

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
 Data File : BG049954.D
 Acq On : 24 Aug 2021 16:03
 Operator : CG/JU
 Sample : M3463-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-19-0204

Manual Integrations
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Quant Time: Aug 25 01:07:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 16:13:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	30746	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	126770	20.000	ng	#-0.01
39) Acenaphthene-d10	14.634	164	88553	20.000	ng	-0.01
64) Phenanthrene-d10	17.389	188	172736	20.000	ng	#-0.01
76) Chrysene-d12	21.666	240	144969	20.000	ng	-0.01
86) Perylene-d12	24.897	264	152689	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	224949	131.154	ng	0.00
7) Phenol-d6	7.156	99	319400	123.021	ng	0.00
23) Nitrobenzene-d5	9.147	82	230430	80.435	ng	-0.01
42) 2,4,6-Tribromophenol	16.132	330	158626	121.869	ng	-0.01
45) 2-Fluorobiphenyl	13.254	172	430480	70.735	ng	0.00
79) Terphenyl-d14	20.003	244	512438	64.199	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.430	178	52537	5.781	ng	97
75) Fluoranthene	19.445	202	130404	11.661	ng	95
78) Pyrene	19.809	202	104789	10.603	ng	96
81) Benzo(a)anthracene	21.648	228	63697	6.747	ng	99
83) Chrysene	21.713	228	63928	7.084	ng	94
87) Indeno(1,2,3-cd)pyrene	28.597	276	36930	3.354	ng	# 92
88) Benzo(b)fluoranthene	23.874	252	83105	8.299	ng	# 94
89) Benzo(k)fluoranthene	23.933	252	30033m	3.215	ng	
90) Benzo(a)pyrene	24.744	252	54830	6.050	ng	# 93
92) Benzo(g,h,i)perylene	29.761	276	35455	3.900	ng	# 91

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

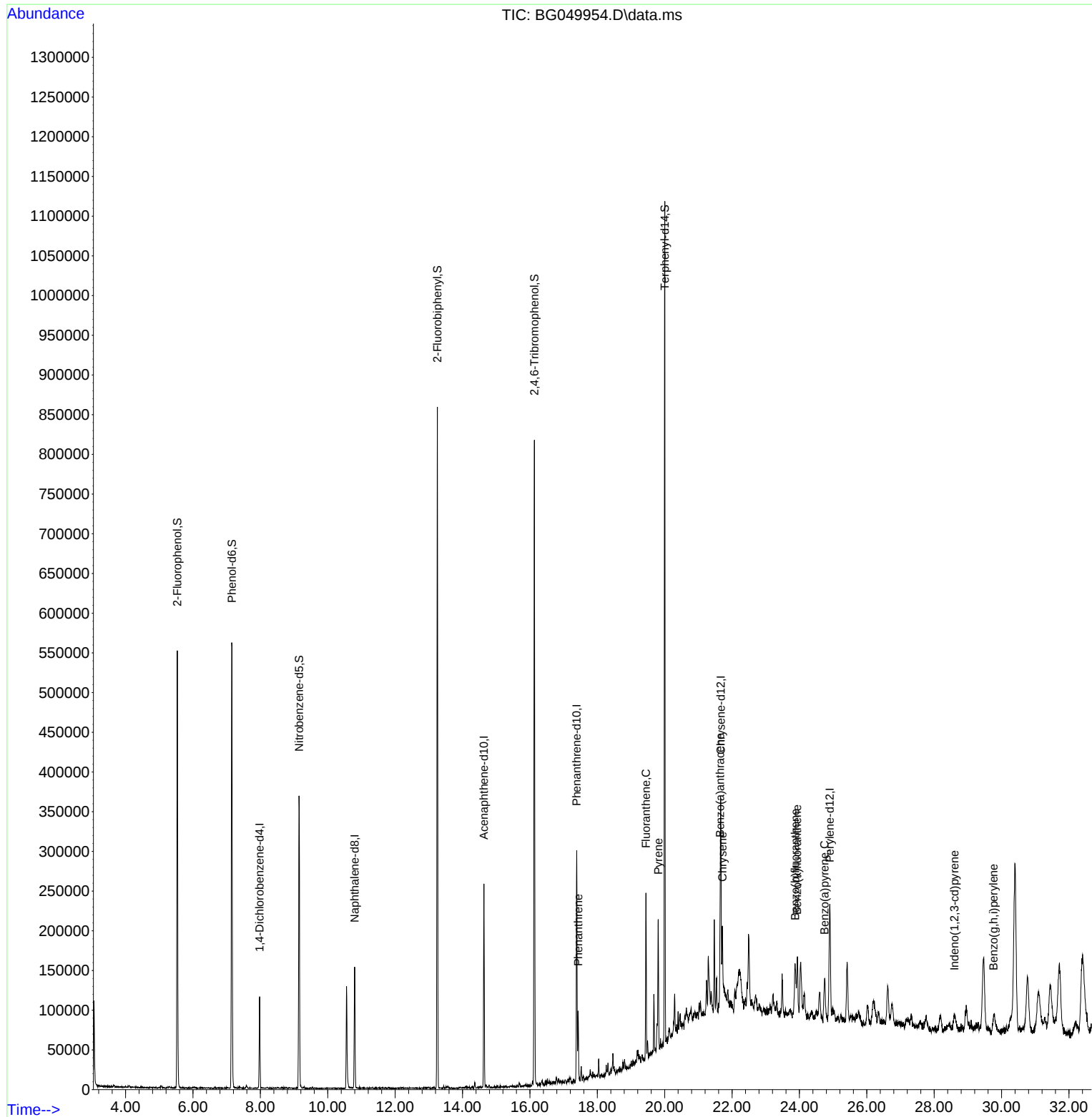
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Data File : BG049954.D
Acq On : 24 Aug 2021 16:03
Operator : CG/JU
Sample : M3463-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

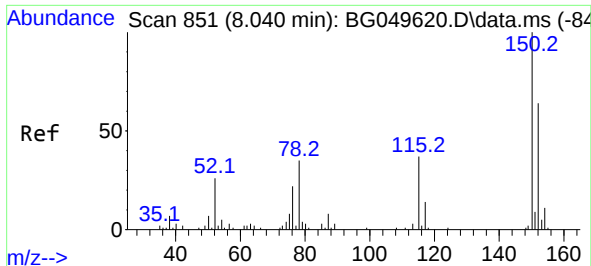
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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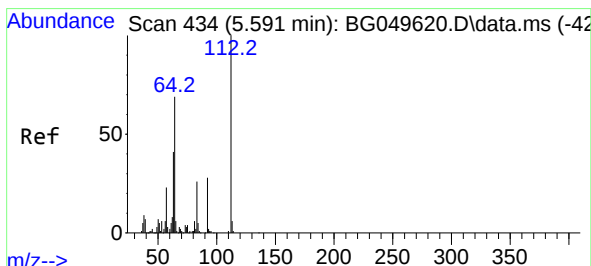
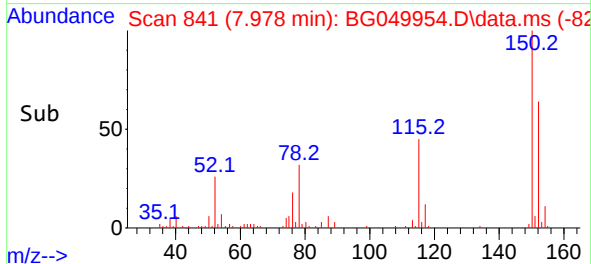
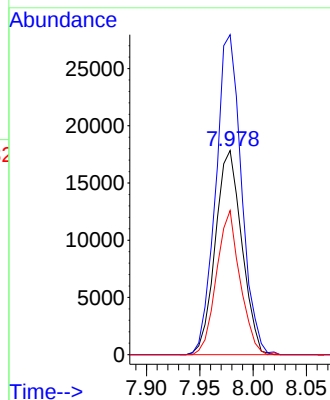
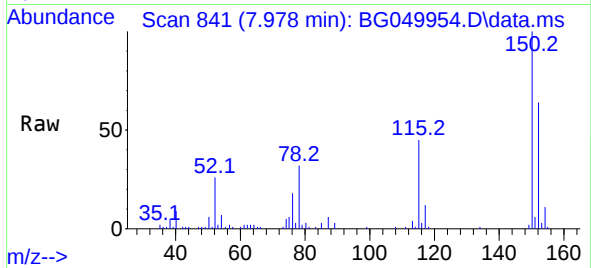
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 841
Delta R.T. -0.008 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

Tgt Ion:152 Resp: 30746
Ion Ratio Lower Upper
152 100
150 156.7 119.4 179.0
115 70.6 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
SWCS-19-0204

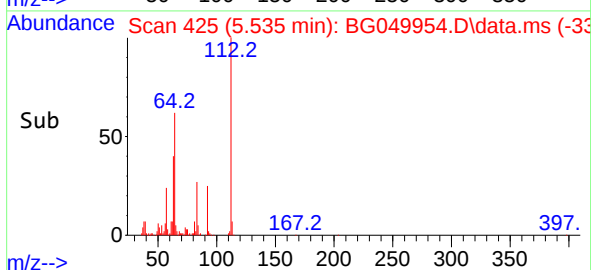
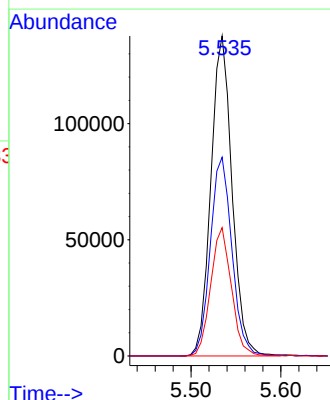
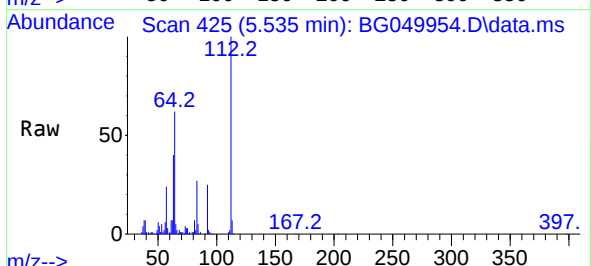
Manual Integrations
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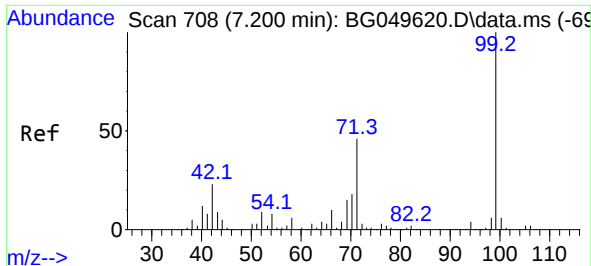
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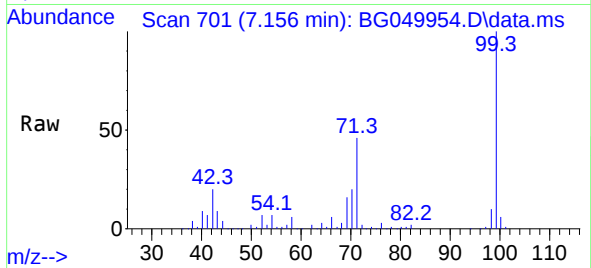
#5
2-Fluorophenol
Concen: 131.154 ng
RT: 5.535 min Scan# 425
Delta R.T. -0.002 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

Tgt Ion:112 Resp: 224949
Ion Ratio Lower Upper
112 100
64 62.1 46.7 70.1
63 40.1 35.3 52.9

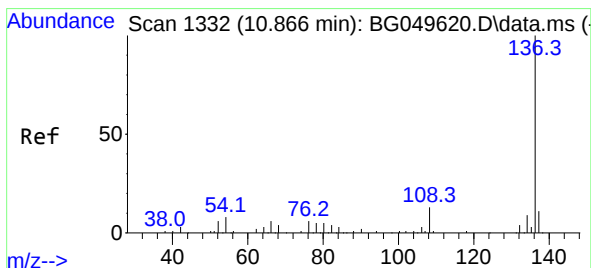
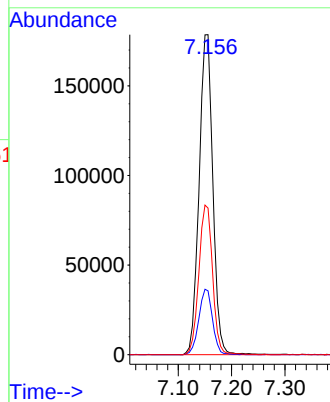
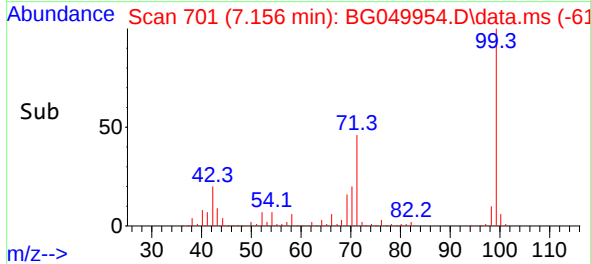




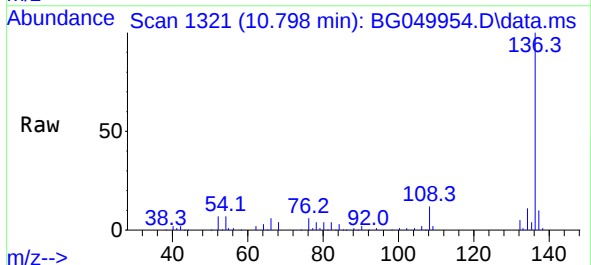
#7
Phenol-d6
Concen: 123.021 ng
RT: 7.156 min Scan# 701
Delta R.T. -0.002 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03



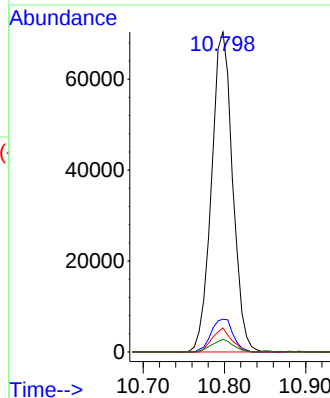
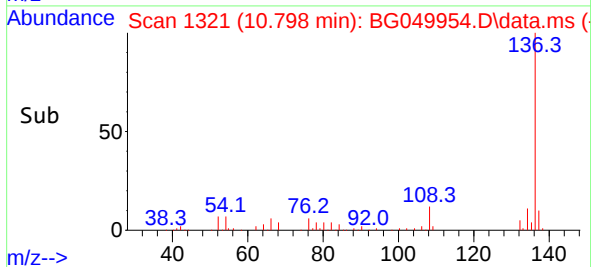
Tgt Ion: 99 Resp: 319400
Ion Ratio Lower Upper
99 100
42 20.0 20.5 30.7#
71 45.8 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1321
Delta R.T. -0.013 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03



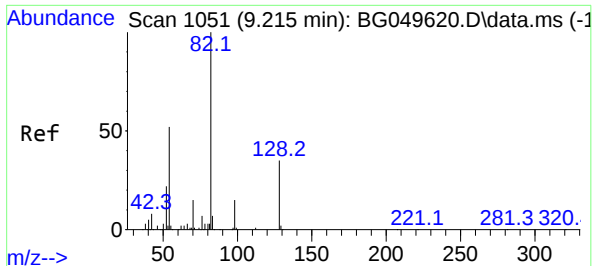
Tgt Ion: 136 Resp: 126770
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 7.5 5.5 8.3
68 3.9 2.3 3.5#



Instrument :
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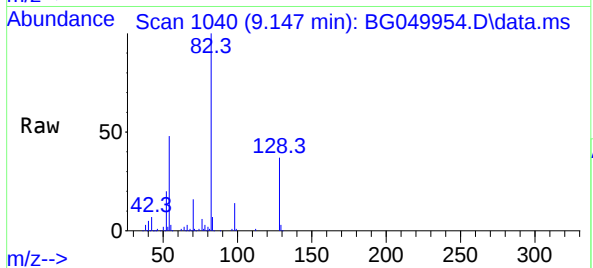
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#23
Nitrobenzene-d5
Concen: 80.435 ng
RT: 9.147 min Scan# 1040
Delta R.T. -0.014 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

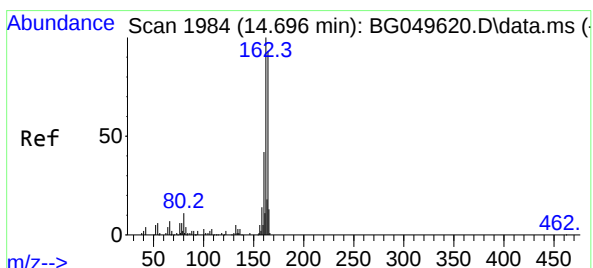
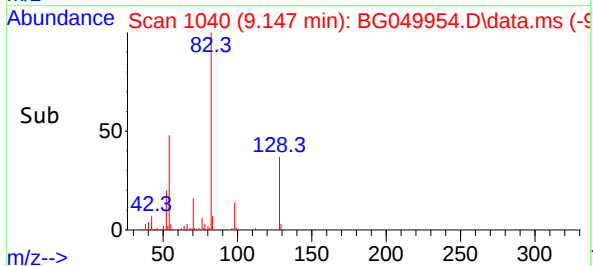
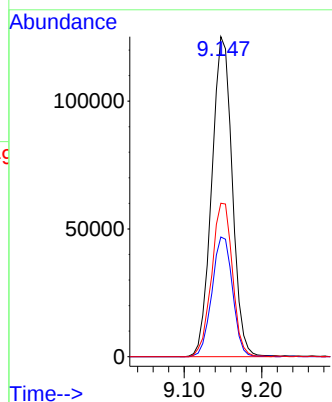
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0204



Tgt Ion: 82 Resp: 230430
Ion Ratio Lower Upper
82 100
128 37.4 29.8 44.6
54 48.0 45.8 68.8

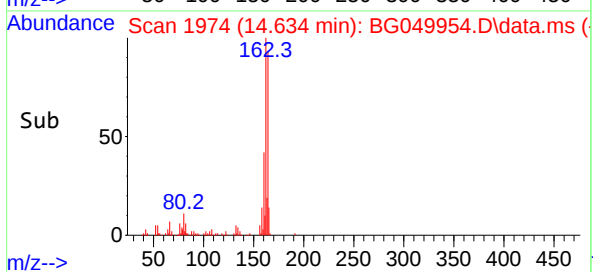
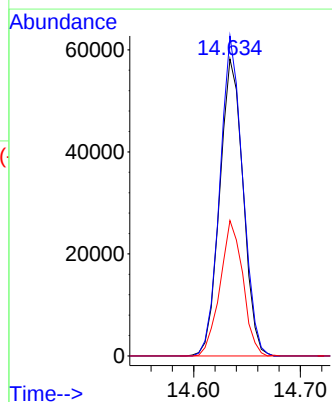
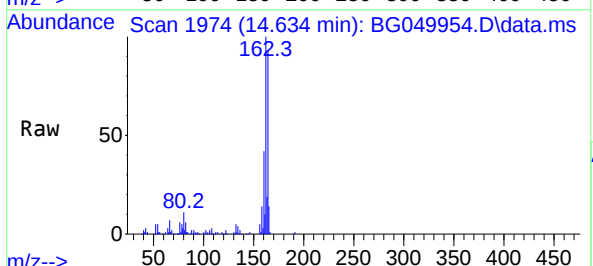
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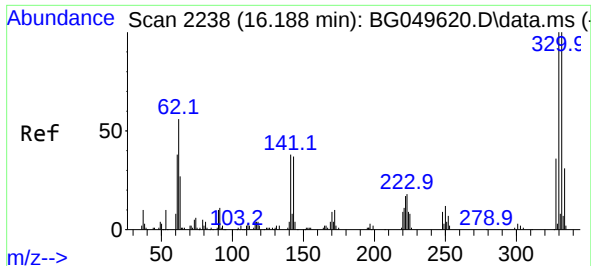
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.634 min Scan# 1974
Delta R.T. -0.014 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

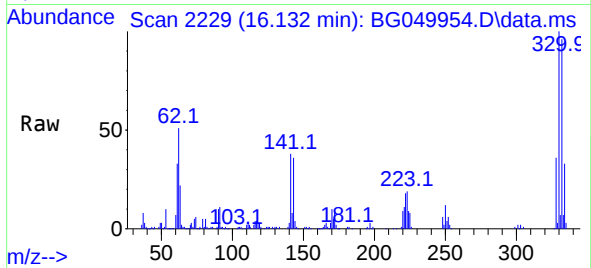
Tgt Ion:164 Resp: 88553
Ion Ratio Lower Upper
164 100
162 107.8 81.4 122.0
160 45.6 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 121.869 ng
RT: 16.132 min Scan# 2229
Delta R.T. -0.014 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

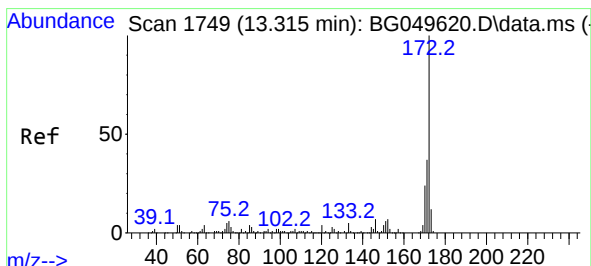
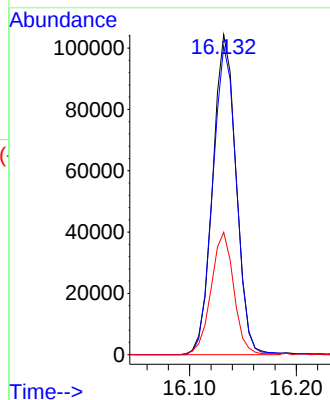
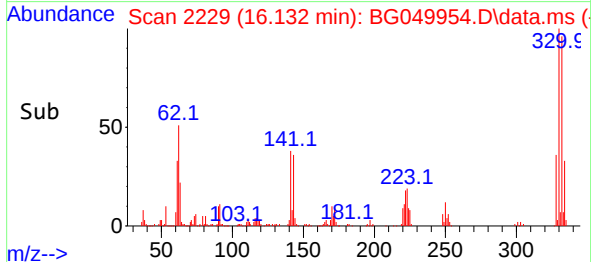
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0204



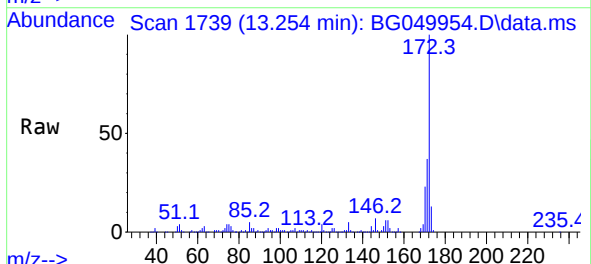
Tgt Ion:330 Resp: 158626
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 37.2 35.6 53.4

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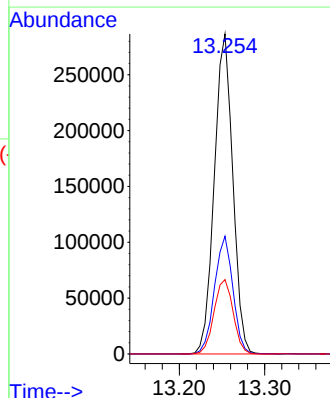
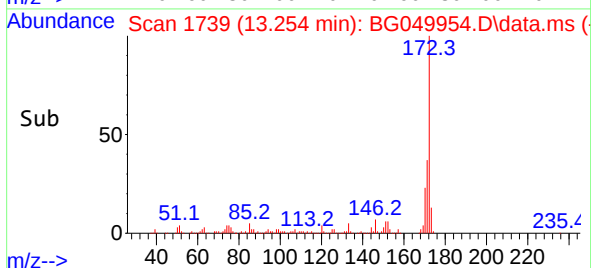
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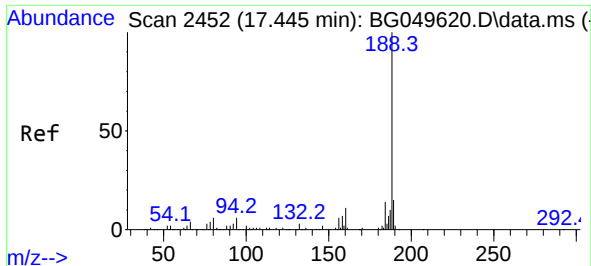


#45
2-Fluorobiphenyl
Concen: 70.735 ng
RT: 13.254 min Scan# 1739
Delta R.T. -0.008 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03



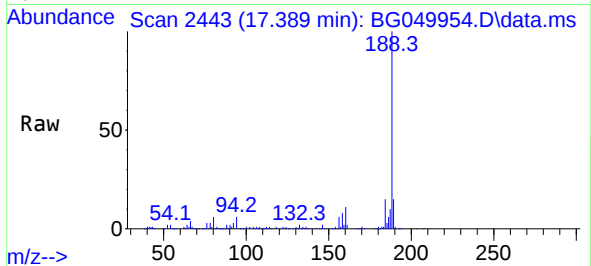
Tgt Ion:172 Resp: 430480
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 23.2 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.389 min Scan# 2443
Delta R.T. -0.014 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

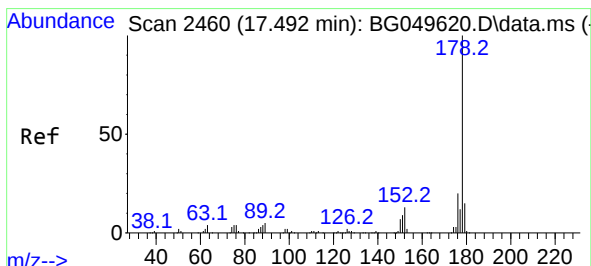
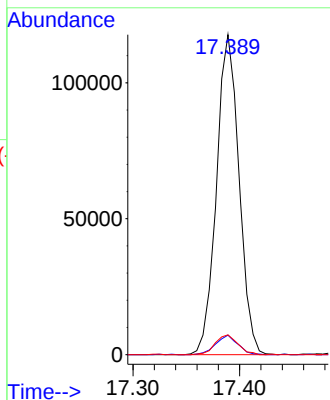
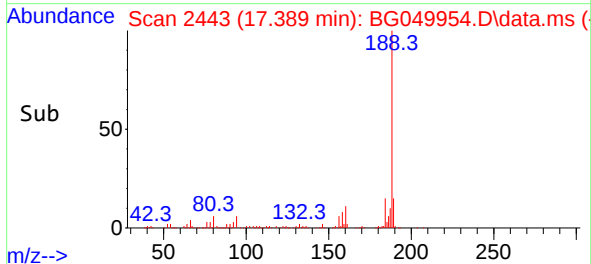
Instrument :
BNA_G
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SWCS-19-0204



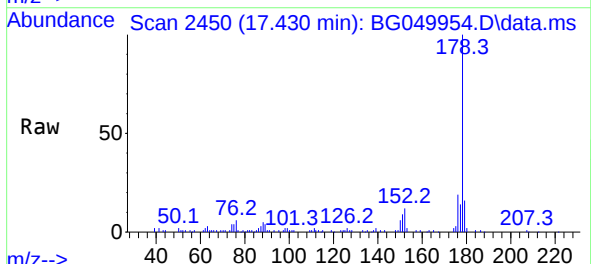
Tgt Ion:188 Resp: 172736
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 6.2 3.7 5.5#

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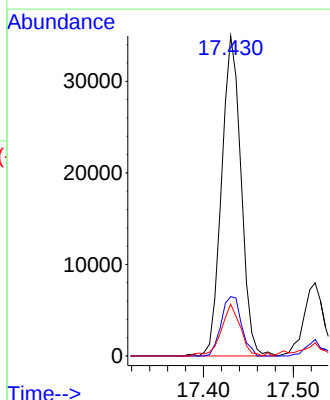
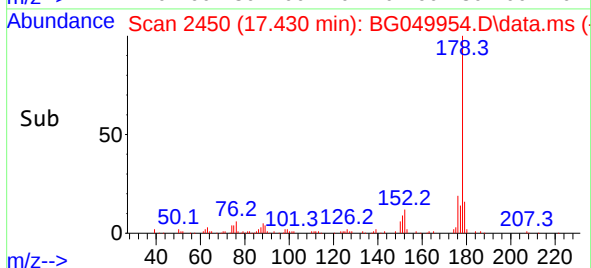
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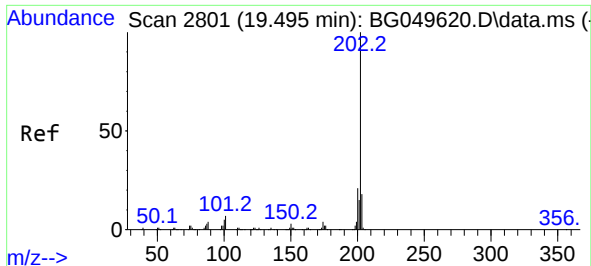


#71
Phenanthrene
Concen: 5.781 ng
RT: 17.430 min Scan# 2450
Delta R.T. -0.014 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03



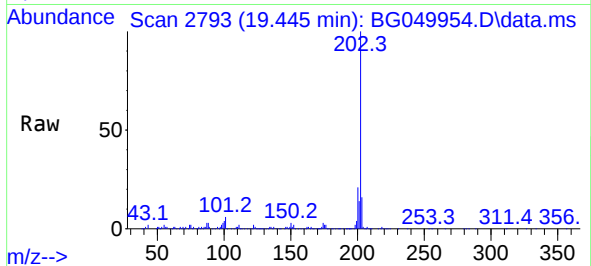
Tgt Ion:178 Resp: 52537
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 16.2 14.2 21.4





#75
Fluoranthene
Concen: 11.661 ng
RT: 19.445 min Scan# 2793
Delta R.T. -0.014 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

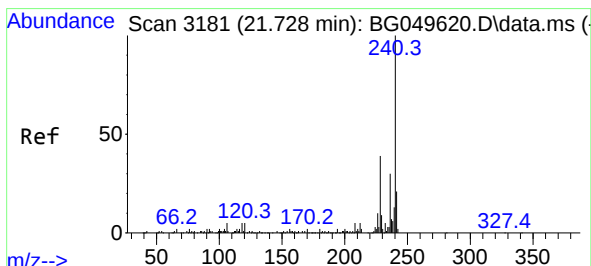
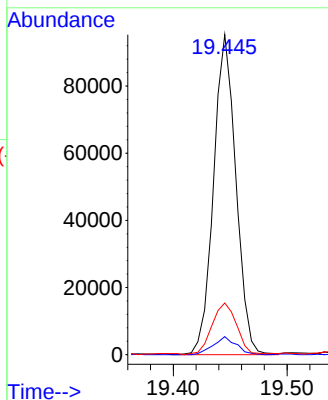
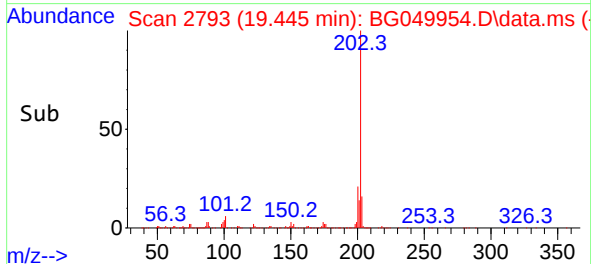
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0204



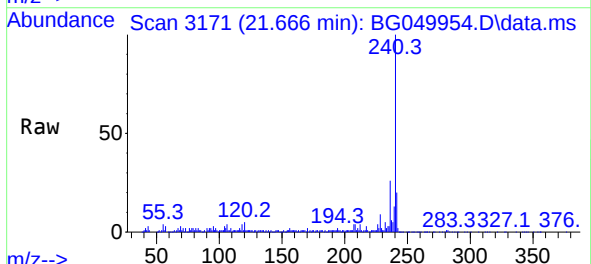
Tgt Ion:202 Resp: 130404
Ion Ratio Lower Upper
202 100
101 5.6 0.0 24.7
203 16.2 0.0 38.5

Manual Integrations
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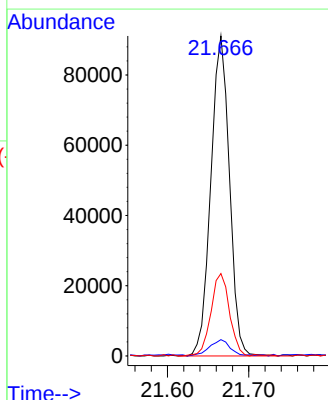
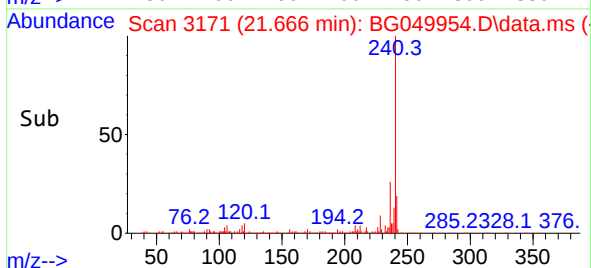
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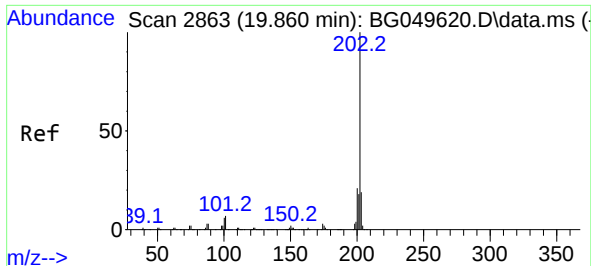


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3171
Delta R.T. -0.014 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03



Tgt Ion:240 Resp: 144969
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 25.8 21.8 32.6





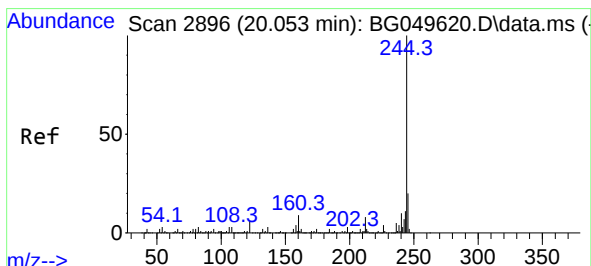
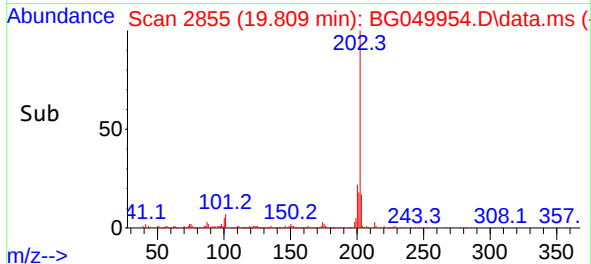
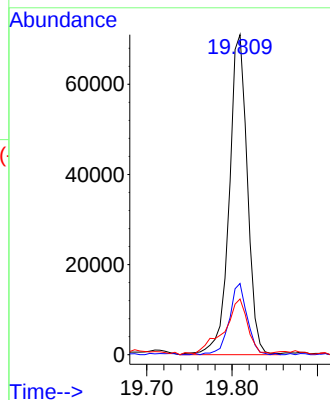
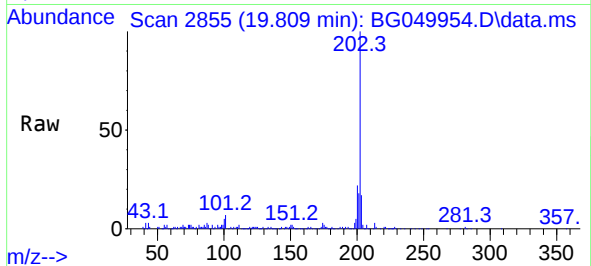
#78
Pyrene
Concen: 10.603 ng
RT: 19.809 min Scan# 2855
Delta R.T. -0.008 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

Tgt Ion:	202	Resp:	104789
Ion Ratio	Lower	Upper	
202	100		
200	22.2	15.8	23.8
203	17.4	14.6	21.8

Instrument :
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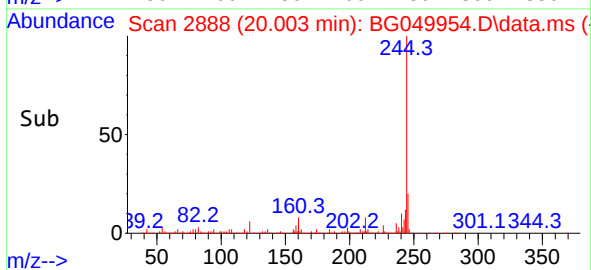
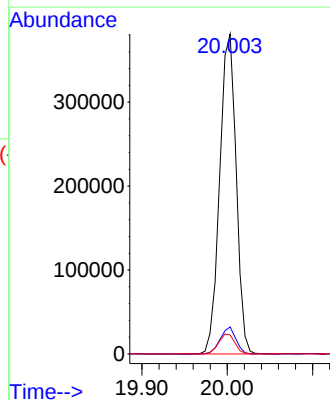
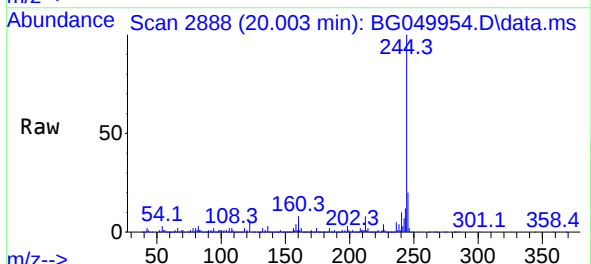
Manual Integrations
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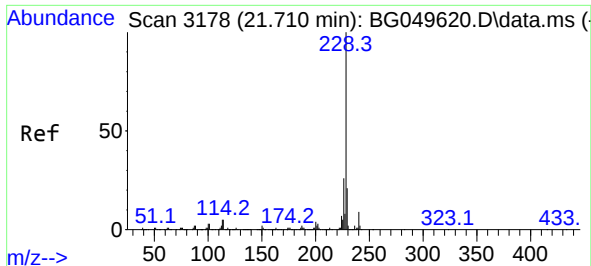
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#79
Terphenyl-d14
Concen: 64.199 ng
RT: 20.003 min Scan# 2888
Delta R.T. -0.008 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

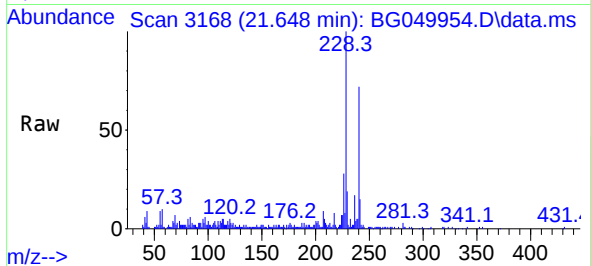
Tgt Ion:	244	Resp:	512438
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.9	10.3
122	6.0	5.0	7.6





#81
Benzo(a)anthracene
Concen: 6.747 ng
RT: 21.648 min Scan# 3168
Delta R.T. -0.008 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

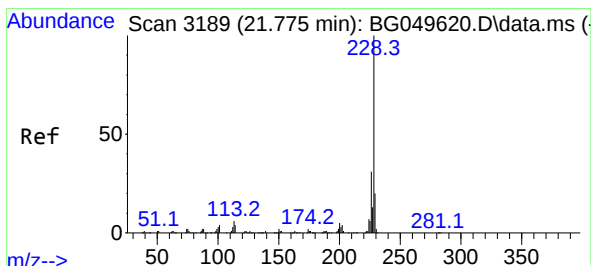
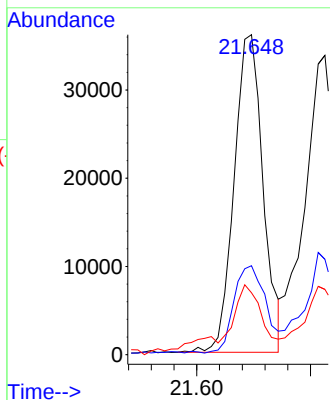
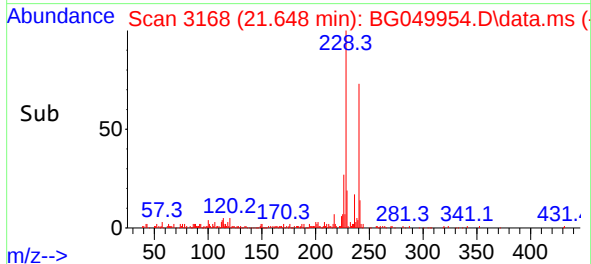
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0204



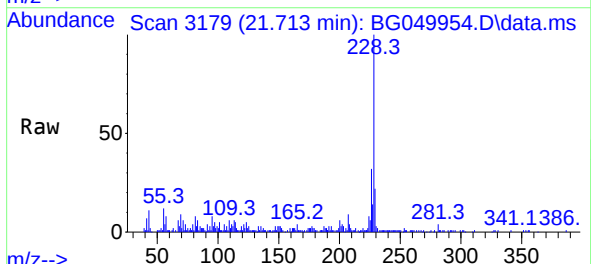
Tgt Ion:228 Resp: 63697
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 19.3 16.0 24.0

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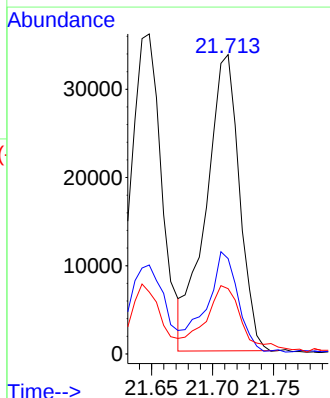
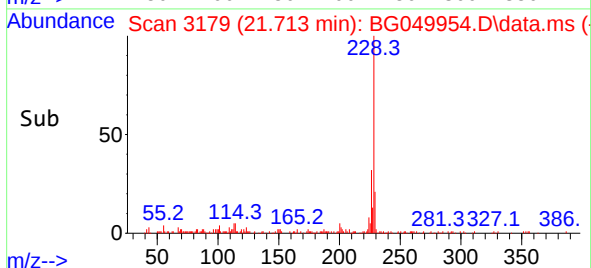
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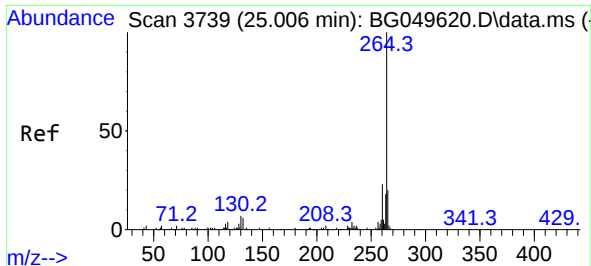


#83
Chrysene
Concen: 7.084 ng
RT: 21.713 min Scan# 3179
Delta R.T. -0.014 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03



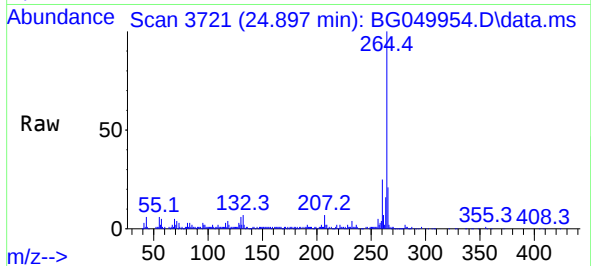
Tgt Ion:228 Resp: 63928
Ion Ratio Lower Upper
228 100
226 31.9 23.1 34.7
229 21.8 15.3 22.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.897 min Scan# 3721
 Delta R.T. -0.025 min
 Lab File: BG049954.D
 Acq: 24 Aug 2021 16:03

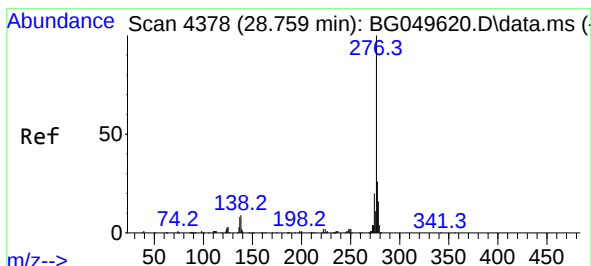
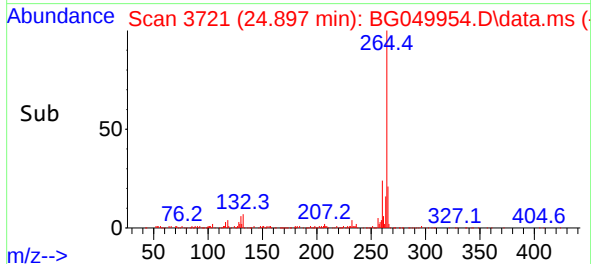
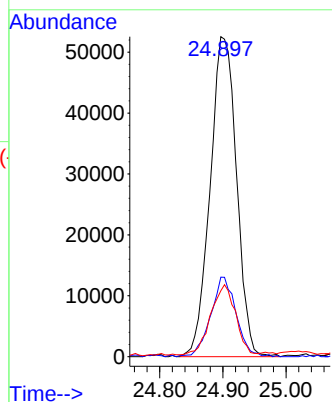
Instrument :
 BNA_G
 ClientSampleId :
 SWCS-19-0204



Tgt Ion:264 Resp: 152689
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 20.6 16.9 25.3

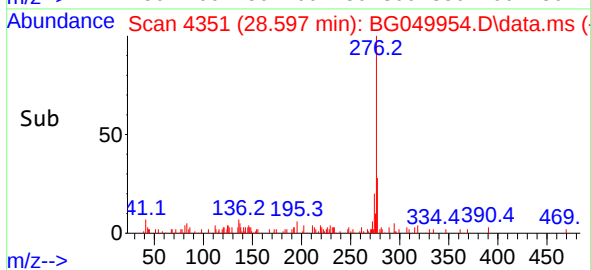
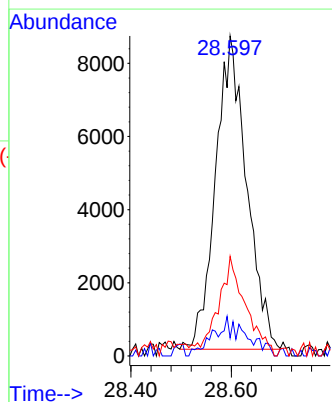
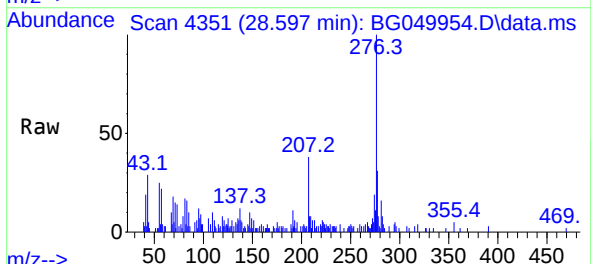
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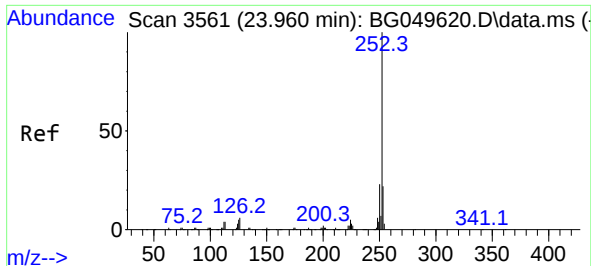
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#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.354 ng
 RT: 28.597 min Scan# 4351
 Delta R.T. -0.049 min
 Lab File: BG049954.D
 Acq: 24 Aug 2021 16:03

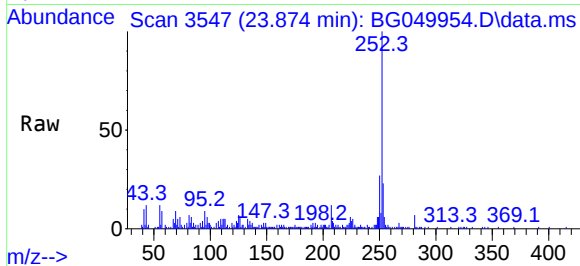
Tgt Ion:276 Resp: 36930
 Ion Ratio Lower Upper
 276 100
 138 1.6 5.1 7.7#
 277 27.6 19.8 29.6





#88
Benzo(b)fluoranthene
Concen: 8.299 ng
RT: 23.874 min Scan# 3547
Delta R.T. -0.019 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

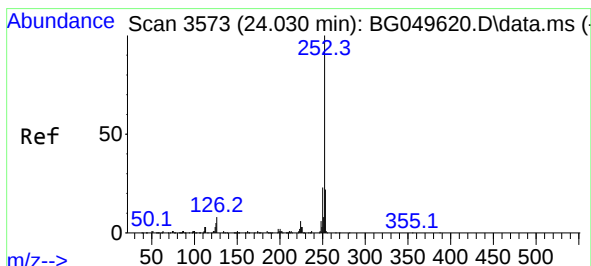
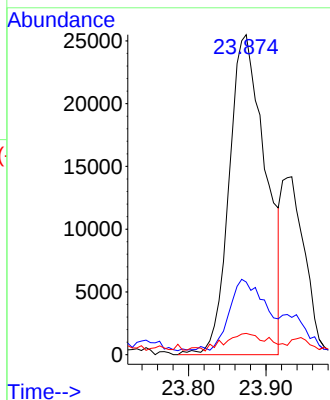
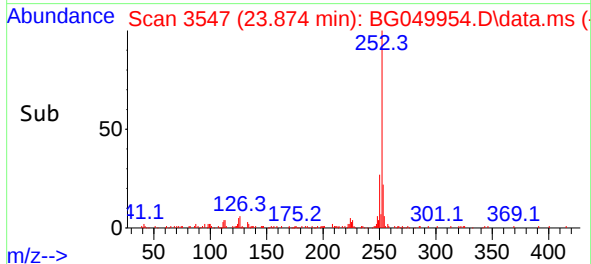
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0204



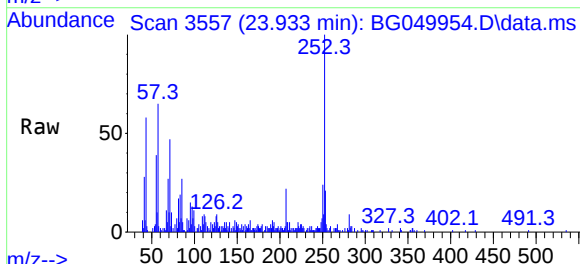
Tgt Ion:252 Resp: 83105
Ion Ratio Lower Upper
252 100
253 22.7 16.2 24.4
125 6.7 3.0 4.4#

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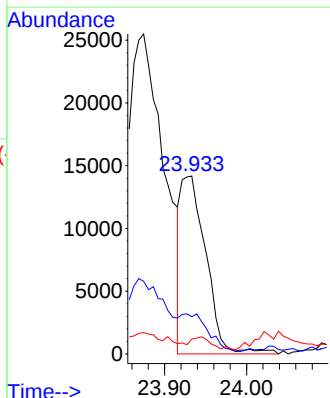
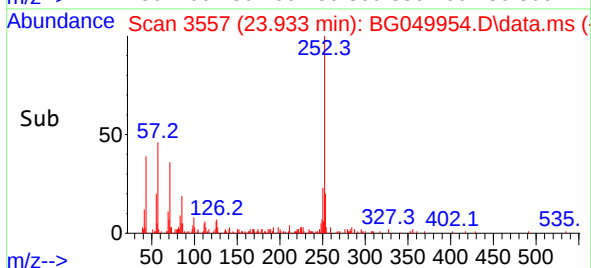
mohammad
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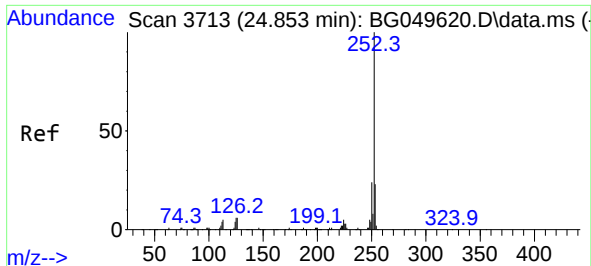


#89
Benzo(k)fluoranthene
Concen: 3.215 ng m
RT: 23.933 min Scan# 3557
Delta R.T. -0.025 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03

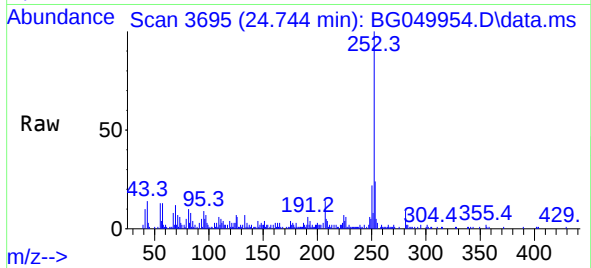


Tgt Ion:252 Resp: 30033
Ion Ratio Lower Upper
252 100
253 21.0 18.0 27.0
125 8.3 3.1 4.7#

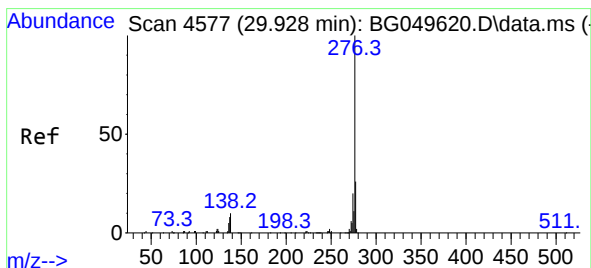
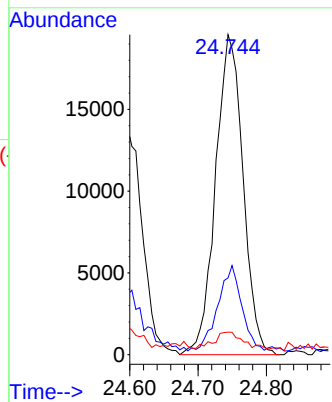
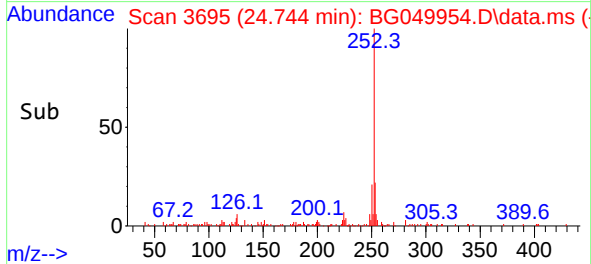




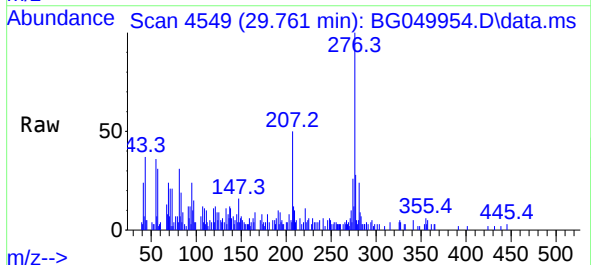
#90
Benzo(a)pyrene
Concen: 6.050 ng
RT: 24.744 min Scan# 3695
Delta R.T. -0.031 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03



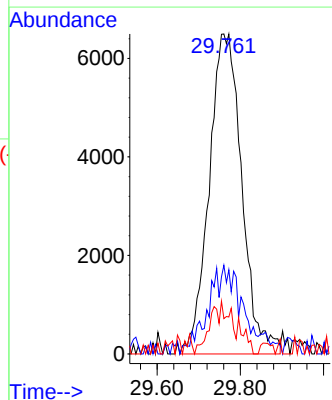
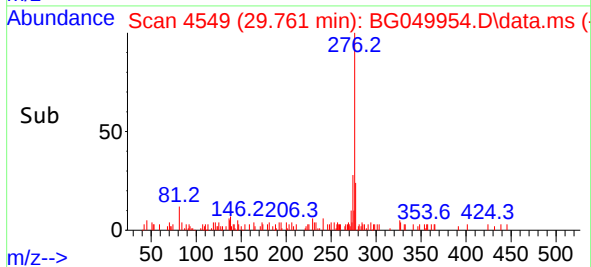
Tgt Ion:252 Resp: 54830
Ion Ratio Lower Upper
252 100
253 24.0 16.6 25.0
125 7.0 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 3.900 ng
RT: 29.761 min Scan# 4549
Delta R.T. -0.055 min
Lab File: BG049954.D
Acq: 24 Aug 2021 16:03



Tgt Ion:276 Resp: 35455
Ion Ratio Lower Upper
276 100
277 27.7 18.4 27.6#
138 11.1 7.0 10.6#



Instrument :
BNA_G
ClientSampleId :
SWCS-19-0204

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