

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048955.D
 Acq On : 14 Jun 2021 18:52
 Operator : CG/JU
 Sample : M2678-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0239-AMND-COMP-D(CL-01A)

Manual Integrations
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Quant Time: Jun 15 01:13:26 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	38812	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	159224	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	112992	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	248529	20.00	ng	# 0.00
76) Chrysene-d12	21.807	240	236770	20.00	ng	-0.01
86) Perylene-d12	25.138	264	248838	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	4198	1.68	ng	0.01
7) Phenol-d6	7.283	99	48358	12.94	ng	0.02
23) Nitrobenzene-d5	9.286	82	270198	73.17	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	106	0.06	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	338544	42.33	ng	0.00
79) Terphenyl-d14	20.120	244	574269	44.42	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.556	202	60197	3.57	ng	97
78) Pyrene	19.921	202	56504	3.29	ng	98
81) Benzo(a)anthracene	21.783	228	48599m	2.86	ng	
83) Chrysene	21.848	228	36737	2.25	ng	# 96
84) Bis(2-ethylhexyl)phtha...	21.695	149	25749	2.79	ng	96
88) Benzo(b)fluoranthene	24.086	252	45459	2.56	ng	# 89
90) Benzo(a)pyrene	24.985	252	36789	2.27	ng	# 97

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

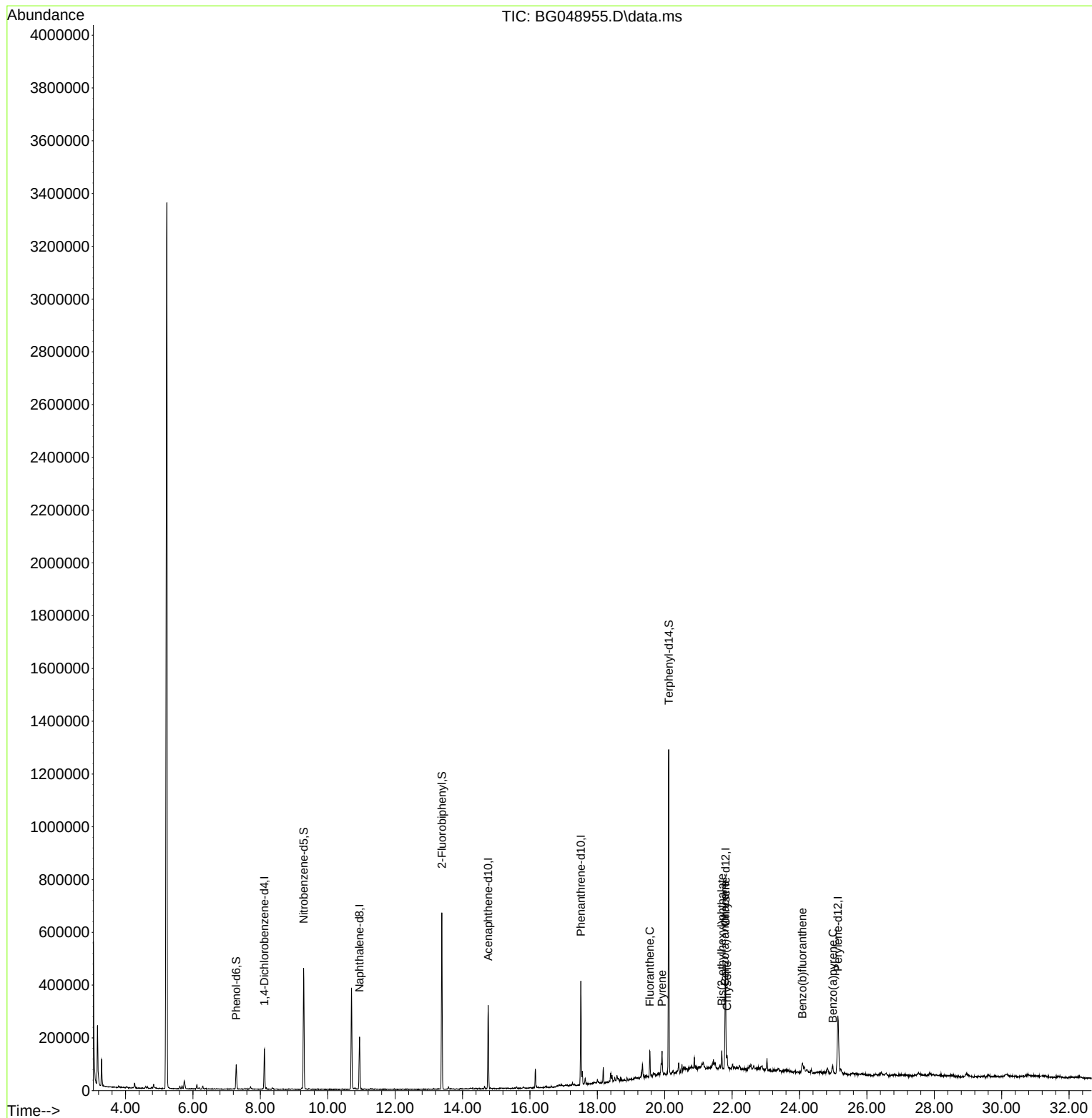
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Data File : BG048955.D
Acq On : 14 Jun 2021 18:52
Operator : CG/JU
Sample : M2678-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

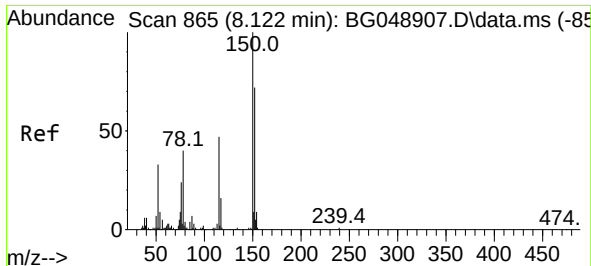
Instrument :
BNA_G
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

Manual Integrations
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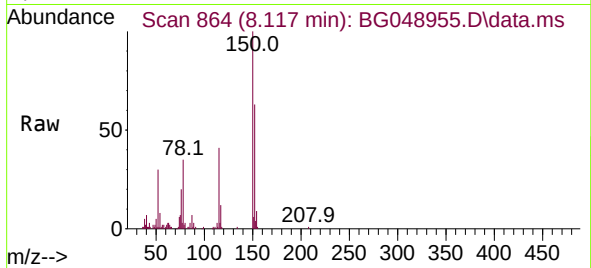
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Quant Time: Jun 15 01:13:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

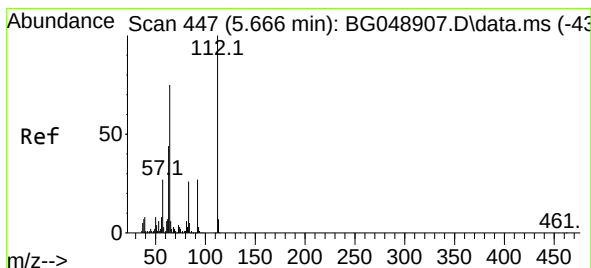
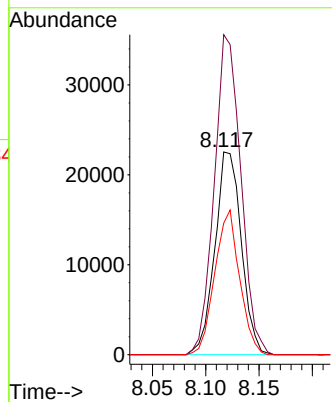
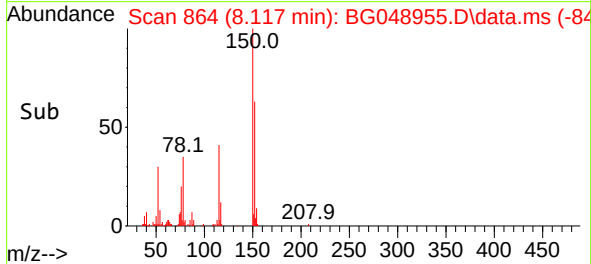




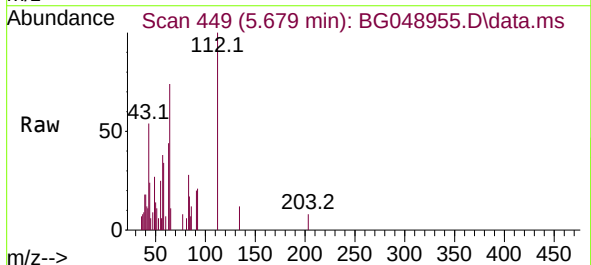
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.117 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52



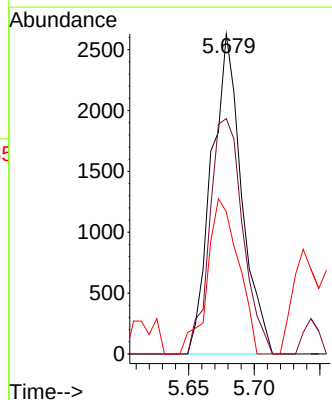
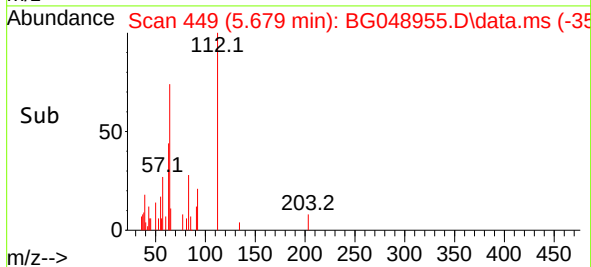
Tgt Ion:152 Resp: 38812
Ion Ratio Lower Upper
152 100
150 157.8 119.4 179.0
115 64.9 60.2 90.4



#5
2-Fluorophenol
Concen: 1.68 ng
RT: 5.679 min Scan# 449
Delta R.T. 0.013 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52



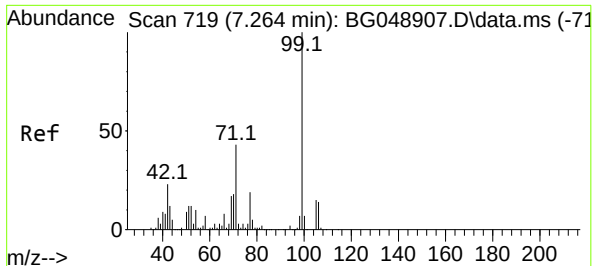
Tgt Ion:112 Resp: 4198
Ion Ratio Lower Upper
112 100
64 73.5 46.7 70.1#
63 44.5 35.3 52.9



Instrument :
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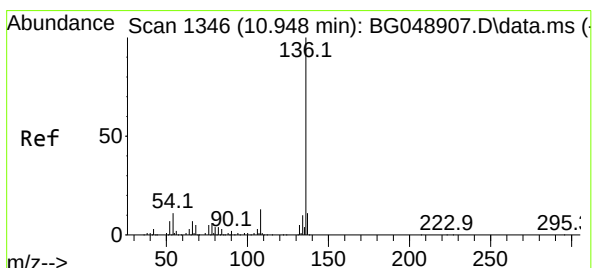
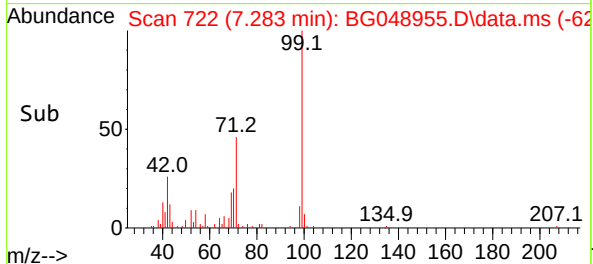
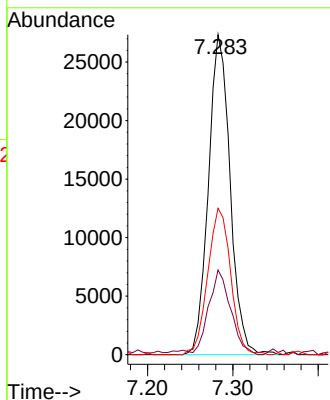
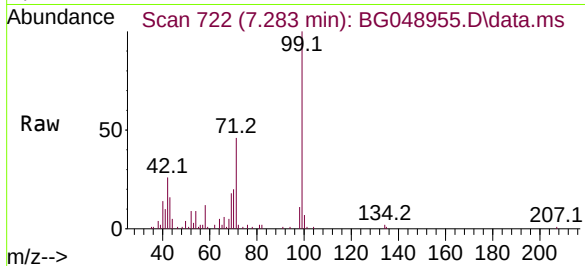
#7
Phenol-d6
Concen: 12.94 ng
RT: 7.283 min Scan# 722
Delta R.T. 0.019 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:	99	Resp:	48358
Ion	Ratio	Lower	Upper
99	100		
42	26.5	20.5	30.7
71	45.7	41.5	62.3

Instrument :
BNA_G
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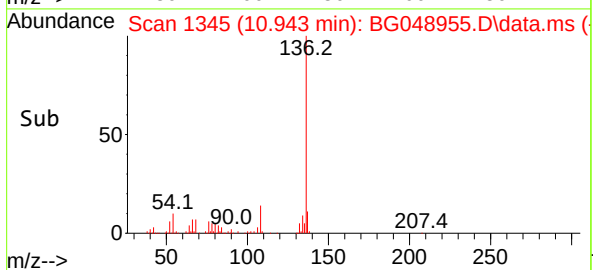
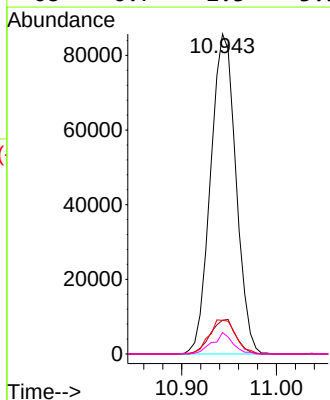
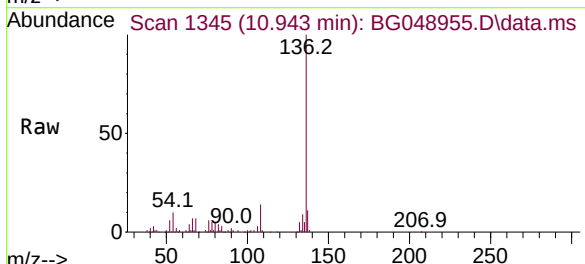
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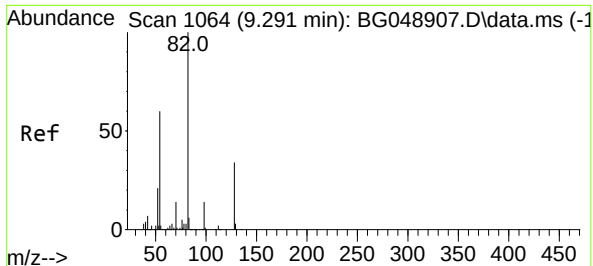
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:	136	Resp:	159224
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	10.5	5.5	8.3#
68	6.7	2.3	3.5#





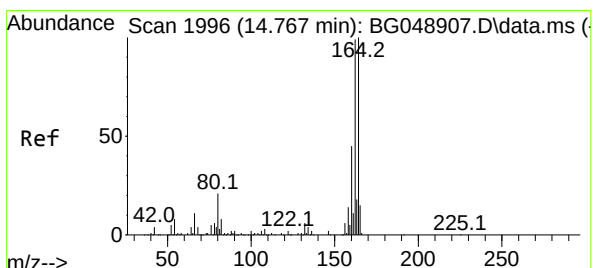
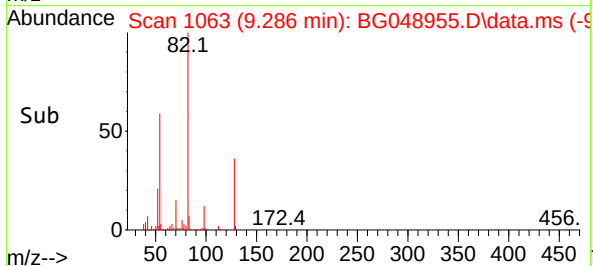
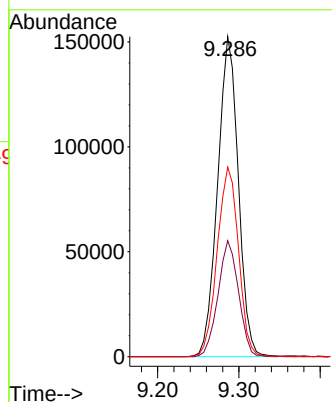
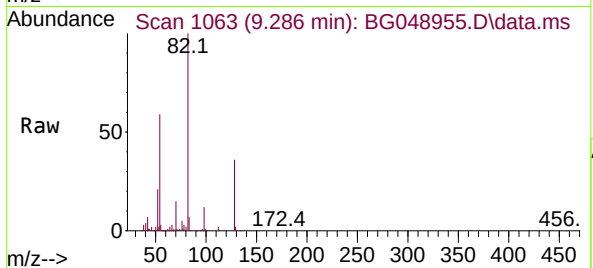
#23
Nitrobenzene-d5
Concen: 73.17 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion: 82 Resp: 270198
Ion Ratio Lower Upper
82 100
128 36.3 29.8 44.6
54 59.3 45.8 68.8

Instrument :
BNA_G
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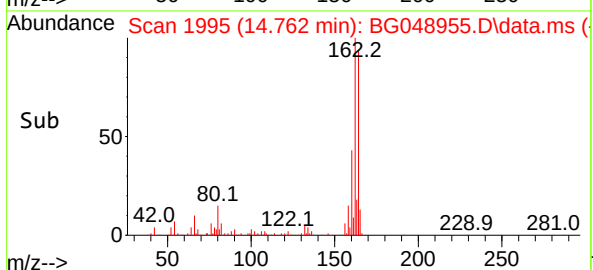
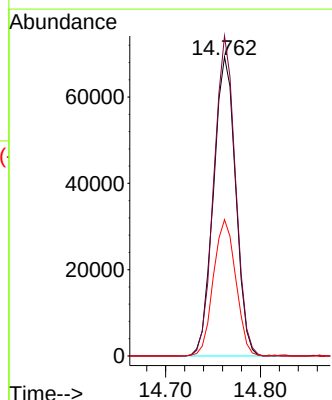
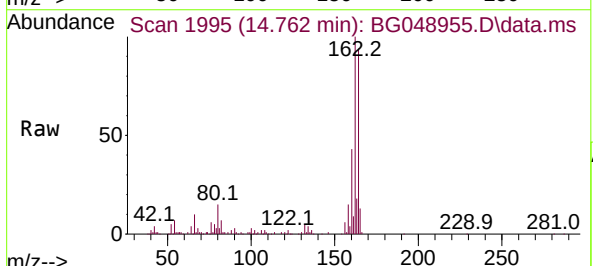
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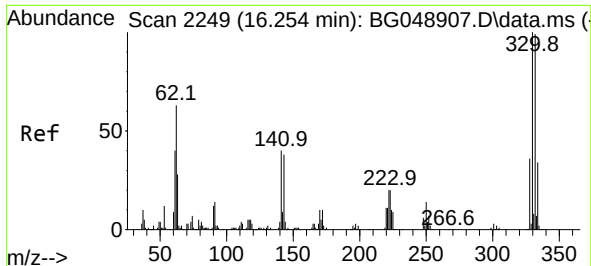
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:164 Resp: 112992
Ion Ratio Lower Upper
164 100
162 106.9 81.4 122.0
160 45.6 34.9 52.3





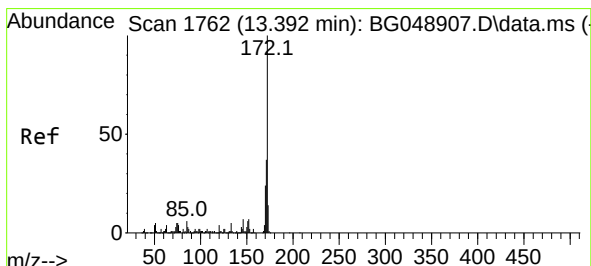
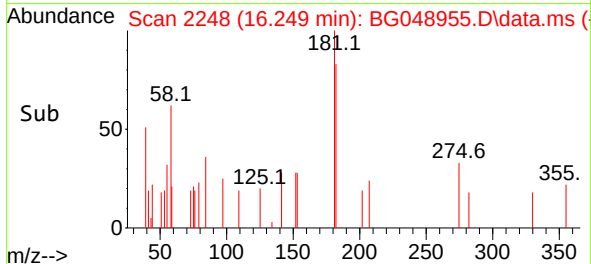
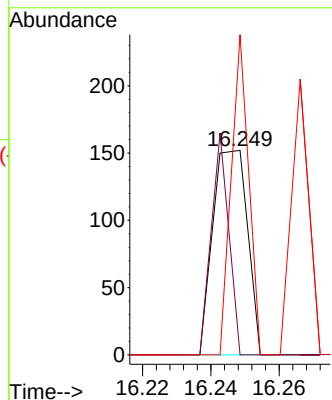
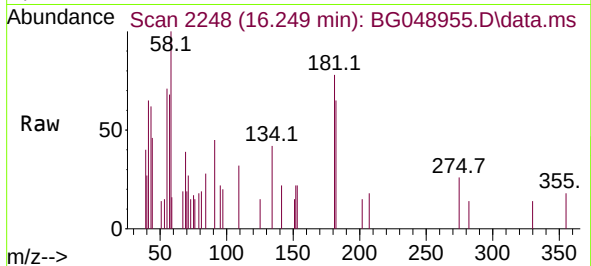
#42
2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:330 Resp: 106
Ion Ratio Lower Upper
330 100
332 54.7 77.3 115.9#
141 79.2 35.6 53.4#

Instrument :
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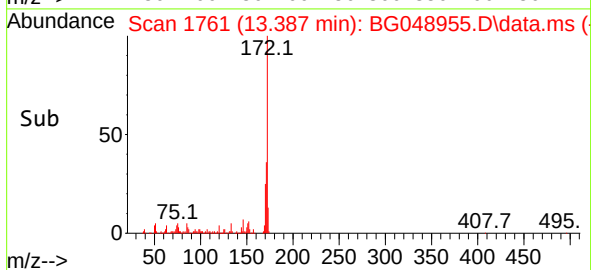
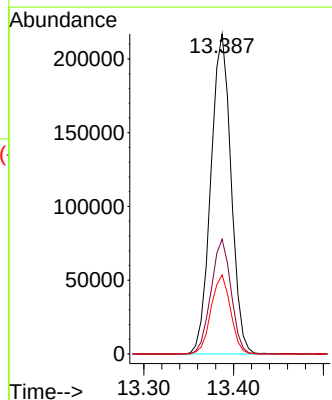
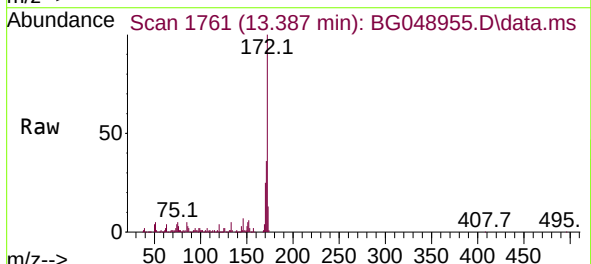
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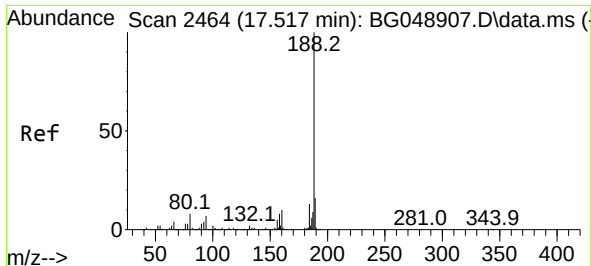
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#45
2-Fluorobiphenyl
Concen: 42.33 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:172 Resp: 338544
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.7 18.6 27.8





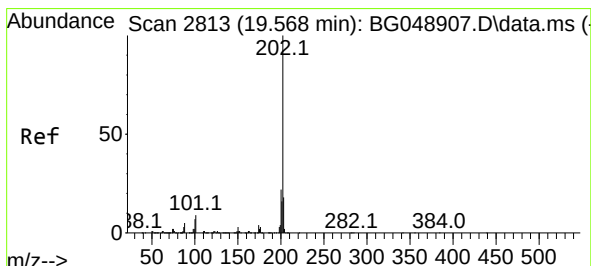
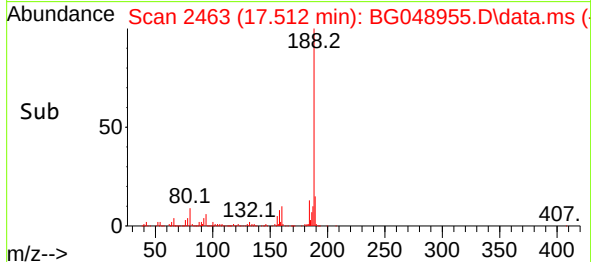
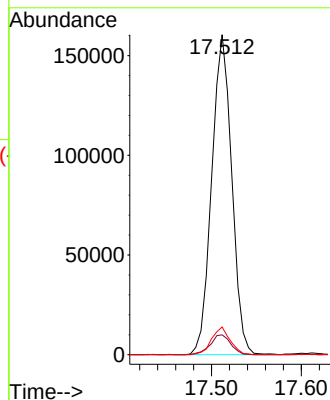
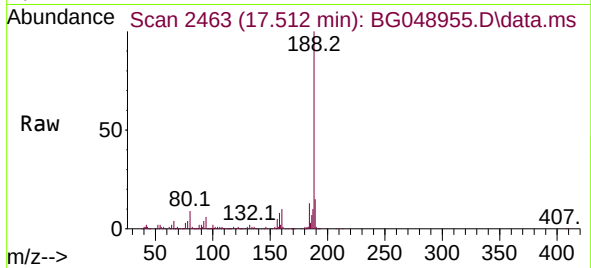
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:188 Resp: 248529
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 8.6 3.7 5.5#

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BNA_G
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0239-AMND-COMP-D(CL-01A)

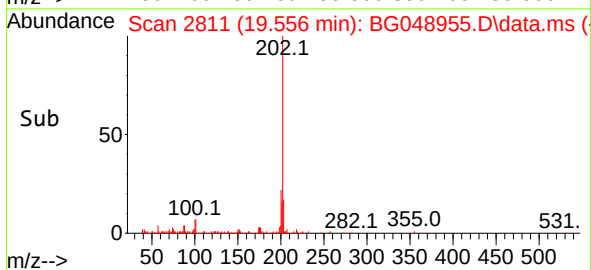
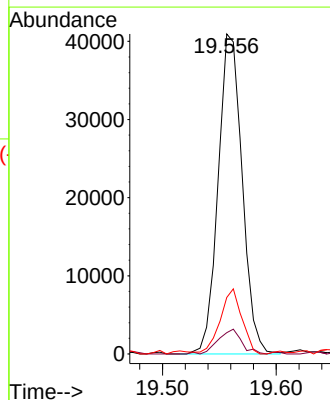
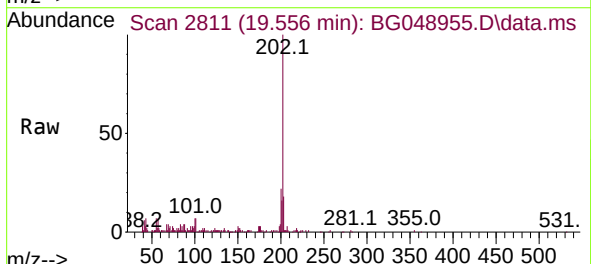
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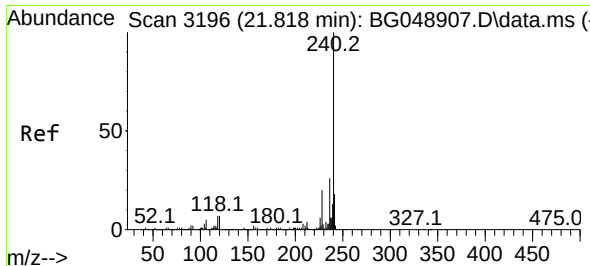
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#75
Fluoranthene
Concen: 3.57 ng
RT: 19.556 min Scan# 2811
Delta R.T. -0.011 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:202 Resp: 60197
Ion Ratio Lower Upper
202 100
101 6.6 0.0 24.7
203 17.6 0.0 38.5





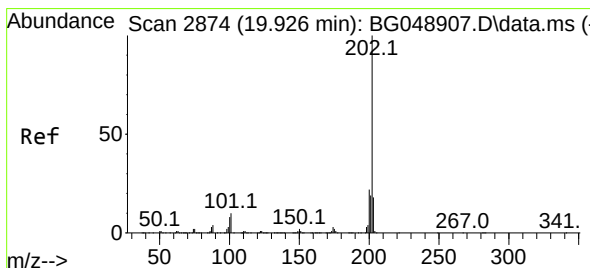
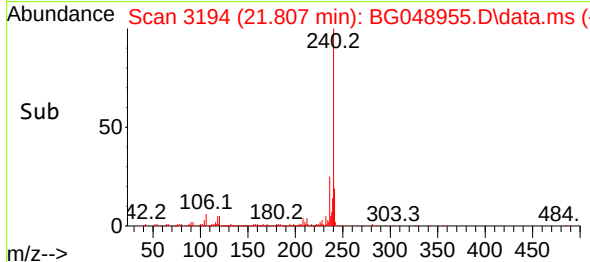
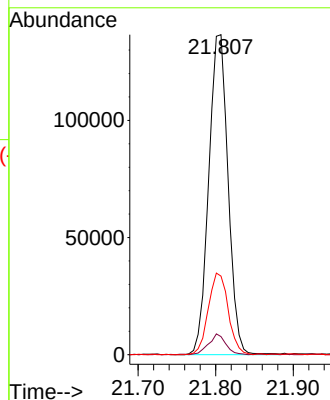
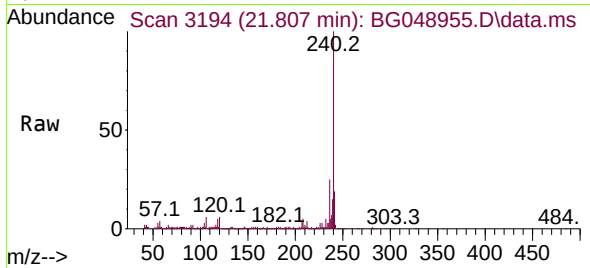
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.807 min Scan# 3194
Delta R.T. -0.011 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:240 Resp: 236770
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 24.5 21.8 32.6

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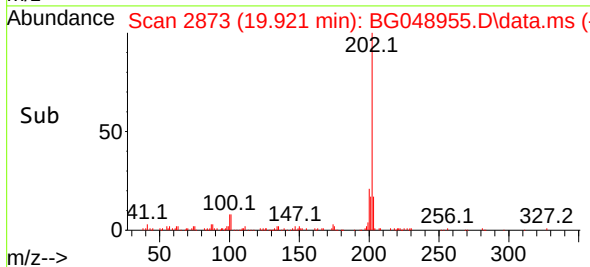
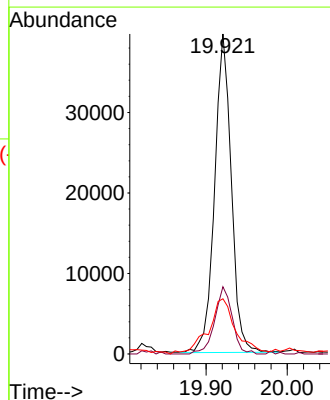
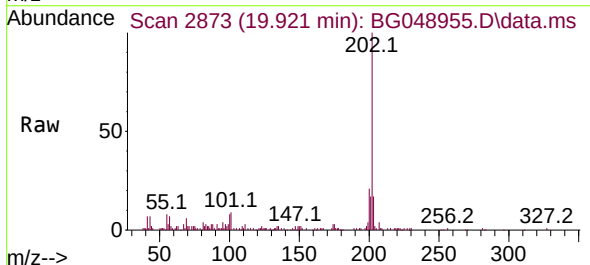
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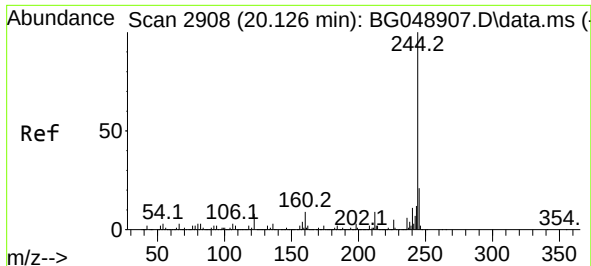
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#78
Pyrene
Concen: 3.29 ng
RT: 19.921 min Scan# 2873
Delta R.T. -0.005 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:202 Resp: 56504
Ion Ratio Lower Upper
202 100
200 21.0 15.8 23.8
203 17.2 14.6 21.8





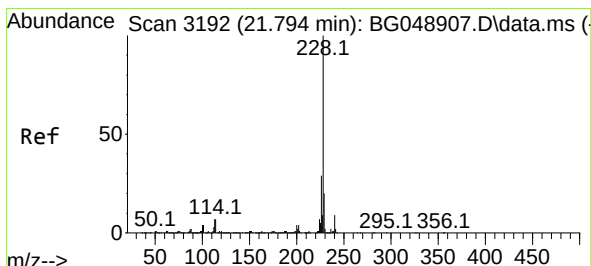
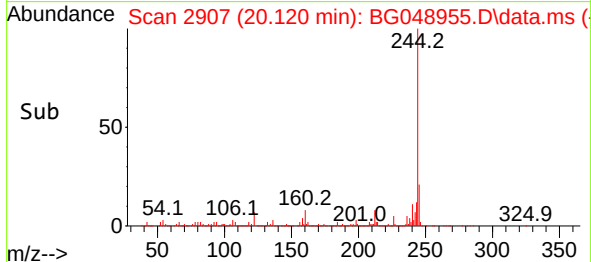
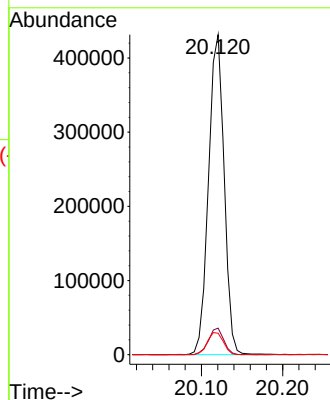
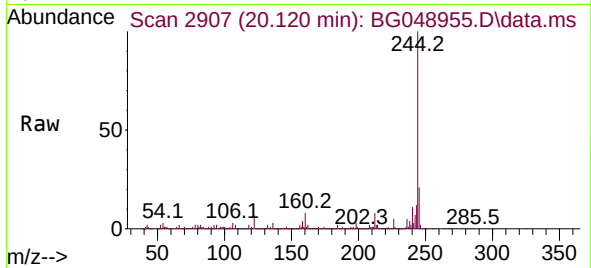
#79
Terphenyl-d14
Concen: 44.42 ng
RT: 20.120 min Scan# 2907
Delta R.T. -0.006 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:244 Resp: 574269
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.7 5.0 7.6

Instrument :
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ClientSampleId :
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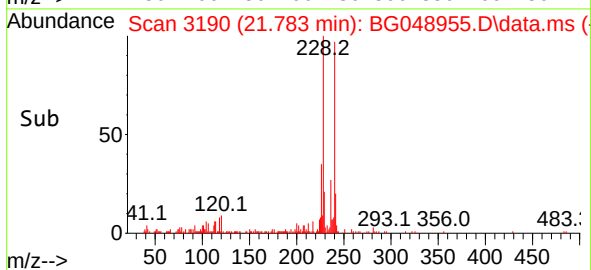
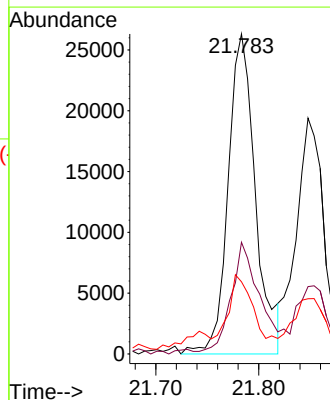
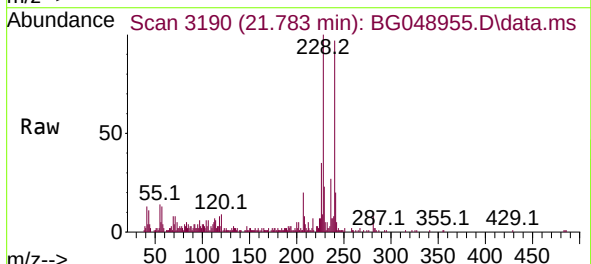
Manual Integrations
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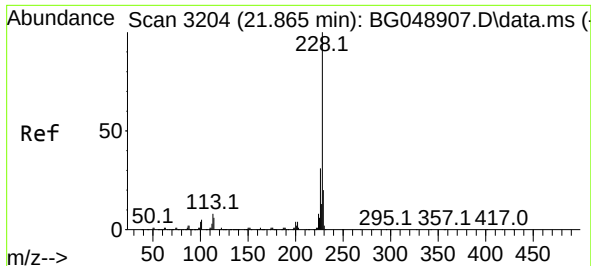
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#81
Benzo(a)anthracene
Concen: 2.86 ng m
RT: 21.783 min Scan# 3190
Delta R.T. -0.011 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion:228 Resp: 48599
Ion Ratio Lower Upper
228 100
226 34.9 22.7 34.1#
229 22.5 16.0 24.0





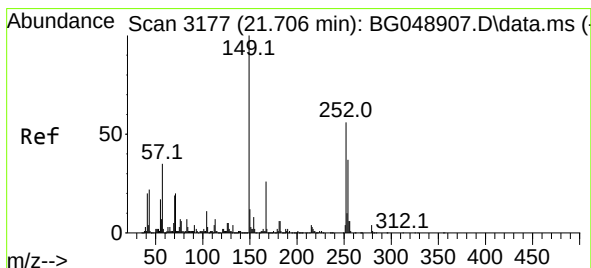
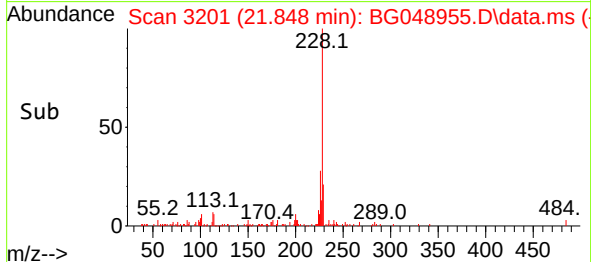
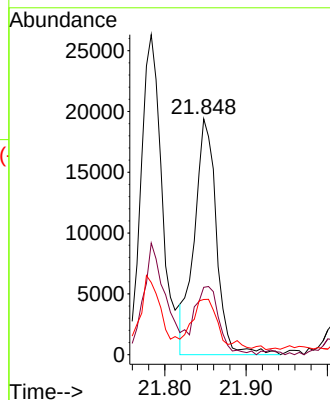
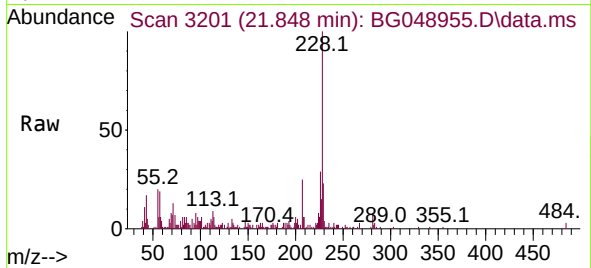
#83
Chrysene
Concen: 2.25 ng
RT: 21.848 min Scan# 3201
Delta R.T. -0.017 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.1	34.7
229	23.4	15.3	22.9#

Instrument :
BNA_G
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

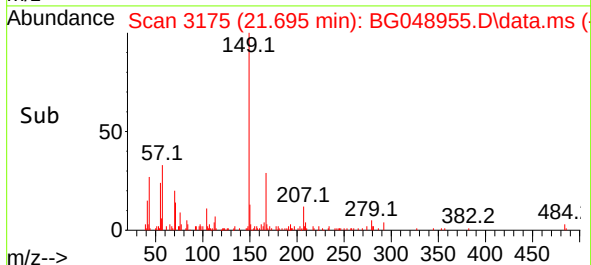
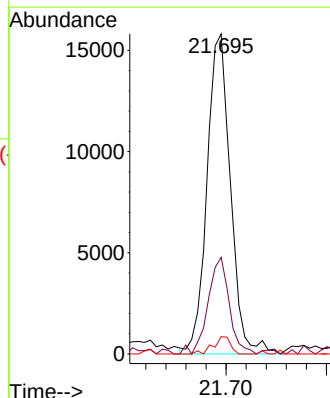
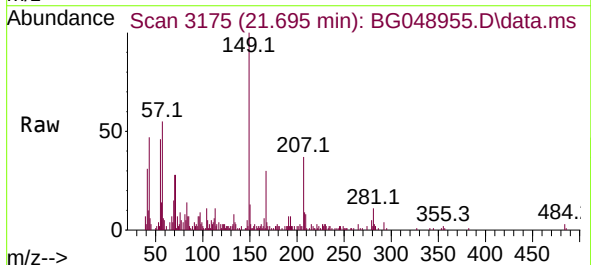
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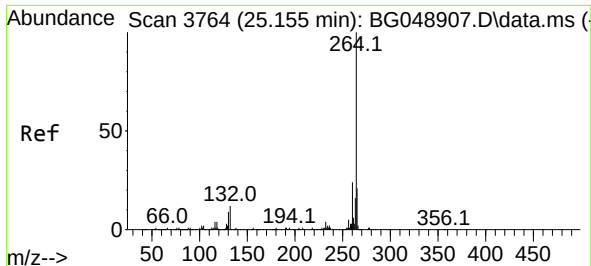
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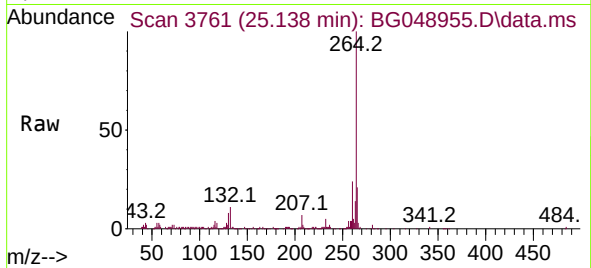
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.79 ng
RT: 21.695 min Scan# 3175
Delta R.T. -0.011 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.3	33.5
279	5.4	3.8	5.8

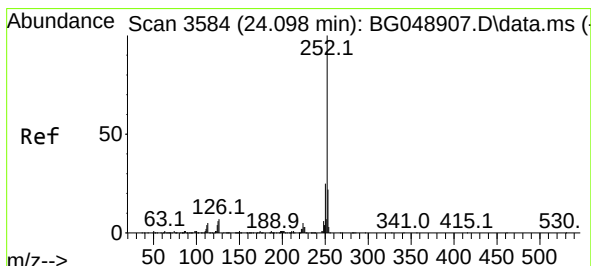
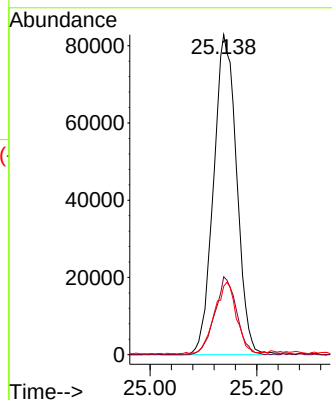
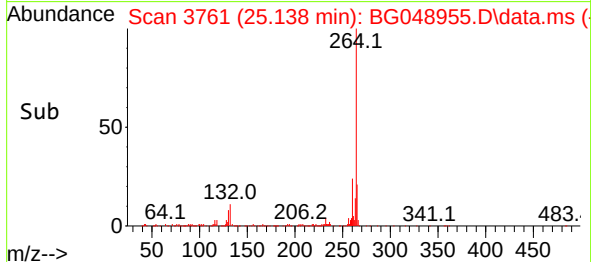




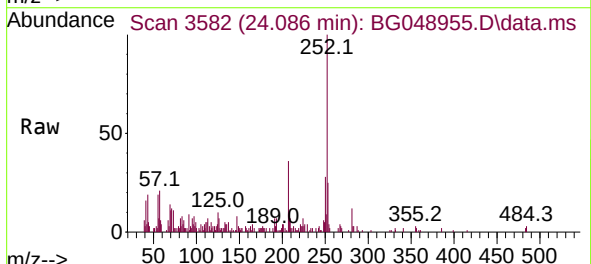
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.138 min Scan# 3761
Delta R.T. -0.017 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52



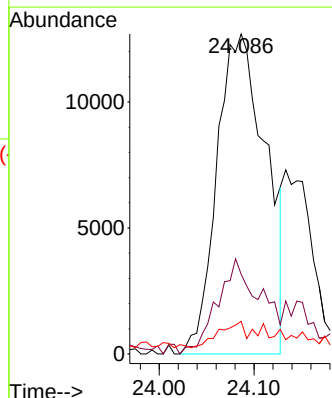
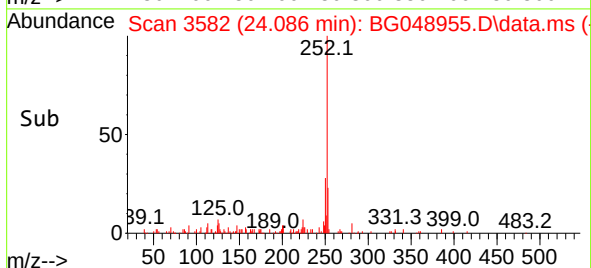
Tgt Ion:264 Resp: 248838
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.4 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 2.56 ng
RT: 24.086 min Scan# 3582
Delta R.T. -0.011 min
Lab File: BG048955.D
Acq: 14 Jun 2021 18:52



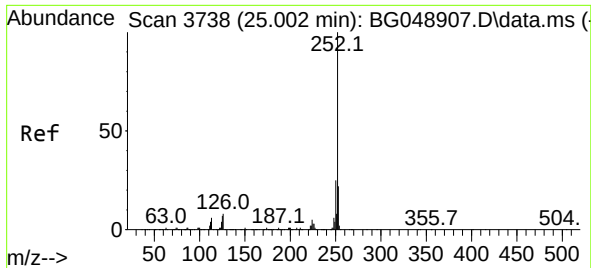
Tgt Ion:252 Resp: 45459
Ion Ratio Lower Upper
252 100
253 24.9 16.2 24.4#
125 10.2 3.0 4.4#



Instrument :
BNA_G
ClientSampleId :
0239-AMND-COMP-D(CL-01A)

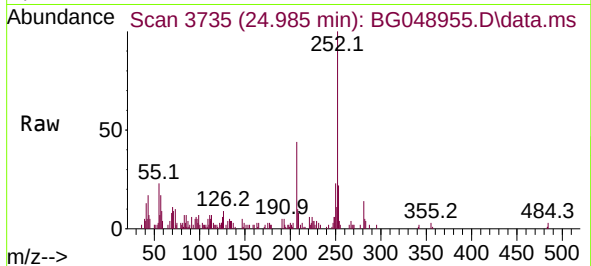
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#90
 Benzo(a)pyrene
 Concen: 2.27 ng
 RT: 24.985 min Scan# 3735
 Delta R.T. -0.017 min
 Lab File: BG048955.D
 Acq: 14 Jun 2021 18:52

Instrument :
 BNA_G
 ClientSampleId :
 0239-AMND-COMP-D(CL-01A)



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.6	25.0
125	5.8	3.5	5.3#

Manual Integrations
 APPROVED

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