

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
 Data File : BG055477.D
 Acq On : 5 Nov 2022 19:38
 Operator : CG/JU
 Sample : N5435-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PTS-TP-COMP-1103

Quant Time: Nov 07 00:58:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:51:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

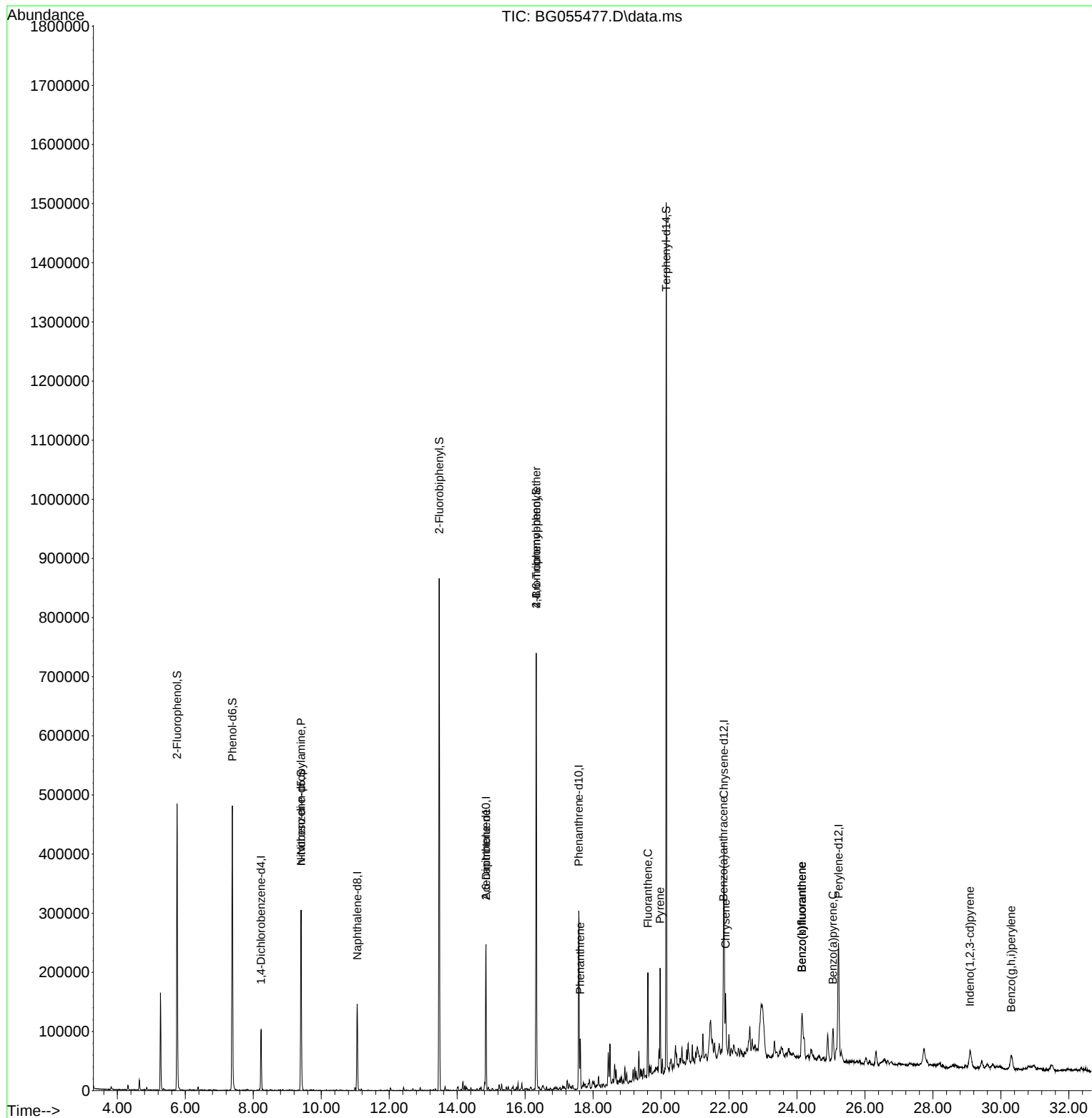
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	31313	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	128710	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	87528	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	200579	20.000	ng	0.00
76) Chrysene-d12	21.849	240	207308	20.000	ng	0.00
86) Perylene-d12	25.221	264	225625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	226873	130.115	ng	0.00
7) Phenol-d6	7.384	99	301544	124.709	ng	0.00
23) Nitrobenzene-d5	9.405	82	187366	77.583	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	158002	132.341	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	457309	77.465	ng	0.00
79) Terphenyl-d14	20.151	244	764151	71.677	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.405	70	25039	13.252	ng	# 82
51) 2,6-Dinitrotoluene	14.845	165	12517	8.184	ng	# 29
67) 4-Bromophenyl-phenylether	16.326	248	10068	4.246	ng	# 1
71) Phenanthrene	17.619	178	55320	4.903	ng	99
75) Fluoranthene	19.610	202	112182	8.266	ng	99
78) Pyrene	19.969	202	114899	7.857	ng	99
81) Benzo(a)anthracene	21.831	228	69815	4.906	ng	97
83) Chrysene	21.896	228	74497	5.487	ng	97
87) Indeno(1,2,3-cd)pyrene	29.087	276	46323	2.557	ng	# 83
88) Benzo(b)fluoranthene	24.140	252	88484	6.174	ng	97
89) Benzo(k)fluoranthene	24.140	252	88484	6.144	ng	98
90) Benzo(a)pyrene	25.057	252	65372	5.275	ng	98
92) Benzo(g,h,i)perylene	30.304	276	49116	3.304	ng	97

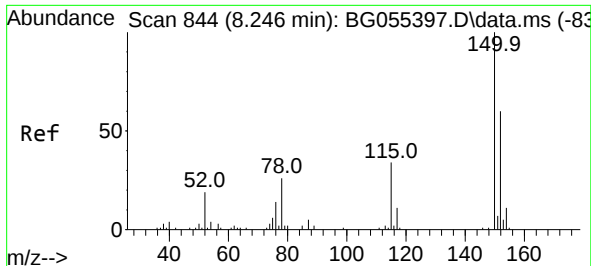
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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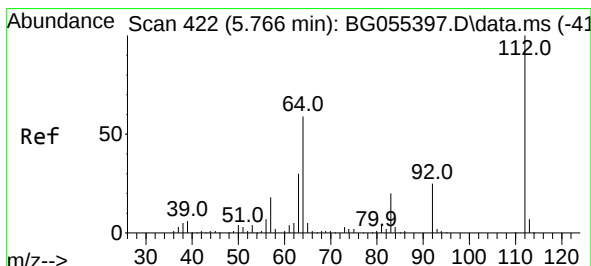
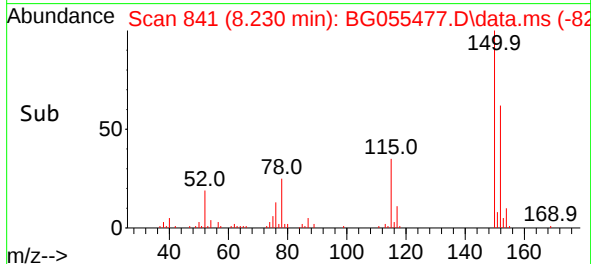
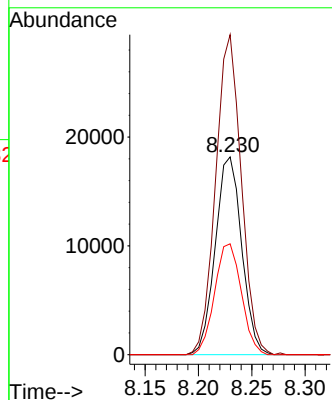
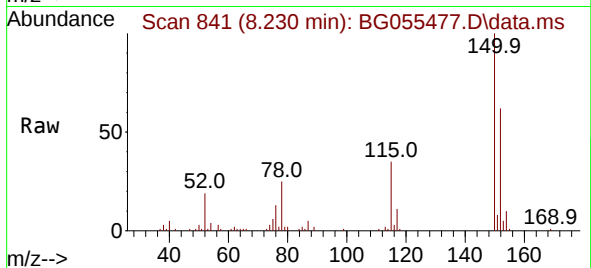




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.230 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BG055477.D
 Acq: 5 Nov 2022 19:38

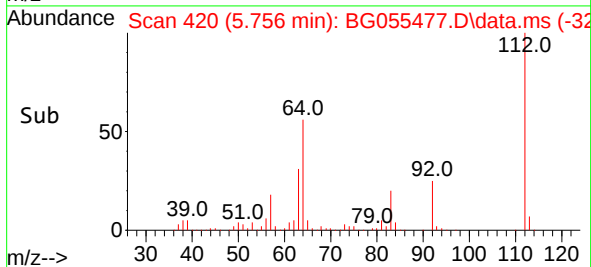
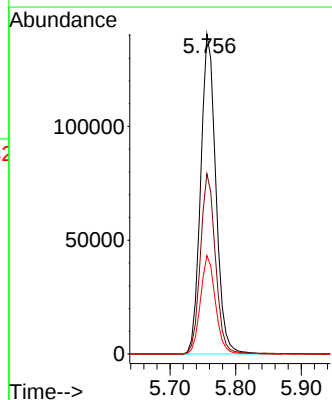
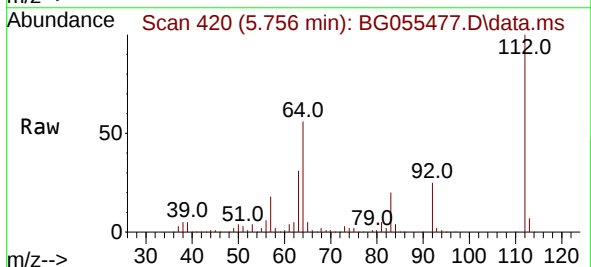
Instrument :
 BNA_G
 ClientSampleId :
 PTS-TP-COMP-1103

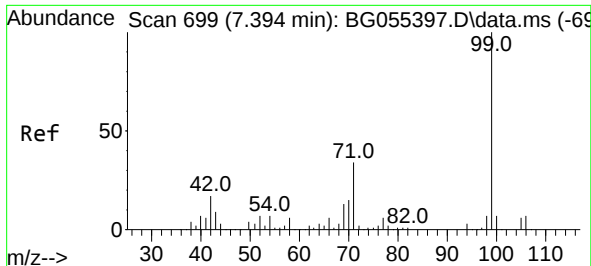
Tgt Ion:152 Resp: 31313
 Ion Ratio Lower Upper
 152 100
 150 161.8 132.8 199.2
 115 56.1 45.1 67.7



#5
 2-Fluorophenol
 Concen: 130.115 ng
 RT: 5.756 min Scan# 420
 Delta R.T. 0.006 min
 Lab File: BG055477.D
 Acq: 5 Nov 2022 19:38

Tgt Ion:112 Resp: 226873
 Ion Ratio Lower Upper
 112 100
 64 56.3 47.2 70.8
 63 30.7 24.3 36.5

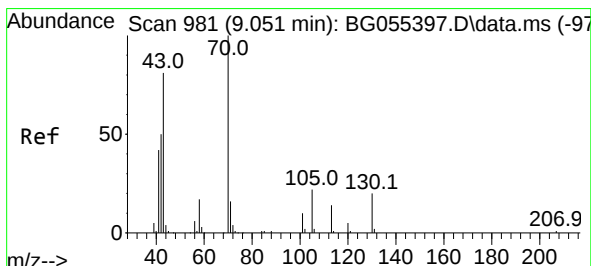
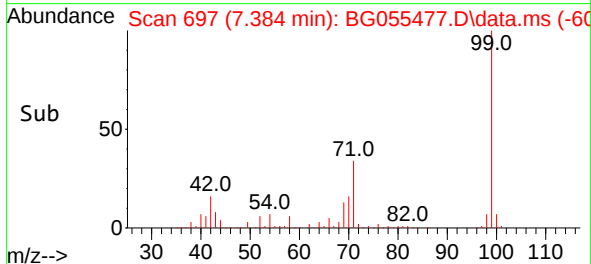
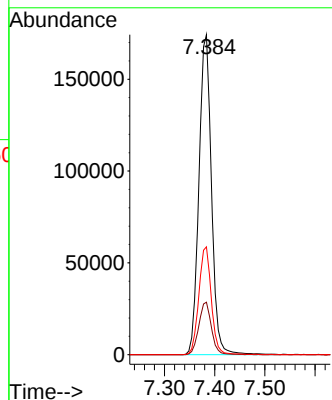
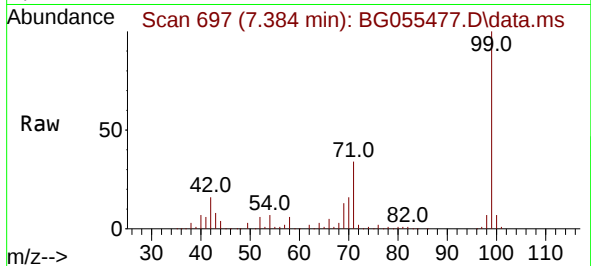




#7
Phenol-d6
Concen: 124.709 ng
RT: 7.384 min Scan# 697
Delta R.T. 0.006 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

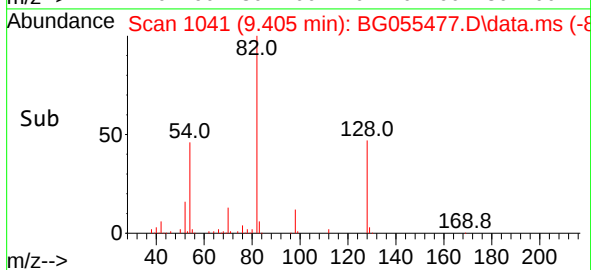
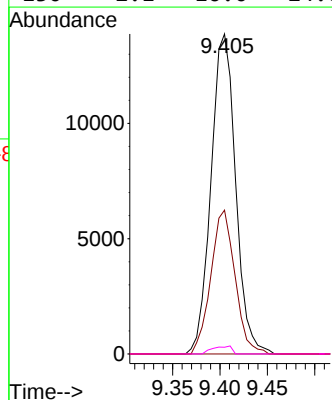
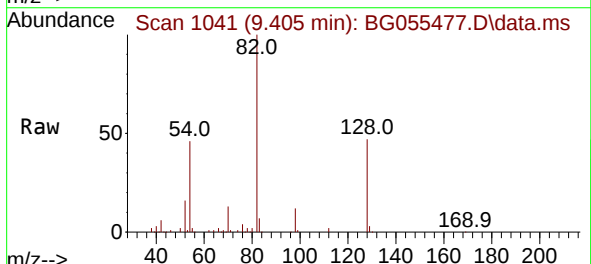
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

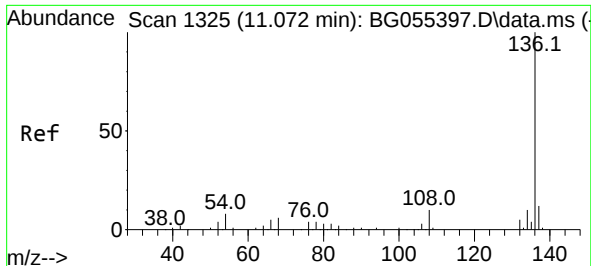
Tgt Ion: 99 Resp: 301544
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 33.7 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.252 ng
RT: 9.405 min Scan# 1041
Delta R.T. 0.370 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

Tgt Ion: 70 Resp: 25039
Ion Ratio Lower Upper
70 100
42 45.0 40.6 61.0
101 0.0 7.8 11.6#
130 2.1 16.0 24.0#

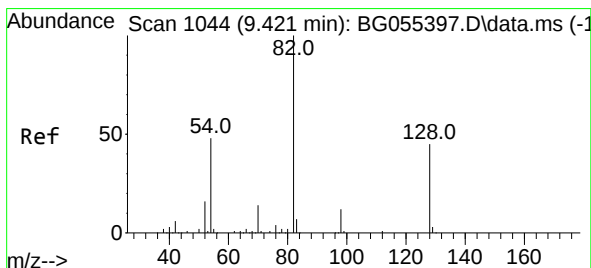
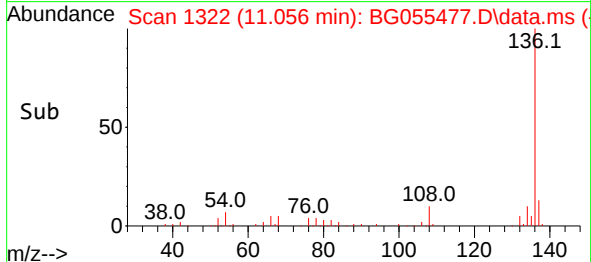
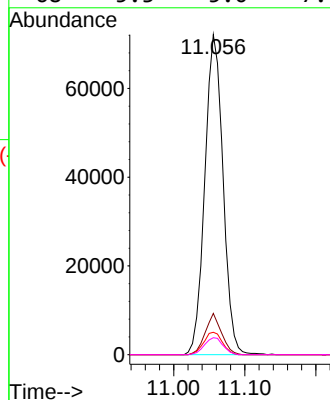
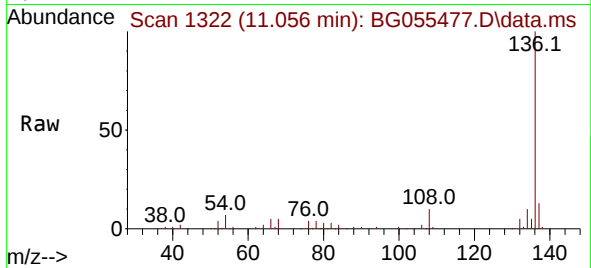




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

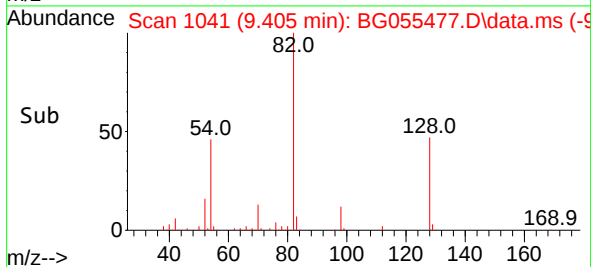
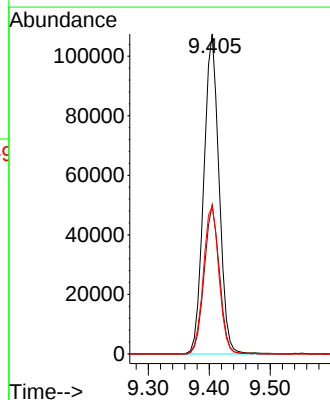
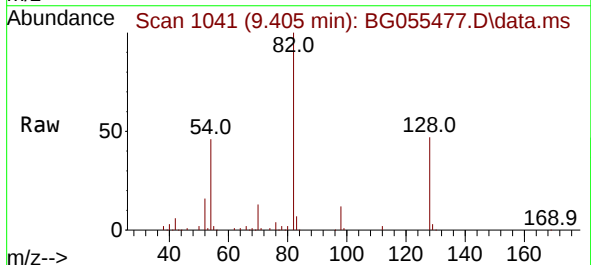
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

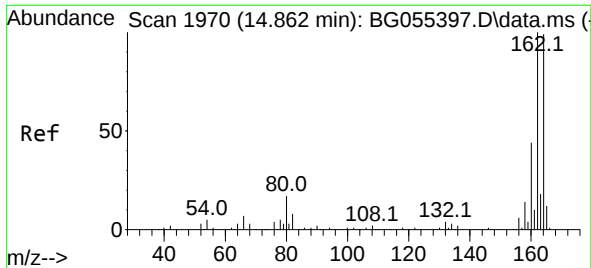
Tgt Ion:	136	Resp:	128710
Ion Ratio	Lower	Upper	
136	100		
137	12.9	9.4	14.2
54	7.0	6.1	9.1
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 77.583 ng
RT: 9.405 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

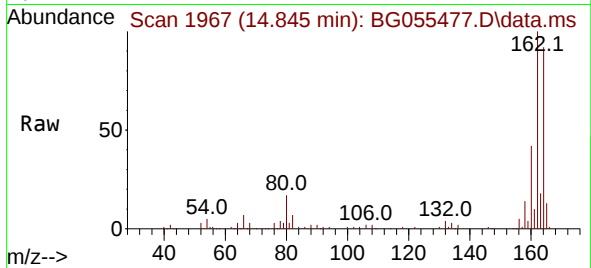
Tgt Ion:	82	Resp:	187366
Ion Ratio	Lower	Upper	
82	100		
128	46.6	35.8	53.8
54	46.2	38.1	57.1





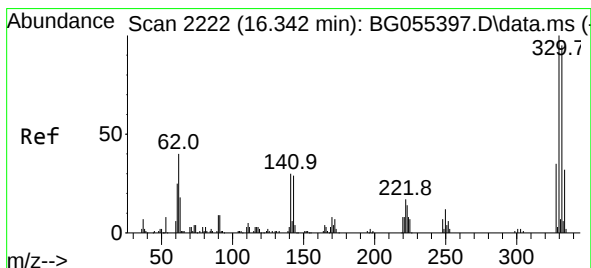
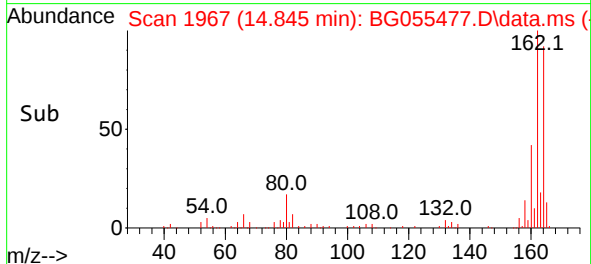
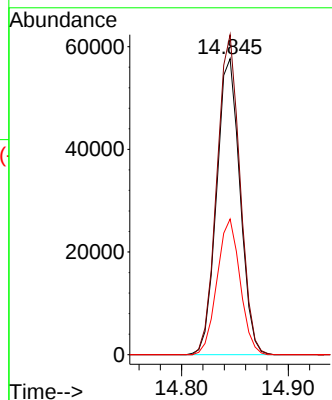
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.845 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: BG055477.D
 Acq: 5 Nov 2022 19:38

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:164 Resp: 87528

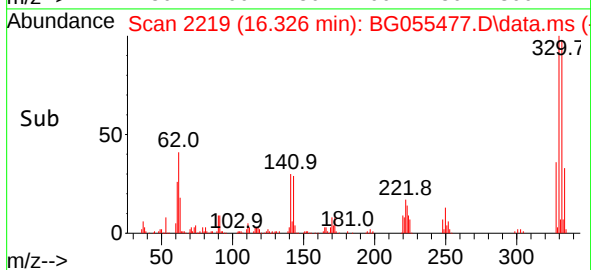
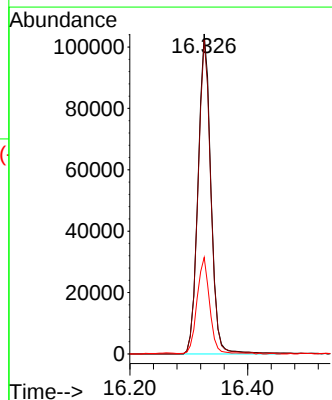
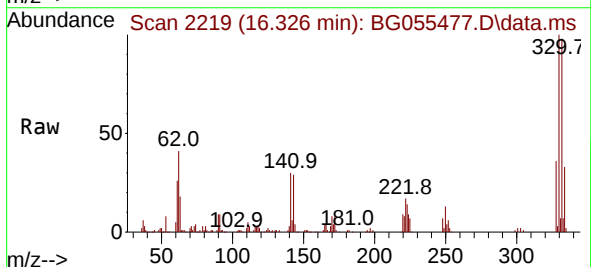
Ion	Ratio	Lower	Upper
164	100		
162	108.1	81.1	121.7
160	45.8	35.8	53.6

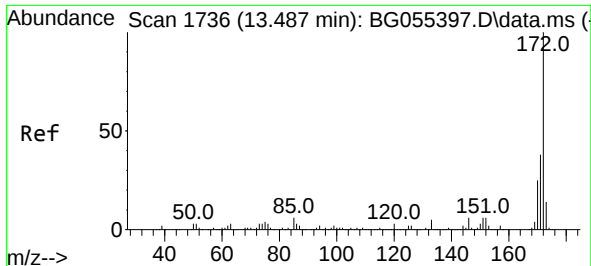


#42
 2,4,6-Tribromophenol
 Concen: 132.341 ng
 RT: 16.326 min Scan# 2219
 Delta R.T. -0.006 min
 Lab File: BG055477.D
 Acq: 5 Nov 2022 19:38

Tgt Ion:330 Resp: 158002

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	29.9	24.2	36.2

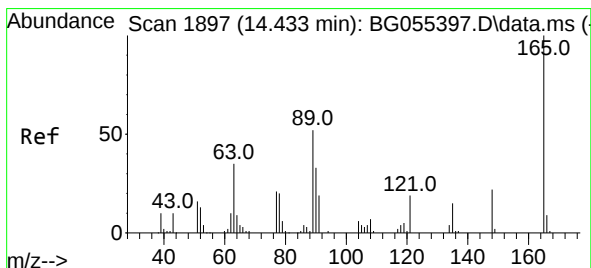
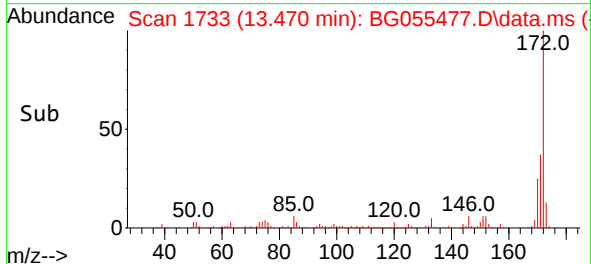
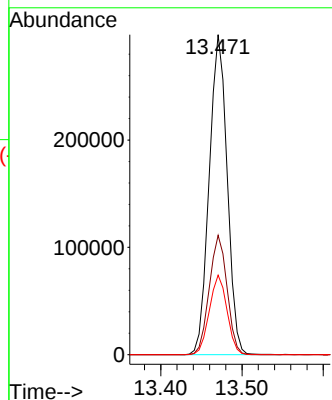
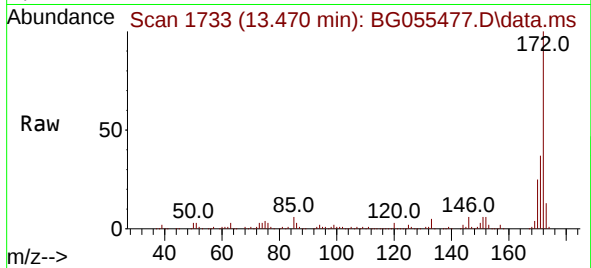




#45
2-Fluorobiphenyl
Concen: 77.465 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

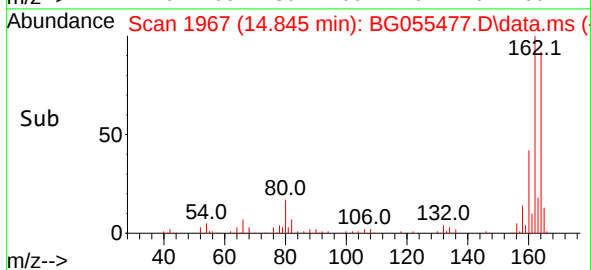
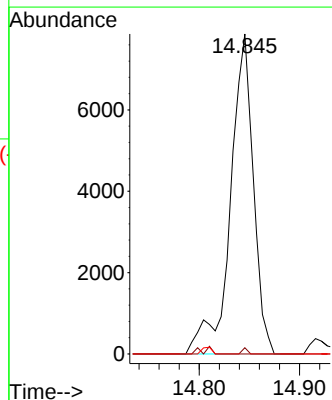
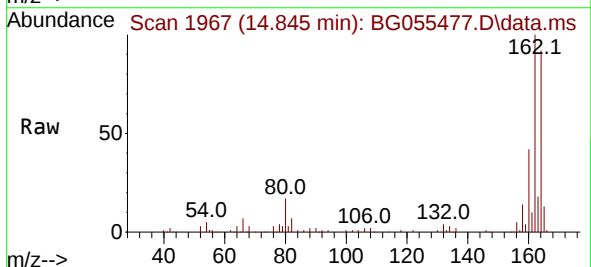
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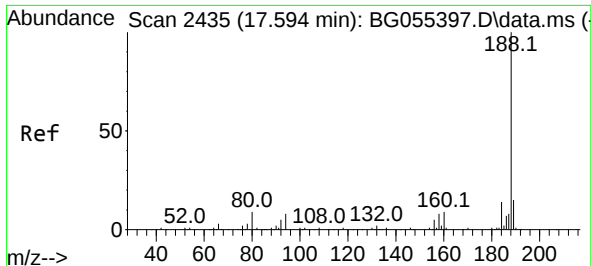
Tgt Ion:172 Resp: 457309
Ion Ratio Lower Upper
172 100
171 37.3 30.2 45.2
170 24.9 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.184 ng
RT: 14.845 min Scan# 1967
Delta R.T. 0.423 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

Tgt Ion:165 Resp: 12517
Ion Ratio Lower Upper
165 100
63 1.9 38.2 57.4#
89 0.0 41.8 62.6#

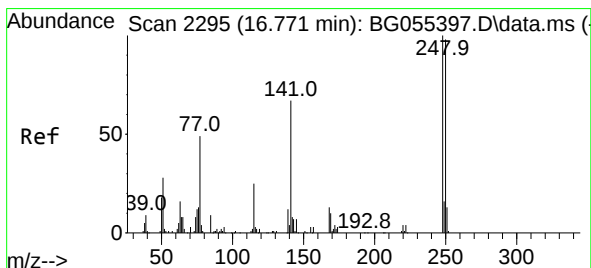
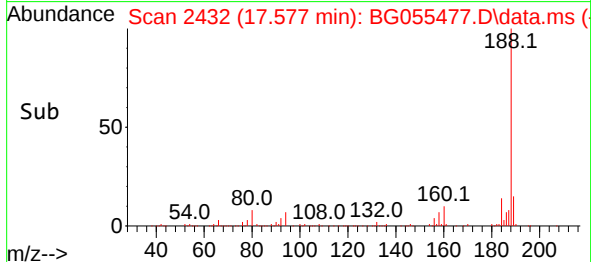
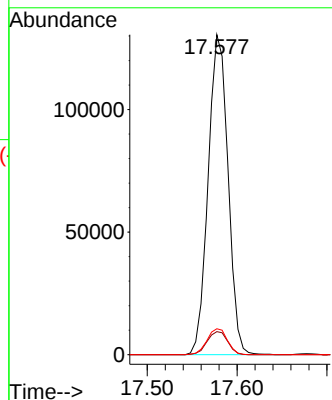
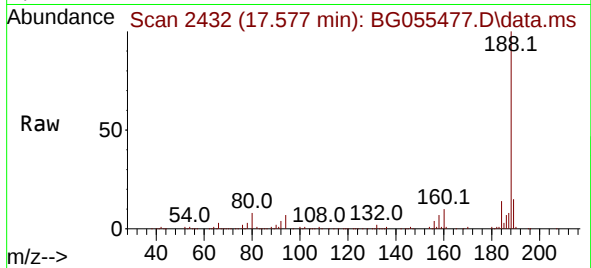




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

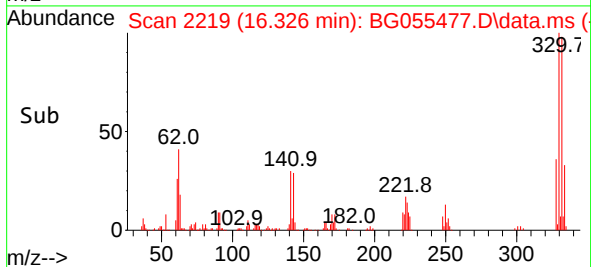
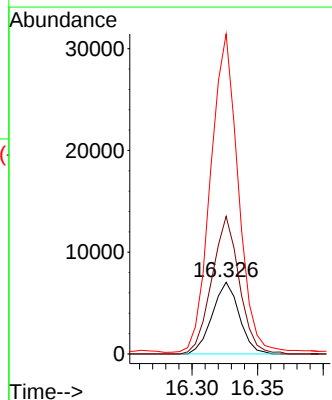
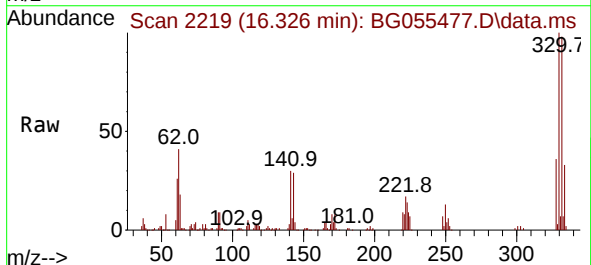
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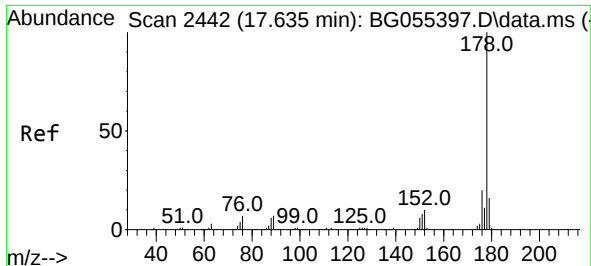
Tgt Ion:188 Resp: 200579
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 8.1 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 4.246 ng
RT: 16.326 min Scan# 2219
Delta R.T. -0.435 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

Tgt Ion:248 Resp: 10068
Ion Ratio Lower Upper
248 100
250 192.0 78.3 117.5#
141 446.7 53.7 80.5#

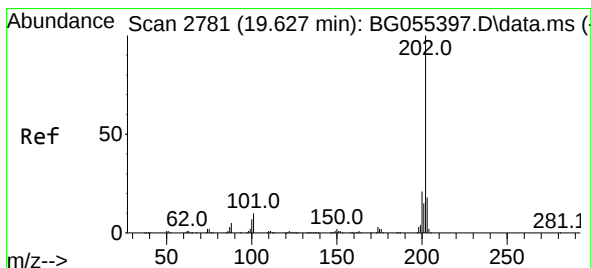
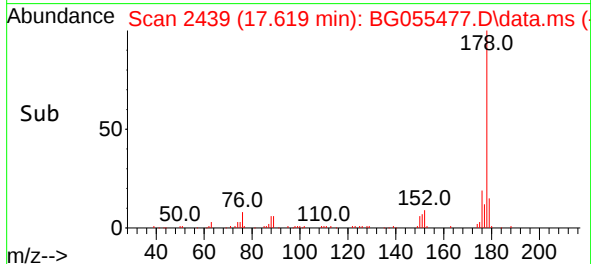
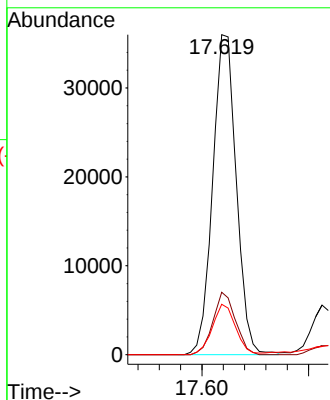
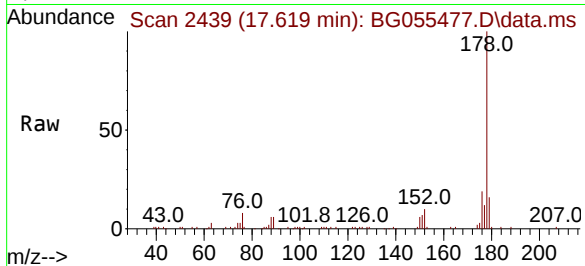




#71
Phenanthrene
Concen: 4.903 ng
RT: 17.619 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

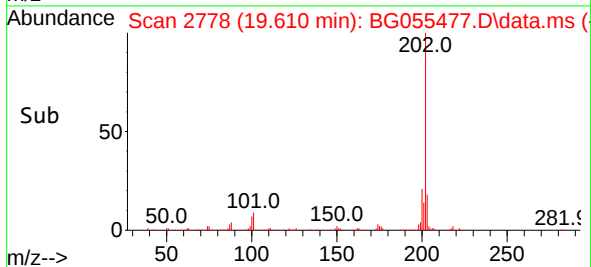
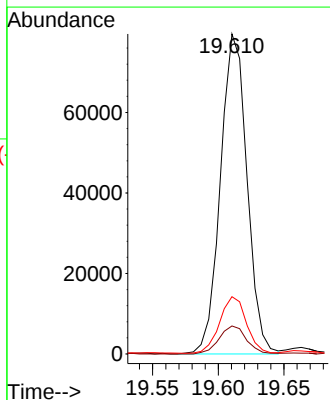
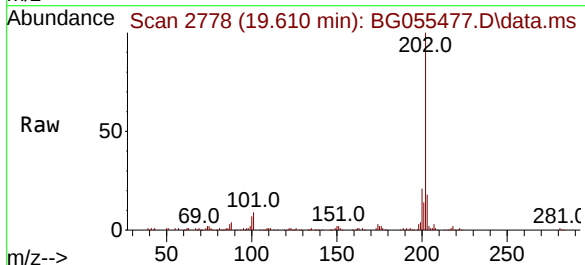
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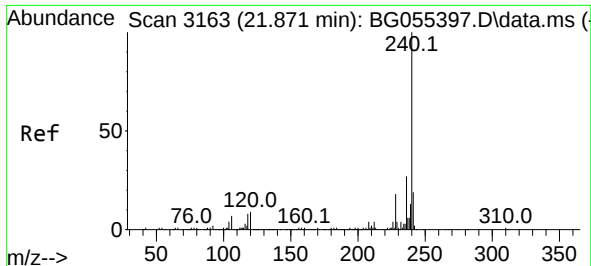
Tgt Ion:178 Resp: 55320
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.7 12.7 19.1



#75
Fluoranthene
Concen: 8.266 ng
RT: 19.610 min Scan# 2778
Delta R.T. -0.006 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

Tgt Ion:202 Resp: 112182
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.8
203 17.9 0.0 38.1

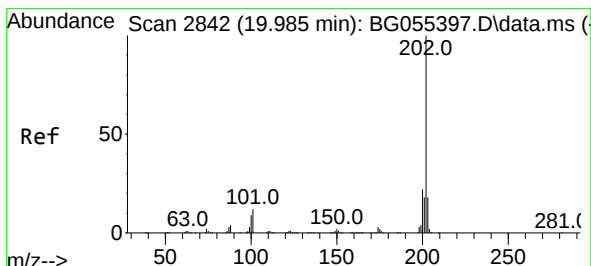
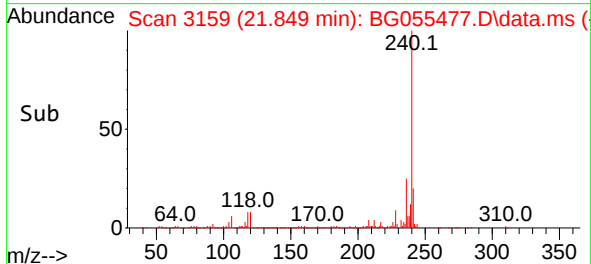
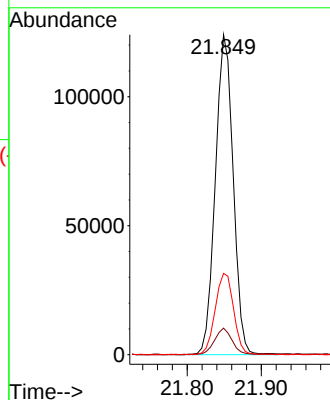
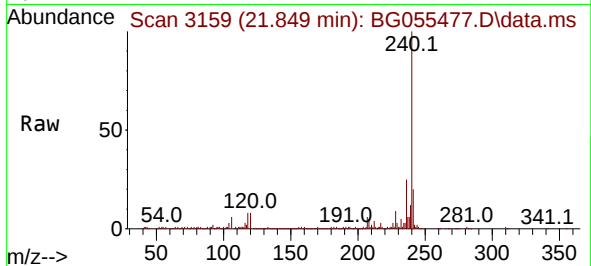




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

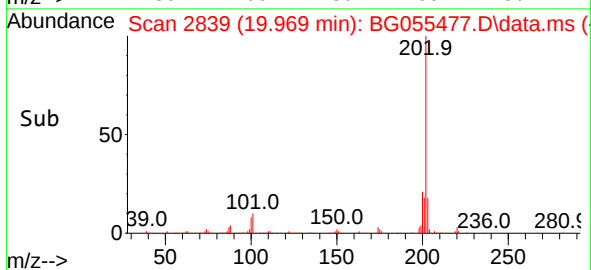
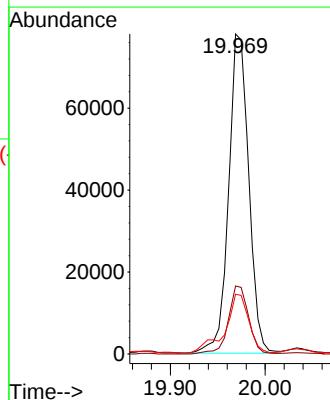
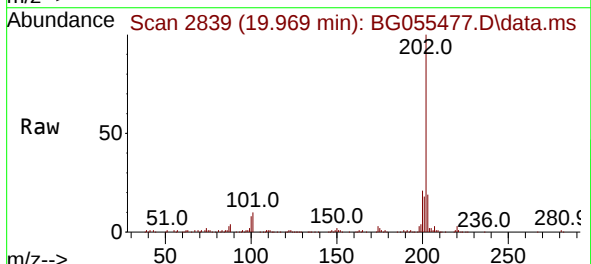
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

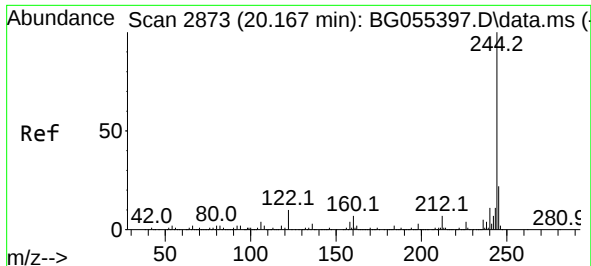
Tgt Ion:240 Resp: 207308
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 25.4 21.5 32.3



#78
Pyrene
Concen: 7.857 ng
RT: 19.969 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

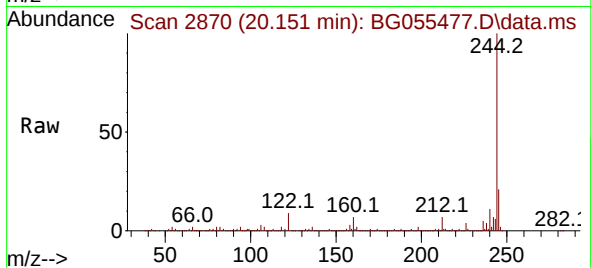
Tgt Ion:202 Resp: 114899
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.6 14.7 22.1



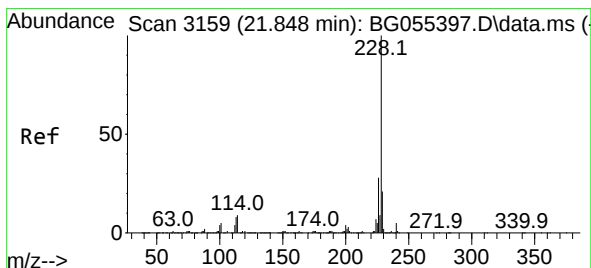
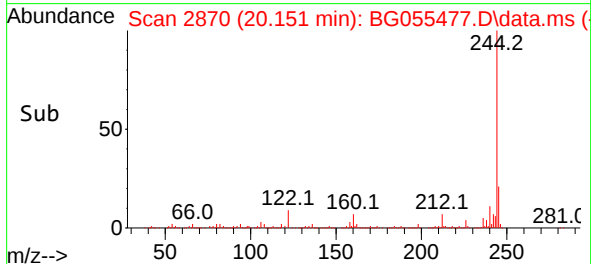
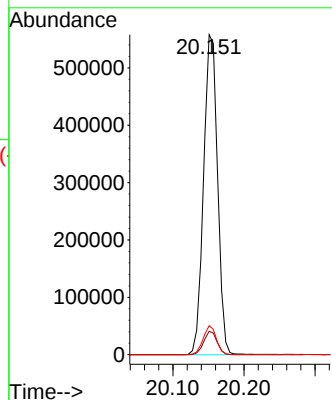


#79
 Terphenyl-d14
 Concen: 71.677 ng
 RT: 20.151 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055477.D
 Acq: 5 Nov 2022 19:38

Instrument :
 BNA_G
 ClientSampleId :
 PTS-TP-COMP-1103

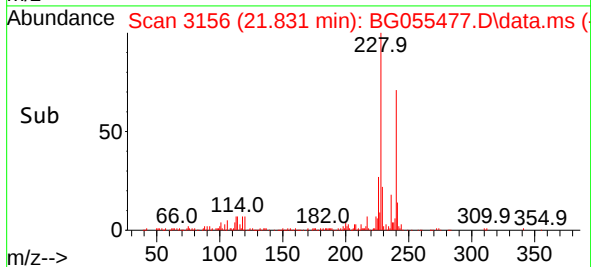
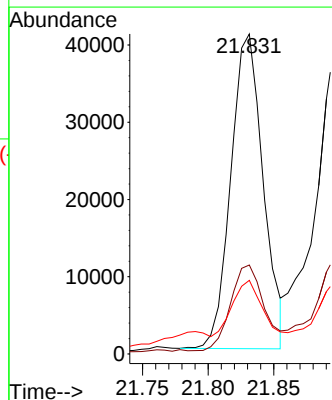
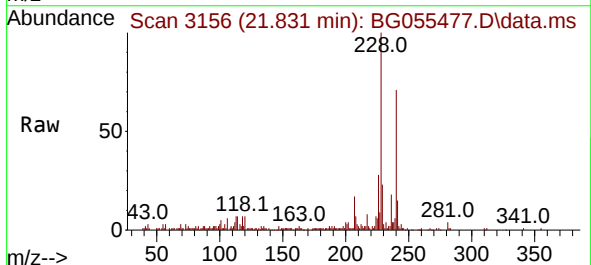


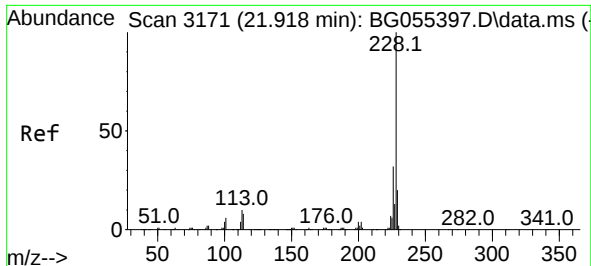
Tgt Ion:244 Resp: 764151
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.1 7.8 11.6



#81
 Benzo(a)anthracene
 Concen: 4.906 ng
 RT: 21.831 min Scan# 3156
 Delta R.T. -0.000 min
 Lab File: BG055477.D
 Acq: 5 Nov 2022 19:38

Tgt Ion:228 Resp: 69815
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.6 33.8
 229 23.0 16.5 24.7

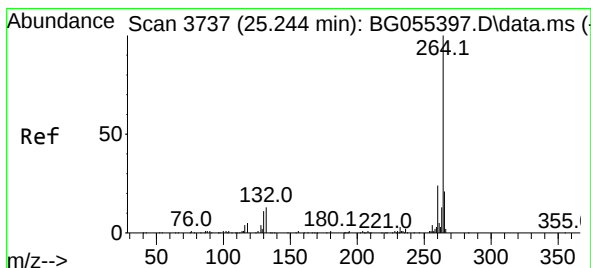
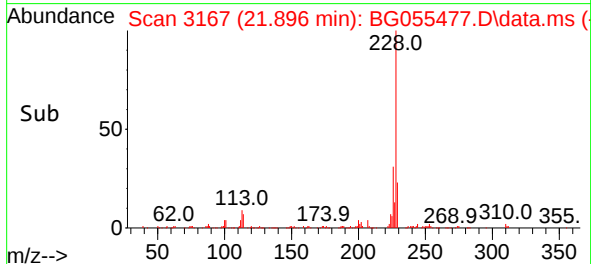
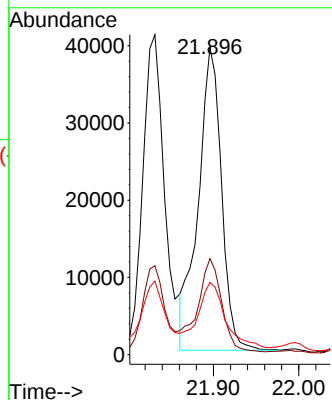
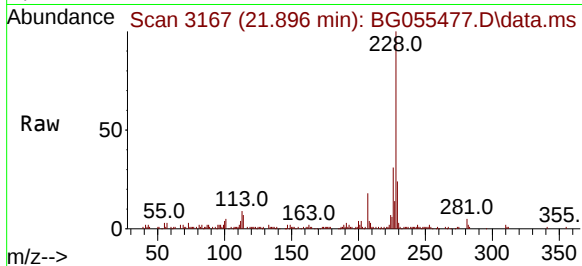




#83
Chrysene
Concen: 5.487 ng
RT: 21.896 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

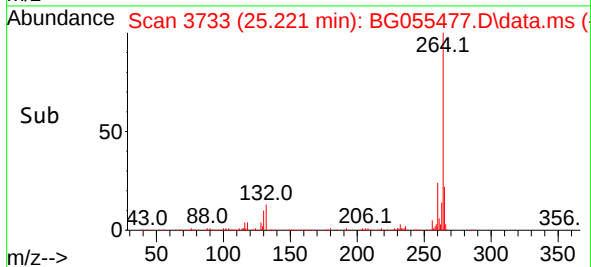
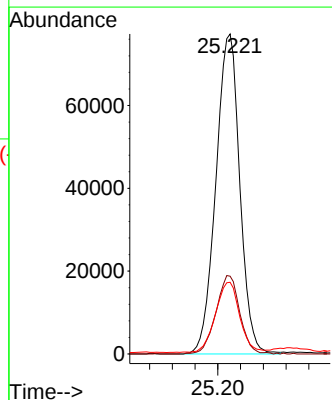
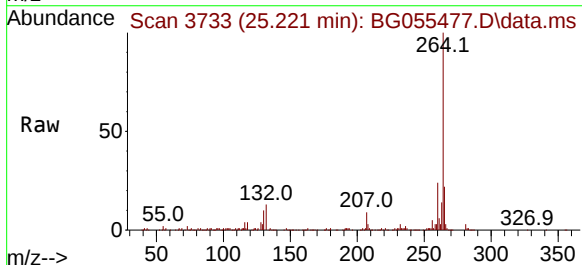
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

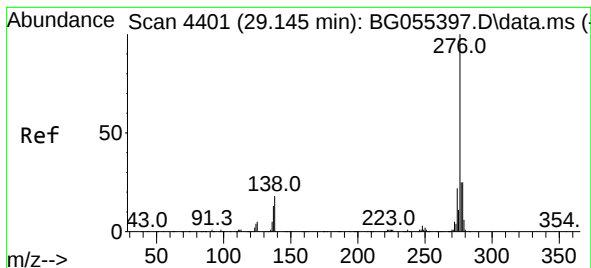
Tgt Ion:228 Resp: 74497
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 23.5 16.2 24.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.221 min Scan# 3733
Delta R.T. -0.000 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

Tgt Ion:264 Resp: 225625
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 22.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.557 ng

RT: 29.087 min Scan# 41

Delta R.T. -0.024 min

Lab File: BG055477.D

Acq: 5 Nov 2022 19:38

Instrument :

BNA_G

ClientSampleId :

PTS-TP-COMP-1103

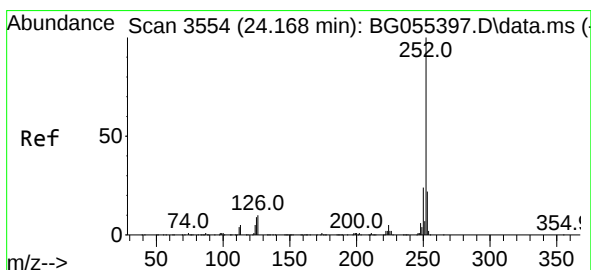
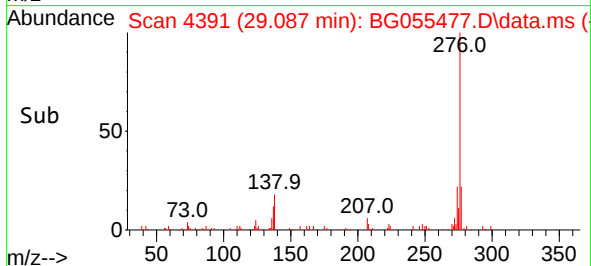
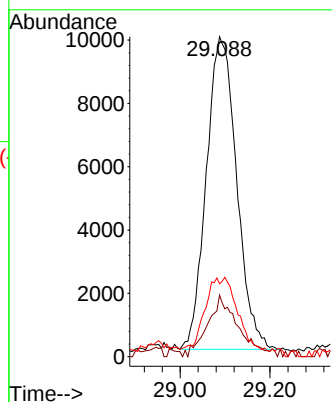
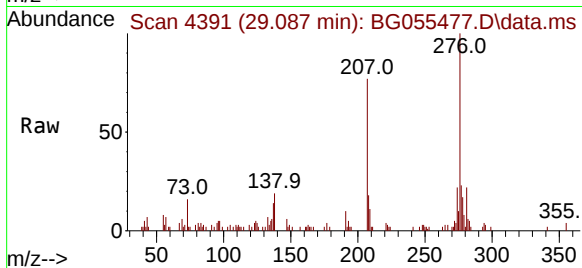
Tgt Ion:276 Resp: 46323

Ion Ratio Lower Upper

276 100

138 19.6 16.2 24.2

277 11.0 20.5 30.7#



#88

Benzo(b)fluoranthene

Concen: 6.174 ng

RT: 24.140 min Scan# 3549

Delta R.T. -0.006 min

Lab File: BG055477.D

Acq: 5 Nov 2022 19:38

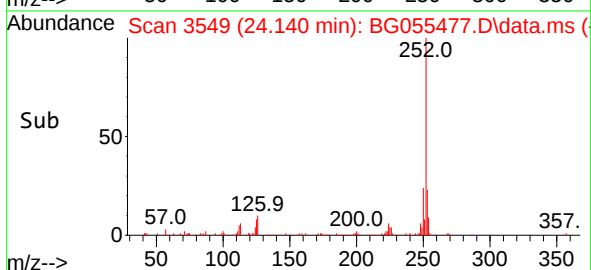
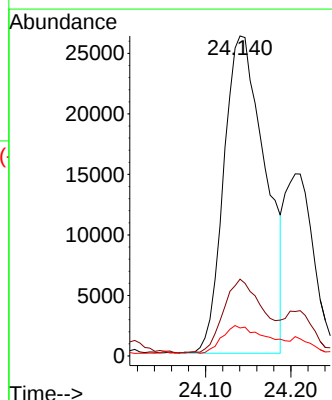
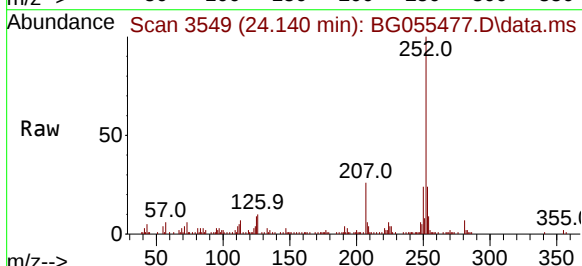
Tgt Ion:252 Resp: 88484

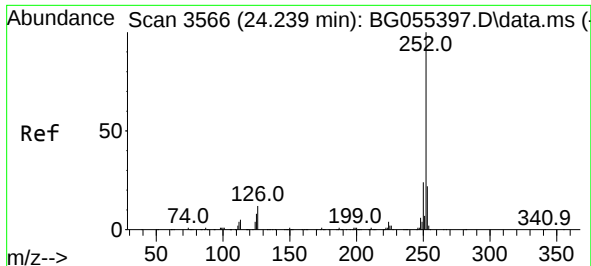
Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.8

125 8.7 6.8 10.2

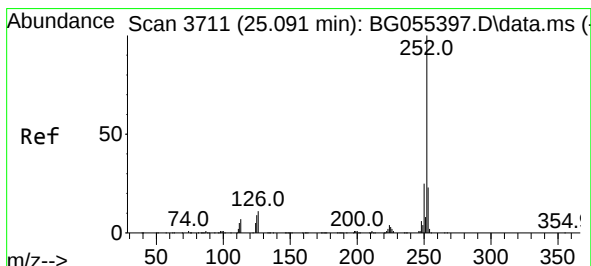
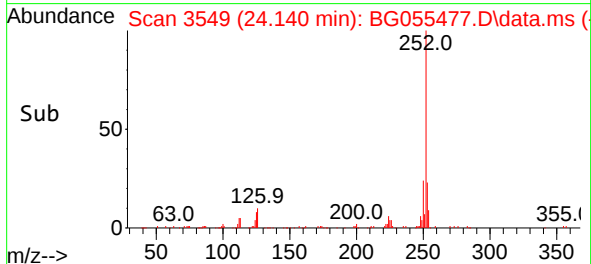
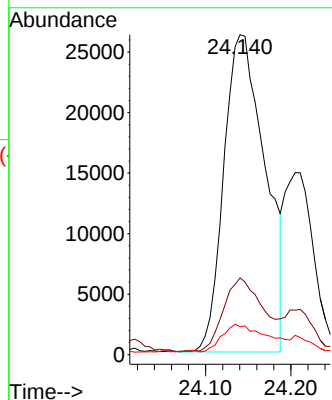
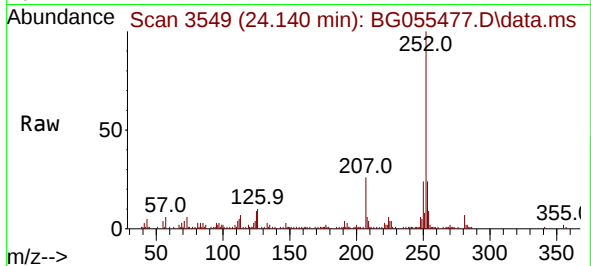




#89
Benzo(k)fluoranthene
Concen: 6.144 ng
RT: 24.140 min Scan# 310
Delta R.T. -0.077 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

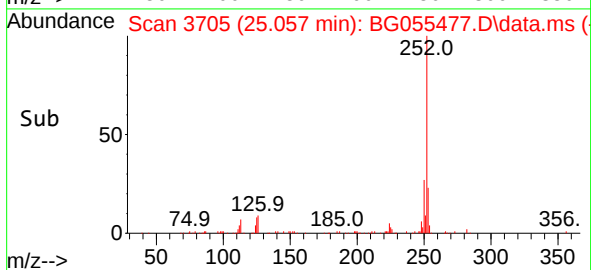
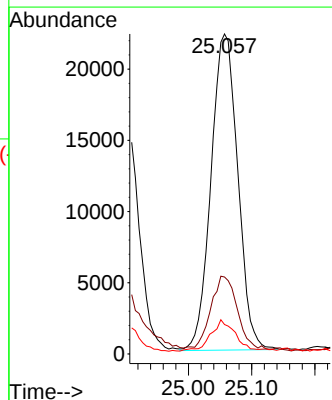
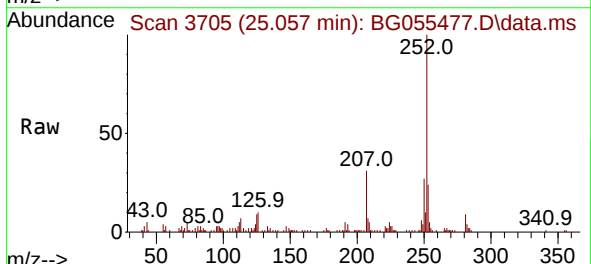
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

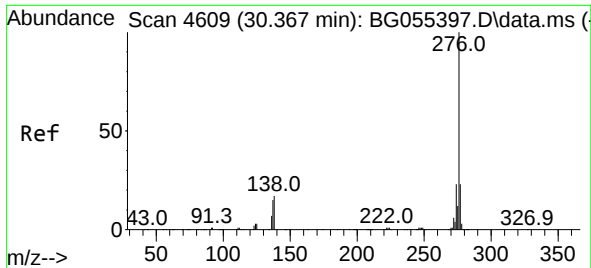
Tgt Ion:252 Resp: 88484
Ion Ratio Lower Upper
252 100
253 24.0 17.9 26.9
125 8.7 6.9 10.3



#90
Benzo(a)pyrene
Concen: 5.275 ng
RT: 25.057 min Scan# 3705
Delta R.T. -0.006 min
Lab File: BG055477.D
Acq: 5 Nov 2022 19:38

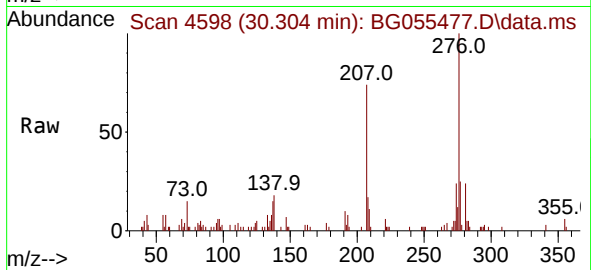
Tgt Ion:252 Resp: 65372
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.2
125 9.2 7.1 10.7





#92
 Benzo(g,h,i)perylene
 Concen: 3.304 ng
 RT: 30.304 min Scan# 4
 Delta R.T. -0.018 min
 Lab File: BG055477.D
 Acq: 5 Nov 2022 19:38

Instrument :
 BNA_G
 ClientSampleId :
 PTS-TP-COMP-1103



Tgt Ion:	276	Resp:	49116
Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	17.9	13.4	20.0

