

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
 Data File : BG049920.D
 Acq On : 20 Aug 2021 22:11
 Operator : CG/JU
 Sample : M3398-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-05-0002

Manual Integrations
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Quant Time: Aug 21 05:20:52 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	7.980	152	37379	20.000	ng	0.00
21) Naphthalene-d8	10.800	136	149995	20.000	ng	# 0.00
39) Acenaphthene-d10	14.636	164	97117	20.000	ng	0.00
64) Phenanthrene-d10	17.391	188	176571	20.000	ng	# 0.00
76) Chrysene-d12	21.668	240	157277	20.000	ng	0.00
86) Perylene-d12	24.905	264	138764	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	206440	99.004	ng	0.00
7) Phenol-d6	7.152	99	287332	91.031	ng	0.00
23) Nitrobenzene-d5	9.155	82	206788	61.006	ng	0.00
42) 2,4,6-Tribromophenol	16.134	330	132082	92.527	ng	0.00
45) 2-Fluorobiphenyl	13.256	172	445463	66.742	ng	0.00
79) Terphenyl-d14	20.005	244	543730	62.789	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.447	202	59261	5.184	ng	99
78) Pyrene	19.806	202	58927	5.496	ng	97
81) Benzo(a)anthracene	21.644	228	35761m	3.491	ng	
83) Chrysene	21.715	228	33660	3.438	ng	96
88) Benzo(b)fluoranthene	23.877	252	44706	4.912	ng	# 88
89) Benzo(k)fluoranthene	23.941	252	22094m	2.603	ng	
90) Benzo(a)pyrene	24.752	252	28000	3.400	ng	# 86

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

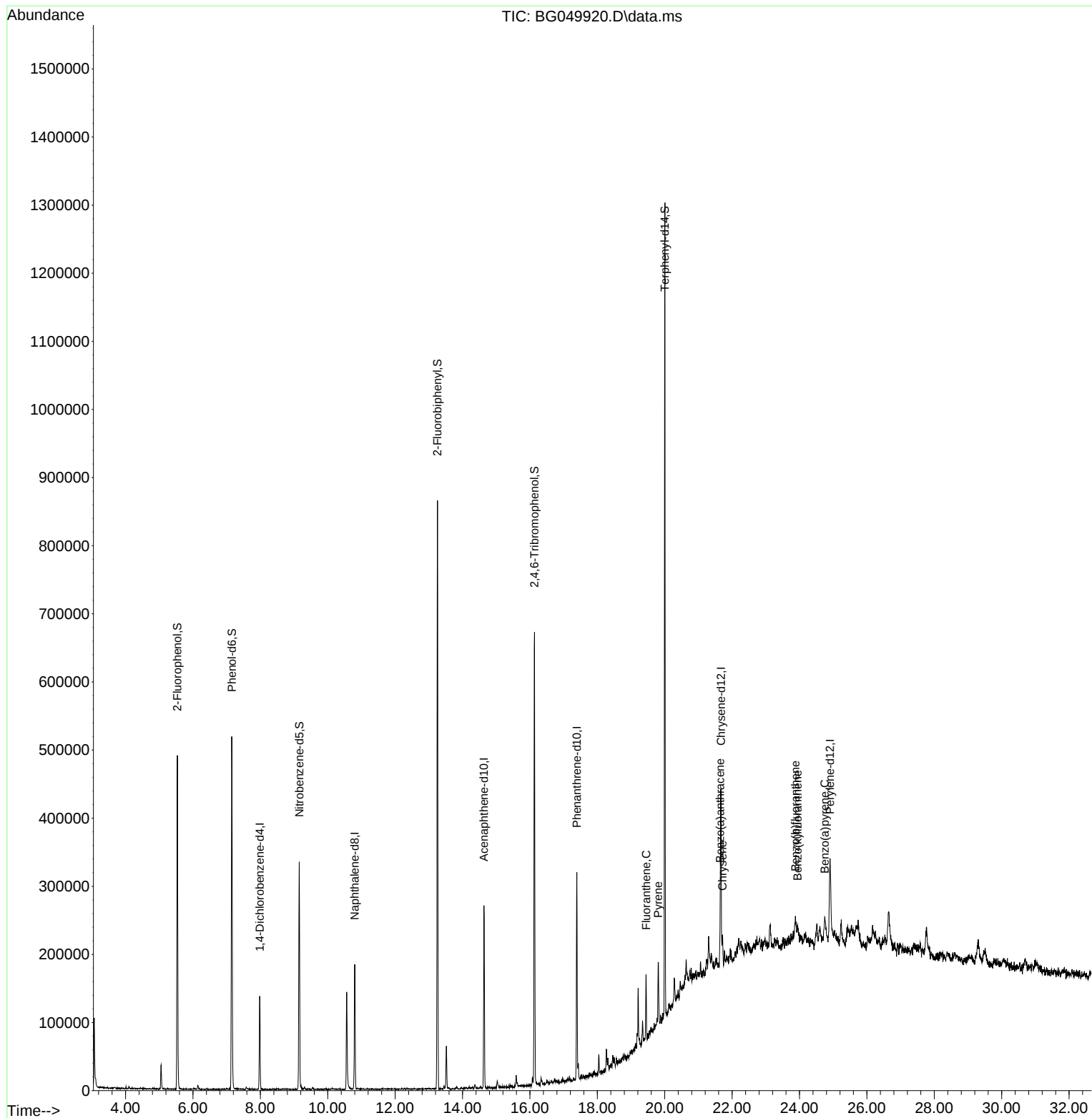
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
Data File : BG049920.D
Acq On : 20 Aug 2021 22:11
Operator : CG/JU
Sample : M3398-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

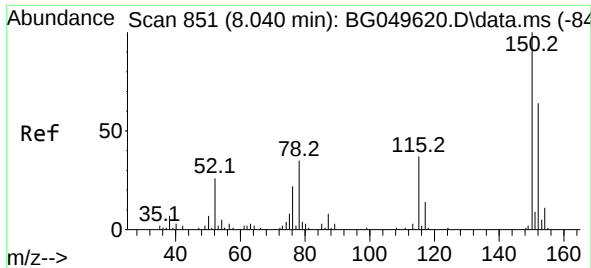
Instrument :
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ClientSampleId :
SWCS-05-0002

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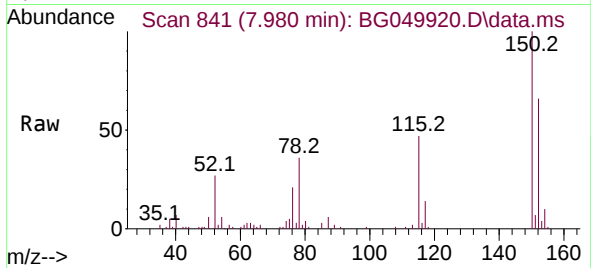
Quant Time: Aug 21 05:20:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 21 05:13:22 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.980 min Scan# 841
Delta R.T. 0.003 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11

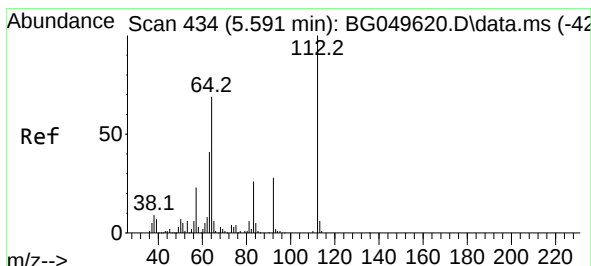
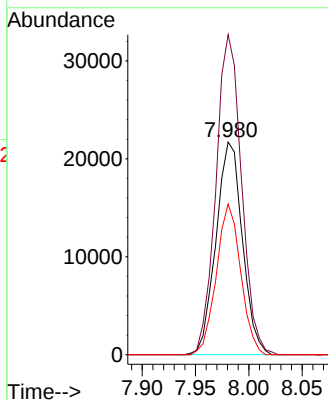
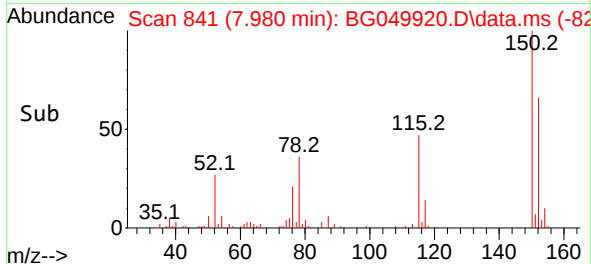
Instrument :
BNA_G
ClientSampleId :
SWCS-05-0002



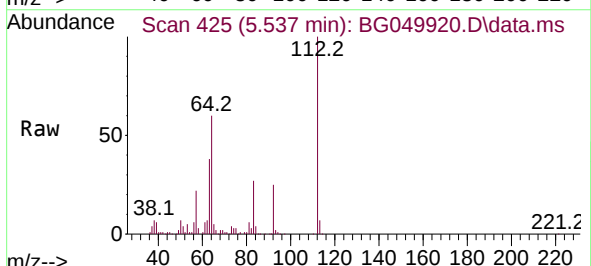
Tgt Ion:152 Resp: 37379
Ion Ratio Lower Upper
152 100
150 150.5 119.4 179.0
115 70.8 60.2 90.4

Manual Integrations
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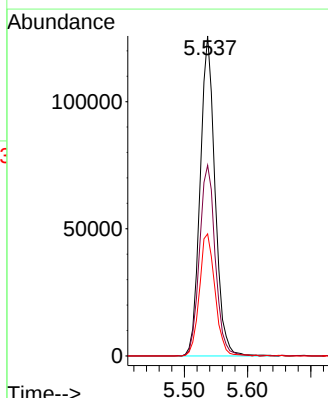
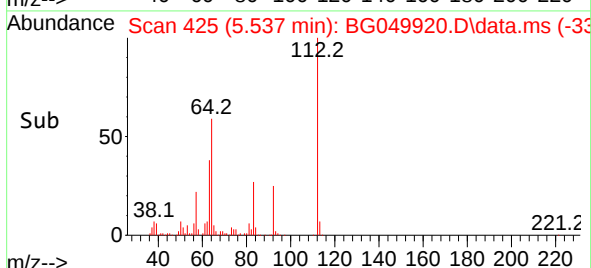
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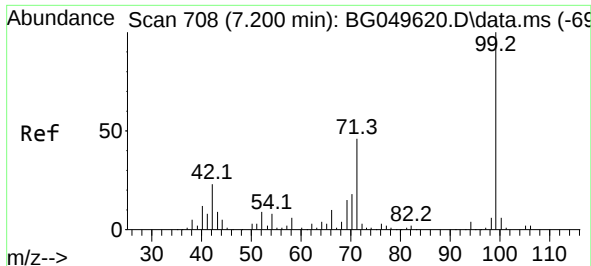


#5
2-Fluorophenol
Concen: 99.004 ng
RT: 5.537 min Scan# 425
Delta R.T. 0.009 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11

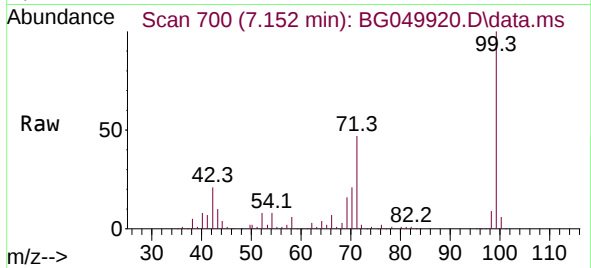


Tgt Ion:112 Resp: 206440
Ion Ratio Lower Upper
112 100
64 59.6 46.7 70.1
63 38.1 35.3 52.9

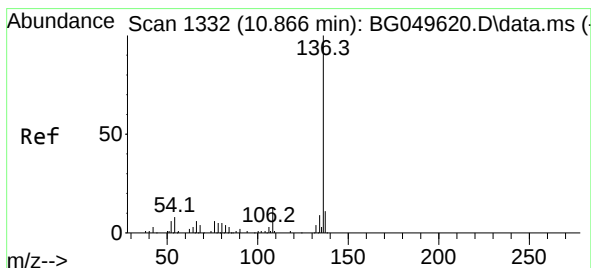
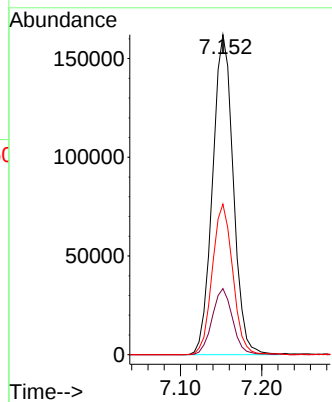
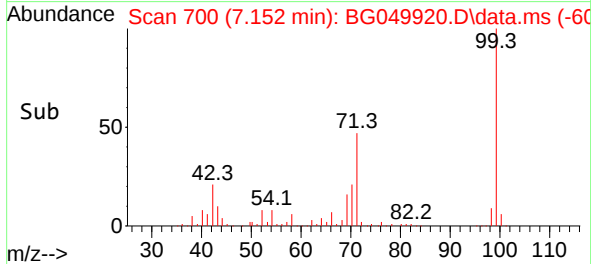




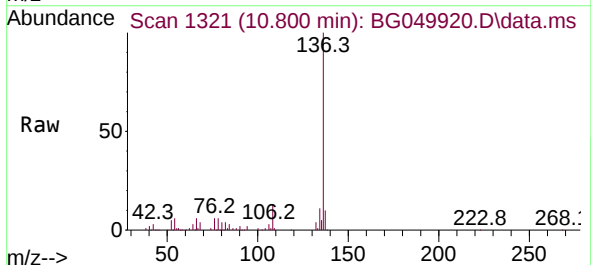
#7
Phenol-d6
Concen: 91.031 ng
RT: 7.152 min Scan# 700
Delta R.T. 0.009 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11



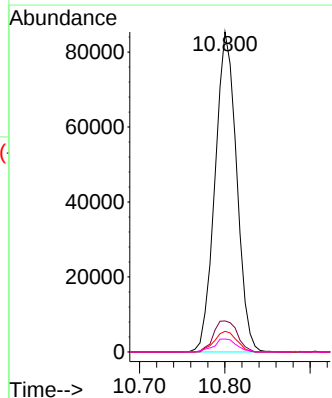
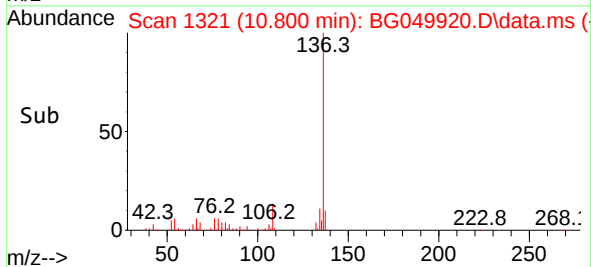
Tgt Ion: 99 Resp: 287332
Ion Ratio Lower Upper
99 100
42 20.7 20.5 30.7
71 47.0 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 1321
Delta R.T. 0.003 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11



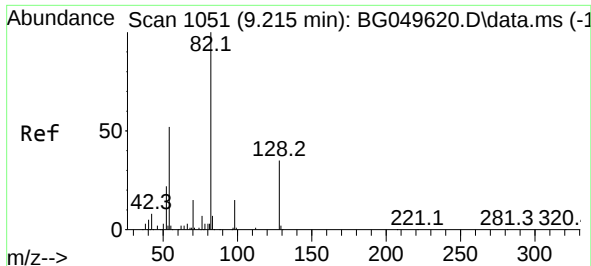
Tgt Ion: 136 Resp: 149995
Ion Ratio Lower Upper
136 100
137 9.7 8.2 12.2
54 6.5 5.5 8.3
68 4.1 2.3 3.5



Instrument :
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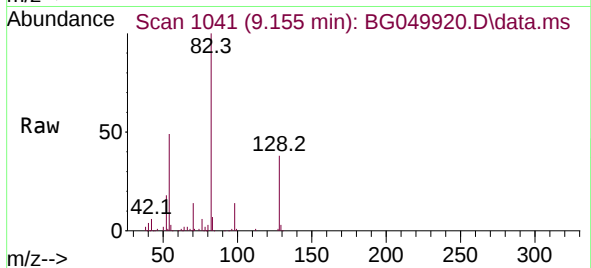
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#23
Nitrobenzene-d5
Concen: 61.006 ng
RT: 9.155 min Scan# 1041
Delta R.T. 0.003 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11

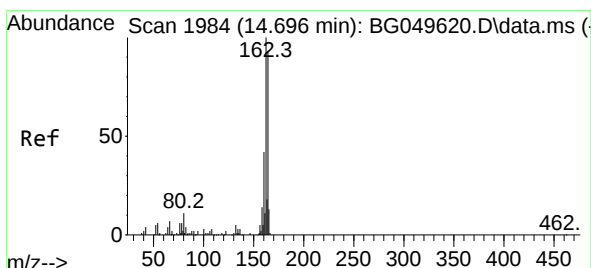
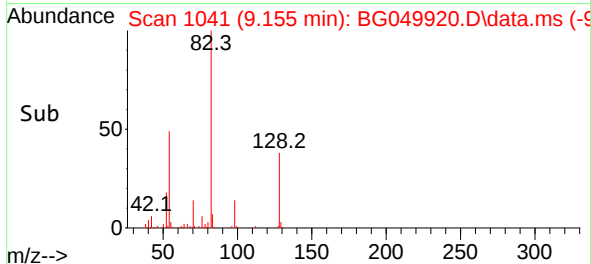
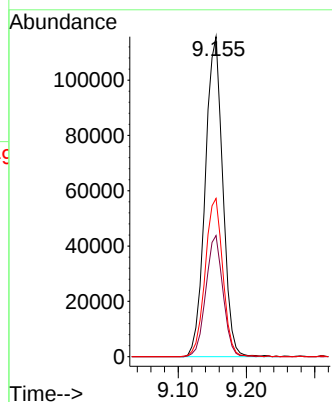
Instrument :
BNA_G
ClientSampleId :
SWCS-05-0002



Tgt Ion: 82 Resp: 206788
Ion Ratio Lower Upper
82 100
128 37.8 29.8 44.6
54 49.5 45.8 68.8

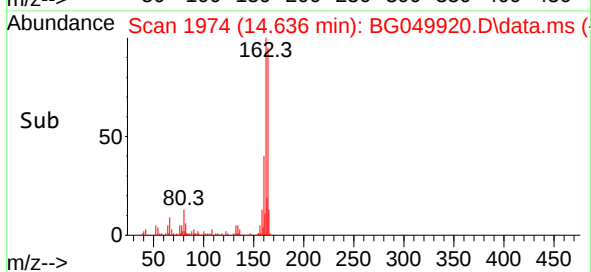
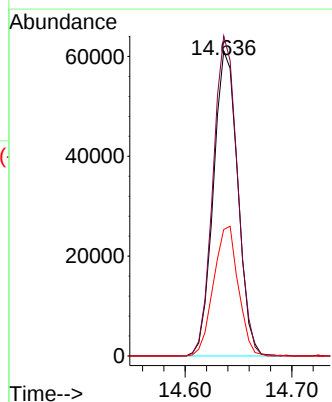
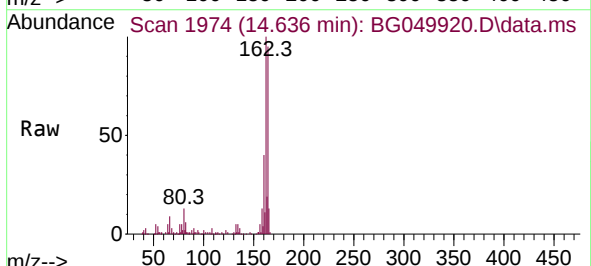
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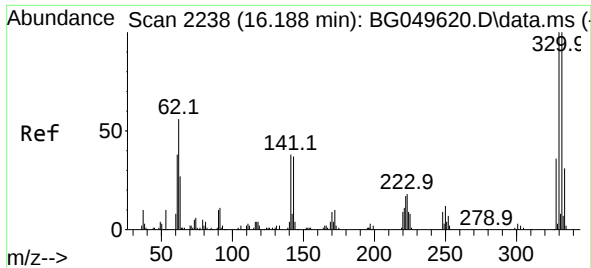
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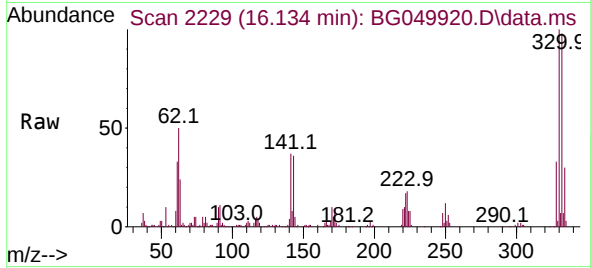
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.636 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11

Tgt Ion: 164 Resp: 97117
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.0
160 41.5 34.9 52.3

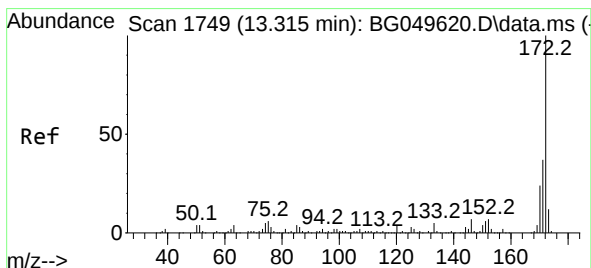
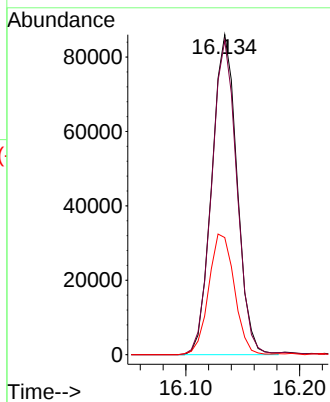
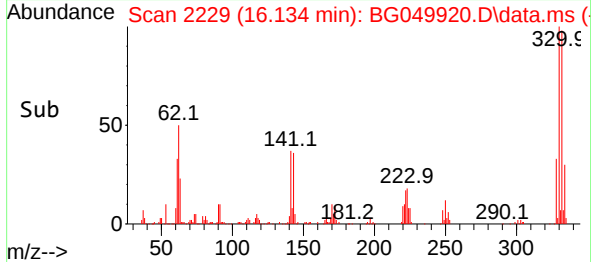




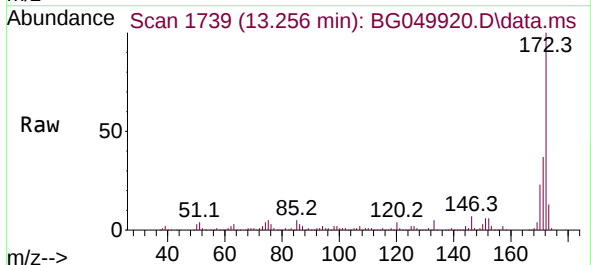
#42
2,4,6-Tribromophenol
Concen: 92.527 ng
RT: 16.134 min Scan# 2229
Delta R.T. 0.003 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11



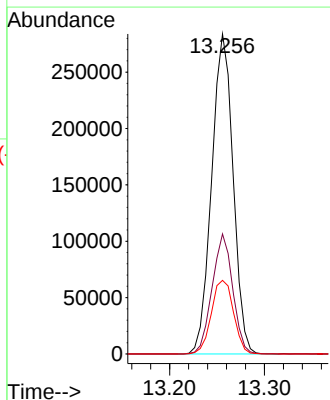
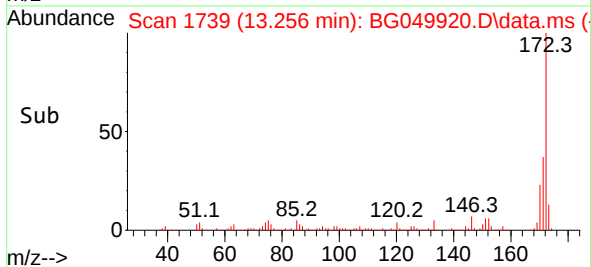
Tgt Ion:330 Resp: 132082
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 38.5 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 66.742 ng
RT: 13.256 min Scan# 1739
Delta R.T. 0.003 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11



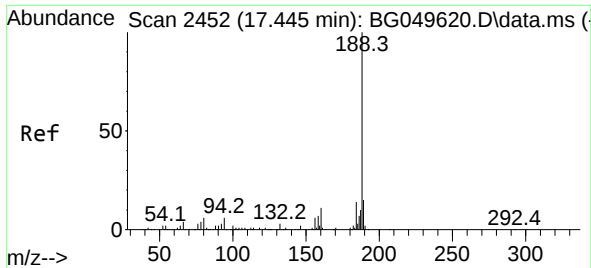
Tgt Ion:172 Resp: 445463
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 23.0 18.6 27.8



Instrument :
BNA_G
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SWCS-05-0002

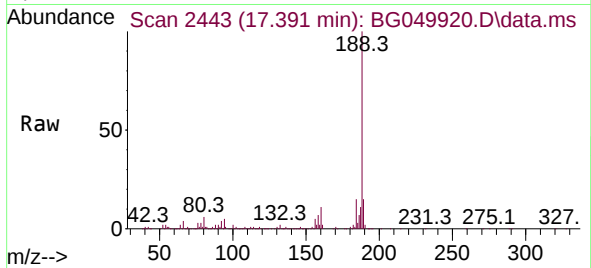
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.391 min Scan# 2443
Delta R.T. 0.003 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11

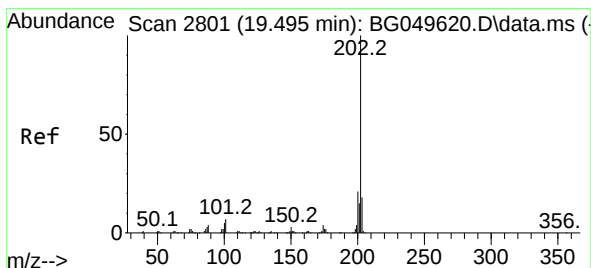
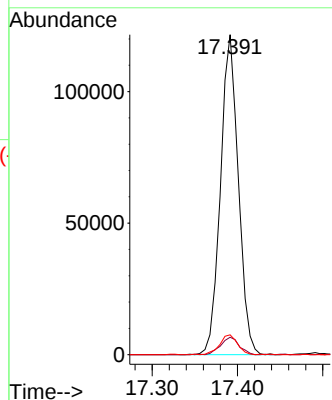
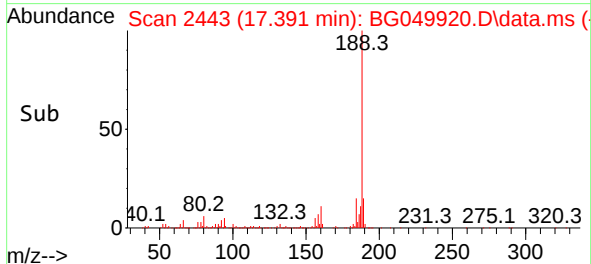
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BNA_G
ClientSampleId :
SWCS-05-0002



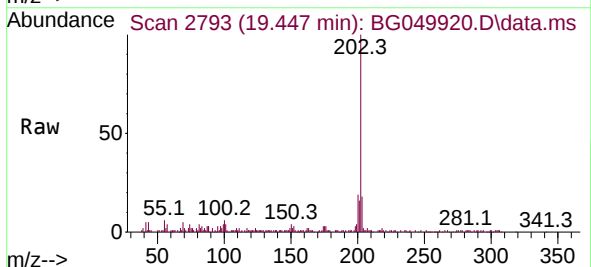
Tgt Ion:188 Resp: 176571
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.2 3.7 5.5#

Manual Integrations
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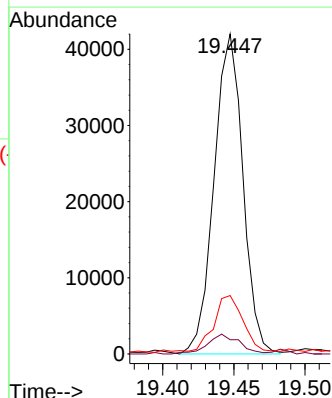
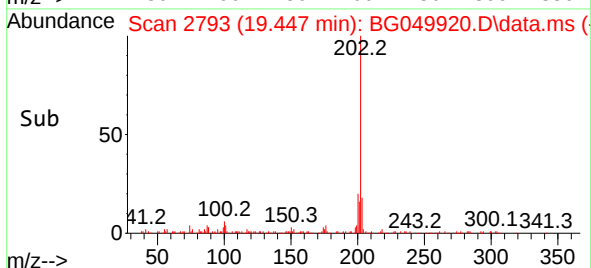
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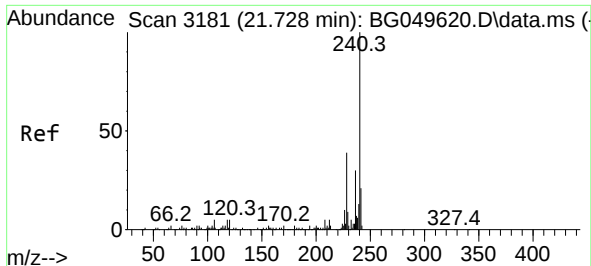


#75
Fluoranthene
Concen: 5.184 ng
RT: 19.447 min Scan# 2793
Delta R.T. 0.003 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11



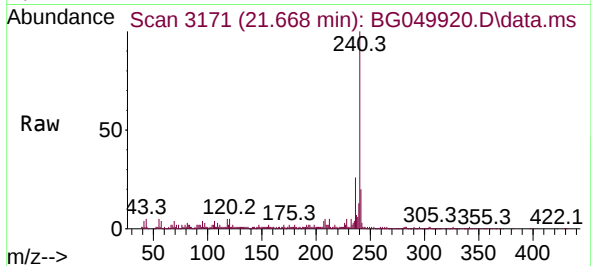
Tgt Ion:202 Resp: 59261
Ion Ratio Lower Upper
202 100
101 4.4 0.0 24.7
203 18.3 0.0 38.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.668 min Scan# 3171
Delta R.T. 0.009 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11

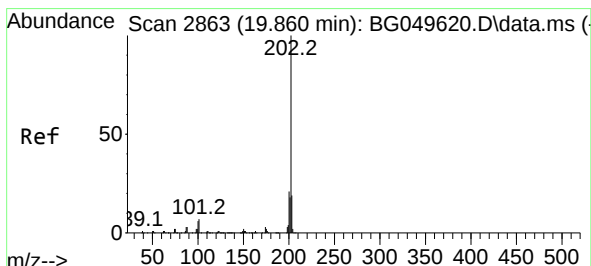
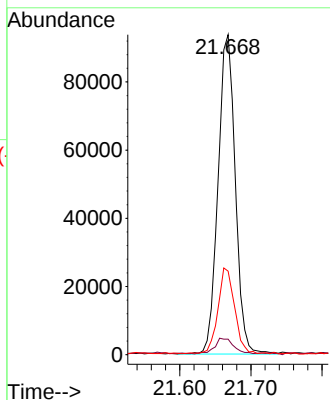
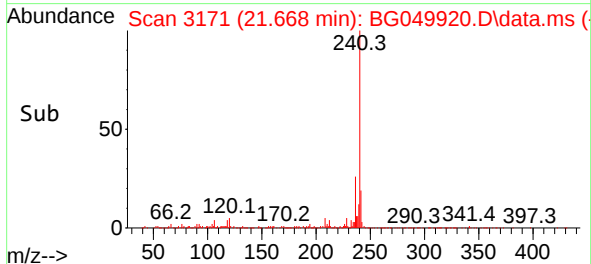
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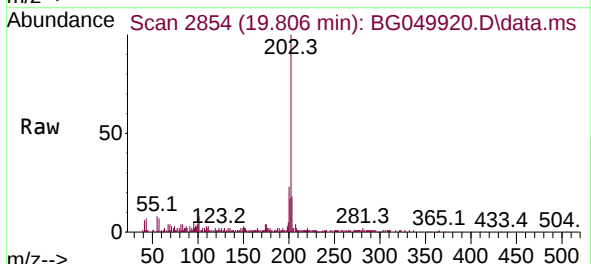
Tgt Ion:240 Resp: 157277
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 26.1 21.8 32.6

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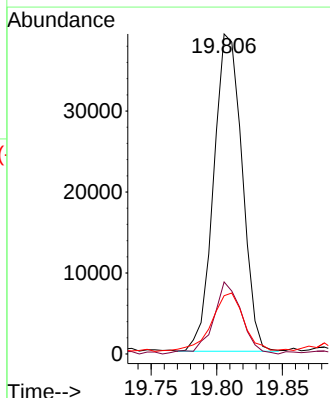
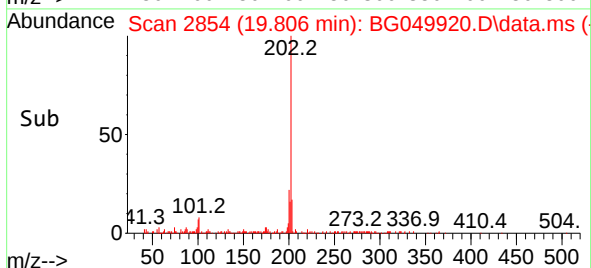
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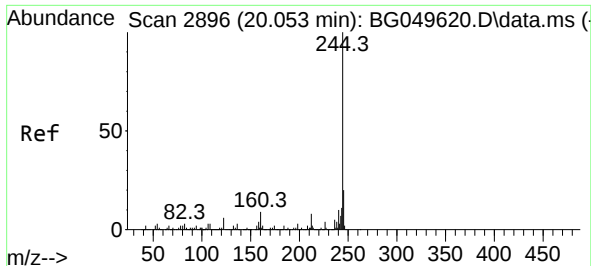


#78
Pyrene
Concen: 5.496 ng
RT: 19.806 min Scan# 2854
Delta R.T. 0.003 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11



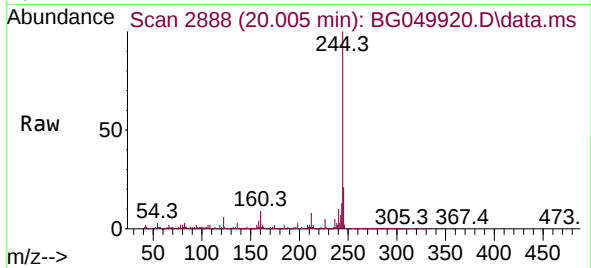
Tgt Ion:202 Resp: 58927
Ion Ratio Lower Upper
202 100
200 22.5 15.8 23.8
203 18.2 14.6 21.8





#79
Terphenyl-d14
Concen: 62.789 ng
RT: 20.005 min Scan# 2888
Delta R.T. 0.009 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11

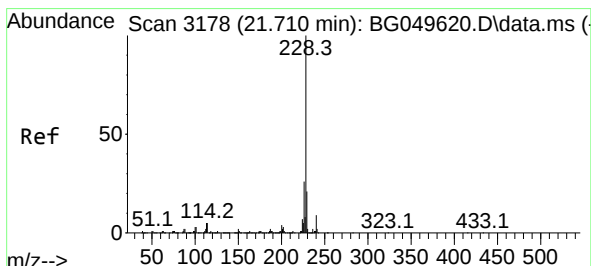
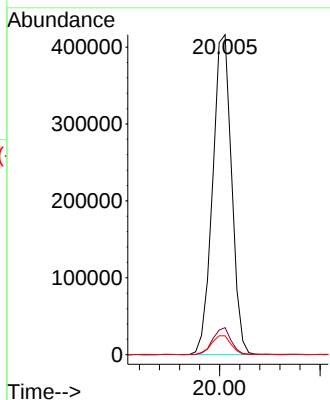
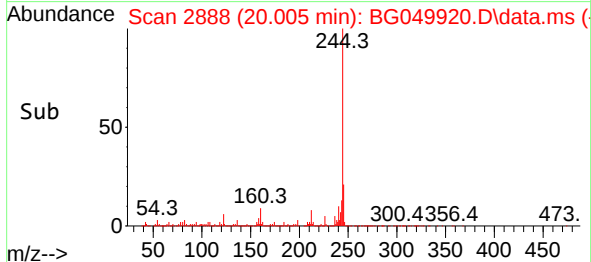
Instrument :
BNA_G
ClientSampleId :
SWCS-05-0002



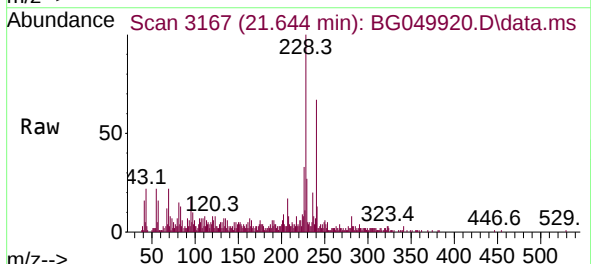
Tgt Ion:244 Resp: 543730
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 5.9 5.0 7.6

Manual Integrations
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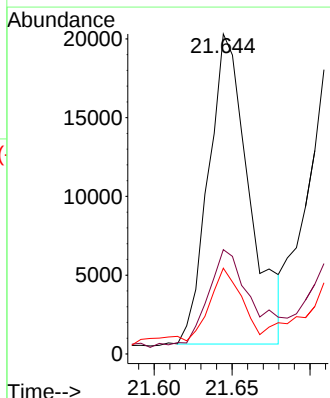
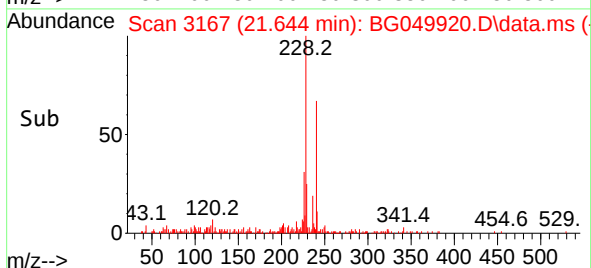
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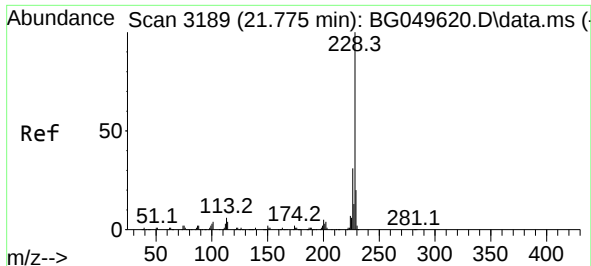


#81
Benzo(a)anthracene
Concen: 3.491 ng m
RT: 21.644 min Scan# 3167
Delta R.T. 0.003 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11



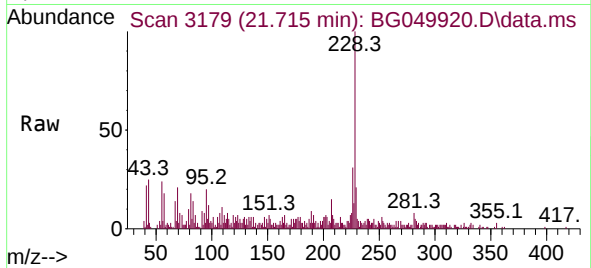
Tgt Ion:228 Resp: 35761
Ion Ratio Lower Upper
228 100
226 32.6 22.7 34.1
229 26.8 16.0 24.0#





#83
Chrysene
Concen: 3.438 ng
RT: 21.715 min Scan# 3179
Delta R.T. 0.009 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11

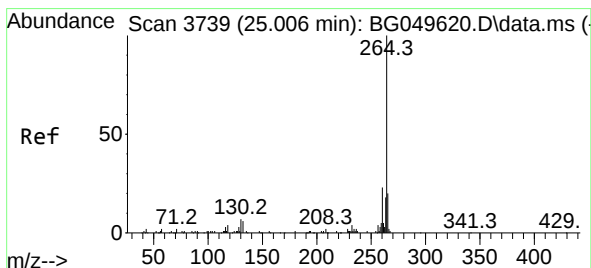
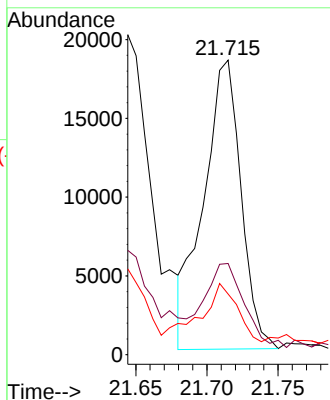
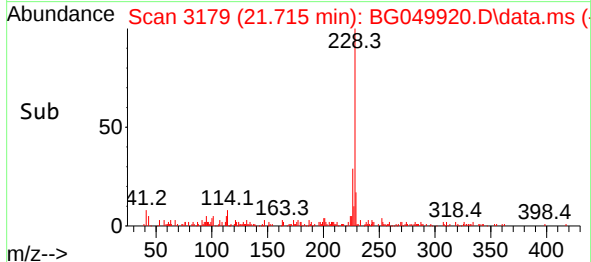
Instrument :
BNA_G
ClientSampleId :
SWCS-05-0002



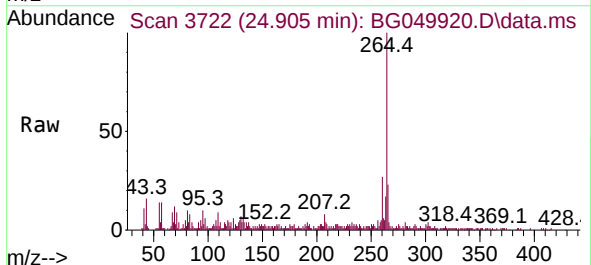
Tgt Ion:228 Resp: 33660
Ion Ratio Lower Upper
228 100
226 31.0 23.1 34.7
229 20.6 15.3 22.9

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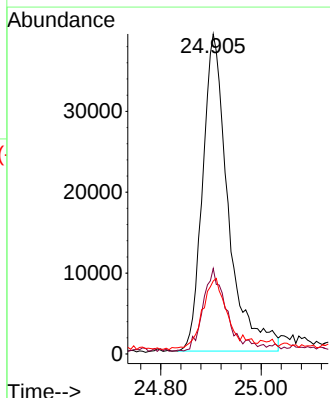
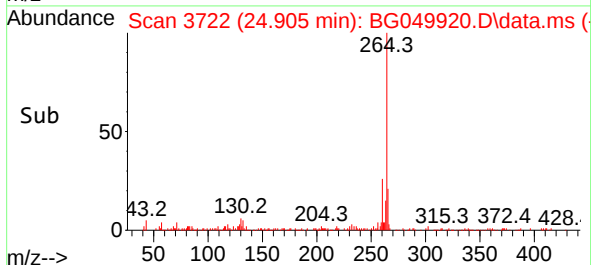
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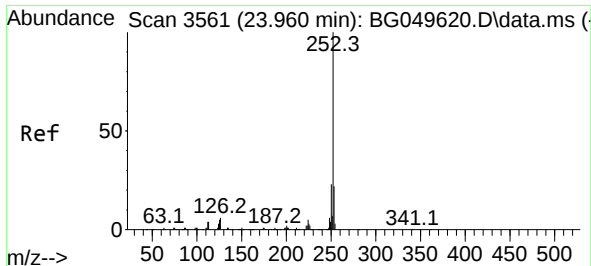


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.905 min Scan# 3722
Delta R.T. 0.021 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11



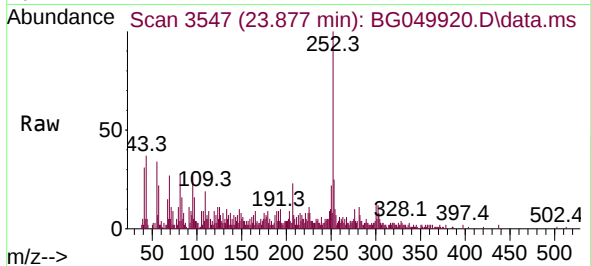
Tgt Ion:264 Resp: 138764
Ion Ratio Lower Upper
264 100
260 26.7 19.4 29.2
265 22.8 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 4.912 ng
RT: 23.877 min Scan# 3547
Delta R.T. 0.015 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11

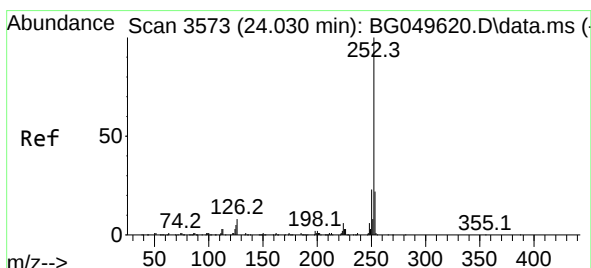
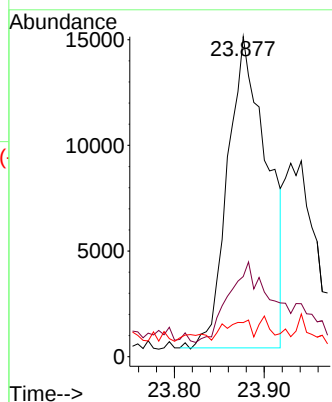
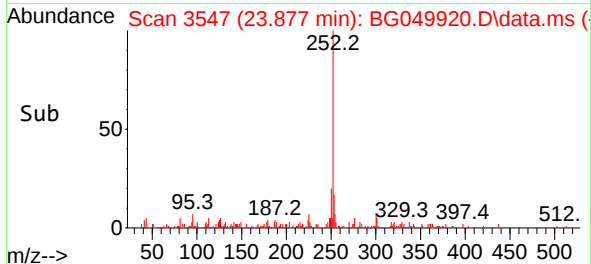
Instrument :
BNA_G
ClientSampleId :
SWCS-05-0002



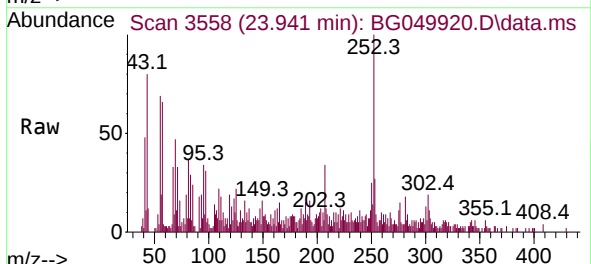
Tgt Ion:252 Resp: 44706
Ion Ratio Lower Upper
252 100
253 25.1 16.2 24.4#
125 10.7 3.0 4.4#

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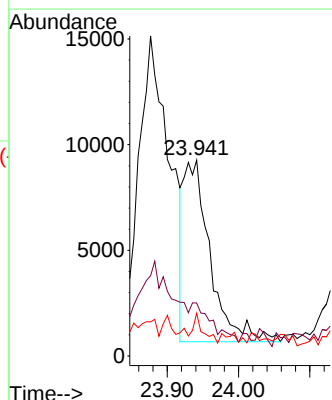
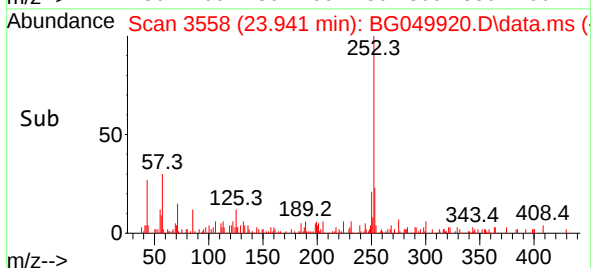
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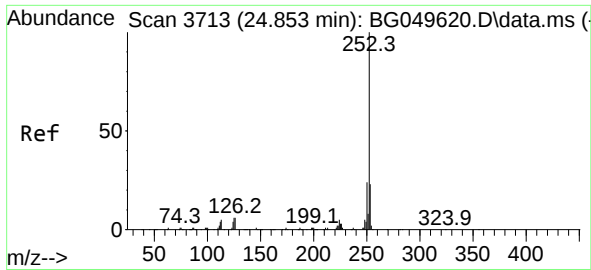


#89
Benzo(k)fluoranthene
Concen: 2.603 ng m
RT: 23.941 min Scan# 3558
Delta R.T. 0.015 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11

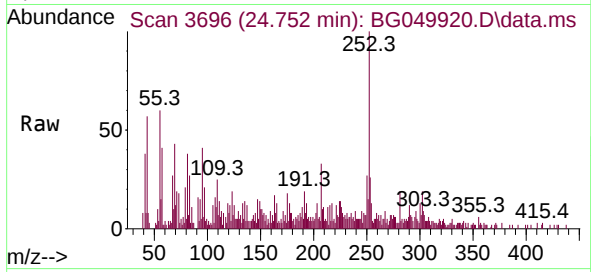


Tgt Ion:252 Resp: 22094
Ion Ratio Lower Upper
252 100
253 27.0 18.0 27.0#
125 21.8 3.1 4.7#

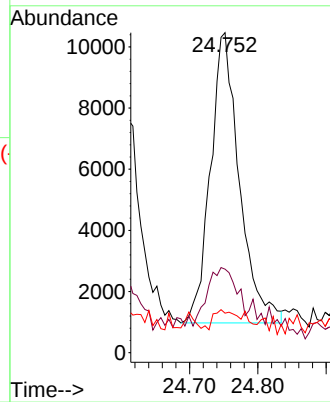
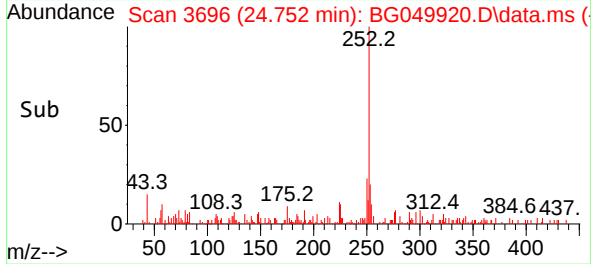




#90
Benzo(a)pyrene
Concen: 3.400 ng
RT: 24.752 min Scan# 3696
Delta R.T. 0.015 min
Lab File: BG049920.D
Acq: 20 Aug 2021 22:11



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	16.6	25.0#
125	12.4	3.5	5.3#



Instrument :
BNA_G
ClientSampleId :
SWCS-05-0002

Manual Integrations
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