

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
 Data File : BG049924.D
 Acq On : 21 Aug 2021 00:56
 Operator : CG/JU
 Sample : M3434-35
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-15-0205

Manual Integrations
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Quant Time: Aug 21 05:22:14 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	7.990	152	40310	20.000	ng	0.01
21) Naphthalene-d8	10.810	136	167079	20.000	ng	# 0.01
39) Acenaphthene-d10	14.646	164	102279	20.000	ng	0.00
64) Phenanthrene-d10	17.401	188	179751	20.000	ng	# 0.01
76) Chrysene-d12	21.683	240	148953	20.000	ng	# 0.02
86) Perylene-d12	24.932	264	101218	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	159860	71.091	ng	0.02
7) Phenol-d6	7.162	99	228969	67.266	ng	0.02
23) Nitrobenzene-d5	9.159	82	164104	43.463	ng	0.00
42) 2,4,6-Tribromophenol	16.144	330	97144	64.618	ng	0.01
45) 2-Fluorobiphenyl	13.259	172	334927	47.649	ng	0.00
79) Terphenyl-d14	20.009	244	336605	41.043	ng	0.01
Target Compounds						Qvalue
49) Acenaphthylene	14.369	152	51970	5.636	ng	94
58) Fluorene	15.697	166	16961	2.316	ng	85
71) Phenanthrene	17.442	178	230980	24.424	ng	98
72) Anthracene	17.536	178	37014	3.985	ng	96
75) Fluoranthene	19.463	202	529207	45.475	ng	98
78) Pyrene	19.821	202	487794	48.036	ng	97
81) Benzo(a)anthracene	21.665	228	225420	23.238	ng	98
83) Chrysene	21.730	228	282506	30.466	ng	96
84) Bis(2-ethylhexyl)phtha...	21.548	149	23977	4.380	ng	# 89
87) Indeno(1,2,3-cd)pyrene	28.656	276	69699	9.548	ng	# 87
88) Benzo(b)fluoranthene	23.909	252	237959	35.846	ng	# 92
89) Benzo(k)fluoranthene	23.956	252	112244m	18.127	ng	
90) Benzo(a)pyrene	24.785	252	154219	25.670	ng	# 92
91) Dibenzo(a,h)anthracene	28.685	278	16241m	2.640	ng	
92) Benzo(g,h,i)perylene	29.807	276	64458	10.696	ng	# 85

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

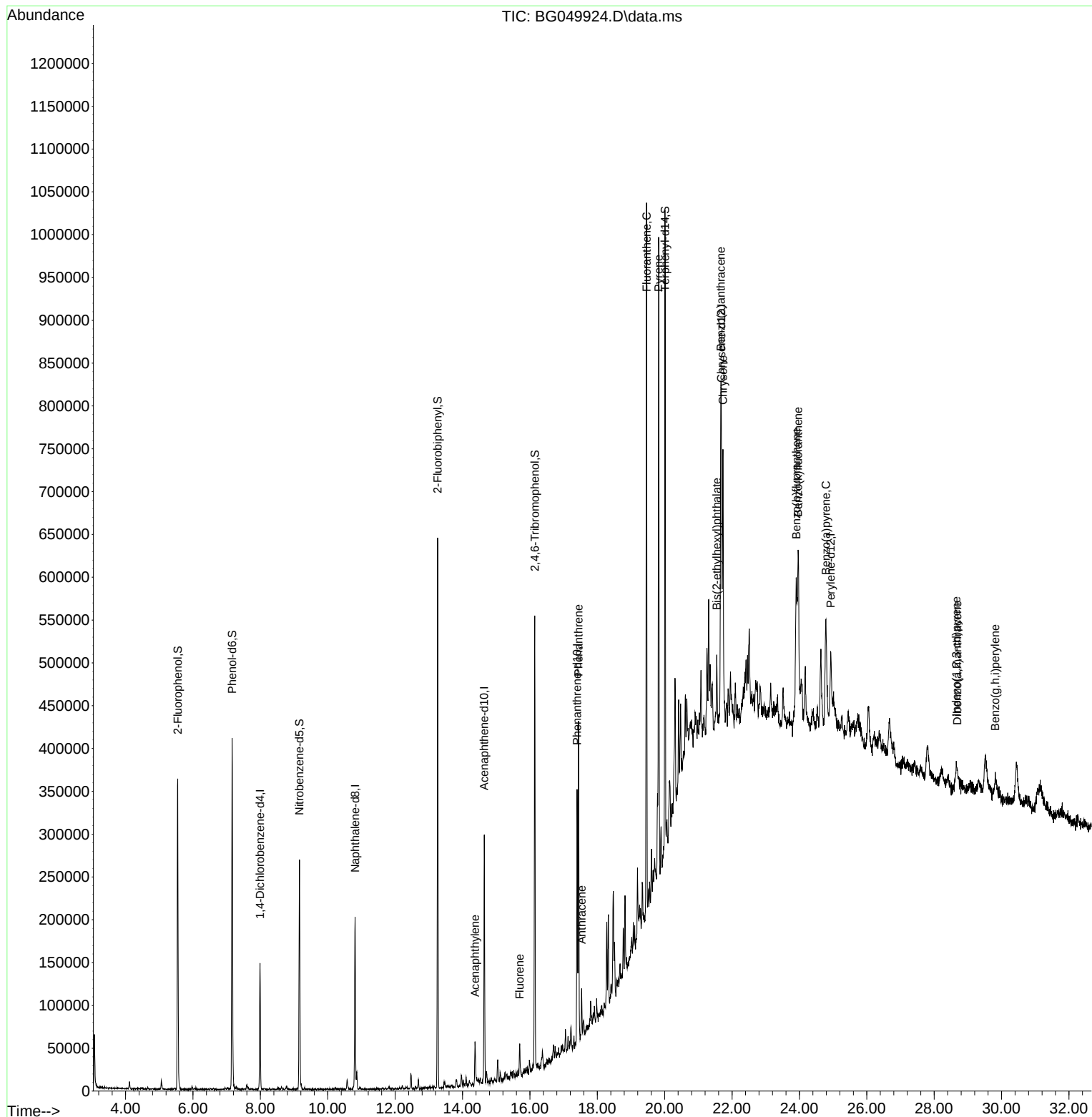
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
Data File : BG049924.D
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ALS Vial : 12 Sample Multiplier: 1

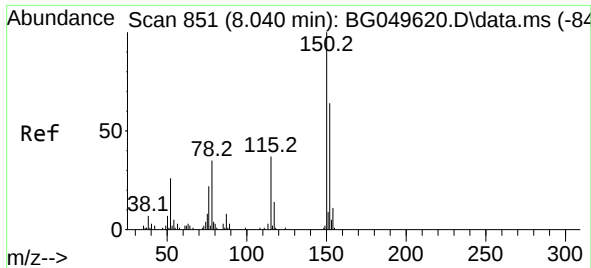
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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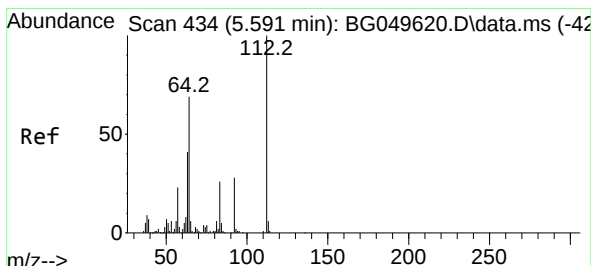
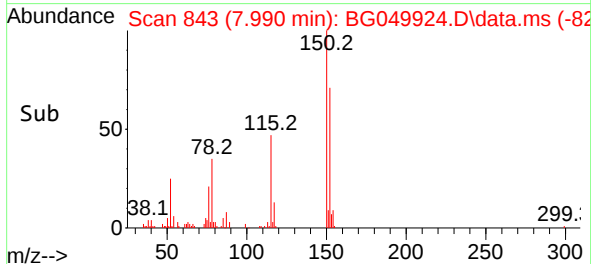
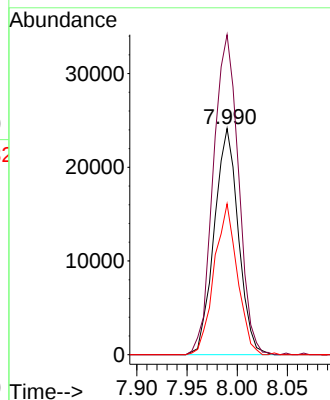
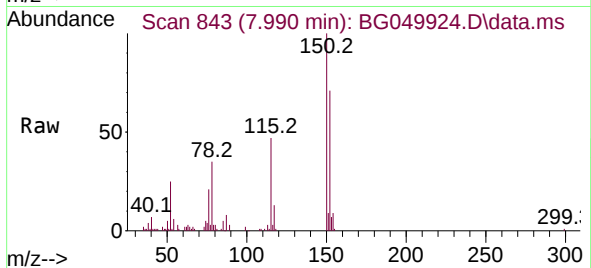
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.990 min Scan# 843
Delta R.T. 0.013 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.5	119.4	179.0
115	66.7	60.2	90.4

Instrument :
BNA_G
ClientSampleId :
SWCS-15-0205

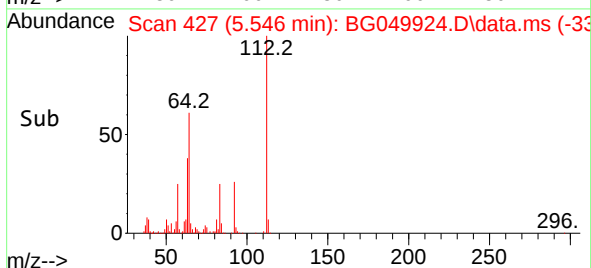
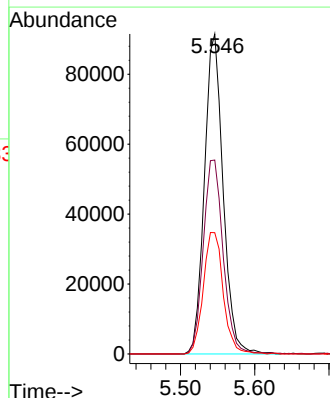
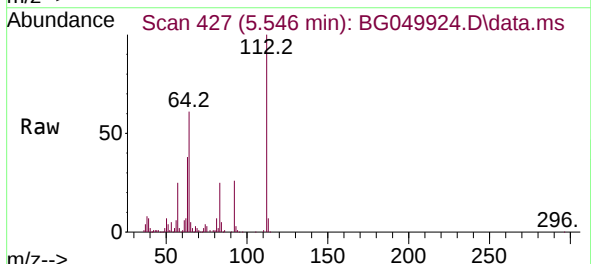
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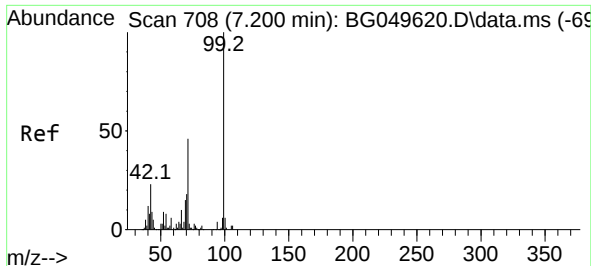
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#5
2-Fluorophenol
Concen: 71.091 ng
RT: 5.546 min Scan# 427
Delta R.T. 0.019 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

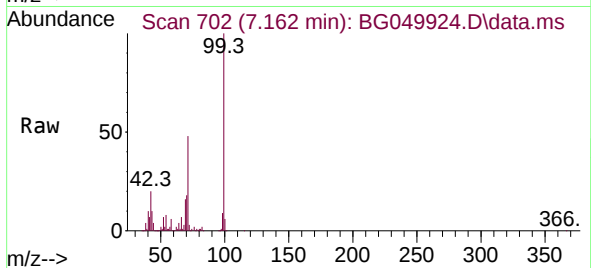
Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.7	70.1
63	37.9	35.3	52.9





#7
Phenol-d6
Concen: 67.266 ng
RT: 7.162 min Scan# 702
Delta R.T. 0.019 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

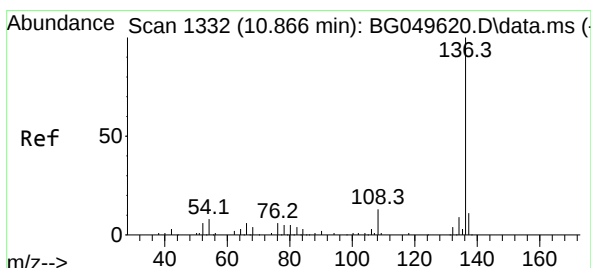
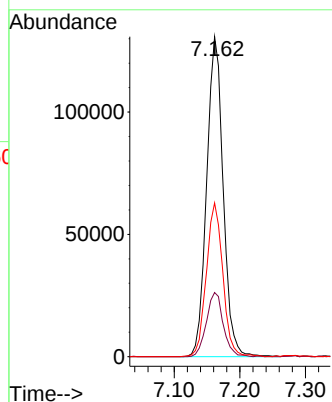
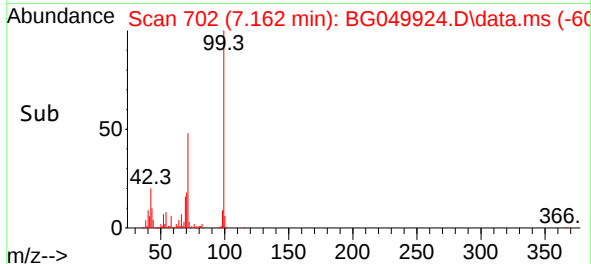
Instrument :
BNA_G
ClientSampleId :
SWCS-15-0205



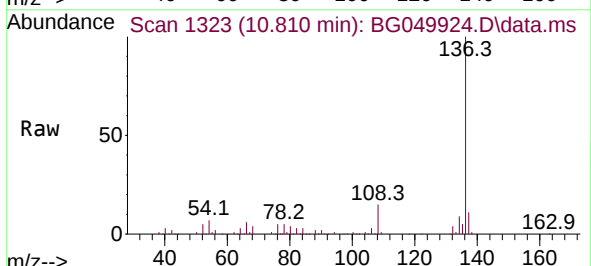
Tgt Ion: 99 Resp: 228969
Ion Ratio Lower Upper
99 100
42 20.0 20.5 30.7#
71 48.1 41.5 62.3

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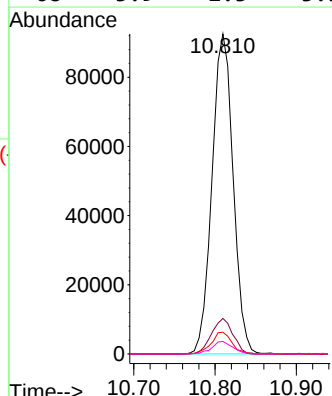
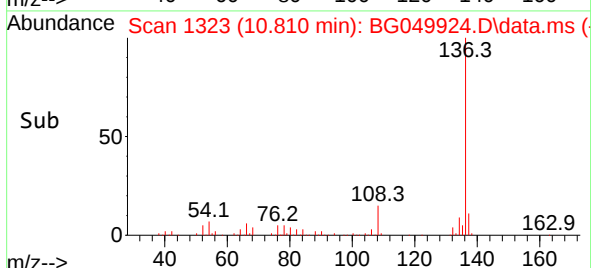
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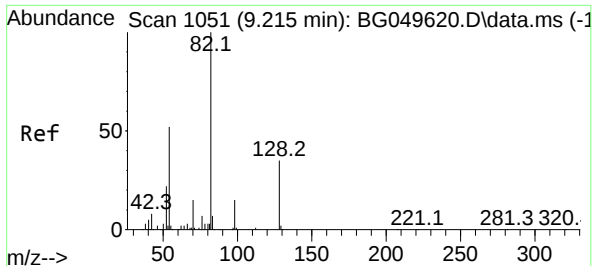


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1323
Delta R.T. 0.013 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56



Tgt Ion: 136 Resp: 167079
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 6.8 5.5 8.3
68 3.9 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 43.463 ng

RT: 9.159 min Scan# 1042

Delta R.T. 0.007 min

Lab File: BG049924.D

Acq: 21 Aug 2021 00:56

Tgt Ion:	82	Resp:	164104
Ion Ratio	Lower	Upper	
82	100		
128	39.4	29.8	44.6
54	52.5	45.8	68.8

Instrument :

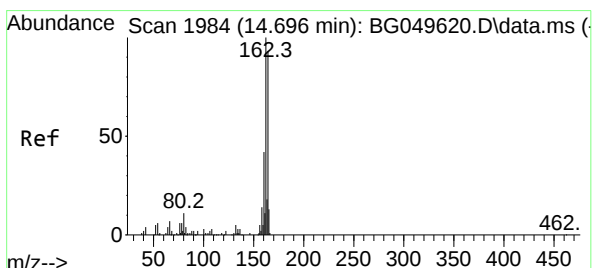
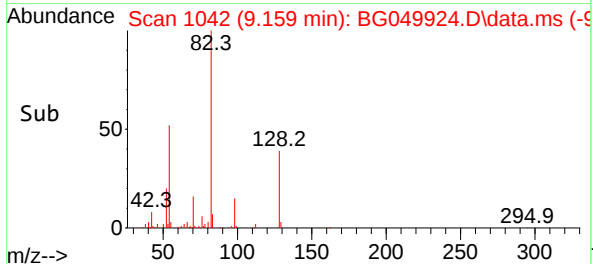
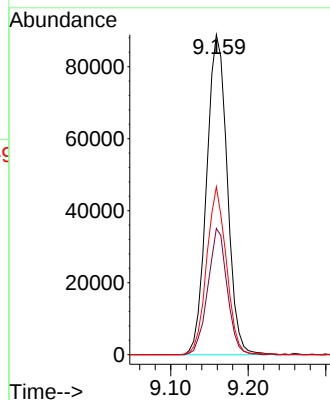
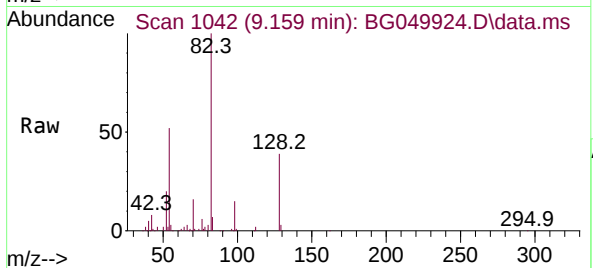
BNA_G

ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

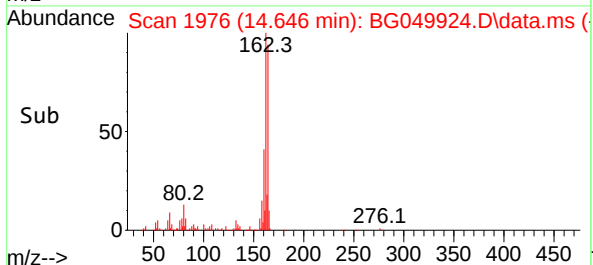
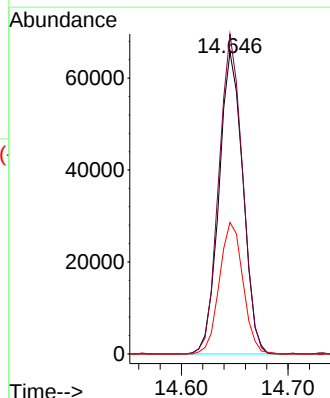
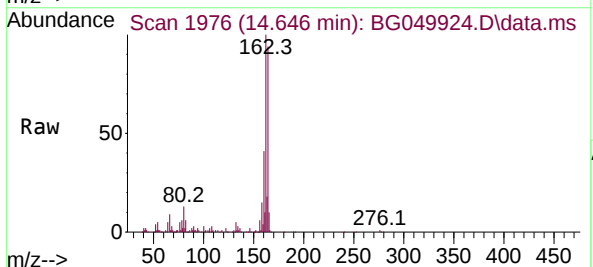
RT: 14.646 min Scan# 1976

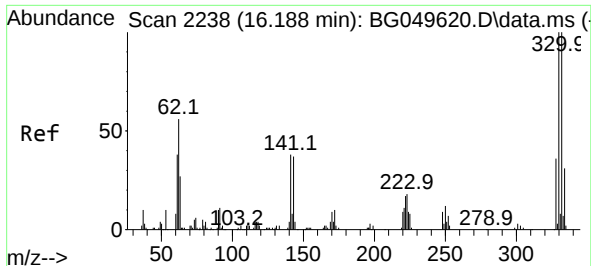
Delta R.T. 0.007 min

Lab File: BG049924.D

Acq: 21 Aug 2021 00:56

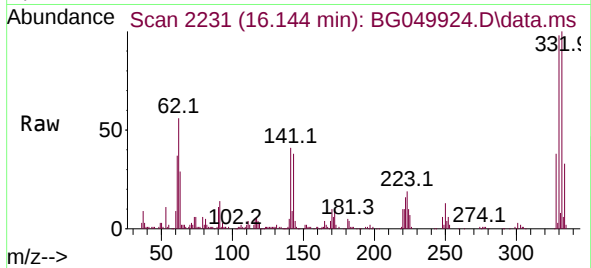
Tgt Ion:	164	Resp:	102279
Ion Ratio	Lower	Upper	
164	100		
162	106.0	81.4	122.0
160	43.5	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 64.618 ng
RT: 16.144 min Scan# 2231
Delta R.T. 0.013 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

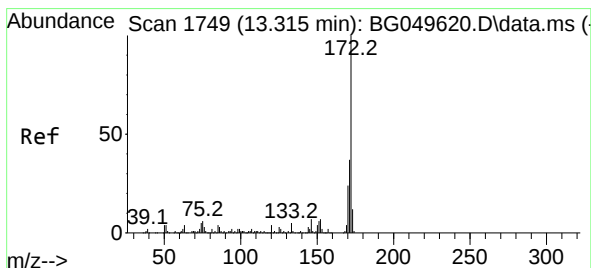
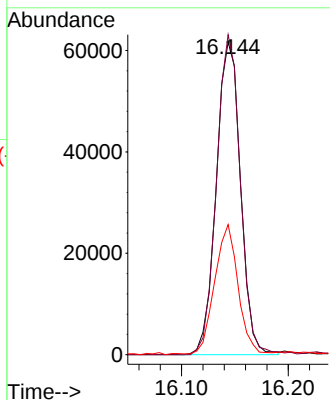
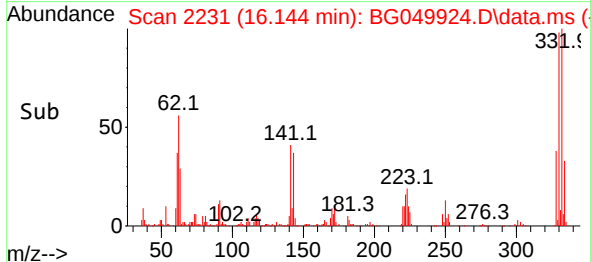
Instrument :
BNA_G
ClientSampleId :
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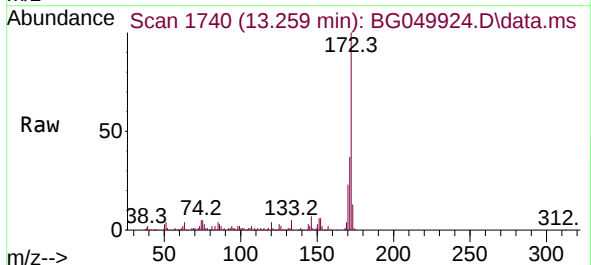
Tgt Ion:330 Resp: 97144
Ion Ratio Lower Upper
330 100
332 100.5 77.3 115.9
141 39.3 35.6 53.4

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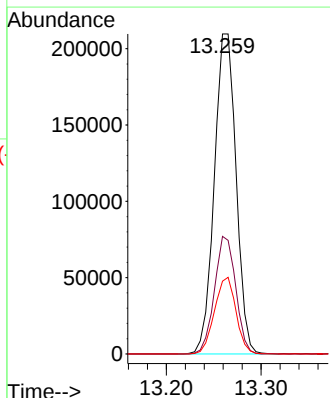
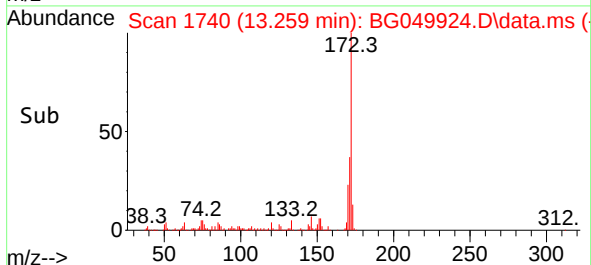
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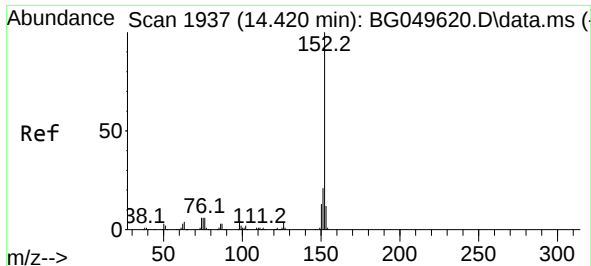


#45
2-Fluorobiphenyl
Concen: 47.649 ng
RT: 13.259 min Scan# 1740
Delta R.T. 0.007 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56



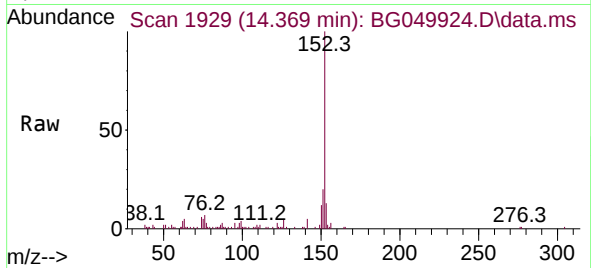
Tgt Ion:172 Resp: 334927
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 22.8 18.6 27.8





#49
Acenaphthylene
Concen: 5.636 ng
RT: 14.369 min Scan# 1929
Delta R.T. 0.013 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

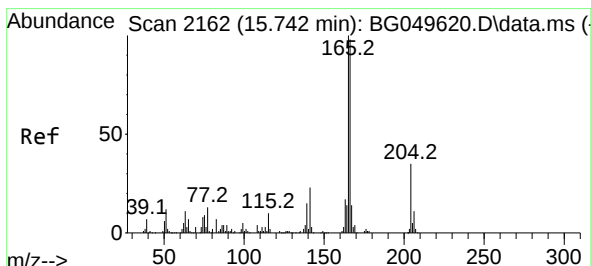
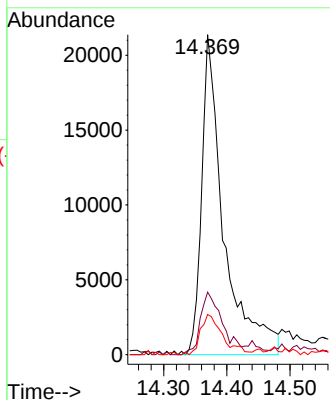
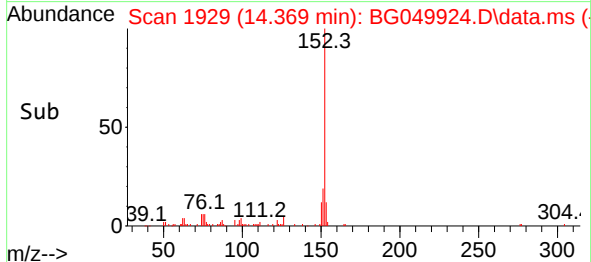
Instrument :
BNA_G
ClientSampleId :
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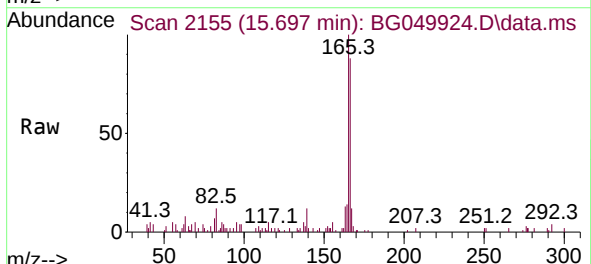
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	18.2	27.4
153	12.5	11.7	17.5

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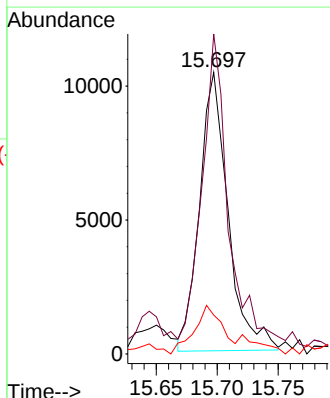
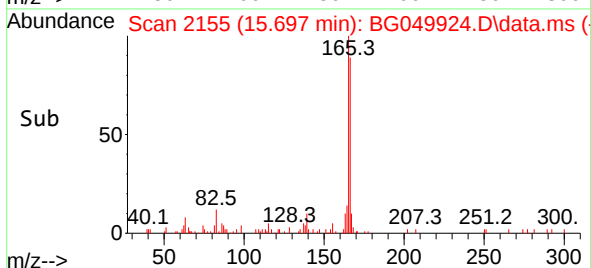
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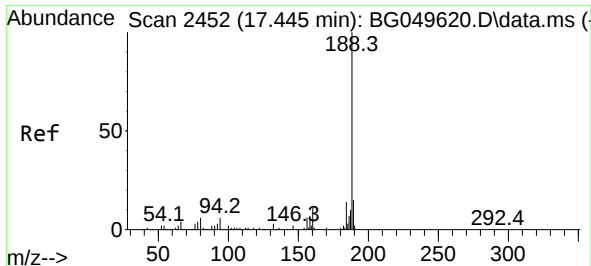


#58
Fluorene
Concen: 2.316 ng
RT: 15.697 min Scan# 2155
Delta R.T. 0.013 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56



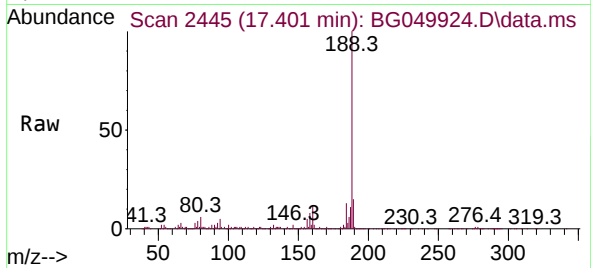
Tgt Ion	Ratio	Lower	Upper
166	100		
165	113.6	77.7	116.5
167	13.8	10.8	16.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.401 min Scan# 2445
Delta R.T. 0.013 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

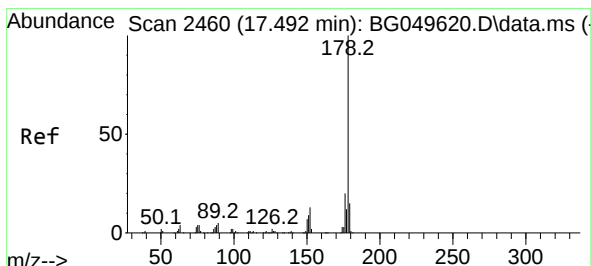
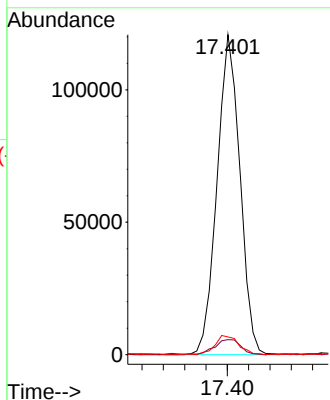
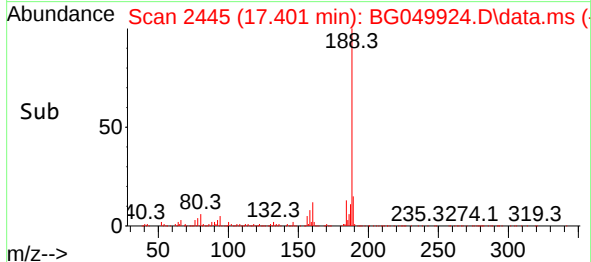
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SWCS-15-0205



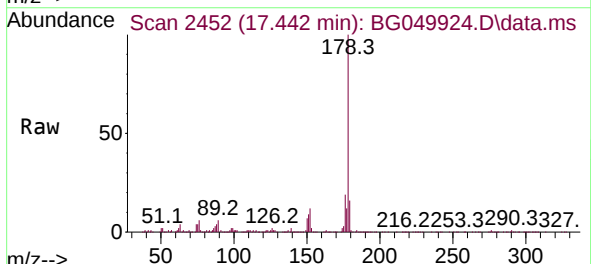
Tgt Ion:188 Resp: 179751
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 5.5 3.7 5.5#

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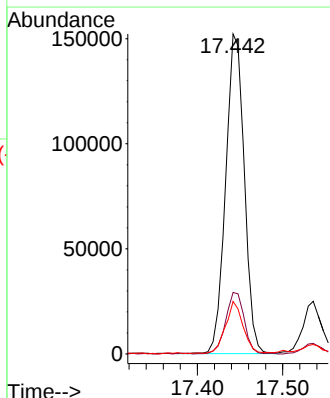
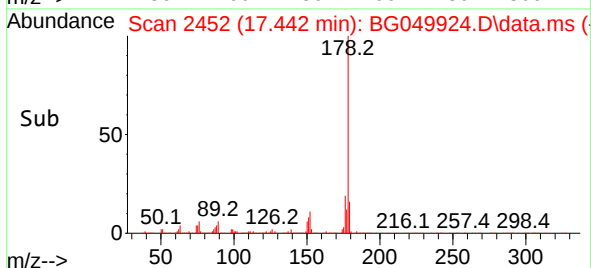
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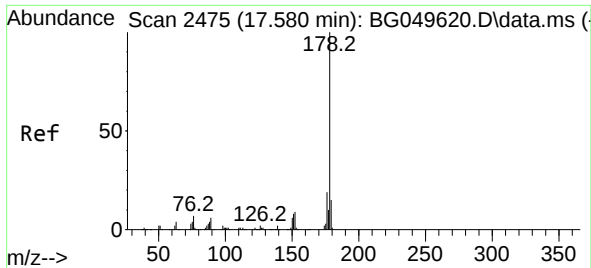


#71
Phenanthrene
Concen: 24.424 ng
RT: 17.442 min Scan# 2452
Delta R.T. 0.013 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56



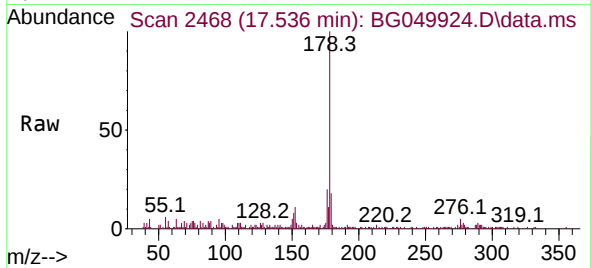
Tgt Ion:178 Resp: 230980
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 16.4 14.2 21.4





#72
 Anthracene
 Concen: 3.985 ng
 RT: 17.536 min Scan# 2468
 Delta R.T. 0.013 min
 Lab File: BG049924.D
 Acq: 21 Aug 2021 00:56

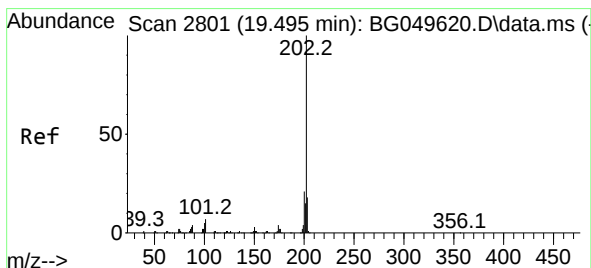
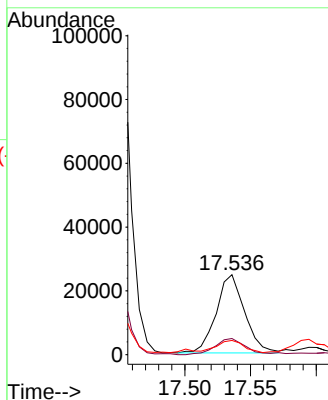
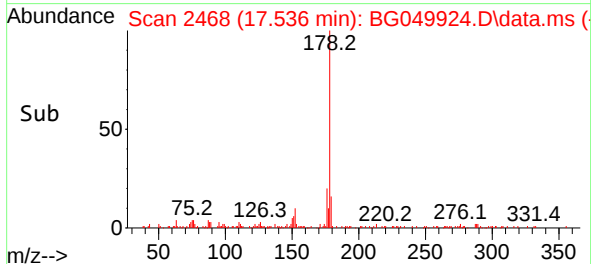
Instrument :
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 SWCS-15-0205



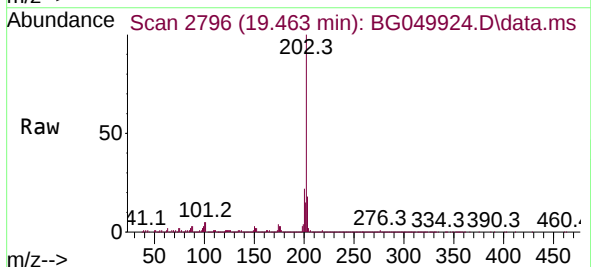
Tgt Ion:178 Resp: 37014
 Ion Ratio Lower Upper
 178 100
 176 20.2 14.6 21.8
 179 17.9 13.4 20.0

Manual Integrations
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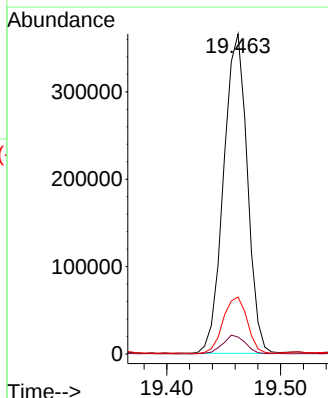
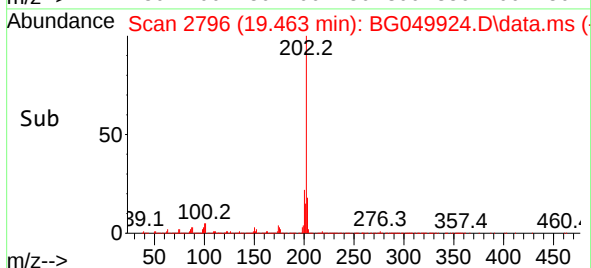
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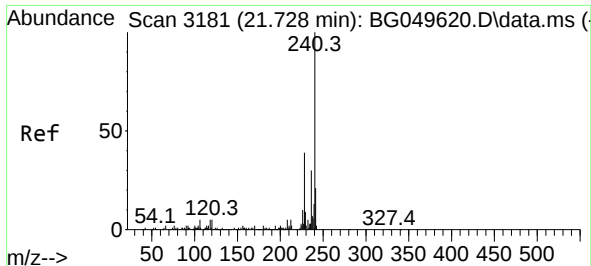


#75
 Fluoranthene
 Concen: 45.475 ng
 RT: 19.463 min Scan# 2796
 Delta R.T. 0.019 min
 Lab File: BG049924.D
 Acq: 21 Aug 2021 00:56



Tgt Ion:202 Resp: 529207
 Ion Ratio Lower Upper
 202 100
 101 5.3 0.0 24.7
 203 17.8 0.0 38.5





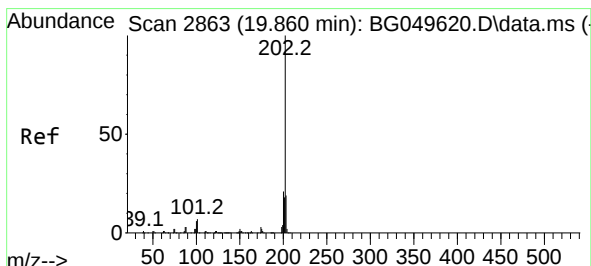
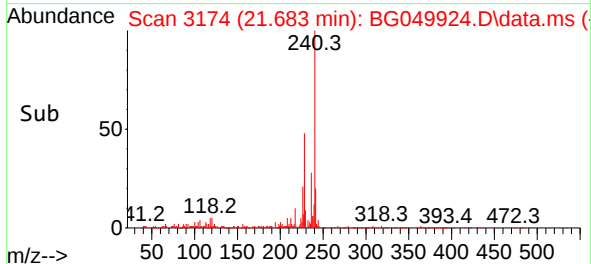
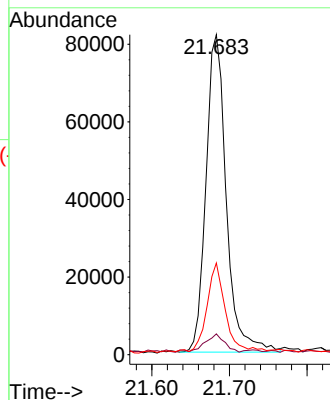
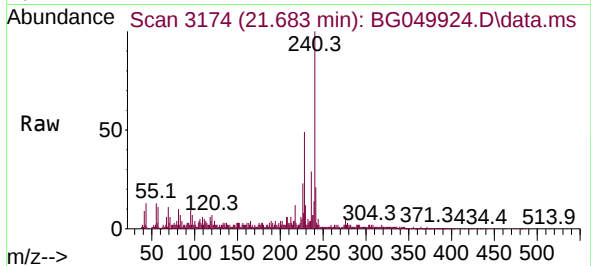
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.683 min Scan# 3174
Delta R.T. 0.024 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

Tgt Ion:240 Resp: 148953
Ion Ratio Lower Upper
240 100
120 6.5 4.2 6.2#
236 28.7 21.8 32.6

Instrument :
BNA_G
ClientSampleId :
SWCS-15-0205

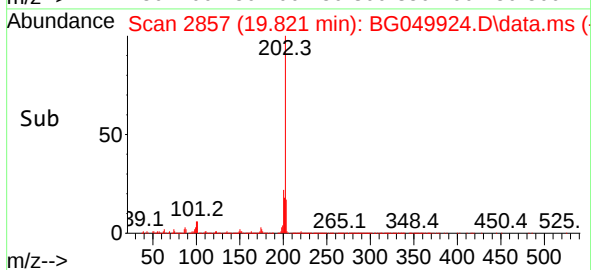
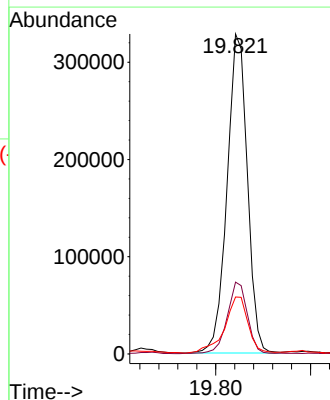
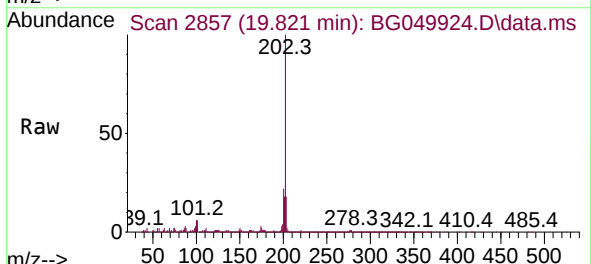
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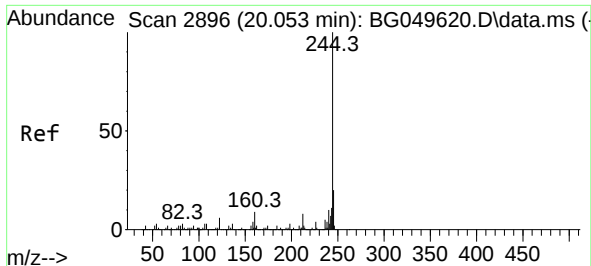
mohammad
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#78
Pyrene
Concen: 48.036 ng
RT: 19.821 min Scan# 2857
Delta R.T. 0.019 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

Tgt Ion:202 Resp: 487794
Ion Ratio Lower Upper
202 100
200 22.4 15.8 23.8
203 17.8 14.6 21.8





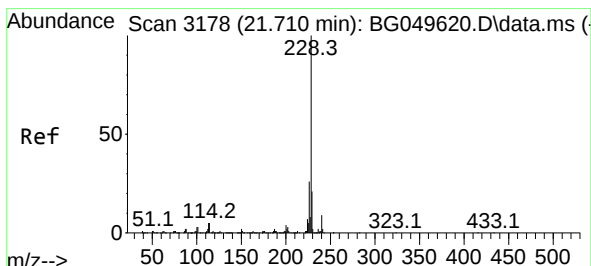
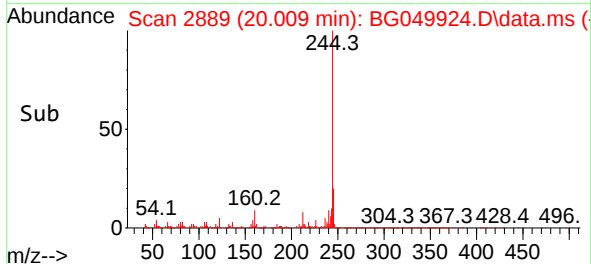
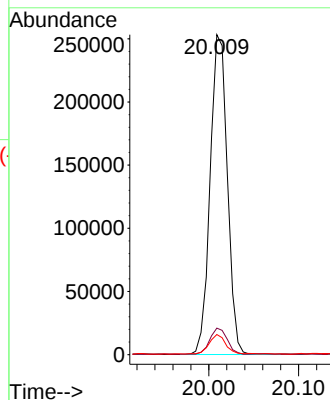
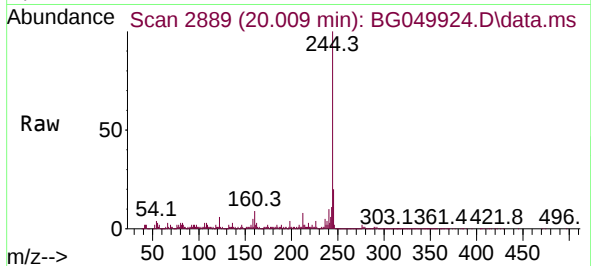
#79
 Terphenyl-d14
 Concen: 41.043 ng
 RT: 20.009 min Scan# 2889
 Delta R.T. 0.013 min
 Lab File: BG049924.D
 Acq: 21 Aug 2021 00:56

Tgt Ion:244	Resp:	336605
Ion Ratio	Lower	Upper
244	100	
212	8.3	6.9 10.3
122	6.3	5.0 7.6

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-15-0205

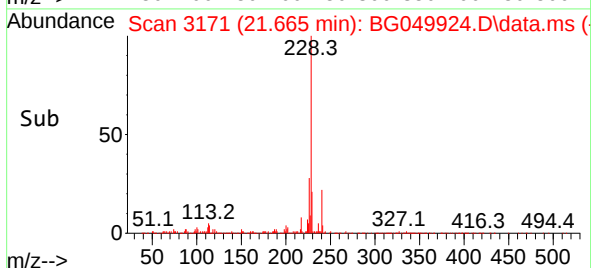
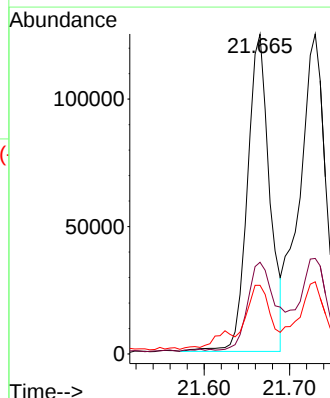
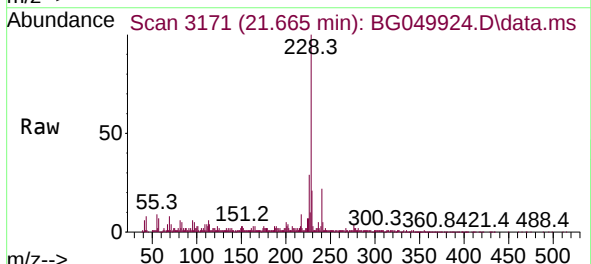
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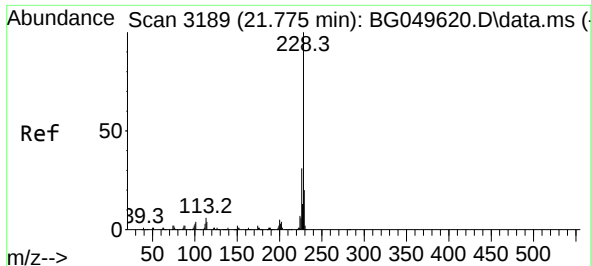
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#81
 Benzo(a)anthracene
 Concen: 23.238 ng
 RT: 21.665 min Scan# 3171
 Delta R.T. 0.024 min
 Lab File: BG049924.D
 Acq: 21 Aug 2021 00:56

Tgt Ion:228	Resp:	225420
Ion Ratio	Lower	Upper
228	100	
226	28.7	22.7 34.1
229	21.5	16.0 24.0





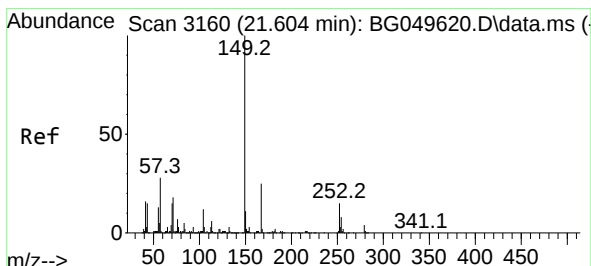
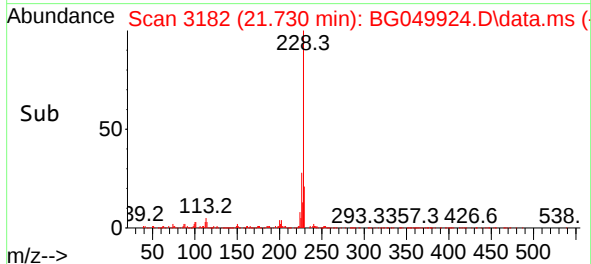
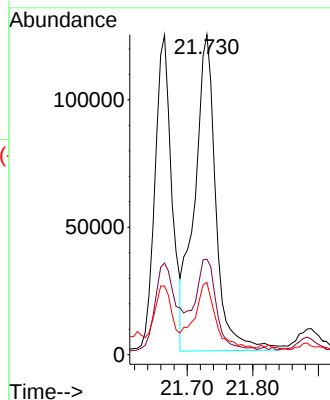
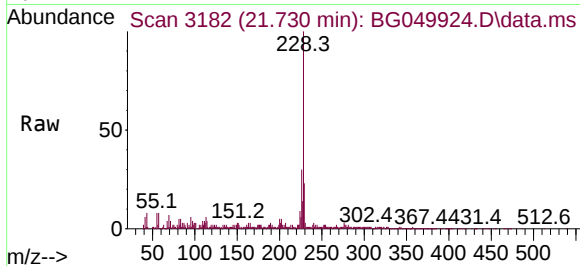
#83
Chrysene
Concen: 30.466 ng
RT: 21.730 min Scan# 3182
Delta R.T. 0.024 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

Tgt Ion:	228	Resp:	282506
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.1	34.7
229	22.6	15.3	22.9

Instrument :
BNA_G
ClientSampleId :
SWCS-15-0205

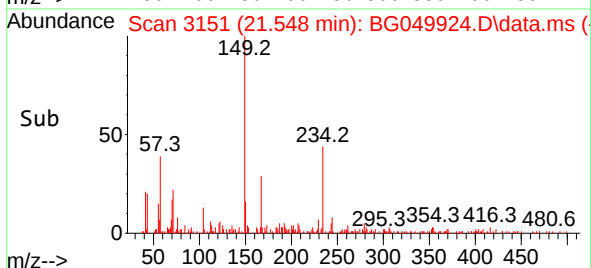
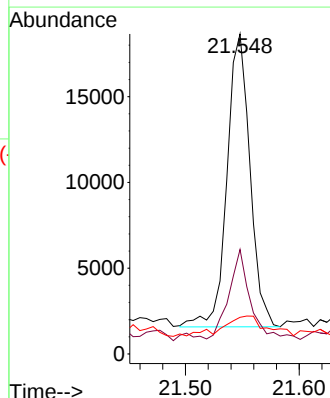
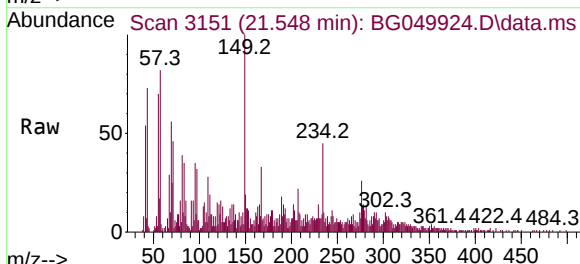
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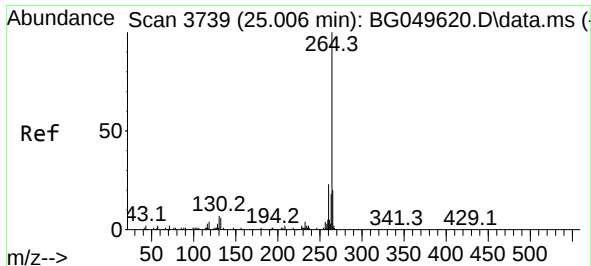
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.380 ng
RT: 21.548 min Scan# 3151
Delta R.T. 0.019 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

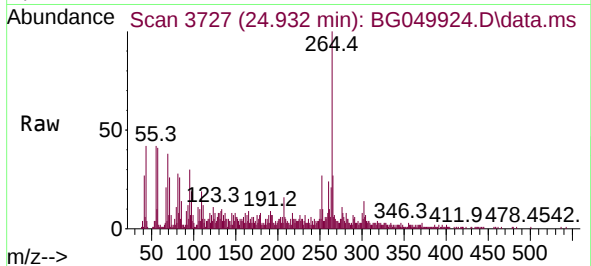
Tgt Ion:	149	Resp:	23977
Ion Ratio	Lower	Upper	
149	100		
167	32.6	22.3	33.5
279	11.4	3.8	5.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.932 min Scan# 3727
 Delta R.T. 0.048 min
 Lab File: BG049924.D
 Acq: 21 Aug 2021 00:56

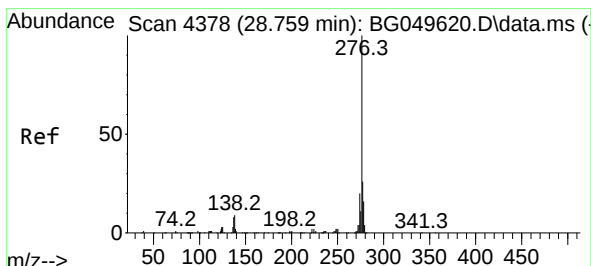
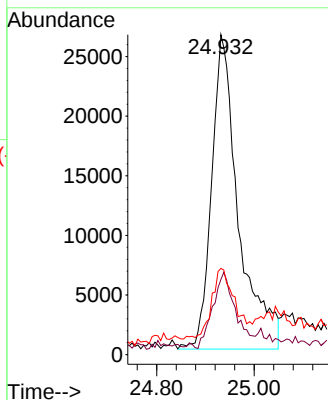
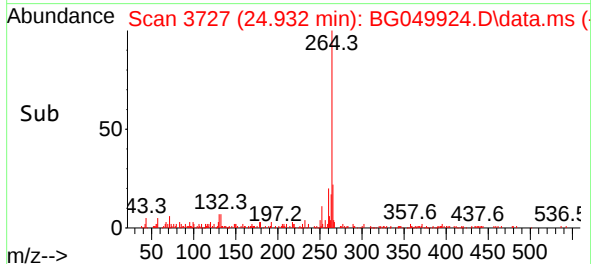
Instrument :
 BNA_G
 ClientSampleID :
 SWCS-15-0205



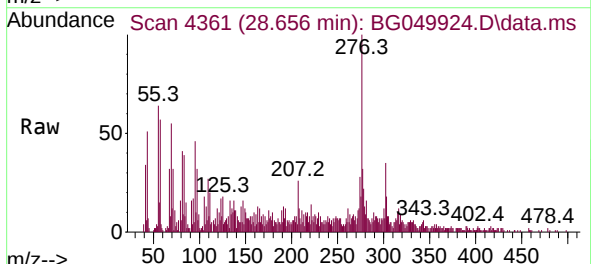
Tgt Ion:264 Resp: 101218
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 26.9 16.9 25.3#

Manual Integrations
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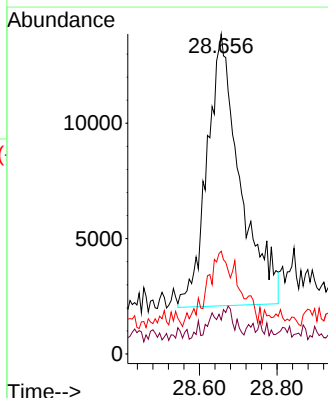
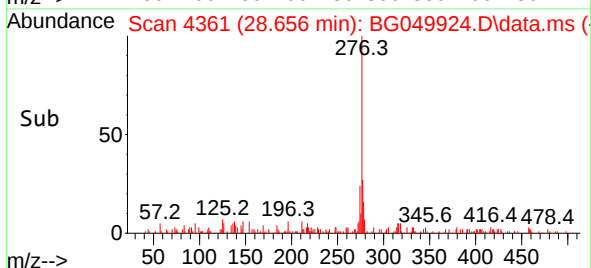
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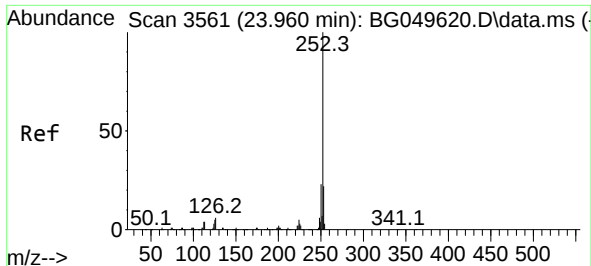


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.548 ng
 RT: 28.656 min Scan# 4361
 Delta R.T. 0.077 min
 Lab File: BG049924.D
 Acq: 21 Aug 2021 00:56



Tgt Ion:276 Resp: 69699
 Ion Ratio Lower Upper
 276 100
 138 2.6 5.1 7.7#
 277 18.1 19.8 29.6#





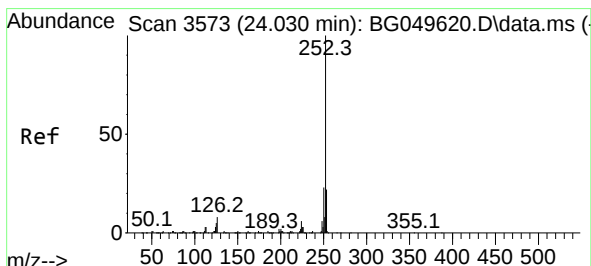
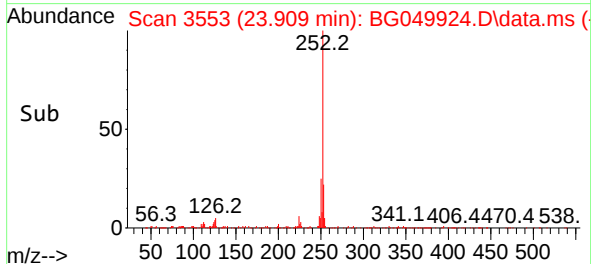
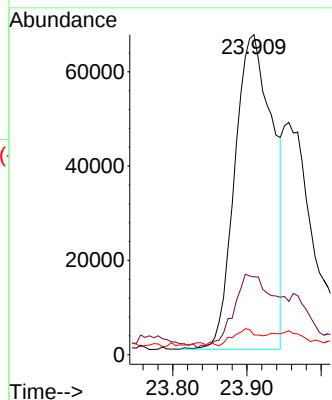
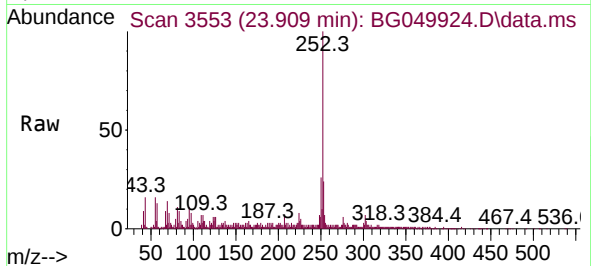
#88
Benzo(b)fluoranthene
Concen: 35.846 ng
RT: 23.909 min Scan# 3553
Delta R.T. 0.048 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

Tgt Ion:252 Resp: 237959
Ion Ratio Lower Upper
252 100
253 24.3 16.2 24.4
125 6.2 3.0 4.4#

Instrument :
BNA_G
ClientSampleId :
SWCS-15-0205

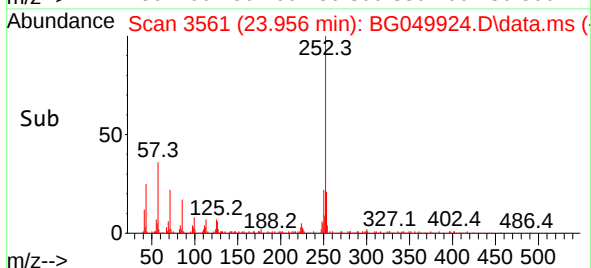
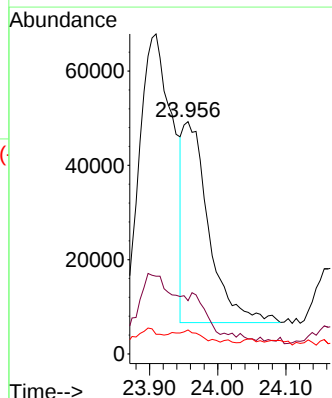
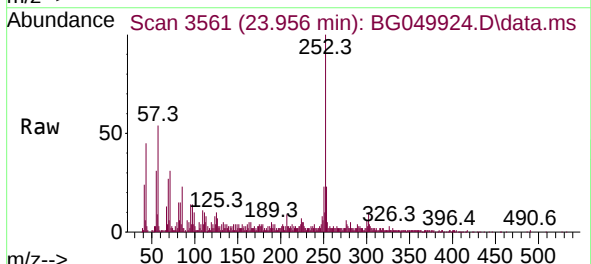
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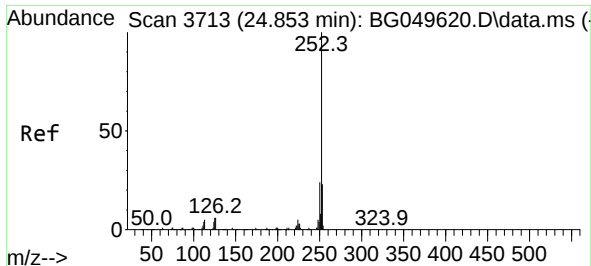
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#89
Benzo(k)fluoranthene
Concen: 18.127 ng m
RT: 23.956 min Scan# 3561
Delta R.T. 0.030 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

Tgt Ion:252 Resp: 112244
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 10.4 3.1 4.7#





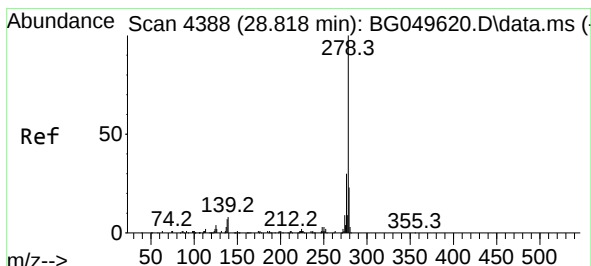
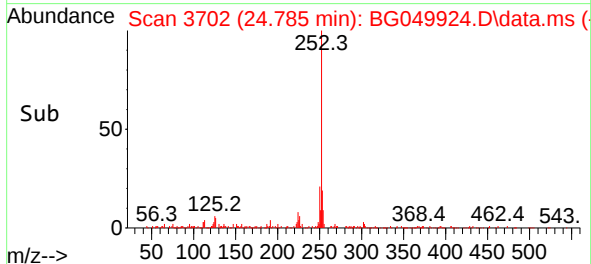
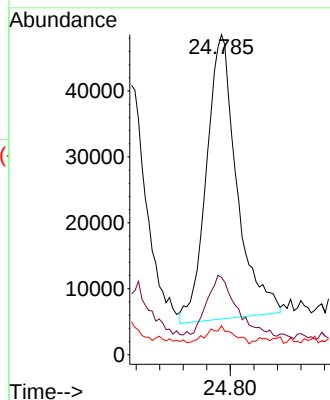
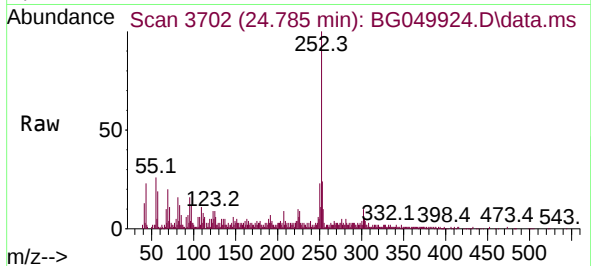
#90
Benzo(a)pyrene
Concen: 25.670 ng
RT: 24.785 min Scan# 3702
Delta R.T. 0.048 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.6	25.0
125	9.1	3.5	5.3#

Instrument :
BNA_G
ClientSampled :
SWCS-15-0205

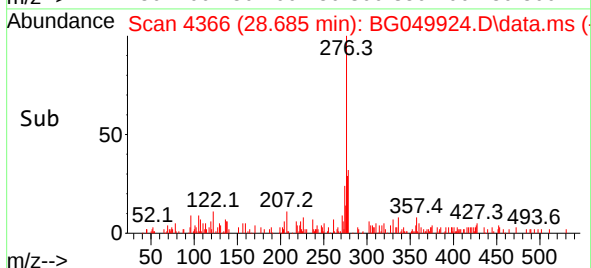
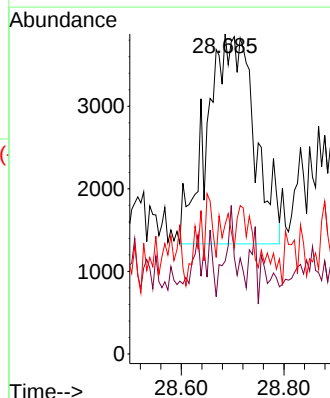
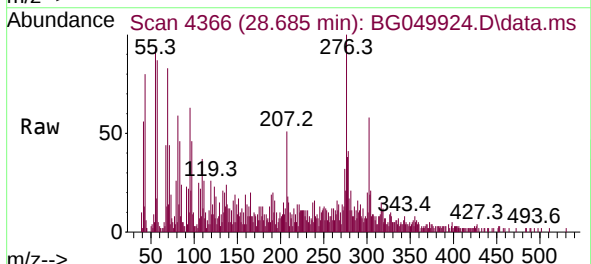
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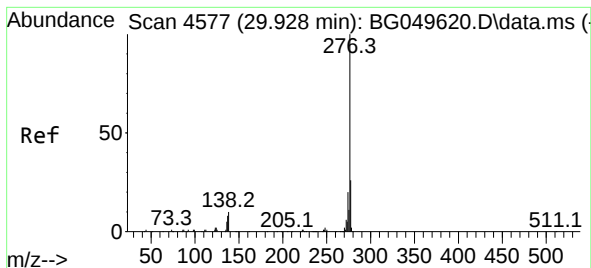
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#91
Dibenzo(a,h)anthracene
Concen: 2.640 ng m
RT: 28.685 min Scan# 4366
Delta R.T. 0.048 min
Lab File: BG049924.D
Acq: 21 Aug 2021 00:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.0	4.6	6.8#
279	40.5	17.9	26.9#





#92

Benzo(g,h,i)perylene

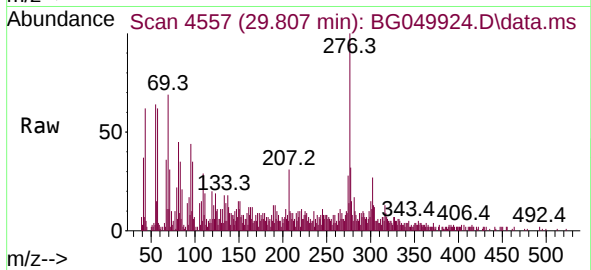
Concen: 10.696 ng

RT: 29.807 min Scan# 4557

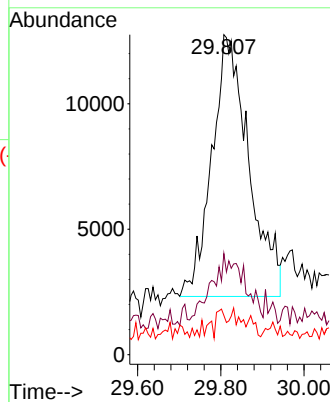
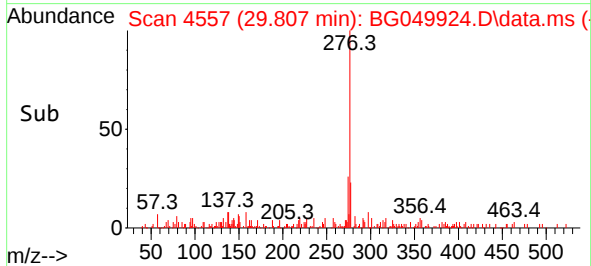
Delta R.T. 0.071 min

Lab File: BG049924.D

Acq: 21 Aug 2021 00:56



Tgt Ion:	276	Resp:	64458
Ion Ratio	Lower	Upper	
276	100		
277	31.6	18.4	27.6#
138	12.3	7.0	10.6#



Instrument :

BNA_G

ClientSampleId :

SWCS-15-0205

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