

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
 Data File : BG050609.D
 Acq On : 15 Oct 2021 18:49
 Operator : CG/JU
 Sample : M4221-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSHQ-CONCRETE

Manual Integrations
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Quant Time: Oct 18 06:32:37 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	8.253	152	43213	20.00	ng	0.00
21) Naphthalene-d8	11.079	136	182482	20.00	ng	# 0.00
39) Acenaphthene-d10	14.874	164	121376	20.00	ng	0.00
64) Phenanthrene-d10	17.612	188	276723	20.00	ng	# 0.00
76) Chrysene-d12	21.913	240	239067	20.00	ng	#-0.01
86) Perylene-d12	25.321	264	240572	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	92206	31.91	ng	0.00
7) Phenol-d6	7.401	99	356072	85.11	ng	0.00
23) Nitrobenzene-d5	9.428	82	305771	69.36	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	3299	2.85	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	558428	69.24	ng	0.00
79) Terphenyl-d14	20.203	244	864074	70.44	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.651	202	147535	8.23	ng	94
78) Pyrene	20.015	202	151078	8.91	ng	99
81) Benzo(a)anthracene	21.890	228	107753	6.81	ng	97
83) Chrysene	21.960	228	112282	7.55	ng	96
87) Indeno(1,2,3-cd)pyrene	29.222	276	47206	2.82	ng	# 91
88) Benzo(b)fluoranthene	24.234	252	191972	13.03	ng	# 96
89) Benzo(k)fluoranthene	24.304	252	52813m	3.64	ng	
90) Benzo(a)pyrene	25.156	252	67514	5.39	ng	# 92
92) Benzo(g,h,i)perylene	30.438	276	34592	2.55	ng	# 90

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

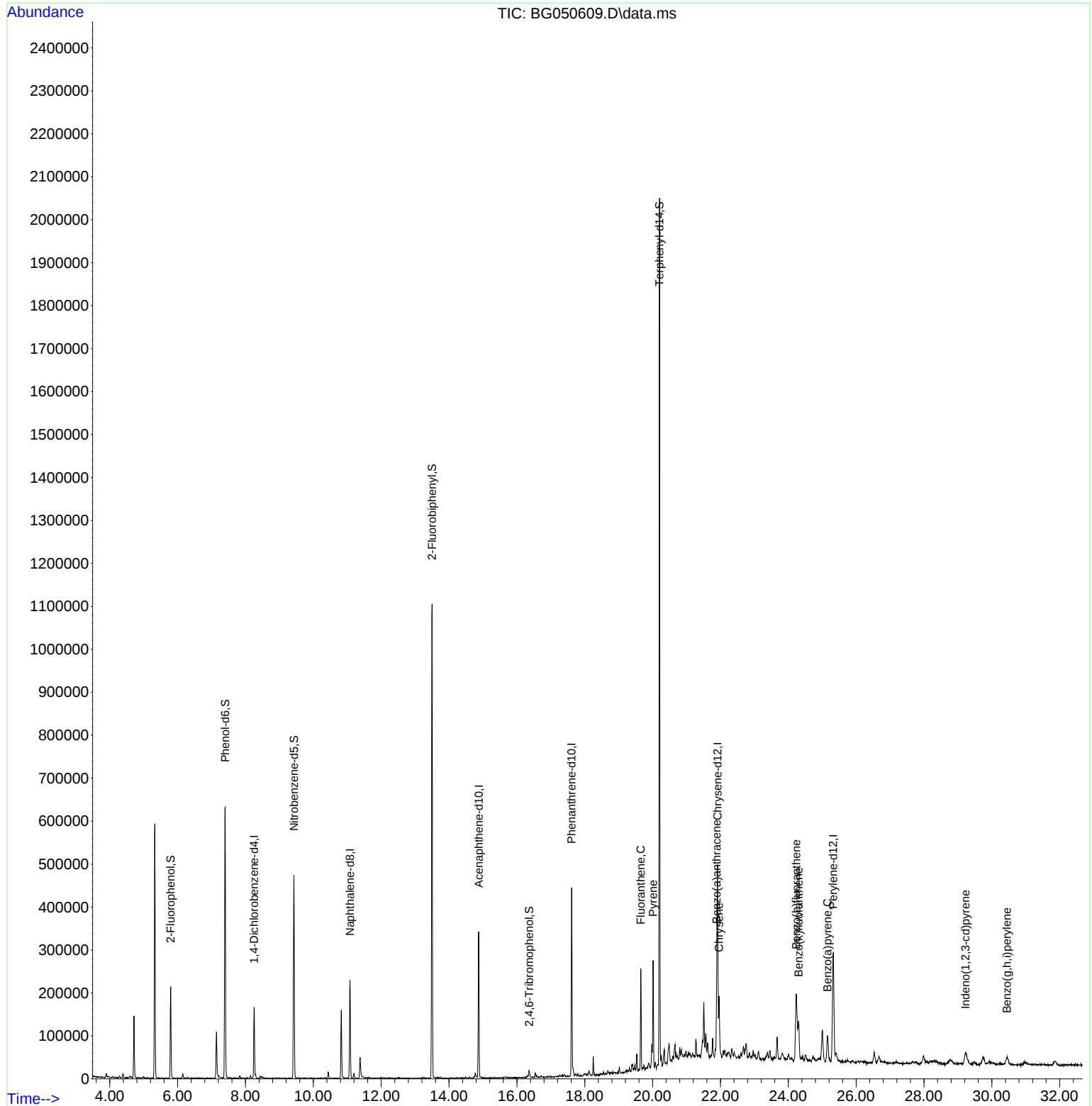
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
Data File : BG050609.D
Acq On : 15 Oct 2021 18:49
Operator : CG/JU
Sample : M4221-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

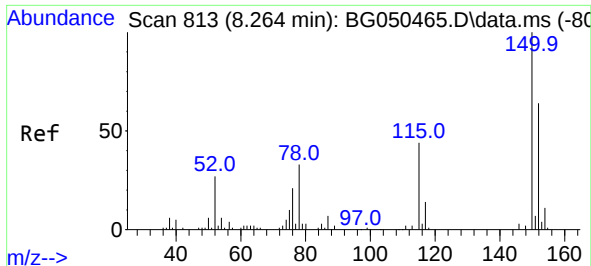
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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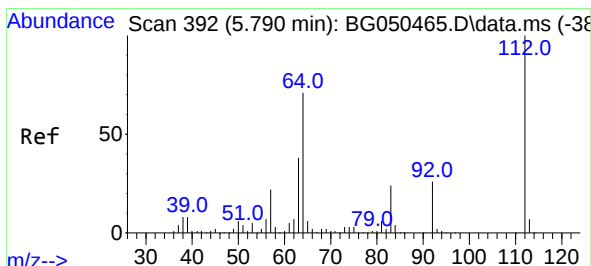
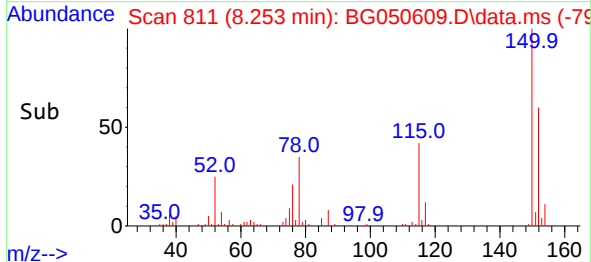
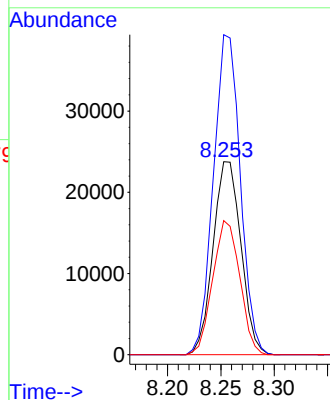
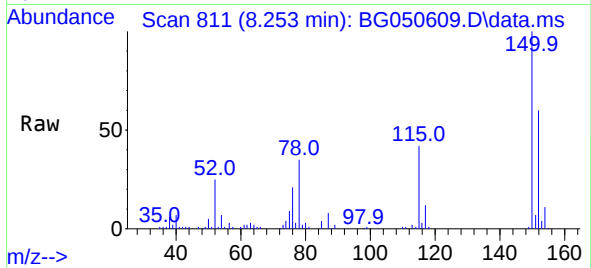
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

Tgt Ion:152 Resp: 43213
Ion Ratio Lower Upper
152 100
150 165.9 119.4 179.0
115 69.5 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
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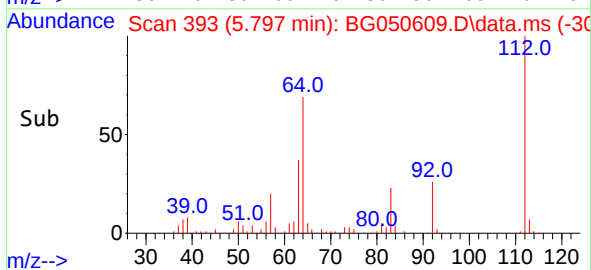
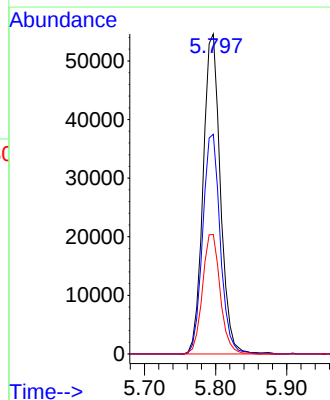
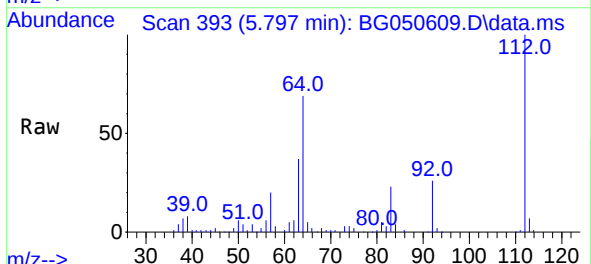
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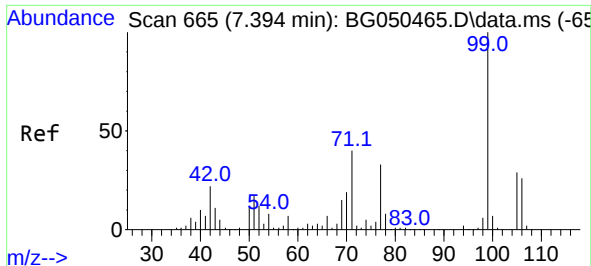
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#5
2-Fluorophenol
Concen: 31.91 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

Tgt Ion:112 Resp: 92206
Ion Ratio Lower Upper
112 100
64 68.7 46.7 70.1
63 37.3 35.3 52.9





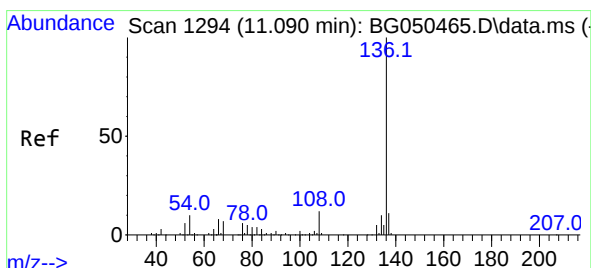
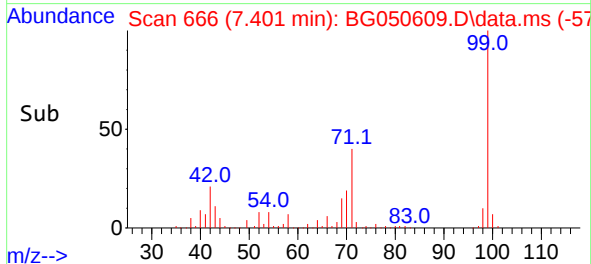
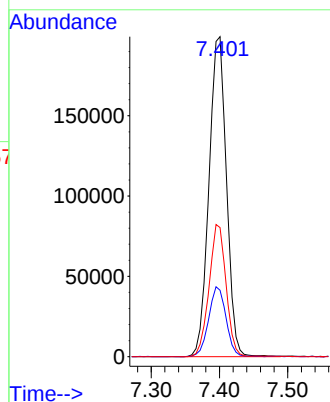
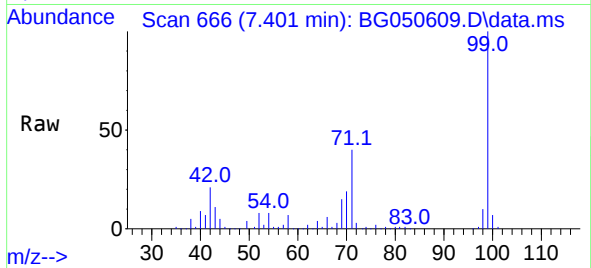
#7
Phenol-d6
Concen: 85.11 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

Tgt Ion: 99 Resp: 356072
Ion Ratio Lower Upper
99 100
42 20.8 20.5 30.7
71 40.4 41.5 62.3#

Instrument :
BNA_G
ClientSampleId :
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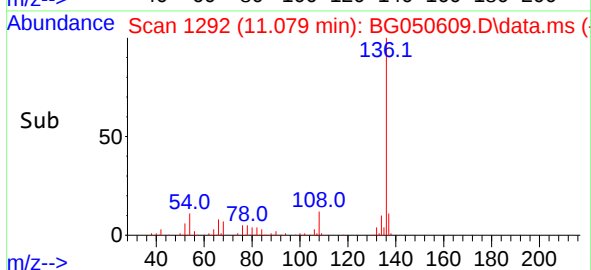
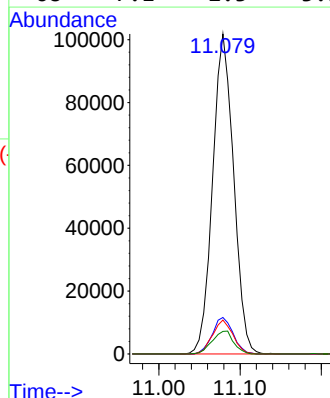
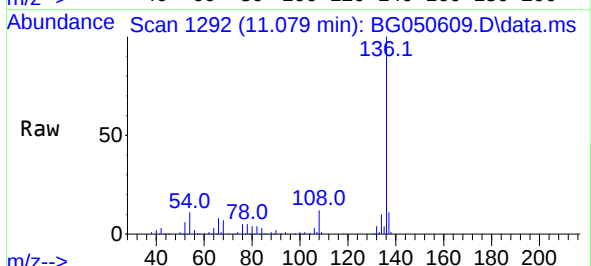
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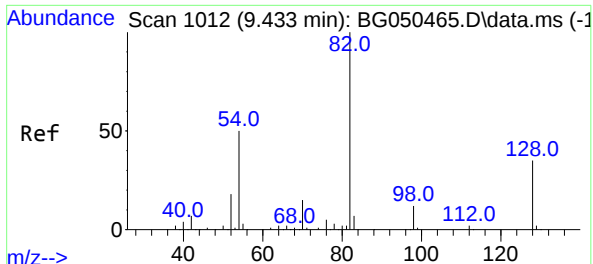
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

Tgt Ion: 136 Resp: 182482
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 10.6 5.5 8.3#
68 7.1 2.3 3.5#





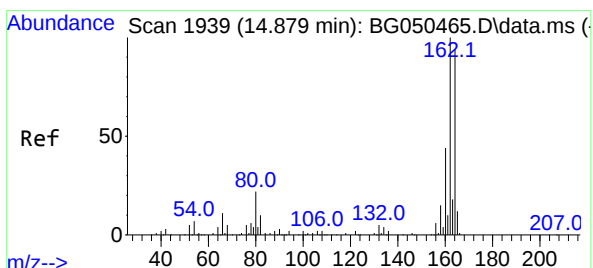
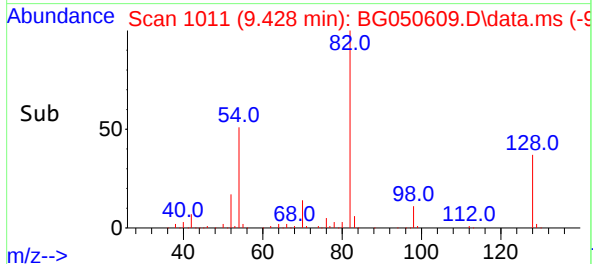
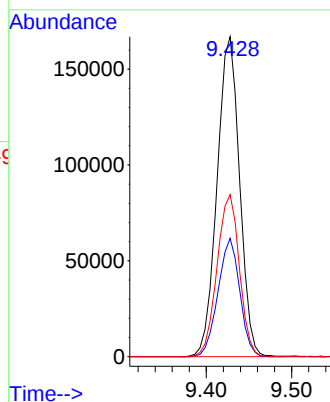
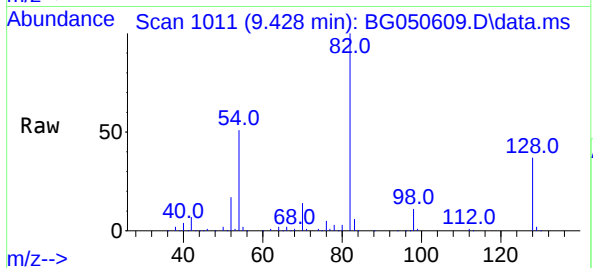
#23
Nitrobenzene-d5
Concen: 69.36 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

Tgt Ion: 82 Resp: 305771
Ion Ratio Lower Upper
82 100
128 37.0 29.8 44.6
54 50.6 45.8 68.8

Instrument :
BNA_G
ClientSampleId :
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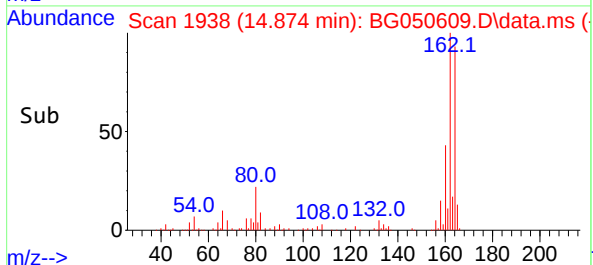
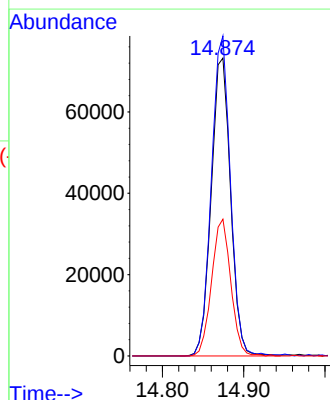
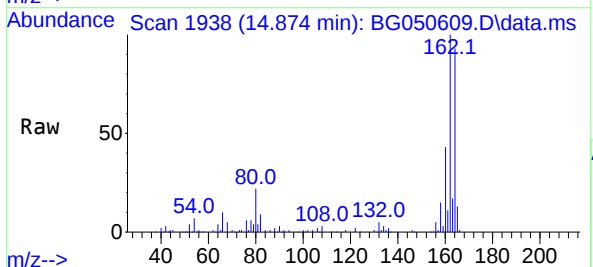
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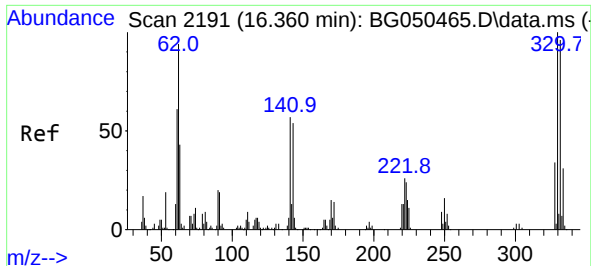
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

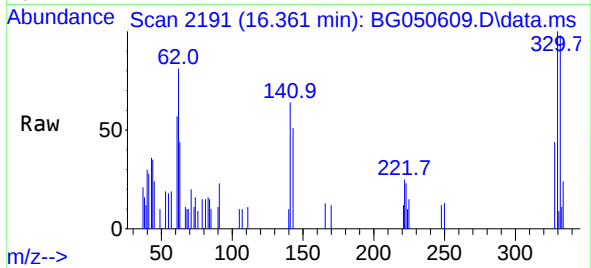
Tgt Ion:164 Resp: 121376
Ion Ratio Lower Upper
164 100
162 107.4 81.4 122.0
160 45.9 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 2.85 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

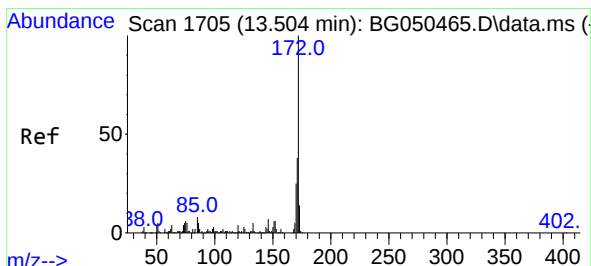
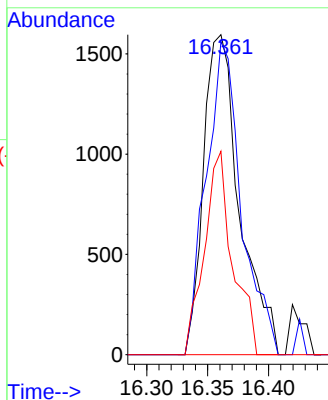
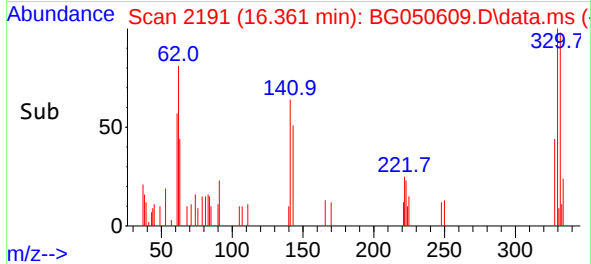
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BNA_G
ClientSampleId :
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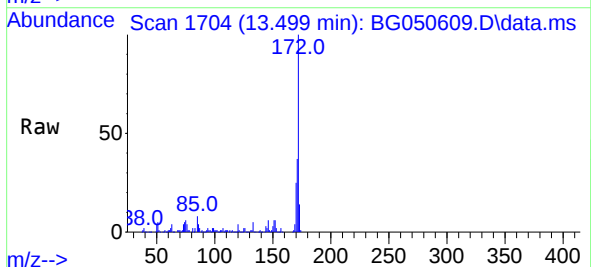
Tgt Ion:330 Resp: 3299
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 49.5 35.6 53.4

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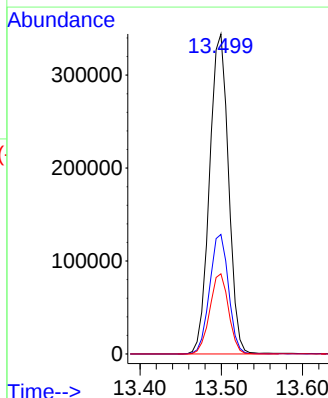
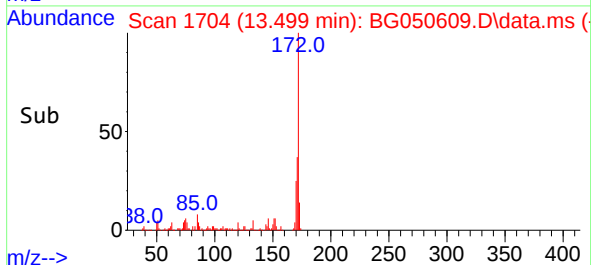
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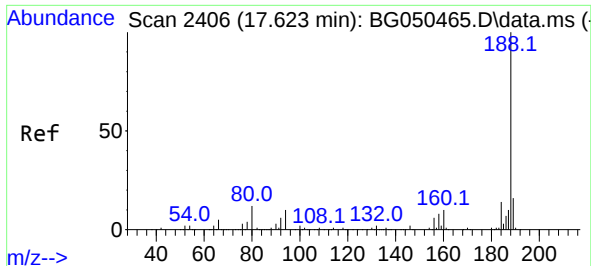


#45
2-Fluorobiphenyl
Concen: 69.24 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49



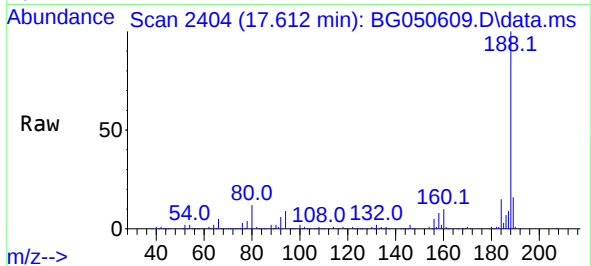
Tgt Ion:172 Resp: 558428
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.0 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

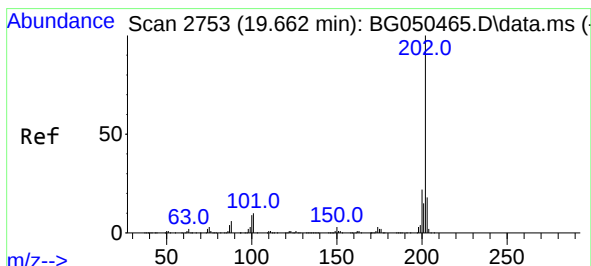
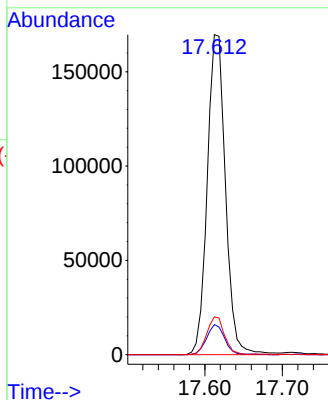
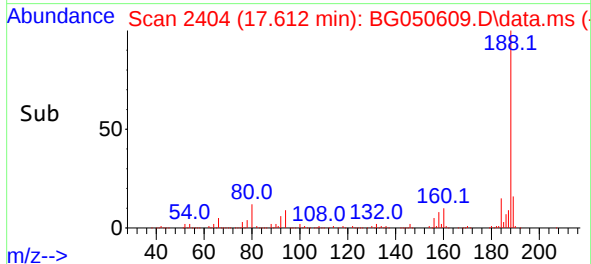
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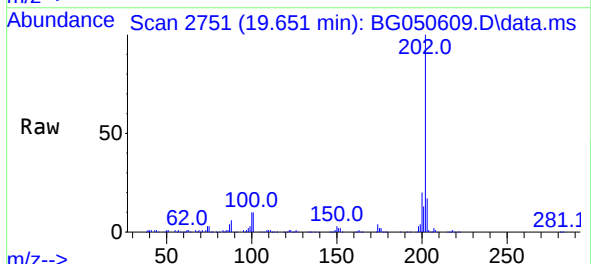
Tgt Ion:188 Resp: 276723
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.8 3.7 5.5#

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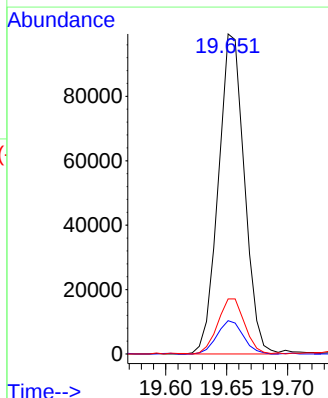
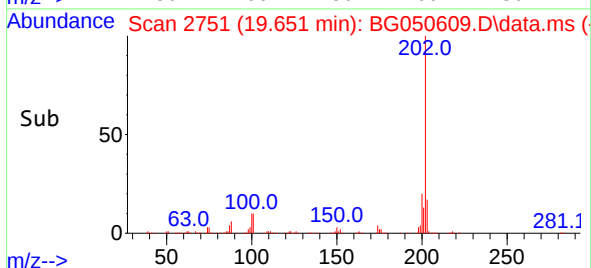
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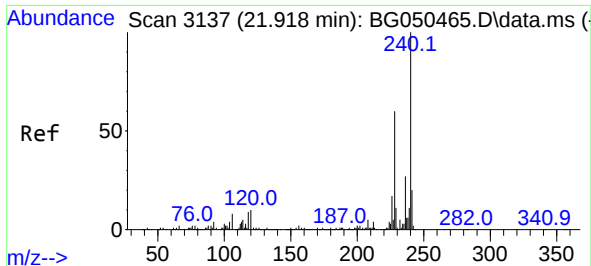


#75
Fluoranthene
Concen: 8.23 ng
RT: 19.651 min Scan# 2751
Delta R.T. -0.012 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49



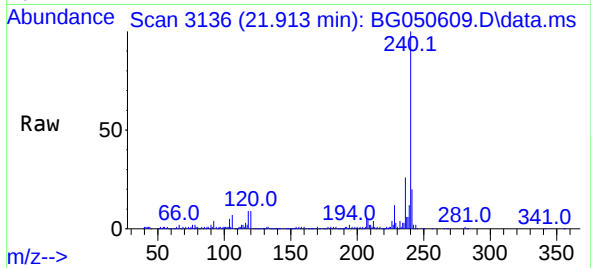
Tgt Ion:202 Resp: 147535
Ion Ratio Lower Upper
202 100
101 10.4 0.0 24.7
203 17.2 0.0 38.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

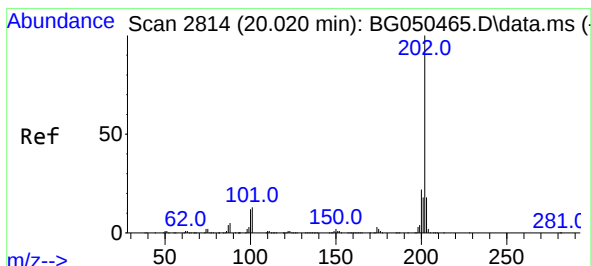
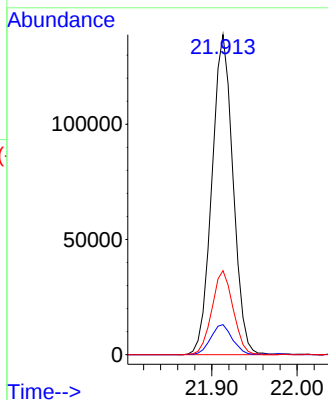
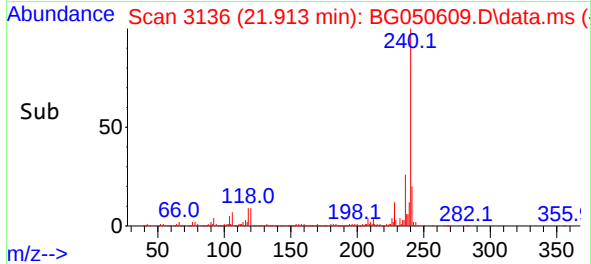
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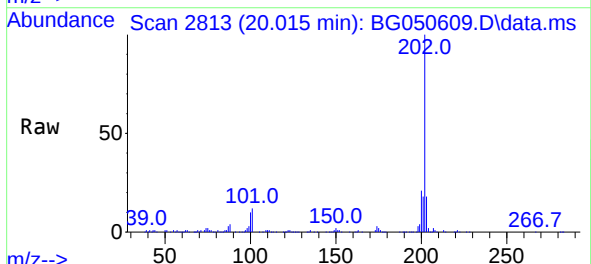
Tgt Ion:240 Resp: 239067
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 26.2 21.8 32.6

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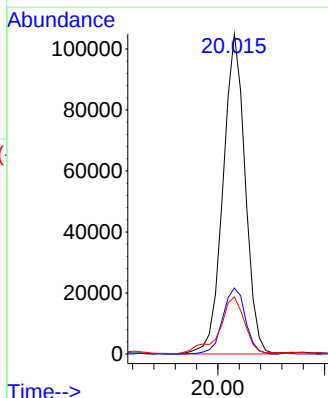
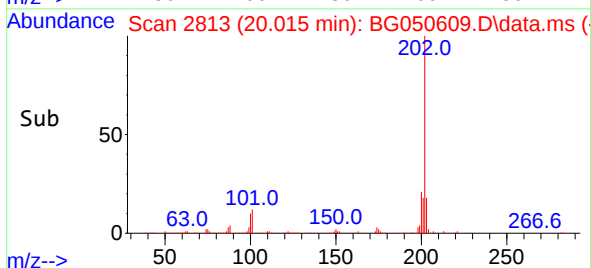
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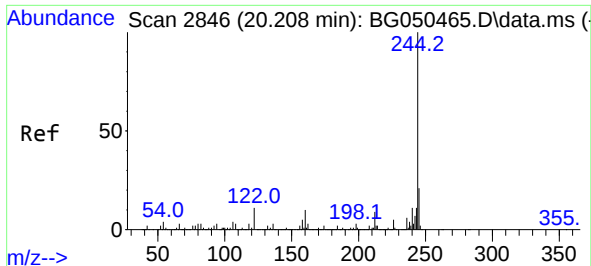


#78
Pyrene
Concen: 8.91 ng
RT: 20.015 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49



Tgt Ion:202 Resp: 151078
Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.8
203 17.8 14.6 21.8





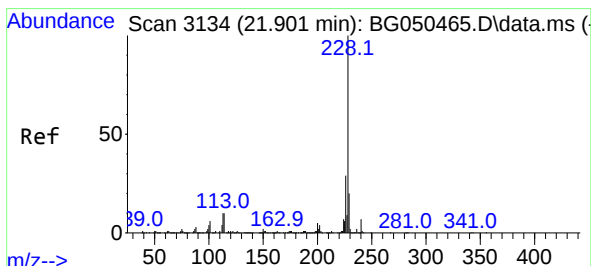
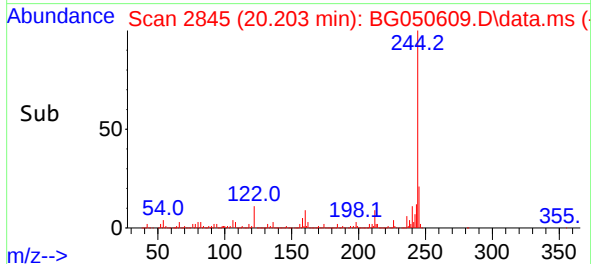
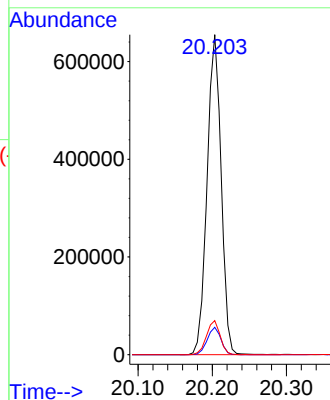
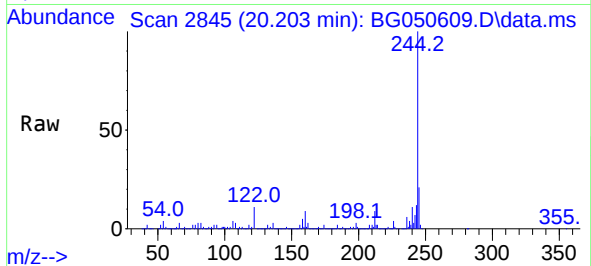
#79
 Terphenyl-d14
 Concen: 70.44 ng
 RT: 20.203 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BG050609.D
 Acq: 15 Oct 2021 18:49

Tgt Ion:244 Resp: 864074
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 10.7 5.0 7.6#

Instrument :
 BNA_G
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 SSHQ-CONCRETE

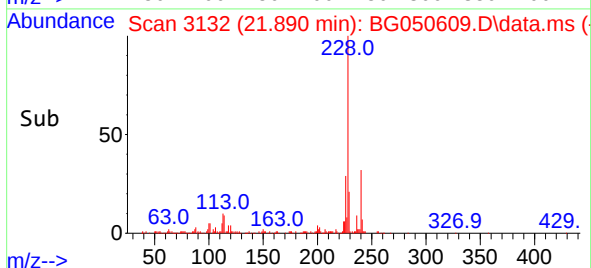
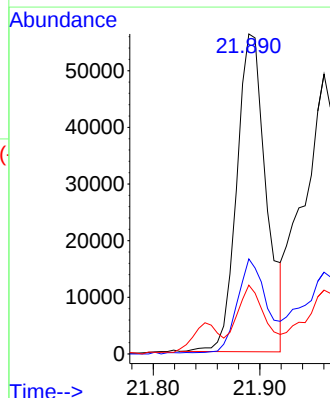
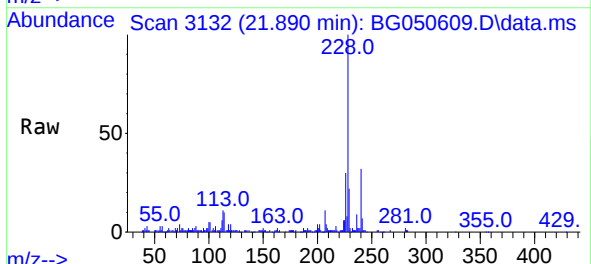
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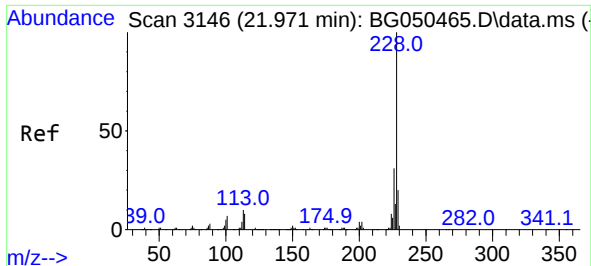
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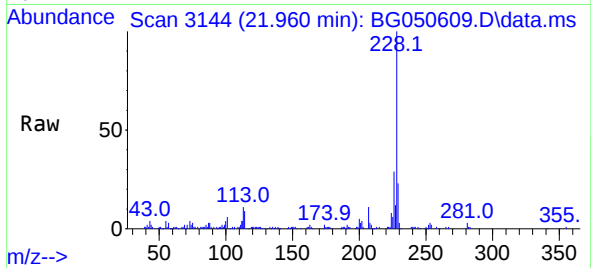
#81
 Benzo(a)anthracene
 Concen: 6.81 ng
 RT: 21.890 min Scan# 3132
 Delta R.T. -0.012 min
 Lab File: BG050609.D
 Acq: 15 Oct 2021 18:49

Tgt Ion:228 Resp: 107753
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.7 34.1
 229 21.5 16.0 24.0

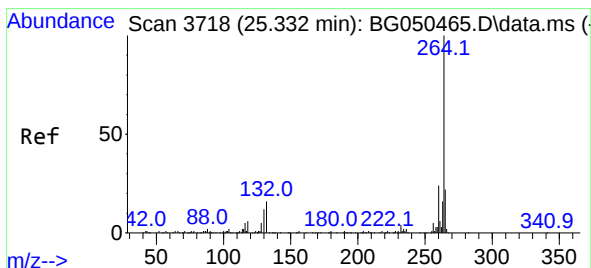
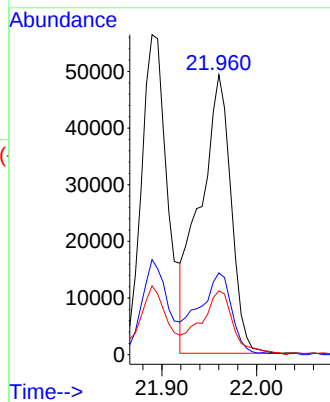
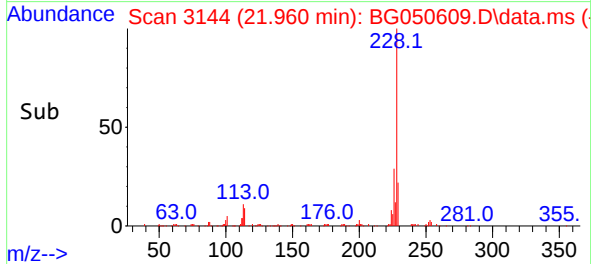




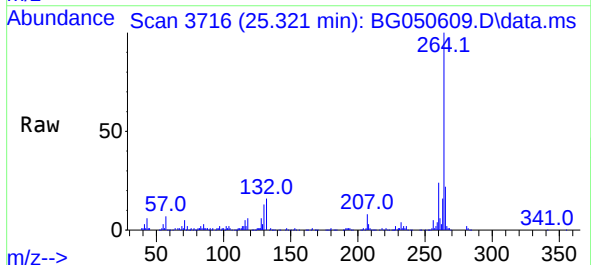
#83
Chrysene
Concen: 7.55 ng
RT: 21.960 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49



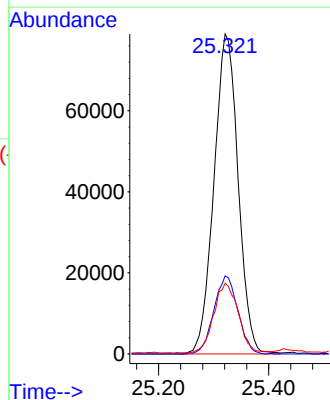
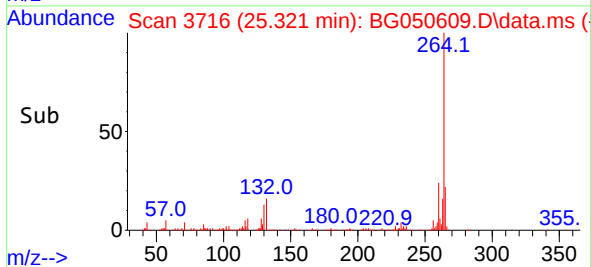
Tgt Ion:228 Resp: 112282
Ion Ratio Lower Upper
228 100
226 29.2 23.1 34.7
229 22.8 15.3 22.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.321 min Scan# 3716
Delta R.T. -0.012 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49



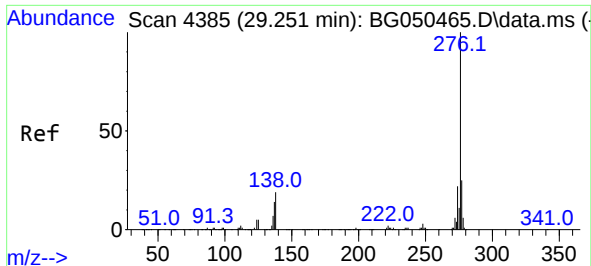
Tgt Ion:264 Resp: 240572
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 22.1 16.9 25.3



Instrument :
BNA_G
ClientSampleId :
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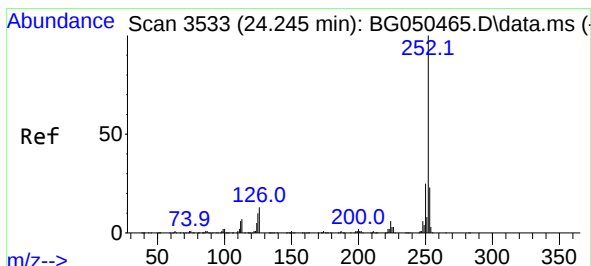
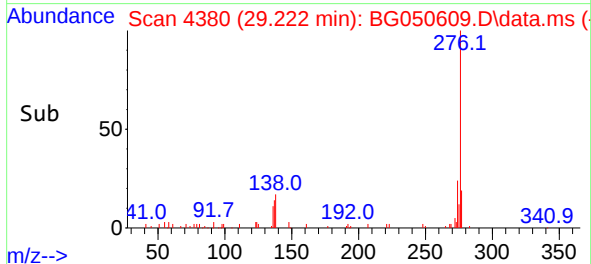
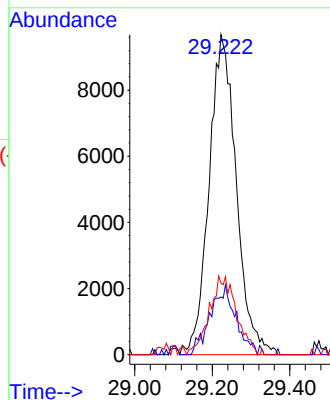
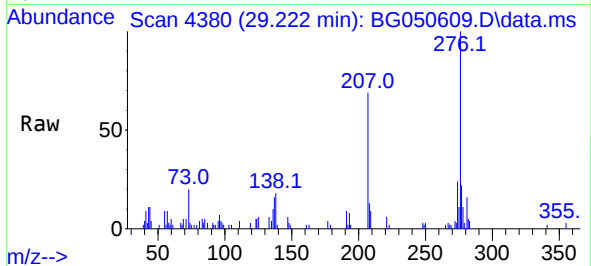
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.82 ng
RT: 29.222 min Scan# 4380
Delta R.T. -0.041 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

Tgt Ion: 276 Resp: 47206
Ion Ratio Lower Upper
276 100
138 20.4 5.1 7.7#
277 24.3 19.8 29.6

Instrument :
BNA_G
ClientSampleId :
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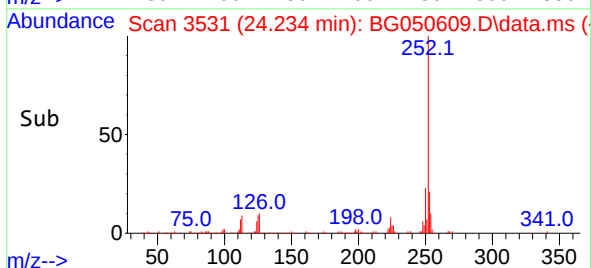
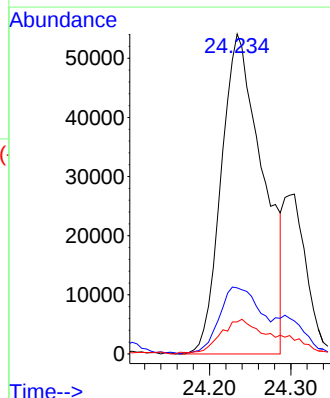
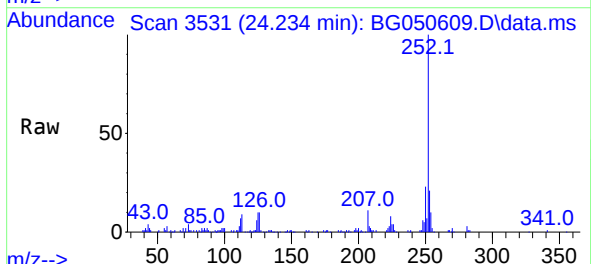
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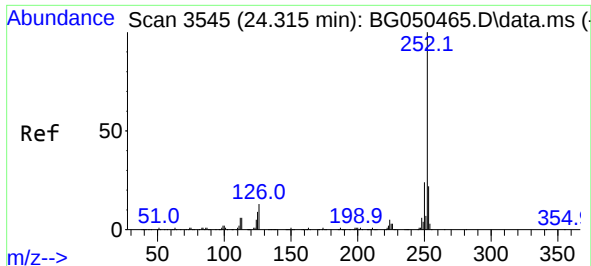
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#88
Benzo(b)fluoranthene
Concen: 13.03 ng
RT: 24.234 min Scan# 3531
Delta R.T. -0.012 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

Tgt Ion: 252 Resp: 191972
Ion Ratio Lower Upper
252 100
253 20.7 16.2 24.4
125 10.0 3.0 4.4#





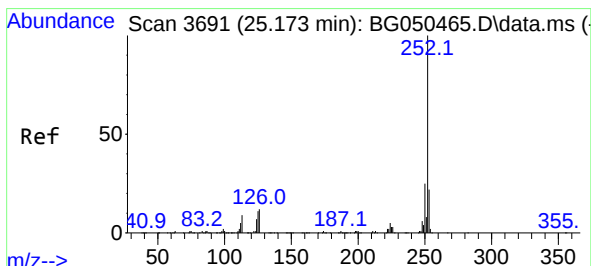
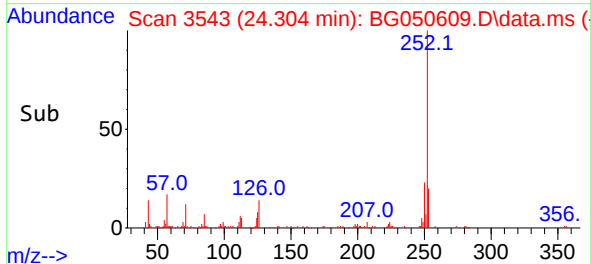
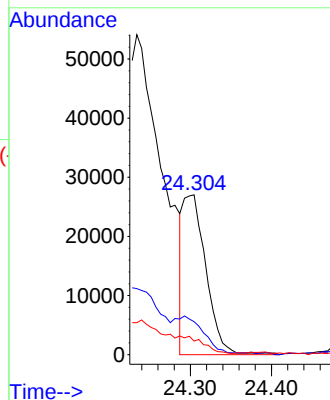
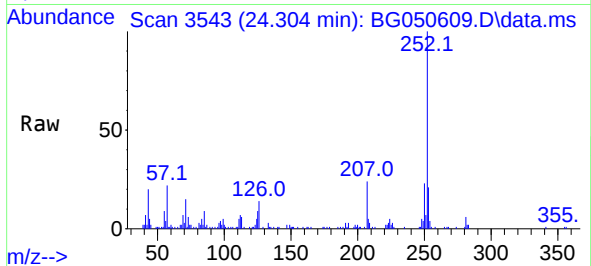
#89
Benzo(k)fluoranthene
Concen: 3.64 ng m
RT: 24.304 min Scan# 3543
Delta R.T. -0.012 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

Tgt Ion:252 Resp: 52813
Ion Ratio Lower Upper
252 100
253 20.6 18.0 27.0
125 8.5 3.1 4.7#

Instrument :
BNA_G
ClientSampleId :
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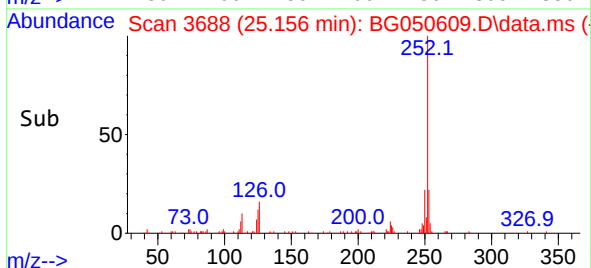
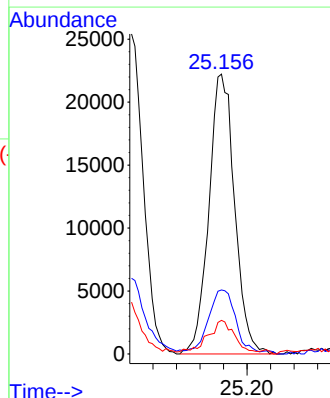
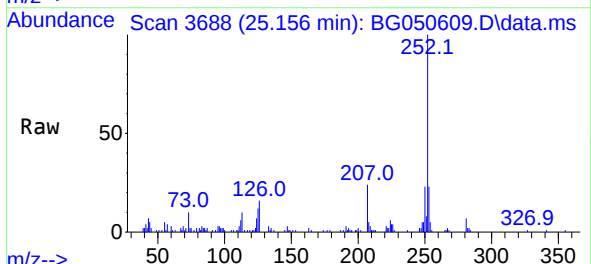
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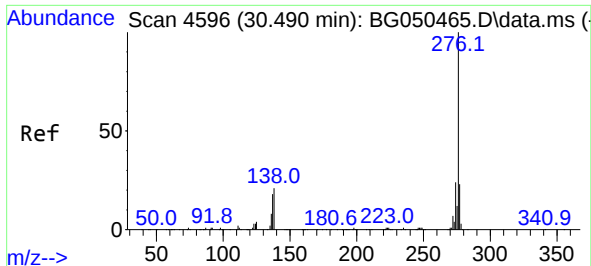
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#90
Benzo(a)pyrene
Concen: 5.39 ng
RT: 25.156 min Scan# 3688
Delta R.T. -0.017 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

Tgt Ion:252 Resp: 67514
Ion Ratio Lower Upper
252 100
253 22.9 16.6 25.0
125 12.0 3.5 5.3#





#92
Benzo(g,h,i)perylene
Concen: 2.55 ng
RT: 30.438 min Scan# 4587
Delta R.T. -0.059 min
Lab File: BG050609.D
Acq: 15 Oct 2021 18:49

Tgt Ion: 276 Resp: 34592
Ion Ratio Lower Upper
276 100
277 21.8 18.4 27.6
138 18.9 7.0 10.6#

Instrument :
BNA_G
ClientSampleId :
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