

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050720.D
 Acq On : 25 Oct 2021 21:30
 Operator : CG/JU
 Sample : M4290-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Manual Integrations
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Quant Time: Oct 26 02:16:26 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	8.249	152	40257	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	167036	20.000	ng	# 0.00
39) Acenaphthene-d10	14.865	164	106343	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	223474	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	189494	20.000	ng	# 0.00
86) Perylene-d12	25.329	264	191414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	250682	93.128	ng	0.00
7) Phenol-d6	7.397	99	341460	87.615	ng	0.00
23) Nitrobenzene-d5	9.419	82	244347	60.555	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	92016	90.716	ng	0.00
45) 2-Fluorobiphenyl	13.490	172	411488	58.236	ng	-0.01
79) Terphenyl-d14	20.200	244	582259	59.882	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.936	154	21512	3.430	ng	90
71) Phenanthrene	17.656	178	56001	4.755	ng	99
72) Anthracene	17.744	178	27802	2.376	ng	98
75) Fluoranthene	19.654	202	195632	13.514	ng	96
78) Pyrene	20.018	202	207158	15.408	ng	99
81) Benzo(a)anthracene	21.892	228	66209m	5.280	ng	
83) Chrysene	21.963	228	60328	5.115	ng	# 94
88) Benzo(b)fluoranthene	24.236	252	55440	4.729	ng	# 89
90) Benzo(a)pyrene	25.165	252	49732	4.990	ng	# 93
92) Benzo(g,h,i)perylene	30.494	276	24262	2.246	ng	# 84

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

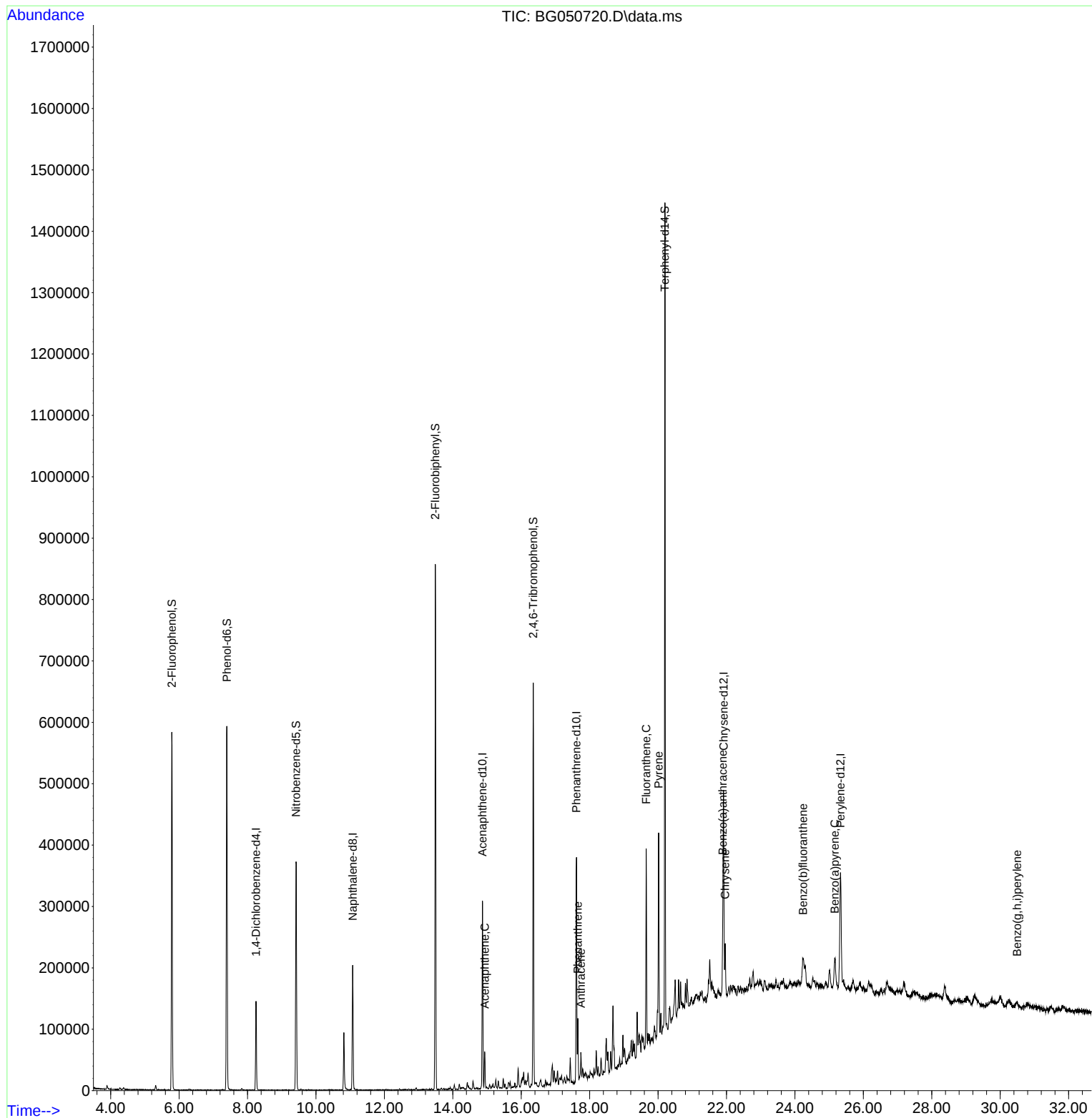
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050720.D
Acq On : 25 Oct 2021 21:30
Operator : CG/JU
Sample : M4290-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

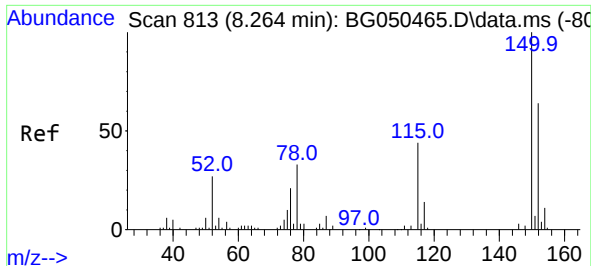
Instrument :
BNA_G
ClientSampleId :
TP-1

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Quant Time: Oct 26 02:16:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





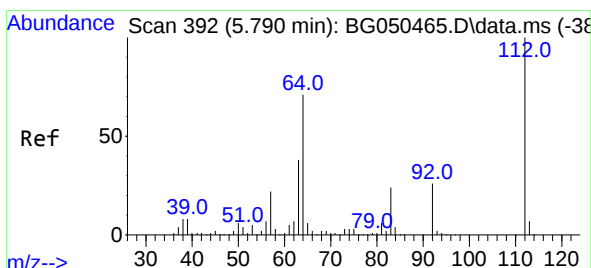
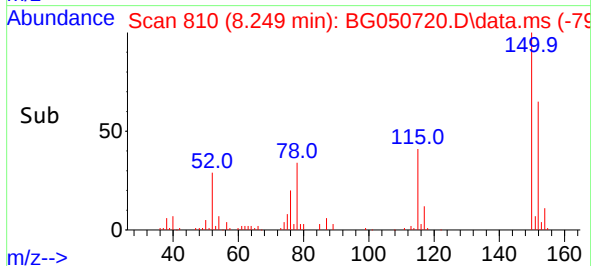
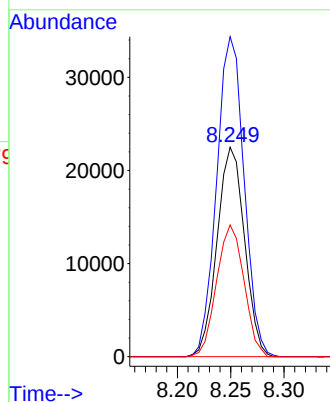
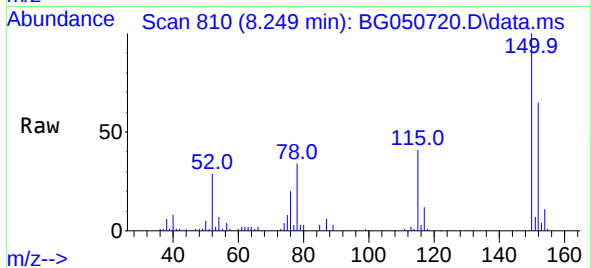
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.249 min Scan# 810
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

Tgt Ion:152 Resp: 40257
Ion Ratio Lower Upper
152 100
150 152.8 119.4 179.0
115 62.9 60.2 90.4

Instrument :
BNA_G
ClientSampled :
TP-1

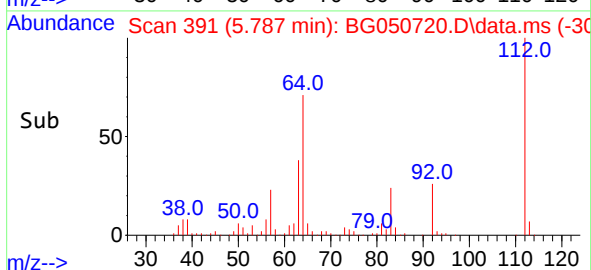
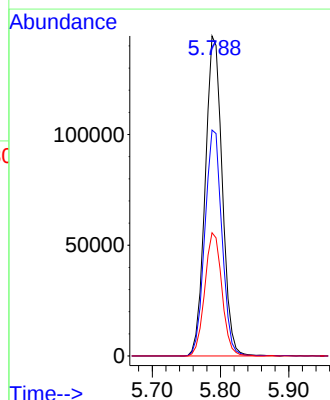
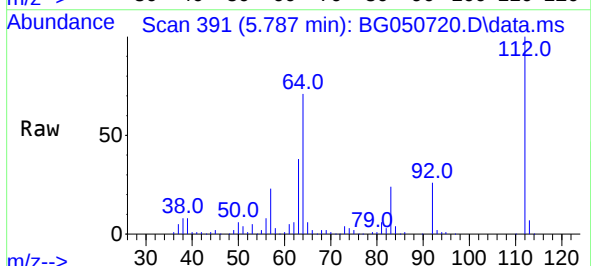
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#5
2-Fluorophenol
Concen: 93.128 ng
RT: 5.787 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

Tgt Ion:112 Resp: 250682
Ion Ratio Lower Upper
112 100
64 70.6 46.7 70.1#
63 38.5 35.3 52.9





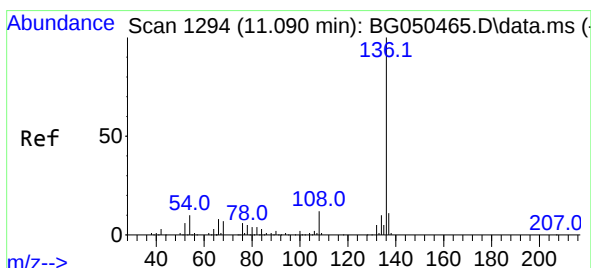
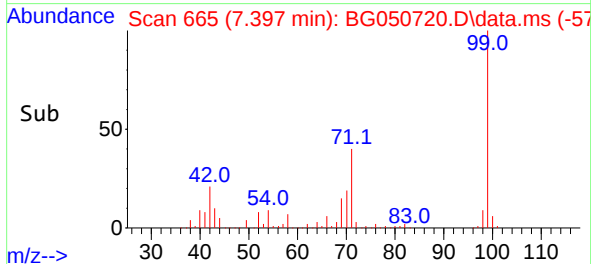
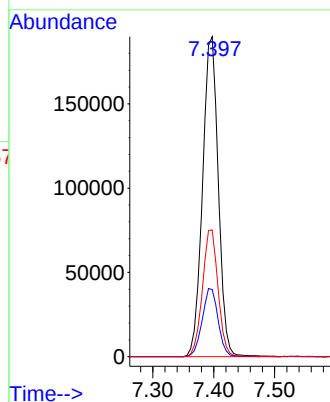
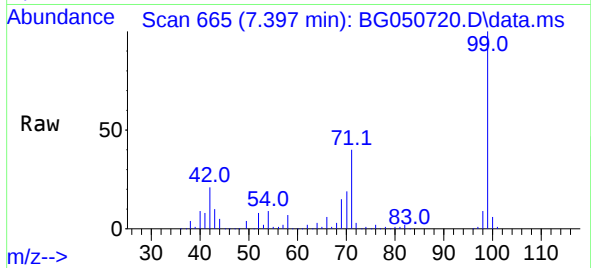
#7
Phenol-d6
Concen: 87.615 ng
RT: 7.397 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 99 Resp: 341460
Ion Ratio Lower Upper
99 100
42 21.0 20.5 30.7
71 39.6 41.5 62.3#

Instrument :
BNA_G
ClientSampled :
TP-1

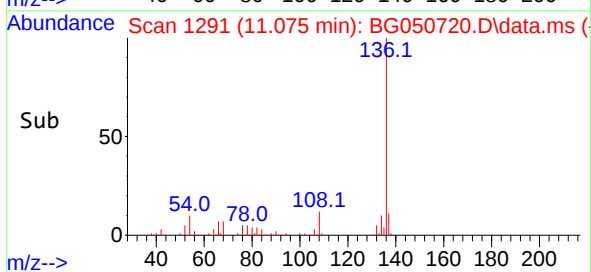
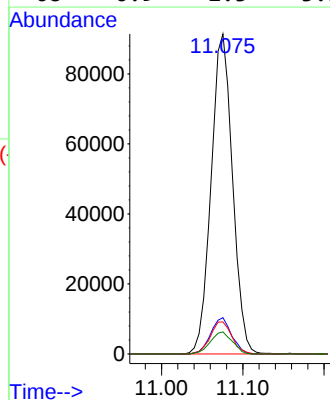
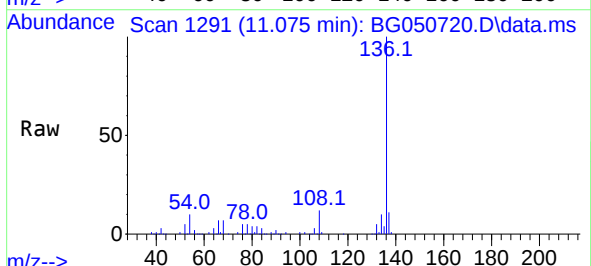
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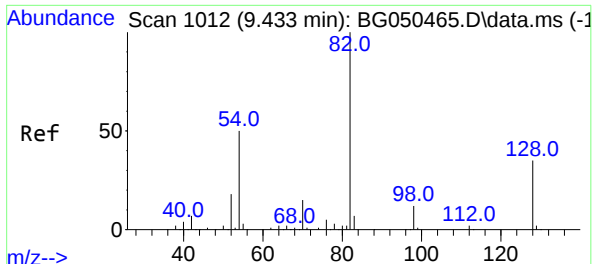
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.075 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

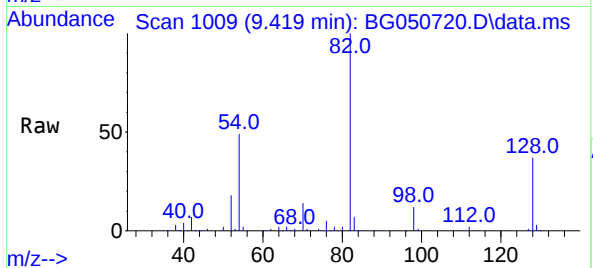
Tgt Ion: 136 Resp: 167036
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 10.0 5.5 8.3#
68 6.9 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 60.555 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

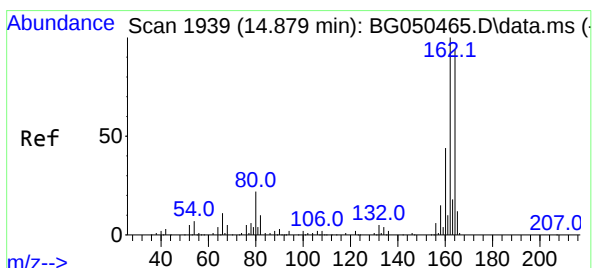
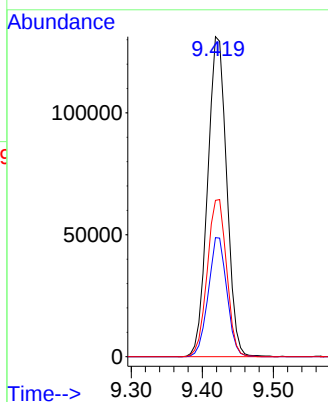
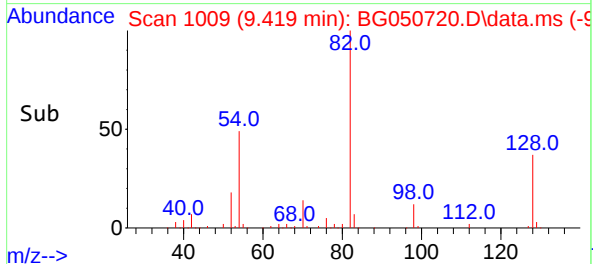
Instrument :
BNA_G
ClientSampled :
TP-1



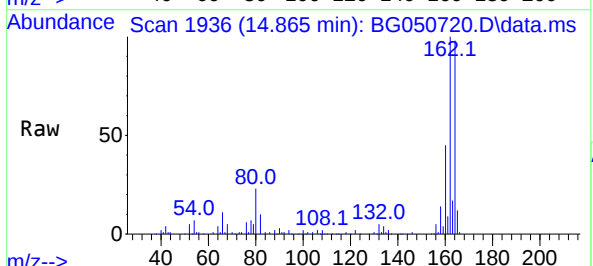
Tgt Ion: 82 Resp: 244347
Ion Ratio Lower Upper
82 100
128 37.2 29.8 44.6
54 48.9 45.8 68.8

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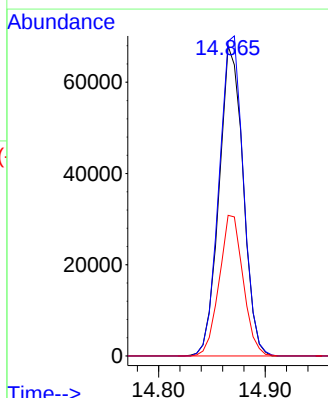
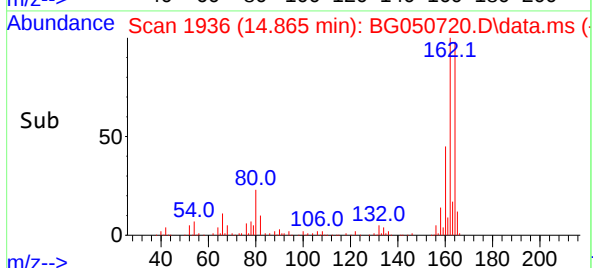
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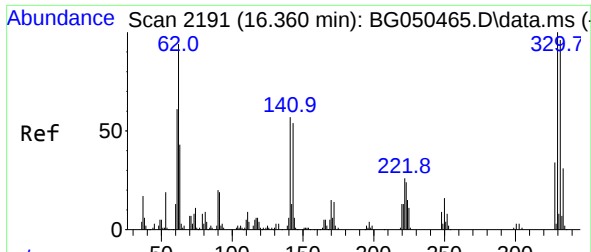


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.865 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30



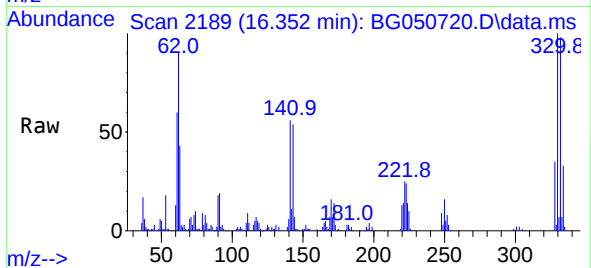
Tgt Ion: 164 Resp: 106343
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 45.4 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 90.716 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

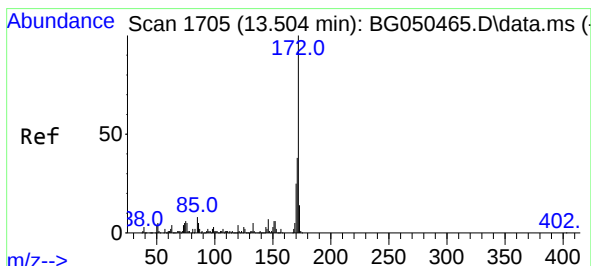
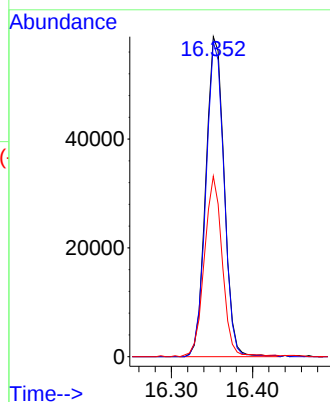
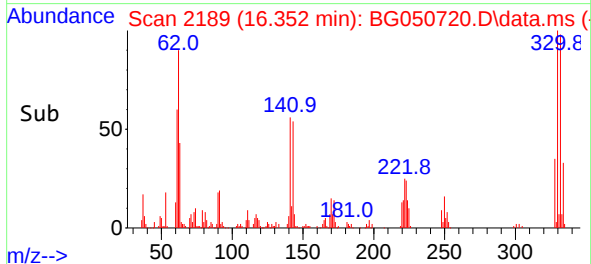
Instrument :
BNA_G
ClientSampled :
TP-1



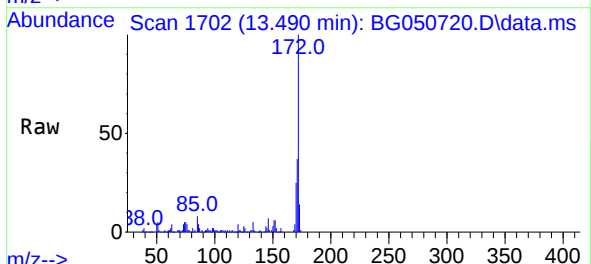
Tgt Ion:330 Resp: 92016
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 55.4 35.6 53.4#

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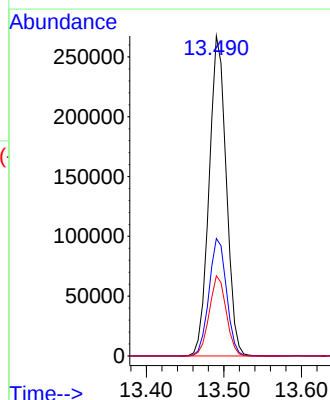
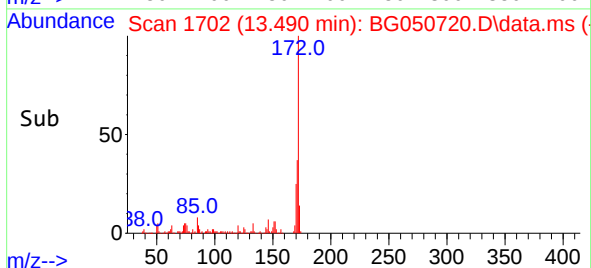
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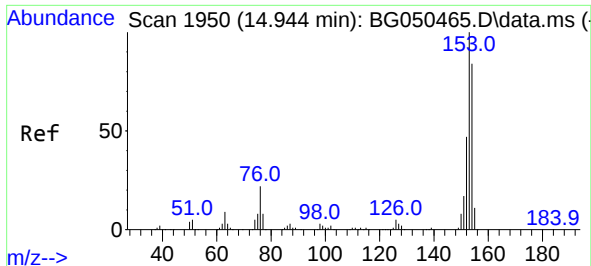


#45
2-Fluorobiphenyl
Concen: 58.236 ng
RT: 13.490 min Scan# 1702
Delta R.T. -0.015 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30



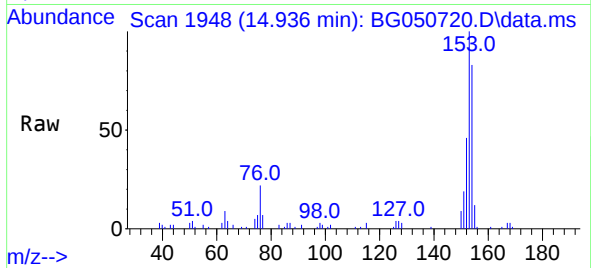
Tgt Ion:172 Resp: 411488
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 25.0 18.6 27.8





#52
Acenaphthene
Concen: 3.430 ng
RT: 14.936 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

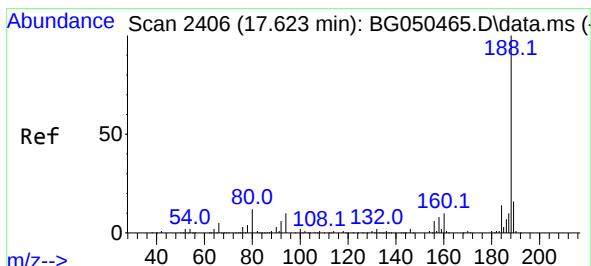
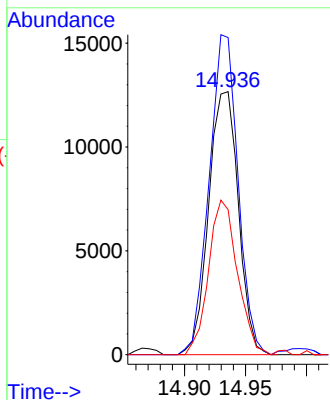
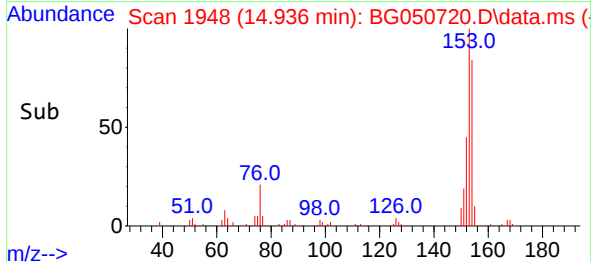
Instrument :
BNA_G
ClientSampled :
TP-1



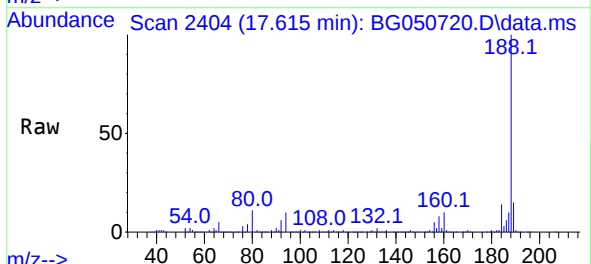
Tgt Ion:154 Resp: 21512
Ion Ratio Lower Upper
154 100
153 120.6 87.0 130.4
152 55.1 40.1 60.1

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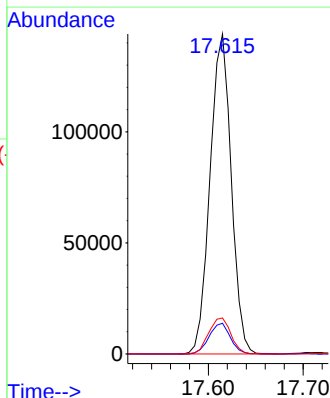
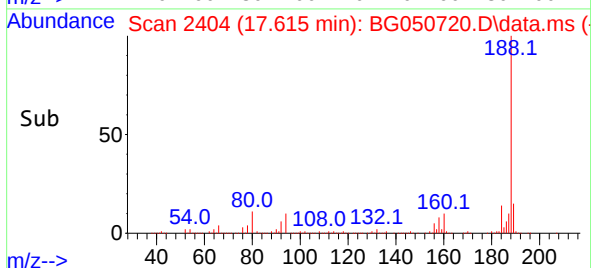
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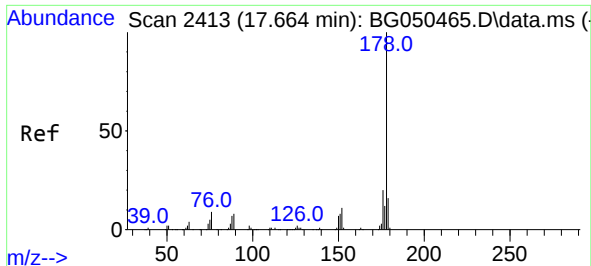


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30



Tgt Ion:188 Resp: 223474
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.3 3.7 5.5#





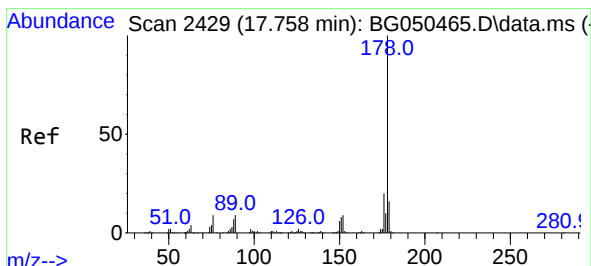
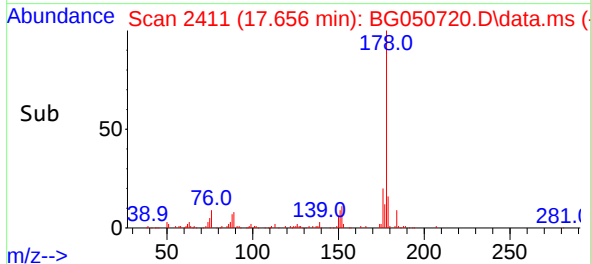
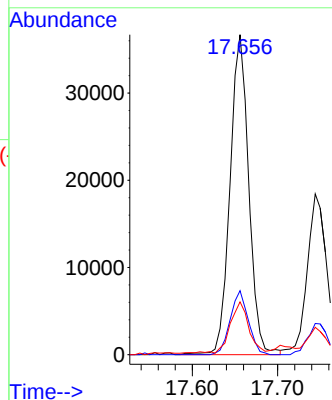
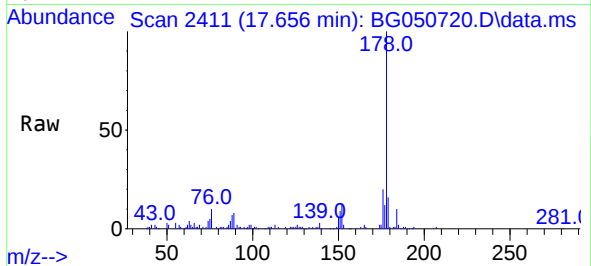
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Phenanthrene
Concen: 4.755 ng
RT: 17.656 min Scan# 2411
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

Tgt Ion:178 Resp: 56001
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 16.5 14.2 21.4

Instrument :
BNA_G
ClientSampled :
TP-1

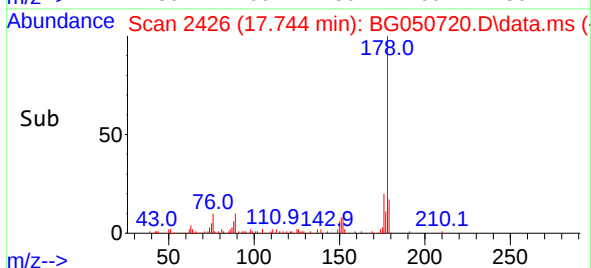
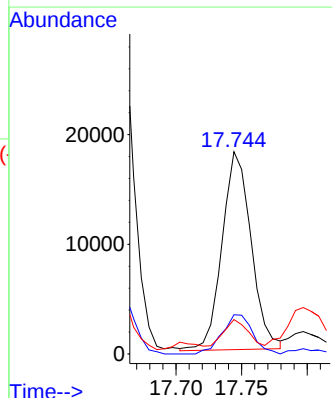
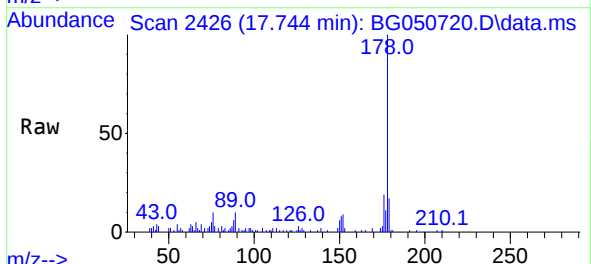
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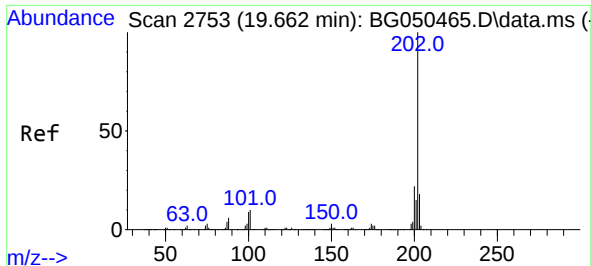
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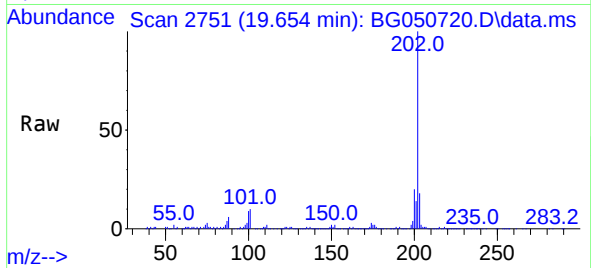
#72
Anthracene
Concen: 2.376 ng
RT: 17.744 min Scan# 2426
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

Tgt Ion:178 Resp: 27802
Ion Ratio Lower Upper
178 100
176 19.4 14.6 21.8
179 17.0 13.4 20.0

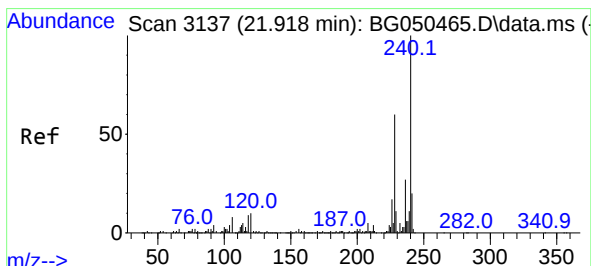
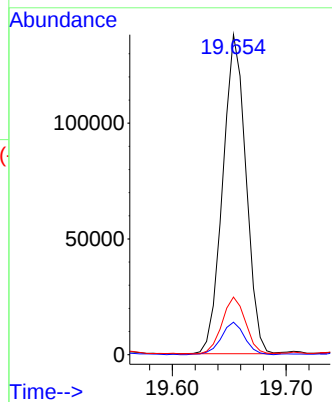
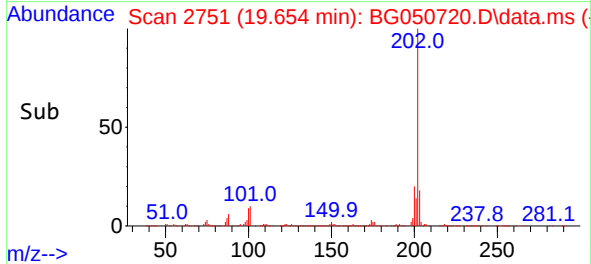




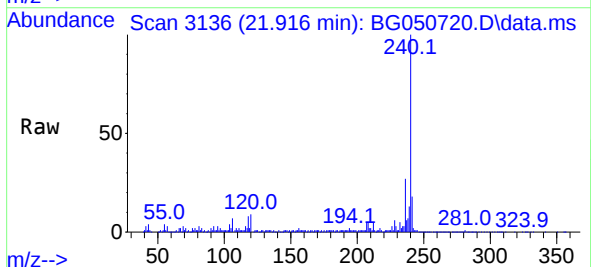
#75
Fluoranthene
Concen: 13.514 ng
RT: 19.654 min Scan# 2751
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30



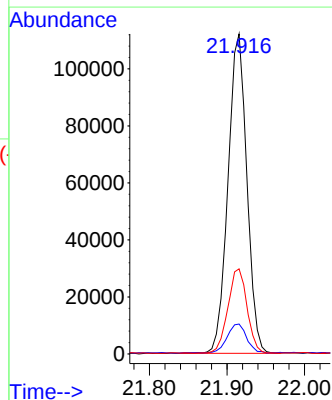
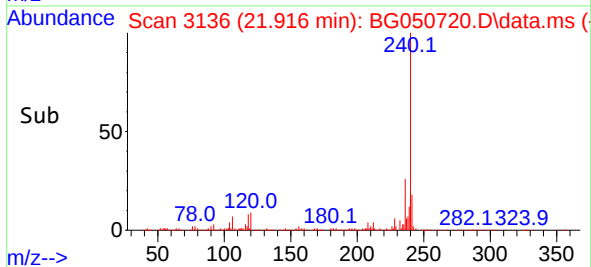
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Ion Ratio Lower Upper
202 100
101 10.2 0.0 24.7
203 18.0 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30



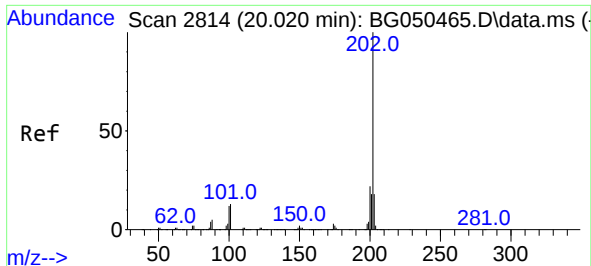
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Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 26.6 21.8 32.6



Instrument :
BNA_G
ClientSampleId :
TP-1

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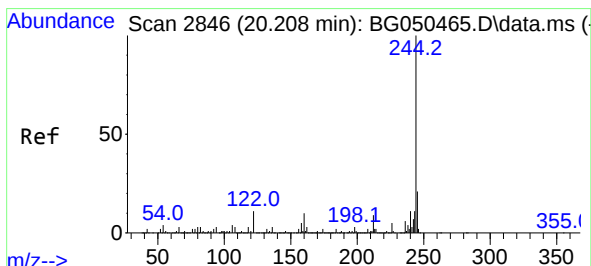
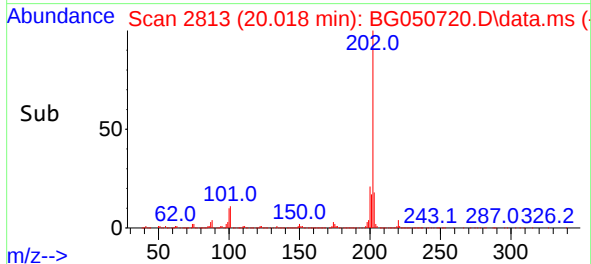
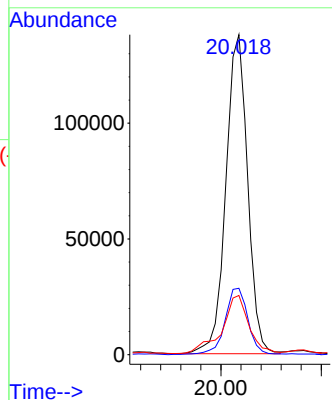
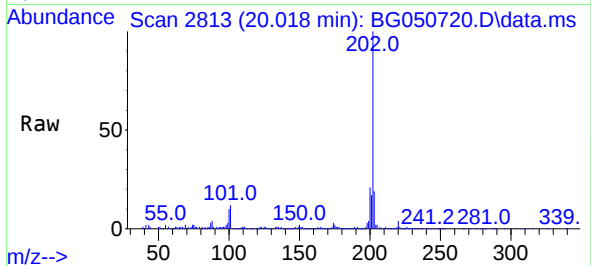
#78
Pyrene
Concen: 15.408 ng
RT: 20.018 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

Tgt Ion:	202	Resp:	207158
Ion Ratio	Lower	Upper	
202	100		
200	20.8	15.8	23.8
203	18.5	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
TP-1

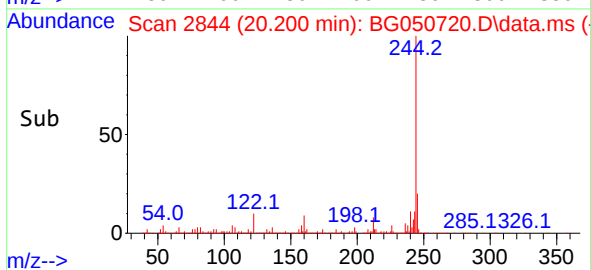
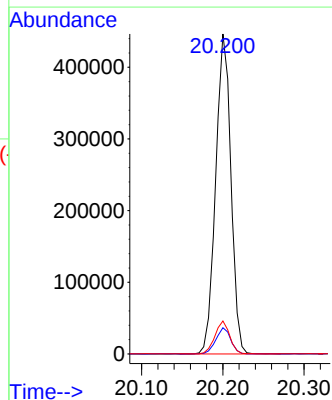
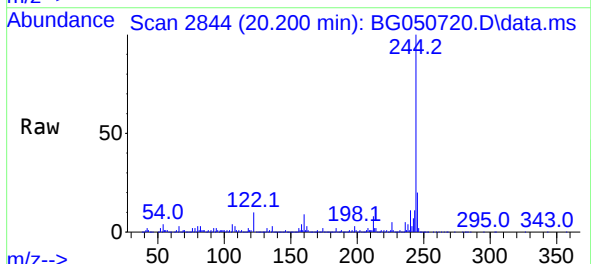
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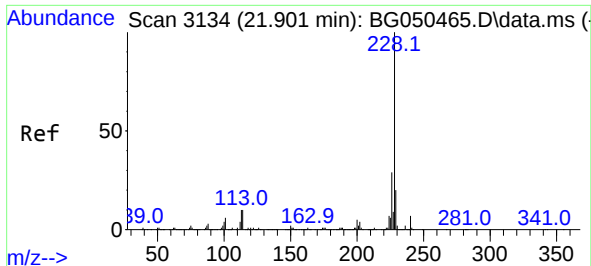
mohammad
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#79
Terphenyl-d14
Concen: 59.882 ng
RT: 20.200 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

Tgt Ion:	244	Resp:	582259
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.9	10.3
122	10.3	5.0	7.6#





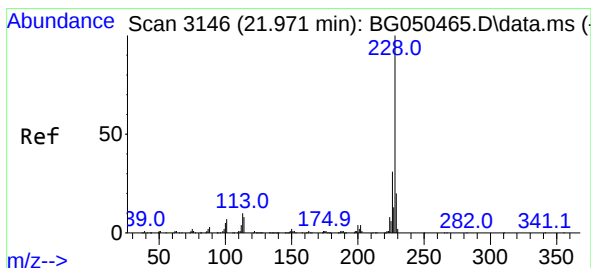
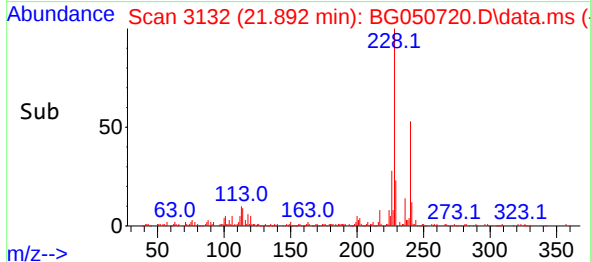
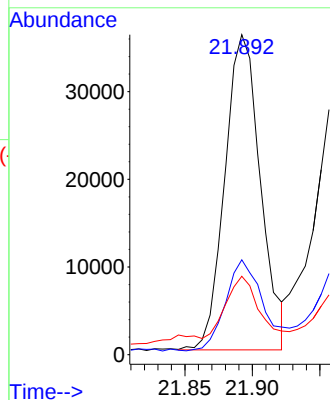
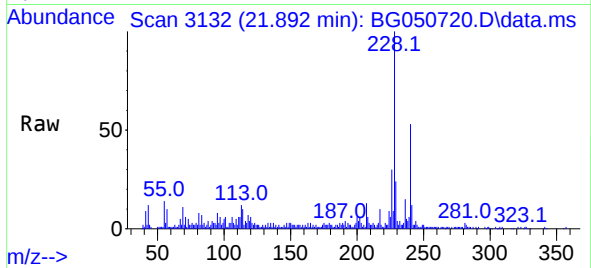
#81
Benzo(a)anthracene
Concen: 5.280 ng m
RT: 21.892 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

Tgt Ion:228 Resp: 66209
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 24.5 16.0 24.0#

Instrument :
BNA_G
ClientSampled :
TP-1

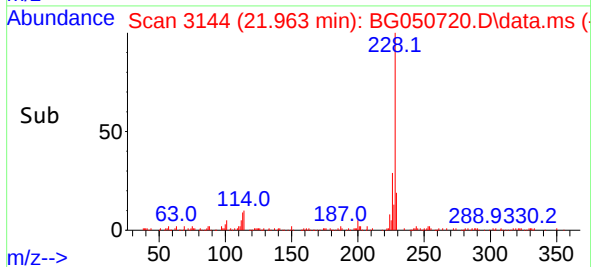
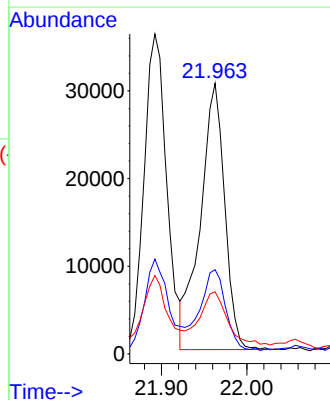
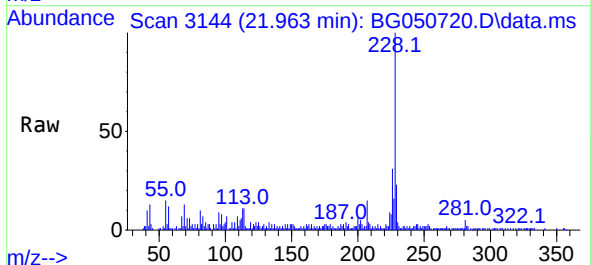
Manual Integrations
APPROVED

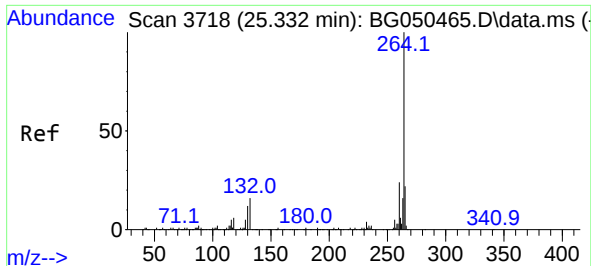
mohammad
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#83
Chrysene
Concen: 5.115 ng
RT: 21.963 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

Tgt Ion:228 Resp: 60328
Ion Ratio Lower Upper
228 100
226 31.2 23.1 34.7
229 23.0 15.3 22.9#





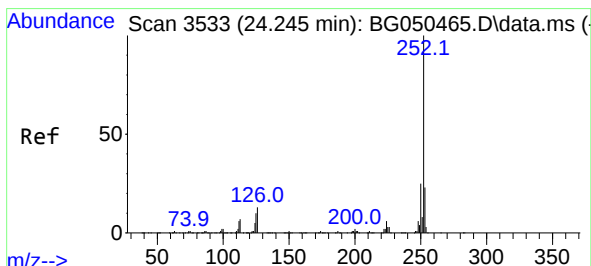
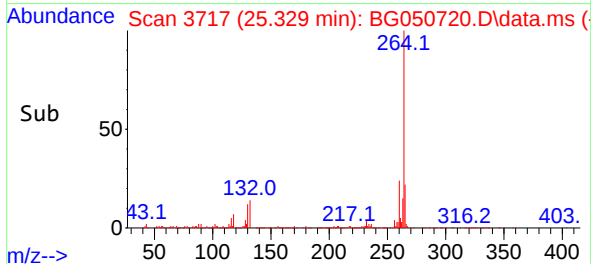
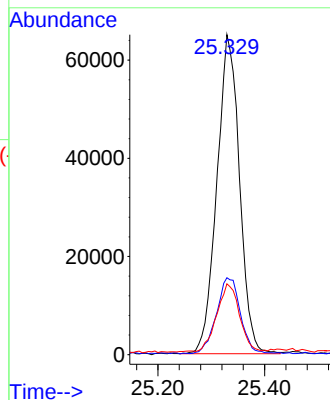
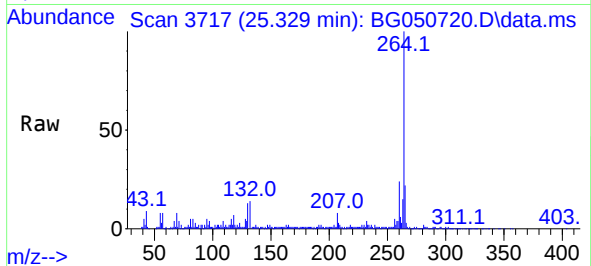
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.329 min Scan# 3717
Delta R.T. -0.003 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

Tgt Ion:264 Resp: 191414
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.2 16.9 25.3

Instrument :
BNA_G
ClientSampled :
TP-1

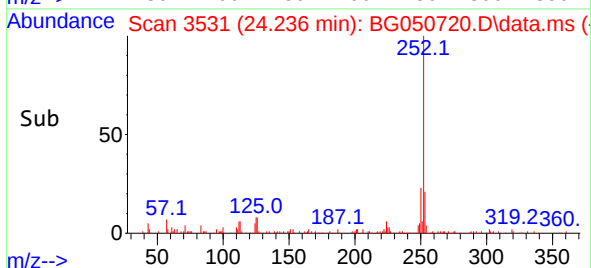
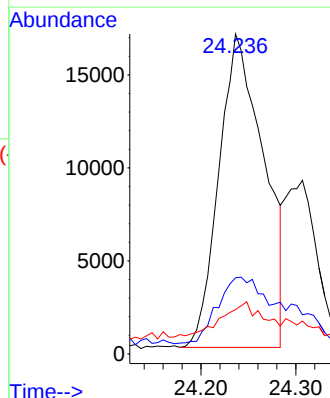
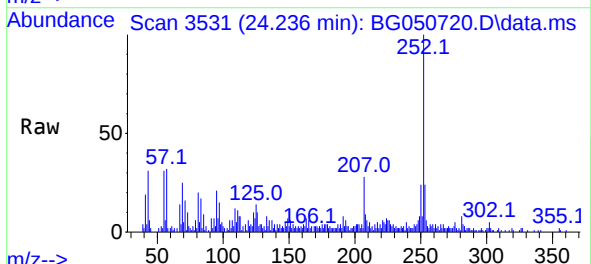
Manual Integrations
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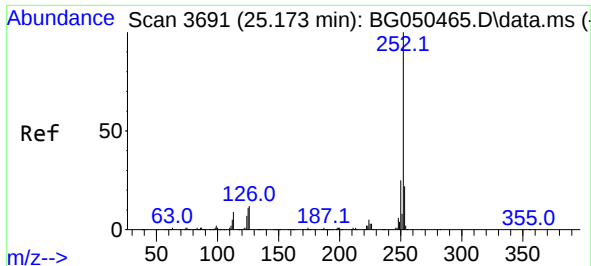
mohammad
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#88
Benzo(b)fluoranthene
Concen: 4.729 ng
RT: 24.236 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

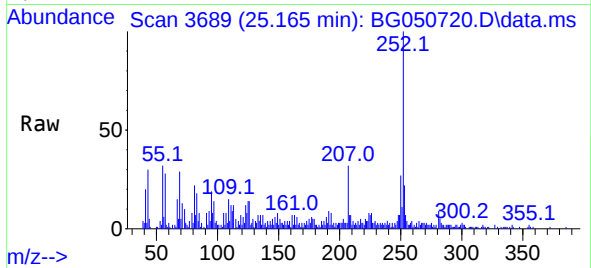
Tgt Ion:252 Resp: 55440
Ion Ratio Lower Upper
252 100
253 23.8 16.2 24.4
125 13.9 3.0 4.4#





#90
Benzo(a)pyrene
Concen: 4.990 ng
RT: 25.165 min Scan# 3689
Delta R.T. -0.009 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30

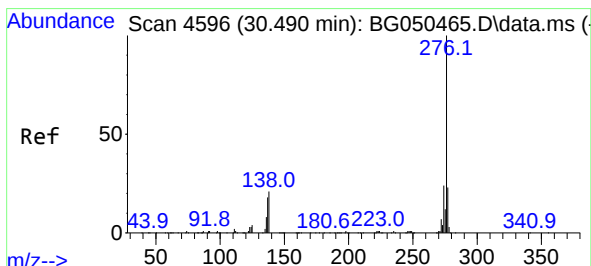
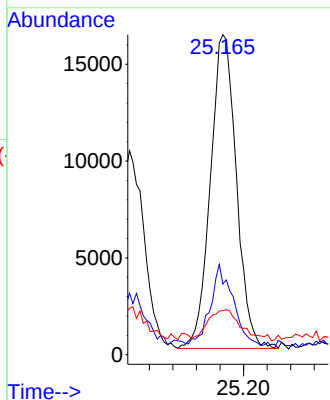
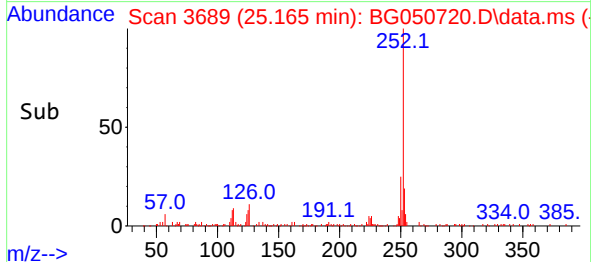
Instrument :
BNA_G
ClientSampled :
TP-1



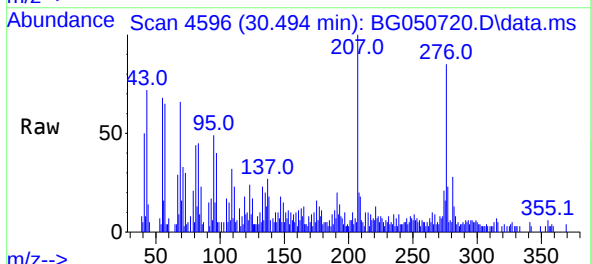
Tgt Ion:252 Resp: 49732
Ion Ratio Lower Upper
252 100
253 22.1 16.6 25.0
125 13.8 3.5 5.3#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.246 ng
RT: 30.494 min Scan# 4596
Delta R.T. -0.003 min
Lab File: BG050720.D
Acq: 25 Oct 2021 21:30



Tgt Ion:276 Resp: 24262
Ion Ratio Lower Upper
276 100
277 27.3 18.4 27.6
138 21.0 7.0 10.6#

