

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050656.D
 Acq On : 20 Oct 2021 22:17
 Operator : CG/JU
 Sample : M4288-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-101921

Manual Integrations
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mohammad
 10/21/2021 11:18:24 AM

Quant Time: Oct 21 03:18:47 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	47017	20.00	ng	0.00
21) Naphthalene-d8	11.073	136	200478	20.00	ng	#-0.01
39) Acenaphthene-d10	14.869	164	122243	20.00	ng	0.00
64) Phenanthrene-d10	17.613	188	248557	20.00	ng	# 0.00
76) Chrysene-d12	21.913	240	209898	20.00	ng	#-0.01
86) Perylene-d12	25.327	264	211040	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	294126	93.56	ng	0.00
7) Phenol-d6	7.389	99	392945	86.33	ng	-0.01
23) Nitrobenzene-d5	9.422	82	278683	57.54	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	95912	82.26	ng	-0.01
45) 2-Fluorobiphenyl	13.494	172	486715	59.92	ng	-0.01
79) Terphenyl-d14	20.198	244	633257	58.80	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.654	178	158726	12.12	ng	96
72) Anthracene	17.748	178	43398	3.33	ng	96
75) Fluoranthene	19.651	202	663739	41.22	ng	96
78) Pyrene	20.016	202	615217	41.31	ng	97
81) Benzo(a)anthracene	21.890	228	371080	26.72	ng	98
83) Chrysene	21.960	228	337699	25.85	ng	96
87) Indeno(1,2,3-cd)pyrene	29.246	276	240215	16.34	ng	# 92
88) Benzo(b)fluoranthene	24.240	252	469421	36.32	ng	# 91
89) Benzo(k)fluoranthene	24.305	252	180787m	14.22	ng	
90) Benzo(a)pyrene	25.168	252	348135	31.68	ng	# 94
91) Dibenzo(a,h)anthracene	29.299	278	66375m	5.46	ng	
92) Benzo(g,h,i)perylene	30.486	276	224291	18.84	ng	# 89

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

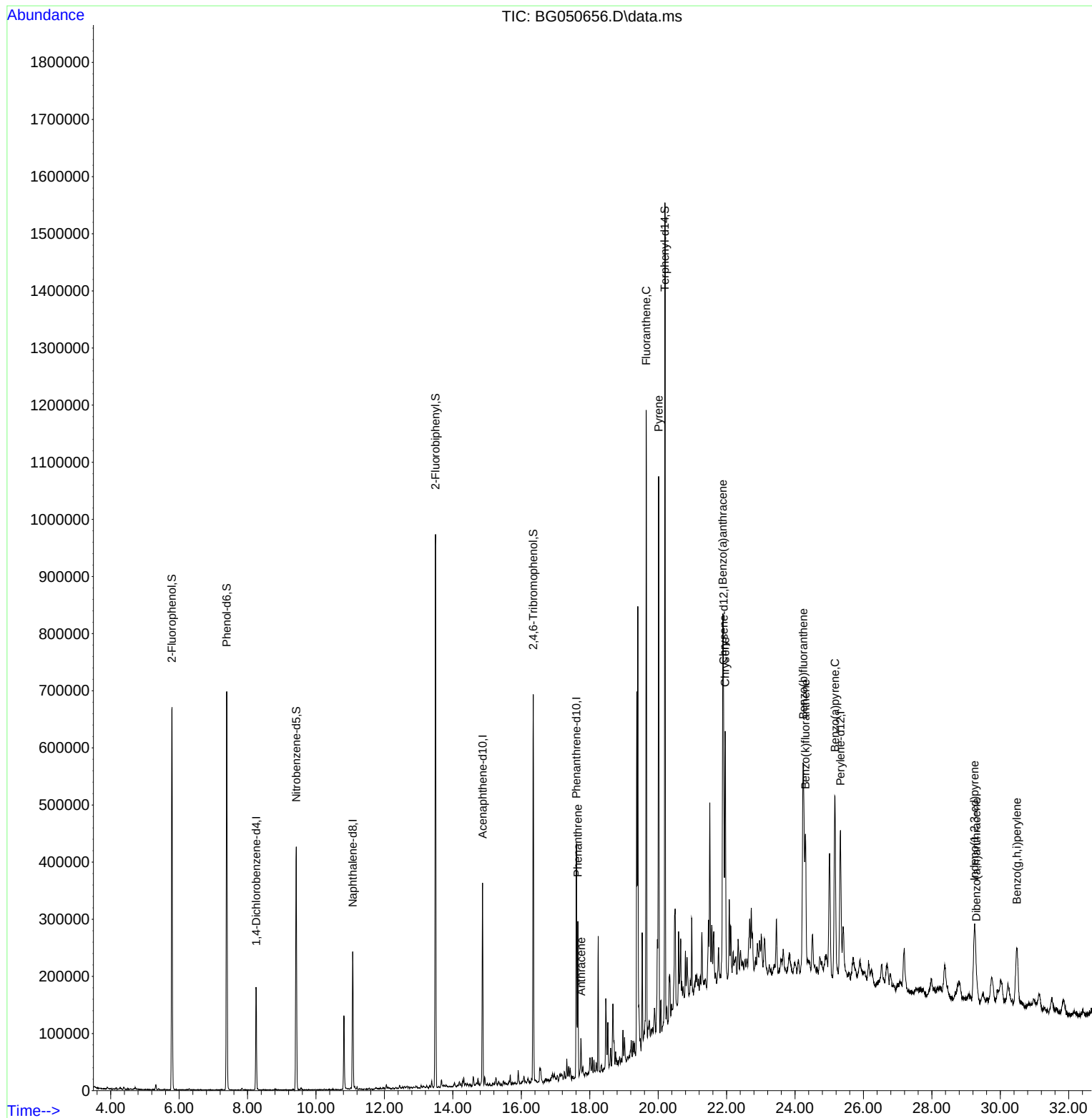
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
Data File : BG050656.D
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ALS Vial : 16 Sample Multiplier: 1

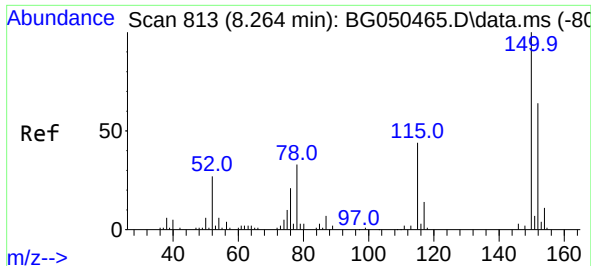
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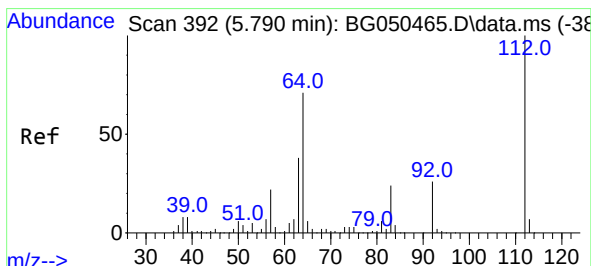
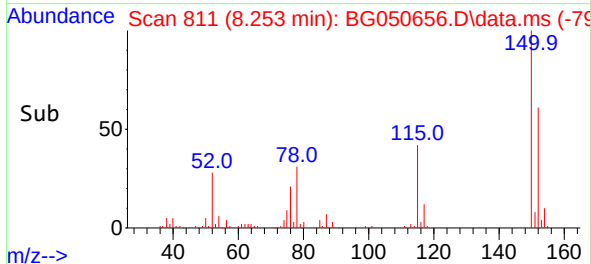
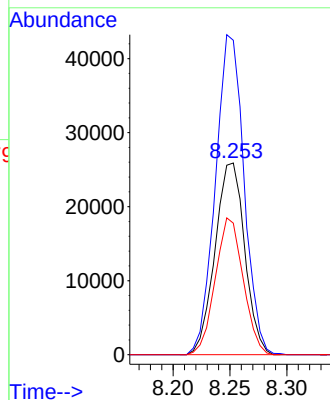
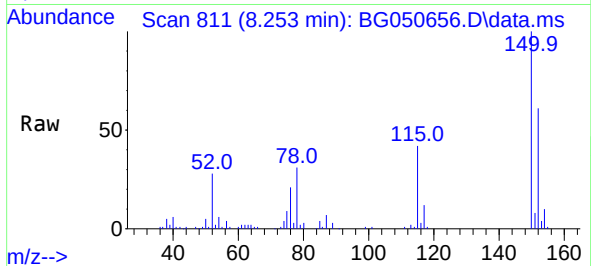
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion:152 Resp: 47017
Ion Ratio Lower Upper
152 100
150 163.9 119.4 179.0
115 68.6 60.2 90.4

Instrument :
BNA_G
ClientSampled :
SA-01-101921

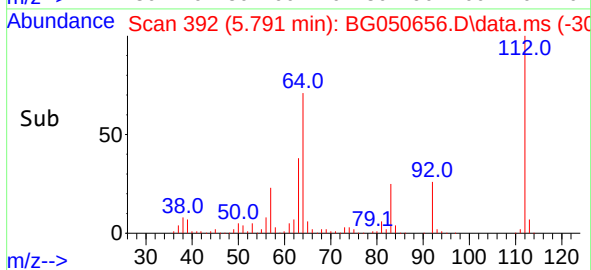
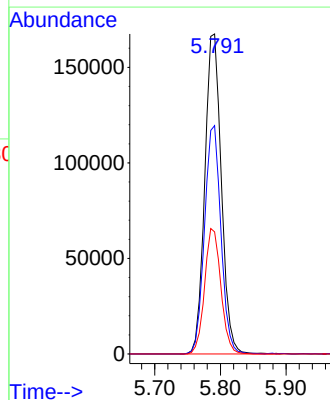
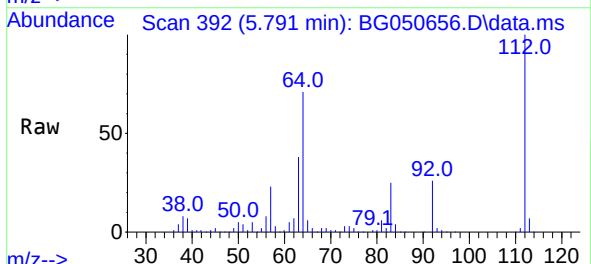
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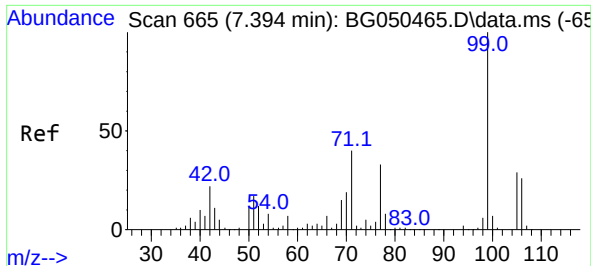
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#5
2-Fluorophenol
Concen: 93.56 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion:112 Resp: 294126
Ion Ratio Lower Upper
112 100
64 71.4 46.7 70.1#
63 38.2 35.3 52.9





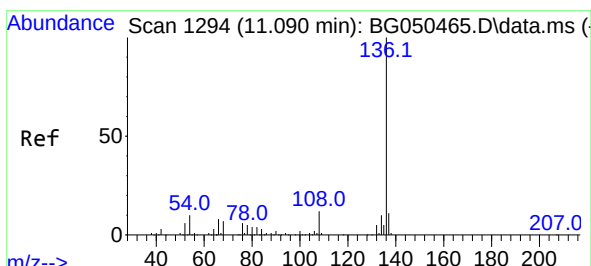
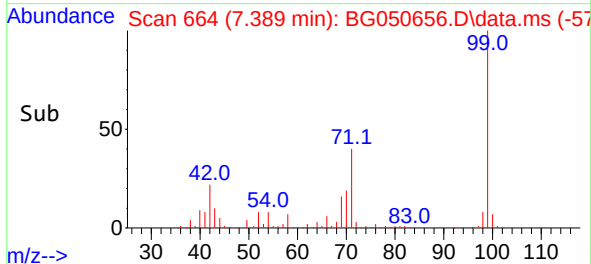
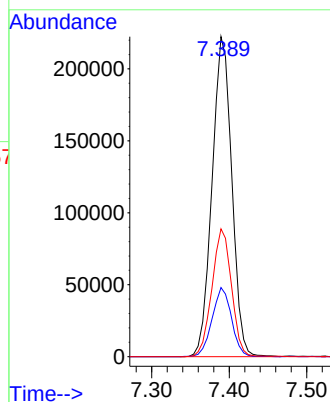
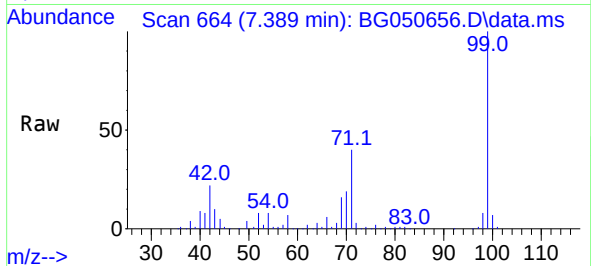
#7
Phenol-d6
Concen: 86.33 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.011 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion: 99 Resp: 392945
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 40.0 41.5 62.3#

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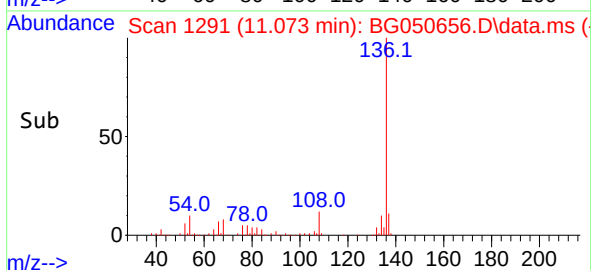
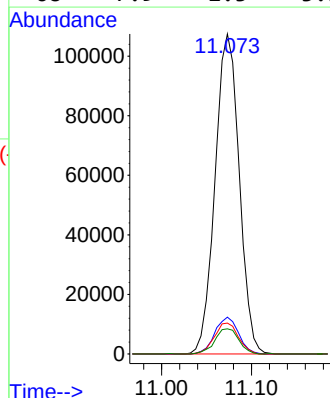
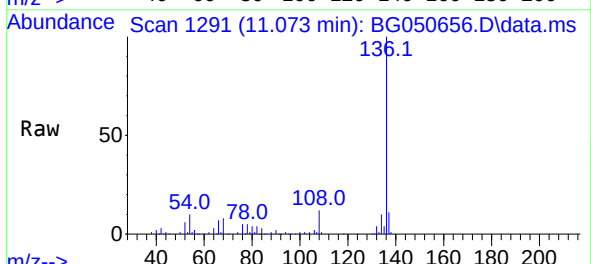
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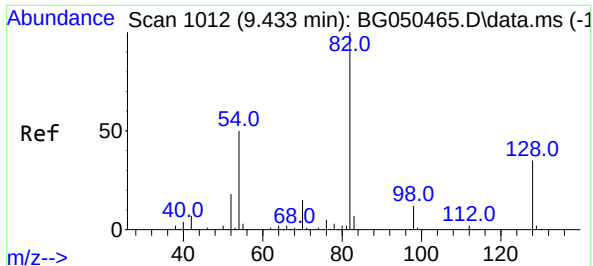
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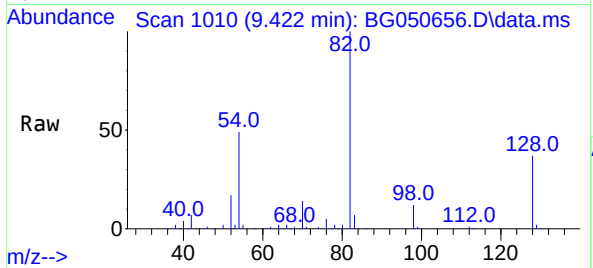
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion: 136 Resp: 200478
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 9.6 5.5 8.3#
68 7.9 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 57.54 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

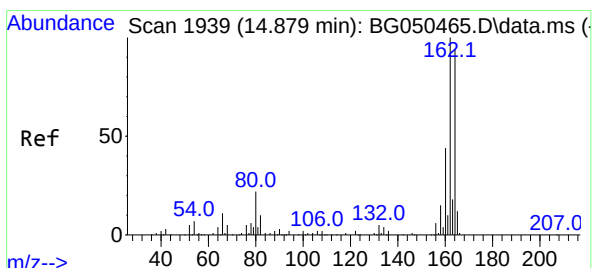
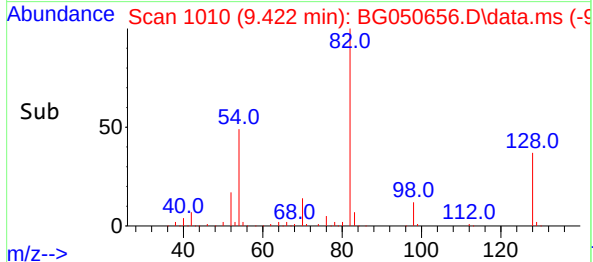
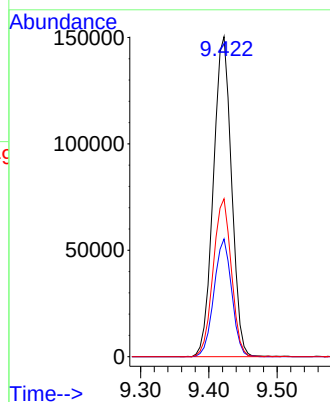


Tgt Ion:	82	Resp:	278683
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.8	44.6
54	49.3	45.8	68.8

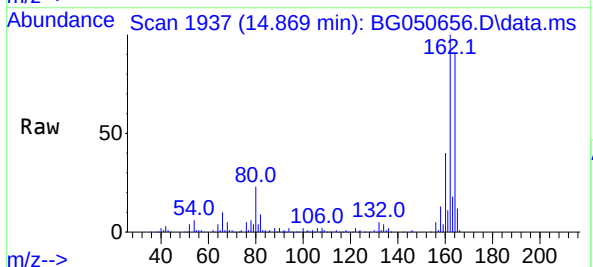
Instrument :
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SA-01-101921

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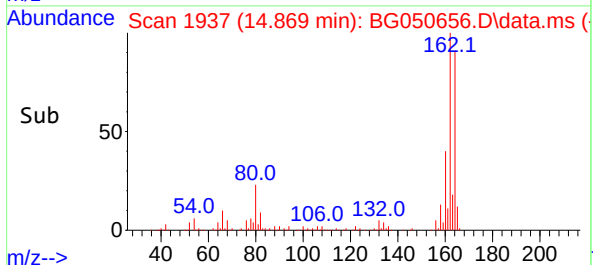
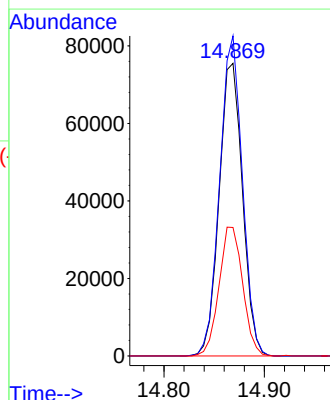
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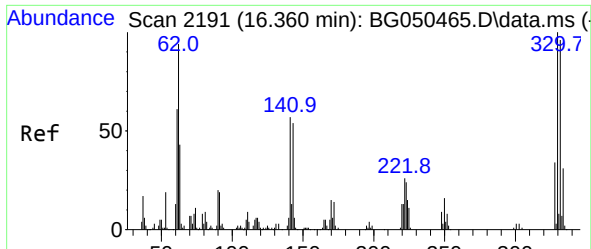


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

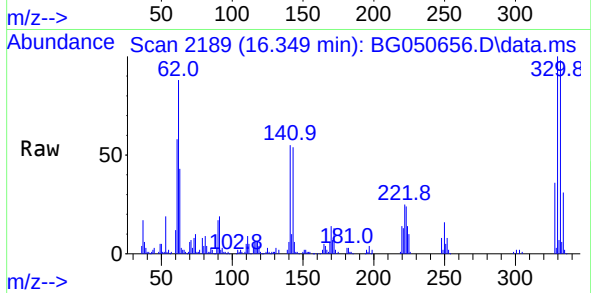


Tgt Ion:	164	Resp:	122243
Ion	Ratio	Lower	Upper
164	100		
162	109.3	81.4	122.0
160	43.9	34.9	52.3

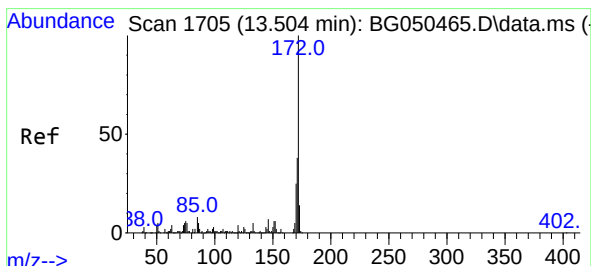
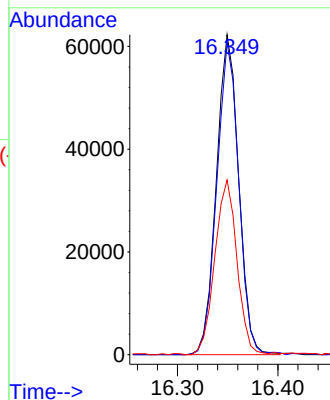
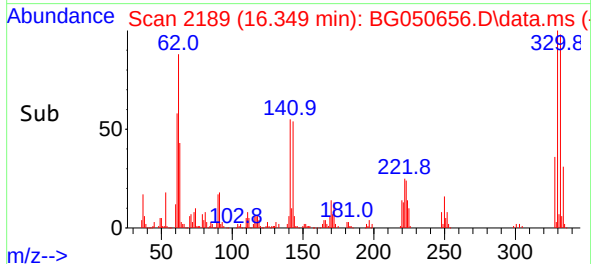




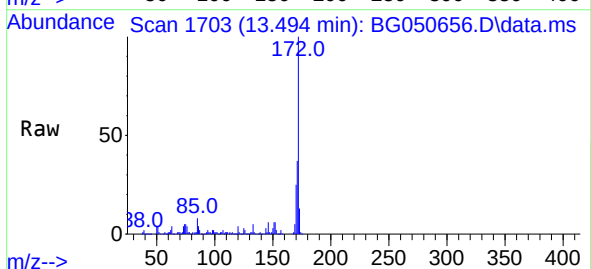
#42
2,4,6-Tribromophenol
Concen: 82.26 ng
RT: 16.349 min Scan# 2189
Delta R.T. -0.011 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17



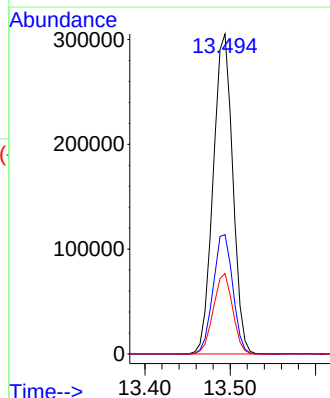
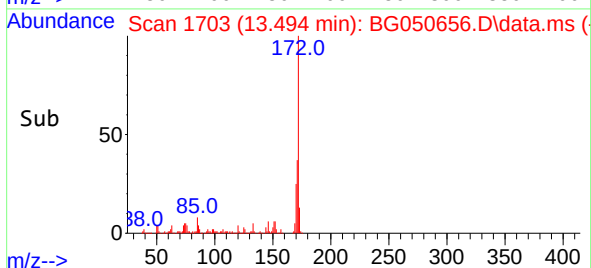
Tgt Ion:330 Resp: 95912
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 54.6 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 59.92 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17



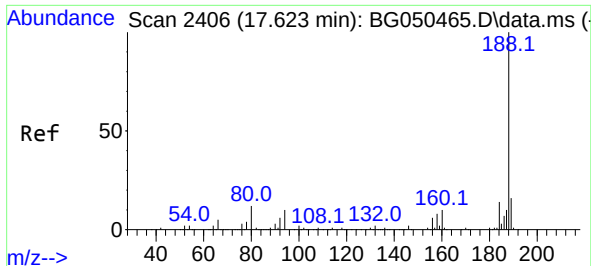
Tgt Ion:172 Resp: 486715
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.1 18.6 27.8



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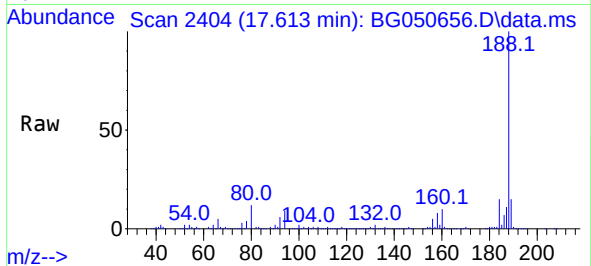
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

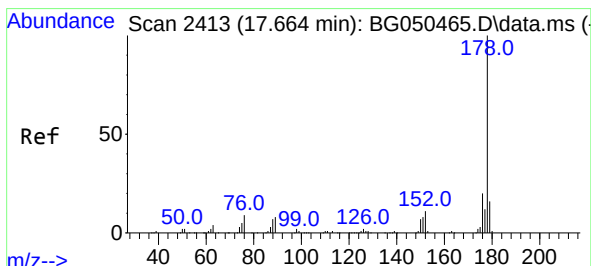
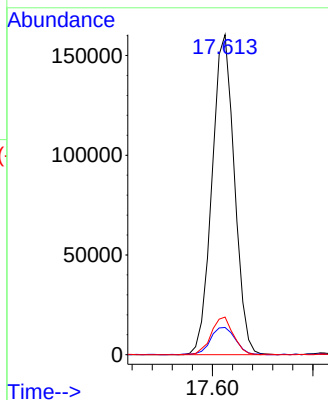
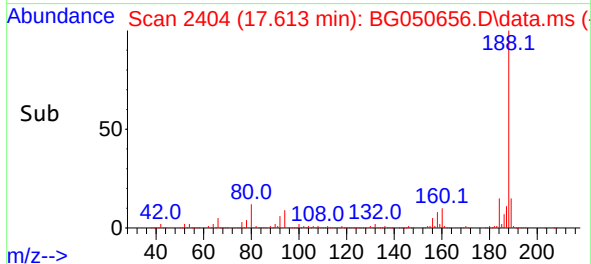
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ClientSampleId :
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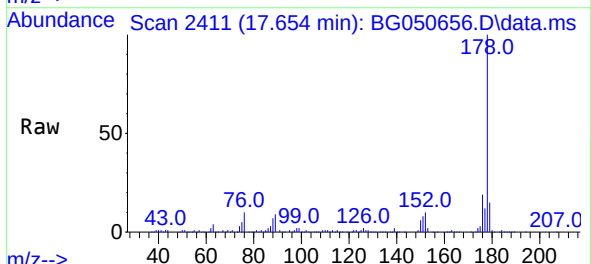
Tgt Ion:188 Resp: 248557
Ion Ratio Lower Upper
188 100
94 8.5 5.4 8.0#
80 11.7 3.7 5.5#

Manual Integrations
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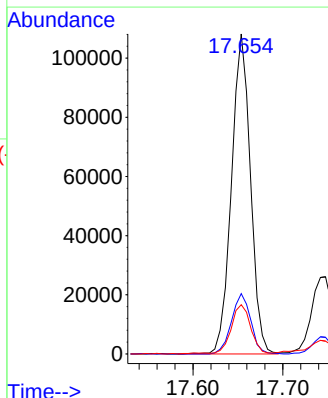
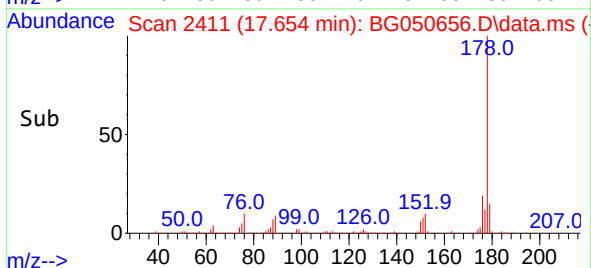
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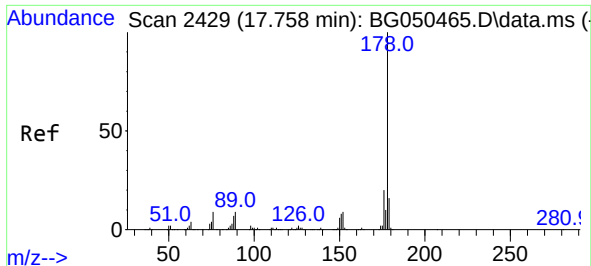


#71
Phenanthrene
Concen: 12.12 ng
RT: 17.654 min Scan# 2411
Delta R.T. -0.011 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

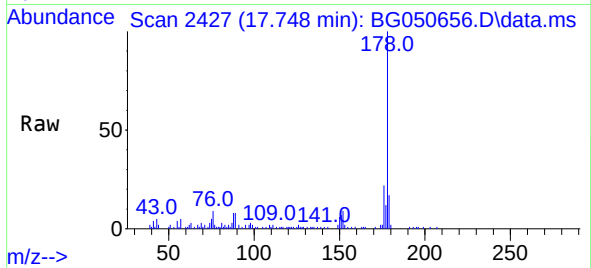


Tgt Ion:178 Resp: 158726
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.4 14.2 21.4

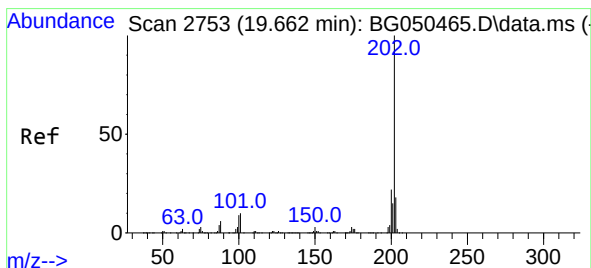
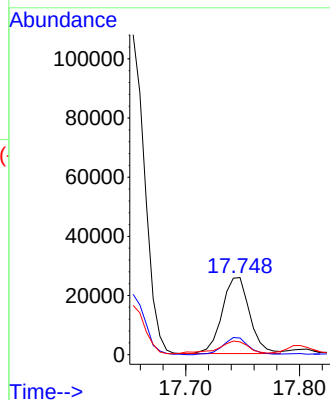
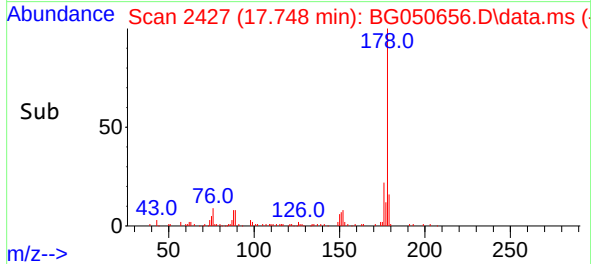




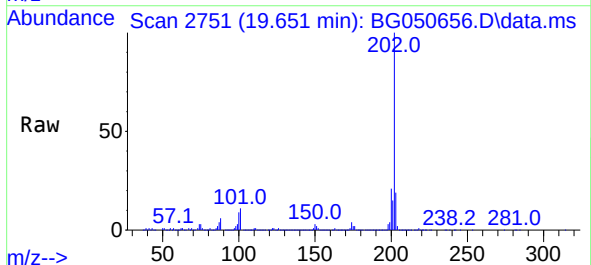
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 Anthracene
 Concen: 3.33 ng
 RT: 17.748 min Scan# 2427
 Delta R.T. -0.005 min
 Lab File: BG050656.D
 Acq: 20 Oct 2021 22:17



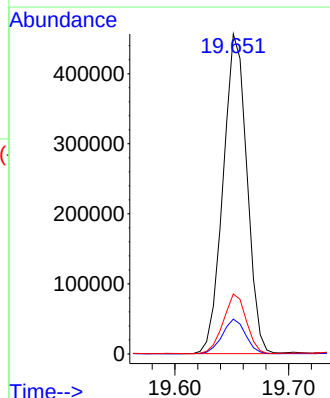
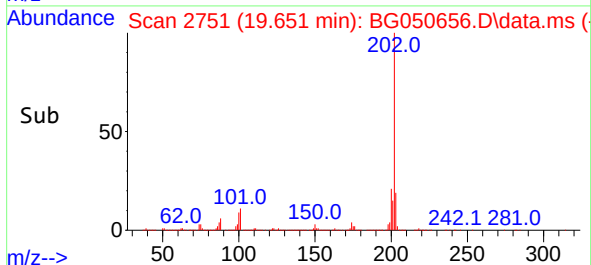
Tgt Ion:178 Resp: 43398
 Ion Ratio Lower Upper
 178 100
 176 21.6 14.6 21.8
 179 16.7 13.4 20.0



#75
 Fluoranthene
 Concen: 41.22 ng
 RT: 19.651 min Scan# 2751
 Delta R.T. -0.011 min
 Lab File: BG050656.D
 Acq: 20 Oct 2021 22:17



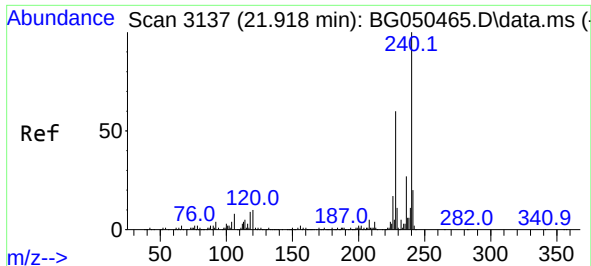
Tgt Ion:202 Resp: 663739
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 24.7
 203 18.7 0.0 38.5



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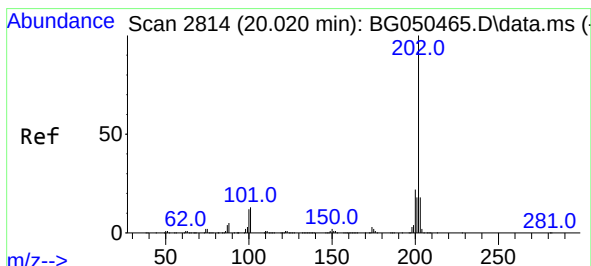
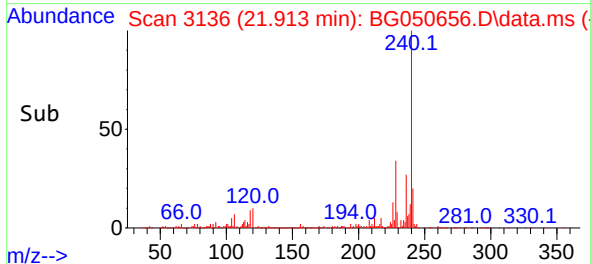
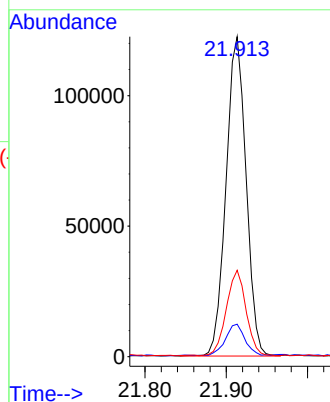
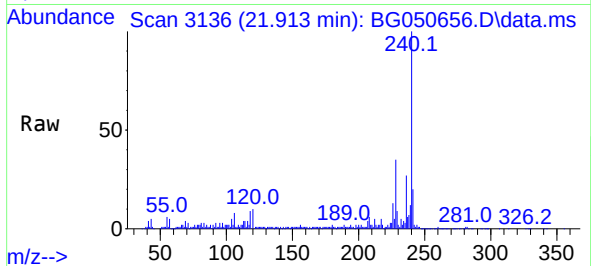
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Chrysene-d12
Concen: 20.00 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion:240 Resp: 209898
Ion Ratio Lower Upper
240 100
120 10.1 4.2 6.2#
236 27.0 21.8 32.6

Instrument :
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ClientSampleId :
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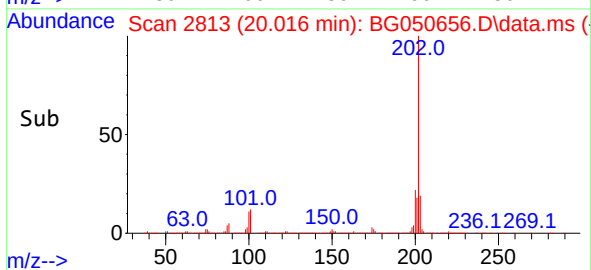
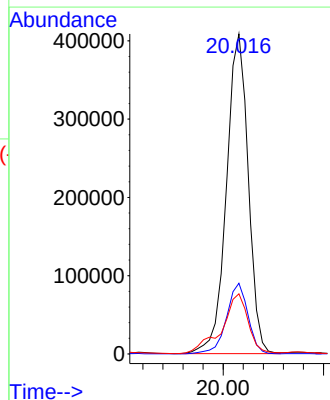
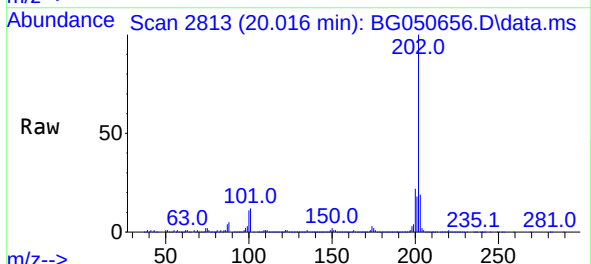
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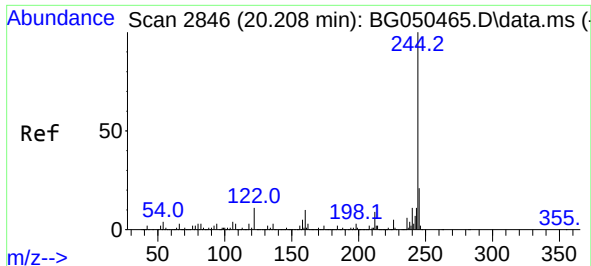
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#78
Pyrene
Concen: 41.31 ng
RT: 20.016 min Scan# 2813
Delta R.T. -0.005 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion:202 Resp: 615217
Ion Ratio Lower Upper
202 100
200 22.1 15.8 23.8
203 18.8 14.6 21.8





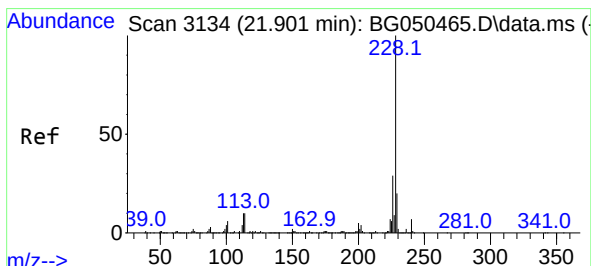
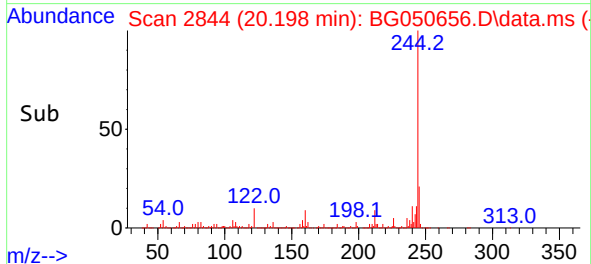
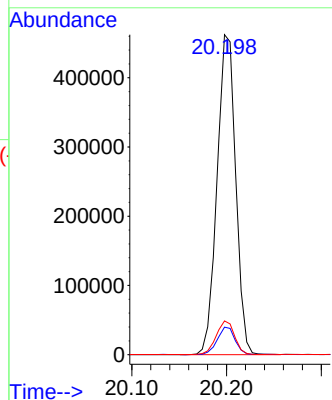
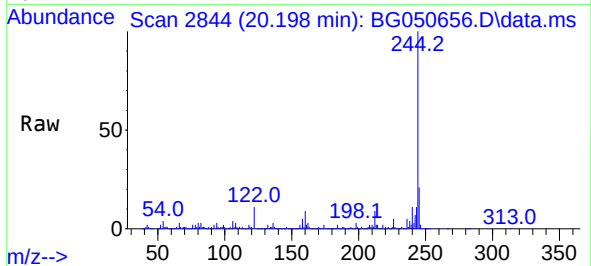
#79
 Terphenyl-d14
 Concen: 58.80 ng
 RT: 20.198 min Scan# 2844
 Delta R.T. -0.011 min
 Lab File: BG050656.D
 Acq: 20 Oct 2021 22:17

Tgt Ion:244 Resp: 633257
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 10.5 5.0 7.6#

Instrument :
 BNA_G
 ClientSampled :
 SA-01-101921

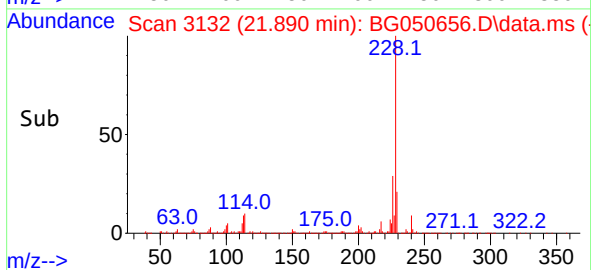
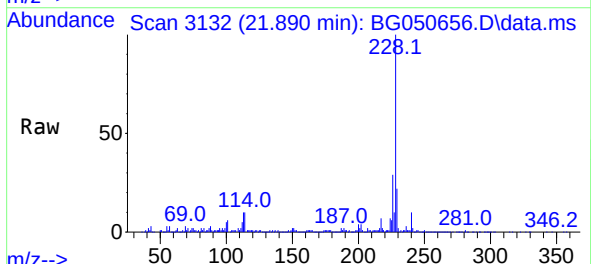
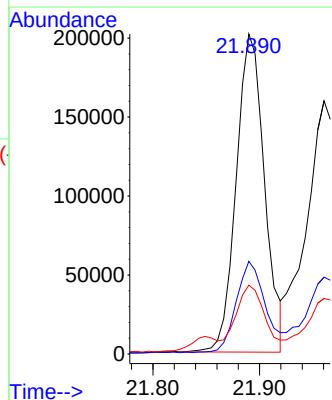
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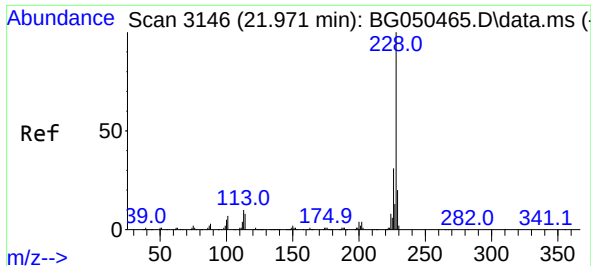
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#81
 Benzo(a)anthracene
 Concen: 26.72 ng
 RT: 21.890 min Scan# 3132
 Delta R.T. -0.011 min
 Lab File: BG050656.D
 Acq: 20 Oct 2021 22:17

Tgt Ion:228 Resp: 371080
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.7 34.1
 229 21.5 16.0 24.0





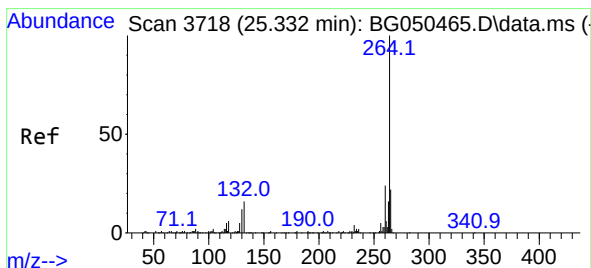
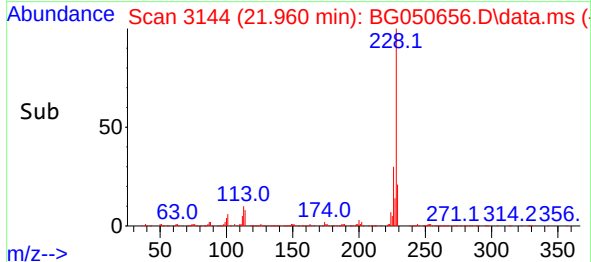
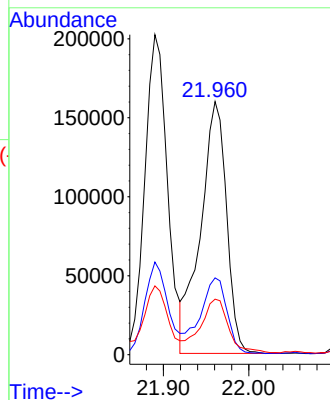
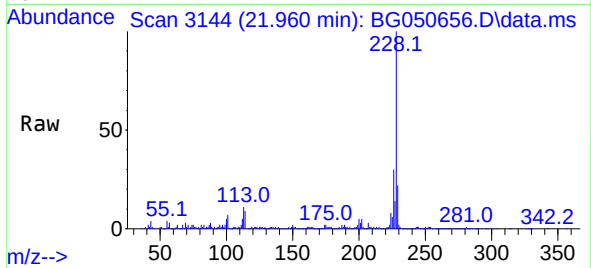
#83
Chrysene
Concen: 25.85 ng
RT: 21.960 min Scan# 3144
Delta R.T. -0.011 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion:228 Resp: 337699
Ion Ratio Lower Upper
228 100
226 30.3 23.1 34.7
229 21.9 15.3 22.9

Instrument :
BNA_G
ClientSampled :
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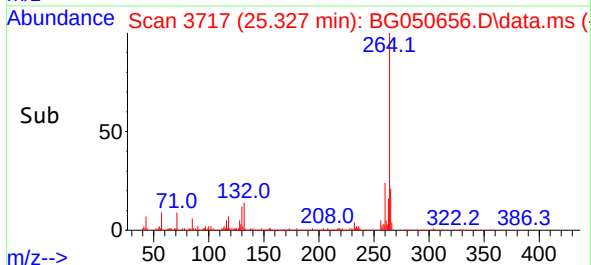
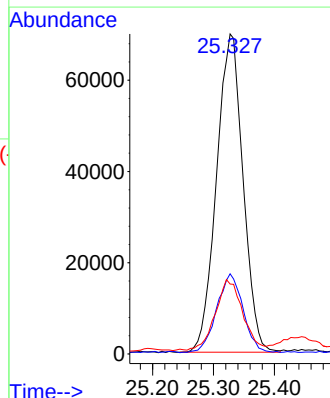
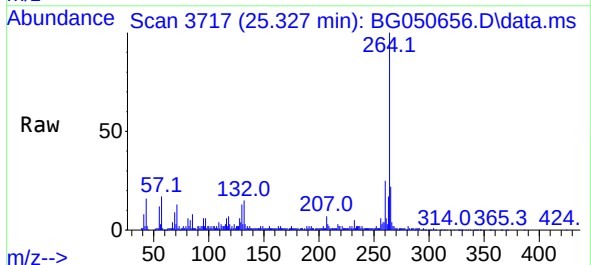
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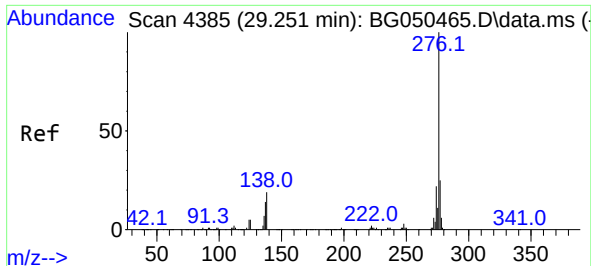
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion:264 Resp: 211040
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 21.8 16.9 25.3





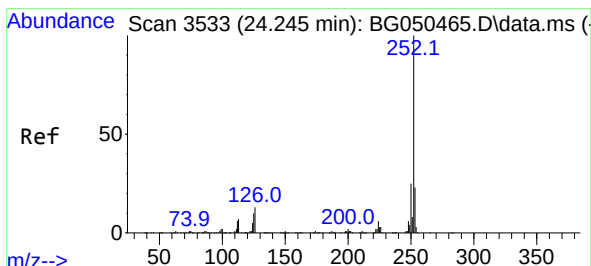
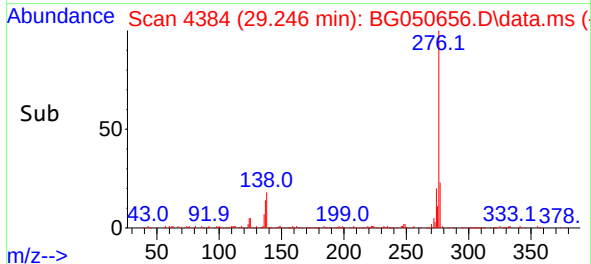
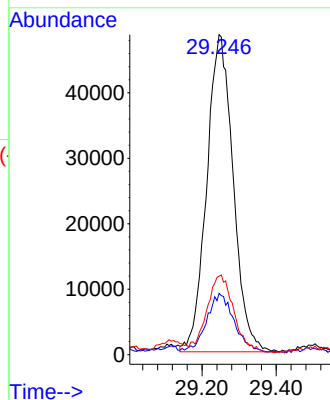
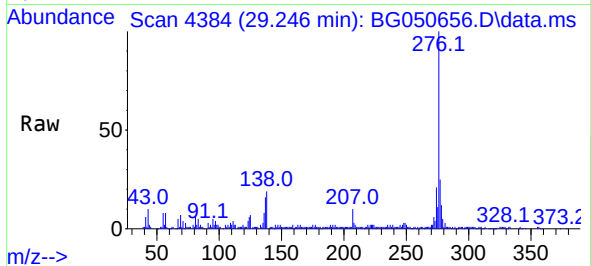
#87
Indeno(1,2,3-cd)pyrene
Concen: 16.34 ng
RT: 29.246 min Scan# 4384
Delta R.T. -0.017 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion: 276 Resp: 240215
Ion Ratio Lower Upper
276 100
138 19.1 5.1 7.7#
277 24.4 19.8 29.6

Instrument :
BNA_G
ClientSampled :
SA-01-101921

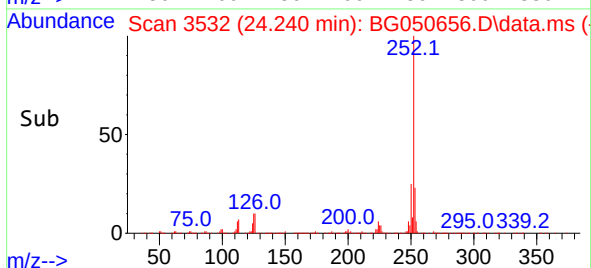
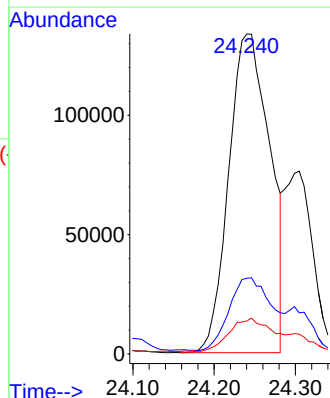
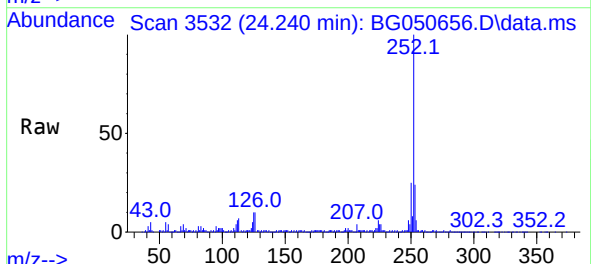
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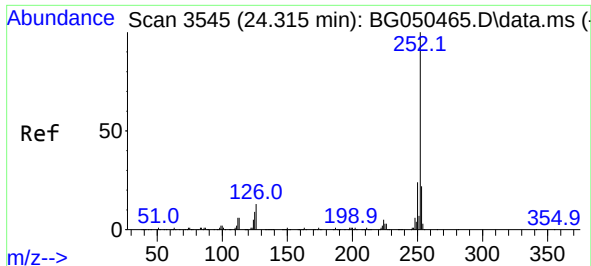
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#88
Benzo(b)fluoranthene
Concen: 36.32 ng
RT: 24.240 min Scan# 3532
Delta R.T. -0.005 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion: 252 Resp: 469421
Ion Ratio Lower Upper
252 100
253 23.7 16.2 24.4
125 10.3 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 14.22 ng m

RT: 24.305 min Scan# 3543

Delta R.T. -0.011 min

Lab File: BG050656.D

Acq: 20 Oct 2021 22:17

Tgt Ion:	252	Resp:	180787
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	10.9	3.1	4.7#

Instrument :

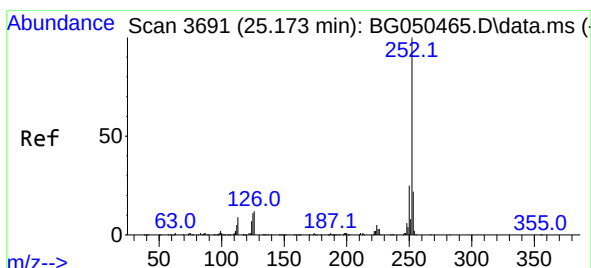
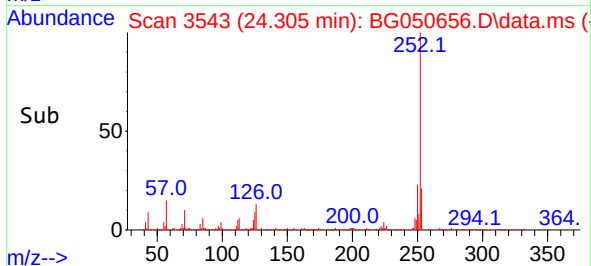
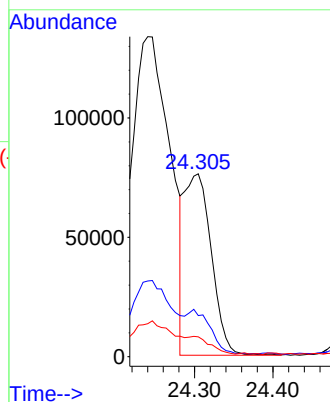
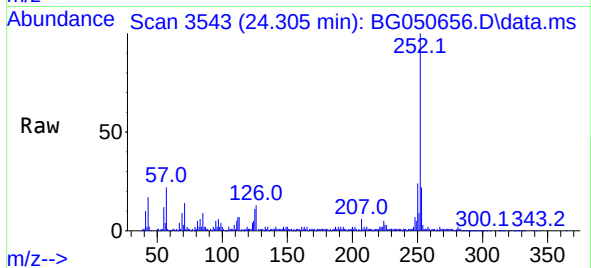
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ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 31.68 ng

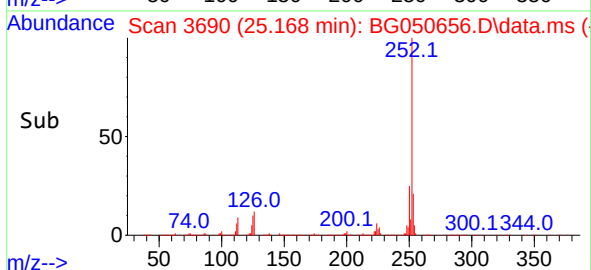
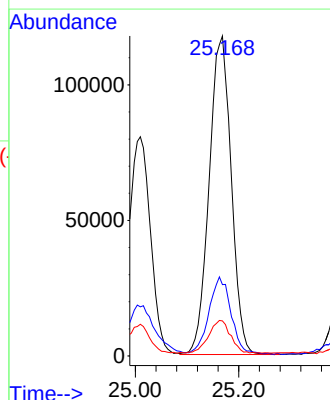
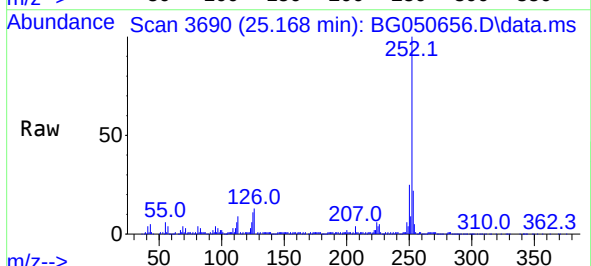
RT: 25.168 min Scan# 3690

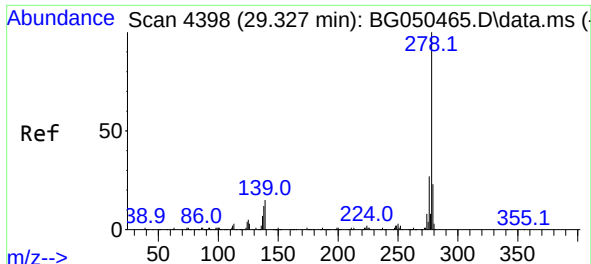
Delta R.T. -0.005 min

Lab File: BG050656.D

Acq: 20 Oct 2021 22:17

Tgt Ion:	252	Resp:	348135
Ion Ratio	Lower	Upper	
252	100		
253	22.3	16.6	25.0
125	10.9	3.5	5.3#





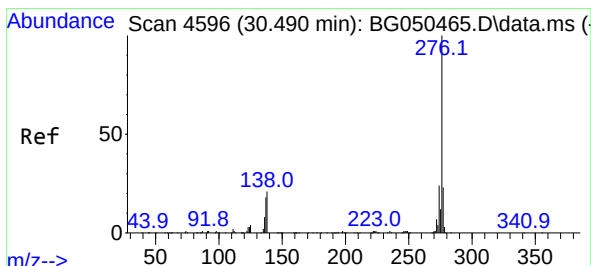
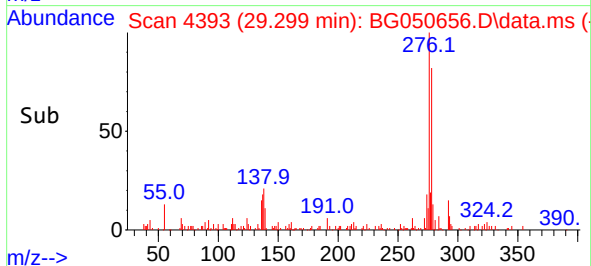
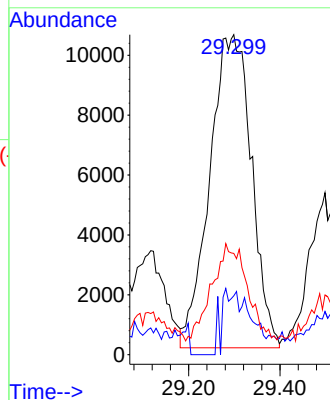
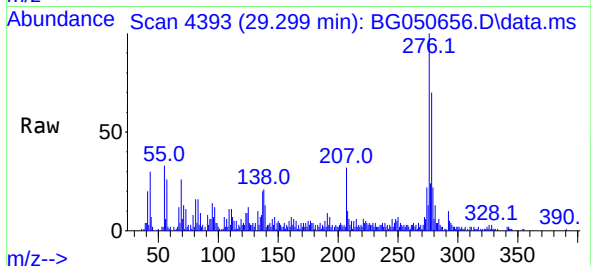
#91
Dibenzo(a,h)anthracene
Concen: 5.46 ng m
RT: 29.299 min Scan# 4393
Delta R.T. -0.035 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion:278 Resp: 66375
Ion Ratio Lower Upper
278 100
139 18.4 4.6 6.8#
279 31.7 17.9 26.9#

Instrument :
BNA_G
ClientSampled :
SA-01-101921

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#92
Benzo(g,h,i)perylene
Concen: 18.84 ng
RT: 30.486 min Scan# 4595
Delta R.T. -0.011 min
Lab File: BG050656.D
Acq: 20 Oct 2021 22:17

Tgt Ion:276 Resp: 224291
Ion Ratio Lower Upper
276 100
277 23.7 18.4 27.6
138 21.5 7.0 10.6#

