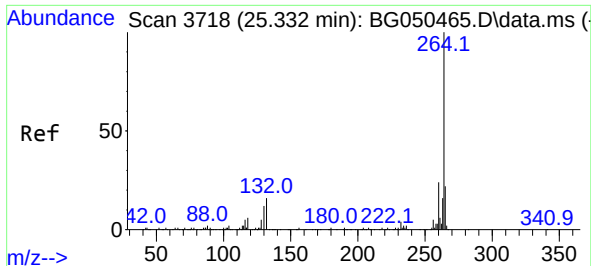
mohammad
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#83
Chrysene
Concen: 4.41 ng
RT: 21.957 min Scan# 3143
Delta R.T. -0.015 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

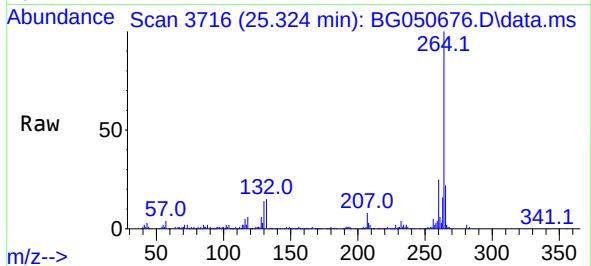
Tgt Ion:228 Resp: 55915
Ion Ratio Lower Upper
228 100
226 32.9 23.1 34.7
229 22.0 15.3 22.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.324 min Scan# 3716
Delta R.T. -0.009 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

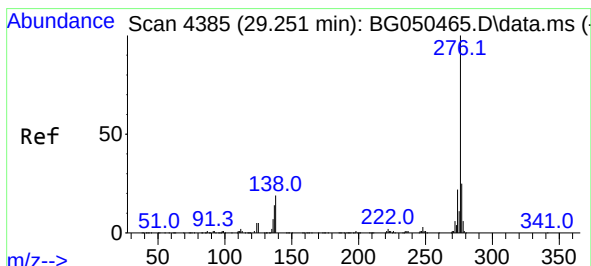
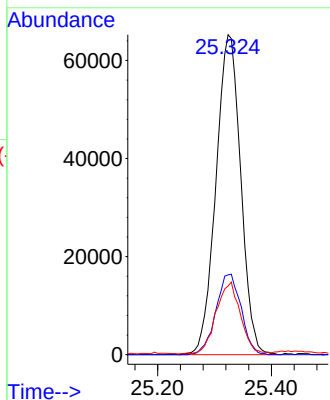
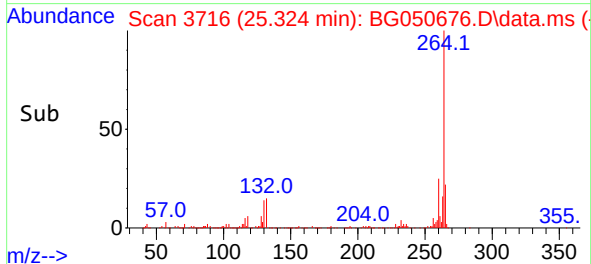
Instrument :
BNA_G
ClientSampled :
TH-CCD



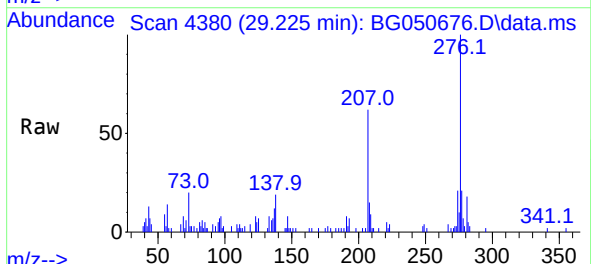
Tgt Ion:264 Resp: 197435
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 21.5 16.9 25.3

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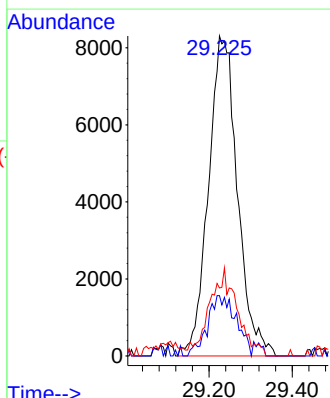
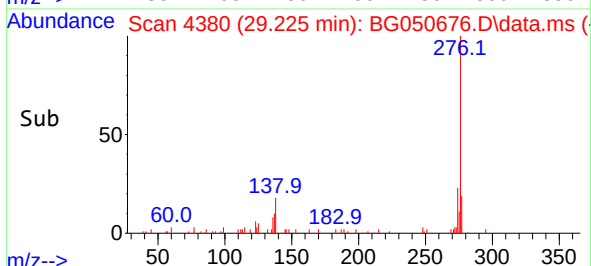
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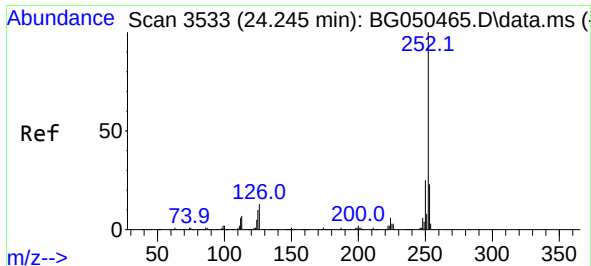


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.92 ng
RT: 29.225 min Scan# 4380
Delta R.T. -0.038 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08



Tgt Ion:276 Resp: 40198
Ion Ratio Lower Upper
276 100
138 18.6 5.1 7.7#
277 21.8 19.8 29.6





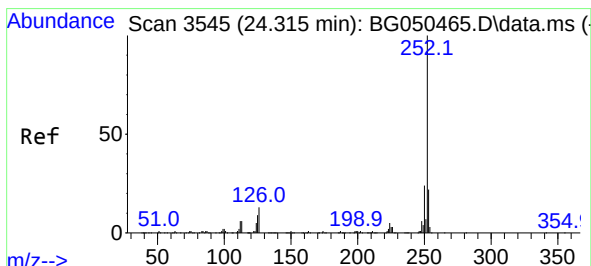
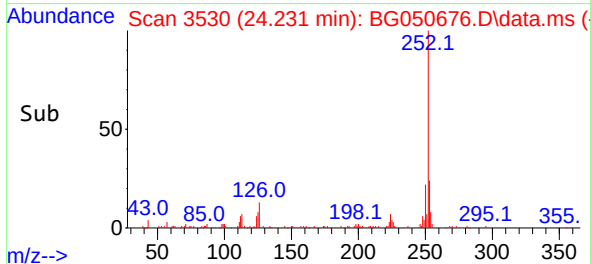
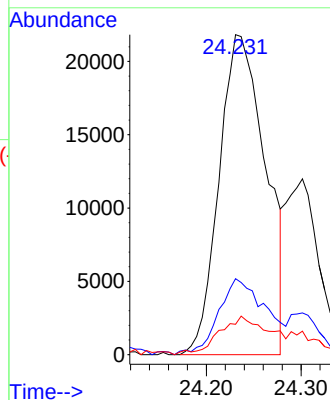
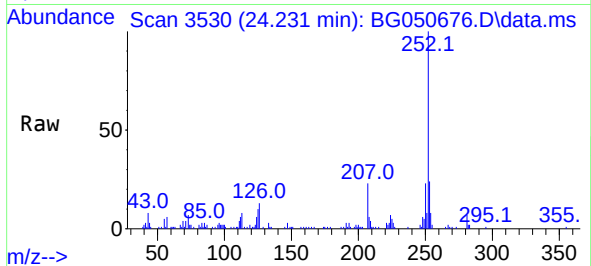
#88
Benzo(b)fluoranthene
Concen: 6.14 ng
RT: 24.231 min Scan# 3530
Delta R.T. -0.015 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion:252 Resp: 74235
Ion Ratio Lower Upper
252 100
253 23.8 16.2 24.4
125 9.5 3.0 4.4#

Instrument :
BNA_G
ClientSampled :
TH-CCD

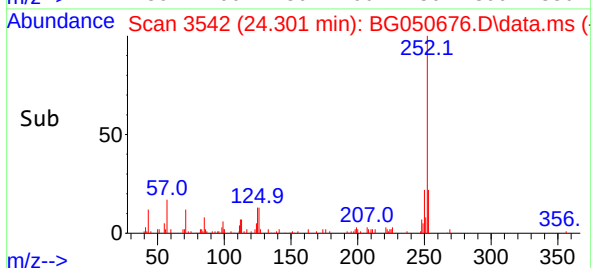
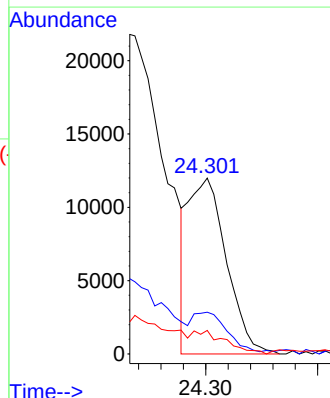
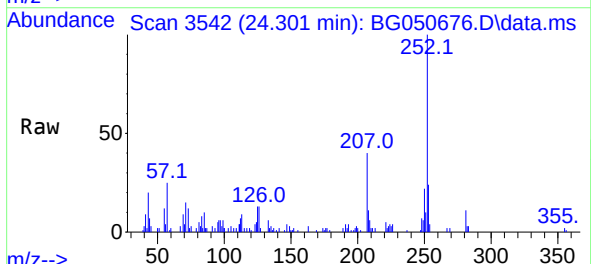
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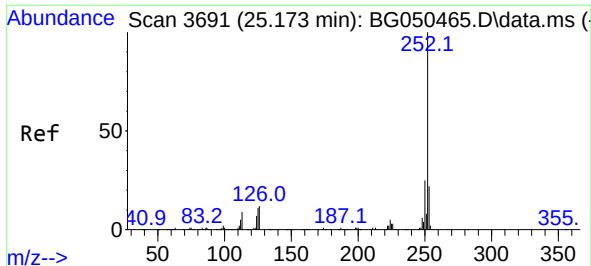
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#89
Benzo(k)fluoranthene
Concen: 2.39 ng m
RT: 24.301 min Scan# 3542
Delta R.T. -0.015 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion:252 Resp: 28396
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 13.3 3.1 4.7#





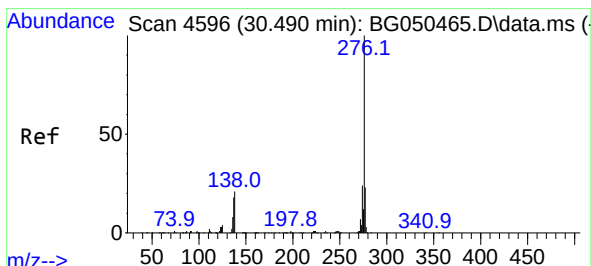
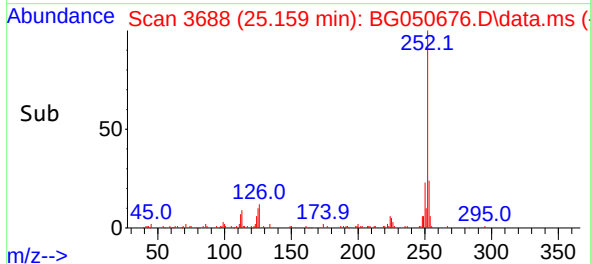
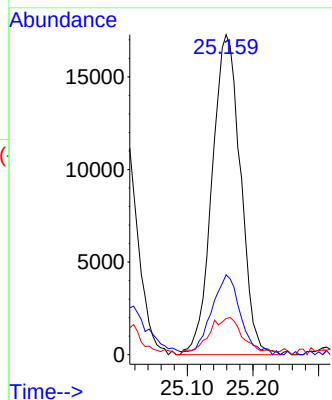
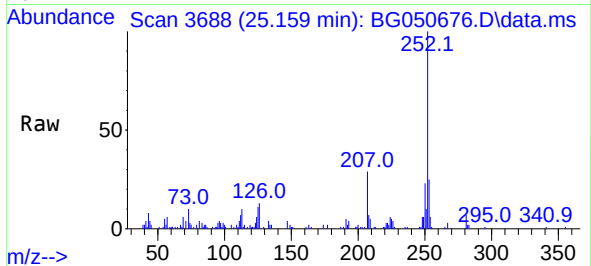
#90
Benzo(a)pyrene
Concen: 5.05 ng
RT: 25.159 min Scan# 3688
Delta R.T. -0.015 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion:252 Resp: 51890
Ion Ratio Lower Upper
252 100
253 25.0 16.6 25.0#
125 11.3 3.5 5.3#

Instrument :
BNA_G
ClientSampleId :
TH-CCD

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.17 ng
RT: 30.453 min Scan# 4589
Delta R.T. -0.044 min
Lab File: BG050676.D
Acq: 21 Oct 2021 21:08

Tgt Ion:276 Resp: 35344
Ion Ratio Lower Upper
276 100
277 21.2 18.4 27.6
138 23.3 7.0 10.6#

