

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050654.D
 Acq On : 20 Oct 2021 20:54
 Operator : CG/JU
 Sample : M4249-07DL2 8X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP2-(S)DL2

Manual Integrations
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 10/21/2021 11:18:21 AM

Quant Time: Oct 21 03:18:21 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	8.252	152	55724	20.00	ng	0.00
21) Naphthalene-d8	11.072	136	234450	20.00	ng	#-0.01
39) Acenaphthene-d10	14.868	164	146126	20.00	ng	0.00
64) Phenanthrene-d10	17.612	188	310186	20.00	ng	# 0.00
76) Chrysene-d12	21.913	240	276945	20.00	ng	#-0.01
86) Perylene-d12	25.320	264	280592	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	39330	10.56	ng	0.00
7) Phenol-d6	7.389	99	54530	10.11	ng	-0.01
23) Nitrobenzene-d5	9.421	82	37079	6.55	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	13103	9.40	ng	-0.01
45) 2-Fluorobiphenyl	13.487	172	71006	7.31	ng	-0.02
79) Terphenyl-d14	20.197	244	101504	7.14	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	14.592	152	31510	2.35	ng	96
58) Fluorene	15.908	166	44005	4.30	ng	94
71) Phenanthrene	17.653	178	564265	34.52	ng	98
72) Anthracene	17.741	178	85986	5.29	ng	98
75) Fluoranthene	19.651	202	758178	37.73	ng	95
78) Pyrene	20.015	202	845180	43.01	ng	96
81) Benzo(a)anthracene	21.889	228	425353	23.21	ng	98
83) Chrysene	21.960	228	398175m	23.10	ng	
87) Indeno(1,2,3-cd)pyrene	29.228	276	194692	9.96	ng	# 90
88) Benzo(b)fluoranthene	24.239	252	407118	23.69	ng	# 92
89) Benzo(k)fluoranthene	24.298	252	134994m	7.99	ng	
90) Benzo(a)pyrene	25.162	252	325815	22.30	ng	# 95
91) Dibenzo(a,h)anthracene	29.281	278	55541	3.44	ng	# 88
92) Benzo(g,h,i)perylene	30.467	276	188001	11.87	ng	# 89

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

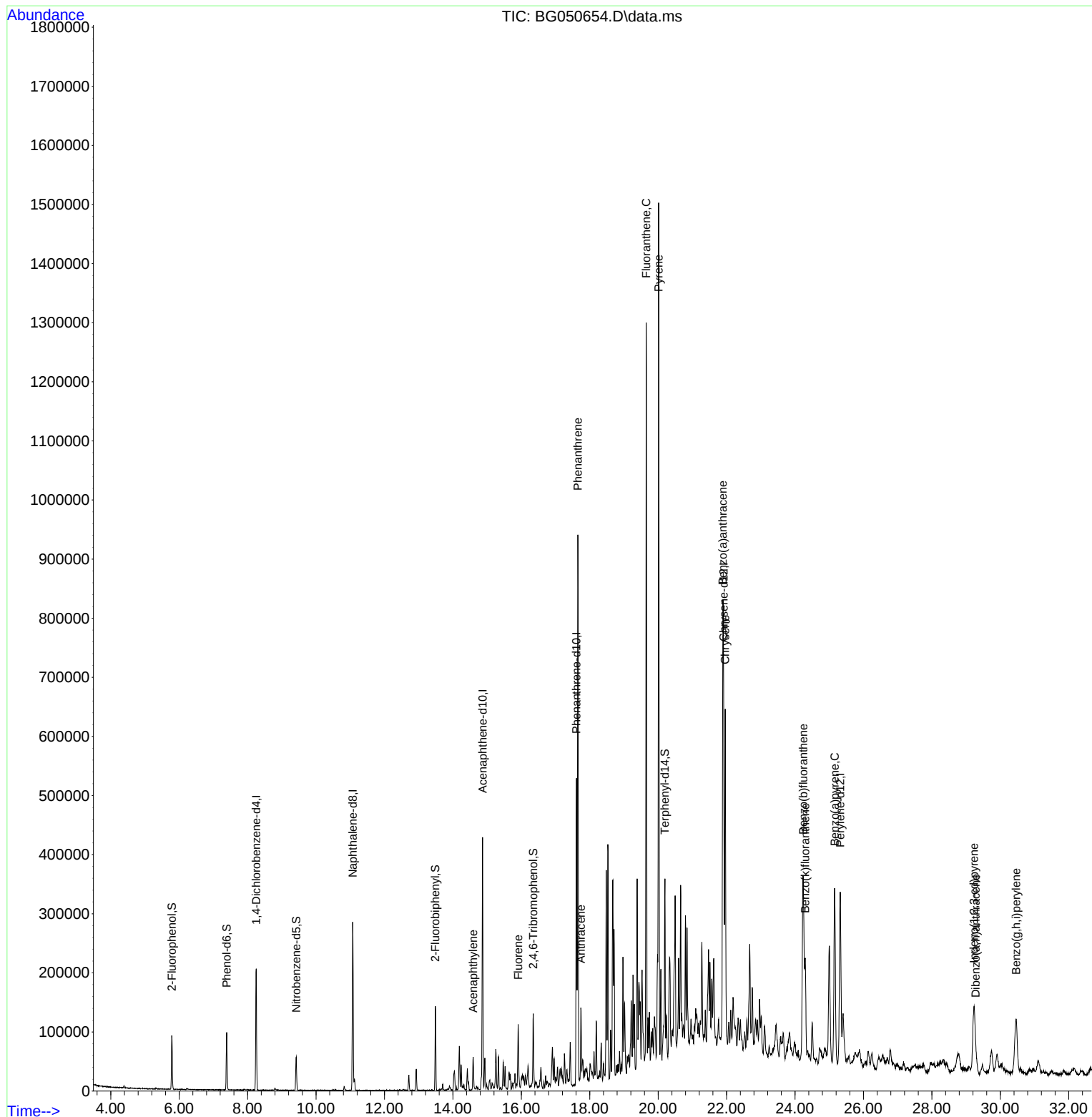
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
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ALS Vial : 14 Sample Multiplier: 1

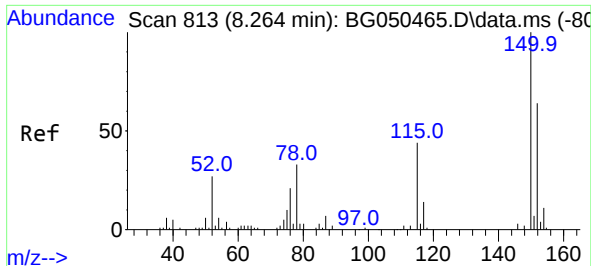
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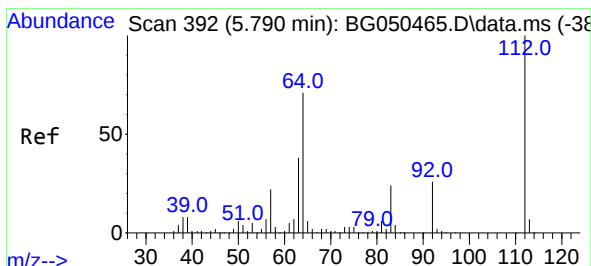
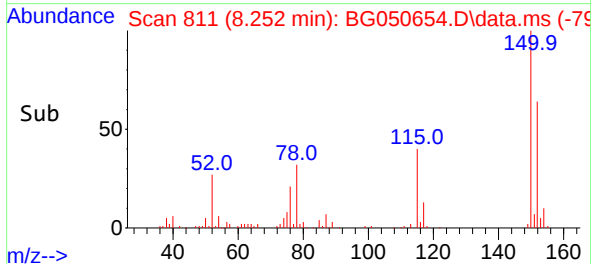
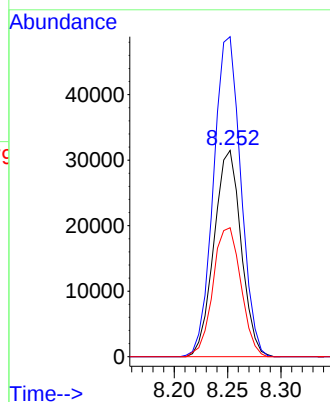
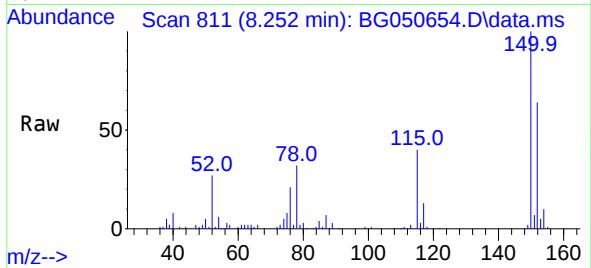
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.252 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion:152 Resp: 55724
Ion Ratio Lower Upper
152 100
150 155.1 119.4 179.0
115 62.5 60.2 90.4

Instrument :
BNA_G
ClientSampled :
TP2-(S)DL2

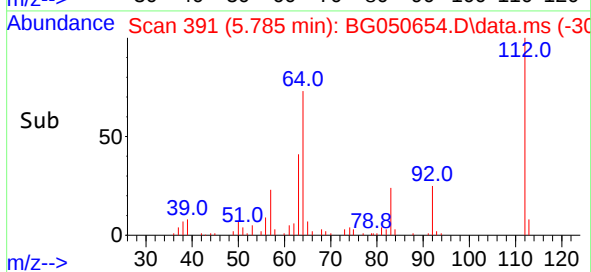
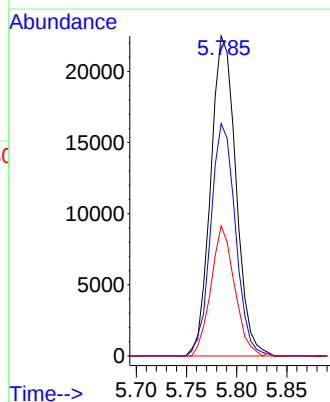
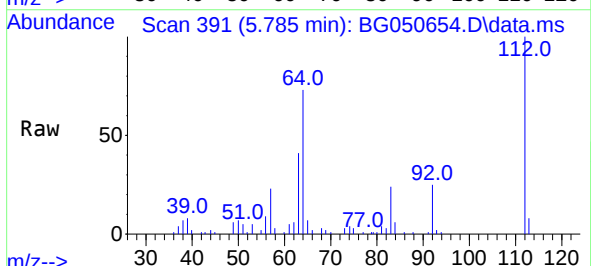
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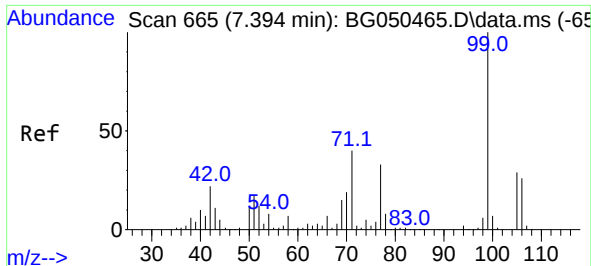
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#5
2-Fluorophenol
Concen: 10.56 ng
RT: 5.785 min Scan# 391
Delta R.T. -0.006 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion:112 Resp: 39330
Ion Ratio Lower Upper
112 100
64 72.6 46.7 70.1#
63 40.7 35.3 52.9





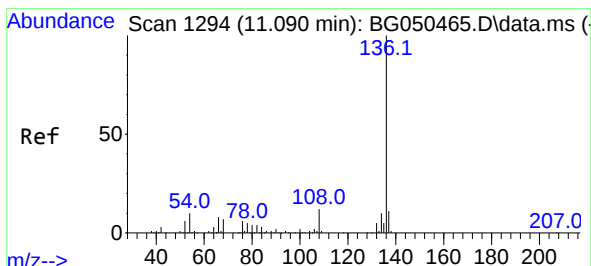
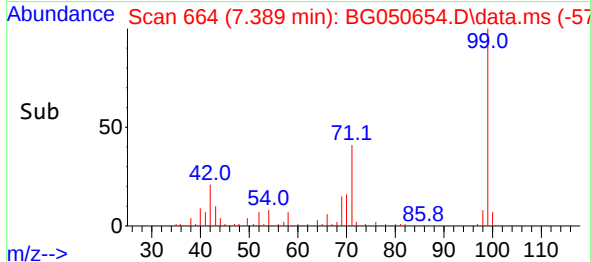
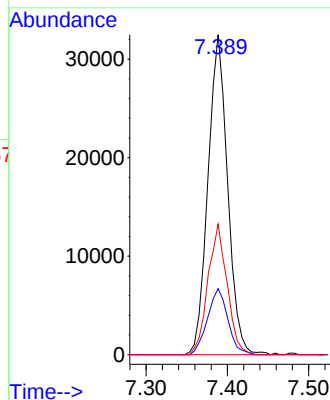
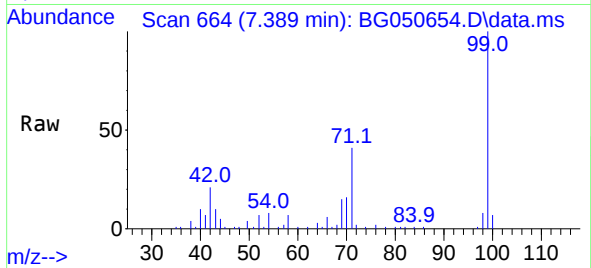
#7
Phenol-d6
Concen: 10.11 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.012 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion: 99 Resp: 54530
Ion Ratio Lower Upper
99 100
42 20.6 20.5 30.7
71 40.8 41.5 62.3#

Instrument :
BNA_G
ClientSampleId :
TP2-(S)DL2

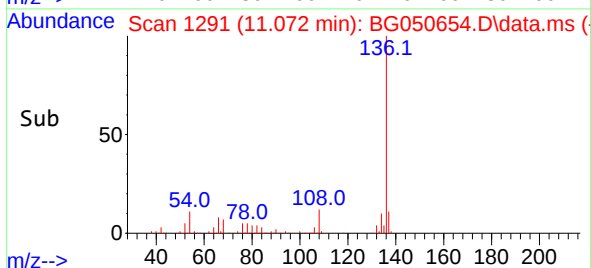
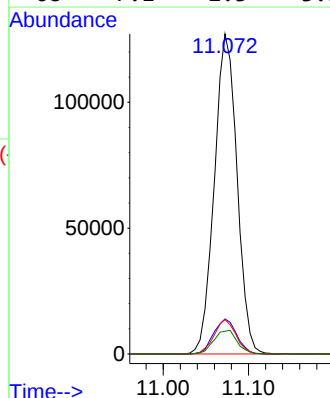
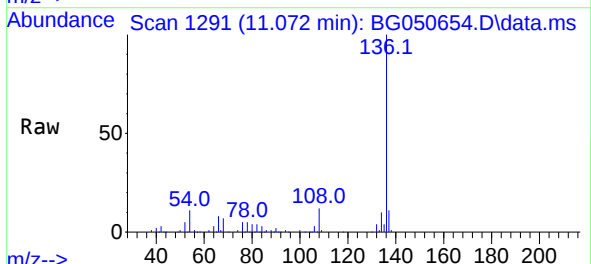
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.072 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion: 136 Resp: 234450
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 10.7 5.5 8.3#
68 7.1 2.3 3.5#





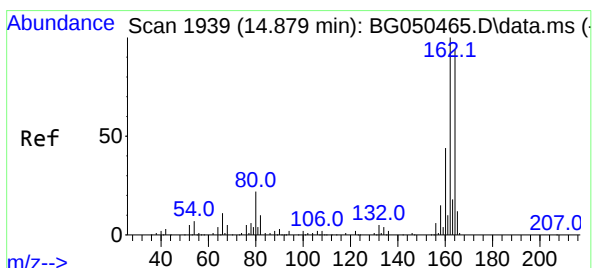
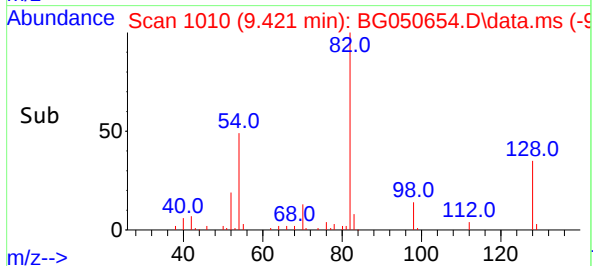
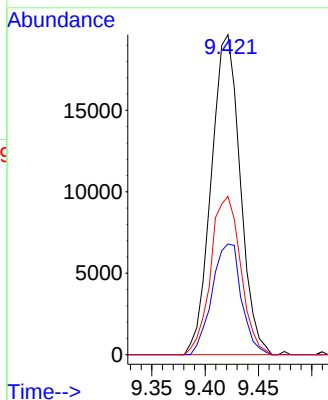
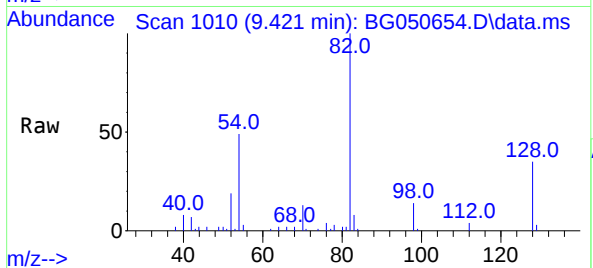
#23
Nitrobenzene-d5
Concen: 6.55 ng
RT: 9.421 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion:	82	Resp:	37079
Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.8	44.6
54	49.5	45.8	68.8

Instrument :
BNA_G
ClientSampleId :
TP2-(S)DL2

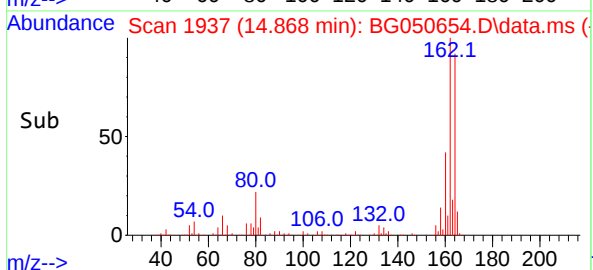
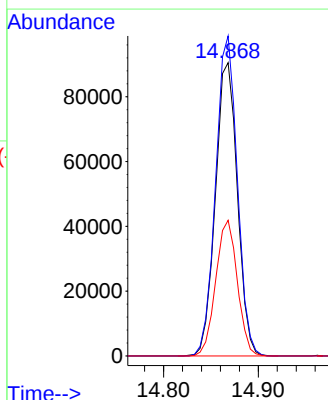
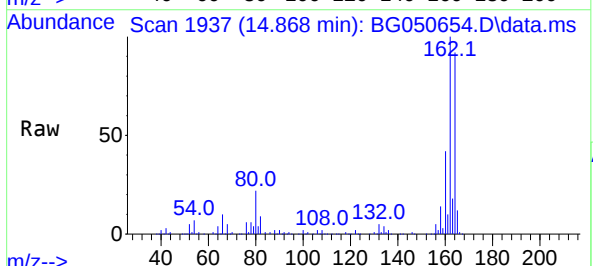
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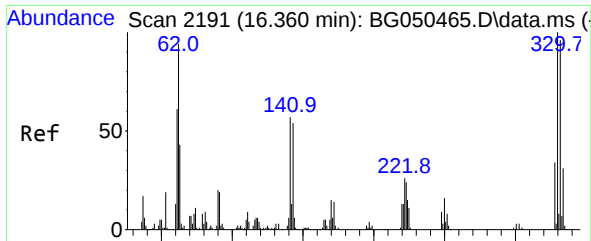
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

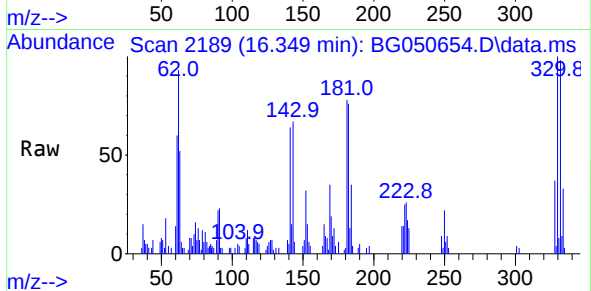
Tgt Ion:	164	Resp:	146126
Ion	Ratio	Lower	Upper
164	100		
162	109.1	81.4	122.0
160	46.3	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 9.40 ng
RT: 16.349 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

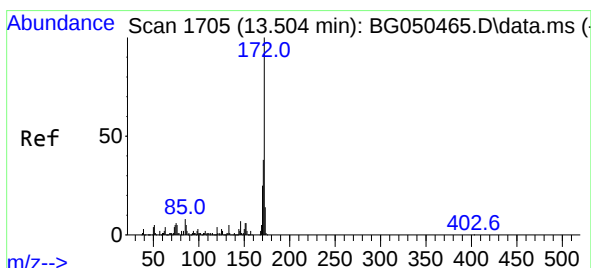
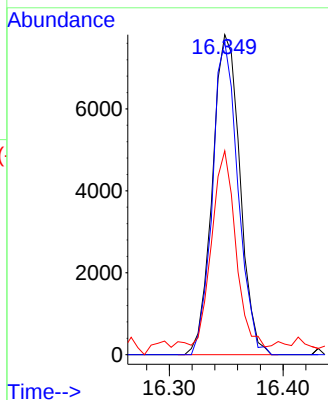
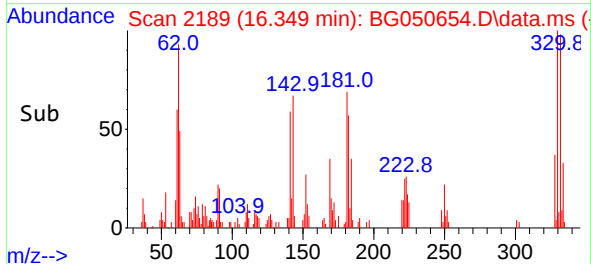
Instrument :
BNA_G
ClientSampled :
TP2-(S)DL2



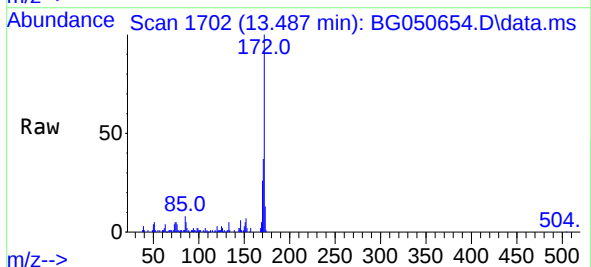
Tgt Ion:330 Resp: 13103
Ion Ratio Lower Upper
330 100
332 91.3 77.3 115.9
141 59.0 35.6 53.4#

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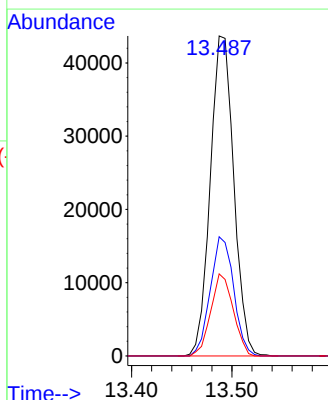
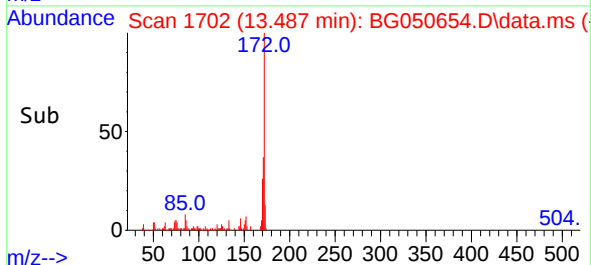
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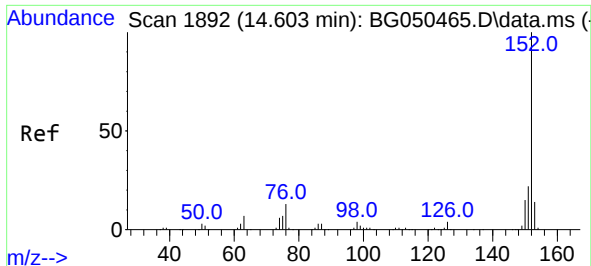


#45
2-Fluorobiphenyl
Concen: 7.31 ng
RT: 13.487 min Scan# 1702
Delta R.T. -0.018 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54



Tgt Ion:172 Resp: 71006
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.6 18.6 27.8





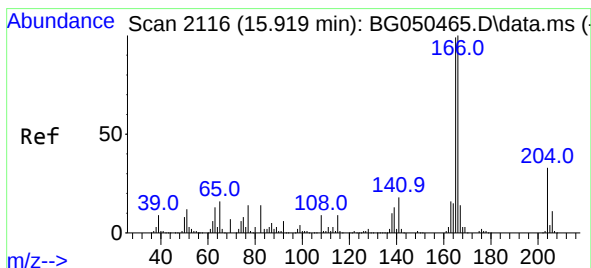
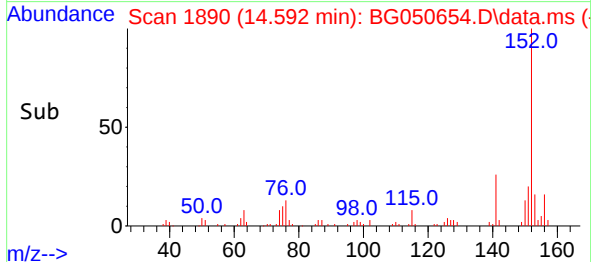
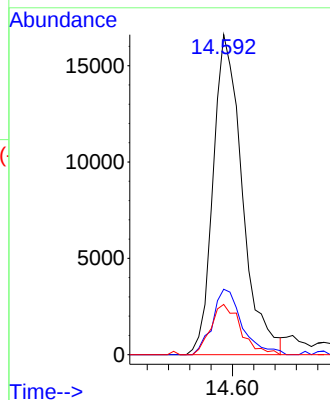
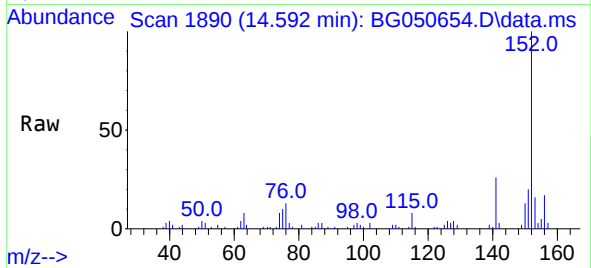
#49
Acenaphthylene
Concen: 2.35 ng
RT: 14.592 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion:	152	Resp:	31510
Ion Ratio	Lower	Upper	
152	100		
151	20.5	18.2	27.4
153	15.7	11.7	17.5

Instrument :
BNA_G
ClientSampleId :
TP2-(S)DL2

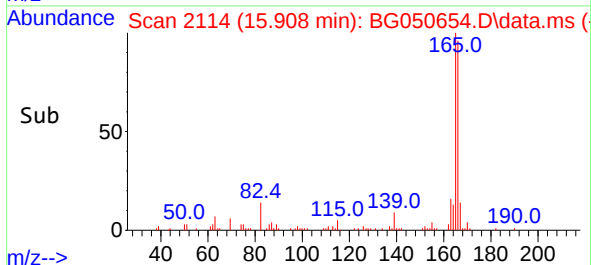
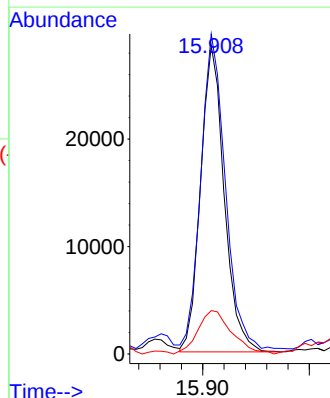
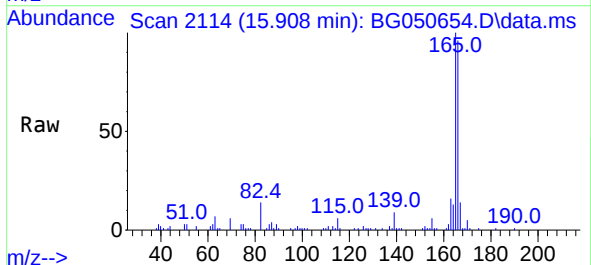
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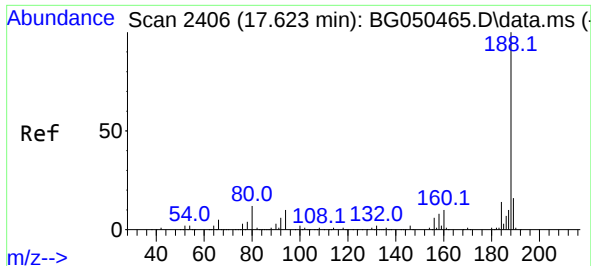
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#58
Fluorene
Concen: 4.30 ng
RT: 15.908 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion:	166	Resp:	44005
Ion Ratio	Lower	Upper	
166	100		
165	103.7	77.7	116.5
167	14.1	10.8	16.2





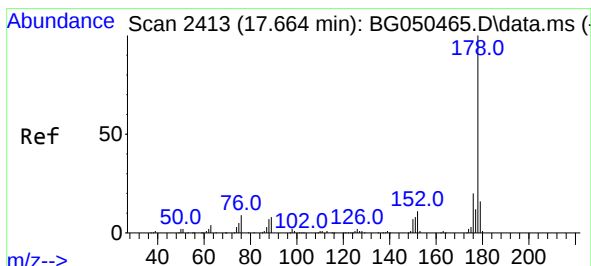
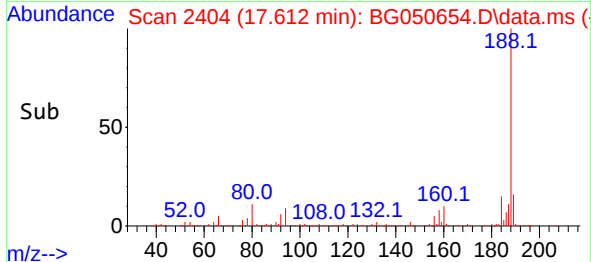
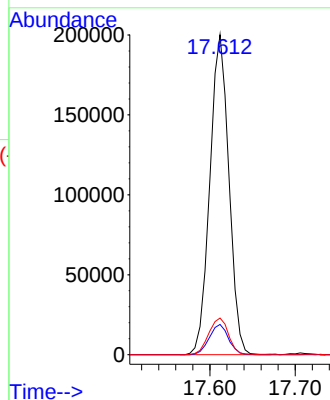
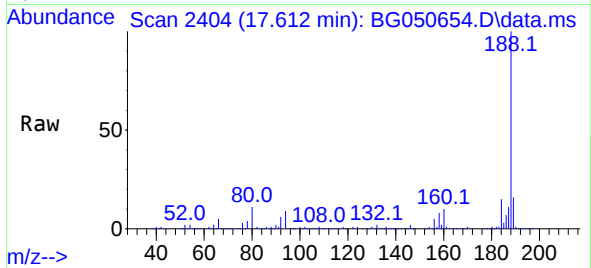
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion:188 Resp: 310186
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 11.4 3.7 5.5#

Instrument :
BNA_G
ClientSampleId :
TP2-(S)DL2

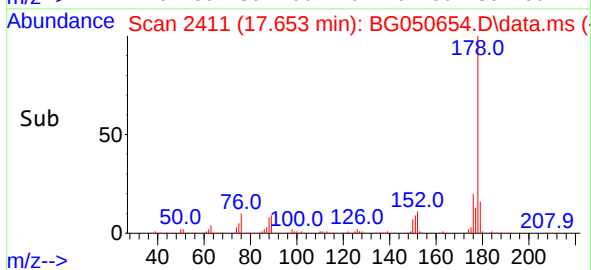
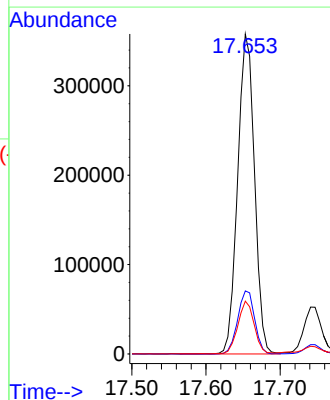
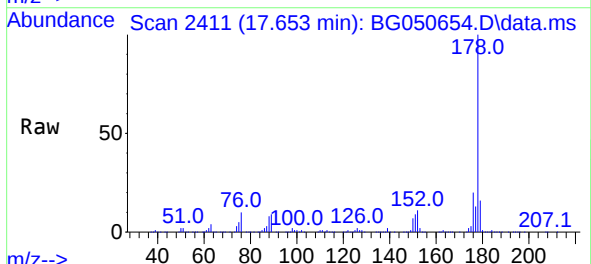
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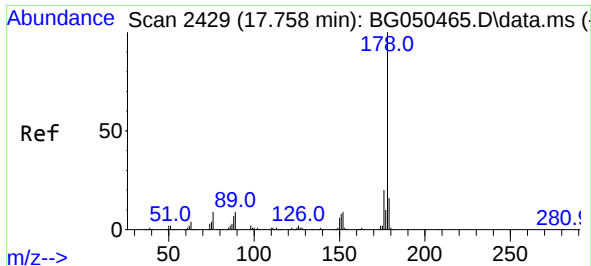
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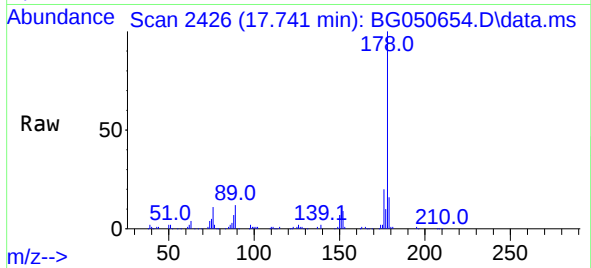
#71
Phenanthrene
Concen: 34.52 ng
RT: 17.653 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion:178 Resp: 564265
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 16.5 14.2 21.4

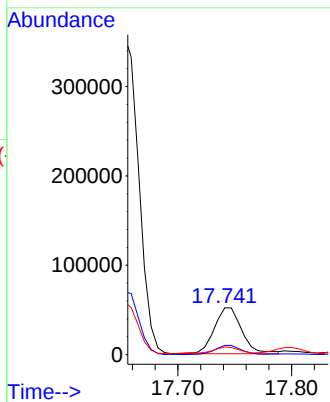
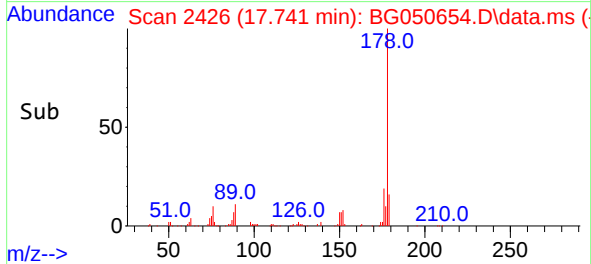




#72
 Anthracene
 Concen: 5.29 ng
 RT: 17.741 min Scan# 2426
 Delta R.T. -0.012 min
 Lab File: BG050654.D
 Acq: 20 Oct 2021 20:54



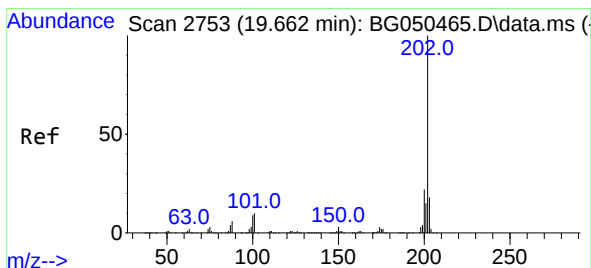
Tgt Ion:178 Resp: 85986
 Ion Ratio Lower Upper
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 176 19.7 14.6 21.8
 179 16.2 13.4 20.0



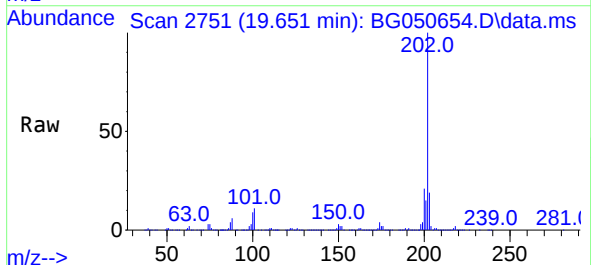
Instrument :
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 TP2-(S)DL2

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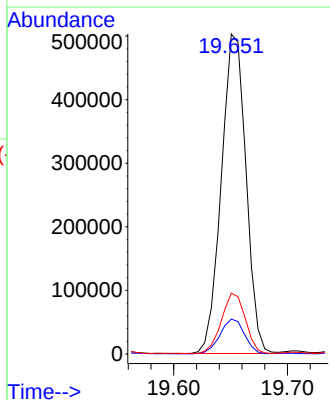
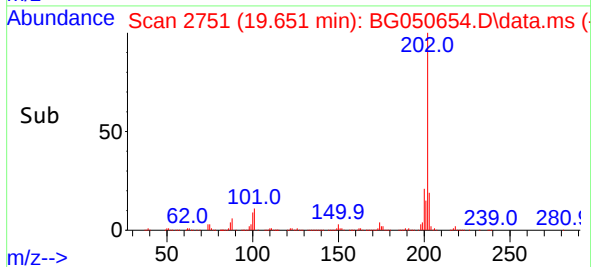
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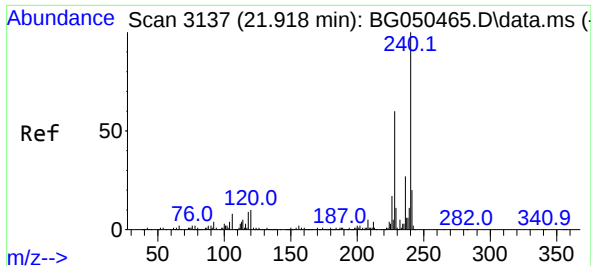


#75
 Fluoranthene
 Concen: 37.73 ng
 RT: 19.651 min Scan# 2751
 Delta R.T. -0.012 min
 Lab File: BG050654.D
 Acq: 20 Oct 2021 20:54



Tgt Ion:202 Resp: 758178
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 24.7
 203 19.0 0.0 38.5





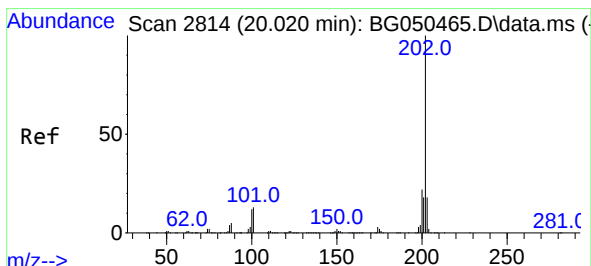
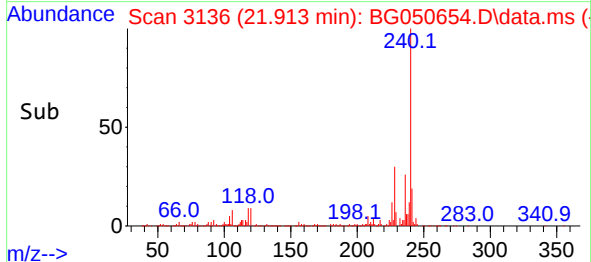
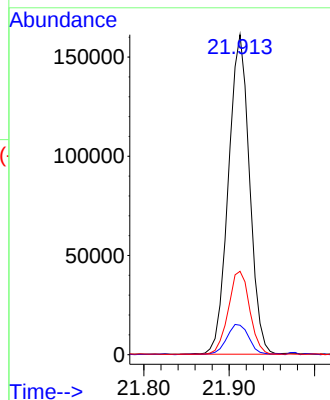
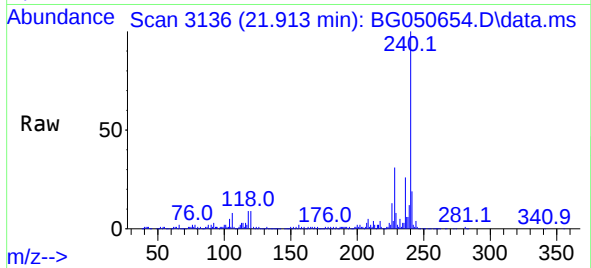
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion:240 Resp: 276945
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.0 21.8 32.6

Instrument :
BNA_G
ClientSampleId :
TP2-(S)DL2

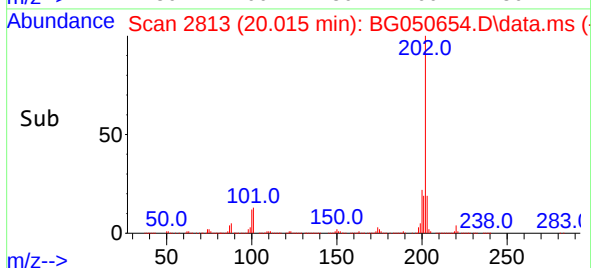
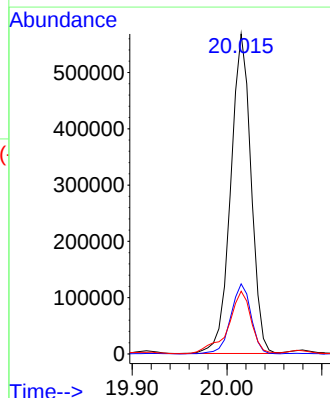
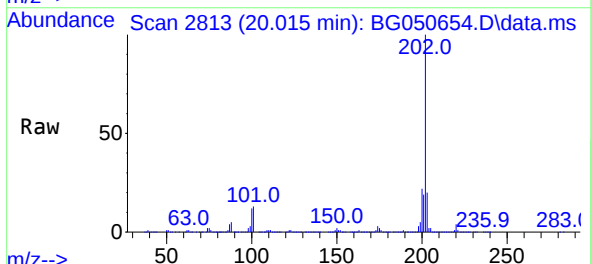
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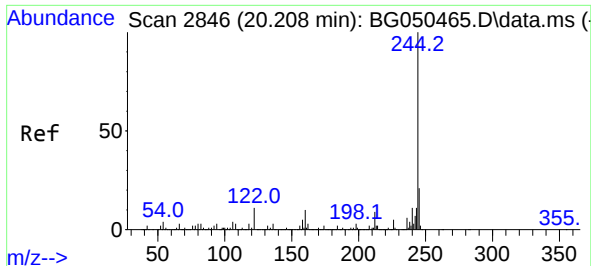
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#78
Pyrene
Concen: 43.01 ng
RT: 20.015 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion:202 Resp: 845180
Ion Ratio Lower Upper
202 100
200 21.9 15.8 23.8
203 19.6 14.6 21.8





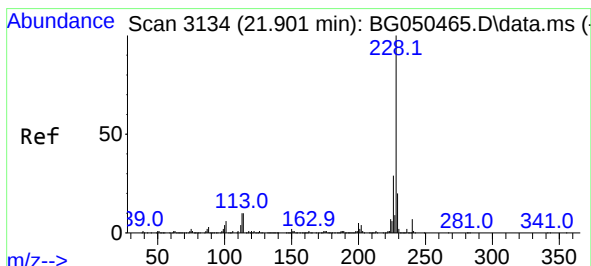
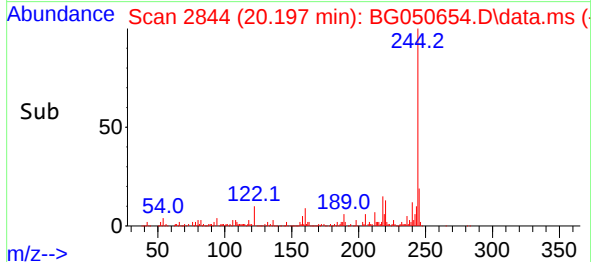
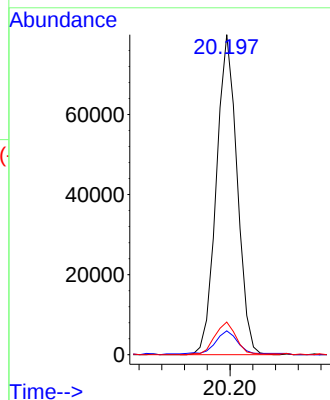
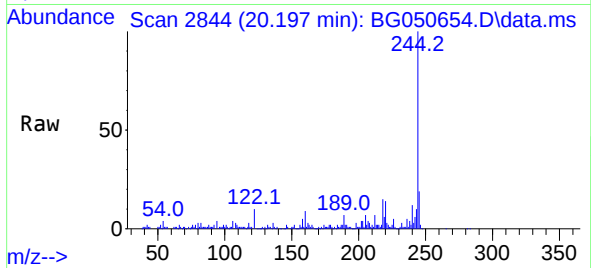
#79
 Terphenyl-d14
 Concen: 7.14 ng
 RT: 20.197 min Scan# 2844
 Delta R.T. -0.012 min
 Lab File: BG050654.D
 Acq: 20 Oct 2021 20:54

Tgt Ion:244 Resp: 101504
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.9 10.3
 122 10.2 5.0 7.6#

Instrument :
 BNA_G
 ClientSampled :
 TP2-(S)DL2

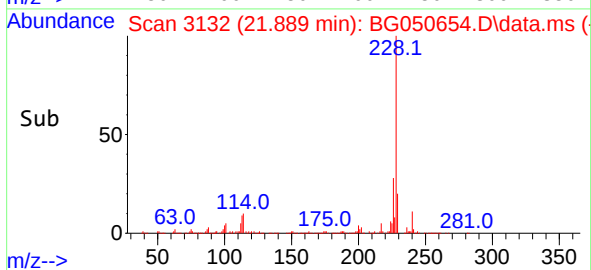
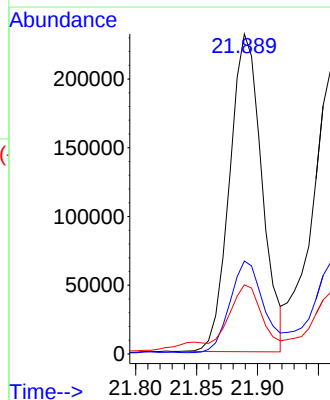
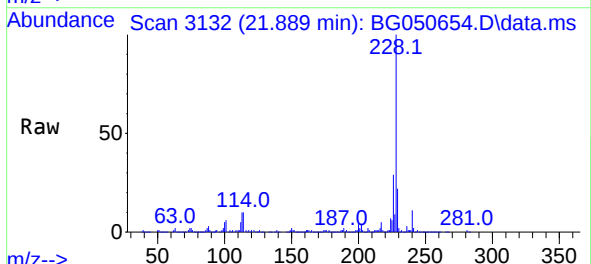
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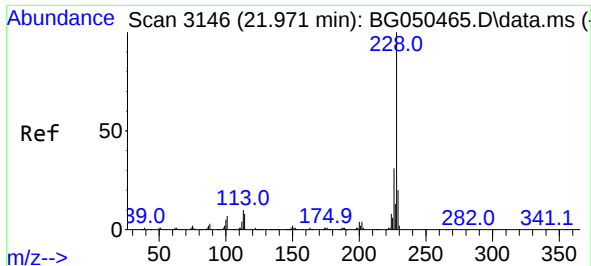
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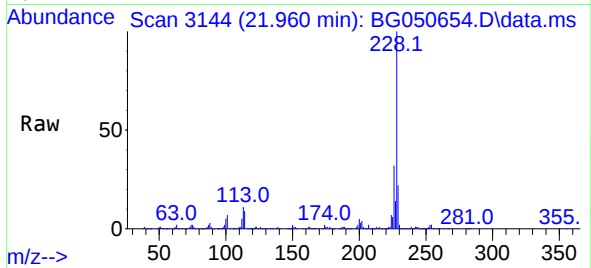
#81
 Benzo(a)anthracene
 Concen: 23.21 ng
 RT: 21.889 min Scan# 3132
 Delta R.T. -0.012 min
 Lab File: BG050654.D
 Acq: 20 Oct 2021 20:54

Tgt Ion:228 Resp: 425353
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.7 34.1
 229 21.6 16.0 24.0

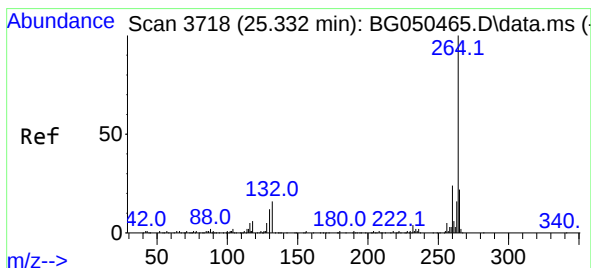
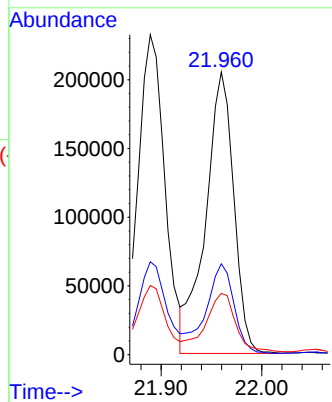
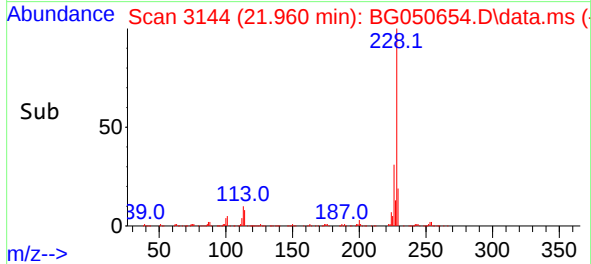




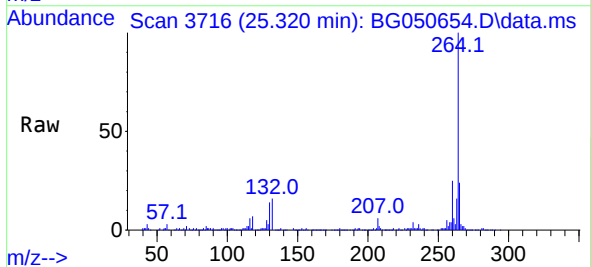
#83
Chrysene
Concen: 23.10 ng m
RT: 21.960 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54



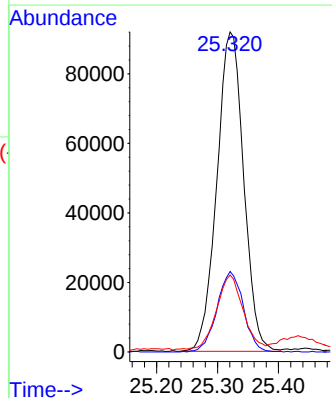
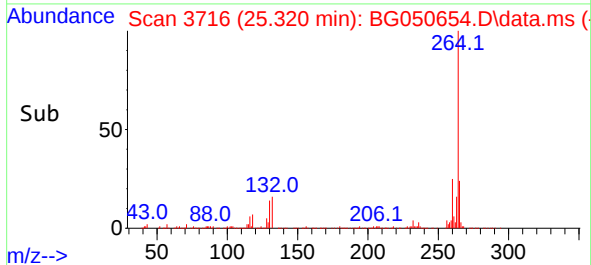
Tgt Ion:228 Resp: 398175
Ion Ratio Lower Upper
228 100
226 32.2 23.1 34.7
229 21.7 15.3 22.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.320 min Scan# 3716
Delta R.T. -0.012 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54



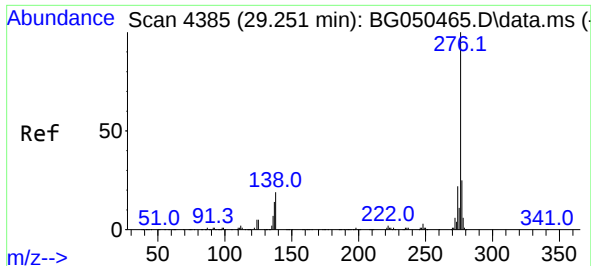
Tgt Ion:264 Resp: 280592
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 24.0 16.9 25.3



Instrument :
BNA_G
ClientSampleId :
TP2-(S)DL2

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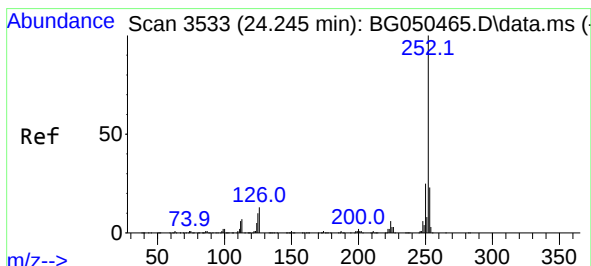
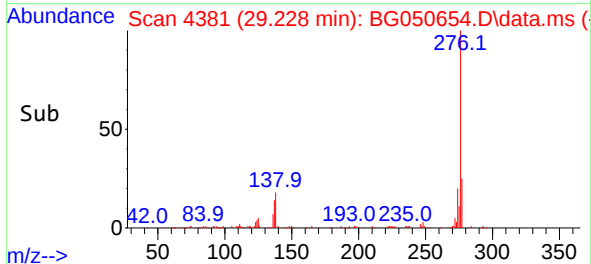
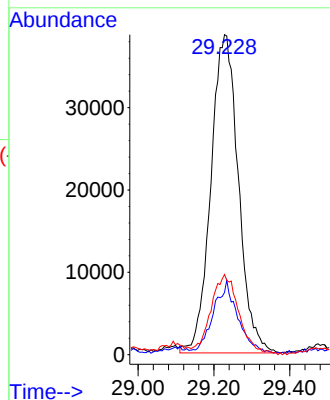
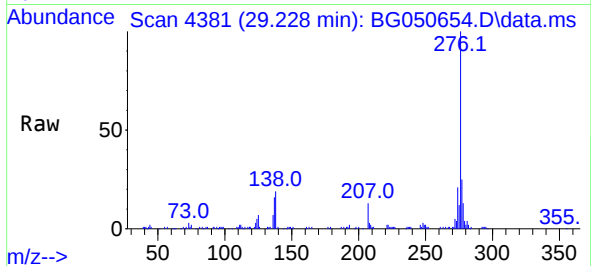
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.96 ng
RT: 29.228 min Scan# 4381
Delta R.T. -0.035 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion: 276 Resp: 194692
Ion Ratio Lower Upper
276 100
138 19.9 5.1 7.7#
277 26.0 19.8 29.6

Instrument :
BNA_G
ClientSampleId :
TP2-(S)DL2

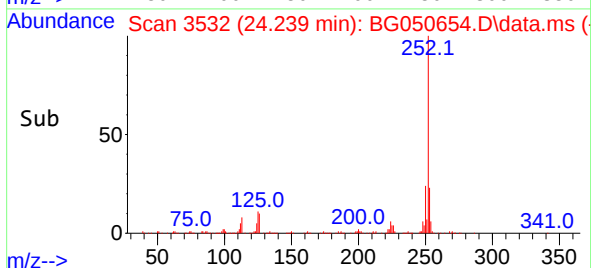
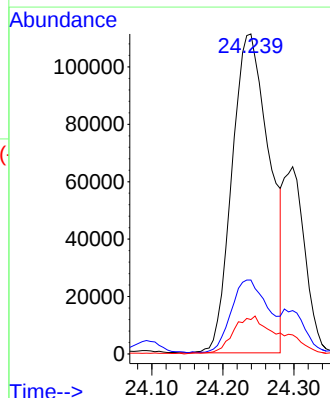
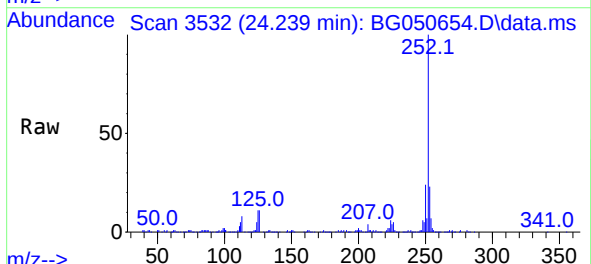
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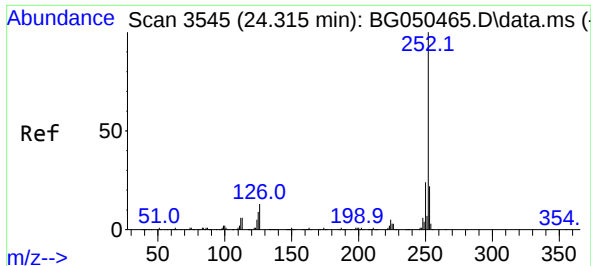
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#88
Benzo(b)fluoranthene
Concen: 23.69 ng
RT: 24.239 min Scan# 3532
Delta R.T. -0.006 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion: 252 Resp: 407118
Ion Ratio Lower Upper
252 100
253 23.1 16.2 24.4
125 10.8 3.0 4.4#





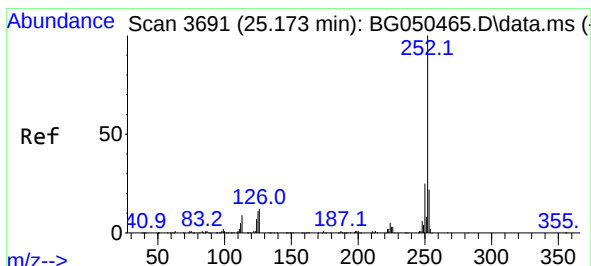
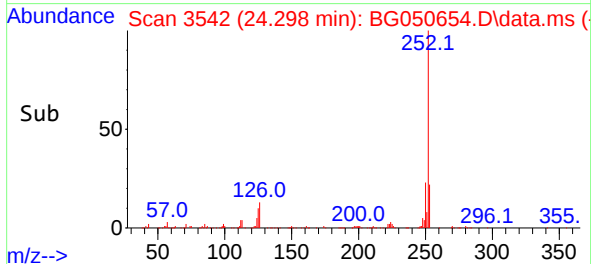
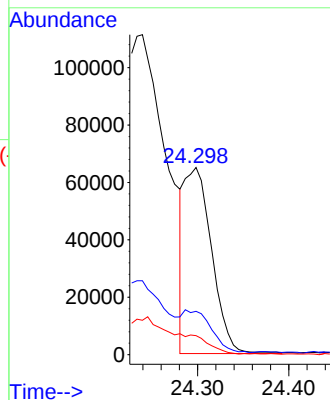
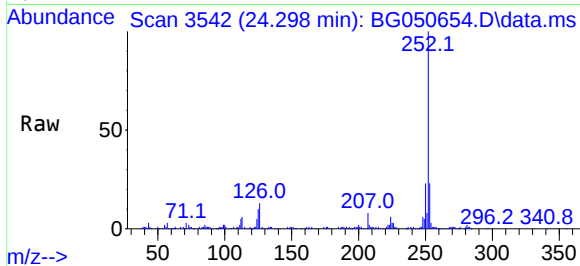
#89
Benzo(k)fluoranthene
Concen: 7.99 ng m
RT: 24.298 min Scan# 3542
Delta R.T. -0.018 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion:252 Resp: 134994
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 10.2 3.1 4.7#

Instrument :
BNA_G
ClientSampleId :
TP2-(S)DL2

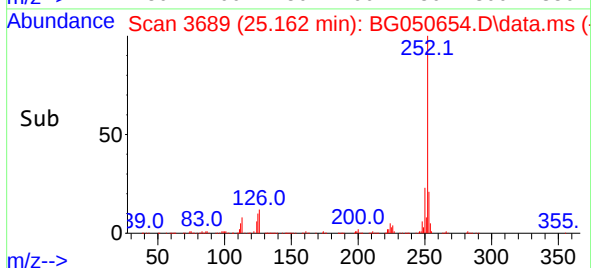
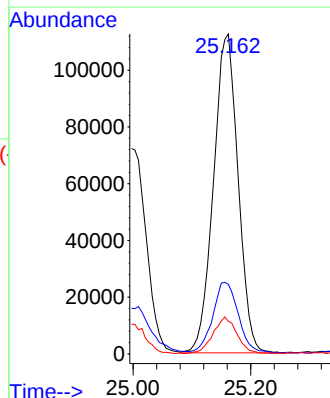
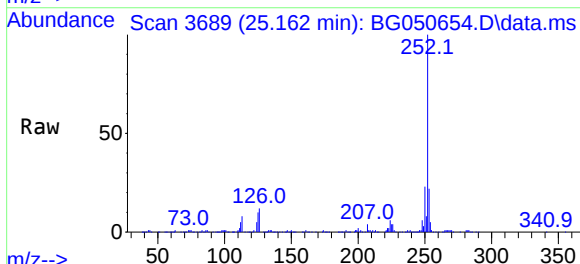
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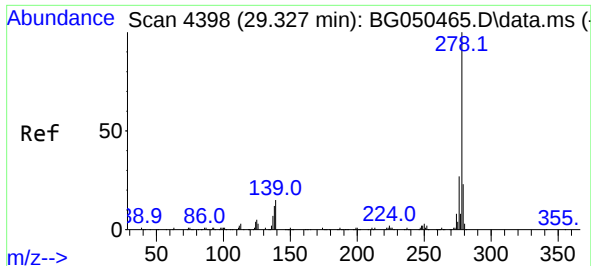
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#90
Benzo(a)pyrene
Concen: 22.30 ng
RT: 25.162 min Scan# 3689
Delta R.T. -0.012 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion:252 Resp: 325815
Ion Ratio Lower Upper
252 100
253 21.7 16.6 25.0
125 10.2 3.5 5.3#





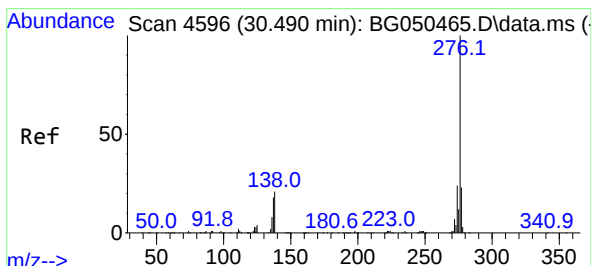
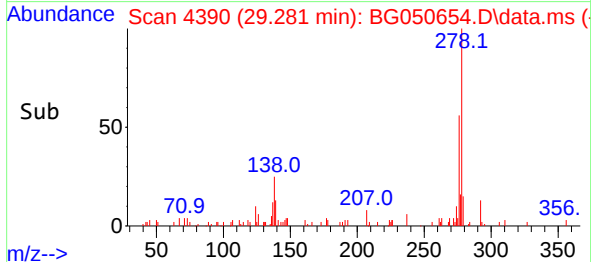
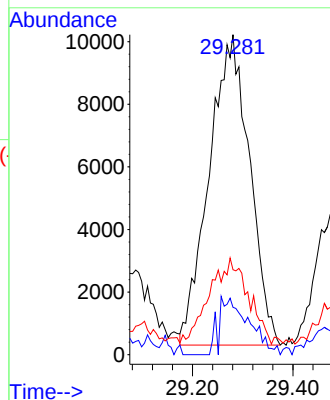
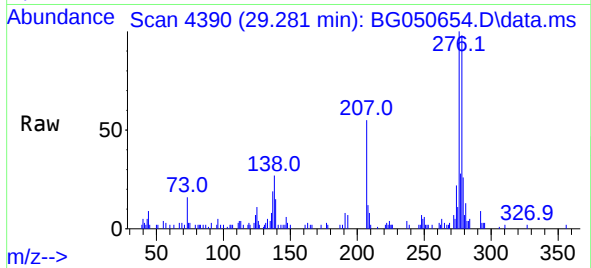
#91
Dibenzo(a,h)anthracene
Concen: 3.44 ng
RT: 29.281 min Scan# 4390
Delta R.T. -0.053 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion: 278 Resp: 55541
Ion Ratio Lower Upper
278 100
139 14.8 4.6 6.8#
279 26.5 17.9 26.9

Instrument :
BNA_G
ClientSampled :
TP2-(S)DL2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 11.87 ng
RT: 30.467 min Scan# 4592
Delta R.T. -0.030 min
Lab File: BG050654.D
Acq: 20 Oct 2021 20:54

Tgt Ion: 276 Resp: 188001
Ion Ratio Lower Upper
276 100
277 21.2 18.4 27.6
138 19.6 7.0 10.6#

