

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050696.D
 Acq On : 22 Oct 2021 19:39
 Operator : CG/JU
 Sample : M4285-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-EA-(1)

Manual Integrations
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Quant Time: Oct 23 01:45:16 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	8.250	152	45931	20.000	ng	0.00
21) Naphthalene-d8	11.076	136	197310	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	123179	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	241713	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	198544	20.000	ng	# 0.00
86) Perylene-d12	25.330	264	200048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	328453	106.946	ng	0.00
7) Phenol-d6	7.398	99	438130	98.532	ng	0.00
23) Nitrobenzene-d5	9.419	82	308616	64.748	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	106753	90.860	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	527042	64.395	ng	-0.01
79) Terphenyl-d14	20.201	244	592966	58.203	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.657	178	128374	10.079	ng	96
75) Fluoranthene	19.654	202	209004	13.349	ng	96
78) Pyrene	20.019	202	250043	17.750	ng	98
81) Benzo(a)anthracene	21.893	228	110721	8.428	ng	97
83) Chrysene	21.963	228	126505m	10.237	ng	
87) Indeno(1,2,3-cd)pyrene	29.243	276	62325	4.473	ng	# 83
88) Benzo(b)fluoranthene	24.243	252	139199	11.362	ng	# 90
89) Benzo(k)fluoranthene	24.302	252	40276m	3.342	ng	
90) Benzo(a)pyrene	25.165	252	102779	9.867	ng	# 93
92) Benzo(g,h,i)perylene	30.495	276	61497	5.448	ng	# 89

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

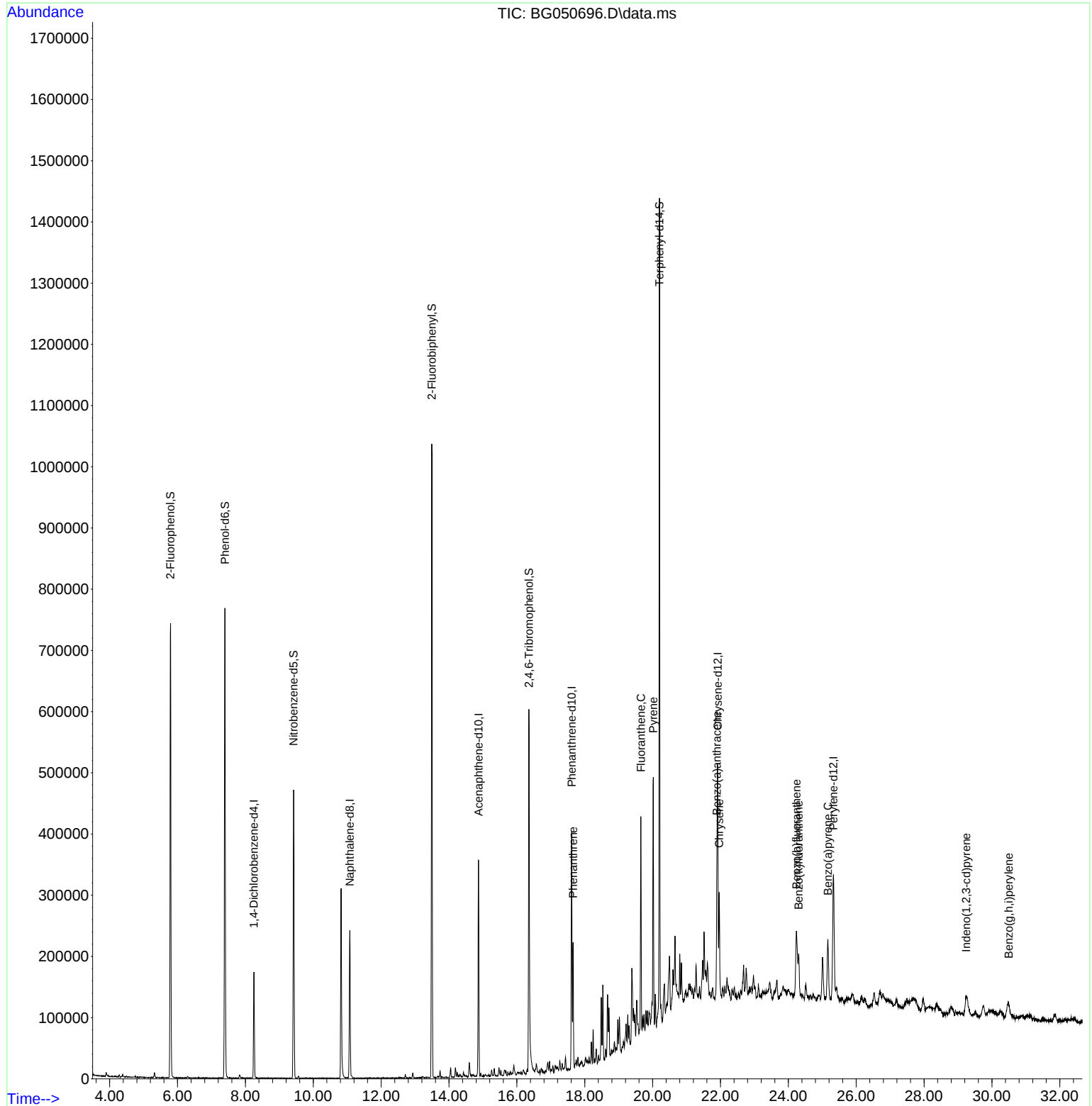
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Data File : BG050696.D
Acq On : 22 Oct 2021 19:39
Operator : CG/JU
Sample : M4285-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

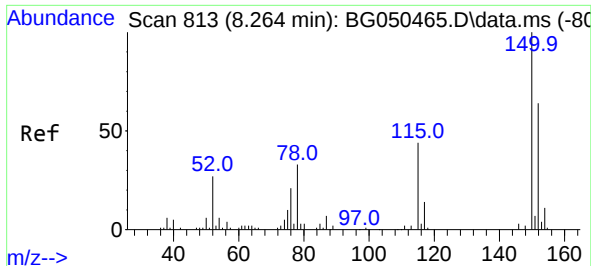
Instrument :
BNA_G
ClientSampleId :
MH-EA-(1)

Manual Integrations
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Quant Time: Oct 23 01:45:16 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





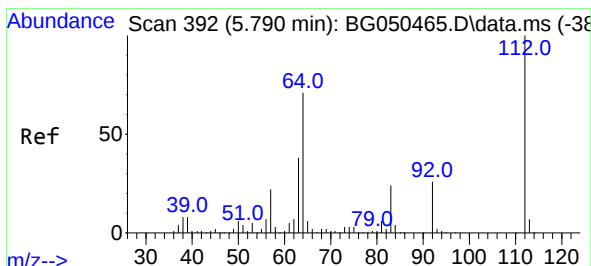
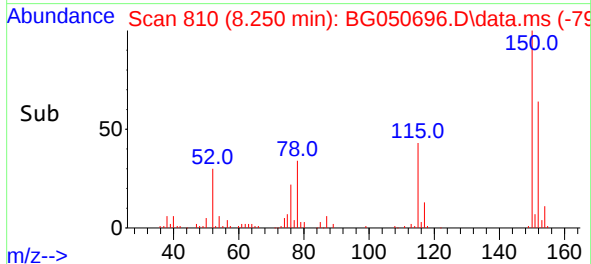
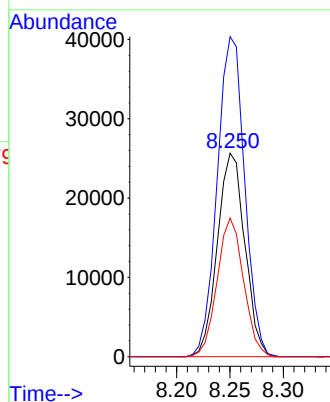
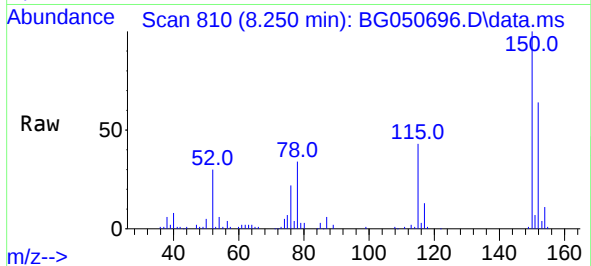
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.250 min Scan# 810
Delta R.T. -0.008 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

Tgt Ion:152 Resp: 45931
Ion Ratio Lower Upper
152 100
150 157.2 119.4 179.0
115 68.1 60.2 90.4

Instrument :
BNA_G
ClientSampled :
MH-EA-(1)

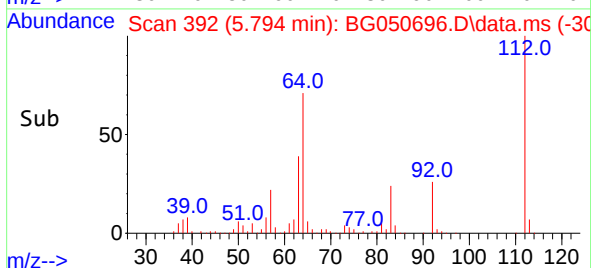
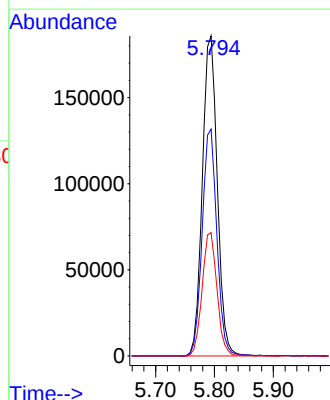
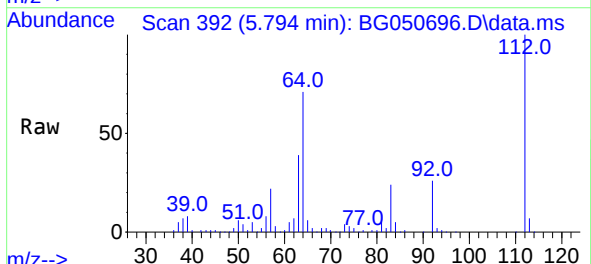
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#5
2-Fluorophenol
Concen: 106.946 ng
RT: 5.794 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

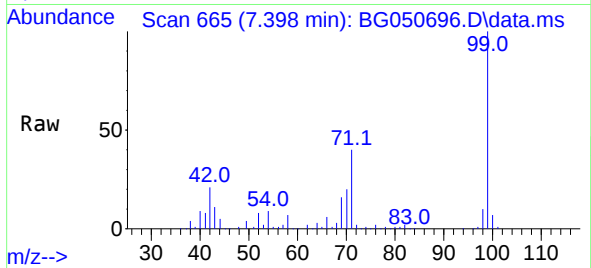
Tgt Ion:112 Resp: 328453
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 38.5 35.3 52.9





#7
Phenol-d6
Concen: 98.532 ng
RT: 7.398 min Scan# 665
Delta R.T. -0.002 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

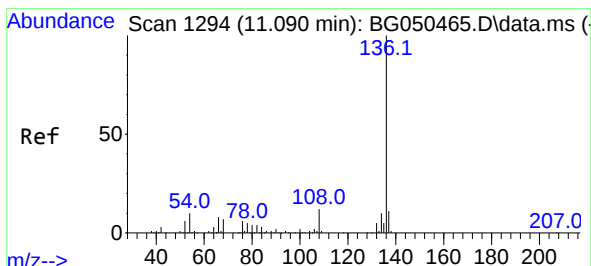
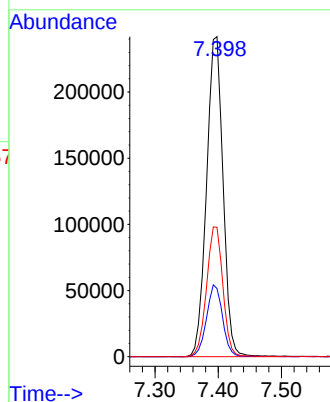
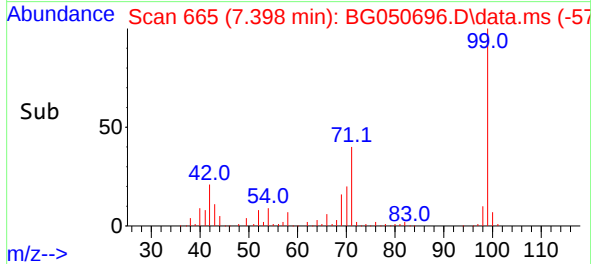
Instrument :
BNA_G
ClientSampled :
MH-EA-(1)



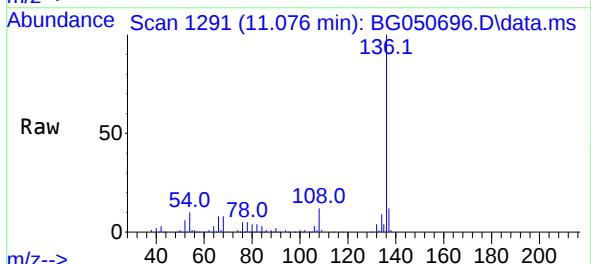
Tgt Ion: 99 Resp: 438130
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 40.5 41.5 62.3#

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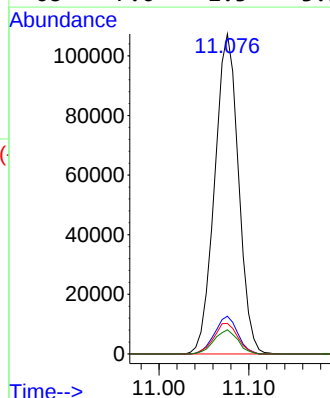
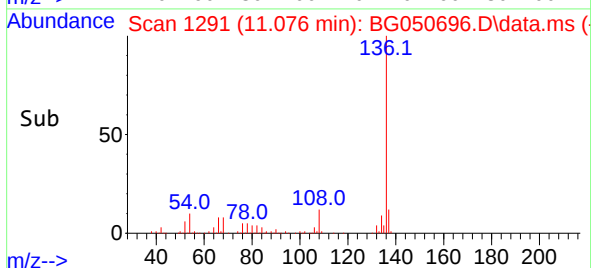
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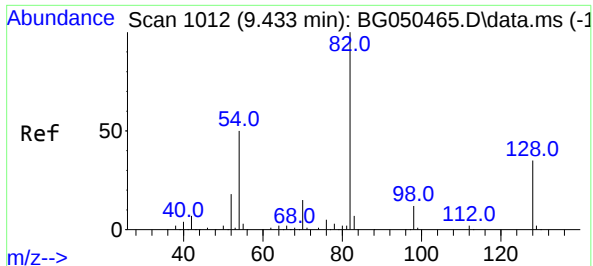


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.076 min Scan# 1291
Delta R.T. -0.008 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

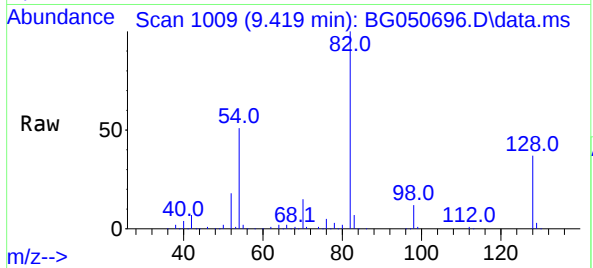


Tgt Ion: 136 Resp: 197310
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 9.5 5.5 8.3#
68 7.6 2.3 3.5#

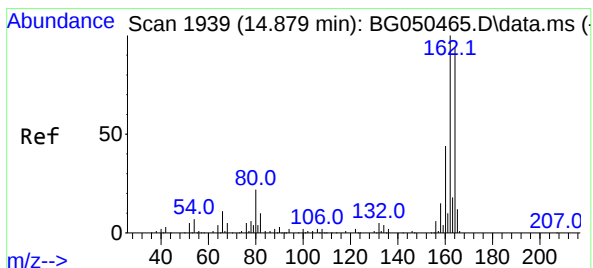
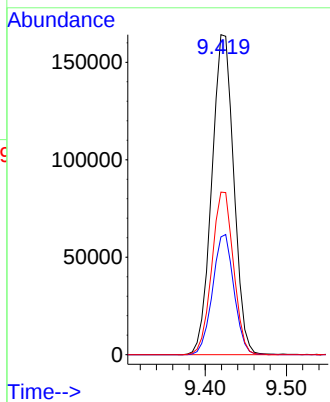
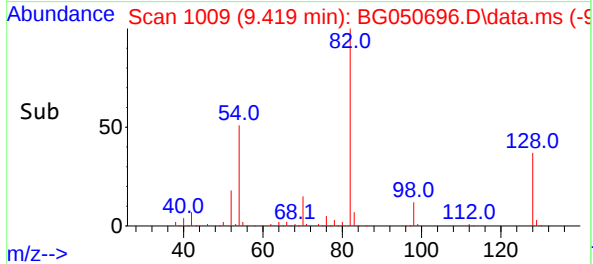




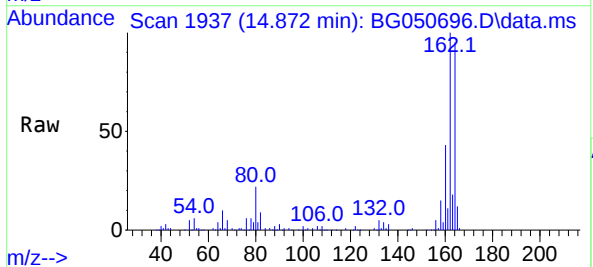
#23
Nitrobenzene-d5
Concen: 64.748 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.008 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39



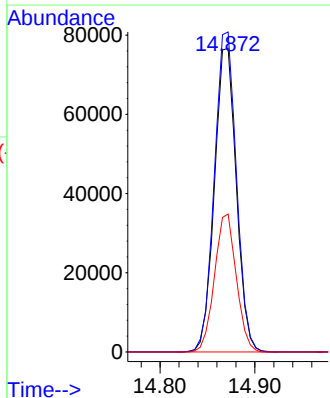
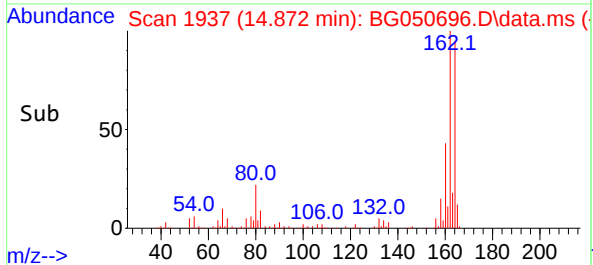
Tgt Ion: 82 Resp: 308616
Ion Ratio Lower Upper
82 100
128 36.8 29.8 44.6
54 50.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.872 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39



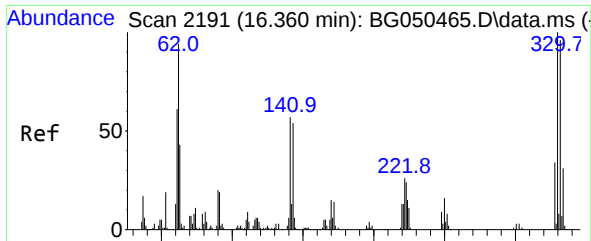
Tgt Ion: 164 Resp: 123179
Ion Ratio Lower Upper
164 100
162 105.4 81.4 122.0
160 45.4 34.9 52.3



Instrument :
BNA_G
ClientSampled :
MH-EA-(1)

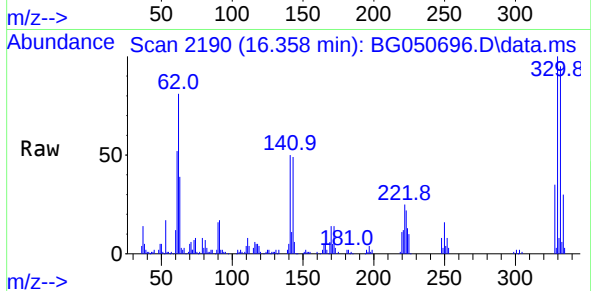
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#42
2,4,6-Tribromophenol
Concen: 90.860 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

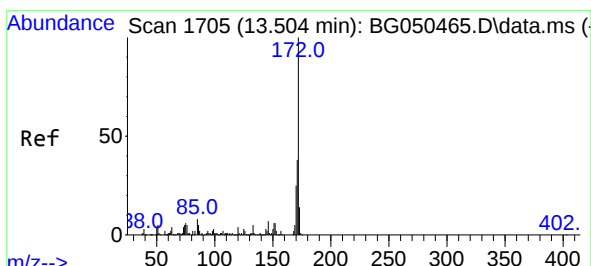
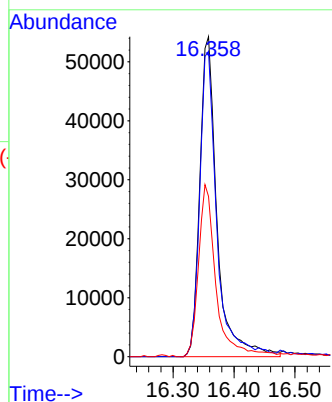
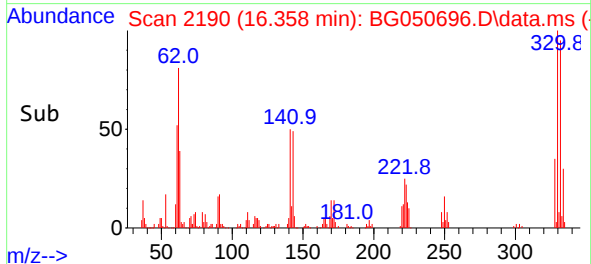
Instrument :
BNA_G
ClientSampleId :
MH-EA-(1)



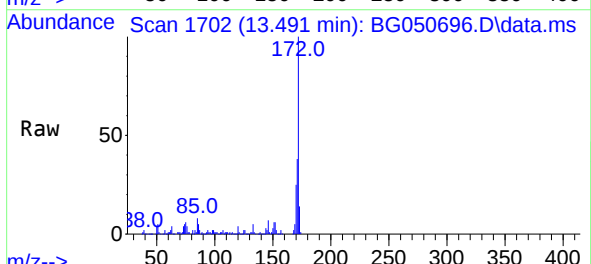
Tgt Ion:330 Resp: 106753
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 55.1 35.6 53.4#

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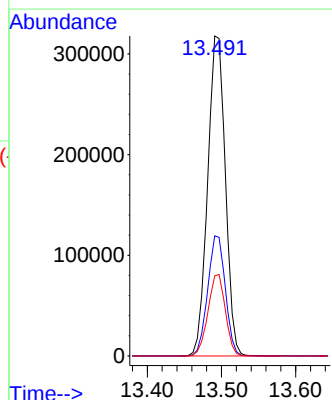
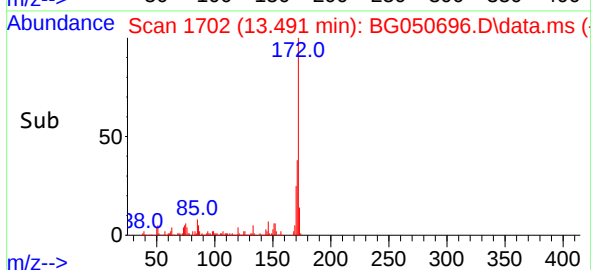
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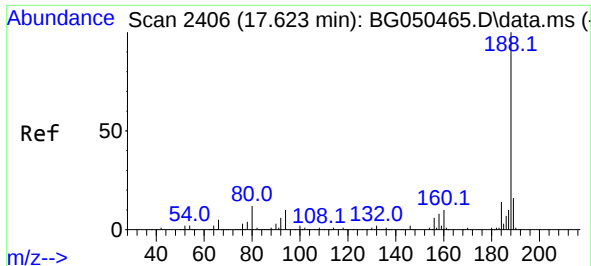


#45
2-Fluorobiphenyl
Concen: 64.395 ng
RT: 13.491 min Scan# 1702
Delta R.T. -0.014 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39



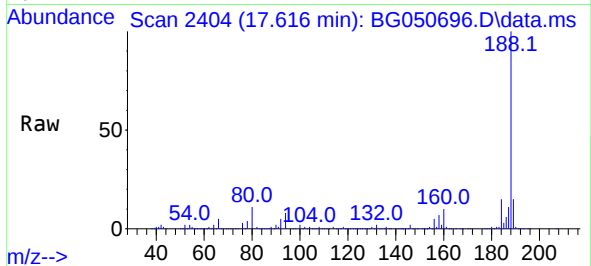
Tgt Ion:172 Resp: 527042
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 25.1 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2404
Delta R.T. -0.002 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

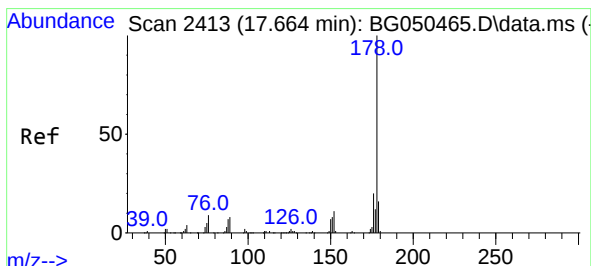
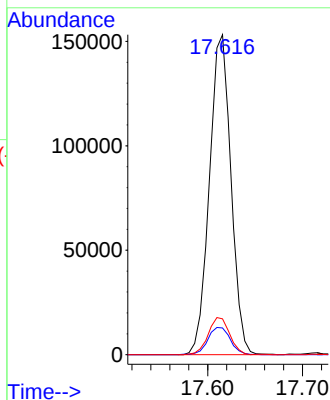
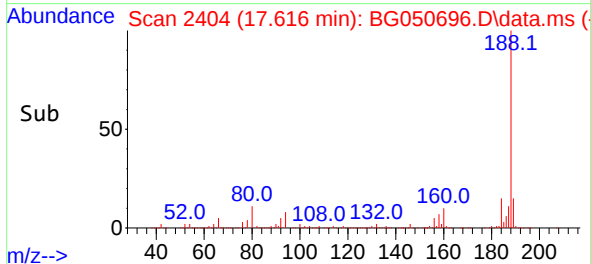
Instrument :
BNA_G
ClientSampleId :
MH-EA-(1)



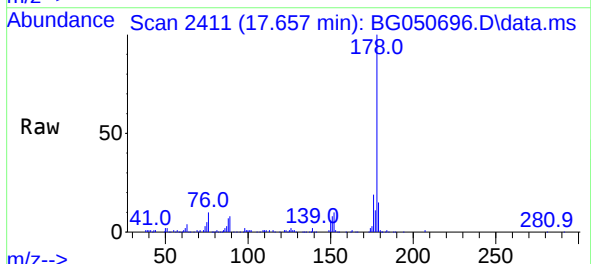
Tgt Ion:188 Resp: 241713
Ion Ratio Lower Upper
188 100
94 8.4 5.4 8.0#
80 11.2 3.7 5.5#

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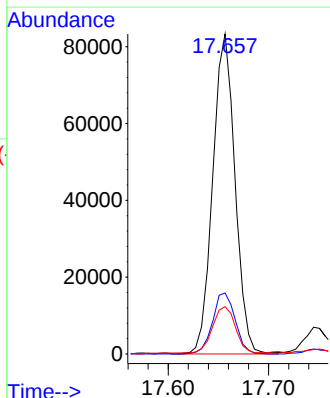
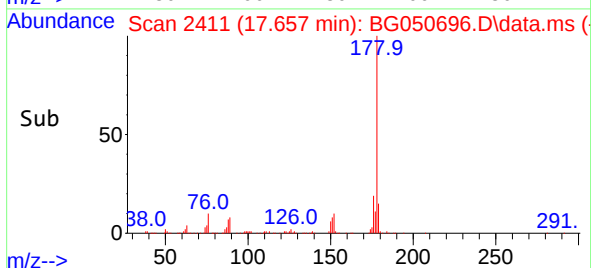
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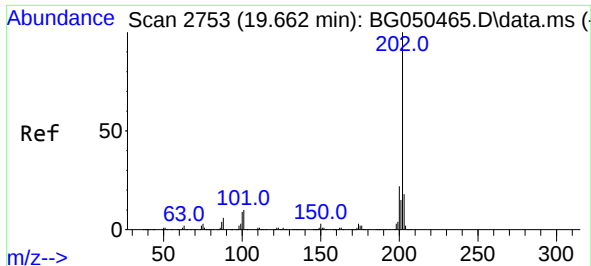


#71
Phenanthrene
Concen: 10.079 ng
RT: 17.657 min Scan# 2411
Delta R.T. -0.008 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39



Tgt Ion:178 Resp: 128374
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 14.8 14.2 21.4





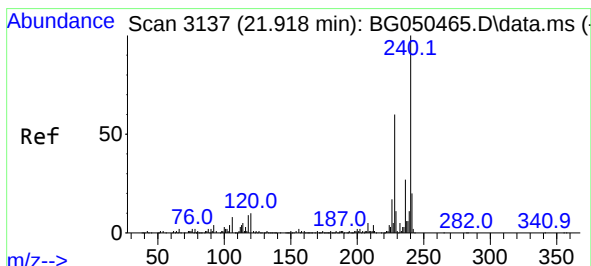
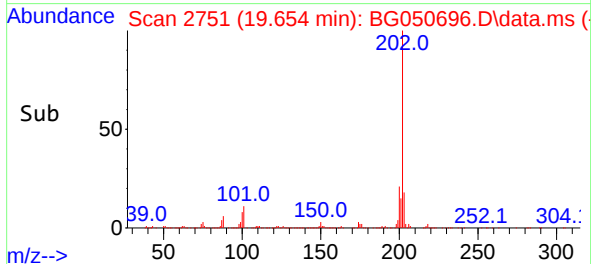
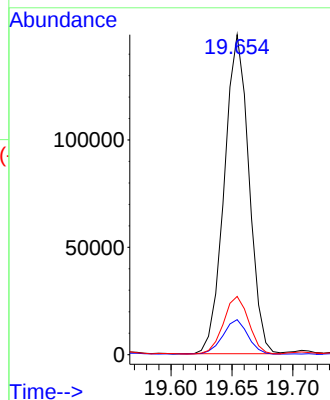
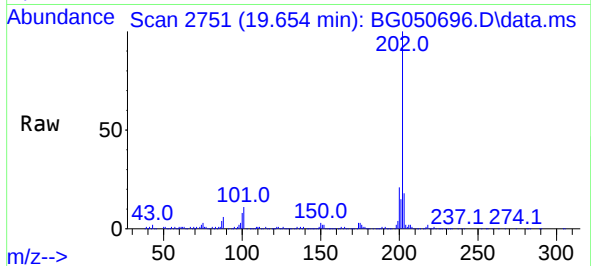
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Fluoranthene
Concen: 13.349 ng
RT: 19.654 min Scan# 2751
Delta R.T. -0.008 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

Tgt Ion:	202	Resp:	209004
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	24.7
203	18.2	0.0	38.5

Instrument :
BNA_G
ClientSampleId :
MH-EA-(1)

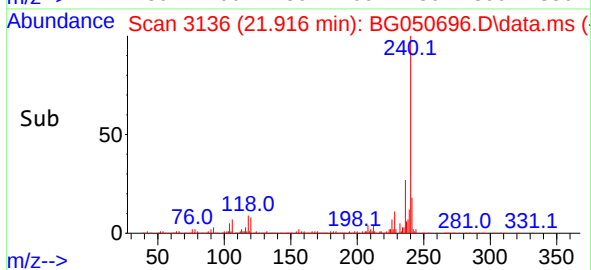
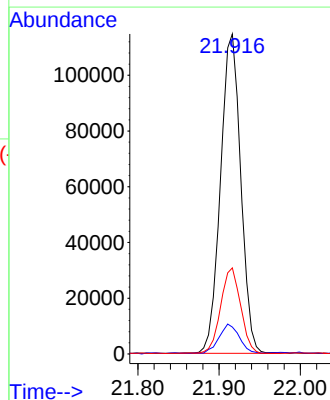
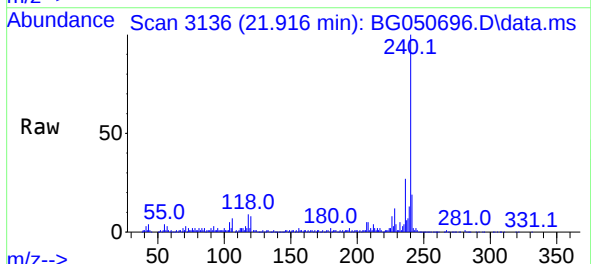
Manual Integrations
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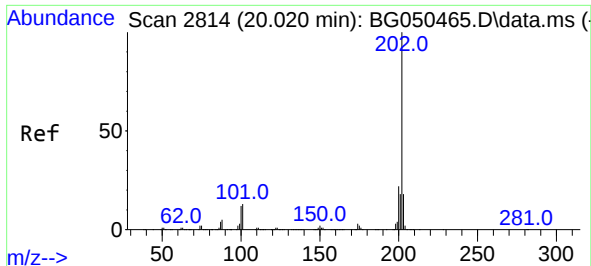
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

Tgt Ion:	240	Resp:	198544
Ion Ratio	Lower	Upper	
240	100		
120	8.4	4.2	6.2#
236	26.9	21.8	32.6





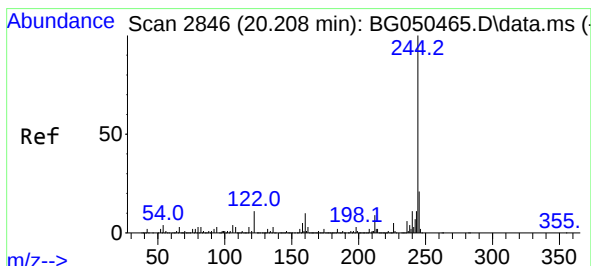
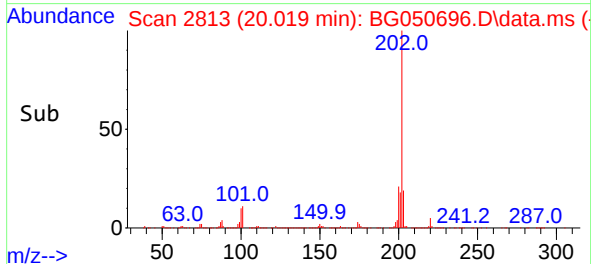
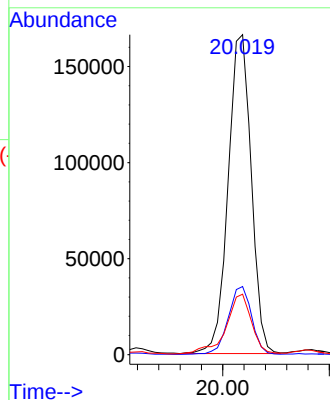
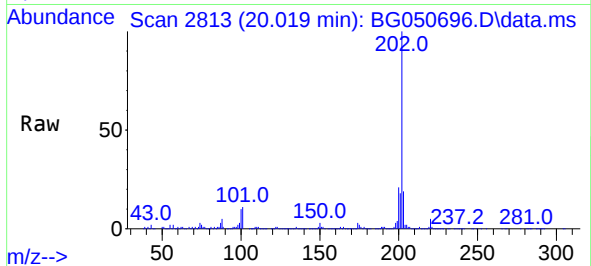
#78
Pyrene
Concen: 17.750 ng
RT: 20.019 min Scan# 2813
Delta R.T. -0.002 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

Tgt Ion:	202	Resp:	250043
Ion Ratio	Lower	Upper	
202	100		
200	21.3	15.8	23.8
203	18.9	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
MH-EA-(1)

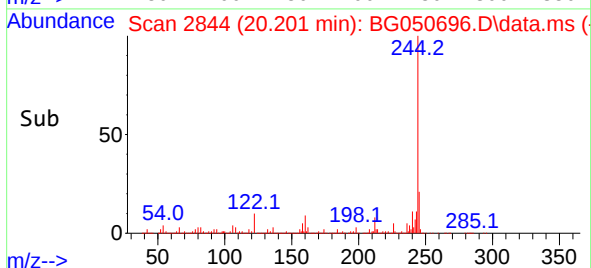
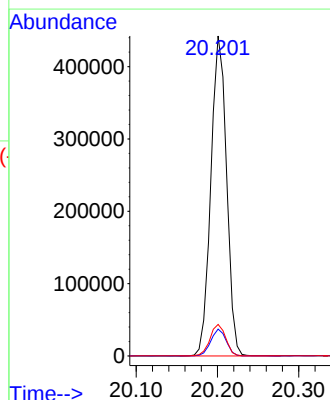
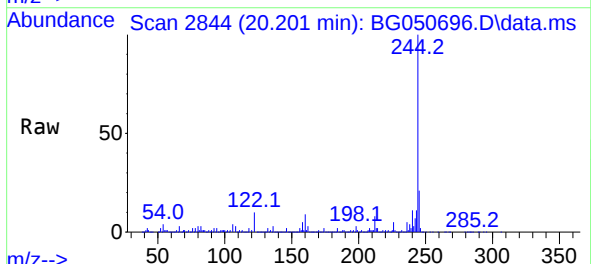
Manual Integrations
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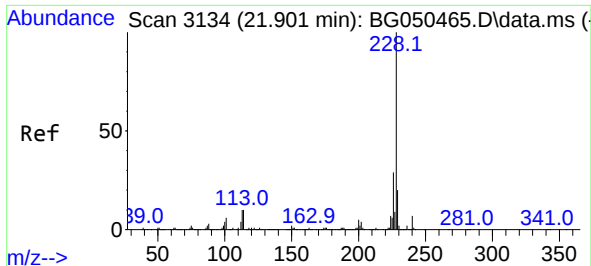
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#79
Terphenyl-d14
Concen: 58.203 ng
RT: 20.201 min Scan# 2844
Delta R.T. -0.008 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

Tgt Ion:	244	Resp:	592966
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.9	10.3
122	9.8	5.0	7.6#





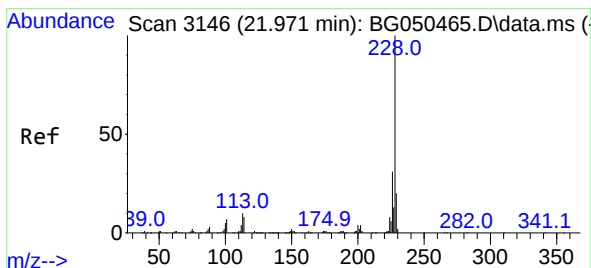
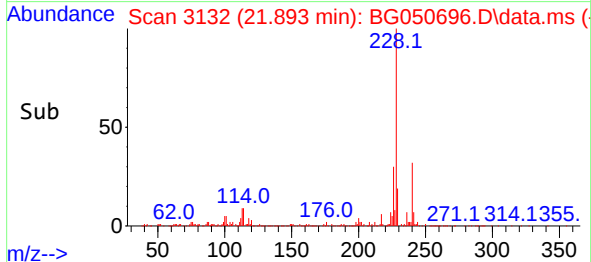
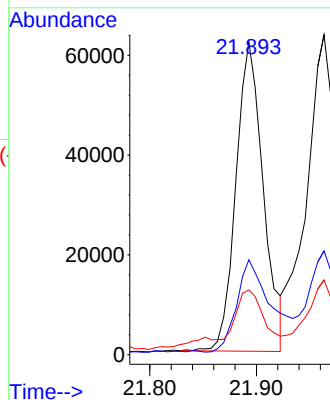
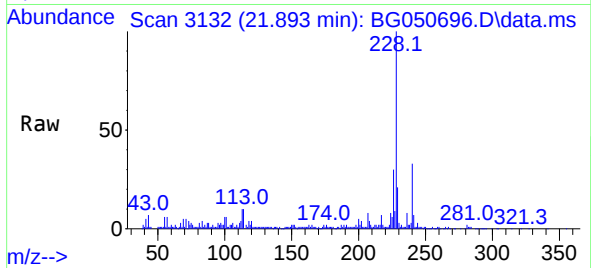
#81
Benzo(a)anthracene
Concen: 8.428 ng
RT: 21.893 min Scan# 3132
Delta R.T. -0.008 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

Tgt Ion:228 Resp: 110721
Ion Ratio Lower Upper
228 100
226 30.4 22.7 34.1
229 20.7 16.0 24.0

Instrument :
BNA_G
ClientSampleId :
MH-EA-(1)

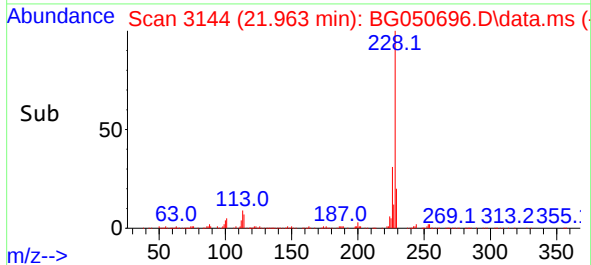
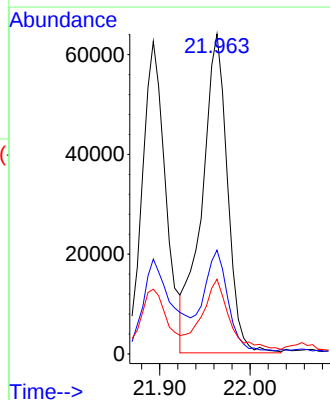
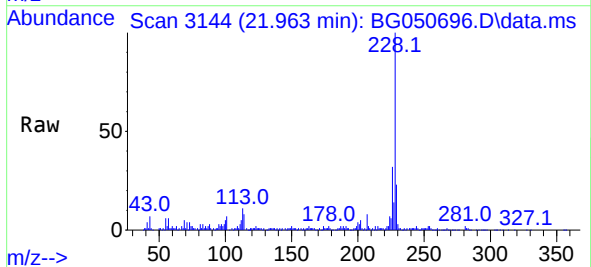
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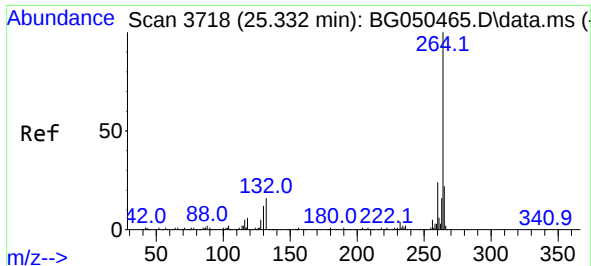
mohammad
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#83
Chrysene
Concen: 10.237 ng m
RT: 21.963 min Scan# 3144
Delta R.T. -0.008 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

Tgt Ion:228 Resp: 126505
Ion Ratio Lower Upper
228 100
226 32.4 23.1 34.7
229 23.4 15.3 22.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.330 min Scan# 3717
Delta R.T. -0.002 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

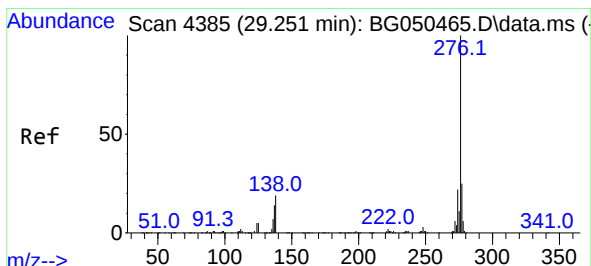
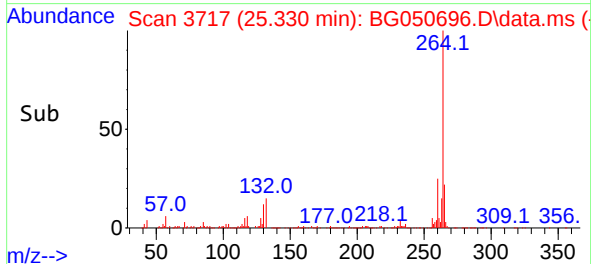
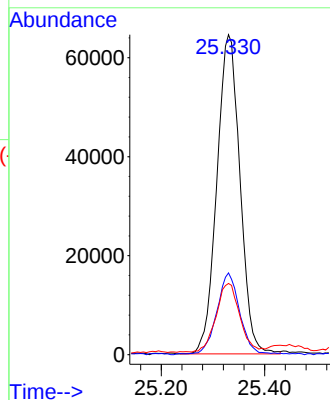
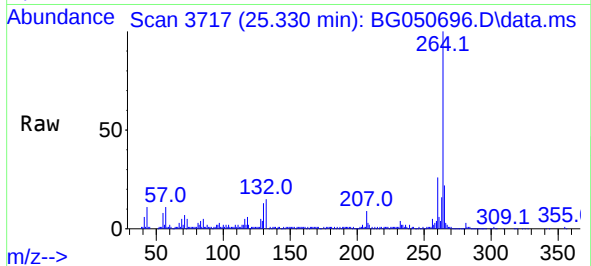
Tgt Ion:264 Resp: 200048

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	22.3	16.9	25.3

Instrument :
BNA_G
ClientSampleId :
MH-EA-(1)

Manual Integrations
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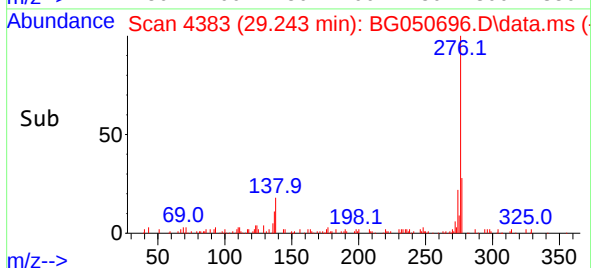
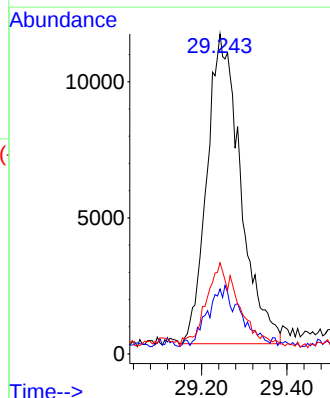
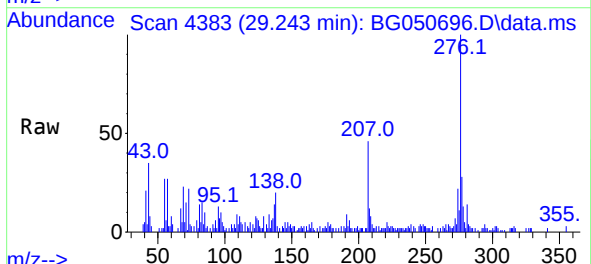
mohammad
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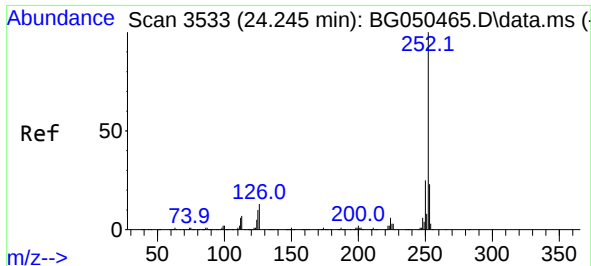


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.473 ng
RT: 29.243 min Scan# 4383
Delta R.T. -0.020 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

Tgt Ion:276 Resp: 62325

Ion	Ratio	Lower	Upper
276	100		
138	12.5	5.1	7.7#
277	16.0	19.8	29.6#





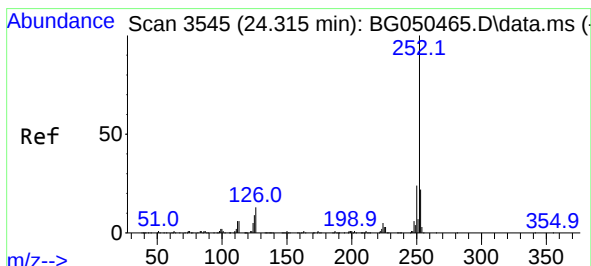
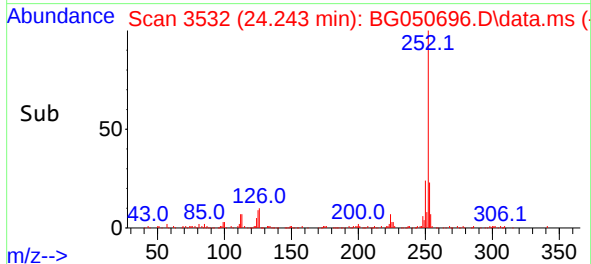
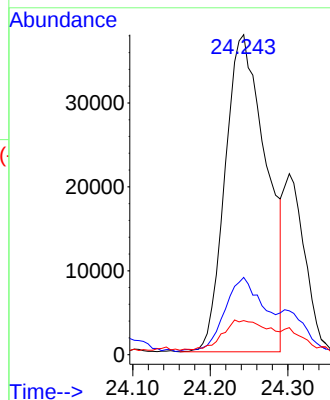
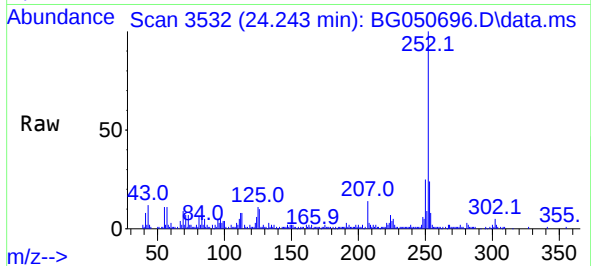
#88
Benzo(b)fluoranthene
Concen: 11.362 ng
RT: 24.243 min Scan# 3532
Delta R.T. -0.002 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

Tgt Ion:252 Resp: 139199
Ion Ratio Lower Upper
252 100
253 24.2 16.2 24.4
125 10.6 3.0 4.4#

Instrument :
BNA_G
ClientSampled :
MH-EA-(1)

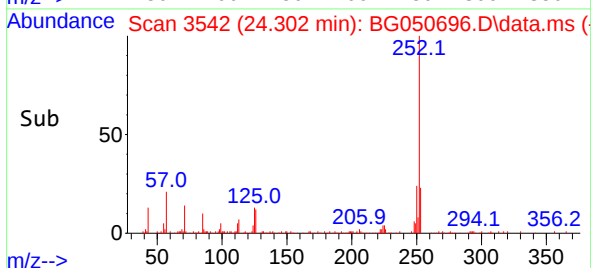
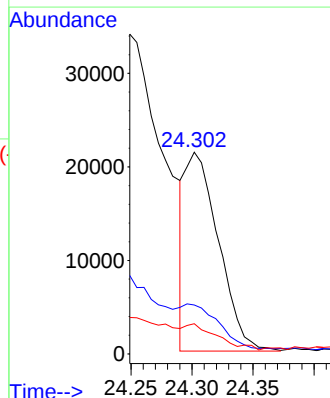
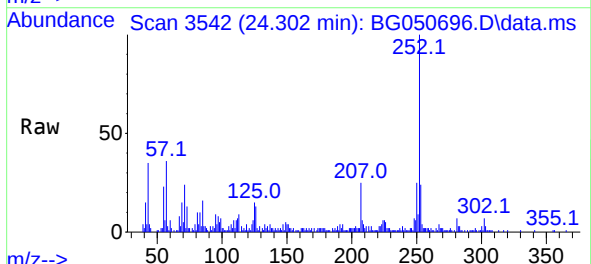
Manual Integrations
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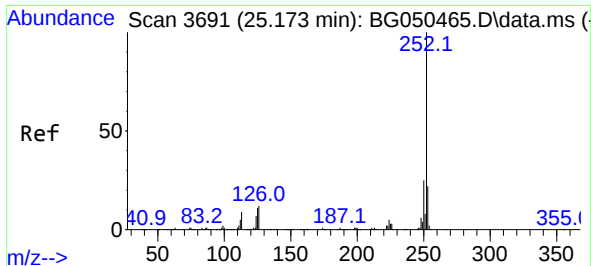
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.342 ng m
RT: 24.302 min Scan# 3542
Delta R.T. -0.014 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

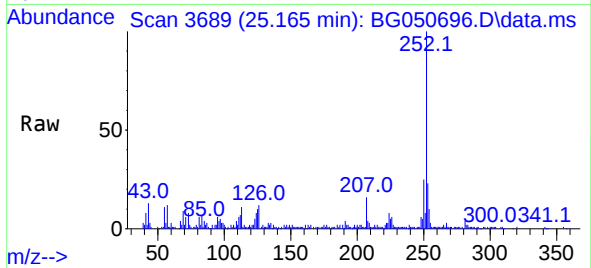
Tgt Ion:252 Resp: 40276
Ion Ratio Lower Upper
252 100
253 24.2 18.0 27.0
125 15.0 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 9.867 ng
RT: 25.165 min Scan# 3689
Delta R.T. -0.008 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39

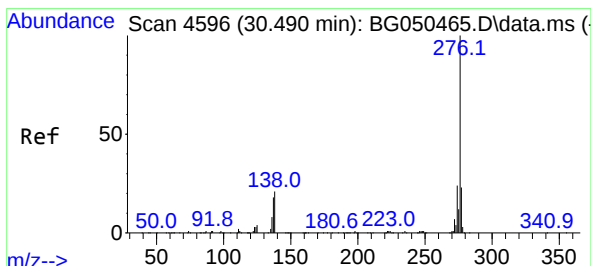
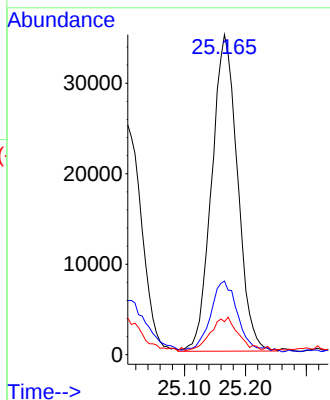
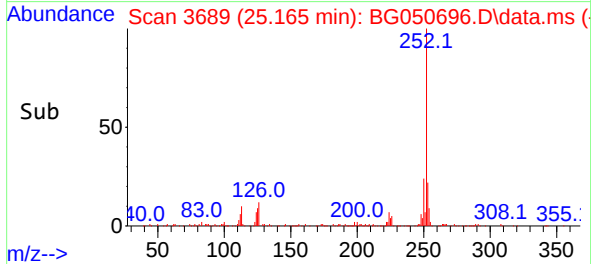
Instrument :
BNA_G
ClientSampleId :
MH-EA-(1)



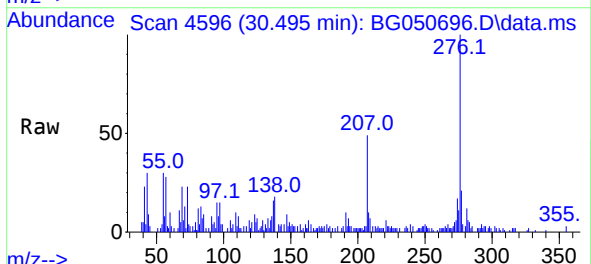
Tgt Ion:252 Resp: 102779
Ion Ratio Lower Upper
252 100
253 23.0 16.6 25.0
125 10.3 3.5 5.3#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.448 ng
RT: 30.495 min Scan# 4596
Delta R.T. -0.002 min
Lab File: BG050696.D
Acq: 22 Oct 2021 19:39



Tgt Ion:276 Resp: 61497
Ion Ratio Lower Upper
276 100
277 20.6 18.4 27.6
138 18.4 7.0 10.6#

