

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055284.D
 Acq On : 25 Oct 2022 20:41
 Operator : CG/JU
 Sample : N5253-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124019

Quant Time: Oct 26 14:46:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

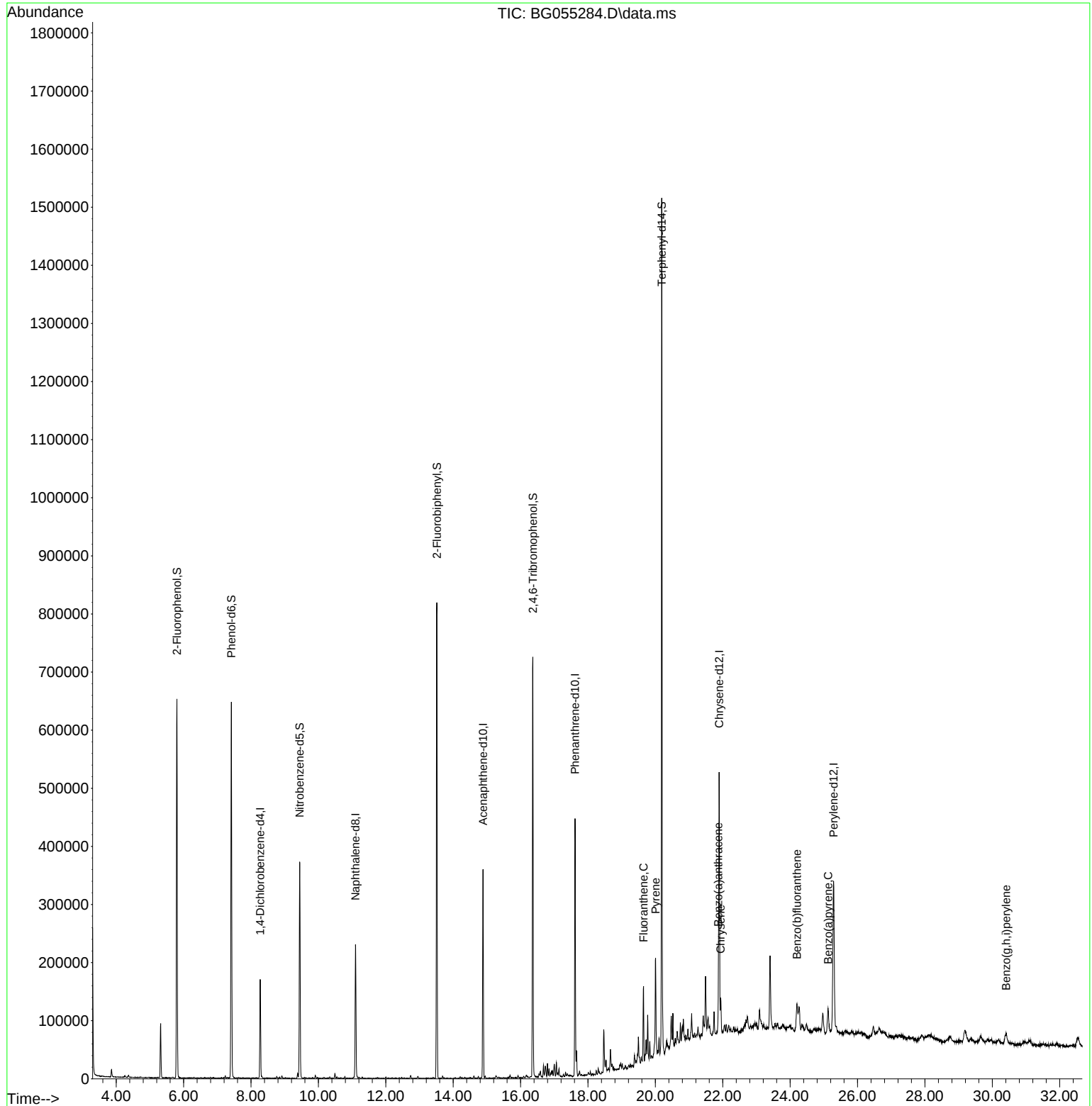
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	47415	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	197889	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	122032	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	265265	20.000	ng	0.00
76) Chrysene-d12	21.893	240	251109	20.000	ng	0.00
86) Perylene-d12	25.289	264	265812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	289241	106.813	ng	0.00
7) Phenol-d6	7.415	99	385725	98.320	ng	0.00
23) Nitrobenzene-d5	9.442	82	241312	62.268	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	133912	100.944	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	422718	56.697	ng	0.00
79) Terphenyl-d14	20.189	244	657964	54.440	ng	0.00
Target Compounds						
75) Fluoranthene	19.648	202	78876	4.785	ng	Qvalue 99
78) Pyrene	20.006	202	80413	4.672	ng	98
81) Benzo(a)anthracene	21.869	228	39235	2.327	ng	99
83) Chrysene	21.940	228	44049	2.750	ng	97
88) Benzo(b)fluoranthene	24.202	252	61051	3.818	ng	# 96
90) Benzo(a)pyrene	25.124	252	42098	3.070	ng	# 96
92) Benzo(g,h,i)perylene	30.412	276	35196	2.202	ng	96

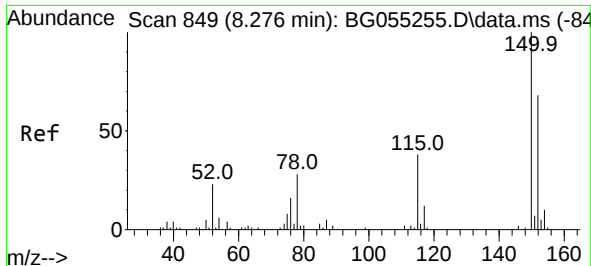
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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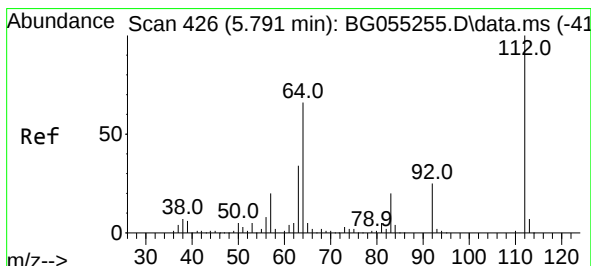
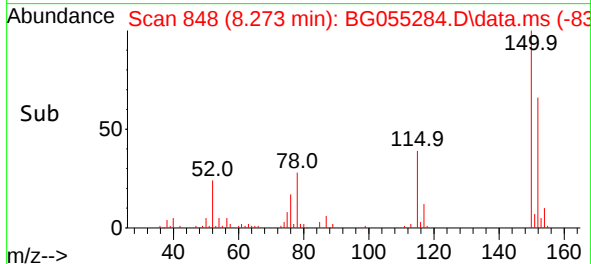
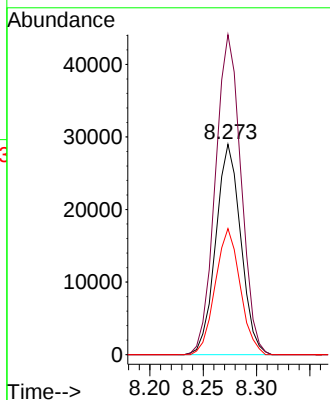
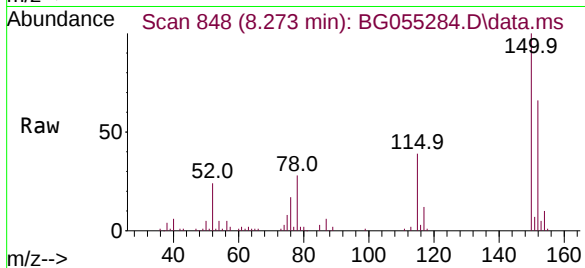




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.273 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

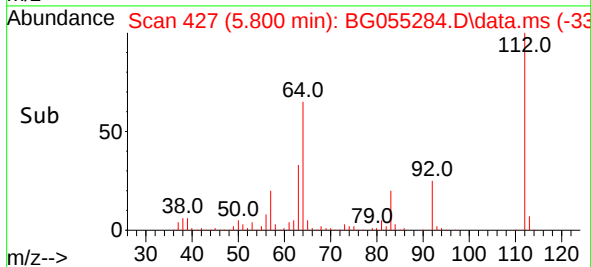
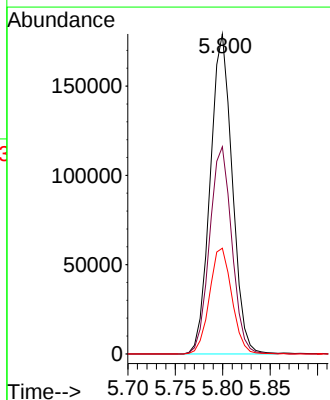
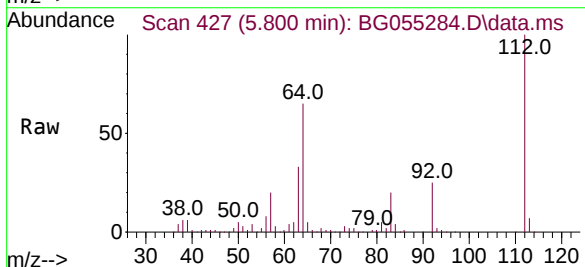
Instrument :
BNA_G
ClientSampleId :
124019

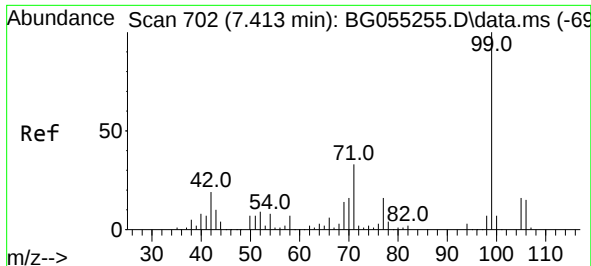
Tgt Ion:152 Resp: 47415
Ion Ratio Lower Upper
152 100
150 152.2 118.2 177.4
115 59.9 44.5 66.7



#5
2-Fluorophenol
Concen: 106.813 ng
RT: 5.800 min Scan# 427
Delta R.T. 0.009 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

Tgt Ion:112 Resp: 289241
Ion Ratio Lower Upper
112 100
64 64.7 52.6 78.8
63 33.1 27.1 40.7

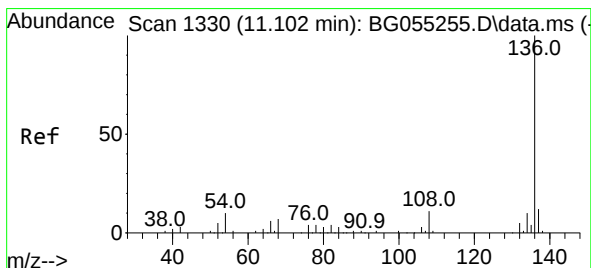
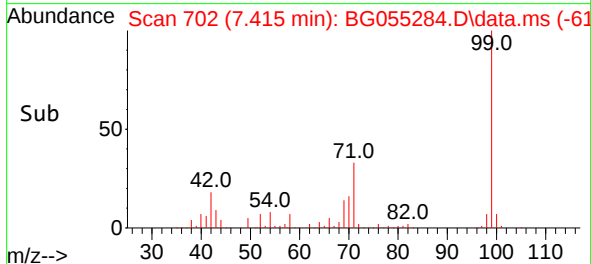
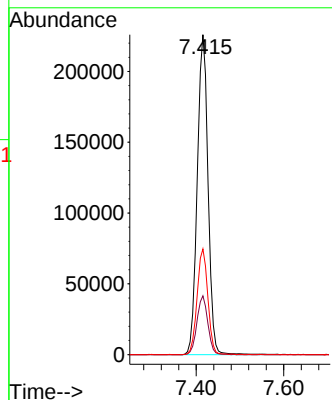
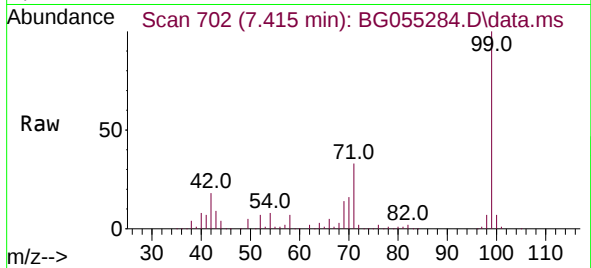




#7
Phenol-d6
Concen: 98.320 ng
RT: 7.415 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

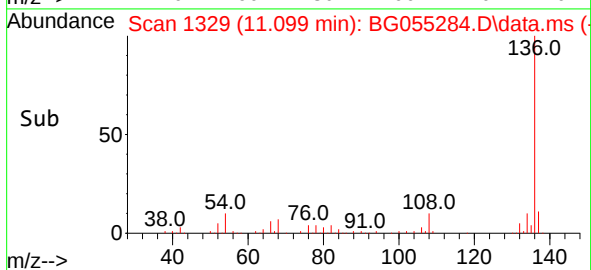
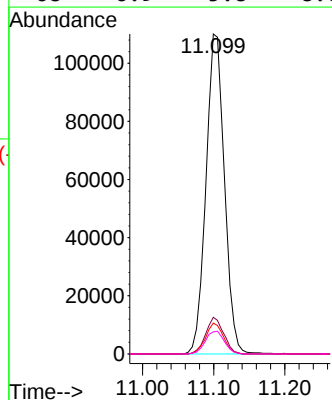
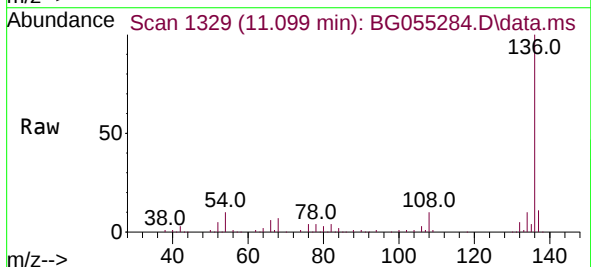
Instrument :
BNA_G
ClientSampleId :
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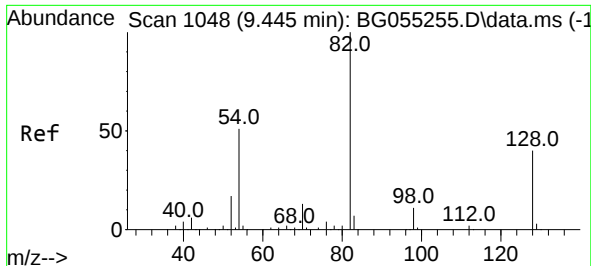
Tgt Ion: 99 Resp: 385725
Ion Ratio Lower Upper
99 100
42 18.4 15.2 22.8
71 33.1 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

Tgt Ion:136 Resp: 197889
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 9.6 7.8 11.8
68 6.9 5.8 8.6





#23

Nitrobenzene-d5

Concen: 62.268 ng

RT: 9.442 min Scan# 1048

Delta R.T. -0.003 min

Lab File: BG055284.D

Acq: 25 Oct 2022 20:41

Instrument :

BNA_G

ClientSampleId :

124019

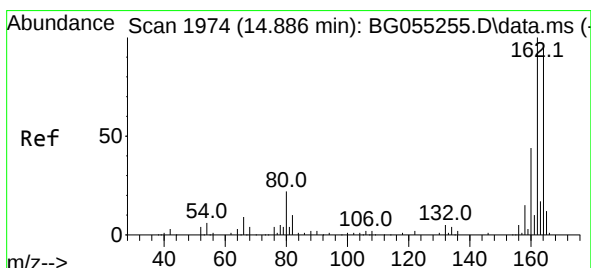
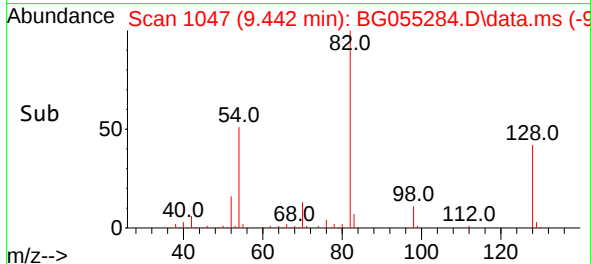
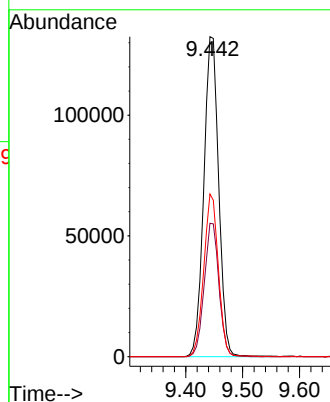
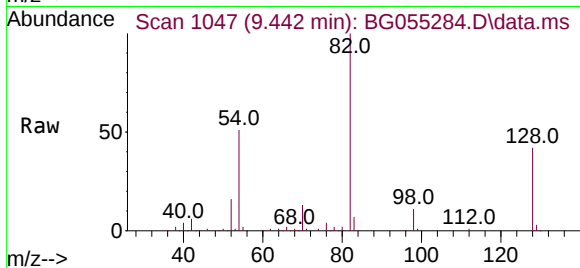
Tgt Ion: 82 Resp: 241312

Ion Ratio Lower Upper

82 100

128 41.7 32.0 48.0

54 50.8 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.883 min Scan# 1973

Delta R.T. -0.003 min

Lab File: BG055284.D

Acq: 25 Oct 2022 20:41

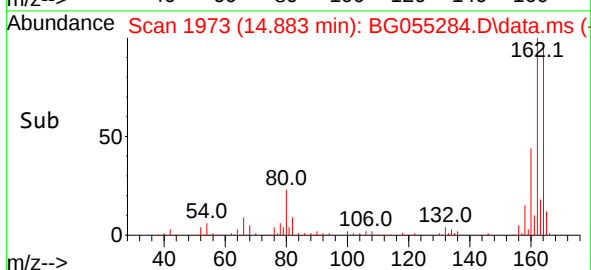
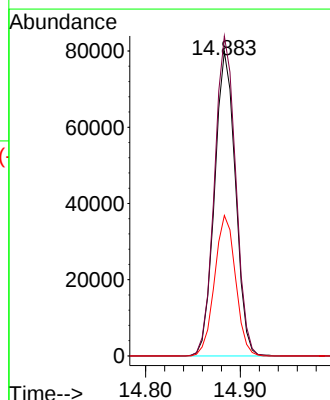
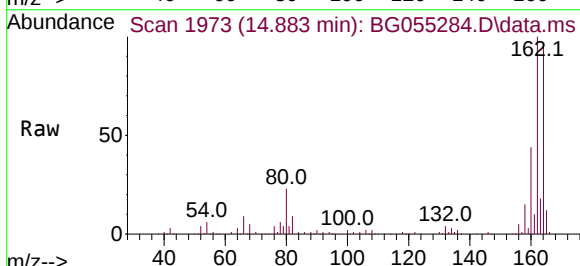
Tgt Ion:164 Resp: 122032

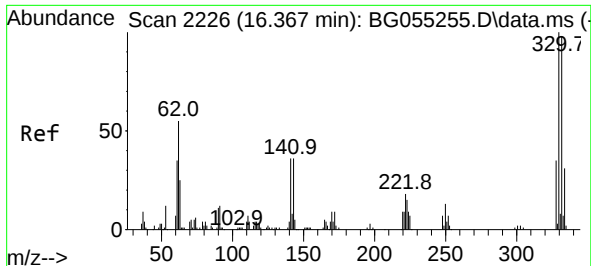
Ion Ratio Lower Upper

164 100

162 105.2 84.0 126.0

160 46.2 36.7 55.1

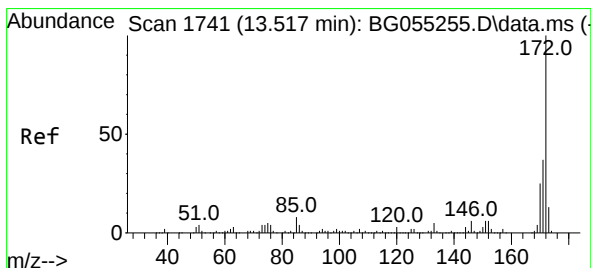
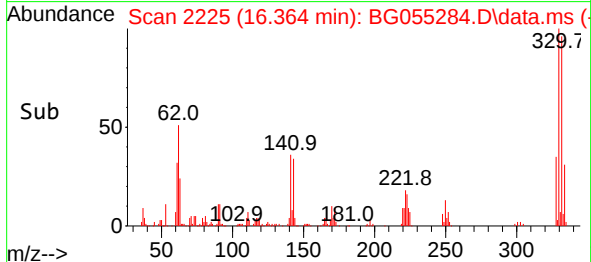
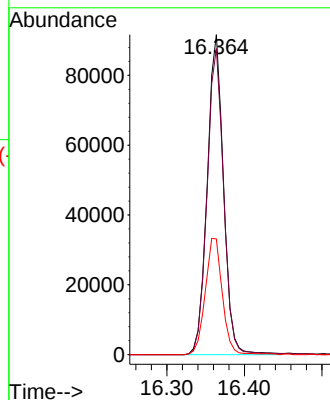
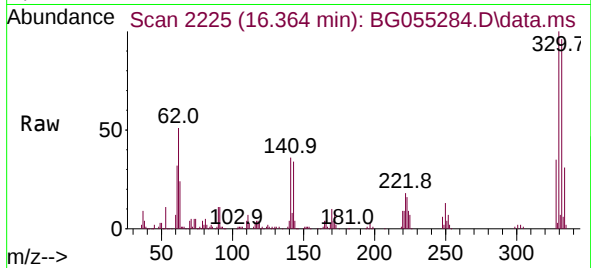




#42
2,4,6-Tribromophenol
Concen: 100.944 ng
RT: 16.364 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

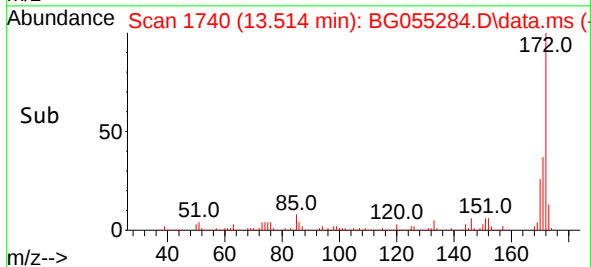
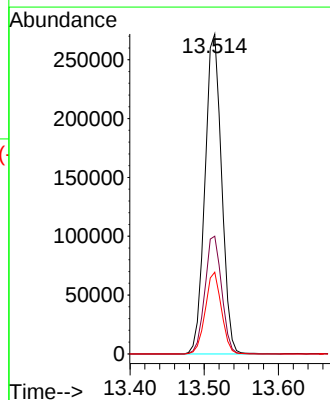
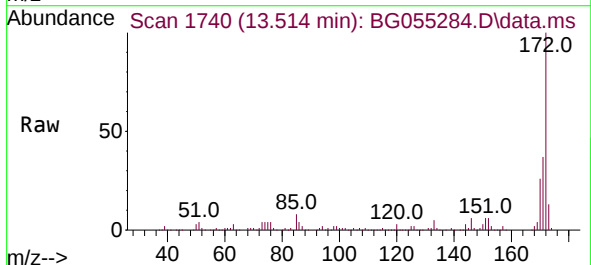
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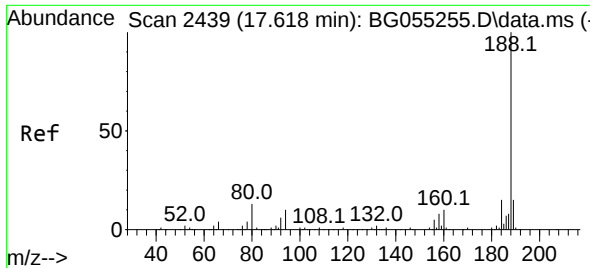
Tgt Ion:330 Resp: 133912
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 38.0 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 56.697 ng
RT: 13.514 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

Tgt Ion:172 Resp: 422718
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 25.5 20.2 30.2

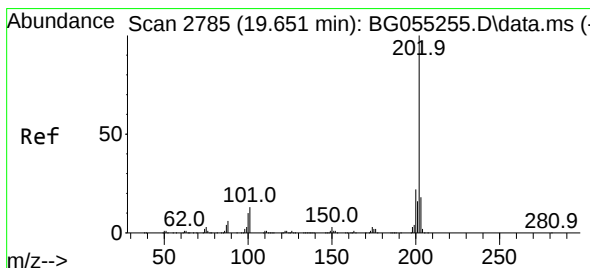
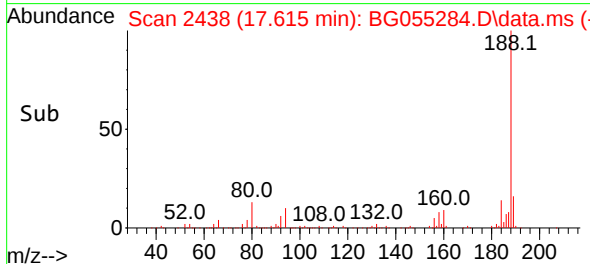
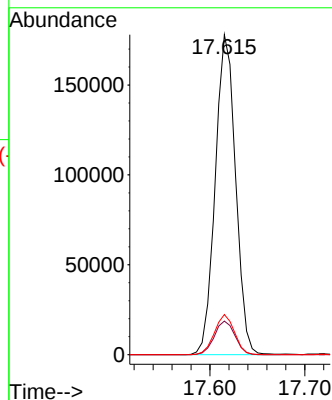
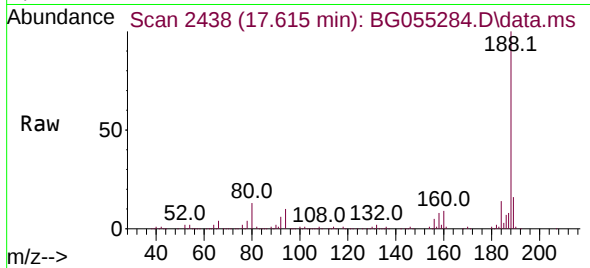




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

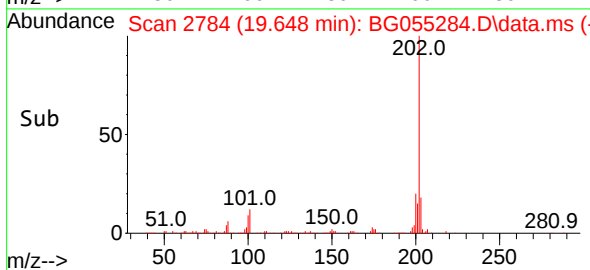
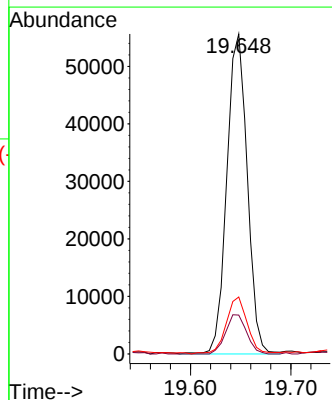
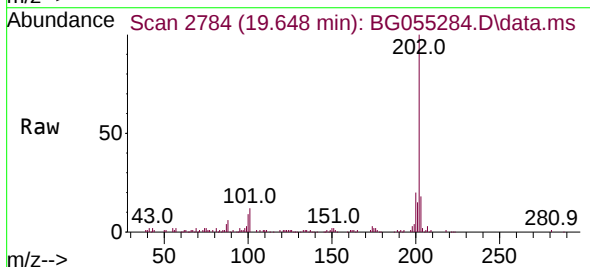
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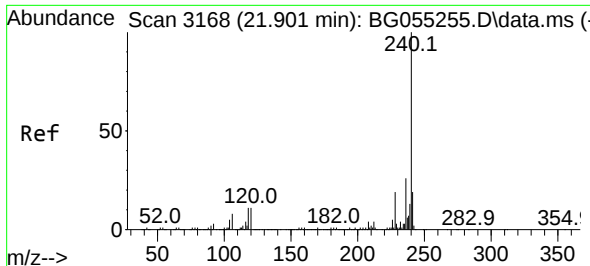
Tgt Ion:188 Resp: 265265
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.4
80 12.5 10.1 15.1



#75
Fluoranthene
Concen: 4.785 ng
RT: 19.648 min Scan# 2784
Delta R.T. -0.003 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

Tgt Ion:202 Resp: 78876
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.6
203 17.8 0.0 38.3

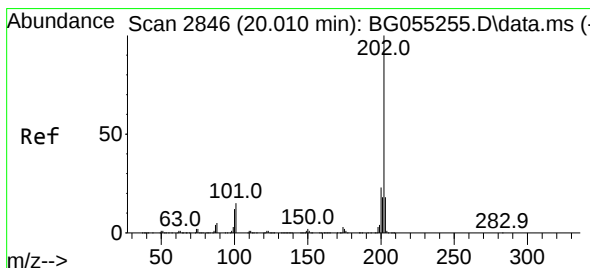
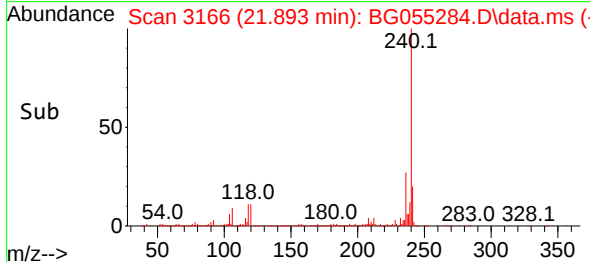
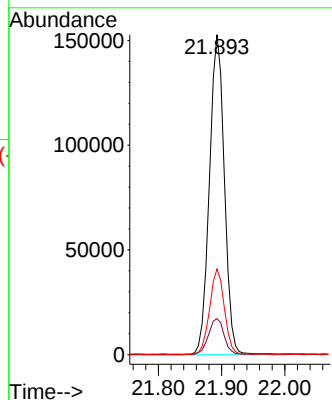
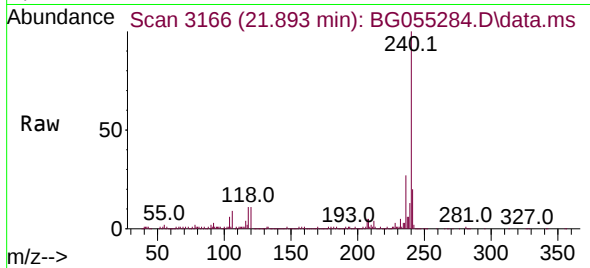




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3168
Delta R.T. -0.009 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

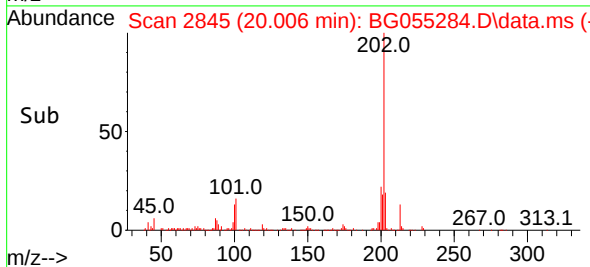
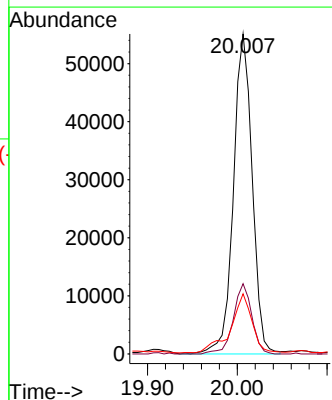
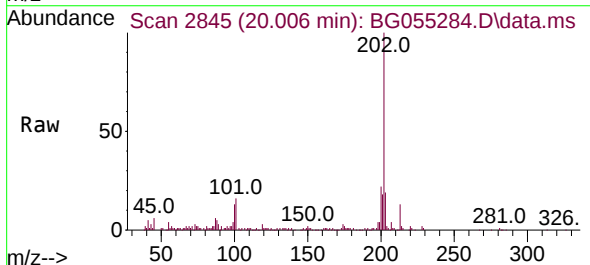
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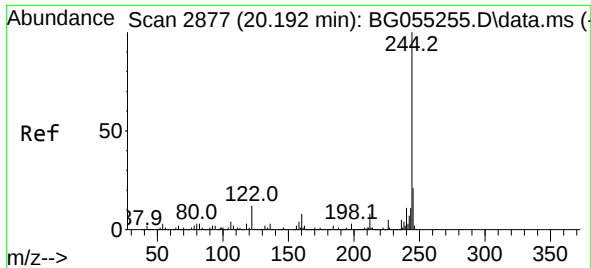
Tgt Ion:240 Resp: 251109
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.7 21.0 31.4



#78
Pyrene
Concen: 4.672 ng
RT: 20.006 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

Tgt Ion:202 Resp: 80413
Ion Ratio Lower Upper
202 100
200 21.9 18.0 27.0
203 18.8 14.3 21.5

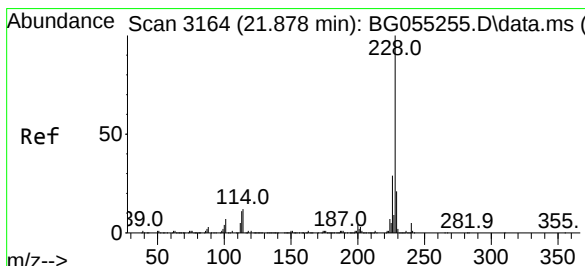
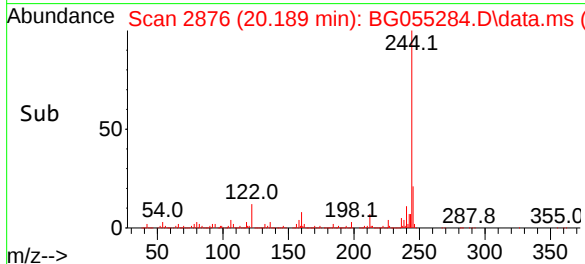
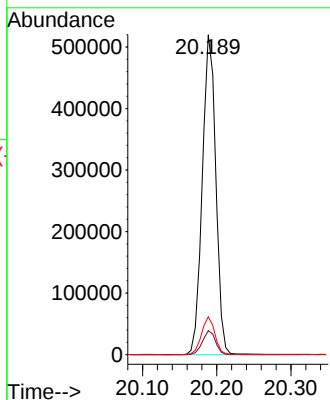
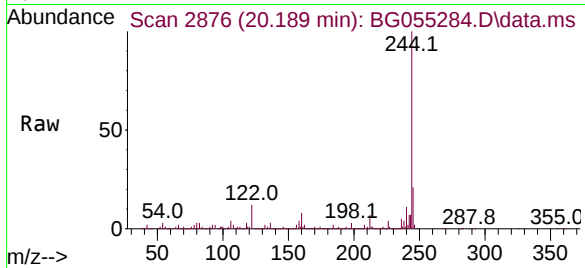




#79
 Terphenyl-d14
 Concen: 54.440 ng
 RT: 20.189 min Scan# 2876
 Delta R.T. -0.003 min
 Lab File: BG055284.D
 Acq: 25 Oct 2022 20:41

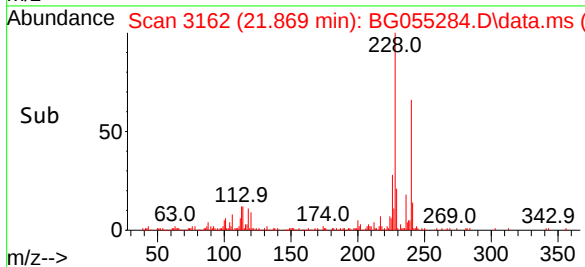
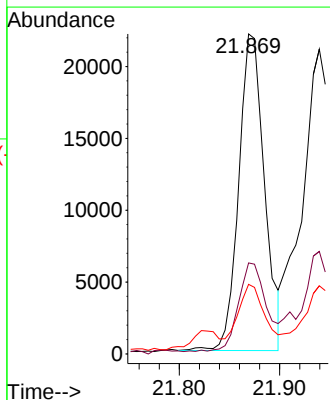
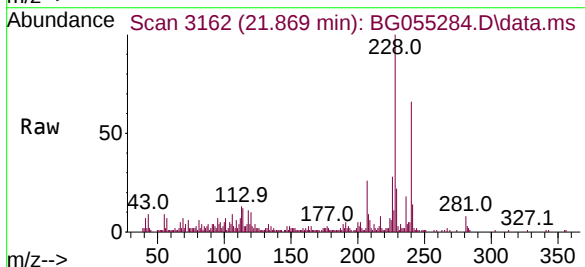
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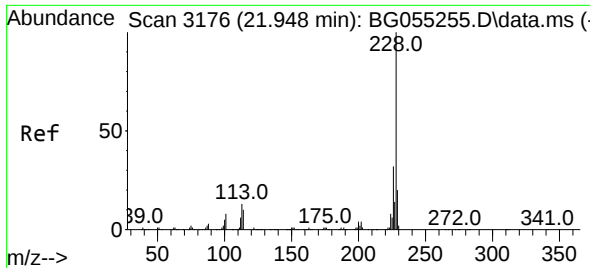
Tgt Ion:244 Resp: 657964
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 11.8 9.6 14.4



#81
 Benzo(a)anthracene
 Concen: 2.327 ng
 RT: 21.869 min Scan# 3162
 Delta R.T. -0.009 min
 Lab File: BG055284.D
 Acq: 25 Oct 2022 20:41

Tgt Ion:228 Resp: 39235
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.9 34.3
 229 21.7 16.7 25.1

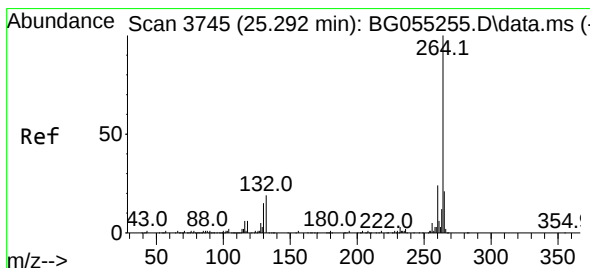
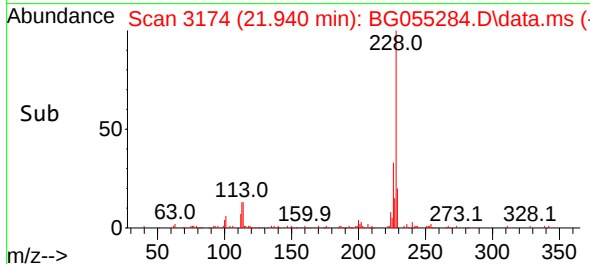
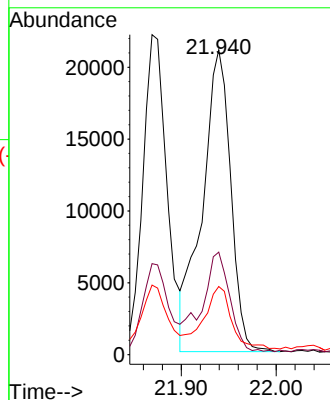
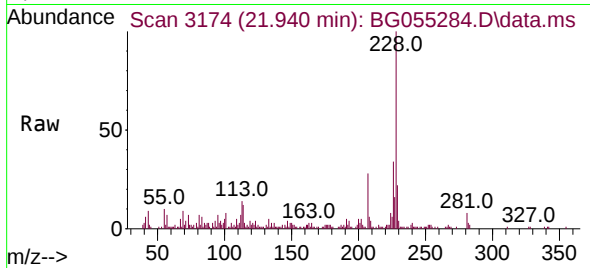




#83
Chrysene
Concen: 2.750 ng
RT: 21.940 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

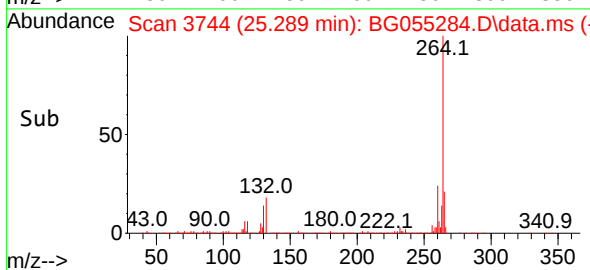
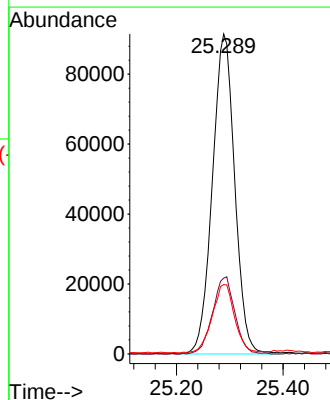
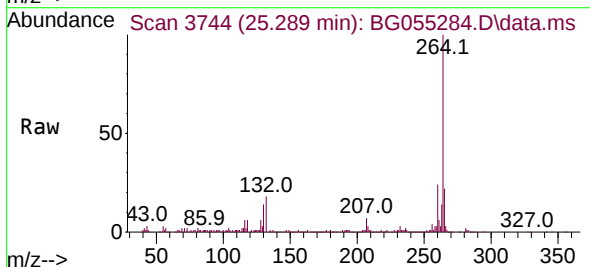
Instrument :
BNA_G
ClientSampleId :
124019

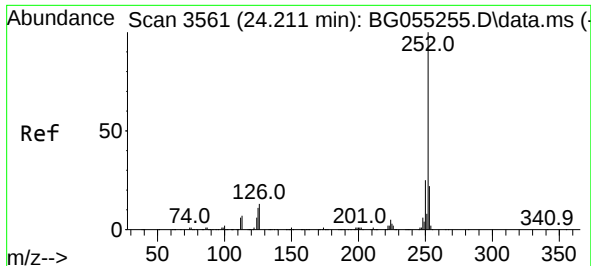
Tgt Ion:228 Resp: 44049
Ion Ratio Lower Upper
228 100
226 33.6 25.8 38.8
229 22.3 16.3 24.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.289 min Scan# 3744
Delta R.T. -0.003 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

Tgt Ion:264 Resp: 265812
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.7 17.4 26.2

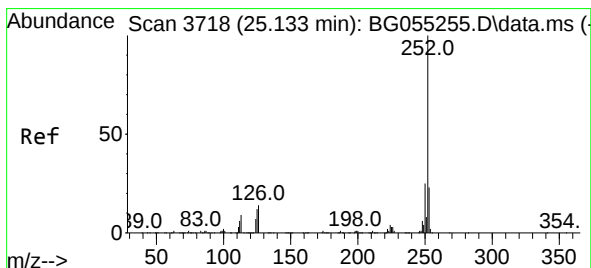
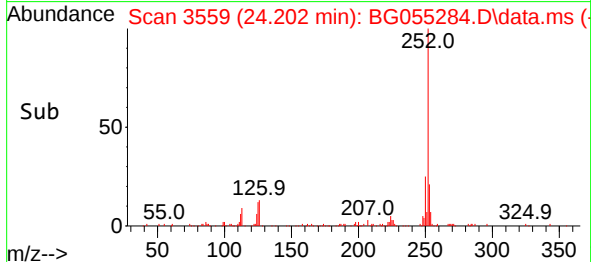
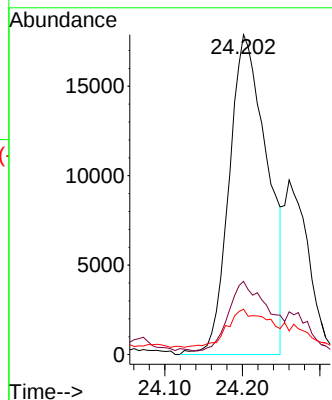
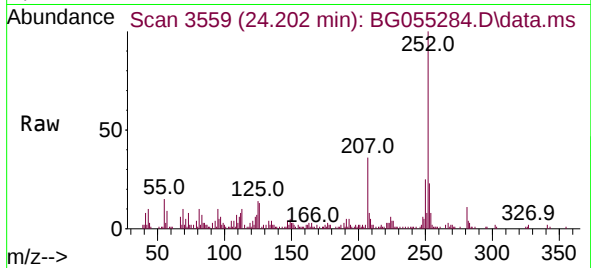




#88
Benzo(b)fluoranthene
Concen: 3.818 ng
RT: 24.202 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

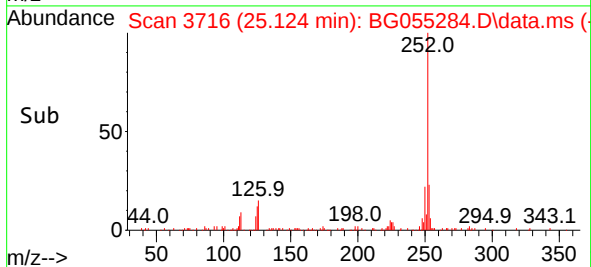
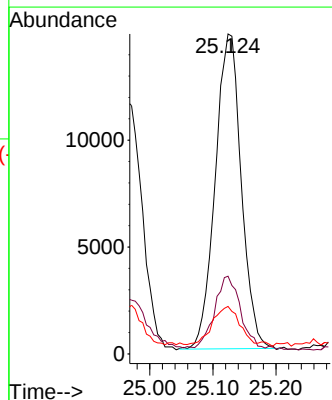
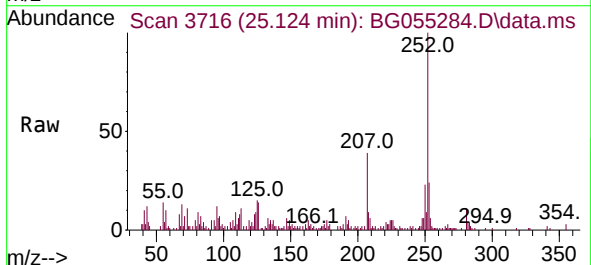
Instrument :
BNA_G
ClientSampleId :
124019

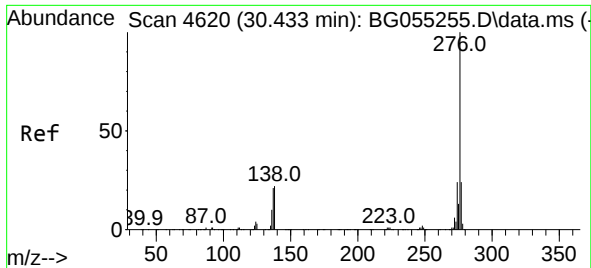
Tgt Ion:252 Resp: 61051
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 14.2 9.0 13.4#



#90
Benzo(a)pyrene
Concen: 3.070 ng
RT: 25.124 min Scan# 3716
Delta R.T. -0.009 min
Lab File: BG055284.D
Acq: 25 Oct 2022 20:41

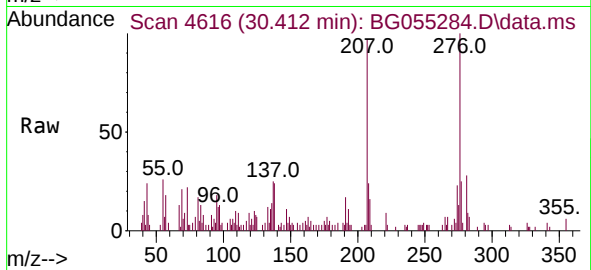
Tgt Ion:252 Resp: 42098
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.2
125 14.8 9.8 14.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.202 ng
 RT: 30.412 min Scan# 4616
 Delta R.T. -0.021 min
 Lab File: BG055284.D
 Acq: 25 Oct 2022 20:41

Instrument :
 BNA_G
 ClientSampleId :
 124019



Tgt Ion:	276	Resp:	35196
Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.1	28.7
138	24.2	17.2	25.8

