

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048957.D
 Acq On : 14 Jun 2021 20:14
 Operator : CG/JU
 Sample : M2678-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0241-AMND-COMP-F(CL-05)

Manual Integrations
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Quant Time: Jun 15 01:13:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	39796	20.00	ng	# 0.00
21) Naphthalene-d8	10.943	136	156361	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	116193	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	245917	20.00	ng	# 0.00
76) Chrysene-d12	21.807	240	232538	20.00	ng	-0.01
86) Perylene-d12	25.144	264	249852	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	7238	2.83	ng	0.01
7) Phenol-d6	7.282	99	70969	18.52	ng	0.02
23) Nitrobenzene-d5	9.286	82	362448	99.95	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.387	172	606165	73.70	ng	0.00
79) Terphenyl-d14	20.120	244	967192	76.17	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.553	178	68613	4.96	ng	96
72) Anthracene	17.641	178	31986	2.30	ng	98
75) Fluoranthene	19.562	202	254915	15.28	ng	98
78) Pyrene	19.921	202	220079	13.04	ng	96
81) Benzo(a)anthracene	21.783	228	151728	9.09	ng	98
83) Chrysene	21.848	228	123174m	7.69	ng	
84) Bis(2-ethylhexyl)phtha...	21.695	149	30928	3.41	ng	# 97
87) Indeno(1,2,3-cd)pyrene	28.951	276	68342	3.63	ng	99
88) Benzo(b)fluoranthene	24.080	252	156964	8.81	ng	# 90
89) Benzo(k)fluoranthene	24.139	252	50882m	3.01	ng	
90) Benzo(a)pyrene	24.979	252	119237	7.33	ng	# 96
92) Benzo(g,h,i)perylene	30.132	276	60500m	3.82	ng	

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

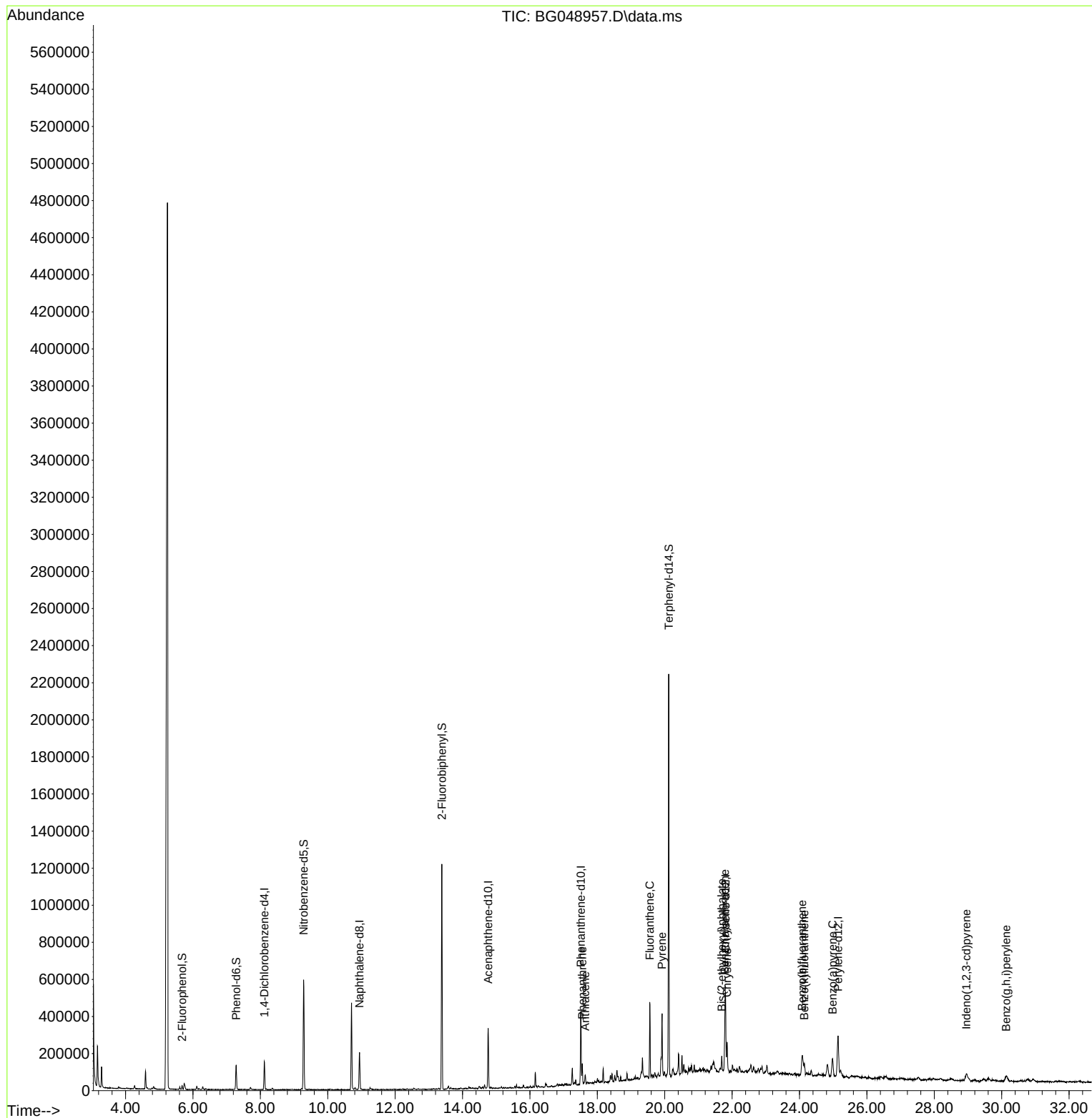
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Acq On : 14 Jun 2021 20:14
Operator : CG/JU
Sample : M2678-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

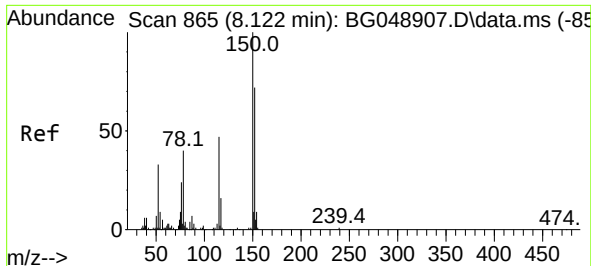
Instrument :
BNA_G
ClientSampleId :
0241-AMND-COMP-F(CL-05)

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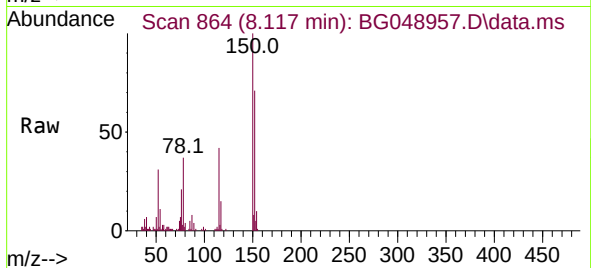
Quant Time: Jun 15 01:13:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.117 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

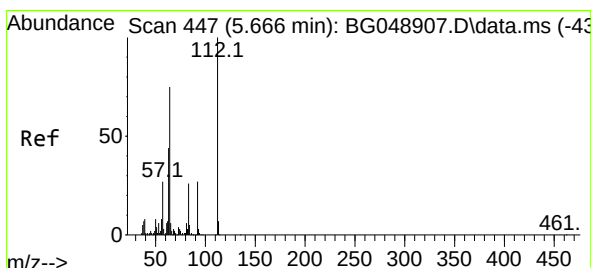
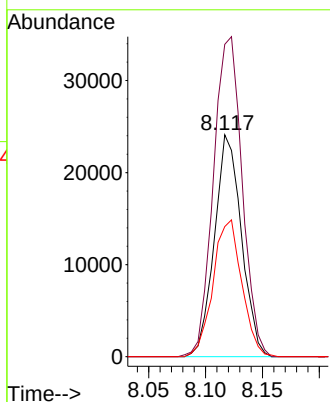
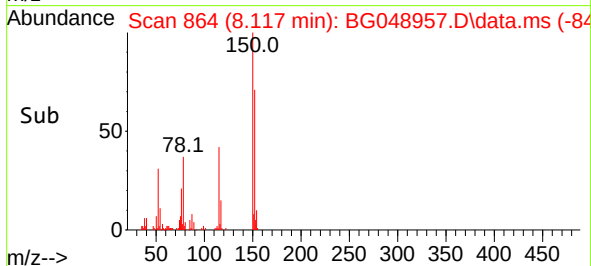
Instrument :
BNA_G
ClientSampleId :
0241-AMND-COMP-F(CL-05)



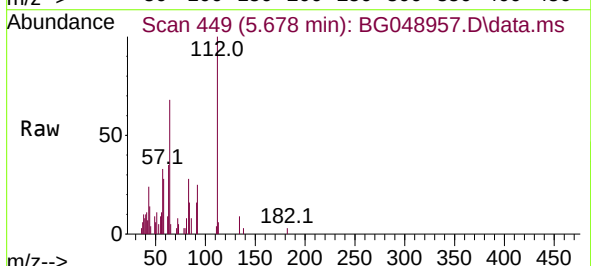
Tgt Ion:152 Resp: 39796
Ion Ratio Lower Upper
152 100
150 140.8 119.4 179.0
115 58.6 60.2 90.4#

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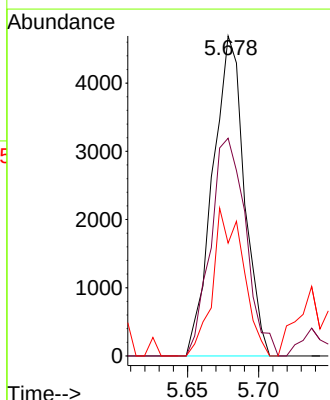
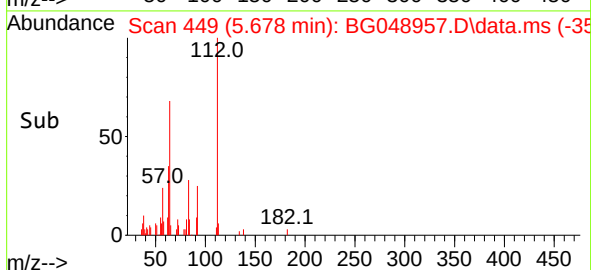
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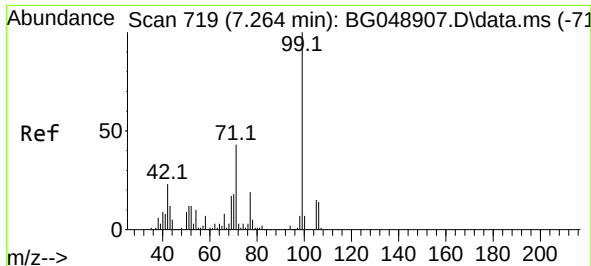


#5
2-Fluorophenol
Concen: 2.83 ng
RT: 5.678 min Scan# 449
Delta R.T. 0.012 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14



Tgt Ion:112 Resp: 7238
Ion Ratio Lower Upper
112 100
64 68.0 46.7 70.1
63 35.3 35.3 52.9#





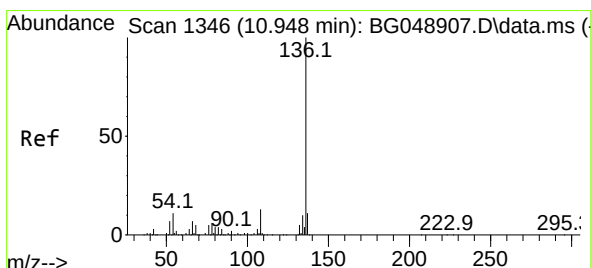
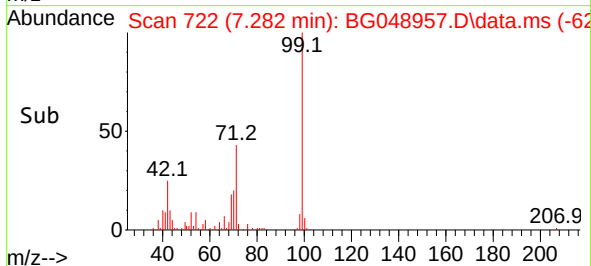
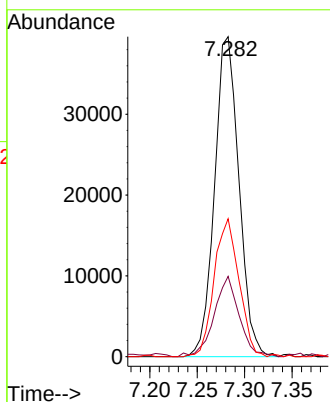
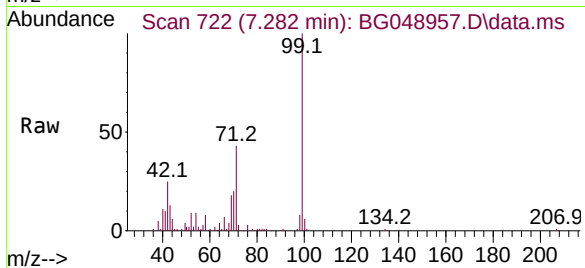
#7
Phenol-d6
Concen: 18.52 ng
RT: 7.282 min Scan# 722
Delta R.T. 0.018 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion:	99	Resp:	70969
Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.5	30.7
71	43.1	41.5	62.3

Instrument :
BNA_G
ClientSampleId :
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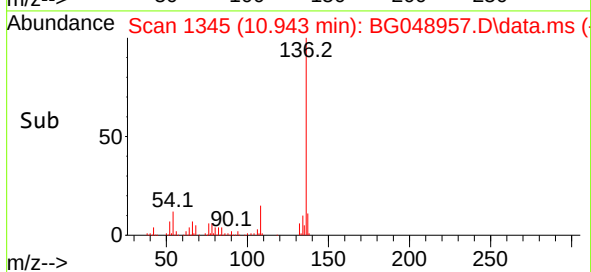
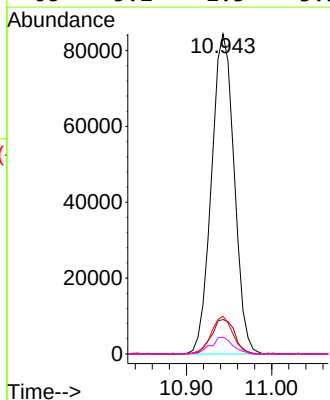
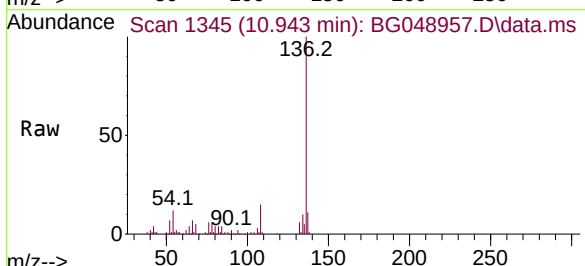
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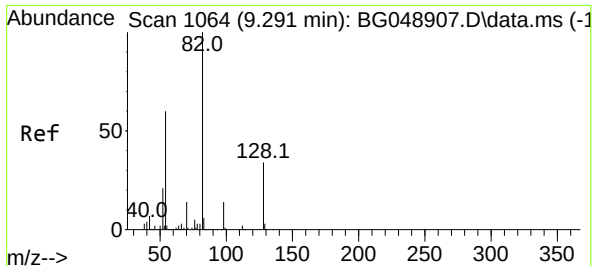
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion:	136	Resp:	156361
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	11.7	5.5	8.3#
68	5.2	2.3	3.5#





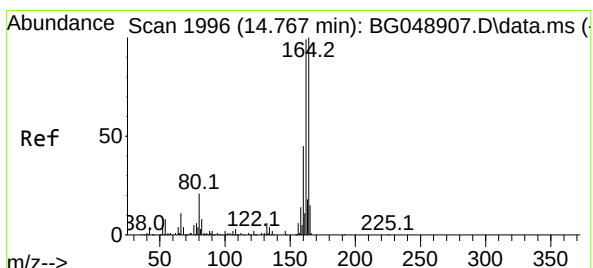
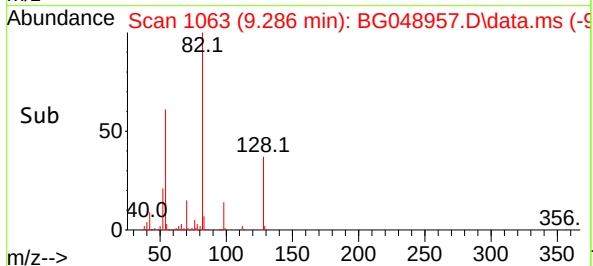
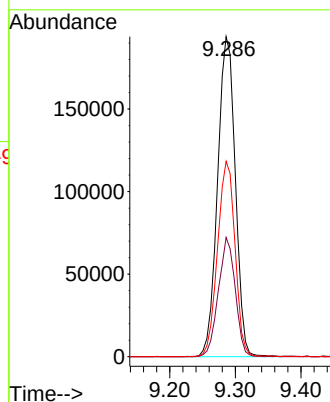
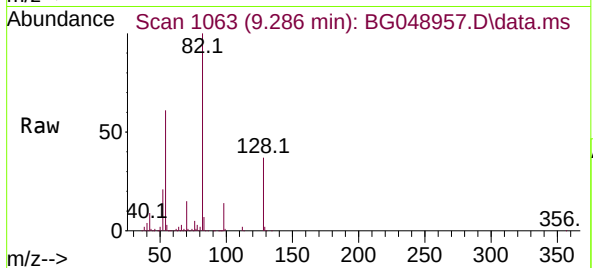
#23
Nitrobenzene-d5
Concen: 99.95 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion: 82 Resp: 362448
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 61.1 45.8 68.8

Instrument :
BNA_G
ClientSampleId :
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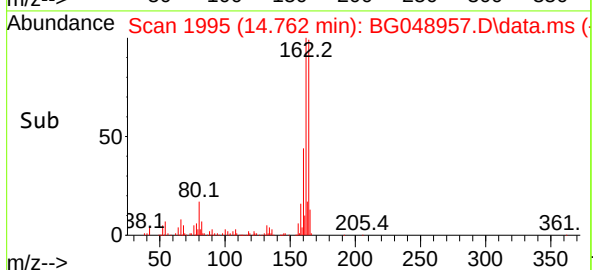
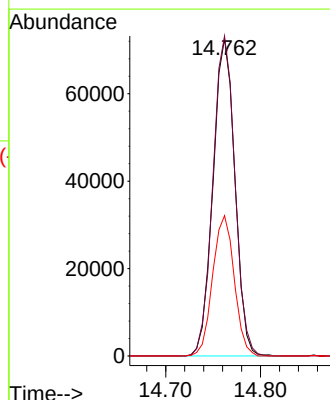
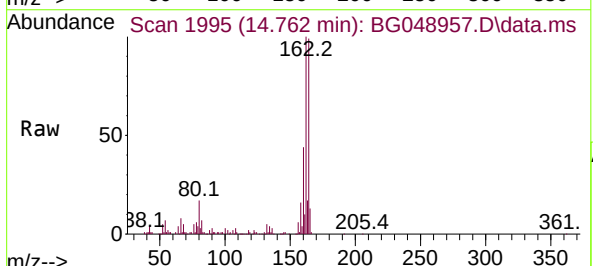
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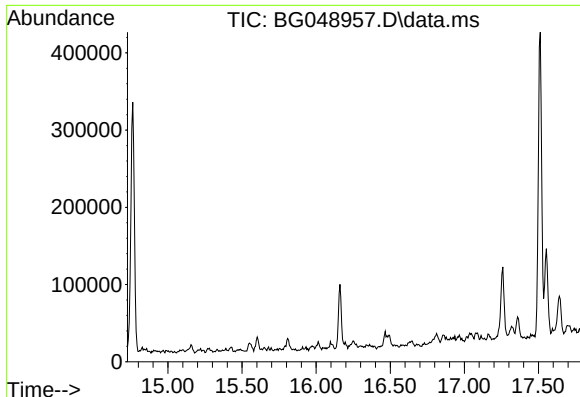
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion: 164 Resp: 116193
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 44.3 34.9 52.3





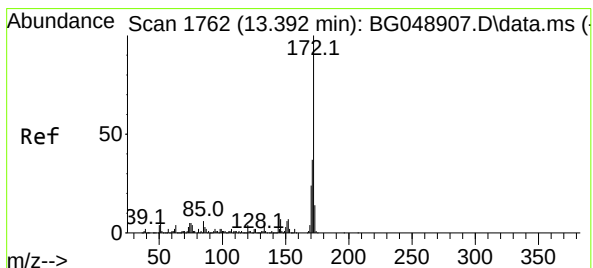
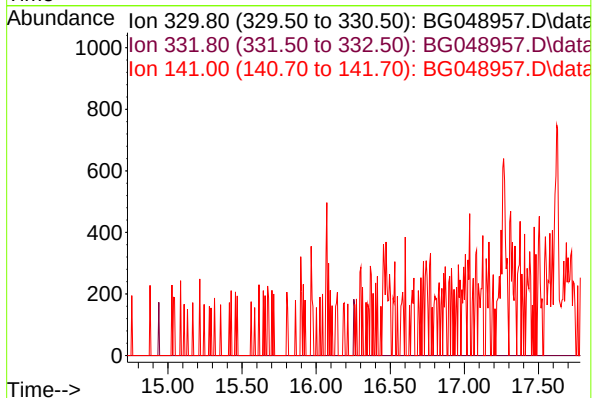
#42
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.25 min
 Lab File: BG048957.D
 Acq: 14 Jun 2021 20:14

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 44.5

Instrument :
 BNA_G
 ClientSampleId :
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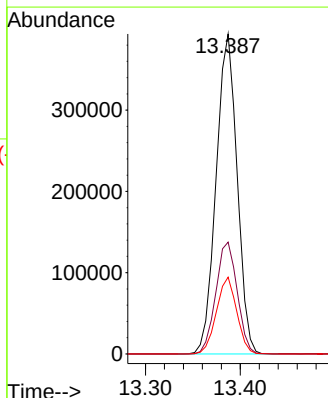
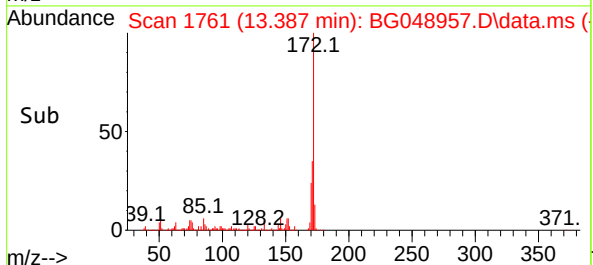
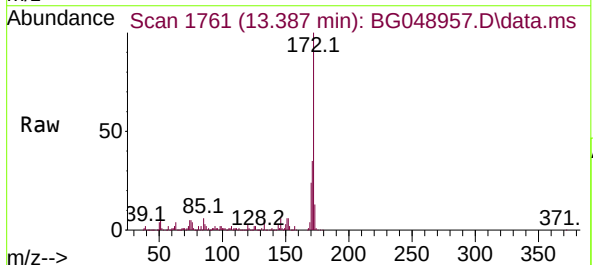
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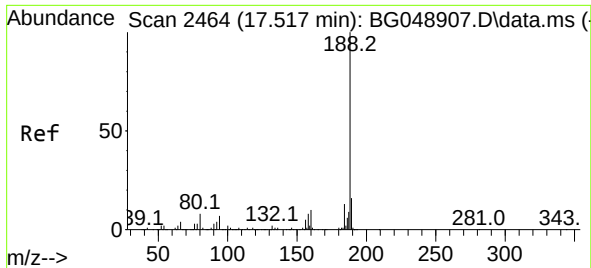
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#45
 2-Fluorobiphenyl
 Concen: 73.70 ng
 RT: 13.387 min Scan# 1761
 Delta R.T. -0.005 min
 Lab File: BG048957.D
 Acq: 14 Jun 2021 20:14

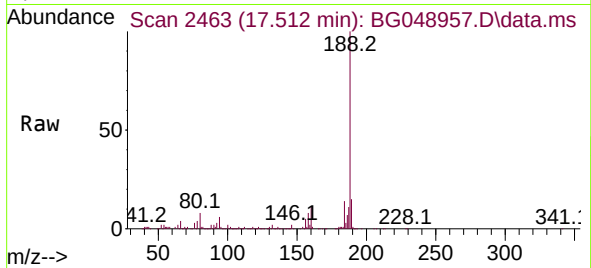
Tgt Ion: 172 Resp: 606165
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 24.0 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

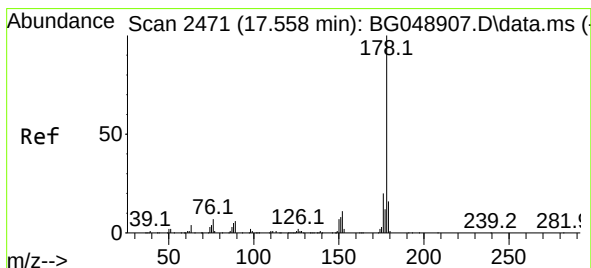
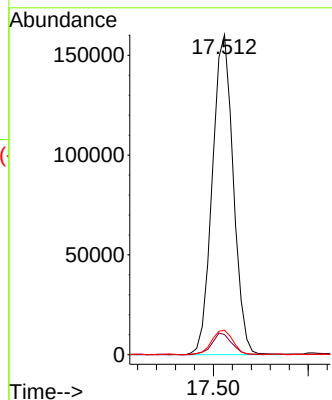
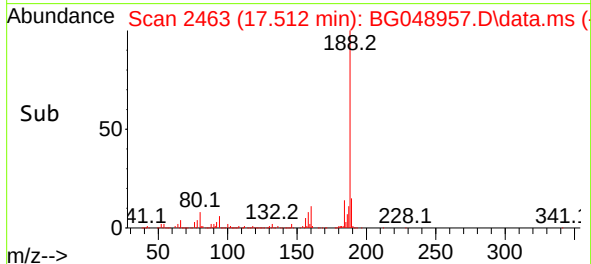
Instrument :
BNA_G
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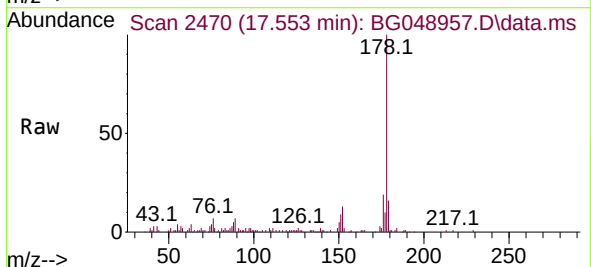
Tgt Ion:188 Resp: 245917
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 7.6 3.7 5.5#

Manual Integrations
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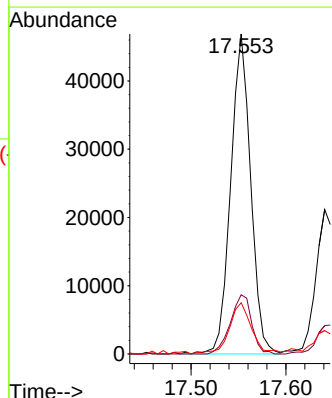
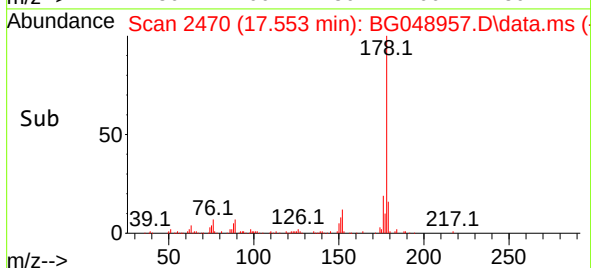
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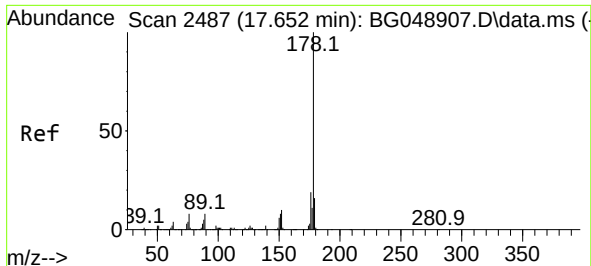


#71
Phenanthrene
Concen: 4.96 ng
RT: 17.553 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14



Tgt Ion:178 Resp: 68613
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 16.0 14.2 21.4





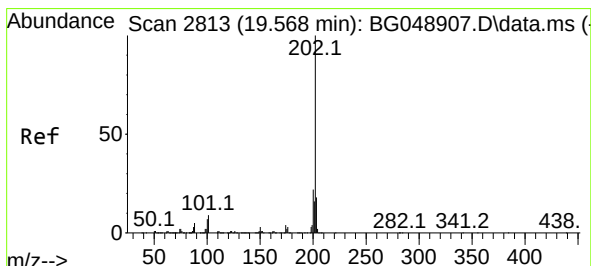
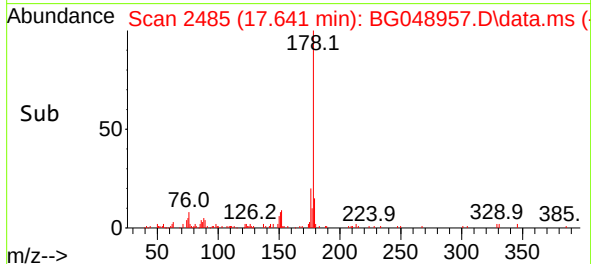
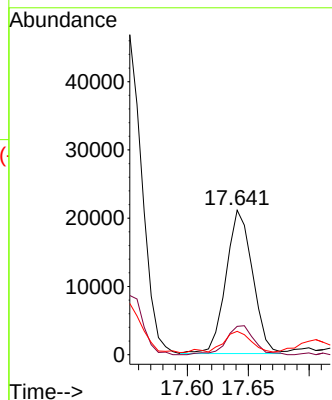
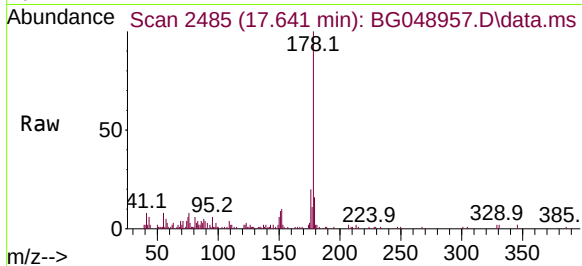
#72
 Anthracene
 Concen: 2.30 ng
 RT: 17.641 min Scan# 2485
 Delta R.T. -0.011 min
 Lab File: BG048957.D
 Acq: 14 Jun 2021 20:14

Tgt Ion:	178	Resp:	31986
Ion Ratio	Lower	Upper	
178	100		
176	19.5	14.6	21.8
179	16.2	13.4	20.0

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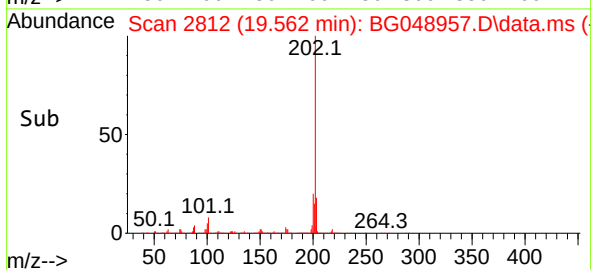
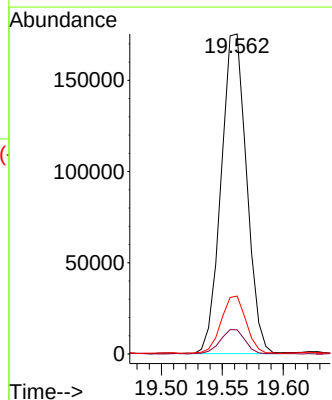
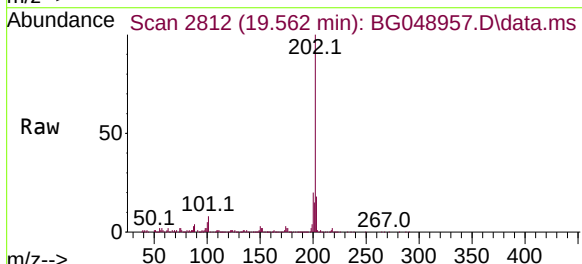
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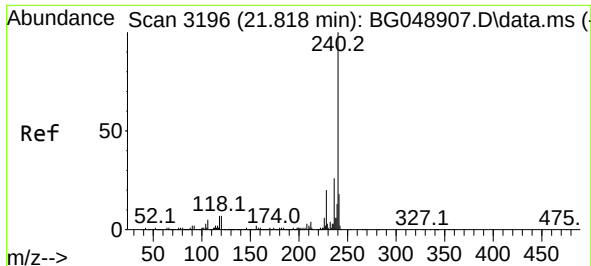
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#75
 Fluoranthene
 Concen: 15.28 ng
 RT: 19.562 min Scan# 2812
 Delta R.T. -0.005 min
 Lab File: BG048957.D
 Acq: 14 Jun 2021 20:14

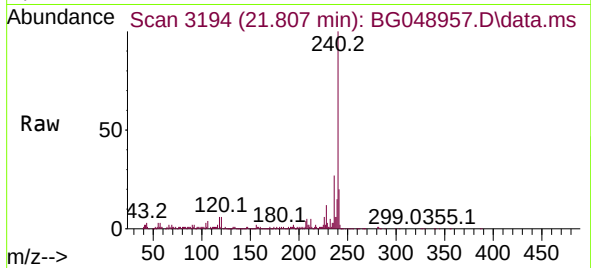
Tgt Ion:	202	Resp:	254915
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	24.7
203	18.1	0.0	38.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.807 min Scan# 3194
Delta R.T. -0.011 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

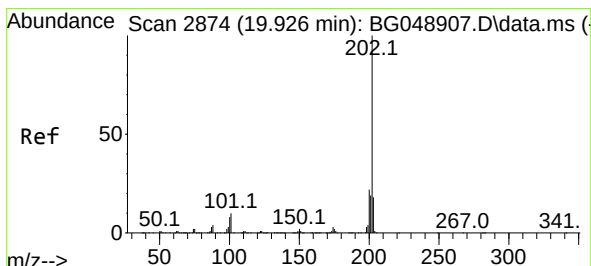
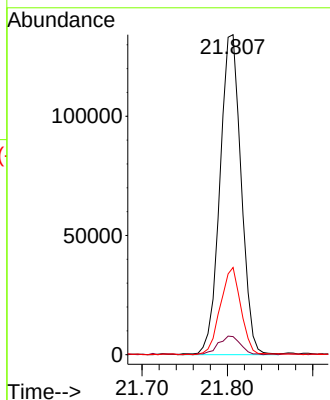
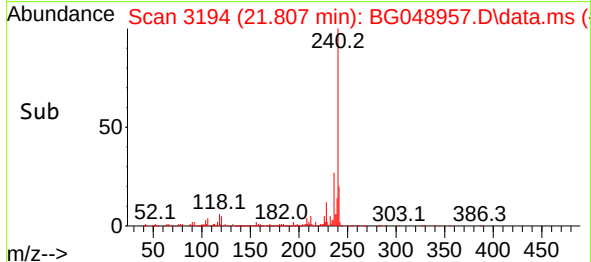
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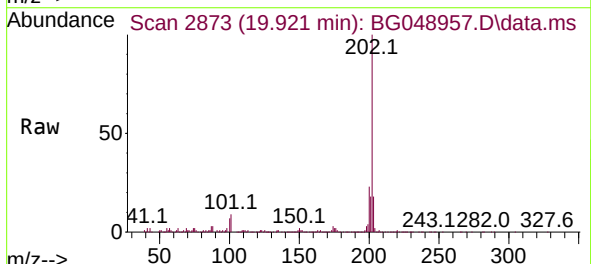
Tgt Ion:240 Resp: 232538
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 27.3 21.8 32.6

Manual Integrations
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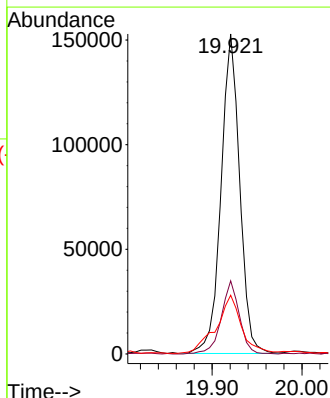
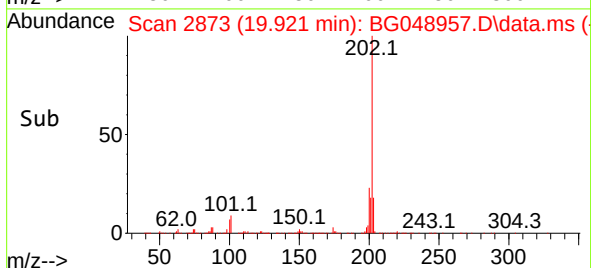
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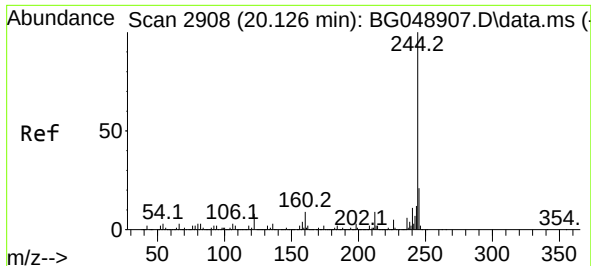


#78
Pyrene
Concen: 13.04 ng
RT: 19.921 min Scan# 2873
Delta R.T. -0.005 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14



Tgt Ion:202 Resp: 220079
Ion Ratio Lower Upper
202 100
200 22.9 15.8 23.8
203 18.3 14.6 21.8





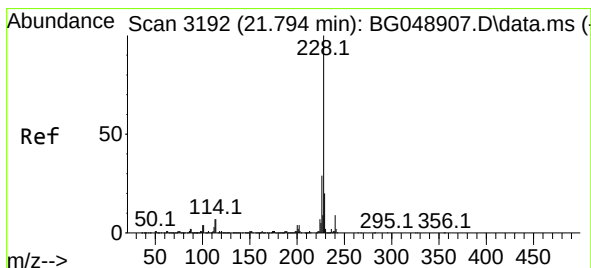
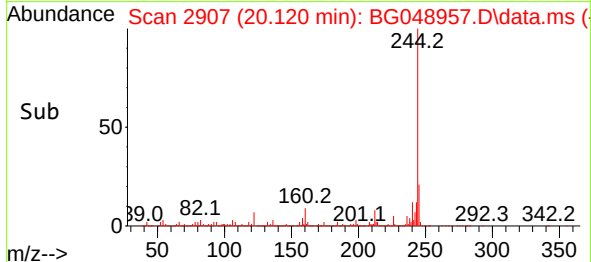
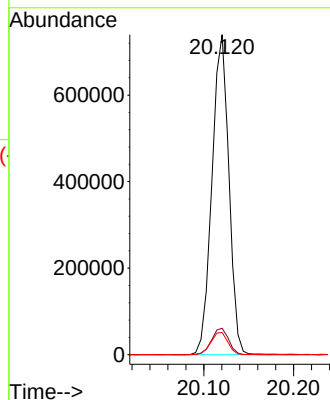
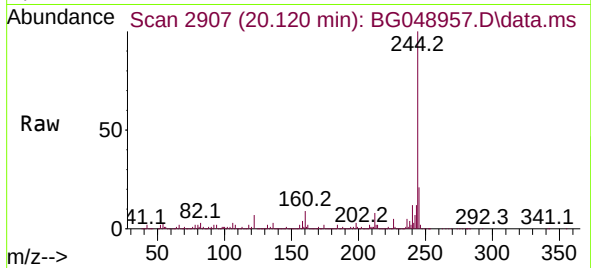
#79
Terphenyl-d14
Concen: 76.17 ng
RT: 20.120 min Scan# 2907
Delta R.T. -0.006 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion:244 Resp: 967192
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 7.0 5.0 7.6

Instrument :
BNA_G
ClientSampleId :
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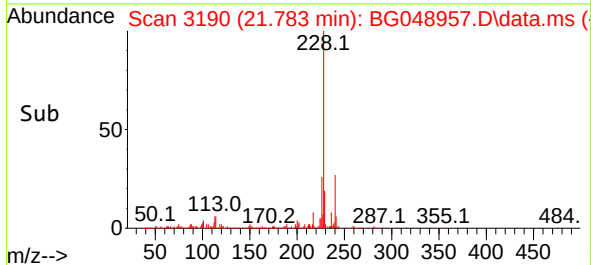
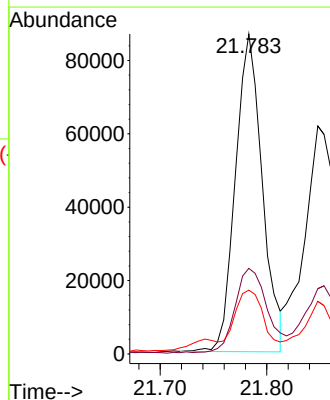
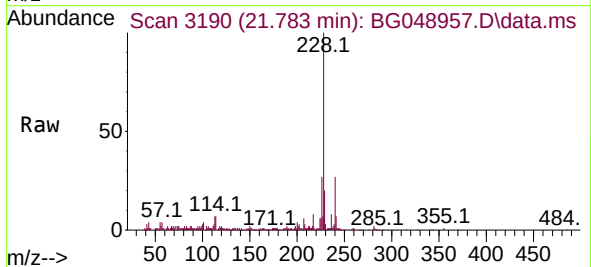
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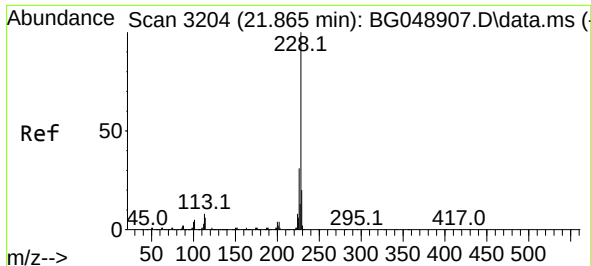
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#81
Benzo(a)anthracene
Concen: 9.09 ng
RT: 21.783 min Scan# 3190
Delta R.T. -0.011 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion:228 Resp: 151728
Ion Ratio Lower Upper
228 100
226 26.8 22.7 34.1
229 19.9 16.0 24.0





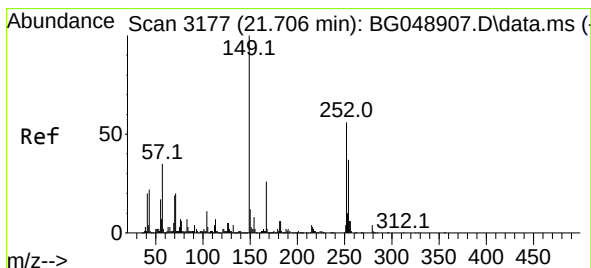
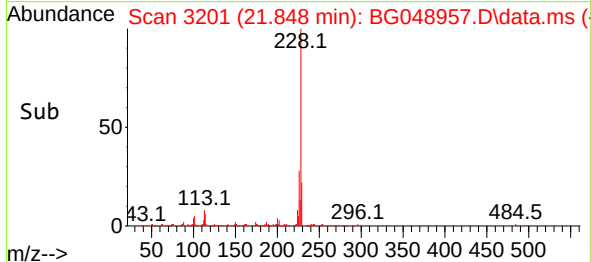
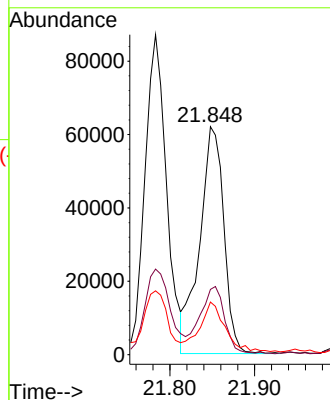
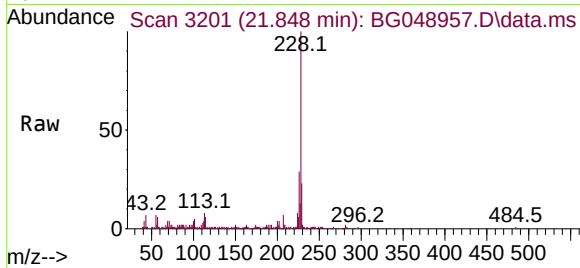
#83
Chrysene
Concen: 7.69 ng m
RT: 21.848 min Scan# 3201
Delta R.T. -0.017 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion:228 Resp: 123174
Ion Ratio Lower Upper
228 100
226 28.7 23.1 34.7
229 23.1 15.3 22.9#

Instrument :
BNA_G
ClientSampleId :
0241-AMND-COMP-F(CL-05)

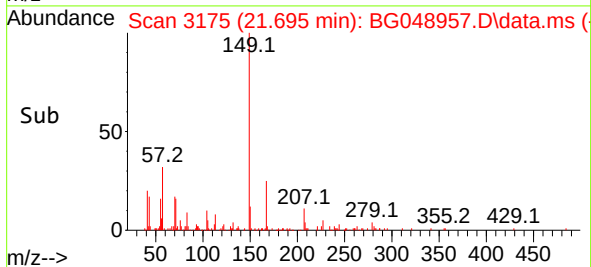
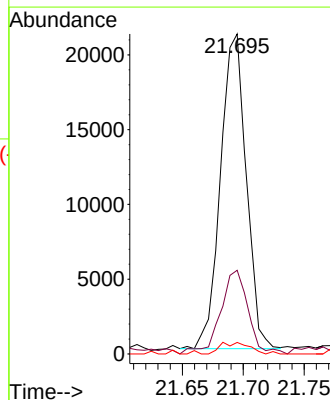
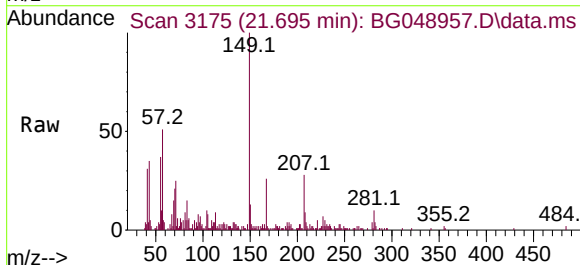
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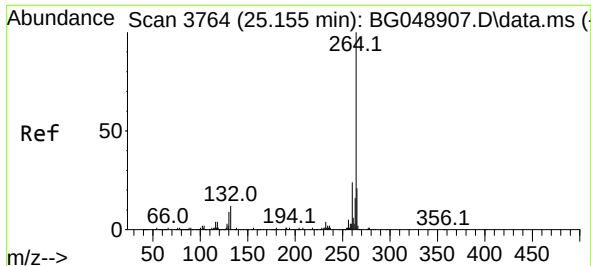
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.41 ng
RT: 21.695 min Scan# 3175
Delta R.T. -0.011 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion:149 Resp: 30928
Ion Ratio Lower Upper
149 100
167 26.1 22.3 33.5
279 3.6 3.8 5.8#





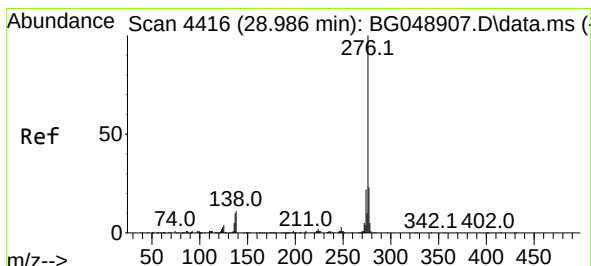
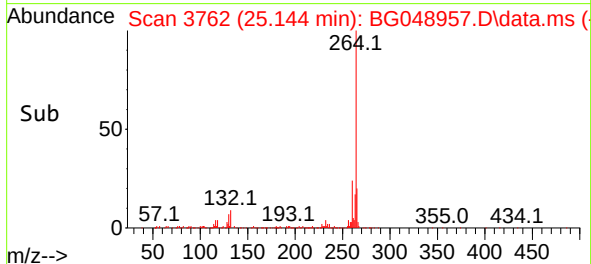
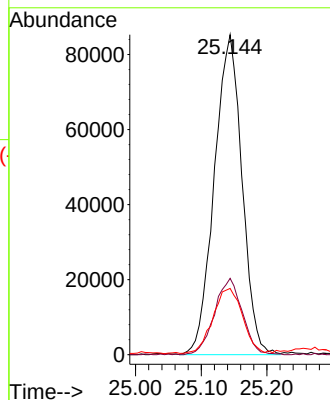
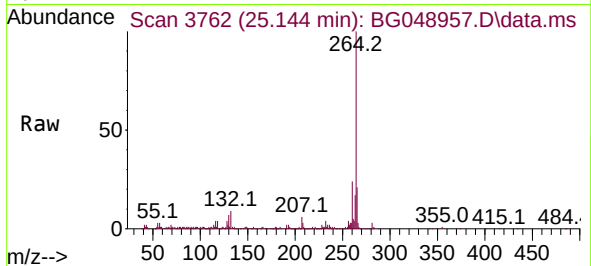
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.144 min Scan# 3762
Delta R.T. -0.011 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion:264 Resp: 249852
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 20.7 16.9 25.3

Instrument :
BNA_G
ClientSampleId :
0241-AMND-COMP-F(CL-05)

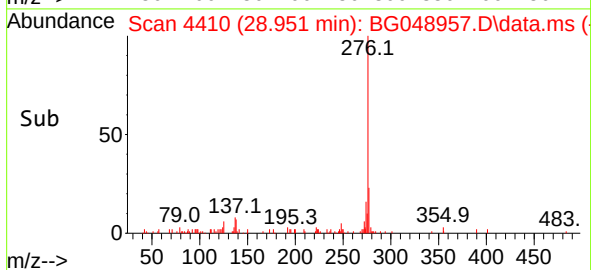
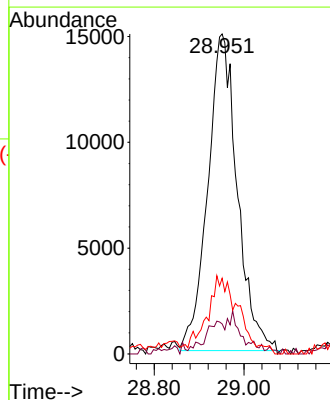
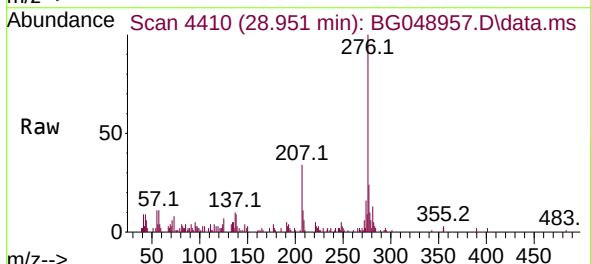
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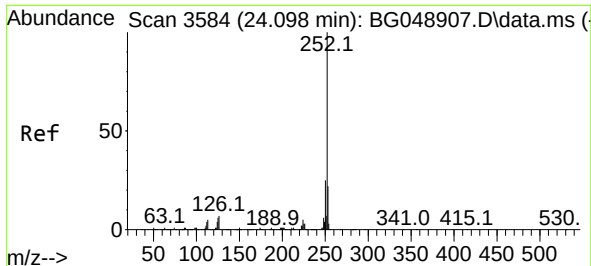
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.63 ng
RT: 28.951 min Scan# 4410
Delta R.T. -0.035 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

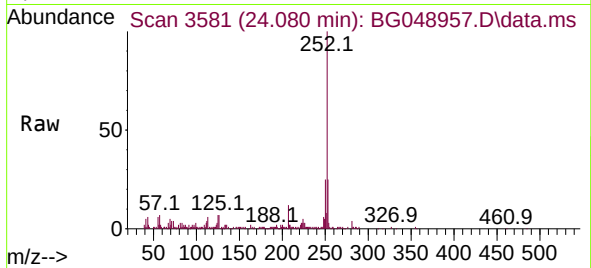
Tgt Ion:276 Resp: 68342
Ion Ratio Lower Upper
276 100
138 5.6 5.1 7.7
277 25.1 19.8 29.6





#88
Benzo(b)fluoranthene
Concen: 8.81 ng
RT: 24.080 min Scan# 3581
Delta R.T. -0.017 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

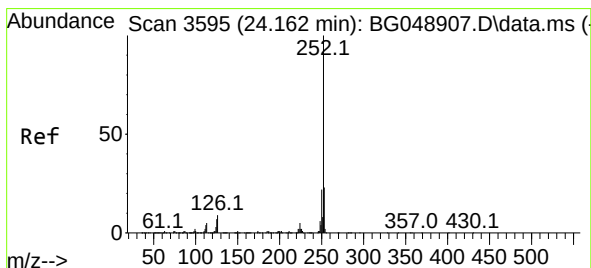
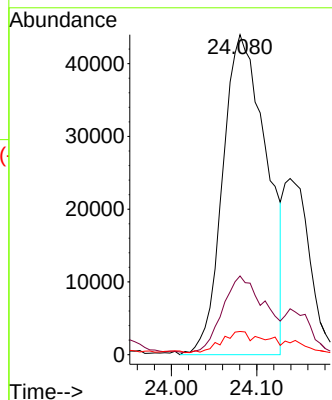
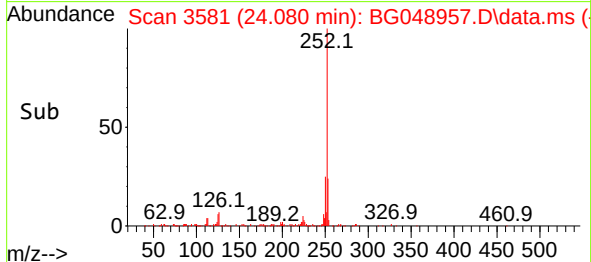
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:252 Resp: 156964
Ion Ratio Lower Upper
252 100
253 24.6 16.2 24.4#
125 7.3 3.0 4.4#

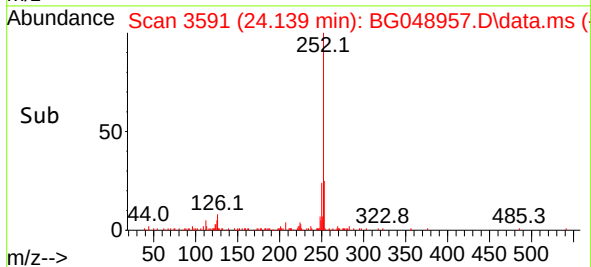
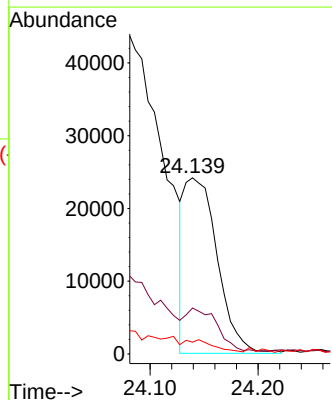
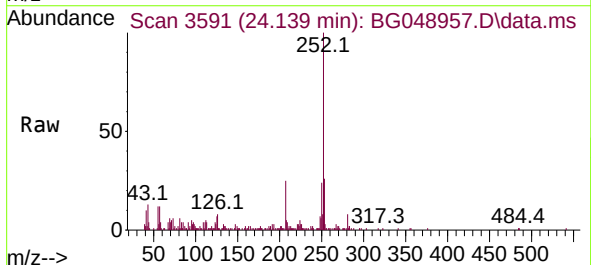
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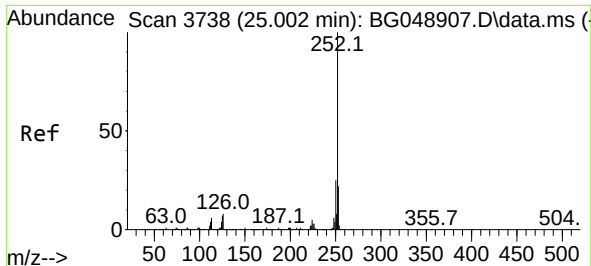
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#89
Benzo(k)fluoranthene
Concen: 3.01 ng m
RT: 24.139 min Scan# 3591
Delta R.T. -0.023 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion:252 Resp: 50882
Ion Ratio Lower Upper
252 100
253 26.1 18.0 27.0
125 6.7 3.1 4.7#





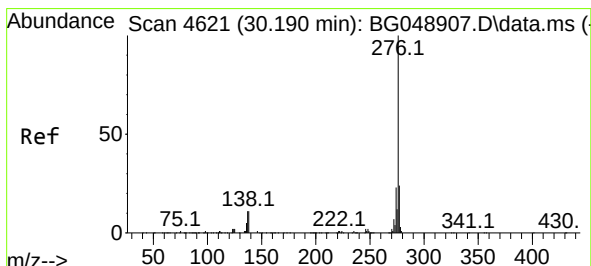
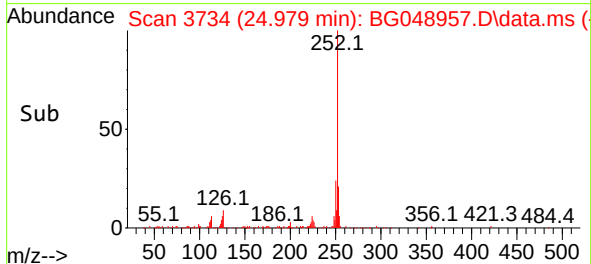
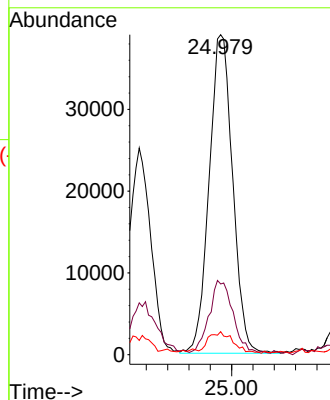
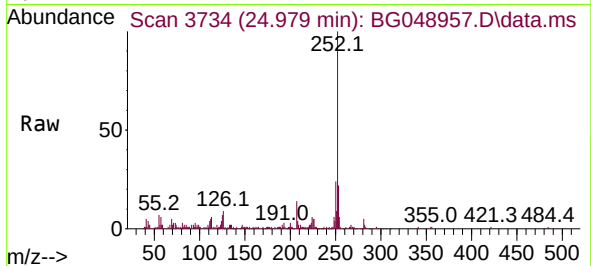
#90
Benzo(a)pyrene
Concen: 7.33 ng
RT: 24.979 min Scan# 3734
Delta R.T. -0.023 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion:252 Resp: 119237
Ion Ratio Lower Upper
252 100
253 22.1 16.6 25.0
125 7.2 3.5 5.3#

Instrument :
BNA_G
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 3.82 ng m
RT: 30.132 min Scan# 4611
Delta R.T. -0.058 min
Lab File: BG048957.D
Acq: 14 Jun 2021 20:14

Tgt Ion:276 Resp: 60500
Ion Ratio Lower Upper
276 100
277 18.6 18.4 27.6
138 10.1 7.0 10.6

