

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
 Data File : BG049974.D
 Acq On : 25 Aug 2021 18:59
 Operator : CG/JU
 Sample : M3530-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-082421

Manual Integrations
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Quant Time: Aug 26 01:03:09 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	32473	20.000	ng	0.00
21) Naphthalene-d8	10.803	136	134201	20.000	ng	# 0.00
39) Acenaphthene-d10	14.639	164	82269	20.000	ng	0.00
64) Phenanthrene-d10	17.394	188	149293	20.000	ng	# 0.00
76) Chrysene-d12	21.671	240	125786	20.000	ng	0.00
86) Perylene-d12	24.913	264	126953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	35134	19.395	ng	0.00
7) Phenol-d6	7.155	99	51057	18.619	ng	0.00
23) Nitrobenzene-d5	9.152	82	37790	12.461	ng	0.00
42) 2,4,6-Tribromophenol	16.137	330	22861	18.905	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	75620	13.375	ng	0.00
79) Terphenyl-d14	20.002	244	87650	12.656	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.435	178	74823	9.526	ng	99
72) Anthracene	17.523	178	21419	2.777	ng	98
75) Fluoranthene	19.450	202	134523	13.918	ng	94
78) Pyrene	19.809	202	124908	14.566	ng	99
81) Benzo(a)anthracene	21.647	228	65519	7.998	ng	97
83) Chrysene	21.718	228	62813m	8.022	ng	
87) Indeno(1,2,3-cd)pyrene	28.626	276	30349	3.315	ng	# 74
88) Benzo(b)fluoranthene	23.885	252	87482	10.507	ng	# 90
89) Benzo(k)fluoranthene	23.938	252	26985m	3.475	ng	
90) Benzo(a)pyrene	24.761	252	60111	7.977	ng	# 87
92) Benzo(g,h,i)perylene	29.783	276	24735	3.272	ng	# 78

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

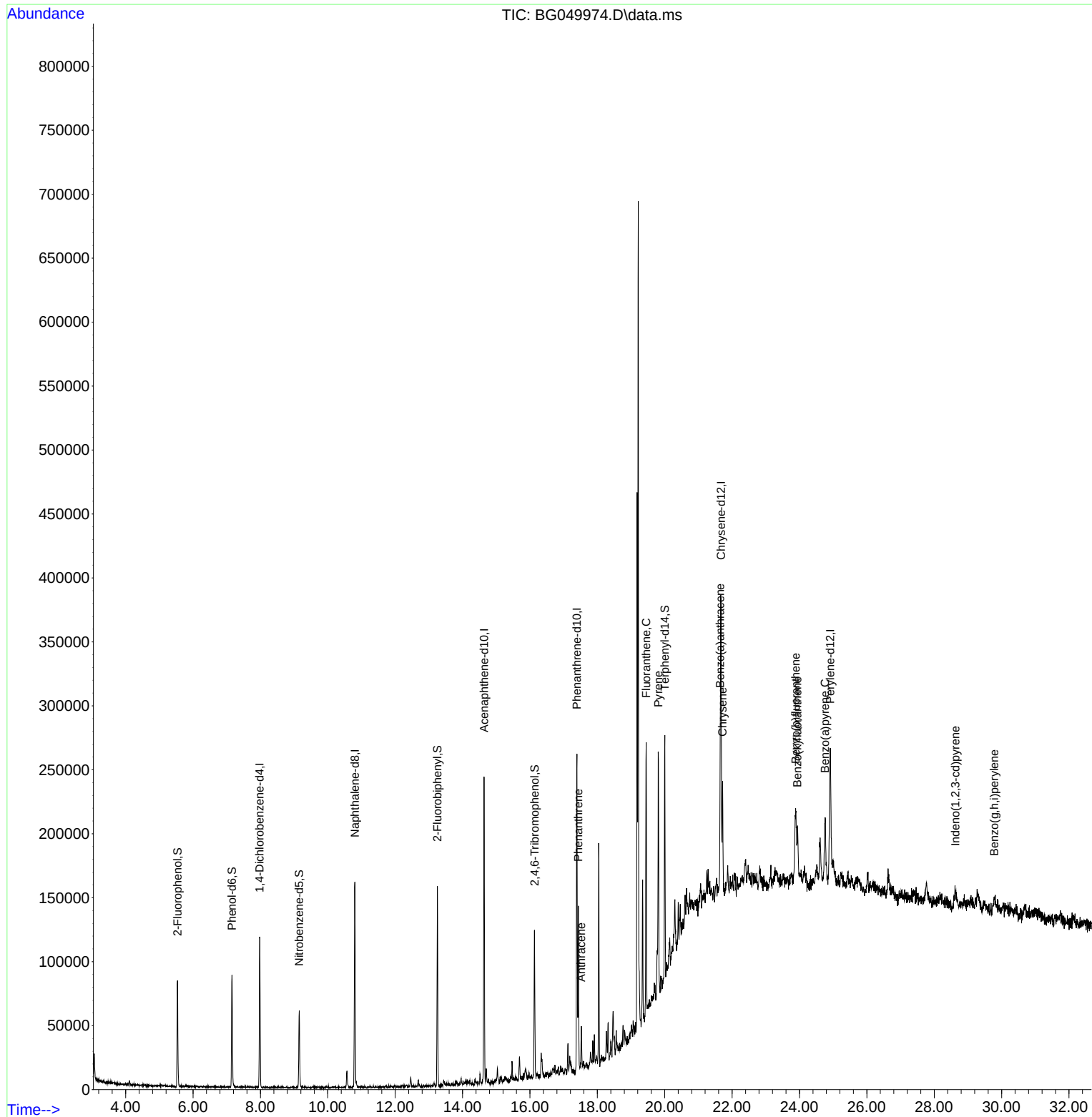
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
Data File : BG049974.D
Acq On : 25 Aug 2021 18:59
Operator : CG/JU
Sample : M3530-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

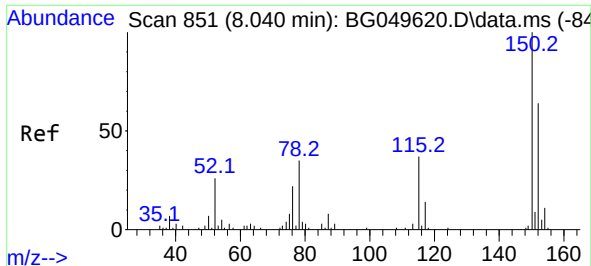
Instrument :
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ClientSampleId :
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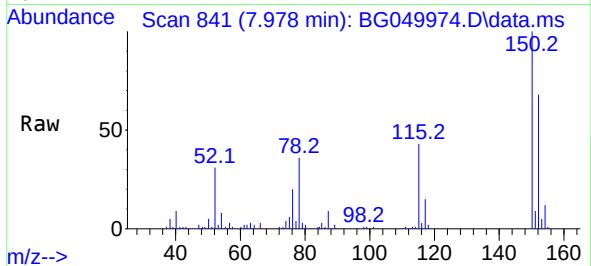
Quant Time: Aug 26 01:03:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 841
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

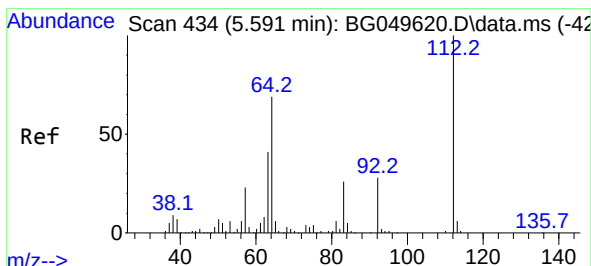
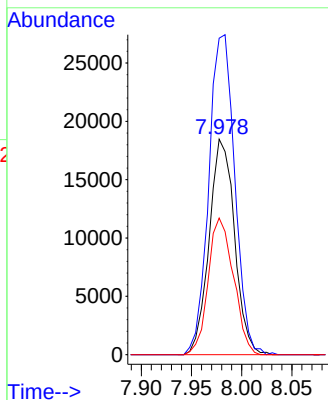
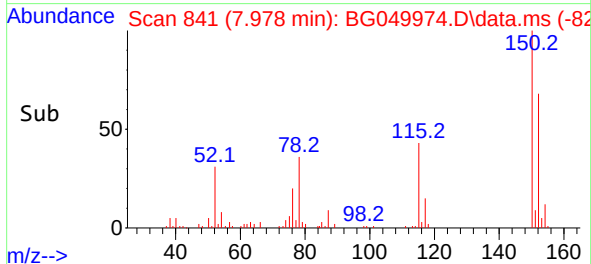
Instrument :
BNA_G
ClientSampled :
PL-01-082421



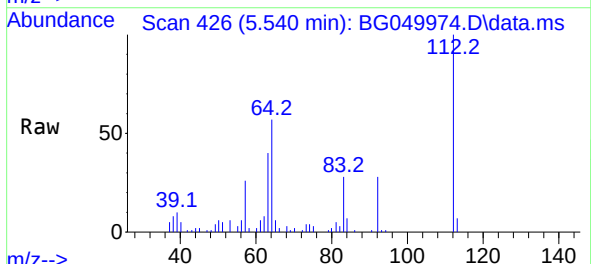
Tgt Ion:152 Resp: 32473
Ion Ratio Lower Upper
152 100
150 146.8 119.4 179.0
115 63.4 60.2 90.4

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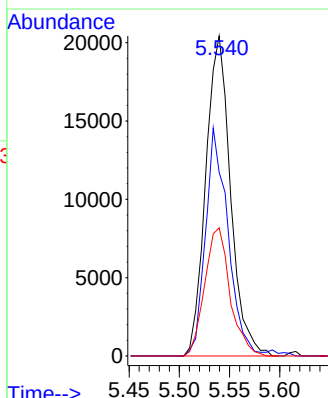
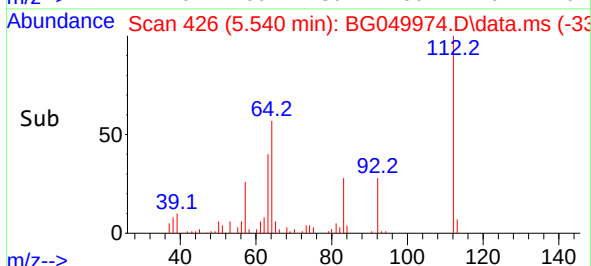
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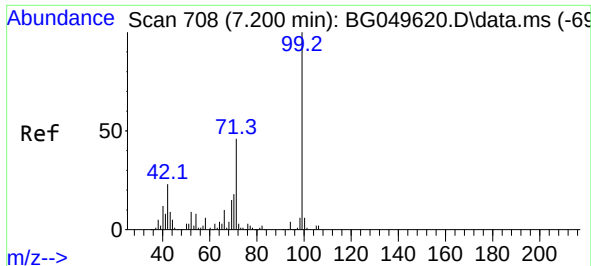


#5
2-Fluorophenol
Concen: 19.395 ng
RT: 5.540 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

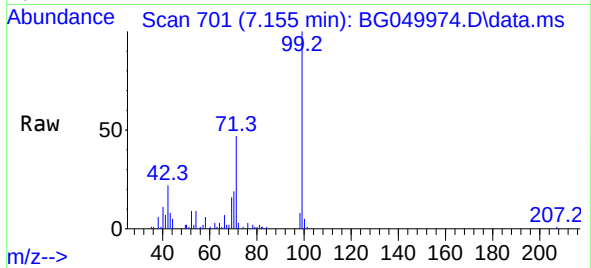


Tgt Ion:112 Resp: 35134
Ion Ratio Lower Upper
112 100
64 57.4 46.7 70.1
63 40.0 35.3 52.9

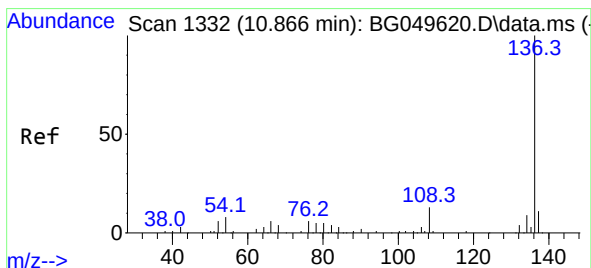
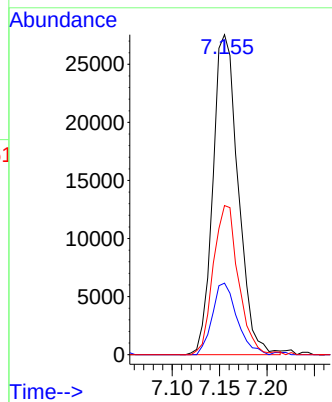
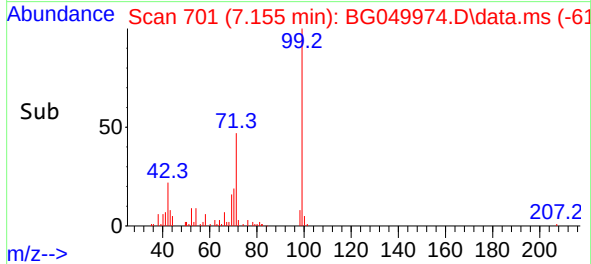




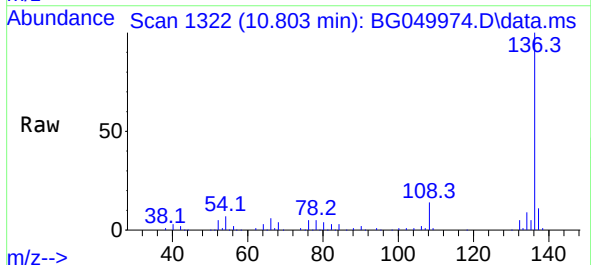
#7
Phenol-d6
Concen: 18.619 ng
RT: 7.155 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59



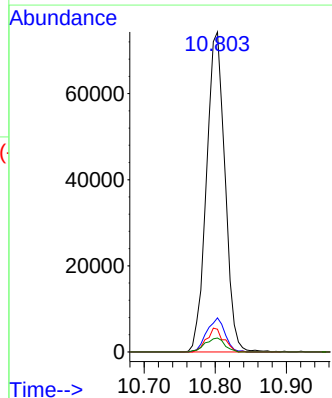
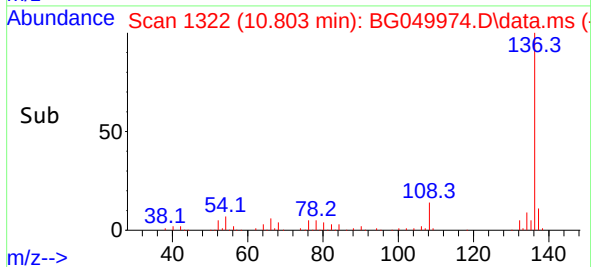
Tgt Ion:	99	Resp:	51057
Ion	Ratio	Lower	Upper
99	100		
42	22.3	20.5	30.7
71	46.6	41.5	62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.803 min Scan# 1322
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59



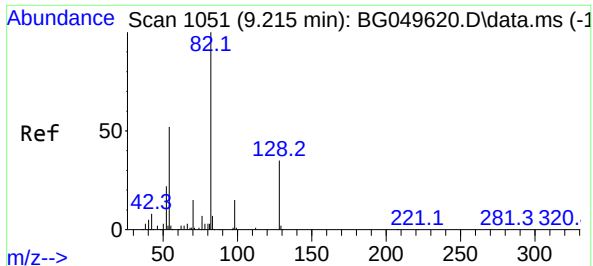
Tgt Ion:	136	Resp:	134201
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	7.1	5.5	8.3
68	4.4	2.3	3.5



Instrument :
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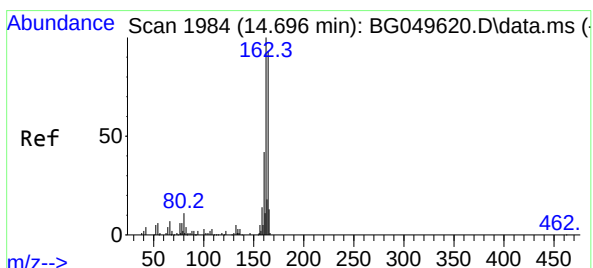
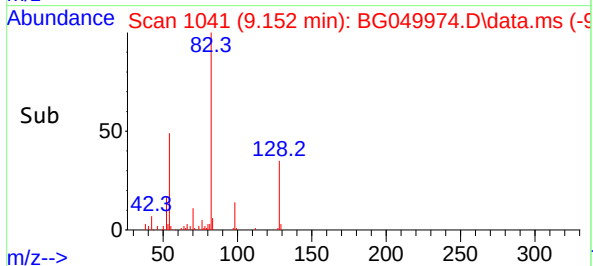
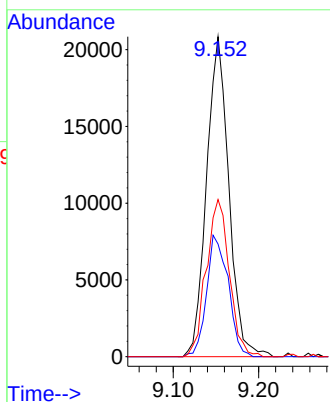
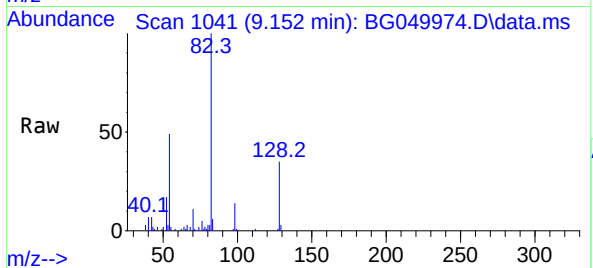
#23
Nitrobenzene-d5
Concen: 12.461 ng
RT: 9.152 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

Instrument :
BNA_G
ClientSampled :
PL-01-082421

Tgt Ion: 82 Resp: 37790
Ion Ratio Lower Upper
82 100
128 35.2 29.8 44.6
54 49.1 45.8 68.8

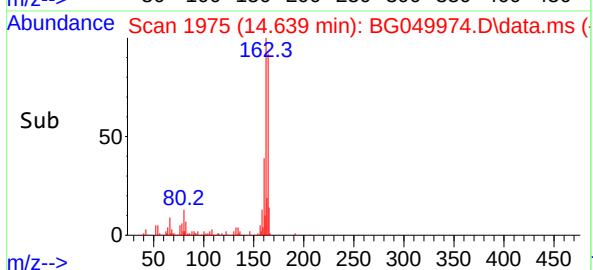
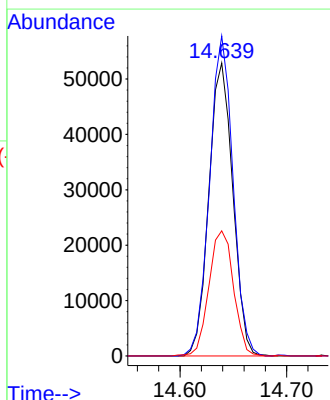
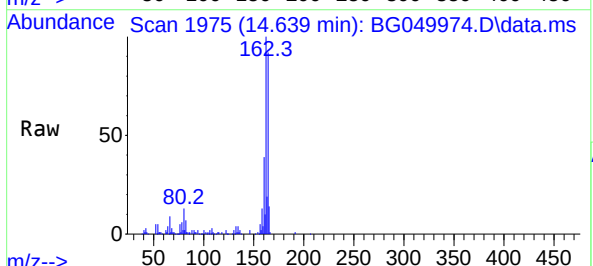
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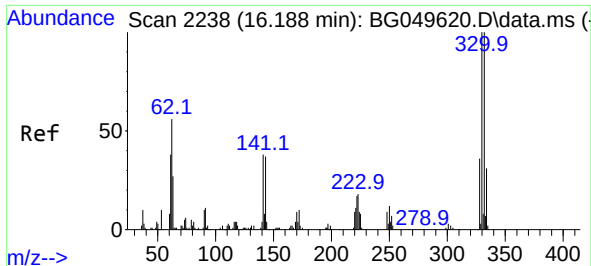
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1975
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

Tgt Ion: 164 Resp: 82269
Ion Ratio Lower Upper
164 100
162 109.2 81.4 122.0
160 42.7 34.9 52.3





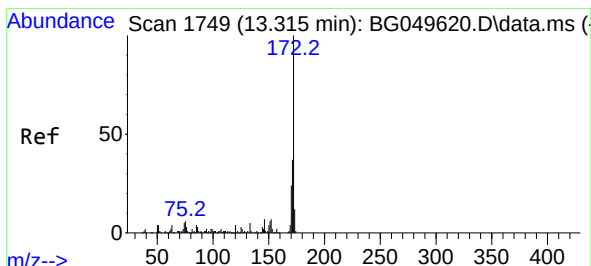
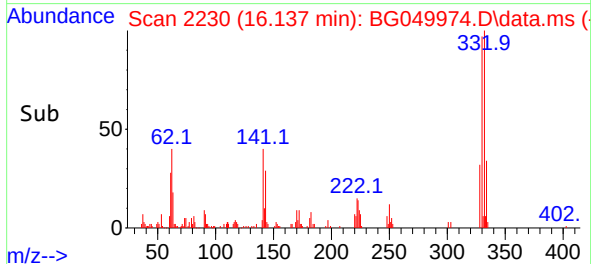
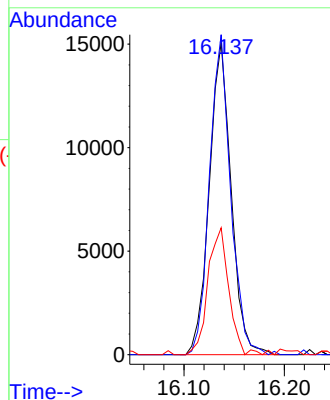
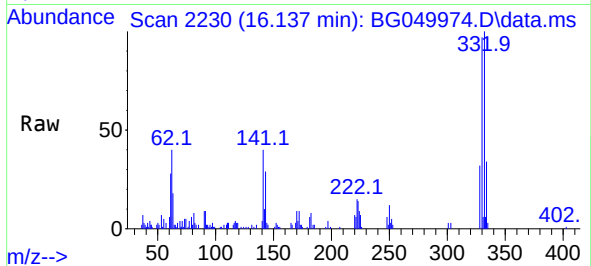
#42
2,4,6-Tribromophenol
Concen: 18.905 ng
RT: 16.137 min Scan# 2230
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

Tgt Ion:330 Resp: 22861
Ion Ratio Lower Upper
330 100
332 99.1 77.3 115.9
141 38.7 35.6 53.4

Instrument :
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ClientSampleId :
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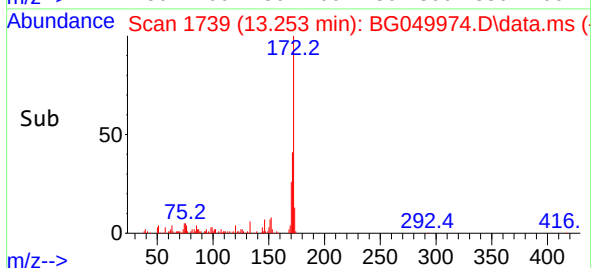
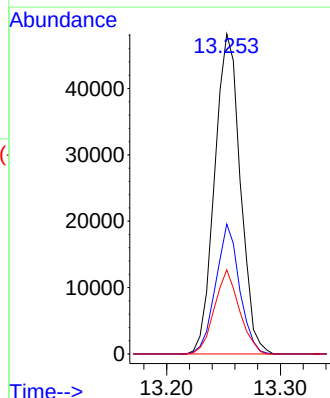
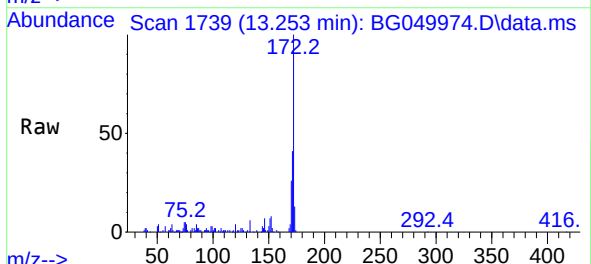
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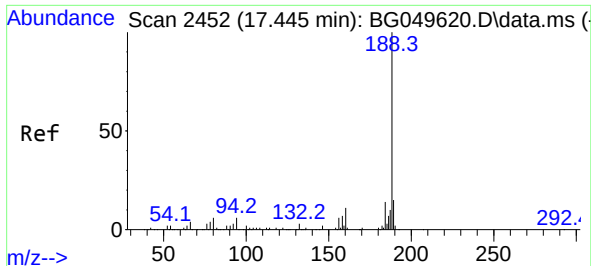
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#45
2-Fluorobiphenyl
Concen: 13.375 ng
RT: 13.253 min Scan# 1739
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

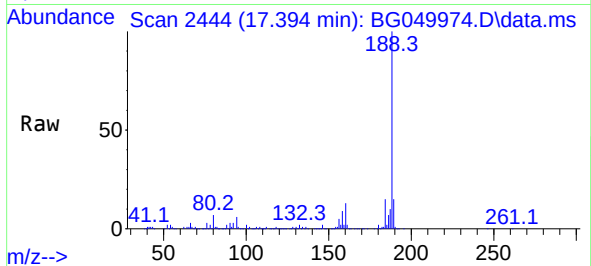
Tgt Ion:172 Resp: 75620
Ion Ratio Lower Upper
172 100
171 40.6 28.6 43.0
170 26.3 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.394 min Scan# 2444
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

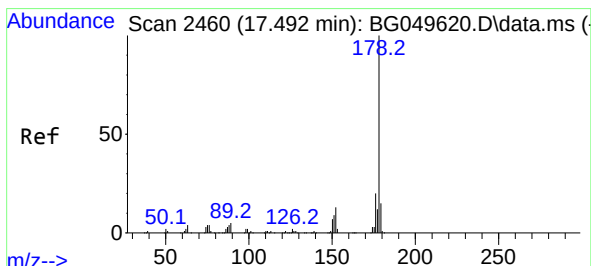
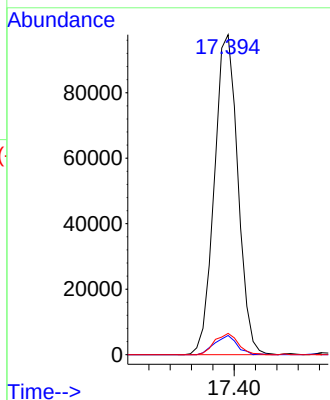
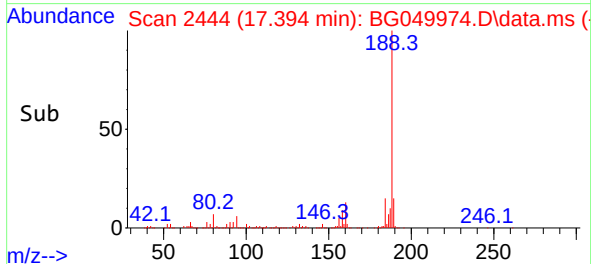
Instrument :
BNA_G
ClientSampleId :
PL-01-082421



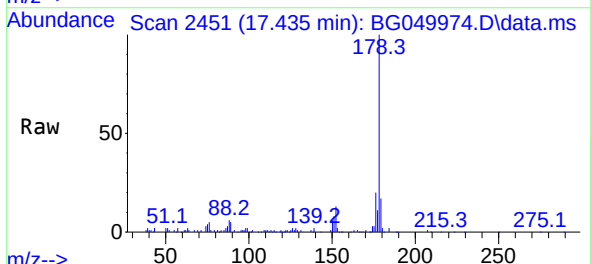
Tgt Ion:188 Resp: 149293
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 6.7 3.7 5.5#

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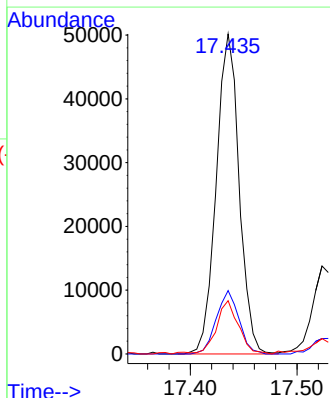
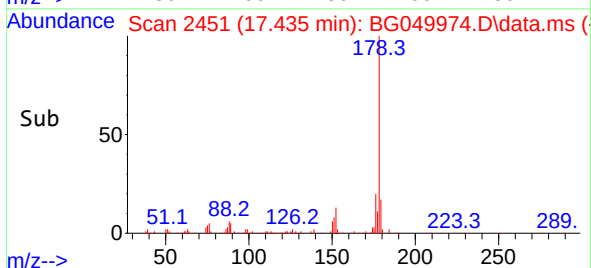
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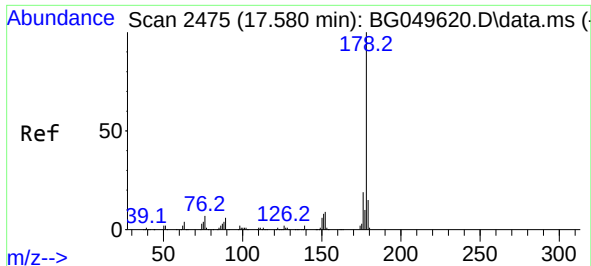


#71
Phenanthrene
Concen: 9.526 ng
RT: 17.435 min Scan# 2451
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59



Tgt Ion:178 Resp: 74823
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.7 14.2 21.4





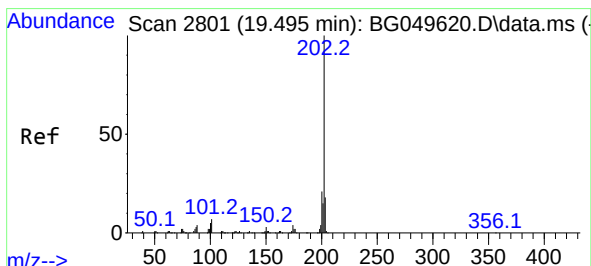
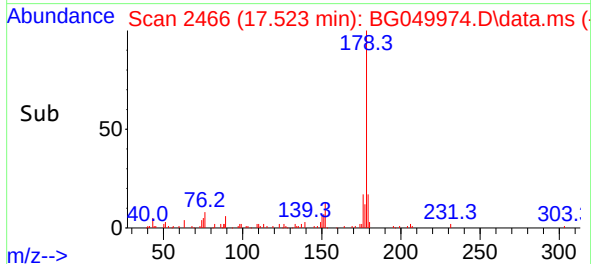
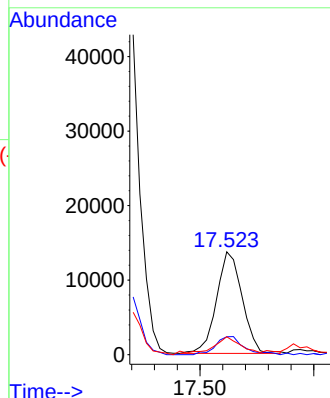
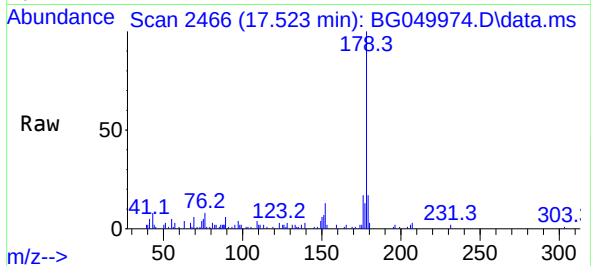
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 Anthracene
 Concen: 2.777 ng
 RT: 17.523 min Scan# 2466
 Delta R.T. -0.014 min
 Lab File: BG049974.D
 Acq: 25 Aug 2021 18:59

Tgt Ion:	178	Resp:	21419
Ion Ratio	Lower	Upper	
178	100		
176	17.5	14.6	21.8
179	17.4	13.4	20.0

Instrument :
 BNA_G
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 PL-01-082421

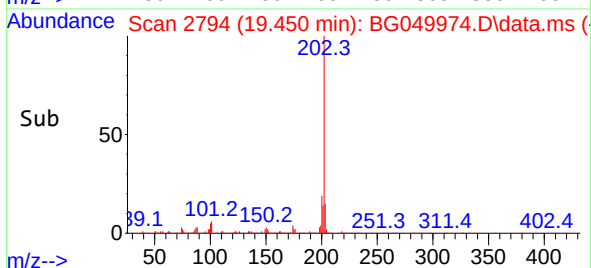
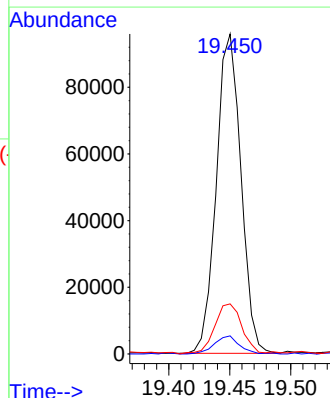
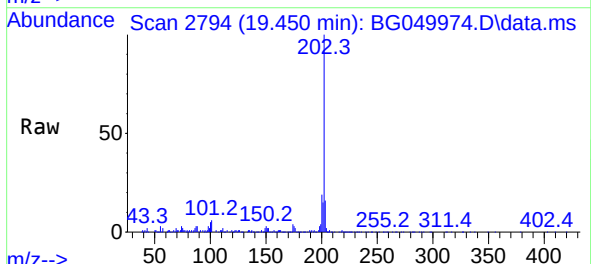
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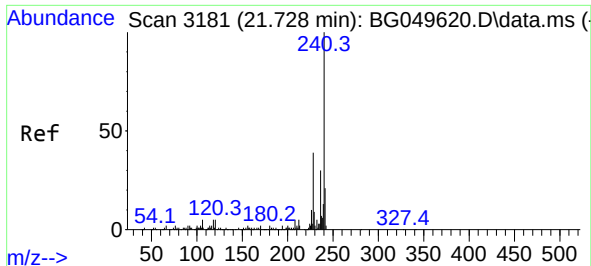
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#75
 Fluoranthene
 Concen: 13.918 ng
 RT: 19.450 min Scan# 2794
 Delta R.T. -0.008 min
 Lab File: BG049974.D
 Acq: 25 Aug 2021 18:59

Tgt Ion:	202	Resp:	134523
Ion Ratio	Lower	Upper	
202	100		
101	5.6	0.0	24.7
203	15.7	0.0	38.5





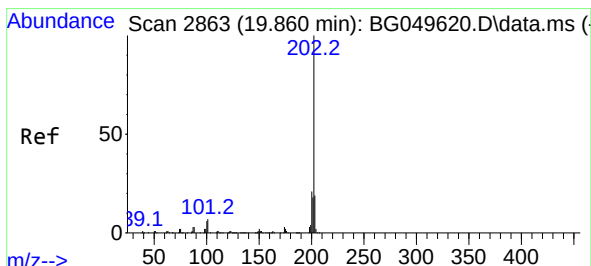
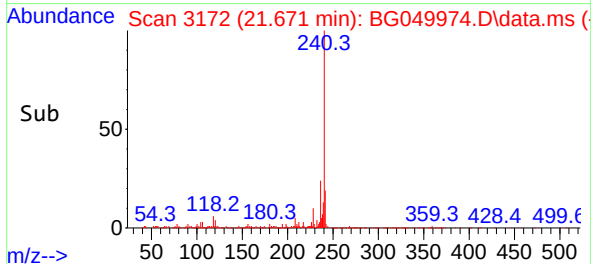
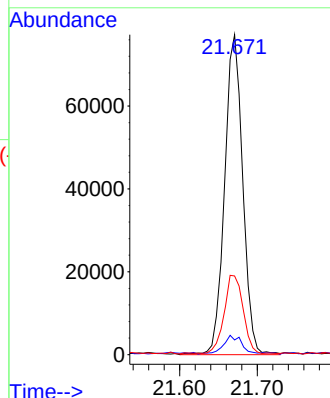
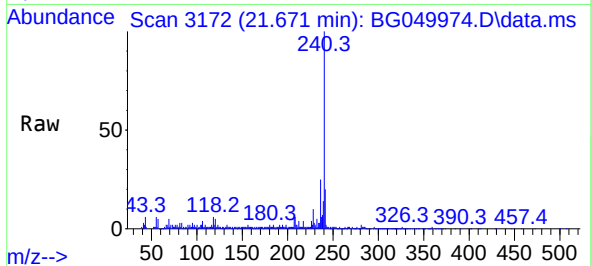
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.671 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

Tgt Ion:240 Resp: 125786
Ion Ratio Lower Upper
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120 4.6 4.2 6.2
236 24.6 21.8 32.6

Instrument :
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ClientSampleId :
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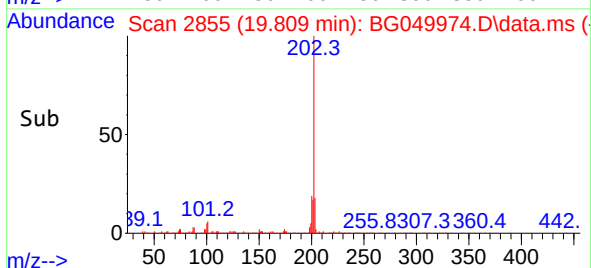
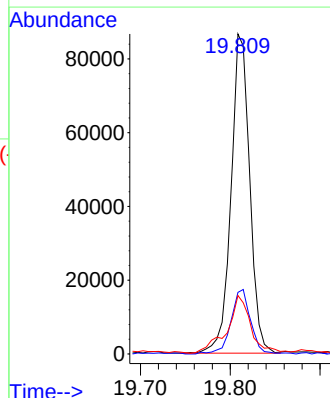
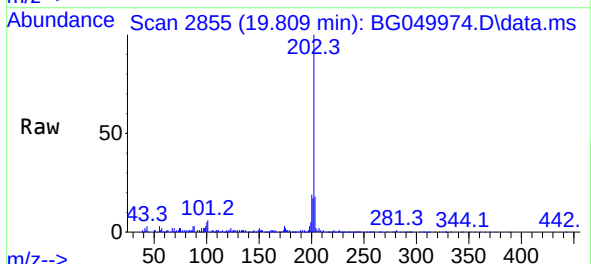
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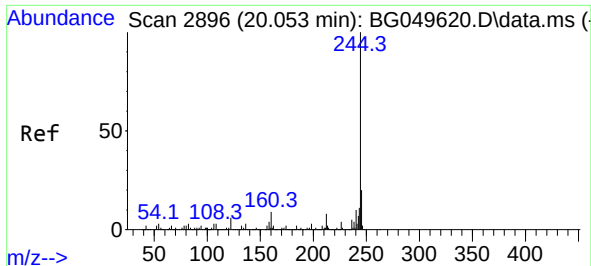
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#78
Pyrene
Concen: 14.566 ng
RT: 19.809 min Scan# 2855
Delta R.T. -0.008 min
Lab File: BG049974.D
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Tgt Ion:202 Resp: 124908
Ion Ratio Lower Upper
202 100
200 19.3 15.8 23.8
203 18.2 14.6 21.8





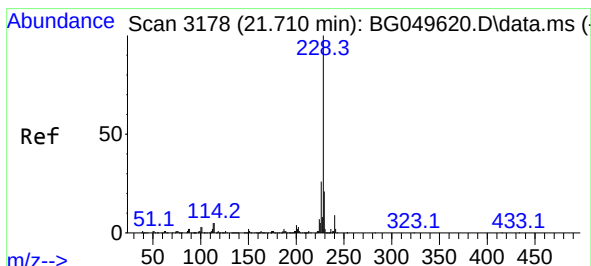
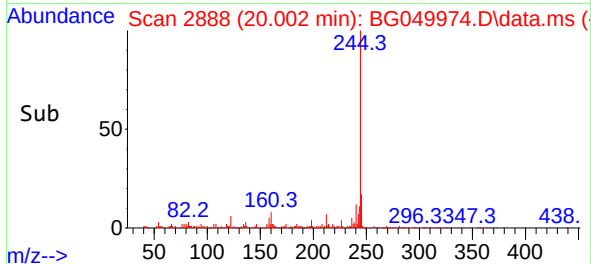
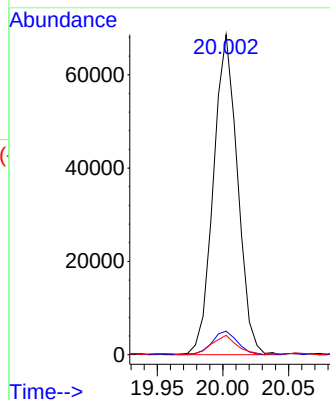
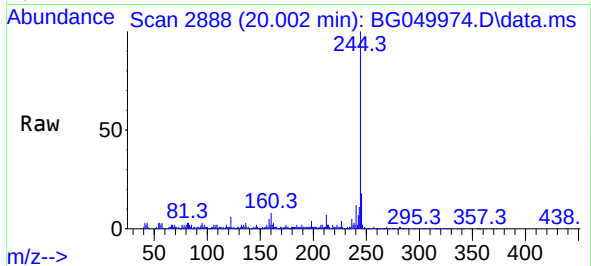
#79
Terphenyl-d14
Concen: 12.656 ng
RT: 20.002 min Scan# 2888
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

Tgt Ion:	244	Resp:	87650
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.9	10.3
122	6.1	5.0	7.6

Instrument :
BNA_G
ClientSampleId :
PL-01-082421

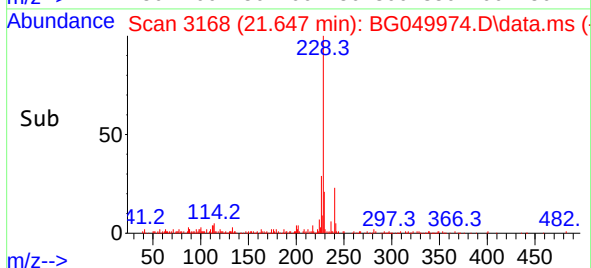
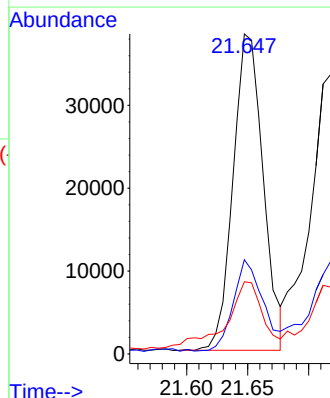
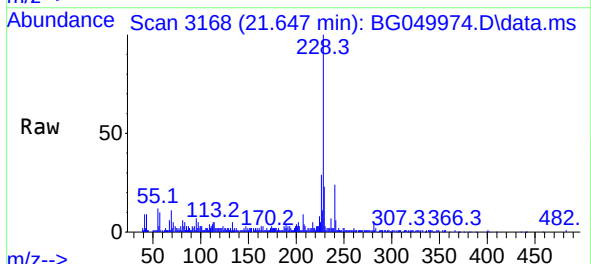
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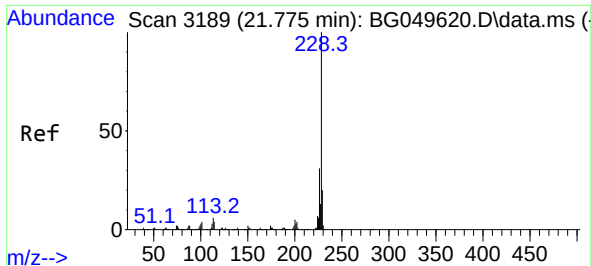
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#81
Benzo(a)anthracene
Concen: 7.998 ng
RT: 21.647 min Scan# 3168
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

Tgt Ion:	228	Resp:	65519
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.7	34.1
229	22.6	16.0	24.0





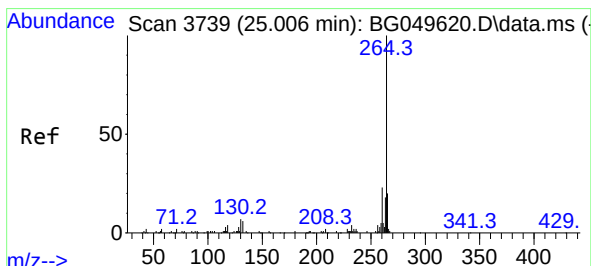
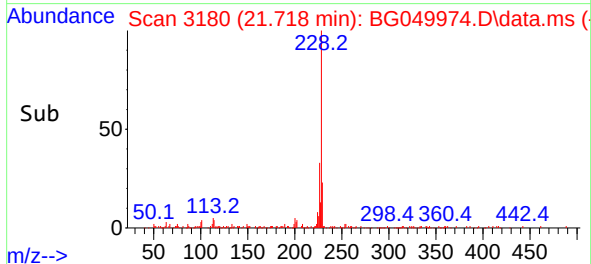
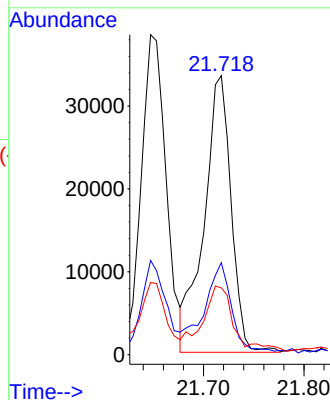
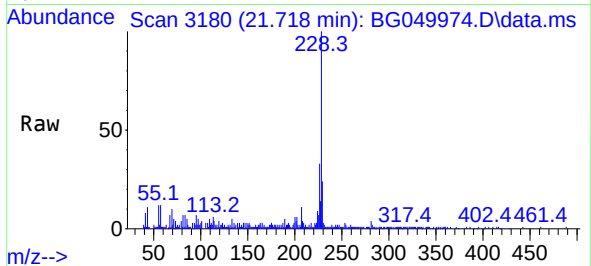
#83
Chrysene
Concen: 8.022 ng m
RT: 21.718 min Scan# 3180
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

Tgt Ion:228 Resp: 62813
Ion Ratio Lower Upper
228 100
226 33.0 23.1 34.7
229 24.0 15.3 22.9#

Instrument :
BNA_G
ClientSampleId :
PL-01-082421

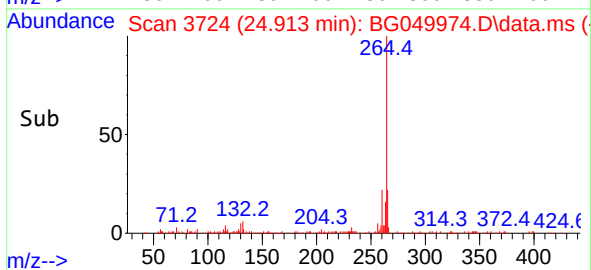
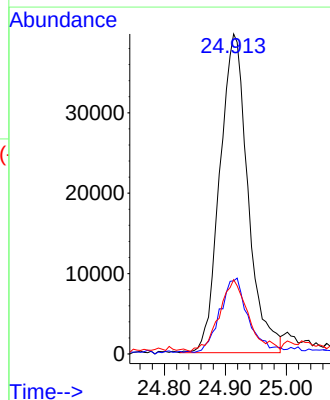
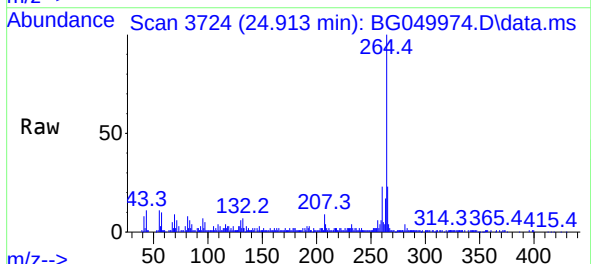
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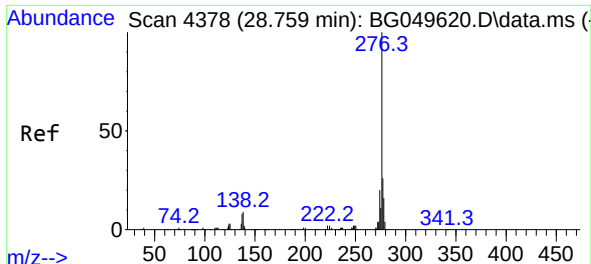
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.913 min Scan# 3724
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

Tgt Ion:264 Resp: 126953
Ion Ratio Lower Upper
264 100
260 22.8 19.4 29.2
265 23.2 16.9 25.3





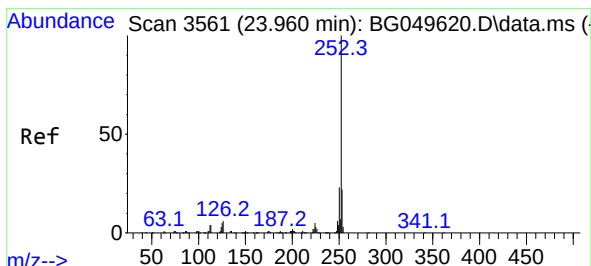
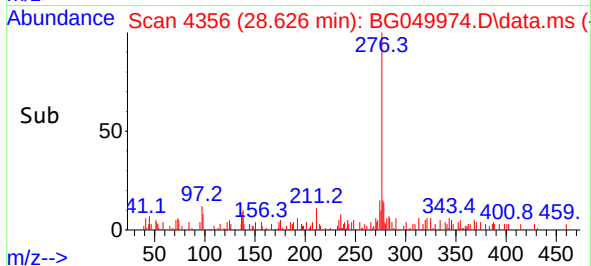
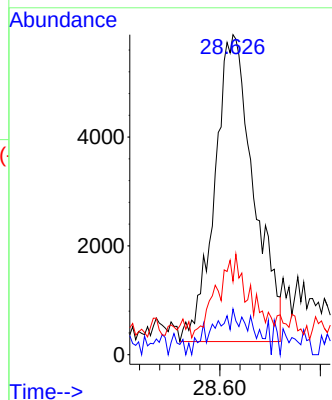
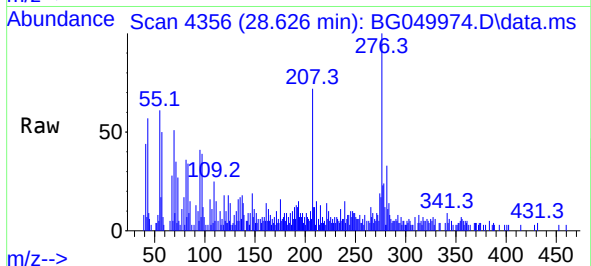
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.315 ng
RT: 28.626 min Scan# 4356
Delta R.T. -0.020 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

Tgt Ion: 276 Resp: 30349
Ion Ratio Lower Upper
276 100
138 3.0 5.1 7.7#
277 9.6 19.8 29.6#

Instrument :
BNA_G
ClientSampled :
PL-01-082421

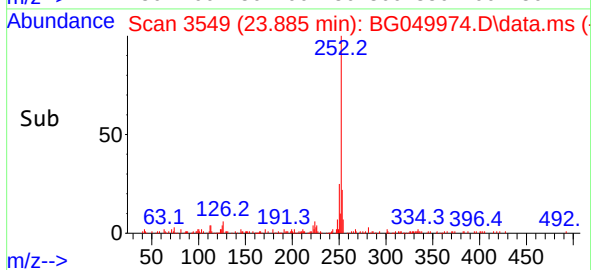
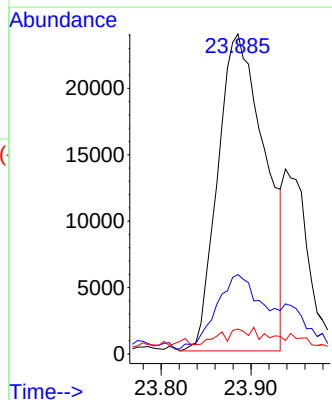
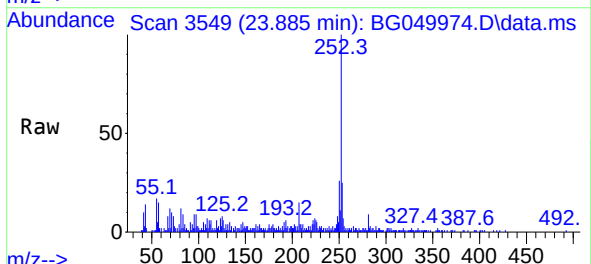
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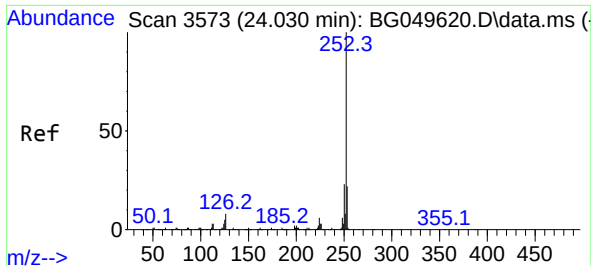
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#88
Benzo(b)fluoranthene
Concen: 10.507 ng
RT: 23.885 min Scan# 3549
Delta R.T. -0.008 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

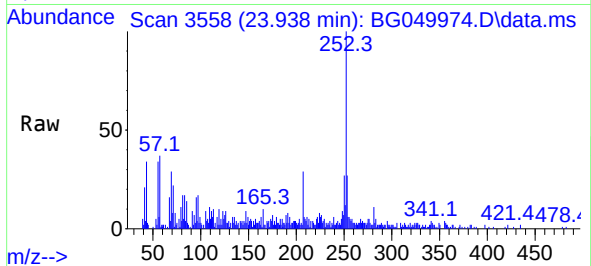
Tgt Ion: 252 Resp: 87482
Ion Ratio Lower Upper
252 100
253 24.8 16.2 24.4#
125 7.8 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 3.475 ng m
RT: 23.938 min Scan# 3558
Delta R.T. -0.020 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

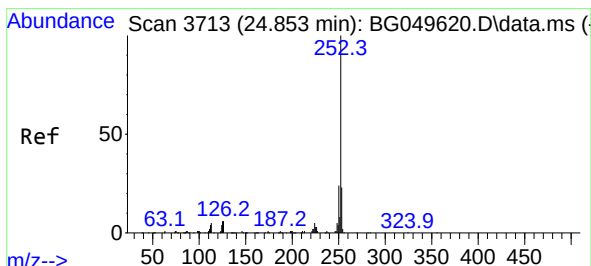
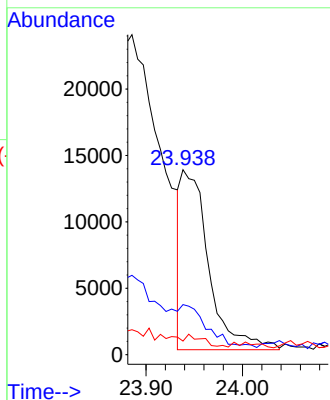
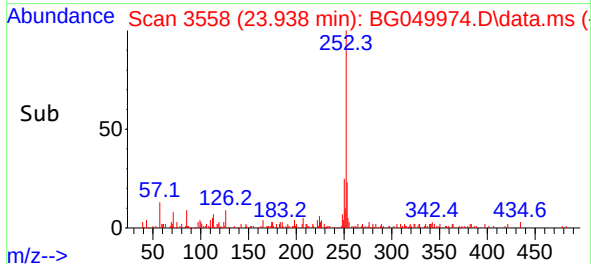
Instrument :
BNA_G
ClientSampleId :
PL-01-082421



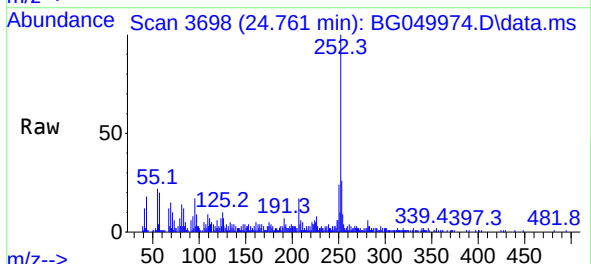
Tgt Ion:252 Resp: 26985
Ion Ratio Lower Upper
252 100
253 27.0 18.0 27.0#
125 7.4 3.1 4.7#

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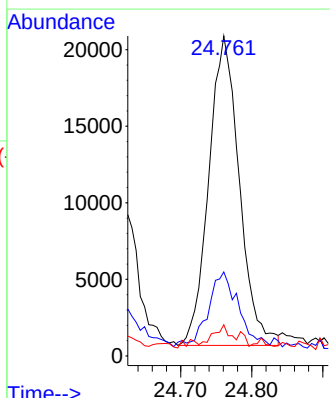
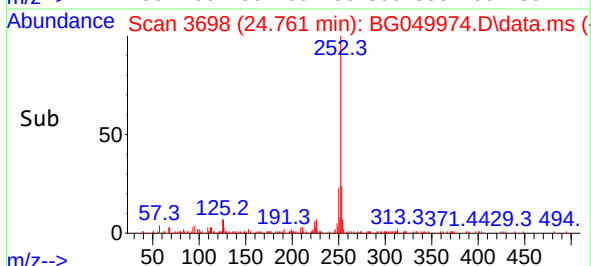
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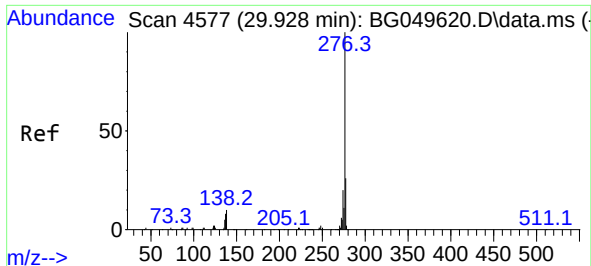


#90
Benzo(a)pyrene
Concen: 7.977 ng
RT: 24.761 min Scan# 3698
Delta R.T. -0.014 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59



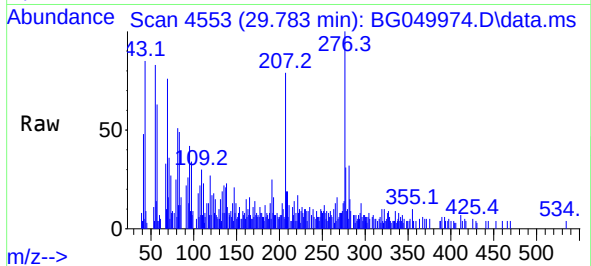
Tgt Ion:252 Resp: 60111
Ion Ratio Lower Upper
252 100
253 26.3 16.6 25.0#
125 9.8 3.5 5.3#





#92
Benzo(g,h,i)perylene
Concen: 3.272 ng
RT: 29.783 min Scan# 4553
Delta R.T. -0.032 min
Lab File: BG049974.D
Acq: 25 Aug 2021 18:59

Instrument :
BNA_G
ClientSampleId :
PL-01-082421



Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.5	18.4	27.6#
138	23.2	7.0	10.6#

Manual Integrations
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