

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
 Data File : BG049926.D
 Acq On : 21 Aug 2021 2:18
 Operator : CG/JU
 Sample : M3419-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-03-0510

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Quant Time: Aug 21 05:23:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 21 05:13:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	36714	20.000	ng	0.01
21) Naphthalene-d8	10.811	136	154217	20.000	ng	# 0.01
39) Acenaphthene-d10	14.653	164	93071	20.000	ng	0.01
64) Phenanthrene-d10	17.408	188	160497	20.000	ng	# 0.02
76) Chrysene-d12	21.690	240	131232	20.000	ng	# 0.03
86) Perylene-d12	24.956	264	73746	20.000	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.547	112	164013	80.081	ng	0.02
7) Phenol-d6	7.163	99	244666	78.918	ng	0.02
23) Nitrobenzene-d5	9.166	82	180928	51.916	ng	0.01
42) 2,4,6-Tribromophenol	16.145	330	107558	78.623	ng	0.01
45) 2-Fluorobiphenyl	13.266	172	328333	51.332	ng	0.01
79) Terphenyl-d14	20.016	244	317924	44.000	ng	0.02
Target Compounds						Qvalue
71) Phenanthrene	17.449	178	82648	9.788	ng	98
75) Fluoranthene	19.464	202	225360	21.689	ng	100
78) Pyrene	19.828	202	207124	23.151	ng	97
81) Benzo(a)anthracene	21.673	228	99949	11.695	ng	# 91
83) Chrysene	21.731	228	159600	19.536	ng	# 91
87) Indeno(1,2,3-cd)pyrene	28.681	276	36116	6.791	ng	# 82
88) Benzo(b)fluoranthene	23.922	252	104501m	21.606	ng	
89) Benzo(k)fluoranthene	23.958	252	62440m	13.840	ng	
90) Benzo(a)pyrene	24.798	252	62368	14.249	ng	# 75
92) Benzo(g,h,i)perylene	29.861	276	41573m	9.468	ng	

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

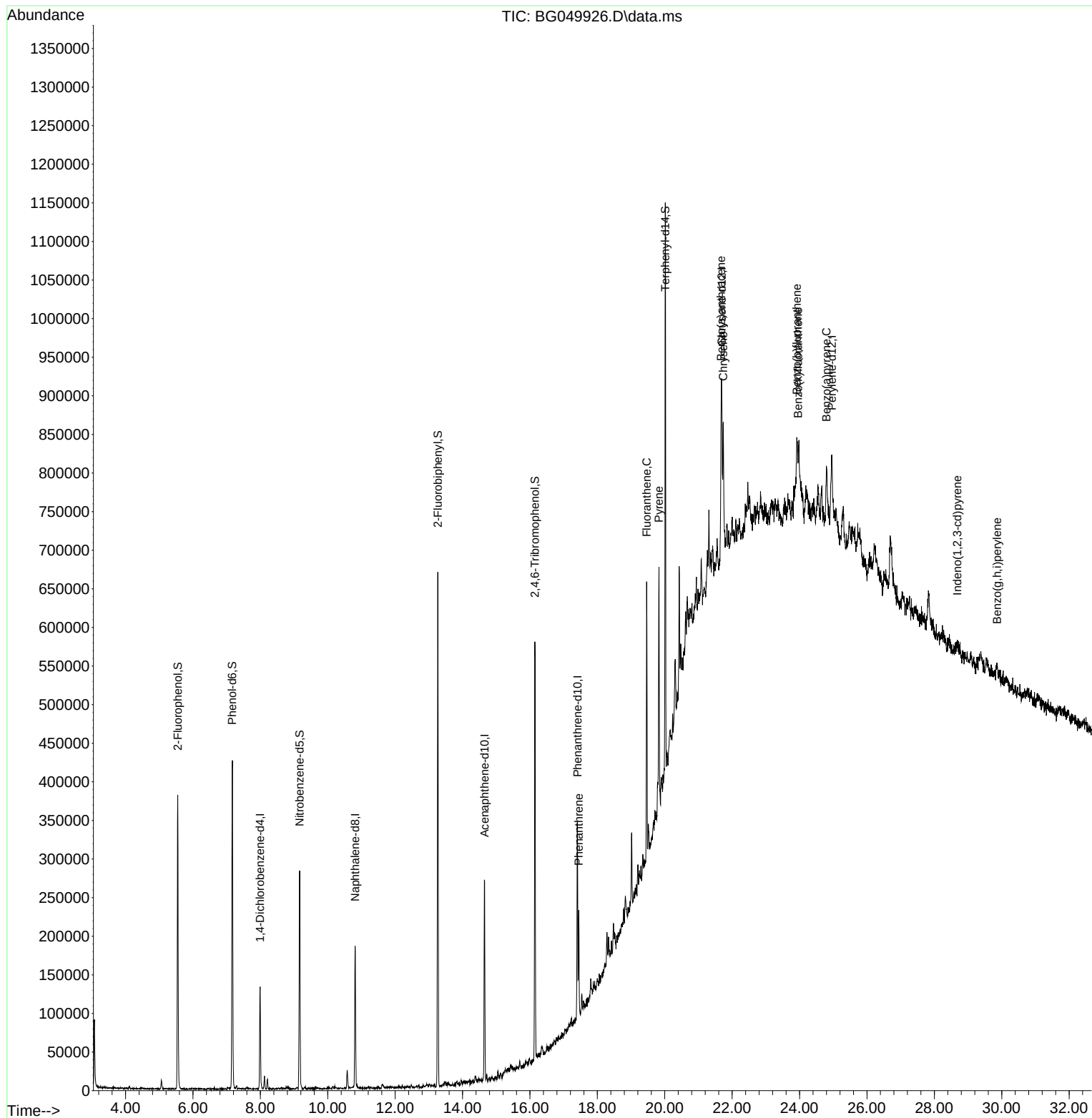
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
Data File : BG049926.D
Acq On : 21 Aug 2021 2:18
Operator : CG/JU
Sample : M3419-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

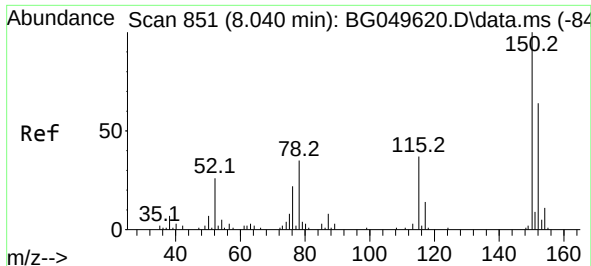
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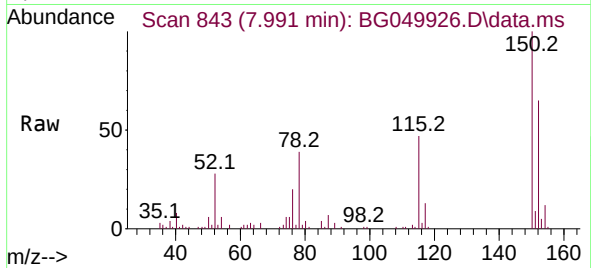
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Quant Time: Aug 21 05:23:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 21 05:13:22 2021
Response via : Initial Calibration

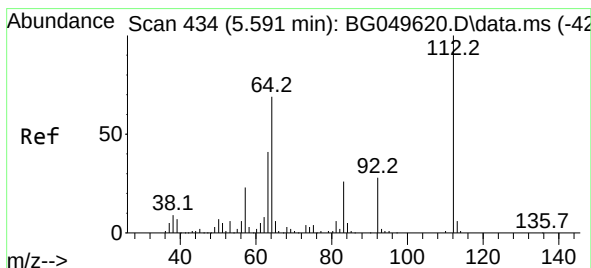
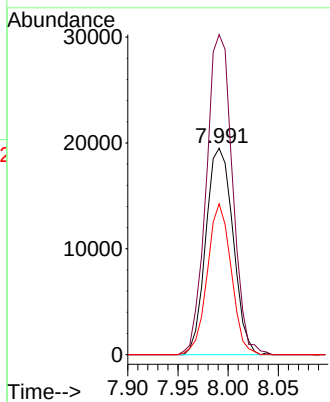
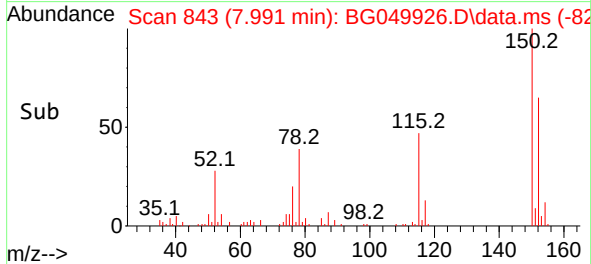




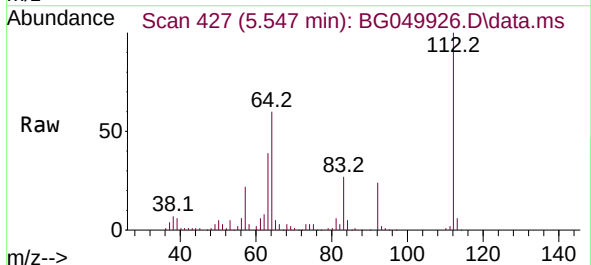
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.991 min Scan# 843
Delta R.T. 0.014 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18



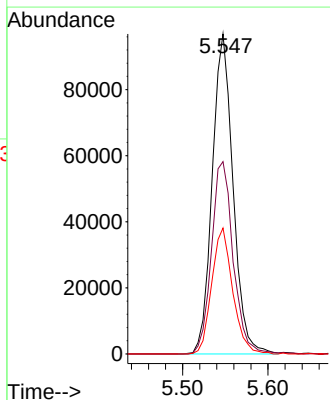
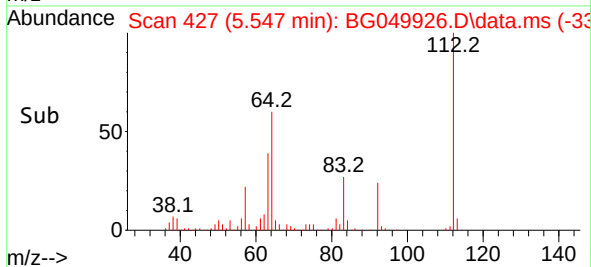
Tgt Ion:152 Resp: 36714
Ion Ratio Lower Upper
152 100
150 155.0 119.4 179.0
115 73.1 60.2 90.4



#5
2-Fluorophenol
Concen: 80.081 ng
RT: 5.547 min Scan# 427
Delta R.T. 0.020 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18



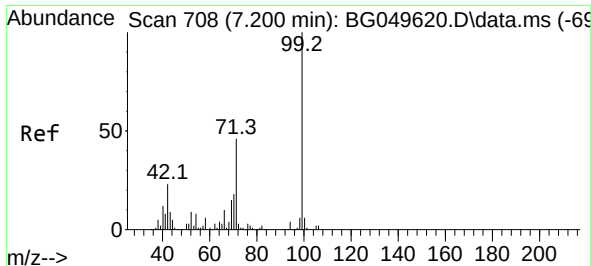
Tgt Ion:112 Resp: 164013
Ion Ratio Lower Upper
112 100
64 60.1 46.7 70.1
63 39.3 35.3 52.9



Instrument :
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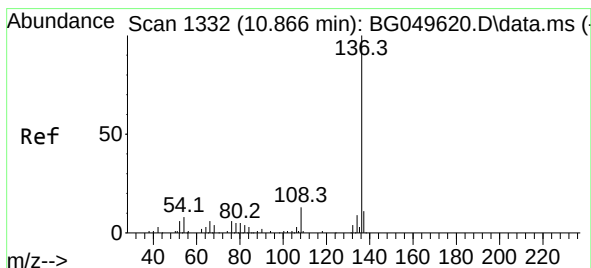
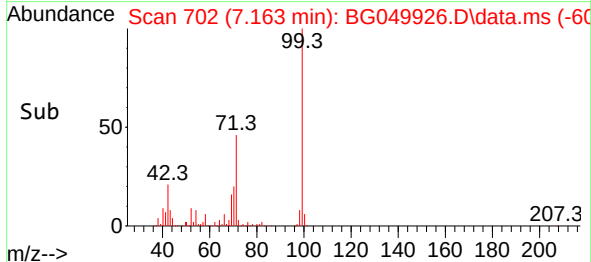
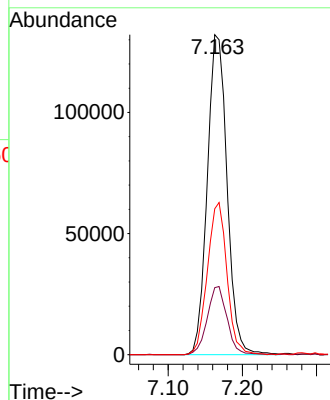
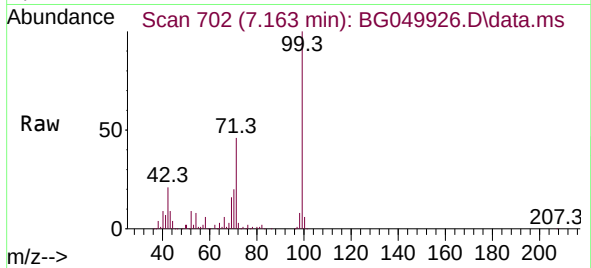
#7
Phenol-d6
Concen: 78.918 ng
RT: 7.163 min Scan# 702
Delta R.T. 0.020 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

Tgt Ion: 99 Resp: 244666
Ion Ratio Lower Upper
99 100
42 21.0 20.5 30.7
71 45.6 41.5 62.3

Instrument :
BNA_G
ClientSampleId :
SWCS-03-0510

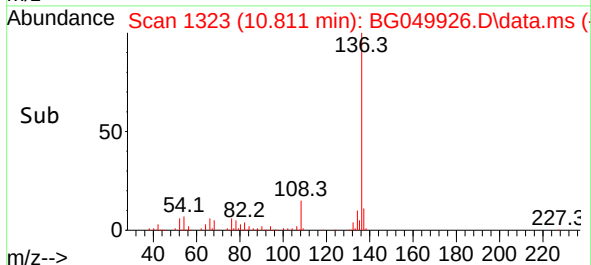
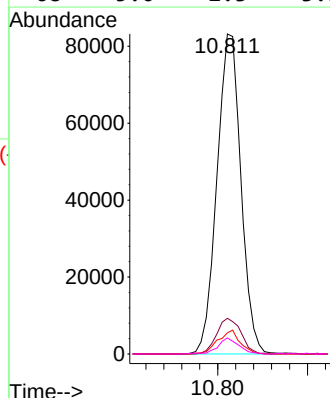
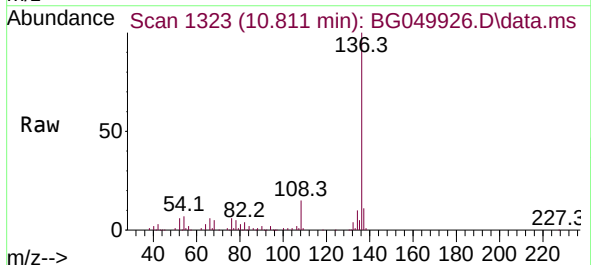
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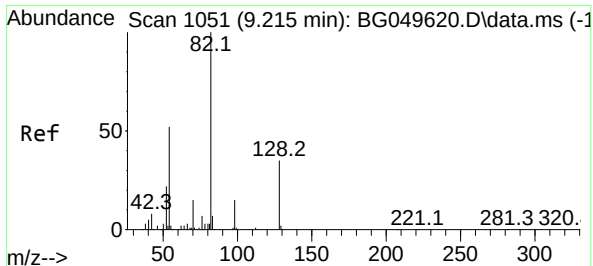
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.811 min Scan# 1323
Delta R.T. 0.014 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

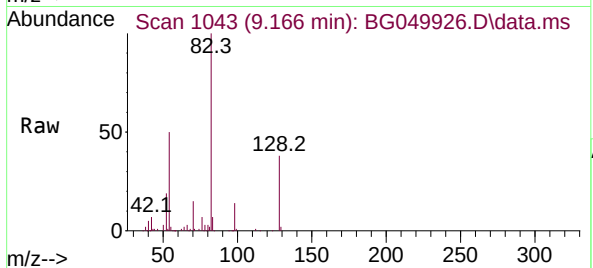
Tgt Ion: 136 Resp: 154217
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 6.6 5.5 8.3
68 5.0 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 51.916 ng
RT: 9.166 min Scan# 1043
Delta R.T. 0.014 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

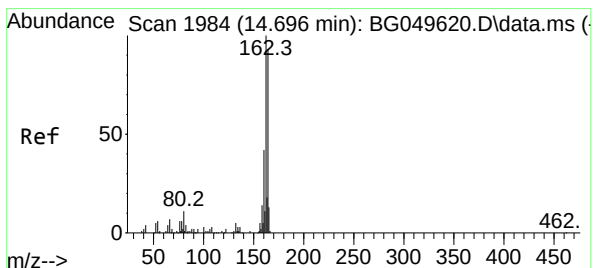
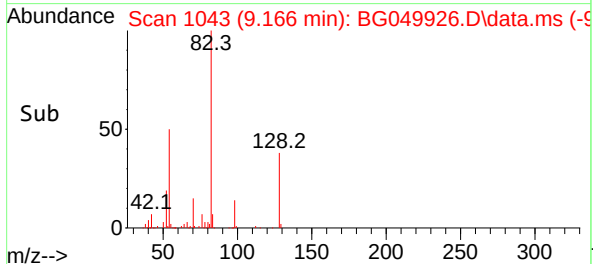
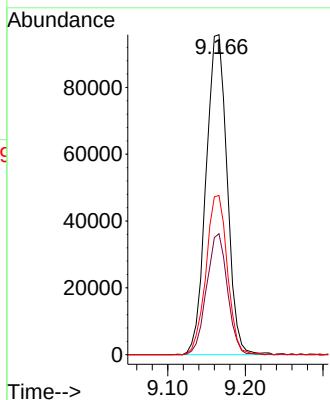
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ClientSampleId :
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Tgt Ion: 82 Resp: 180928
Ion Ratio Lower Upper
82 100
128 37.8 29.8 44.6
54 49.7 45.8 68.8

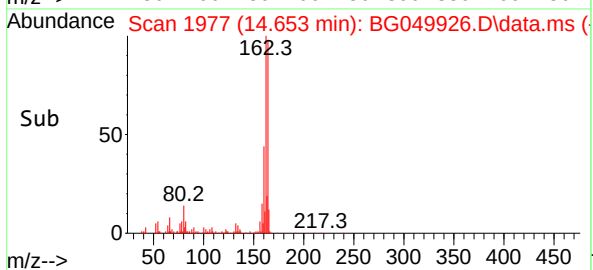
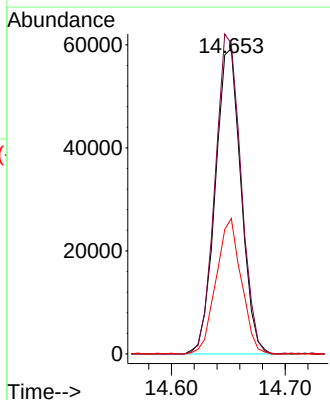
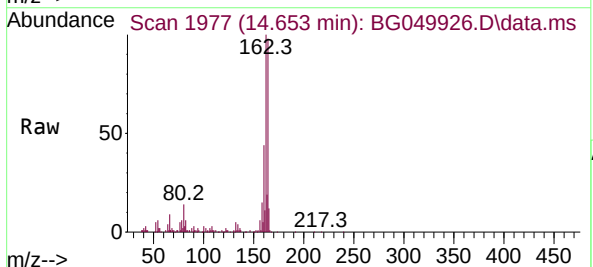
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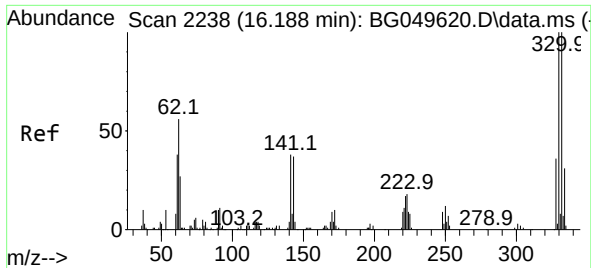
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.653 min Scan# 1977
Delta R.T. 0.014 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

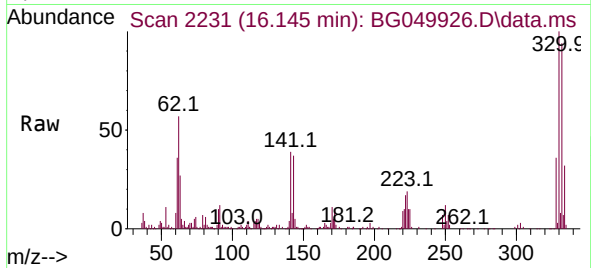
Tgt Ion: 164 Resp: 93071
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 44.4 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 78.623 ng
RT: 16.145 min Scan# 2231
Delta R.T. 0.014 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

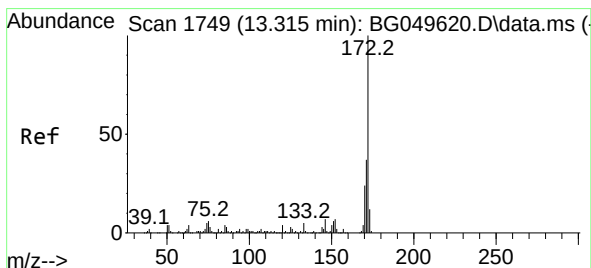
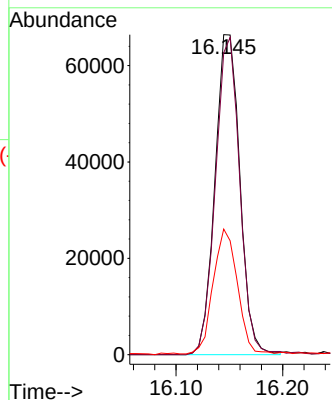
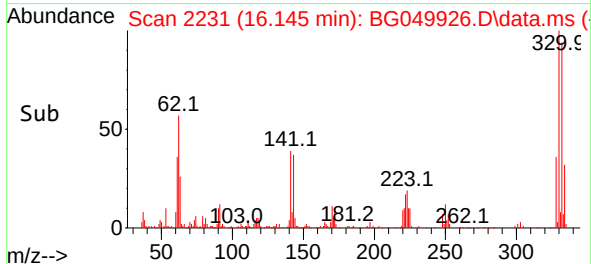
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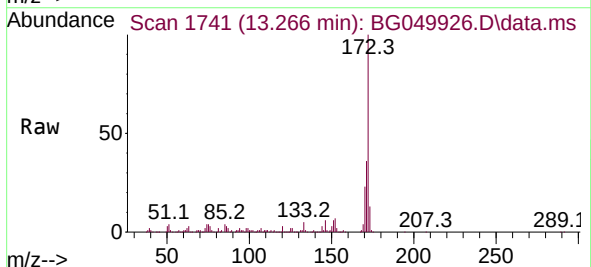
Tgt Ion:330 Resp: 107558
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 37.8 35.6 53.4

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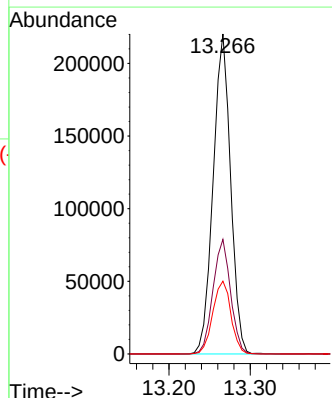
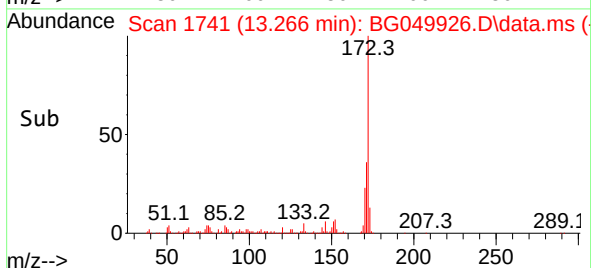
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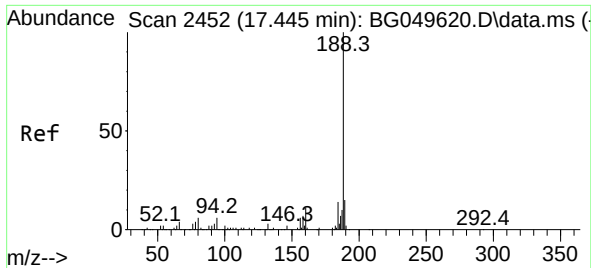


#45
2-Fluorobiphenyl
Concen: 51.332 ng
RT: 13.266 min Scan# 1741
Delta R.T. 0.014 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18



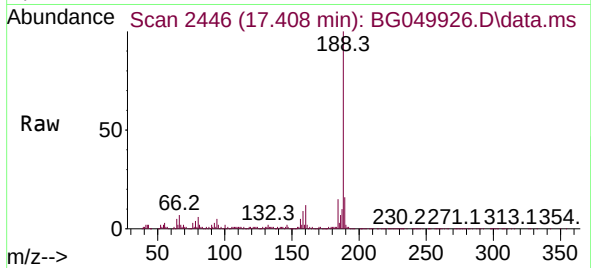
Tgt Ion:172 Resp: 328333
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 22.8 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.408 min Scan# 2446
Delta R.T. 0.020 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

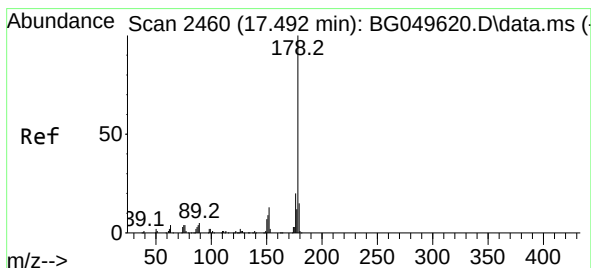
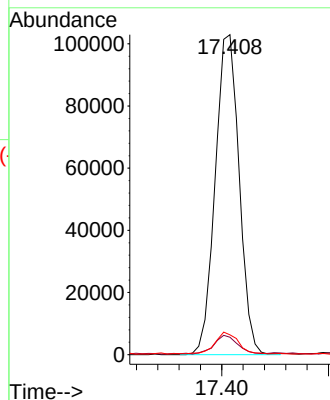
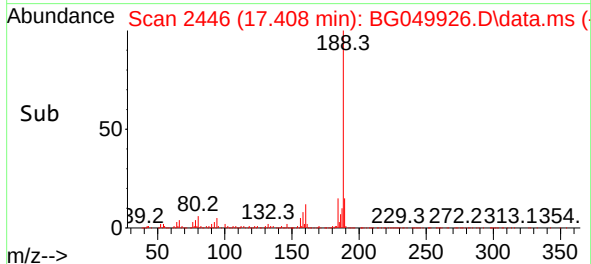
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ClientSampleId :
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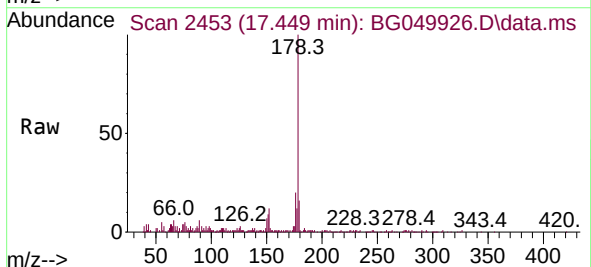
Tgt Ion:188 Resp: 160497
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.2 3.7 5.5#

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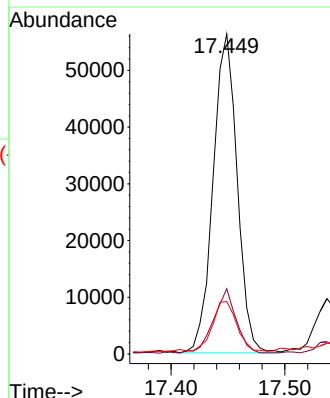
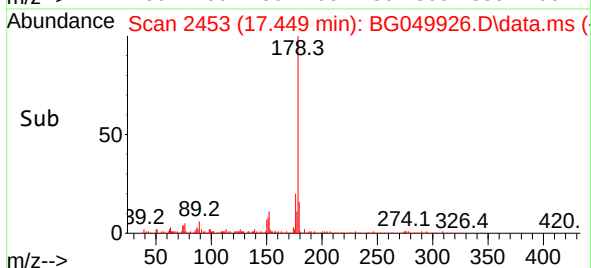
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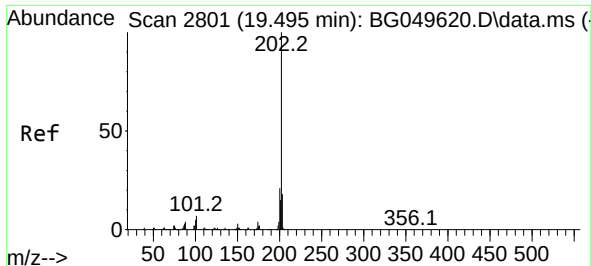


#71
Phenanthrene
Concen: 9.788 ng
RT: 17.449 min Scan# 2453
Delta R.T. 0.020 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18



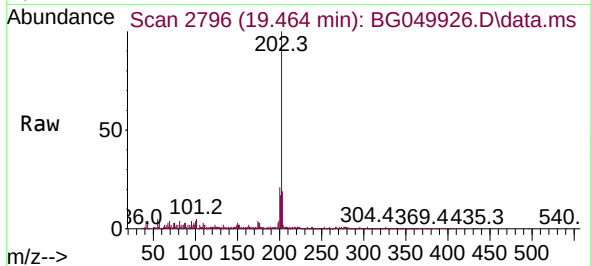
Tgt Ion:178 Resp: 82648
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.4 14.2 21.4





#75
Fluoranthene
Concen: 21.689 ng
RT: 19.464 min Scan# 2796
Delta R.T. 0.020 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

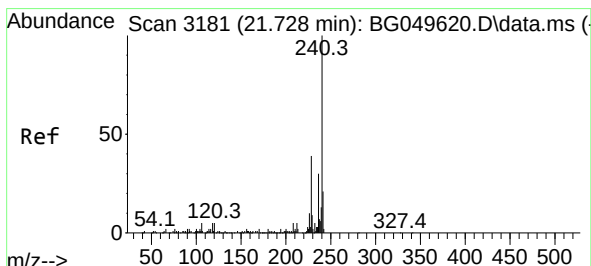
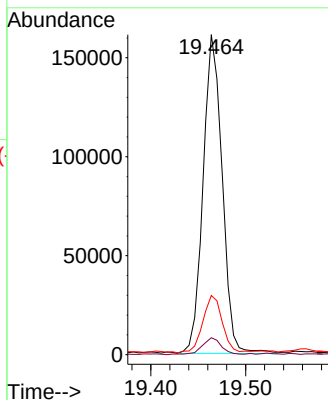
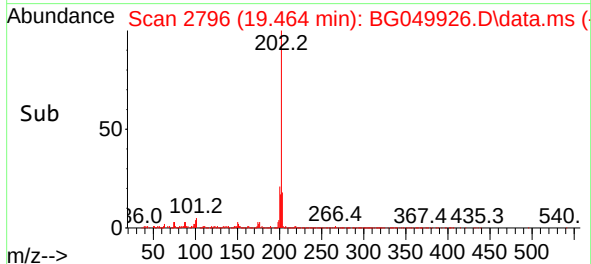
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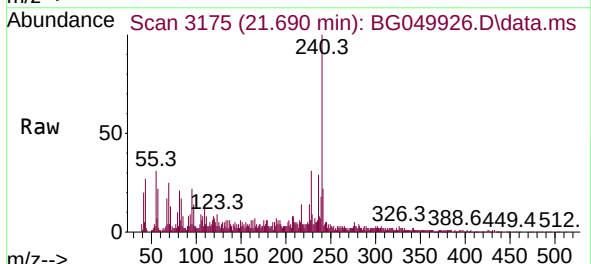
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Ion Ratio Lower Upper
202 100
101 5.3 0.0 24.7
203 18.5 0.0 38.5

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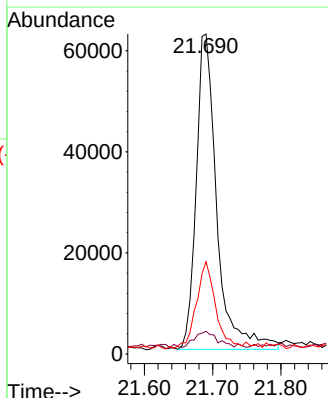
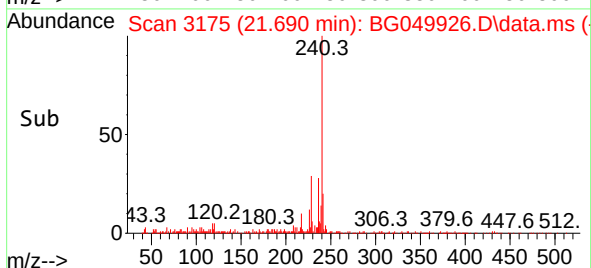
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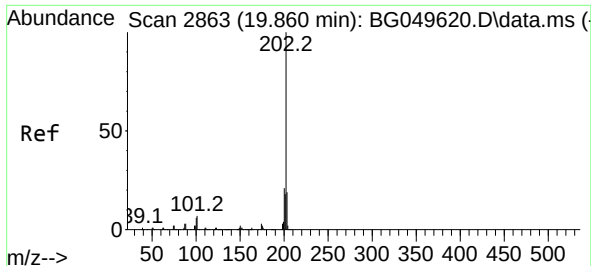


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.690 min Scan# 3175
Delta R.T. 0.032 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

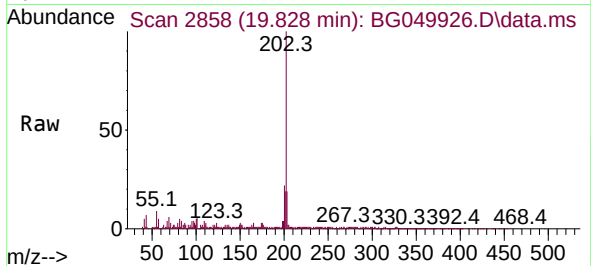


Tgt Ion:240 Resp: 131232
Ion Ratio Lower Upper
240 100
120 7.1 4.2 6.2#
236 28.8 21.8 32.6

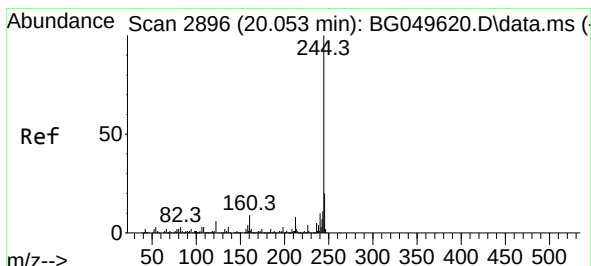
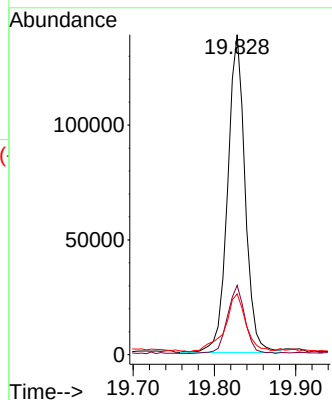
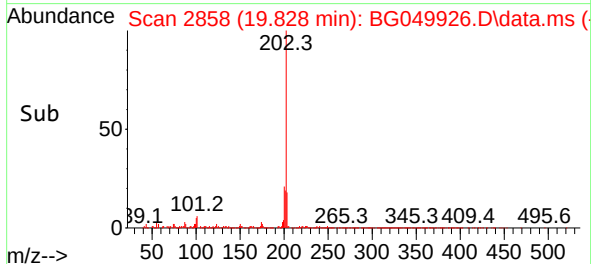




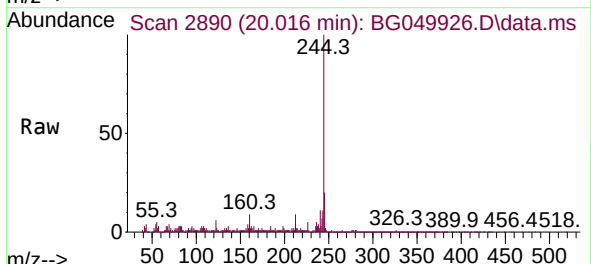
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Pyrene
Concen: 23.151 ng
RT: 19.828 min Scan# 2858
Delta R.T. 0.026 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18



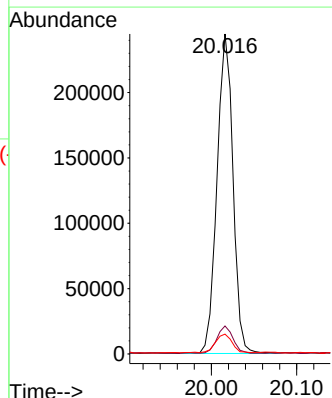
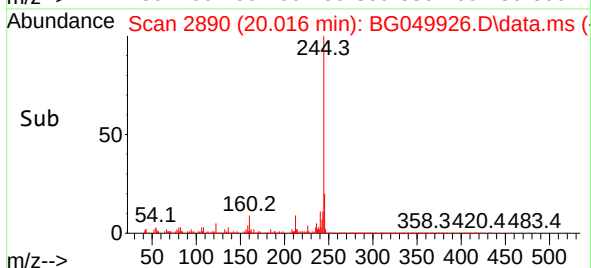
Tgt Ion:202 Resp: 207124
Ion Ratio Lower Upper
202 100
200 21.7 15.8 23.8
203 19.0 14.6 21.8



#79
Terphenyl-d14
Concen: 44.000 ng
RT: 20.016 min Scan# 2890
Delta R.T. 0.020 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18



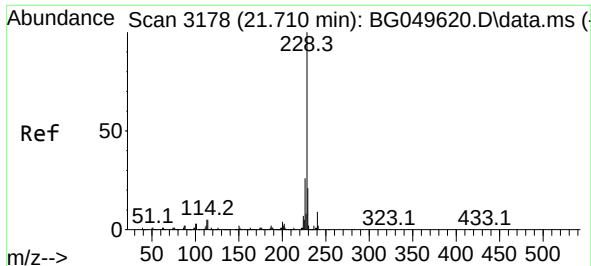
Tgt Ion:244 Resp: 317924
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 6.2 5.0 7.6



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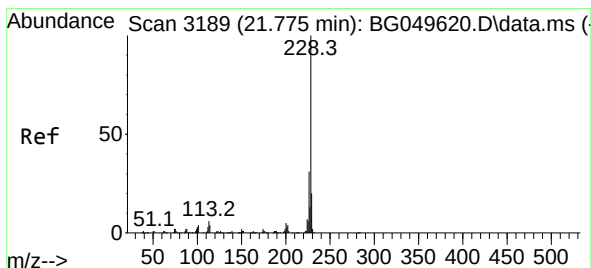
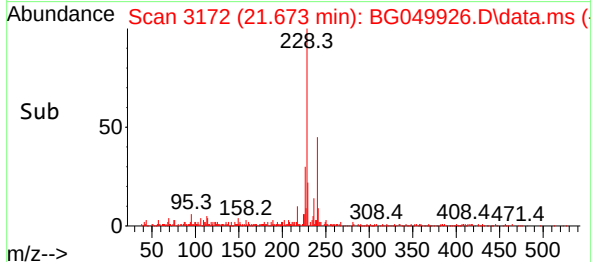
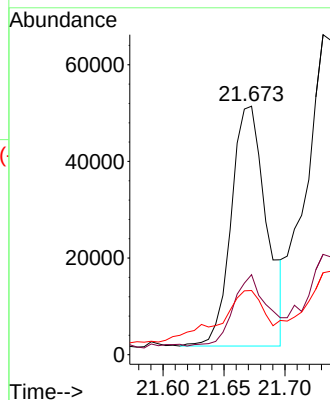
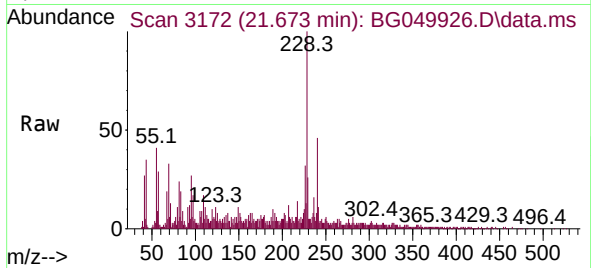
#81
Benzo(a)anthracene
Concen: 11.695 ng
RT: 21.673 min Scan# 3172
Delta R.T. 0.032 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

Tgt Ion:	228	Resp:	99949
Ion Ratio	Lower	Upper	
228	100		
226	32.2	22.7	34.1
229	25.8	16.0	24.0#

Instrument :
BNA_G
ClientSampled :
SWCS-03-0510

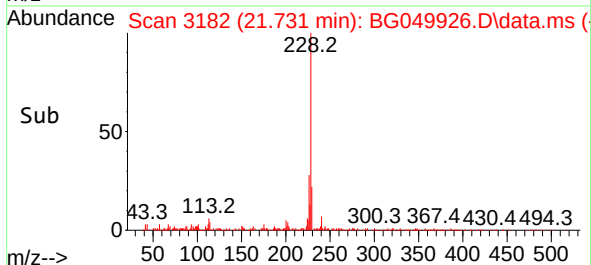
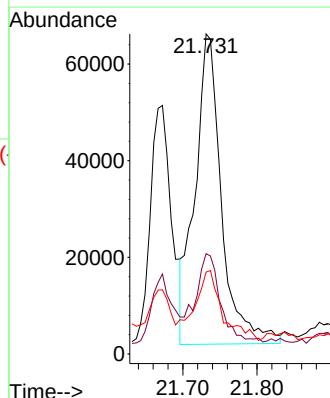
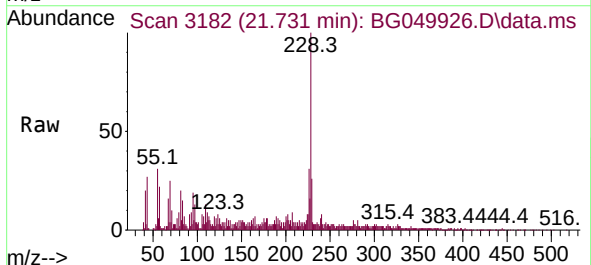
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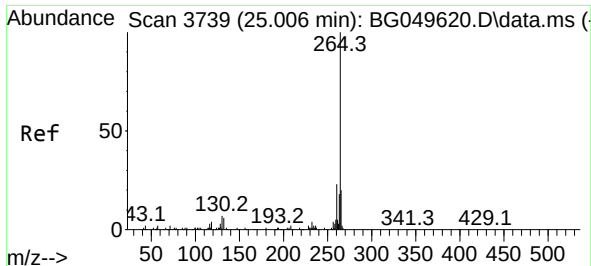
mohammad
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#83
Chrysene
Concen: 19.536 ng
RT: 21.731 min Scan# 3182
Delta R.T. 0.026 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

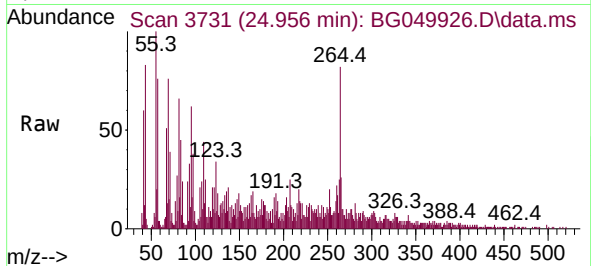
Tgt Ion:	228	Resp:	159600
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.1	34.7
229	25.6	15.3	22.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.956 min Scan# 3731
Delta R.T. 0.073 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

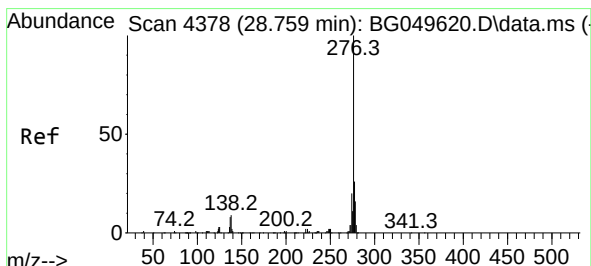
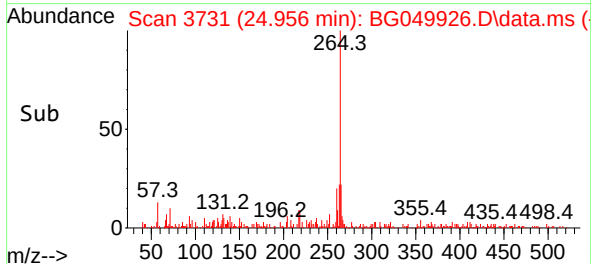
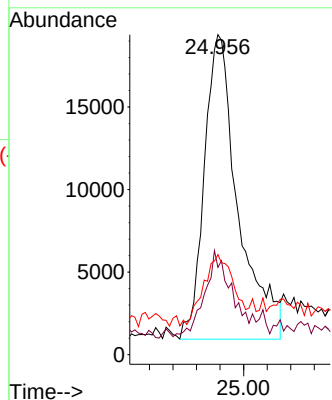
Instrument :
BNA_G
ClientSampled :
SWCS-03-0510



Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.3	19.4	29.2
265	31.3	16.9	25.3#

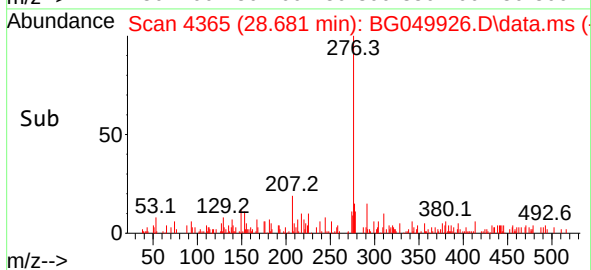
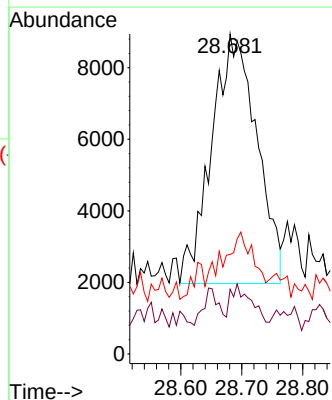
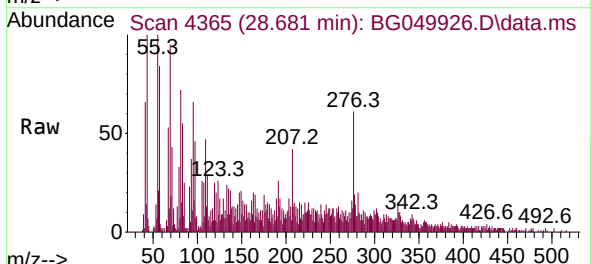
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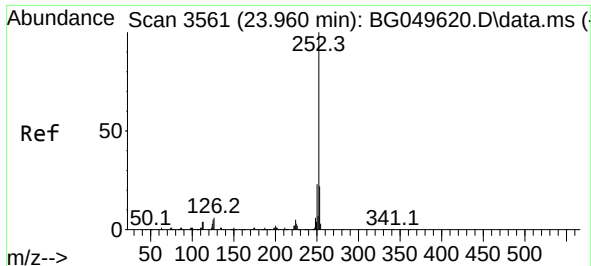
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 6.791 ng
RT: 28.681 min Scan# 4365
Delta R.T. 0.102 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.5	5.1	7.7
277	14.0	19.8	29.6#





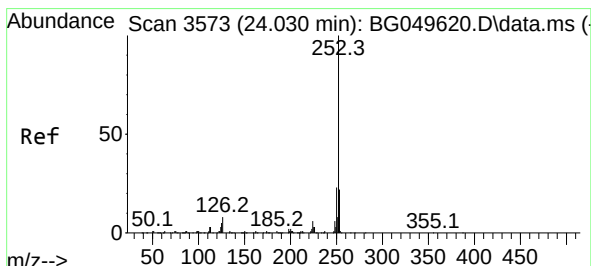
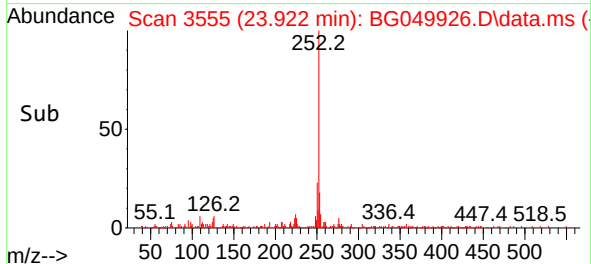
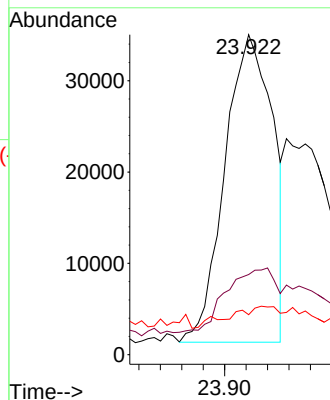
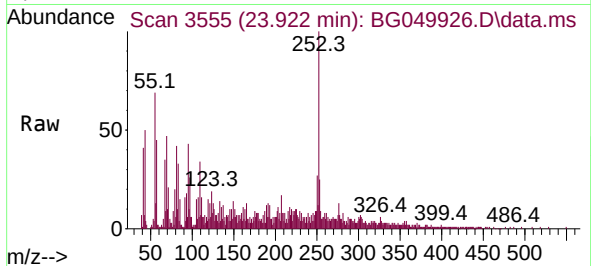
#88
Benzo(b)fluoranthene
Concen: 21.606 ng m
RT: 23.922 min Scan# 3555
Delta R.T. 0.061 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

Tgt Ion:252 Resp: 104501
Ion Ratio Lower Upper
252 100
253 25.1 16.2 24.4#
125 12.5 3.0 4.4#

Instrument :
BNA_G
ClientSampleId :
SWCS-03-0510

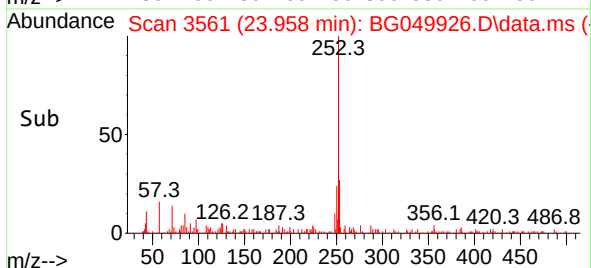
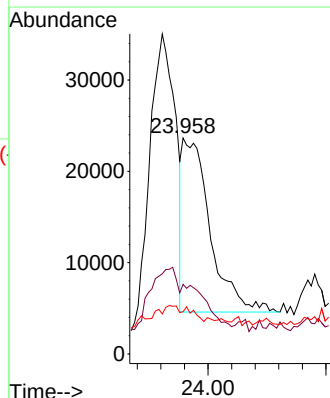
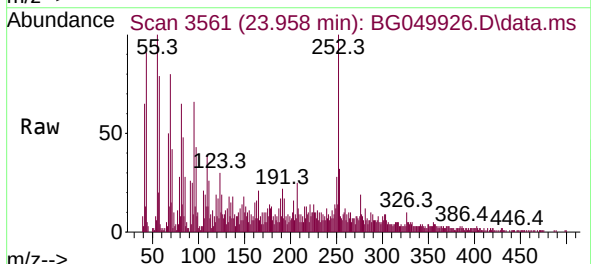
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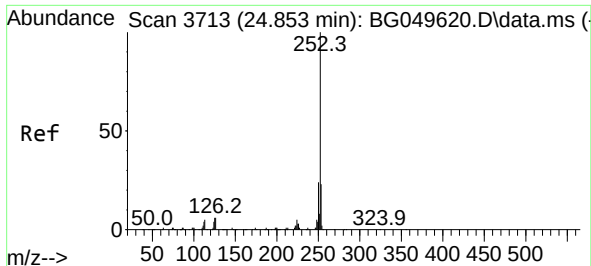
mohammad
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#89
Benzo(k)fluoranthene
Concen: 13.840 ng m
RT: 23.958 min Scan# 3561
Delta R.T. 0.032 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

Tgt Ion:252 Resp: 62440
Ion Ratio Lower Upper
252 100
253 32.2 18.0 27.0#
125 19.5 3.1 4.7#





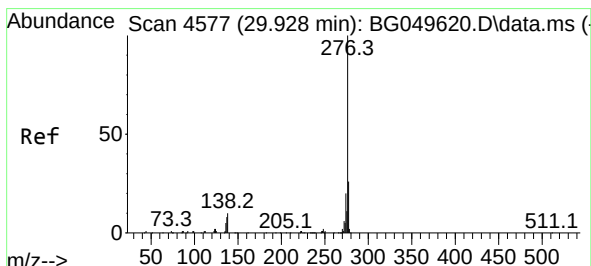
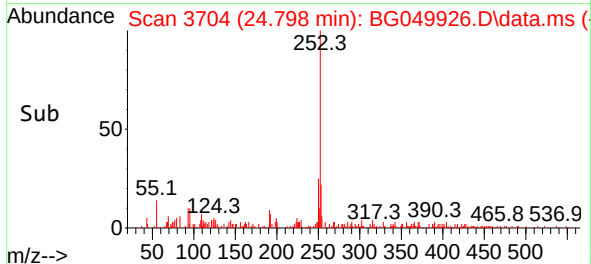
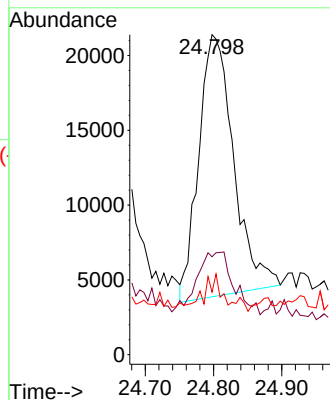
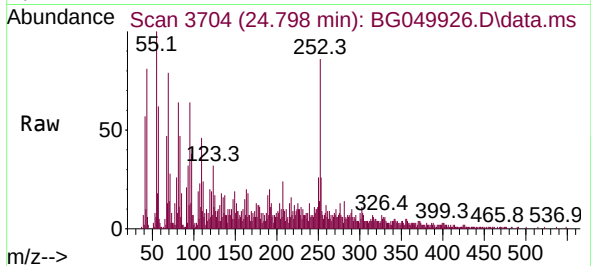
#90
Benzo(a)pyrene
Concen: 14.249 ng
RT: 24.798 min Scan# 3704
Delta R.T. 0.061 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.6	16.6	25.0#
125	19.5	3.5	5.3#

Instrument :
BNA_G
ClientSampled :
SWCS-03-0510

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 9.468 ng m
RT: 29.861 min Scan# 4566
Delta R.T. 0.126 min
Lab File: BG049926.D
Acq: 21 Aug 2021 2:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	35.3	18.4	27.6#
138	18.8	7.0	10.6#

