

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
 Data File : BG049952.D
 Acq On : 24 Aug 2021 14:41
 Operator : CG/JU
 Sample : M3463-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-18-0204

Manual Integrations
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Quant Time: Aug 24 15:27:13 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	7.974	152	27818	20.000	ng	-0.01
21) Naphthalene-d8	10.794	136	118249	20.000	ng	#-0.02
39) Acenaphthene-d10	14.636	164	83262	20.000	ng	-0.01
64) Phenanthrene-d10	17.391	188	176401	20.000	ng	#-0.01
76) Chrysene-d12	21.662	240	148886	20.000	ng	-0.02
86) Perylene-d12	24.904	264	152082	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	149076	96.065	ng	0.00
7) Phenol-d6	7.146	99	211342	89.969	ng	-0.01
23) Nitrobenzene-d5	9.143	82	150032	56.145	ng	-0.02
42) 2,4,6-Tribromophenol	16.134	330	103640	84.684	ng	-0.01
45) 2-Fluorobiphenyl	13.250	172	241289	42.167	ng	-0.01
79) Terphenyl-d14	19.999	244	255831	31.208	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.432	178	52107	5.615	ng	95
75) Fluoranthene	19.447	202	139018	12.173	ng	98
78) Pyrene	19.805	202	127556	12.567	ng	98
81) Benzo(a)anthracene	21.644	228	71184m	7.342	ng	
83) Chrysene	21.709	228	72238	7.794	ng	93
84) Bis(2-ethylhexyl)phtha...	21.533	149	12994	2.375	ng	95
87) Indeno(1,2,3-cd)pyrene	28.588	276	51446m	4.691	ng	
88) Benzo(b)fluoranthene	23.871	252	96491	9.674	ng	# 96
89) Benzo(k)fluoranthene	23.929	252	28663m	3.081	ng	
90) Benzo(a)pyrene	24.746	252	69106	7.656	ng	# 97
92) Benzo(g,h,i)perylene	29.757	276	51330	5.669	ng	# 96

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

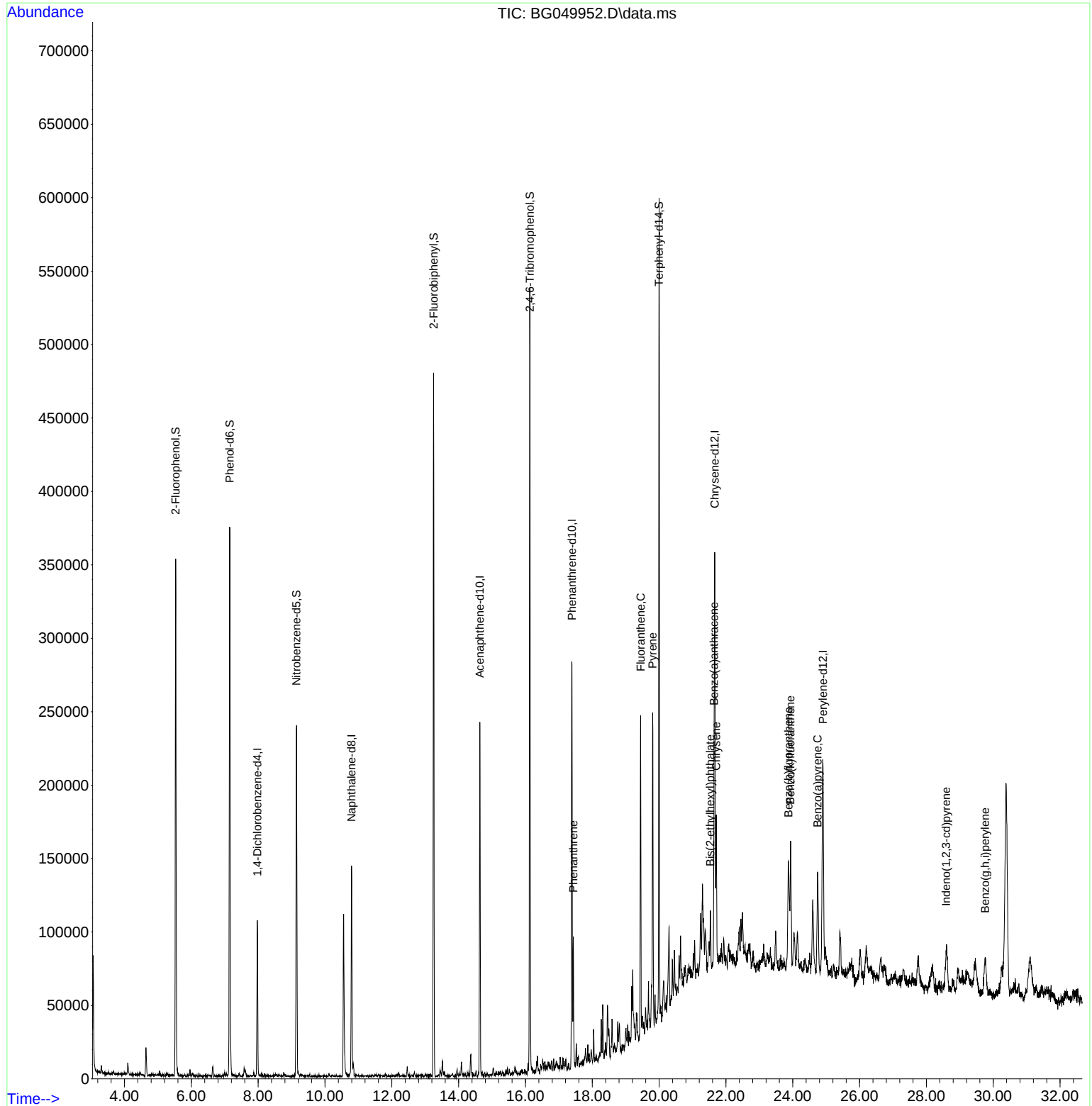
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Data File : BG049952.D
Acq On : 24 Aug 2021 14:41
Operator : CG/JU
Sample : M3463-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

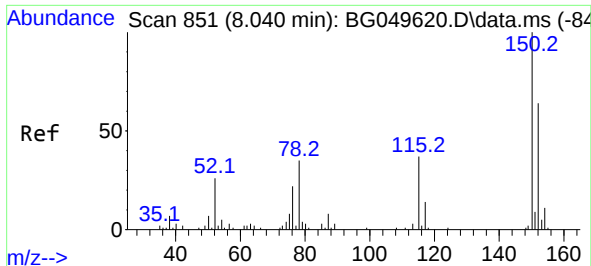
Instrument :
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ClientSampleId :
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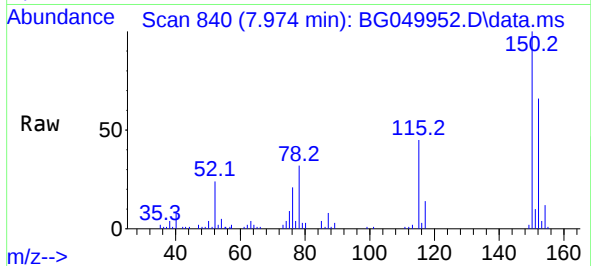
Quant Time: Aug 24 15:27:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.974 min Scan# 840
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

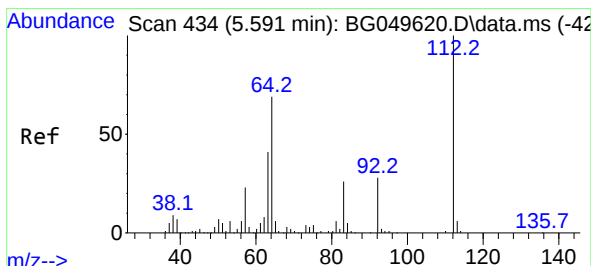
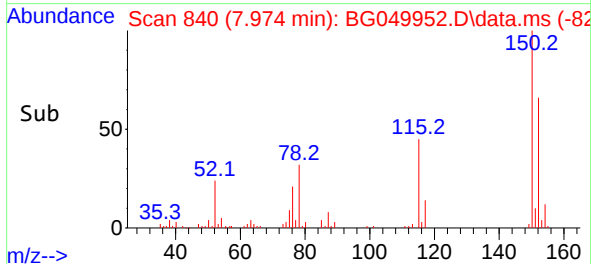
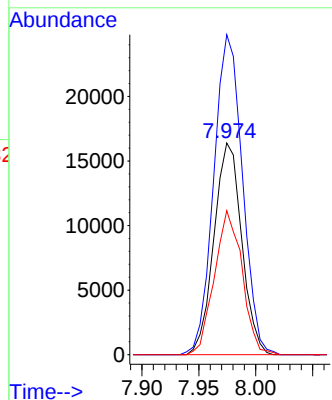
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:152 Resp: 27818
Ion Ratio Lower Upper
152 100
150 151.2 119.4 179.0
115 68.0 60.2 90.4

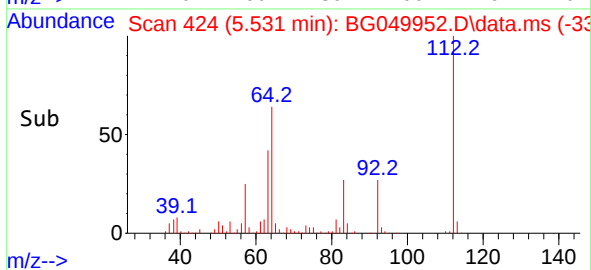
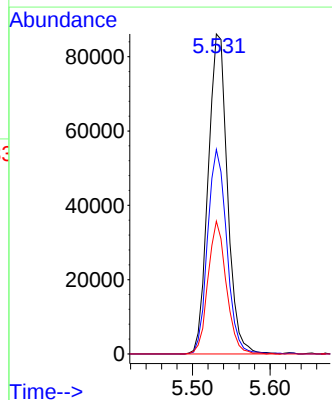
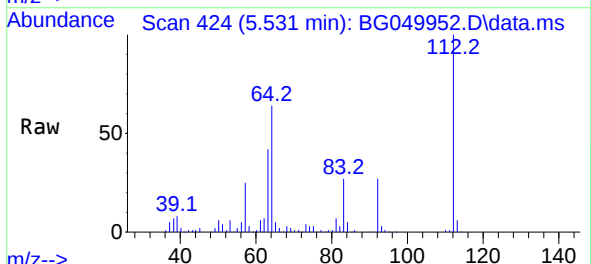
Manual Integrations
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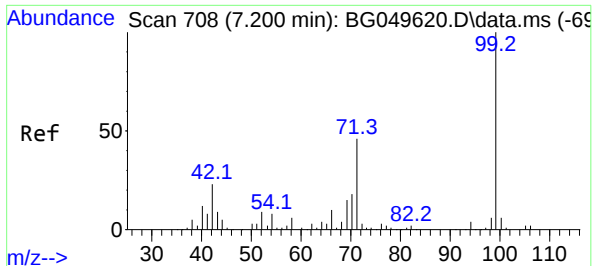
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#5
2-Fluorophenol
Concen: 96.065 ng
RT: 5.531 min Scan# 424
Delta R.T. -0.006 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion:112 Resp: 149076
Ion Ratio Lower Upper
112 100
64 63.9 46.7 70.1
63 41.5 35.3 52.9





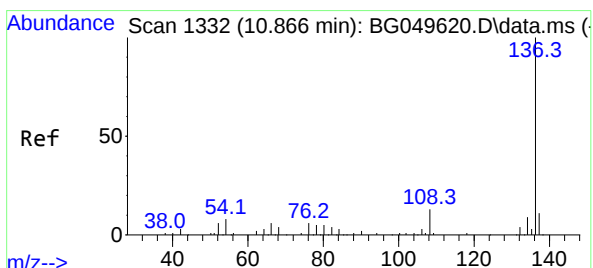
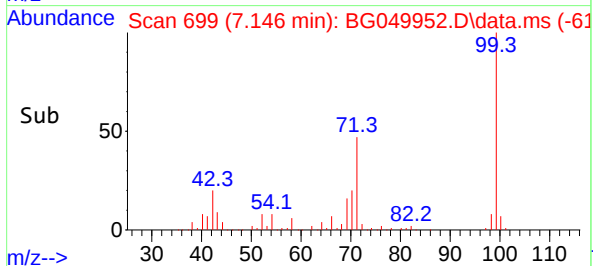
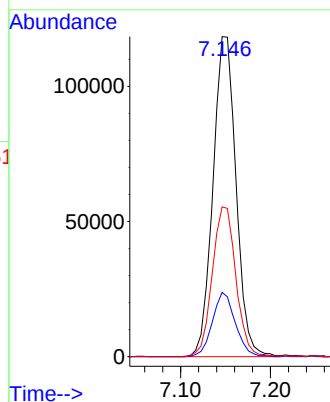
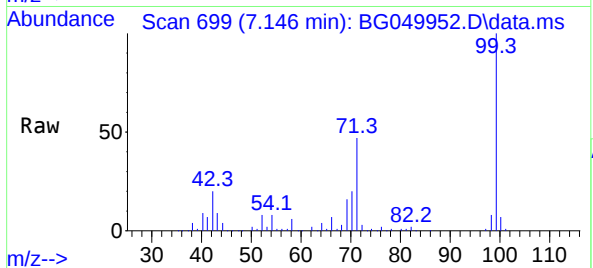
#7
Phenol-d6
Concen: 89.969 ng
RT: 7.146 min Scan# 699
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion: 99 Resp: 211342
Ion Ratio Lower Upper
99 100
42 20.1 20.5 30.7#
71 46.8 41.5 62.3

Instrument :
BNA_G
ClientSampleId :
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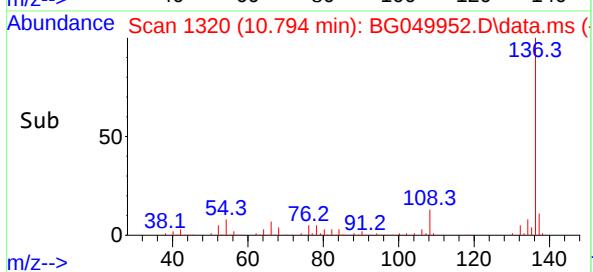
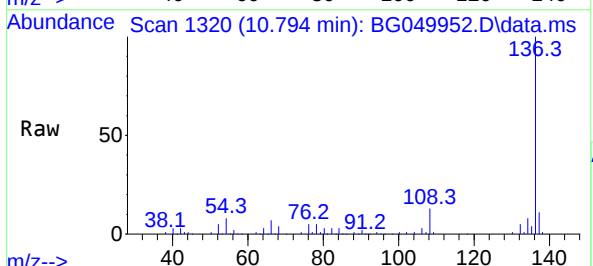
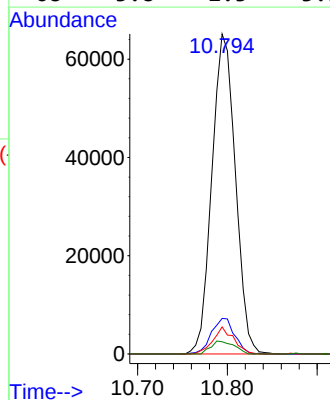
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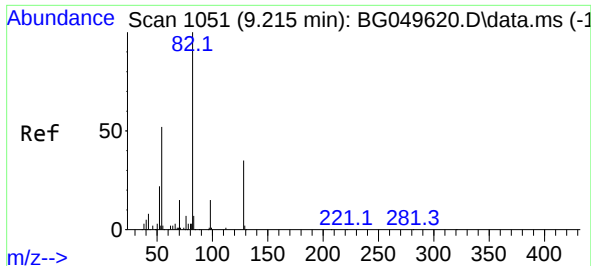
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 1320
Delta R.T. -0.017 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion: 136 Resp: 118249
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 8.5 5.5 8.3#
68 3.8 2.3 3.5#





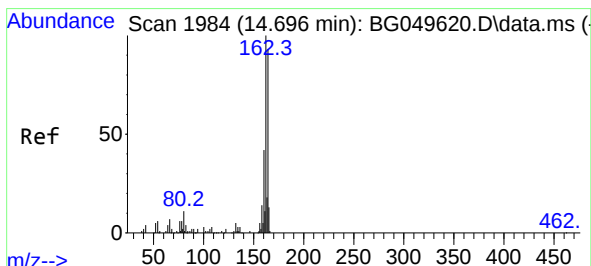
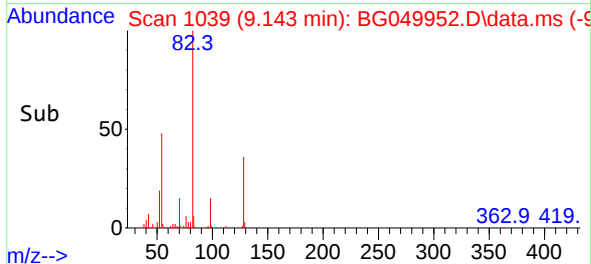
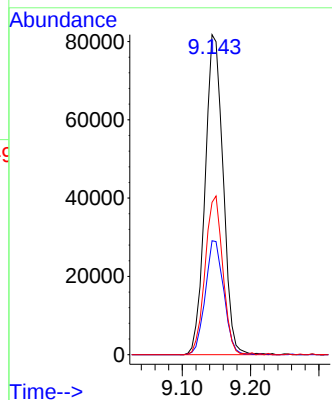
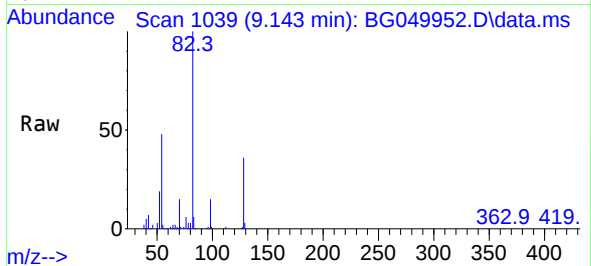
#23
Nitrobenzene-d5
Concen: 56.145 ng
RT: 9.143 min Scan# 1039
Delta R.T. -0.017 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion:	82	Resp:	150032
Ion Ratio	Lower	Upper	
82	100		
128	35.6	29.8	44.6
54	47.6	45.8	68.8

Instrument :
BNA_G
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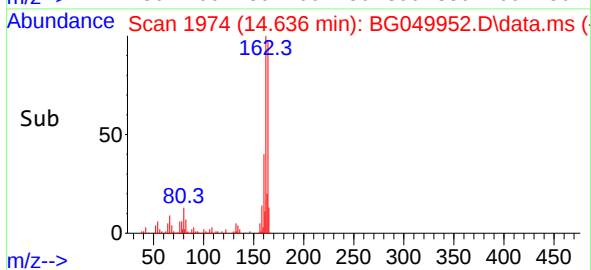
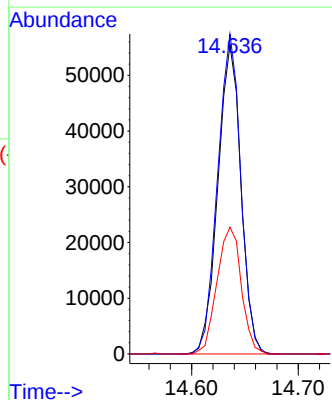
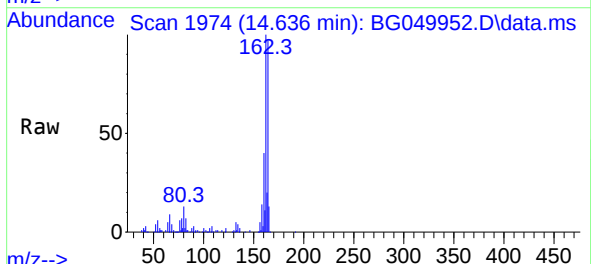
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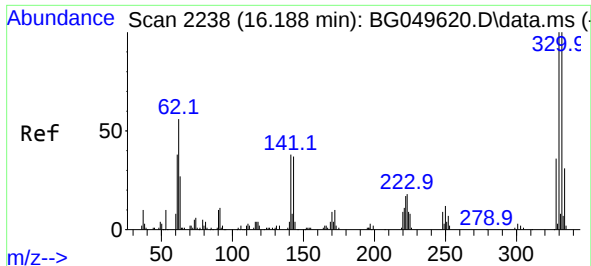
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.636 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

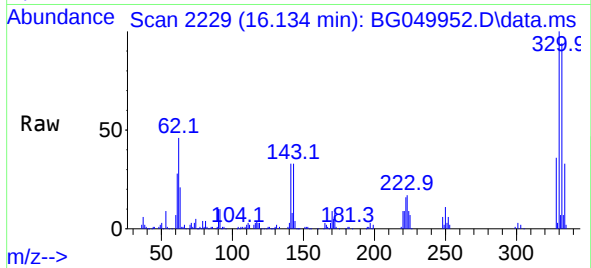
Tgt Ion:	164	Resp:	83262
Ion Ratio	Lower	Upper	
164	100		
162	103.6	81.4	122.0
160	41.0	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 84.684 ng
RT: 16.134 min Scan# 2229
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

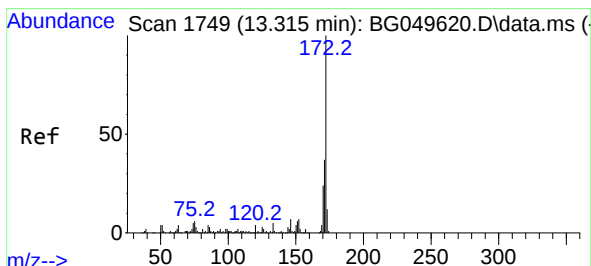
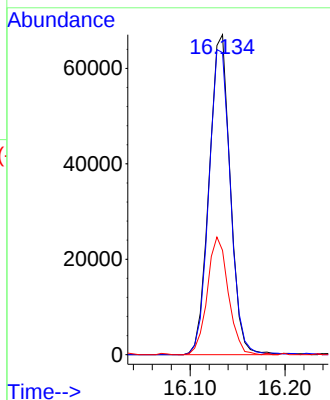
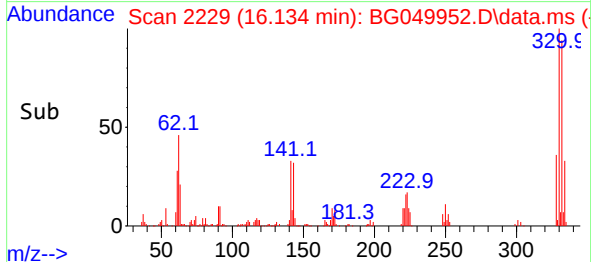
Instrument :
BNA_G
ClientSampleId :
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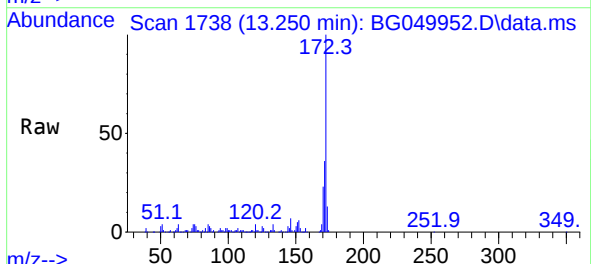
Tgt Ion:330 Resp: 103640
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 36.6 35.6 53.4

Manual Integrations
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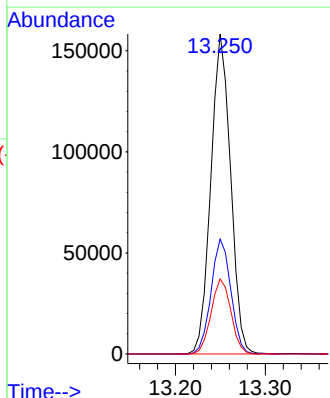
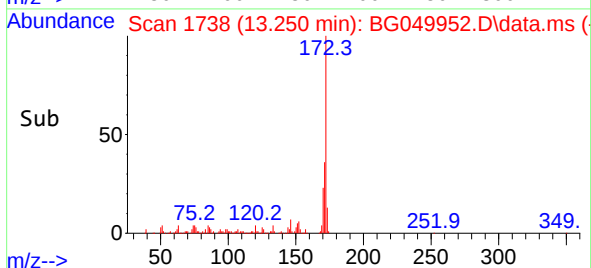
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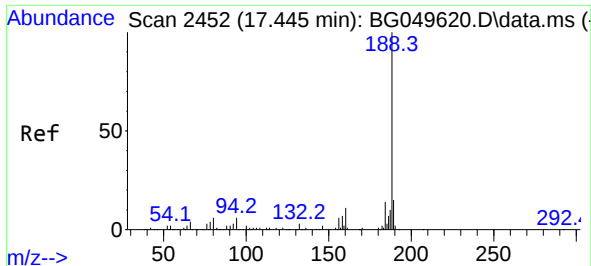


#45
2-Fluorobiphenyl
Concen: 42.167 ng
RT: 13.250 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41



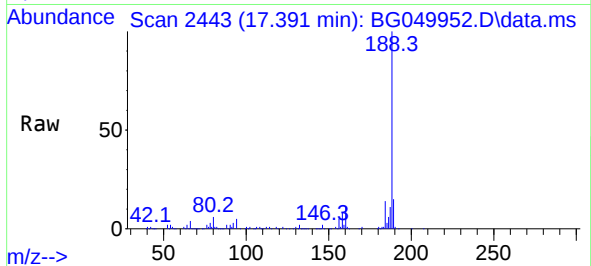
Tgt Ion:172 Resp: 241289
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.4 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.391 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

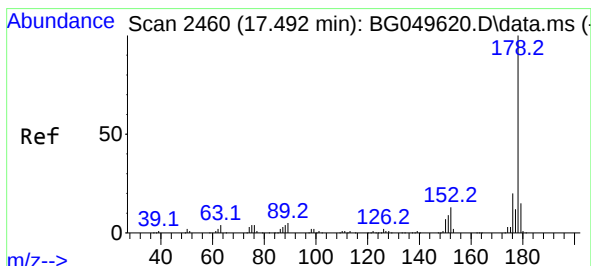
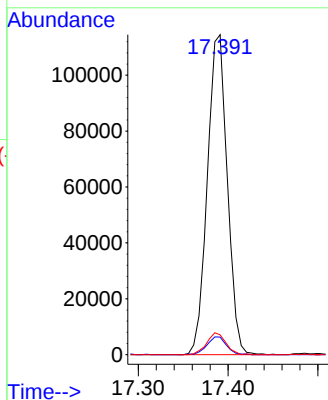
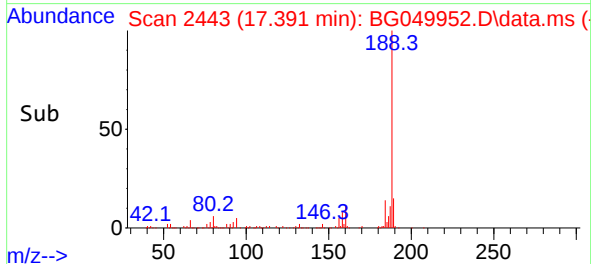
Instrument :
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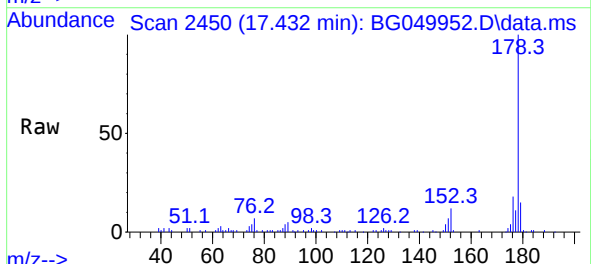
Tgt Ion:188 Resp: 176401
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.2 3.7 5.5#

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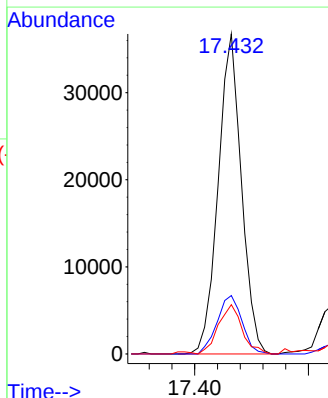
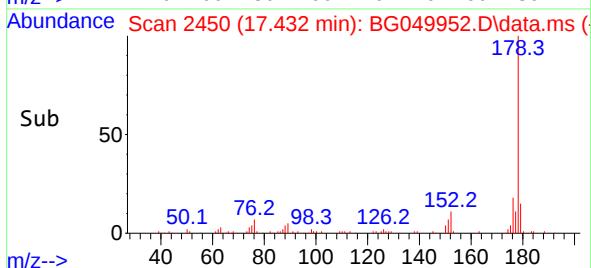
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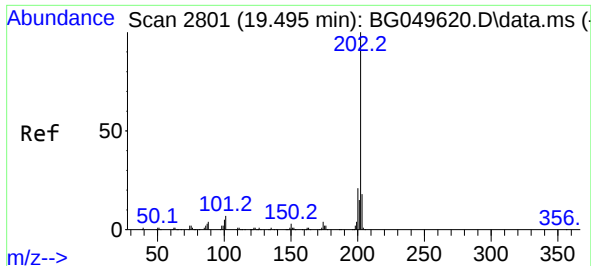


#71
Phenanthrene
Concen: 5.615 ng
RT: 17.432 min Scan# 2450
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41



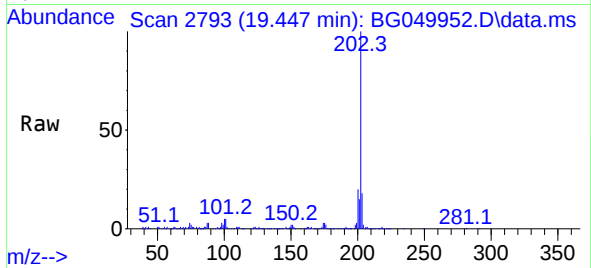
Tgt Ion:178 Resp: 52107
Ion Ratio Lower Upper
178 100
176 18.3 16.0 24.0
179 15.4 14.2 21.4





#75
Fluoranthene
Concen: 12.173 ng
RT: 19.447 min Scan# 2793
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

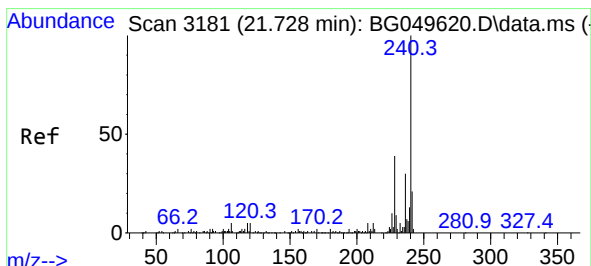
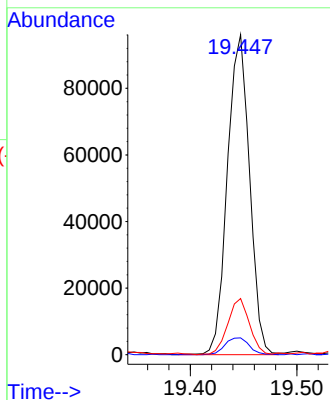
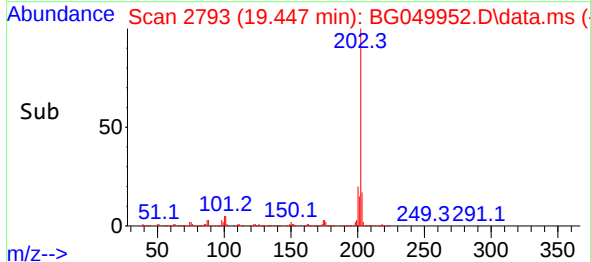
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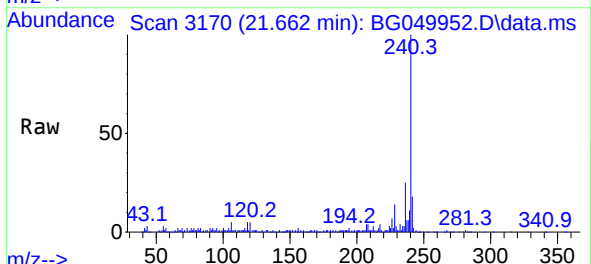
Tgt Ion:202 Resp: 139018
Ion Ratio Lower Upper
202 100
101 5.3 0.0 24.7
203 17.6 0.0 38.5

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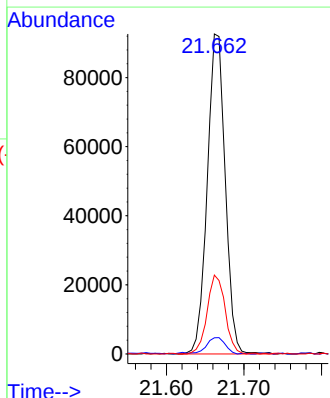
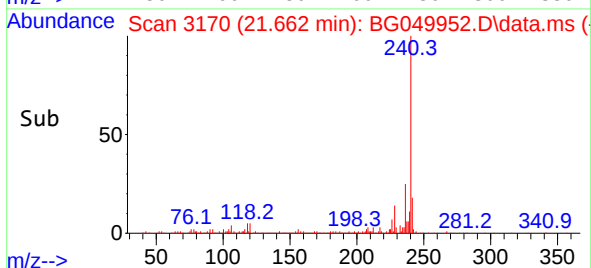
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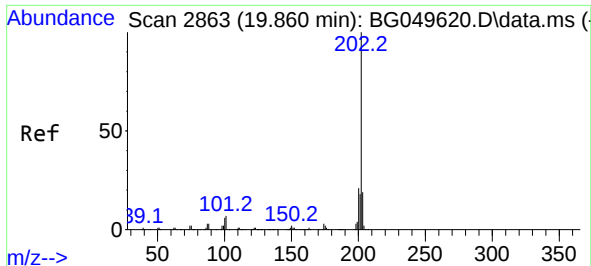


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.662 min Scan# 3170
Delta R.T. -0.017 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

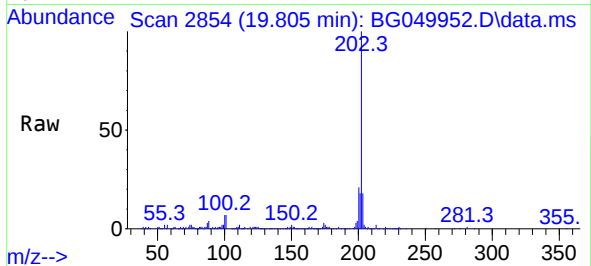


Tgt Ion:240 Resp: 148886
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 24.7 21.8 32.6

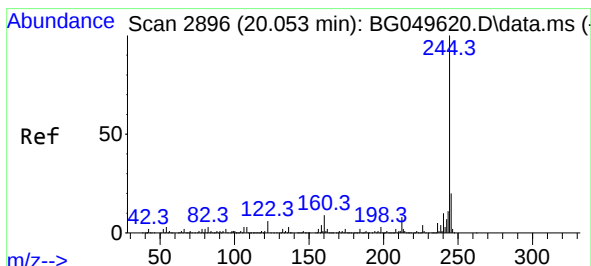
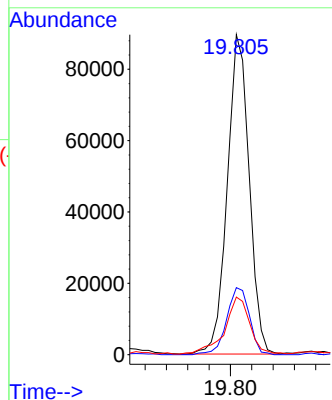
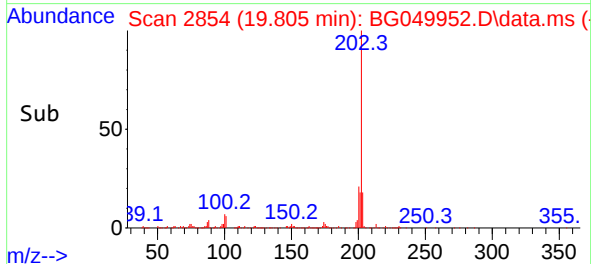




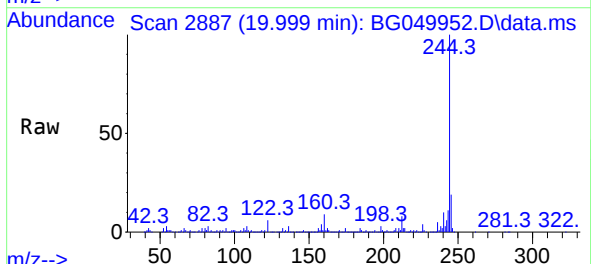
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Pyrene
Concen: 12.567 ng
RT: 19.805 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41



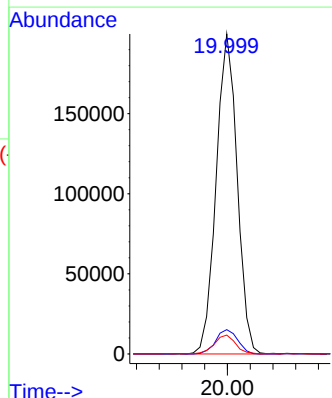
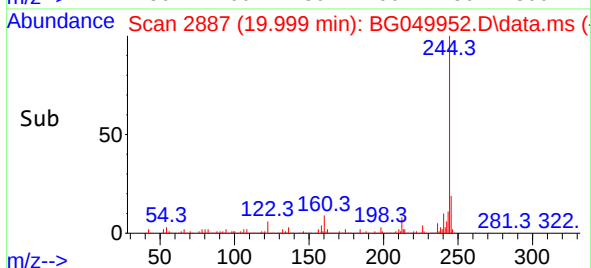
Tgt Ion:202 Resp: 127556
Ion Ratio Lower Upper
202 100
200 21.0 15.8 23.8
203 18.0 14.6 21.8



#79
Terphenyl-d14
Concen: 31.208 ng
RT: 19.999 min Scan# 2887
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41



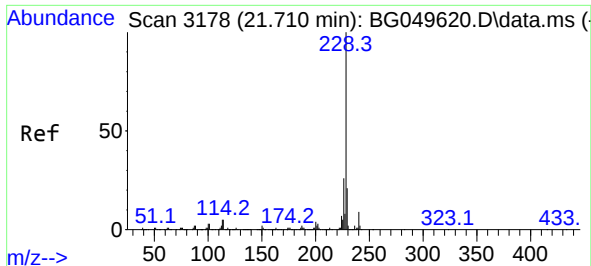
Tgt Ion:244 Resp: 255831
Ion Ratio Lower Upper
244 100
212 7.6 6.9 10.3
122 5.9 5.0 7.6



Instrument :
BNA_G
ClientSampleId :
SWCS-18-0204

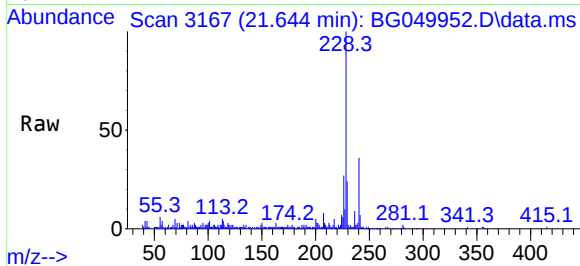
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#81
Benzo(a)anthracene
Concen: 7.342 ng m
RT: 21.644 min Scan# 3167
Delta R.T. -0.011 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

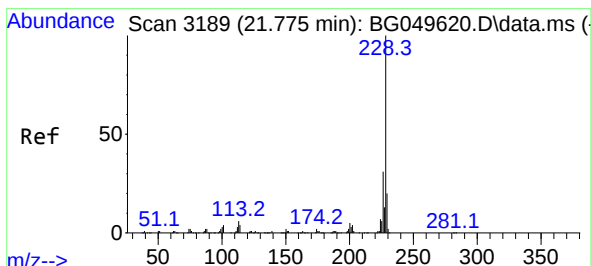
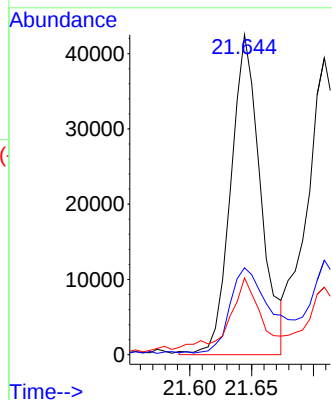
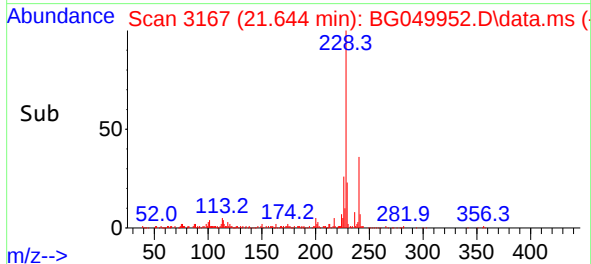
Instrument :
BNA_G
ClientSampleId :
SWCS-18-0204



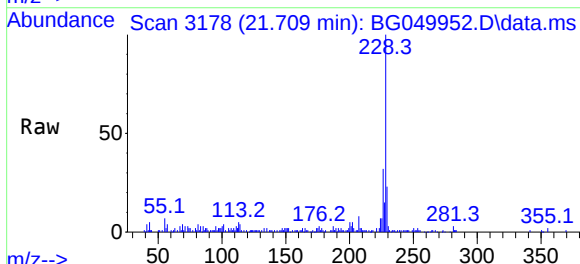
Tgt Ion:228 Resp: 71184
Ion Ratio Lower Upper
228 100
226 27.2 22.7 34.1
229 24.0 16.0 24.0#

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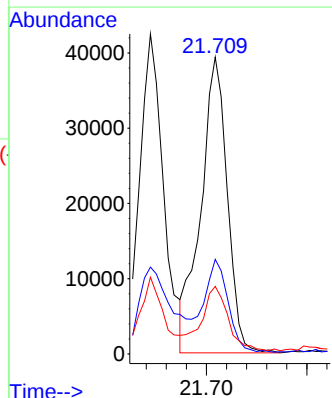
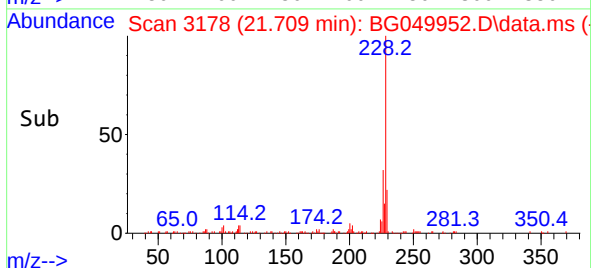
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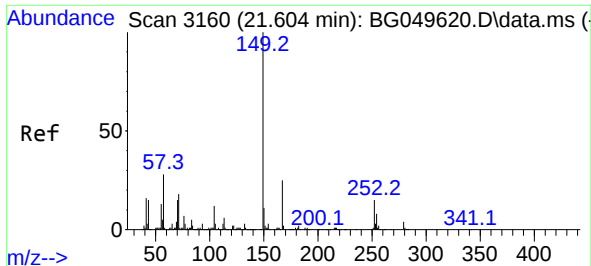


#83
Chrysene
Concen: 7.794 ng
RT: 21.709 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

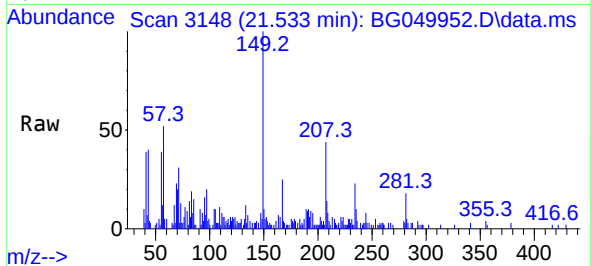


Tgt Ion:228 Resp: 72238
Ion Ratio Lower Upper
228 100
226 31.8 23.1 34.7
229 22.7 15.3 22.9

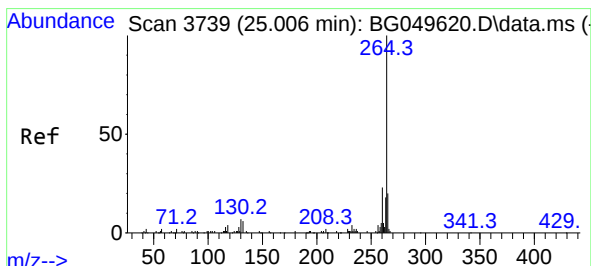
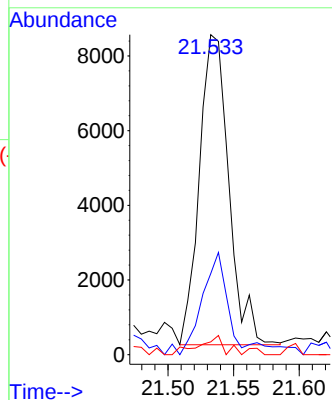
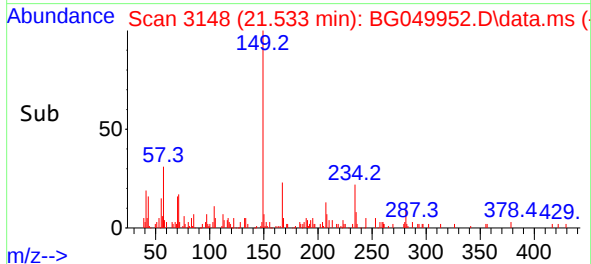




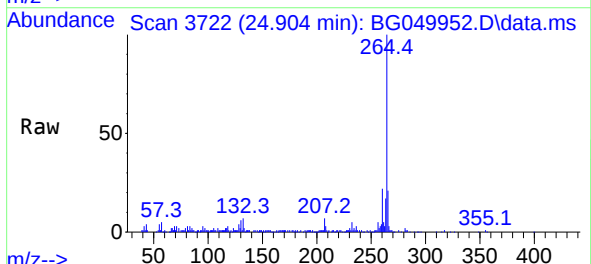
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.375 ng
RT: 21.533 min Scan# 3148
Delta R.T. -0.011 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41



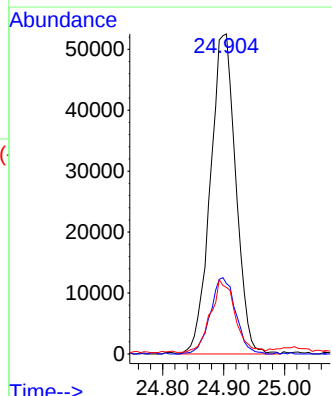
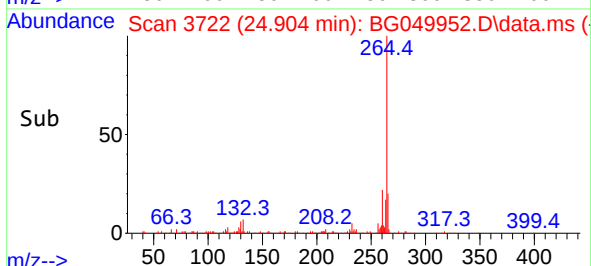
Tgt Ion:149 Resp: 12994
Ion Ratio Lower Upper
149 100
167 25.3 22.3 33.5
279 4.0 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.904 min Scan# 3722
Delta R.T. -0.017 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41



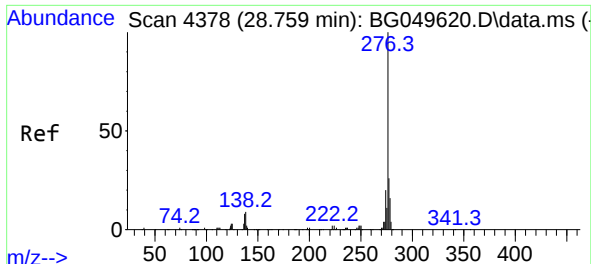
Tgt Ion:264 Resp: 152082
Ion Ratio Lower Upper
264 100
260 22.0 19.4 29.2
265 20.8 16.9 25.3



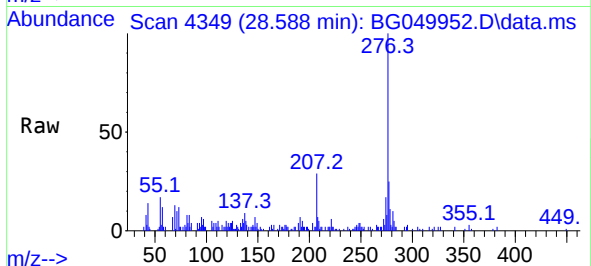
Instrument :
BNA_G
ClientSampleId :
SWCS-18-0204

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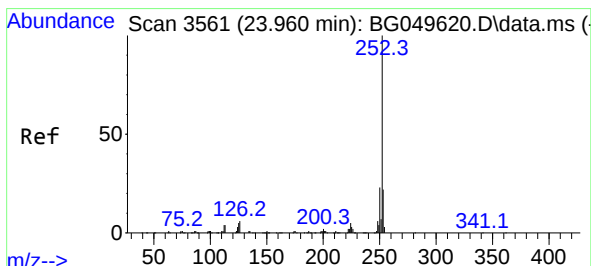
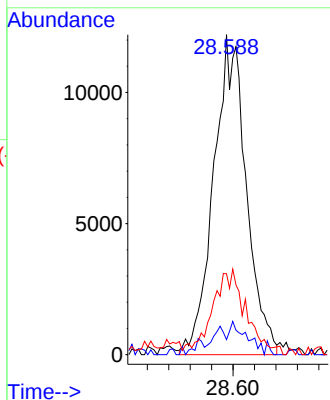
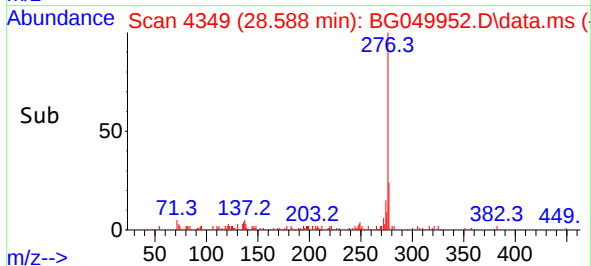
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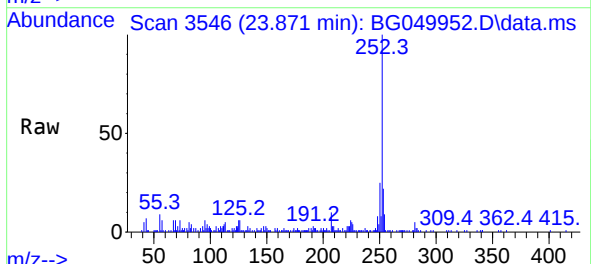
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.691 ng m
RT: 28.588 min Scan# 4349
Delta R.T. -0.058 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41



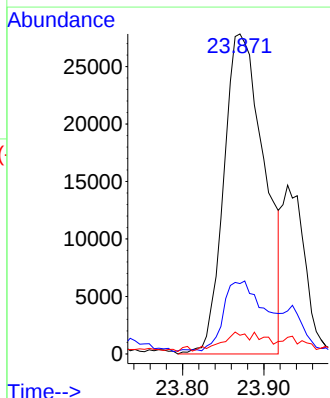
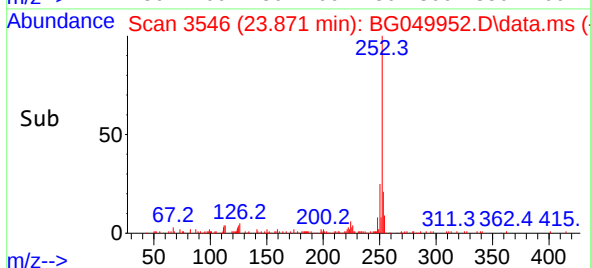
Tgt Ion: 276 Resp: 51446
Ion Ratio Lower Upper
276 100
138 3.4 5.1 7.7#
277 11.0 19.8 29.6#



#88
Benzo(b)fluoranthene
Concen: 9.674 ng
RT: 23.871 min Scan# 3546
Delta R.T. -0.023 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41



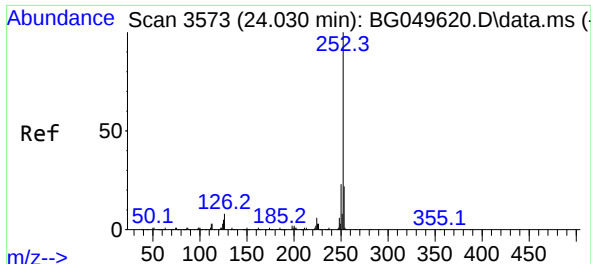
Tgt Ion: 252 Resp: 96491
Ion Ratio Lower Upper
252 100
253 22.0 16.2 24.4
125 5.9 3.0 4.4#



Instrument :
BNA_G
ClientSampleId :
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#89

Benzo(k)fluoranthene

Concen: 3.081 ng m

RT: 23.929 min Scan# 3556

Delta R.T. -0.029 min

Lab File: BG049952.D

Acq: 24 Aug 2021 14:41

Tgt Ion:	252	Resp:	28663
Ion Ratio	Lower	Upper	
252	100		
253	25.5	18.0	27.0
125	9.8	3.1	4.7#

Instrument :

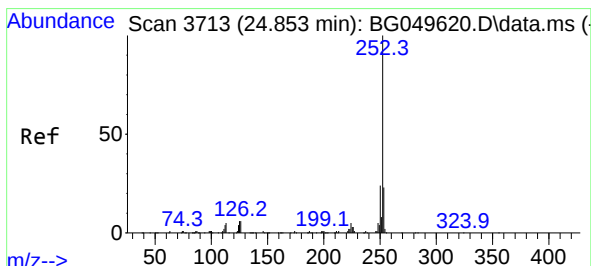
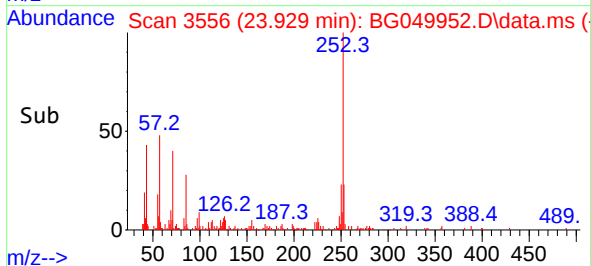
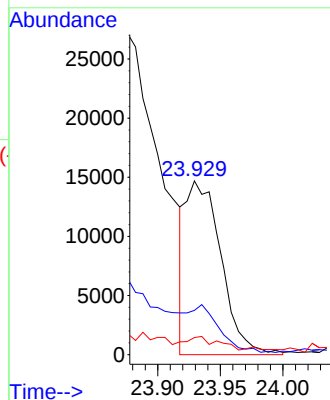
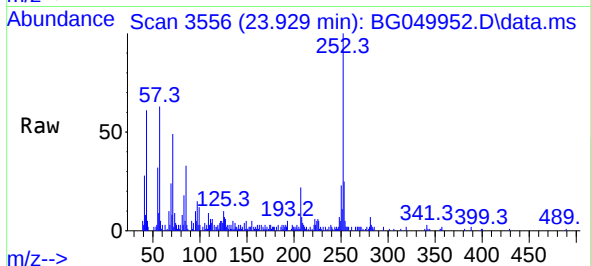
BNA_G

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 7.656 ng

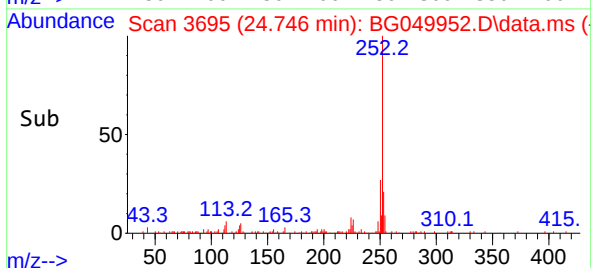
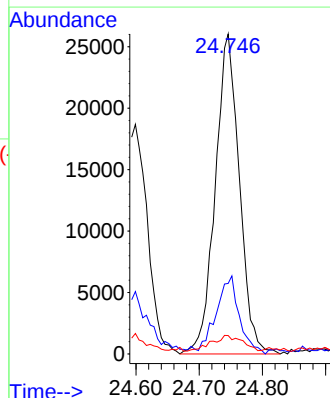
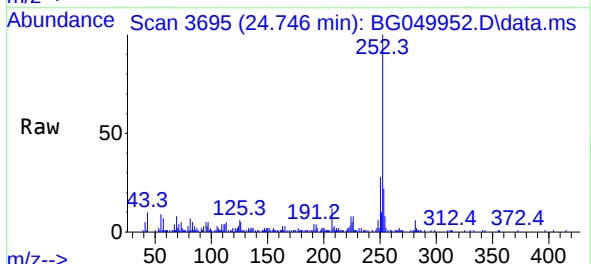
RT: 24.746 min Scan# 3695

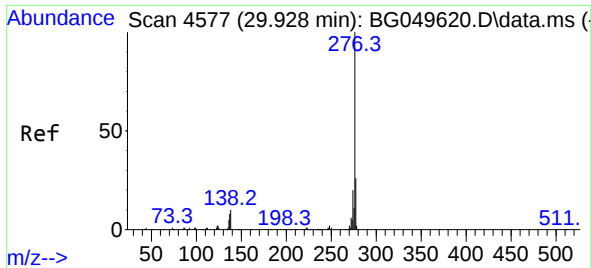
Delta R.T. -0.029 min

Lab File: BG049952.D

Acq: 24 Aug 2021 14:41

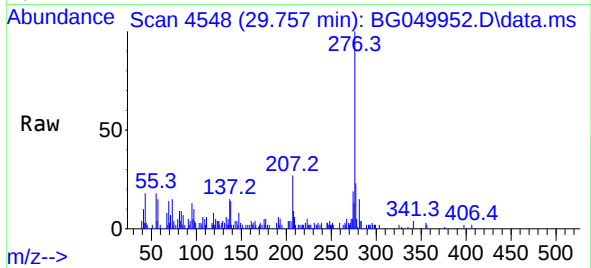
Tgt Ion:	252	Resp:	69106
Ion Ratio	Lower	Upper	
252	100		
253	22.0	16.6	25.0
125	5.8	3.5	5.3#





#92
 Benzo(g,h,i)perylene
 Concen: 5.669 ng
 RT: 29.757 min Scan# 4548
 Delta R.T. -0.059 min
 Lab File: BG049952.D
 Acq: 24 Aug 2021 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-18-0204



Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	13.8	7.0	10.6

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