

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049820.D
 Acq On : 12 Aug 2021 16:28
 Operator : CG/JU
 Sample : M3331-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSY1-SB-1011-0-10

Manual Integrations
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Quant Time: Aug 12 17:26:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	30807	20.000	ng	0.00
21) Naphthalene-d8	10.856	136	136762	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	94764	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	179548	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	150681	20.000	ng	0.00
86) Perylene-d12	25.013	264	161999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	187004	108.815	ng	0.00
7) Phenol-d6	7.202	99	267493	102.825	ng	0.00
23) Nitrobenzene-d5	9.205	82	192315	62.226	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	140781	101.070	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	439641	67.506	ng	0.00
79) Terphenyl-d14	20.050	244	562174	67.761	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.497	202	73516	6.324	ng	98
78) Pyrene	19.856	202	78441	7.636	ng	98
81) Benzo(a)anthracene	21.706	228	46802	4.769	ng	98
83) Chrysene	21.777	228	58843	6.273	ng	98
87) Indeno(1,2,3-cd)pyrene	28.750	276	42139	3.607	ng	# 91
88) Benzo(b)fluoranthene	23.968	252	112942	10.630	ng	# 99
89) Benzo(k)fluoranthene	24.021	252	36404m	3.673	ng	
90) Benzo(a)pyrene	24.849	252	53280	5.541	ng	# 85
92) Benzo(g,h,i)perylene	29.942	276	35578	3.689	ng	97

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

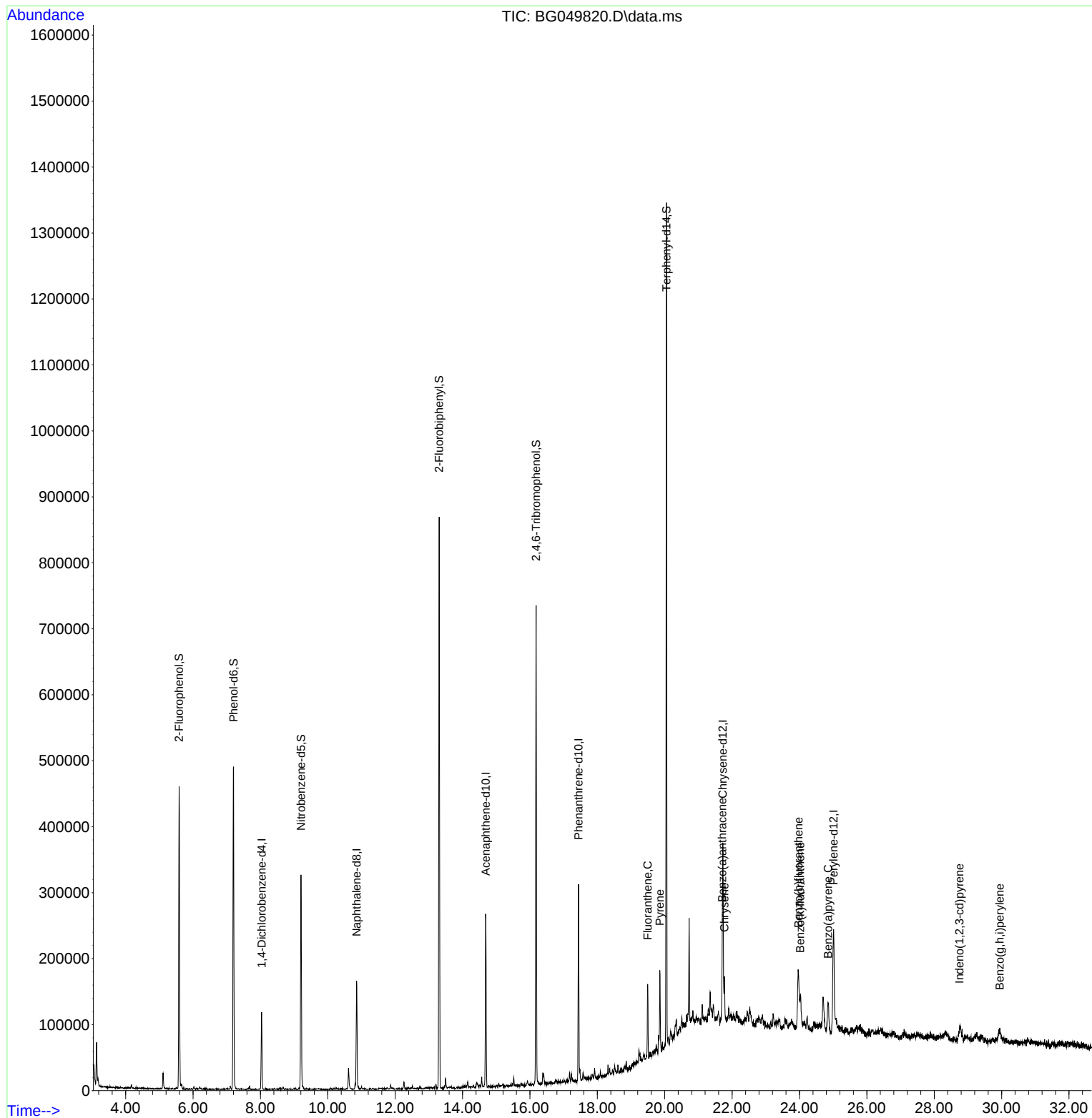
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049820.D
Acq On : 12 Aug 2021 16:28
Operator : CG/JU
Sample : M3331-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

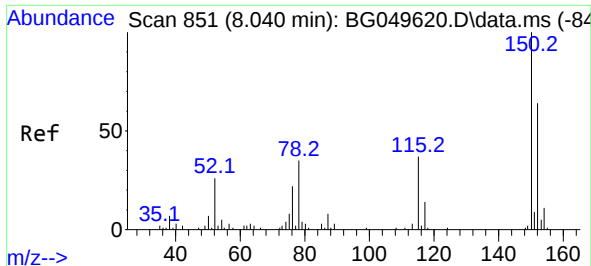
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

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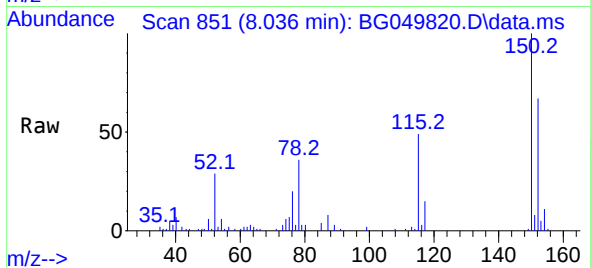
Quant Time: Aug 12 17:26:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.036 min Scan# 851
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

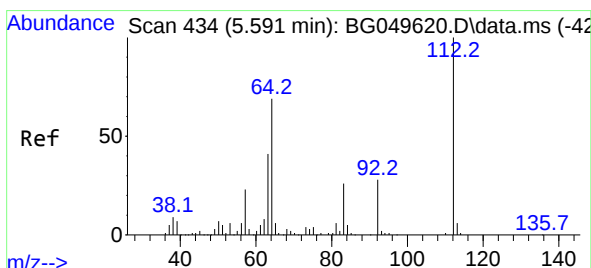
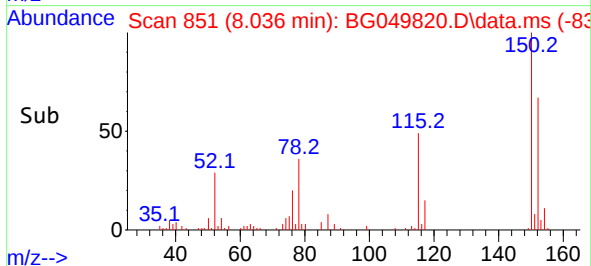
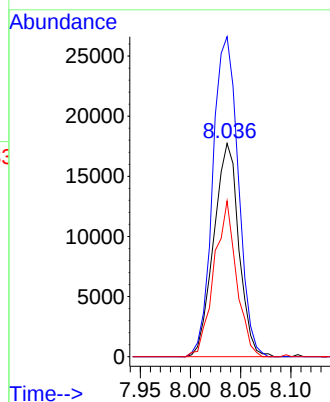
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10



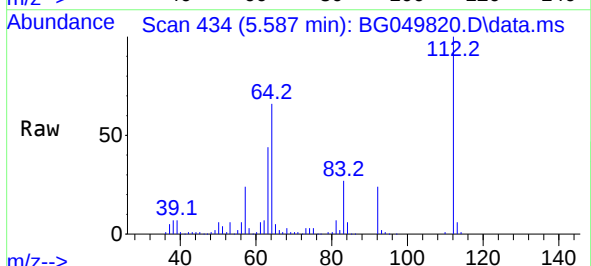
Tgt Ion:152 Resp: 30807
Ion Ratio Lower Upper
152 100
150 150.0 119.4 179.0
115 73.0 60.2 90.4

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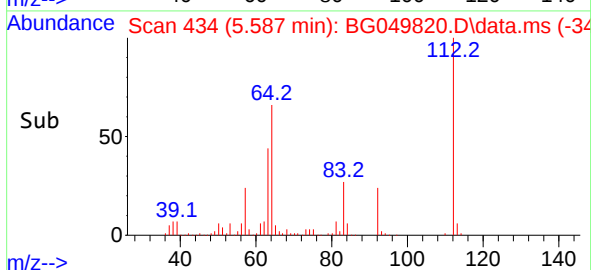
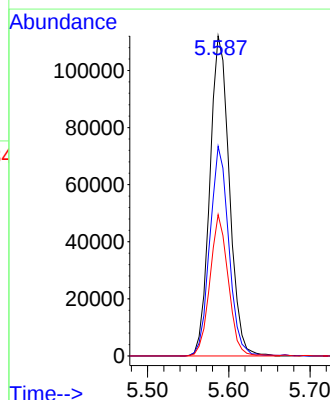
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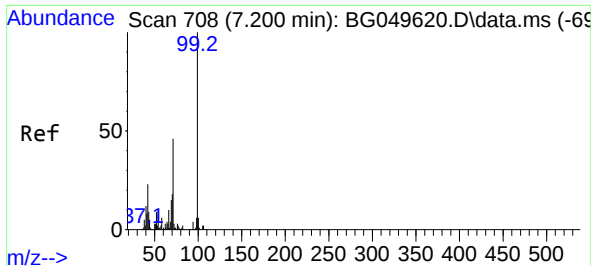


#5
2-Fluorophenol
Concen: 108.815 ng
RT: 5.587 min Scan# 434
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

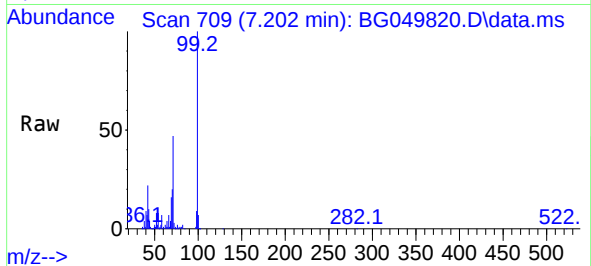


Tgt Ion:112 Resp: 187004
Ion Ratio Lower Upper
112 100
64 65.5 46.7 70.1
63 44.2 35.3 52.9



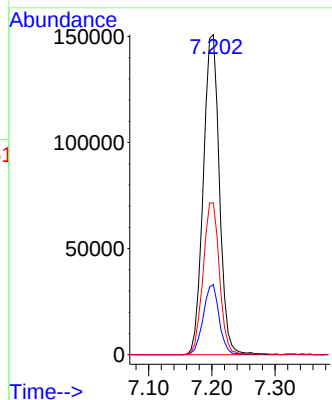


#7
Phenol-d6
Concen: 102.825 ng
RT: 7.202 min Scan# 709
Delta R.T. 0.002 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28



Tgt Ion: 99 Resp: 267493

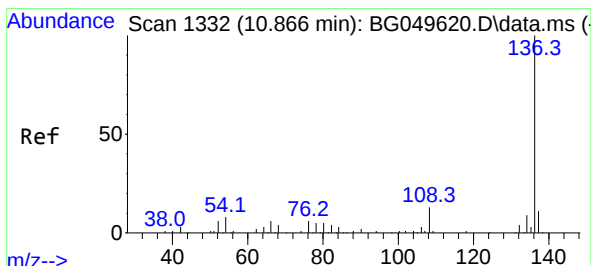
Ion	Ratio	Lower	Upper
99	100		
42	21.9	20.5	30.7
71	47.5	41.5	62.3



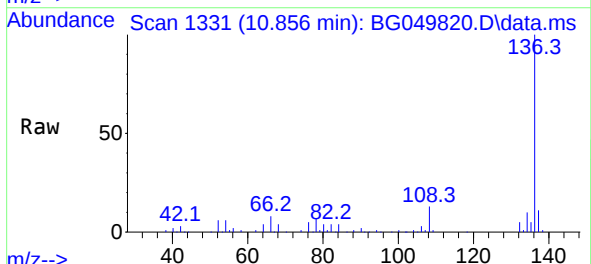
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

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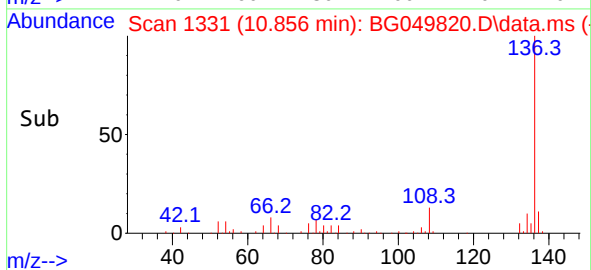
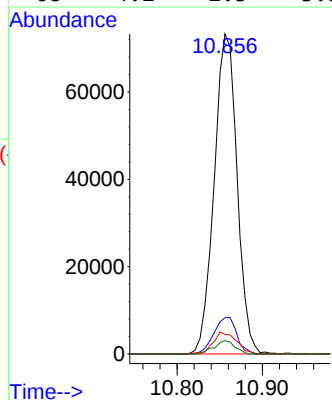


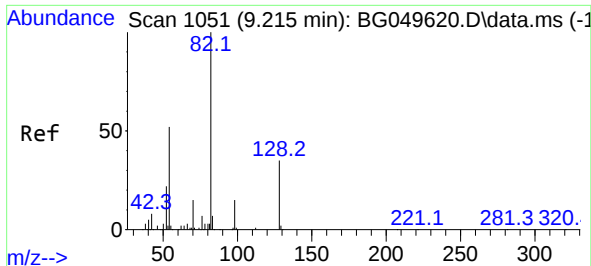
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.856 min Scan# 1331
Delta R.T. -0.010 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28



Tgt Ion: 136 Resp: 136762

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	6.1	5.5	8.3
68	4.2	2.3	3.5





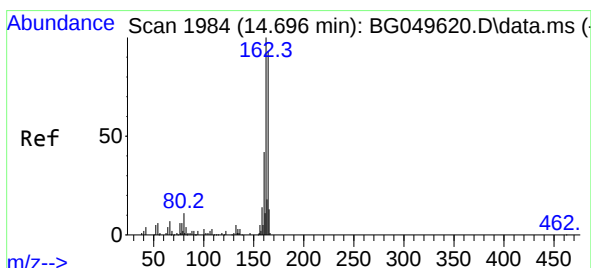
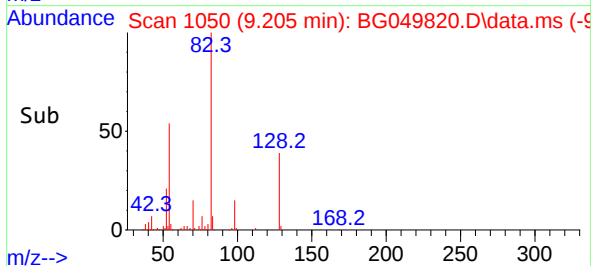
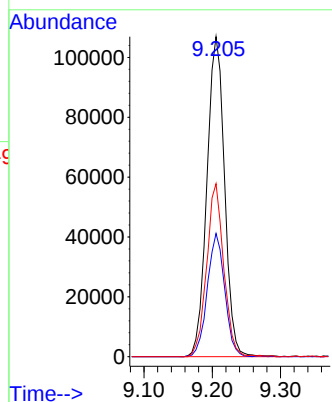
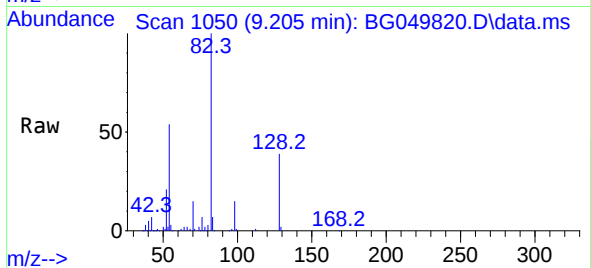
#23
Nitrobenzene-d5
Concen: 62.226 ng
RT: 9.205 min Scan# 1050
Delta R.T. -0.010 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

Tgt Ion: 82 Resp: 192315
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 54.0 45.8 68.8

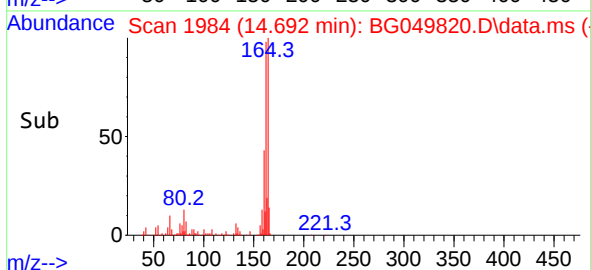
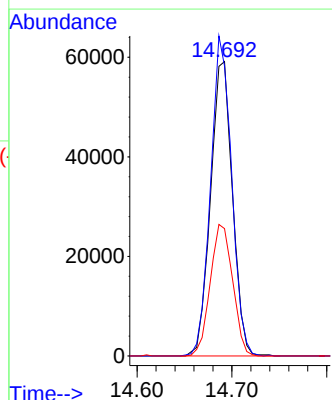
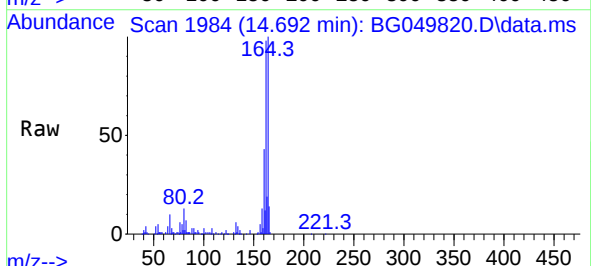
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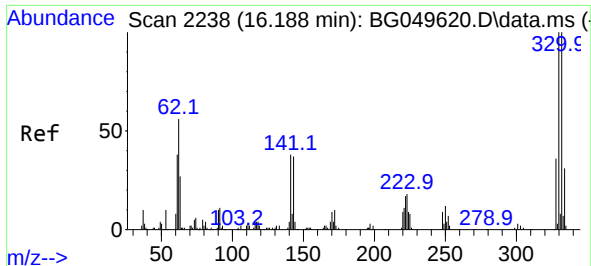
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

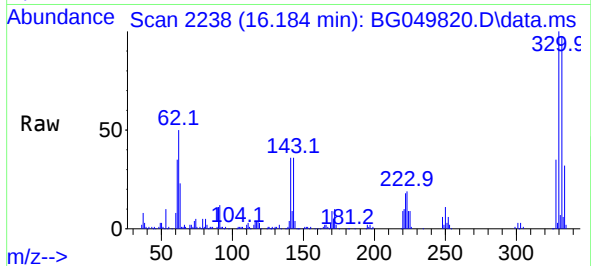
Tgt Ion: 164 Resp: 94764
Ion Ratio Lower Upper
164 100
162 98.5 81.4 122.0
160 43.3 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 101.070 ng
RT: 16.184 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

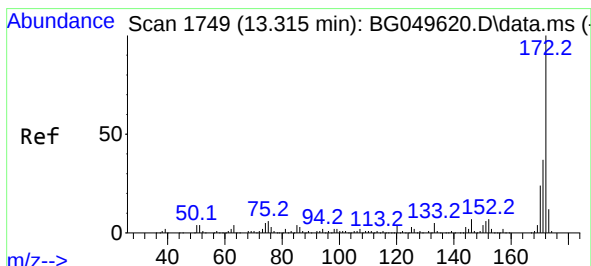
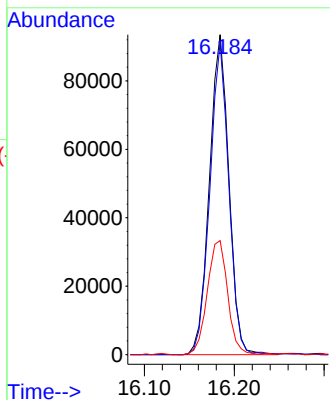
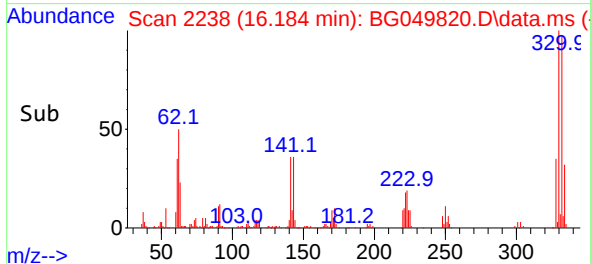
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ClientSampleId :
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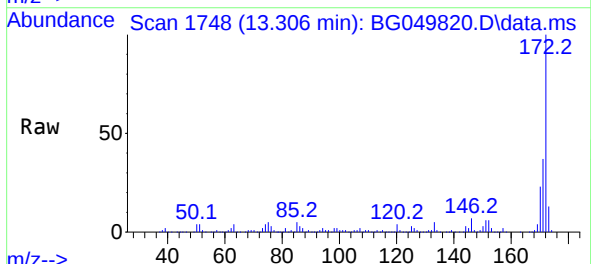
Tgt Ion:330 Resp: 140781
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 37.3 35.6 53.4

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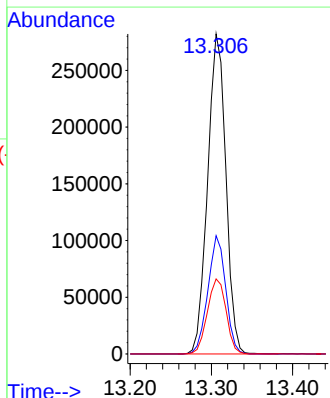
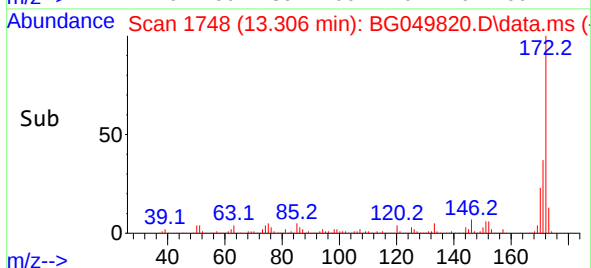
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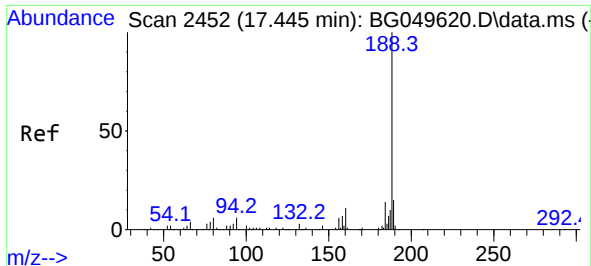


#45
2-Fluorobiphenyl
Concen: 67.506 ng
RT: 13.306 min Scan# 1748
Delta R.T. -0.010 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28



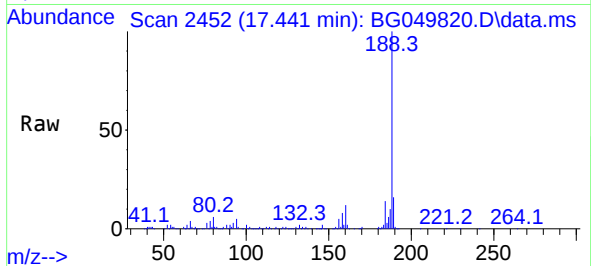
Tgt Ion:172 Resp: 439641
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 23.5 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

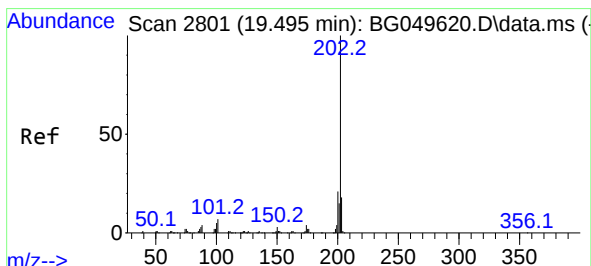
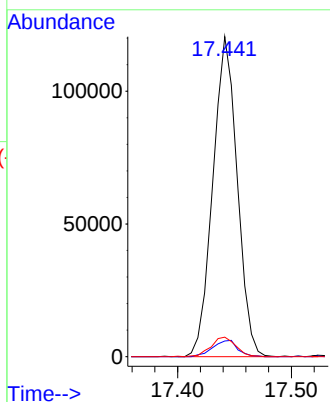
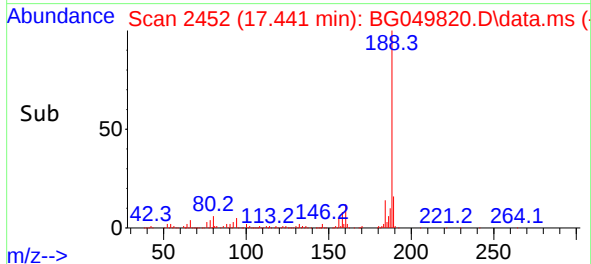
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10



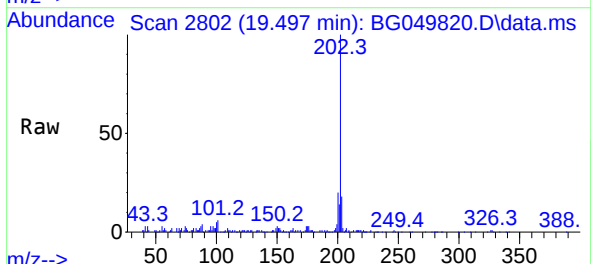
Tgt Ion:188 Resp: 179548
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 6.1 3.7 5.5#

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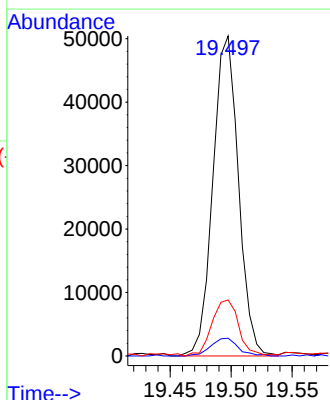
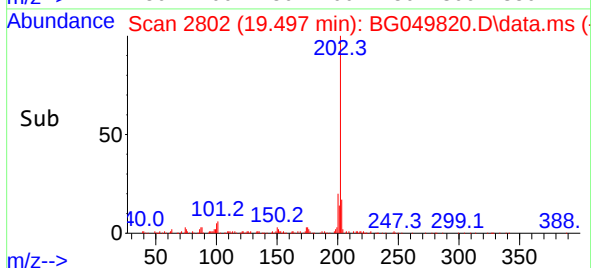
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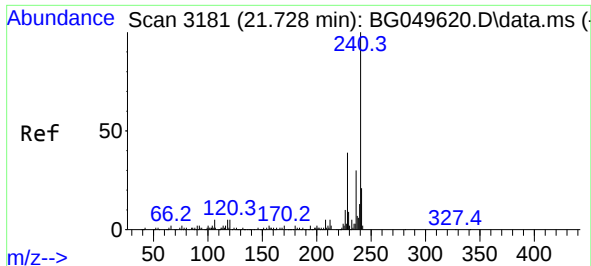


#75
Fluoranthene
Concen: 6.324 ng
RT: 19.497 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28



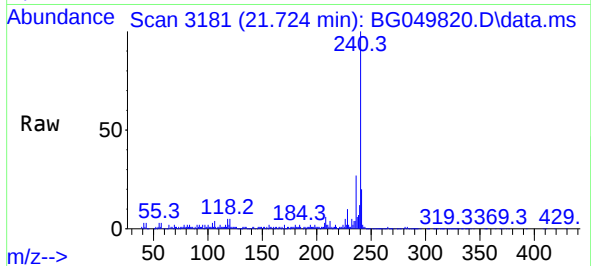
Tgt Ion:202 Resp: 73516
Ion Ratio Lower Upper
202 100
101 5.6 0.0 24.7
203 17.5 0.0 38.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

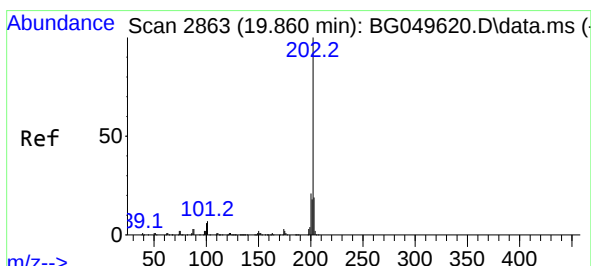
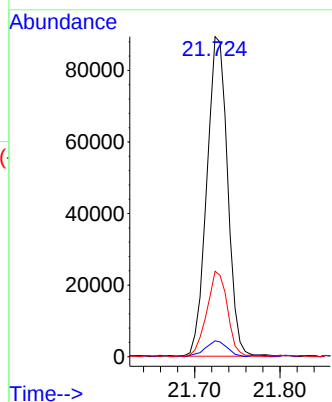
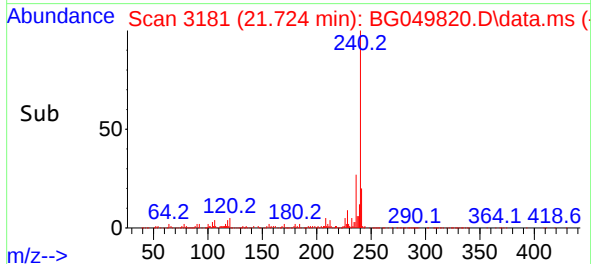
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BNA_G
ClientSampleId :
BSY1-SB-1011-0-10



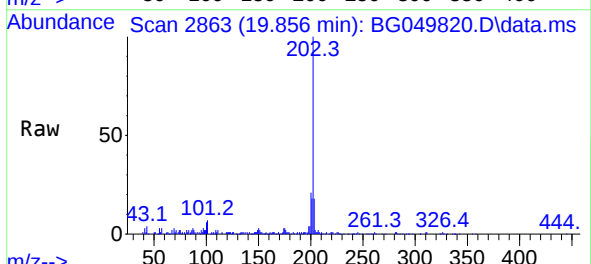
Tgt Ion:240 Resp: 150681
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 26.7 21.8 32.6

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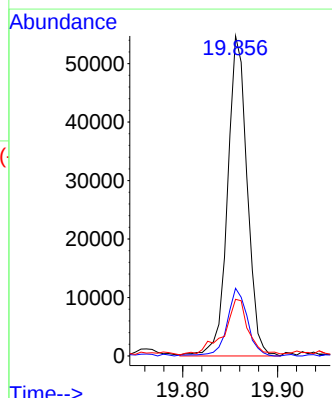
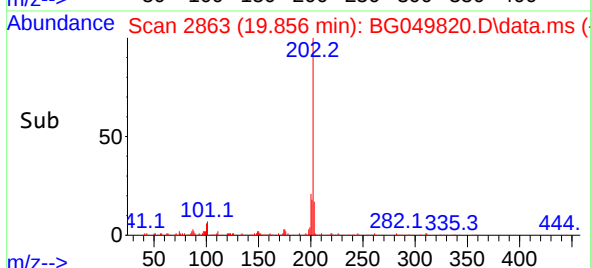
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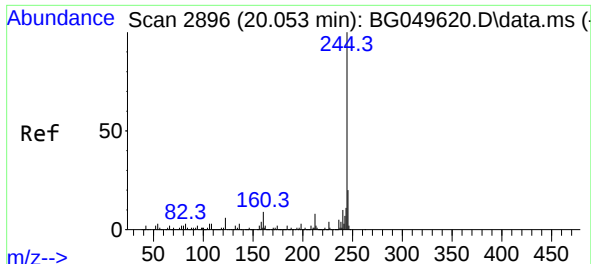


#78
Pyrene
Concen: 7.636 ng
RT: 19.856 min Scan# 2863
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28



Tgt Ion:202 Resp: 78441
Ion Ratio Lower Upper
202 100
200 21.2 15.8 23.8
203 17.7 14.6 21.8





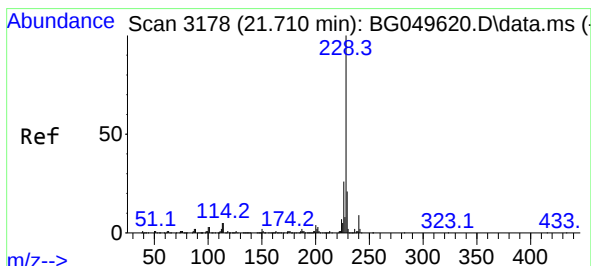
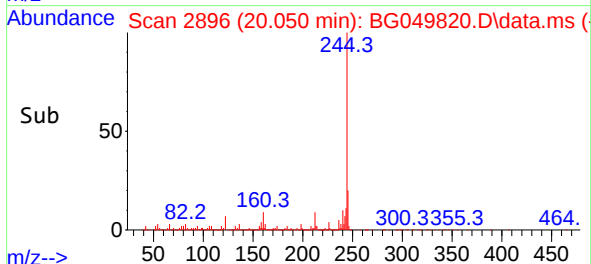
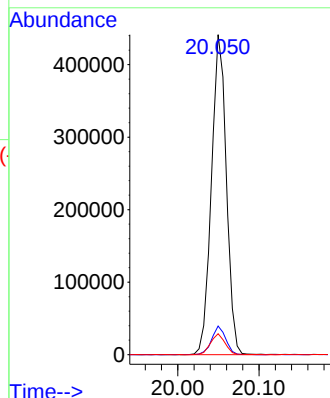
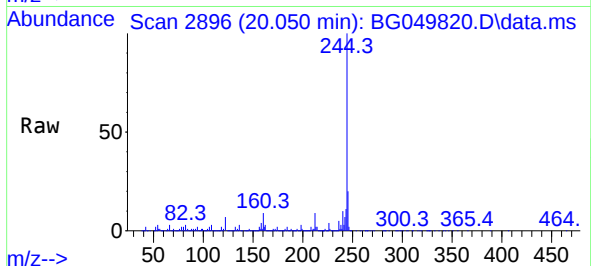
#79
Terphenyl-d14
Concen: 67.761 ng
RT: 20.050 min Scan# 2896
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:	244	Resp:	562174
Ion Ratio	Lower	Upper	
244	100		
212	8.9	6.9	10.3
122	6.5	5.0	7.6

Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

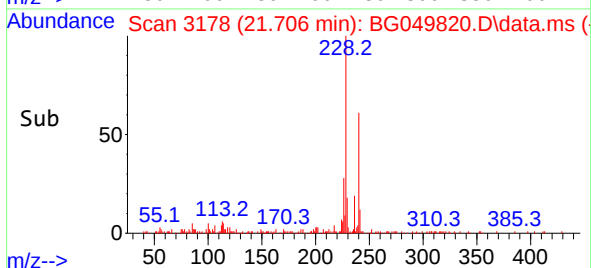
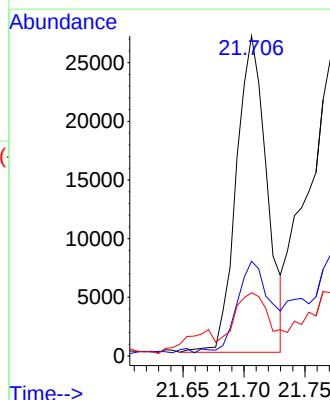
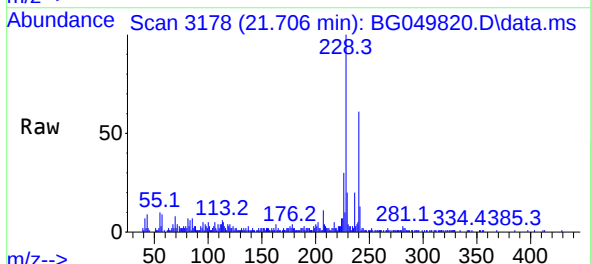
Manual Integrations
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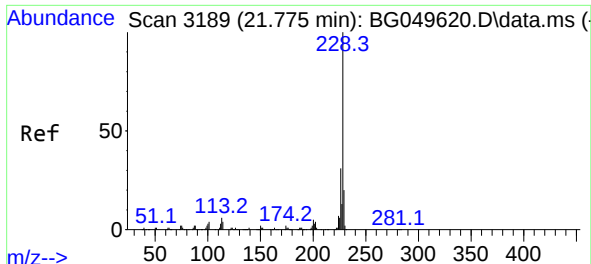
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#81
Benzo(a)anthracene
Concen: 4.769 ng
RT: 21.706 min Scan# 3178
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:	228	Resp:	46802
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.7	34.1
229	19.8	16.0	24.0





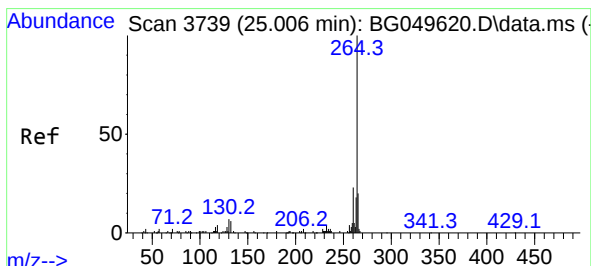
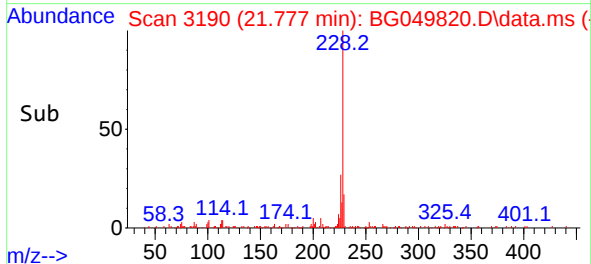
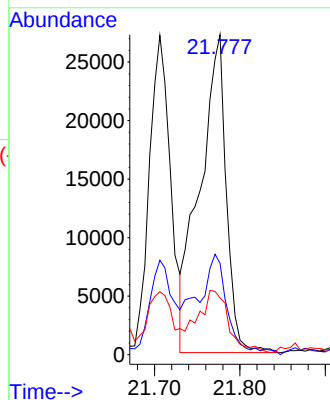
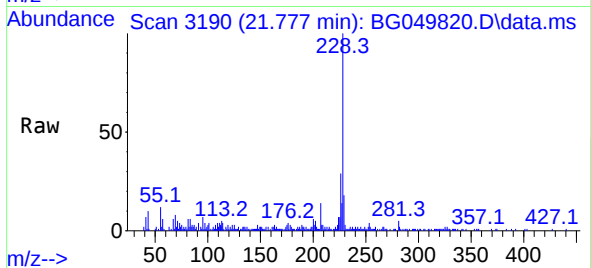
#83
Chrysene
Concen: 6.273 ng
RT: 21.777 min Scan# 3190
Delta R.T. 0.002 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:	228	Resp:	58843
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.1	34.7
229	17.7	15.3	22.9

Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

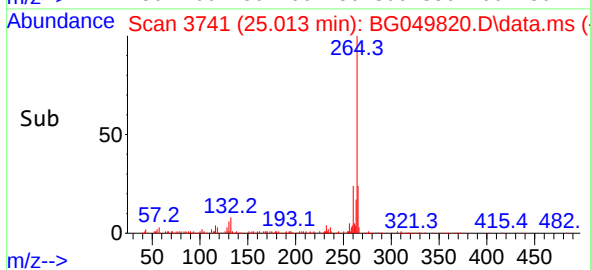
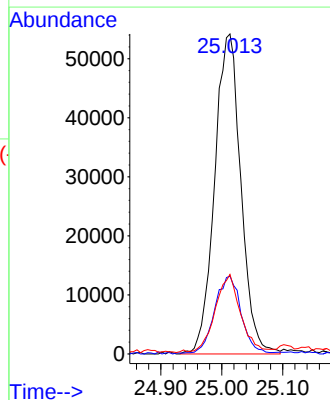
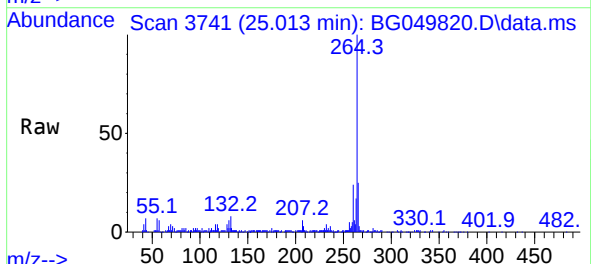
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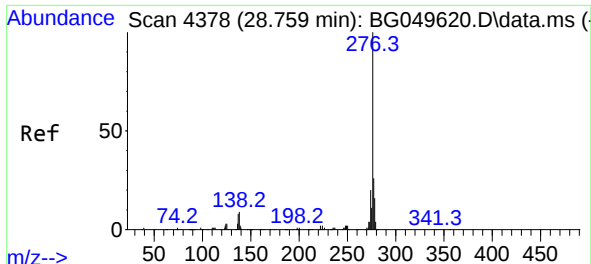
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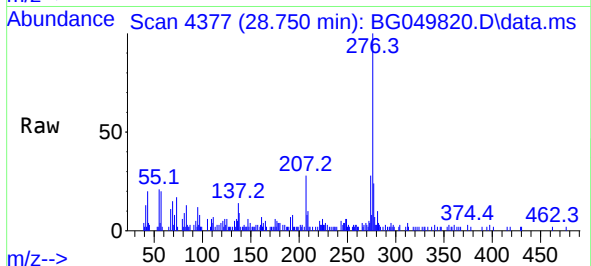
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.013 min Scan# 3741
Delta R.T. 0.008 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion:	264	Resp:	161999
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	24.8	16.9	25.3

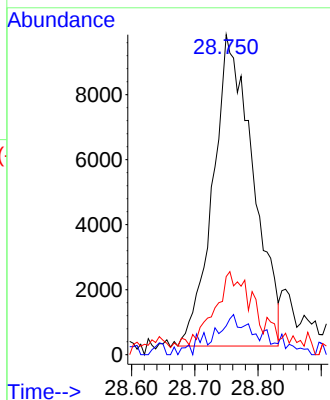
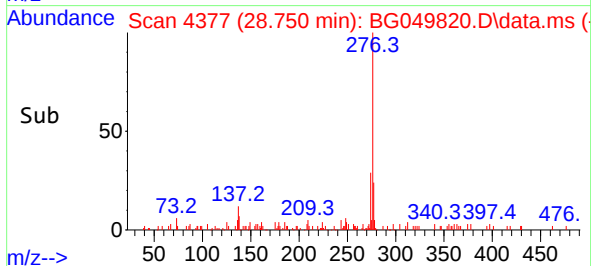




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.607 ng
RT: 28.750 min Scan# 4377
Delta R.T. -0.010 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28



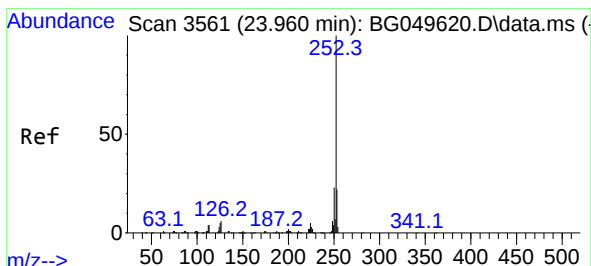
Tgt Ion: 276 Resp: 42139
Ion Ratio Lower Upper
276 100
138 4.0 5.1 7.7#
277 20.2 19.8 29.6



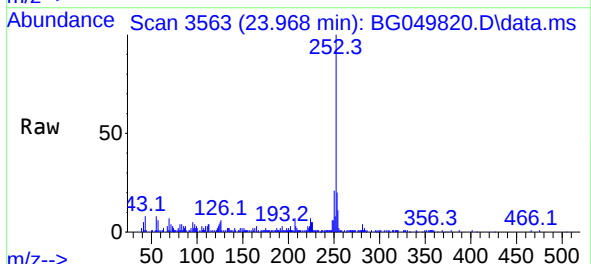
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

Manual Integrations
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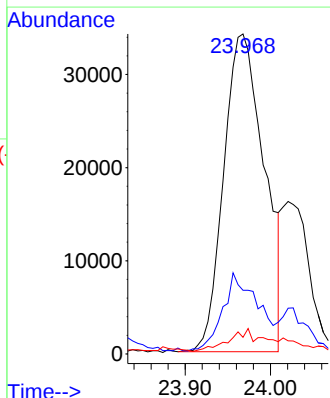
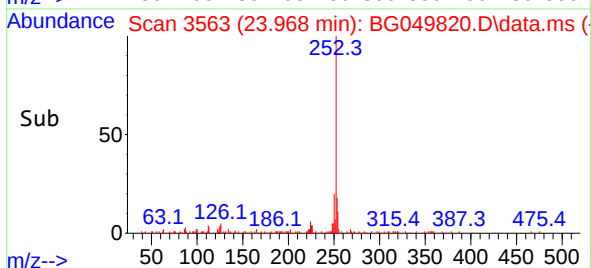
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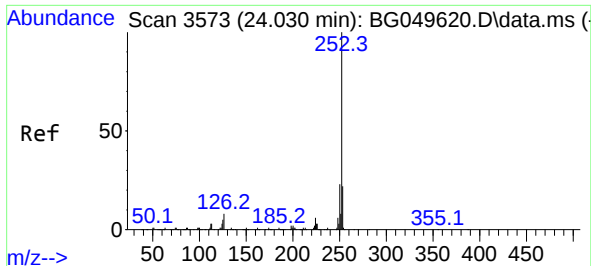


#88
Benzo(b)fluoranthene
Concen: 10.630 ng
RT: 23.968 min Scan# 3563
Delta R.T. 0.008 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28



Tgt Ion: 252 Resp: 112942
Ion Ratio Lower Upper
252 100
253 19.9 16.2 24.4
125 5.2 3.0 4.4#





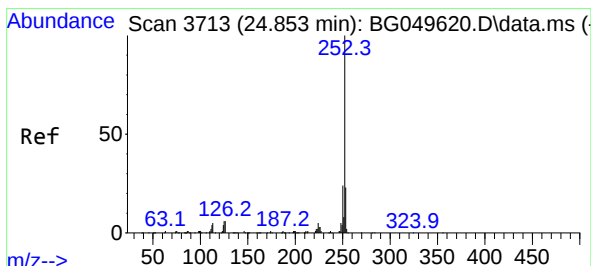
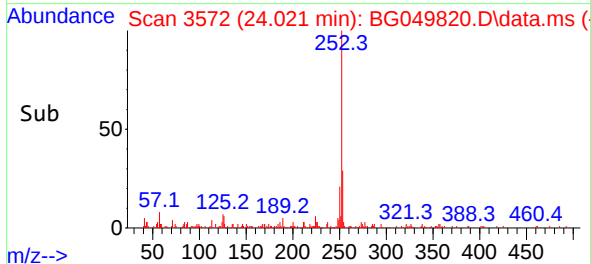
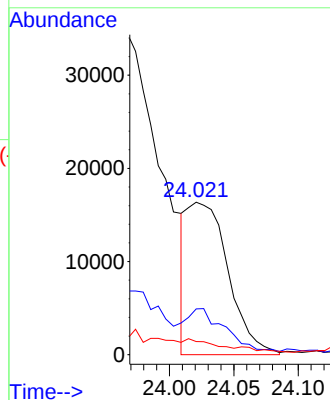
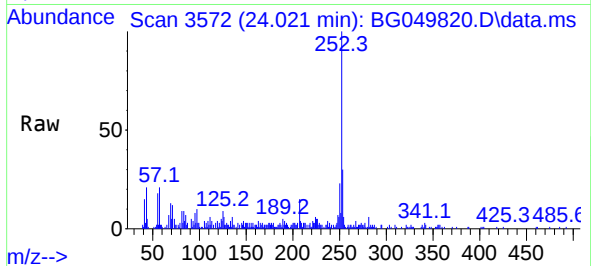
#89
Benzo(k)fluoranthene
Concen: 3.673 ng m
RT: 24.021 min Scan# 3572
Delta R.T. -0.010 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.0	27.0#
125	8.6	3.1	4.7#

Instrument :
BNA_G
ClientSampleId :
BSY1-SB-1011-0-10

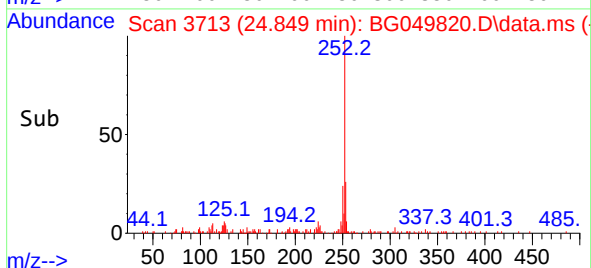
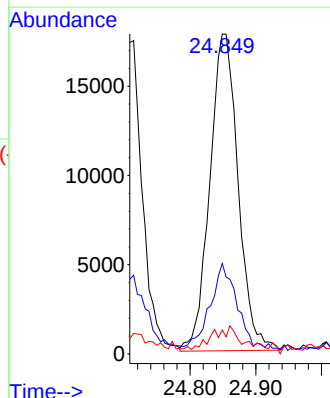
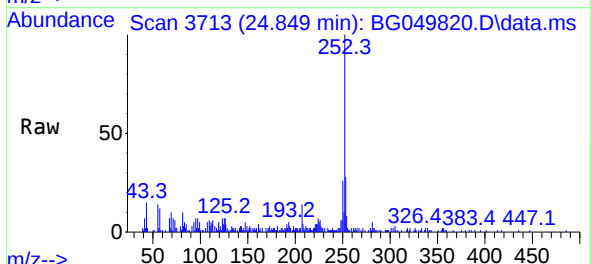
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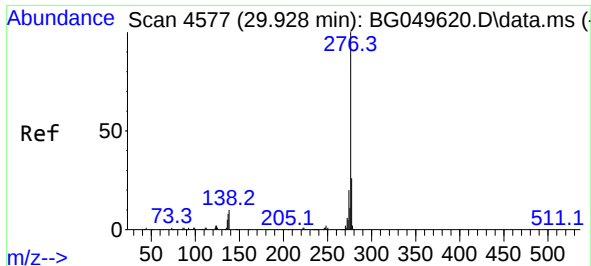
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#90
Benzo(a)pyrene
Concen: 5.541 ng
RT: 24.849 min Scan# 3713
Delta R.T. -0.004 min
Lab File: BG049820.D
Acq: 12 Aug 2021 16:28

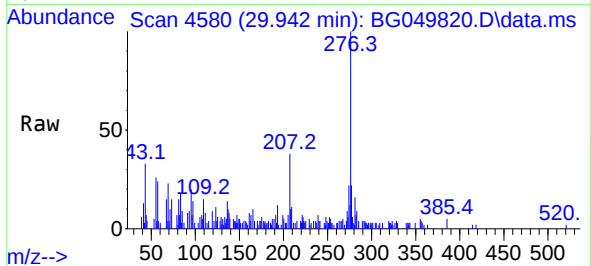
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	16.6	25.0#
125	7.5	3.5	5.3#





#92
 Benzo(g,h,i)perylene
 Concen: 3.689 ng
 RT: 29.942 min Scan# 4580
 Delta R.T. 0.014 min
 Lab File: BG049820.D
 Acq: 12 Aug 2021 16:28

Instrument :
 BNA_G
 ClientSampleId :
 BSY1-SB-1011-0-10



Tgt Ion:	276	Resp:	35578
Ion Ratio	Lower	Upper	
276	100		
277	21.9	18.4	27.6
138	7.7	7.0	10.6

Manual Integrations
 APPROVED

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