

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054287.D
 Acq On : 14 Jul 2022 19:45
 Operator : CG/JU
 Sample : N3711-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC124019

Quant Time: Jul 15 01:58:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

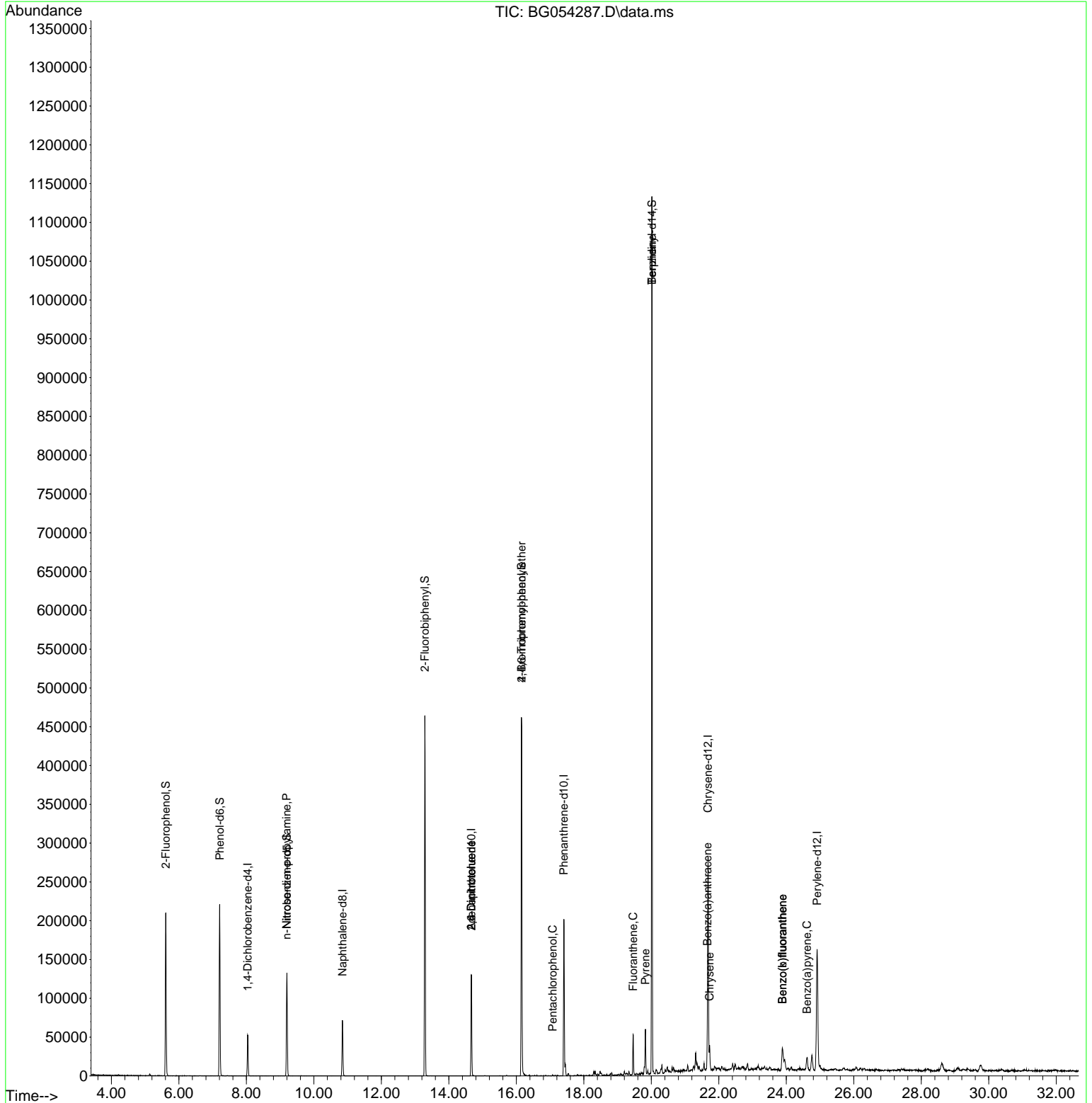
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	16899	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	66197	20.000	ng	# 0.00
39) Acenaphthene-d10	14.664	164	55269	20.000	ng	0.00
64) Phenanthrene-d10	17.407	188	151618	20.000	ng	#-0.01
76) Chrysene-d12	21.679	240	190718	20.000	ng	#-0.01
86) Perylene-d12	24.910	264	199902	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	92359	109.804	ng	0.00
7) Phenol-d6	7.208	99	124899	107.660	ng	0.00
23) Nitrobenzene-d5	9.199	82	81720	66.992	ng	0.00
42) 2,4,6-Tribromophenol	16.156	330	131247	122.590	ng	0.00
45) 2-Fluorobiphenyl	13.289	172	266445	70.835	ng	0.00
79) Terphenyl-d14	20.016	244	649964	70.081	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.194	70	11966	15.108	ng	# 83
51) 2,6-Dinitrotoluene	14.664	165	7600	8.058	ng	# 16
57) 2,4-Dinitrotoluene	14.664	165	7600	5.565	ng	# 21
67) 4-Bromophenyl-phenylether	16.156	248	7638	3.777	ng	# 1
70) Pentachlorophenol	17.078	266	431	4.920	ng	# 45
75) Fluoranthene	19.464	202	38931	3.774	ng	95
77) Benzidine	20.016	184	8857	2.646	ng	# 93
78) Pyrene	19.822	202	42183	3.843	ng	98
81) Benzo(a)anthracene	21.661	228	26613	2.206	ng	99
83) Chrysene	21.726	228	27563	2.416	ng	94
88) Benzo(b)fluoranthene	23.882	252	44590	3.762	ng	# 95
89) Benzo(k)fluoranthene	23.882	252	44590	3.792	ng	# 96
90) Benzo(a)pyrene	24.611	252	21363	2.106	ng	99

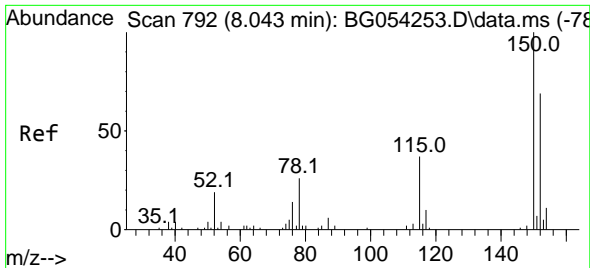
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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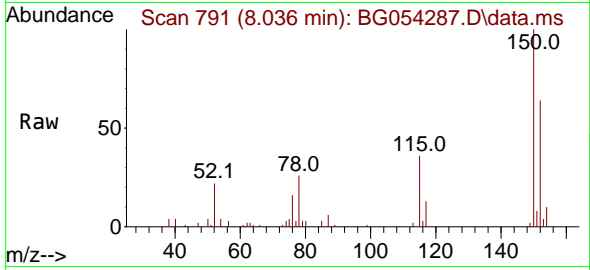
Quant Time: Jul 15 01:58:56 2022
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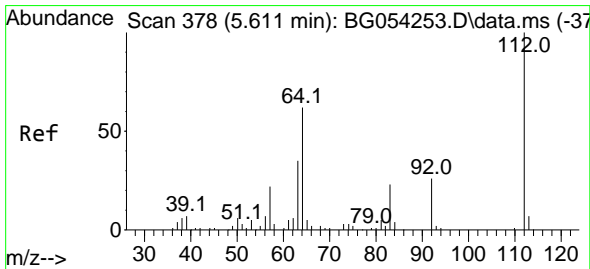
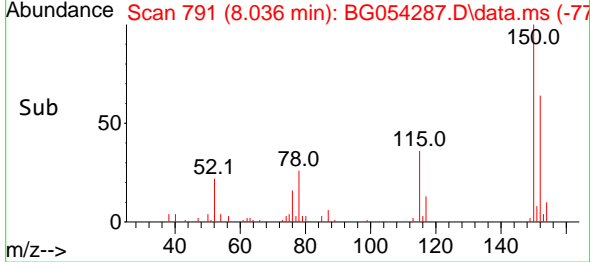
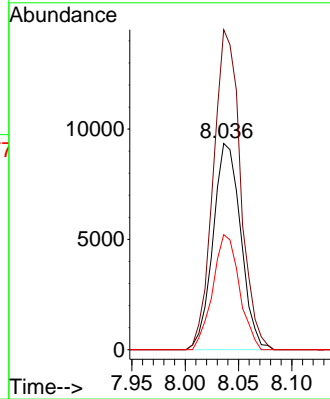


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.036 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Instrument :
 BNA_G
 ClientSampleId :
 PSC124019

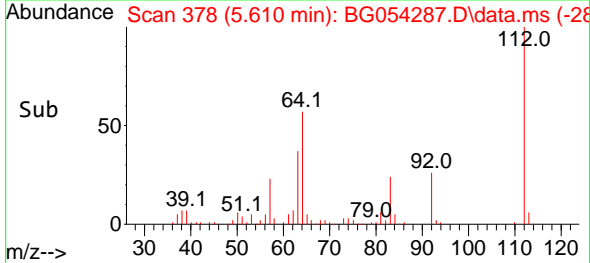
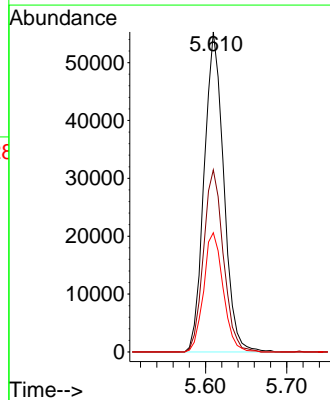
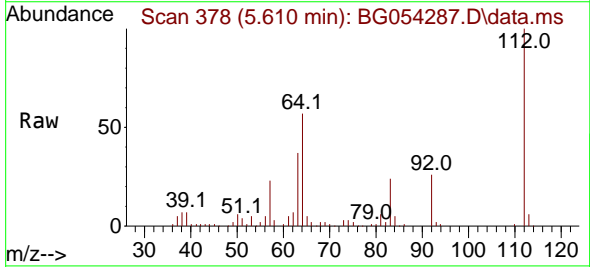


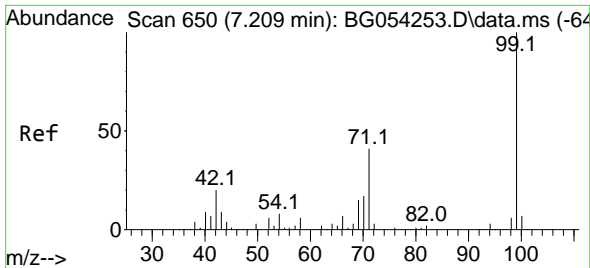
Tgt Ion:152 Resp: 16899
 Ion Ratio Lower Upper
 152 100
 150 155.1 131.6 197.4
 115 55.7 50.9 76.3



#5
 2-Fluorophenol
 Concen: 109.804 ng
 RT: 5.610 min Scan# 378
 Delta R.T. -0.001 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

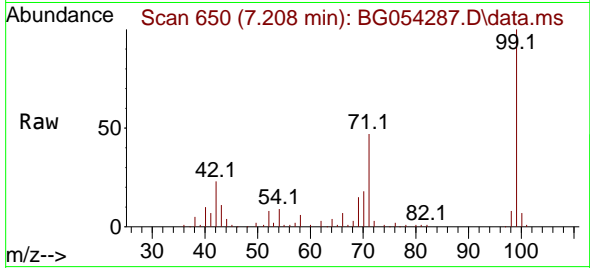
Tgt Ion:112 Resp: 92359
 Ion Ratio Lower Upper
 112 100
 64 56.9 55.1 82.7
 63 37.2 30.4 45.6





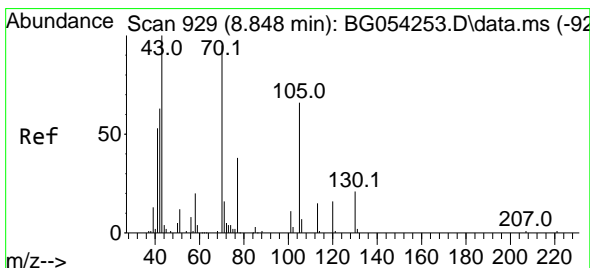
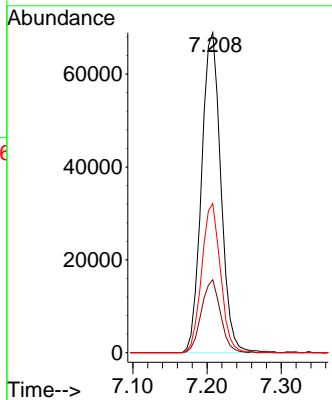
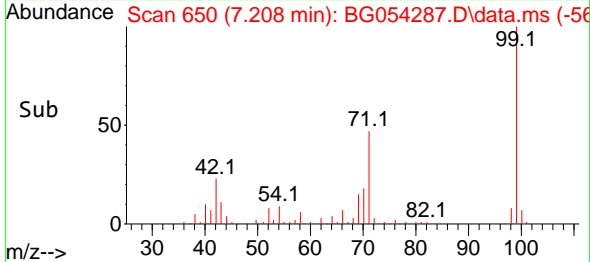
#7
 Phenol-d6
 Concen: 107.660 ng
 RT: 7.208 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Instrument :
 BNA_G
 ClientSampleId :
 PSC124019

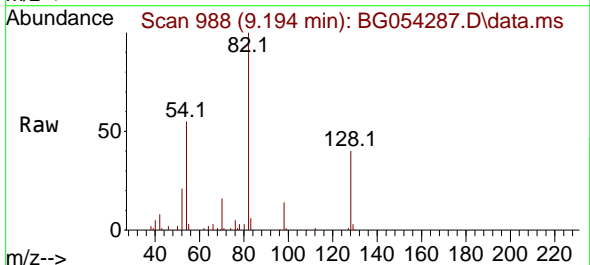


Tgt Ion: 99 Resp: 124899

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.0	25.6
71	46.6	33.8	50.8

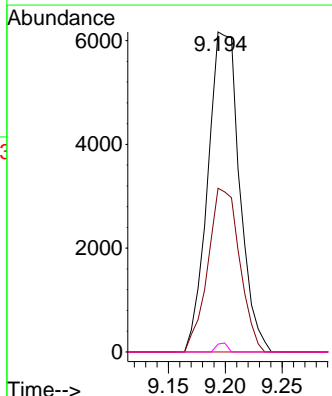
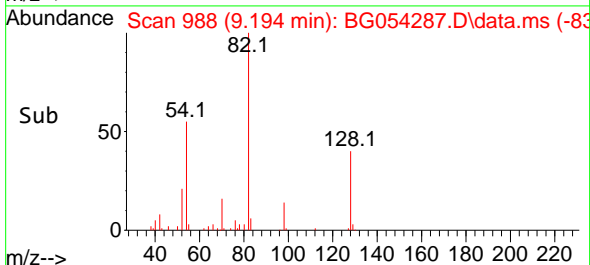


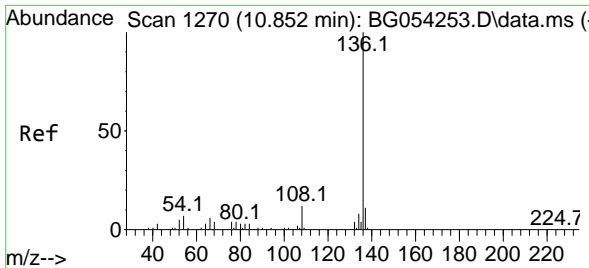
#19
 n-Nitroso-di-n-propylamine
 Concen: 15.108 ng
 RT: 9.194 min Scan# 988
 Delta R.T. 0.346 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45



Tgt Ion: 70 Resp: 11966

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.3	70.9
101	0.0	7.0	10.4#
130	2.4	14.6	22.0#

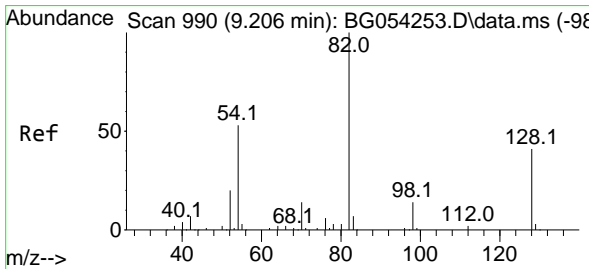
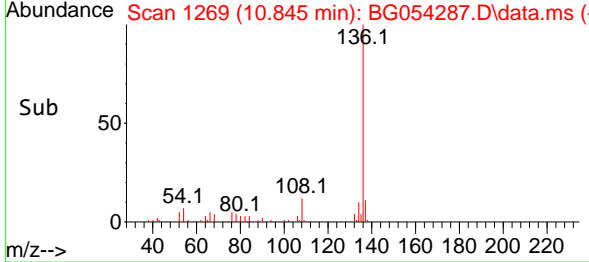
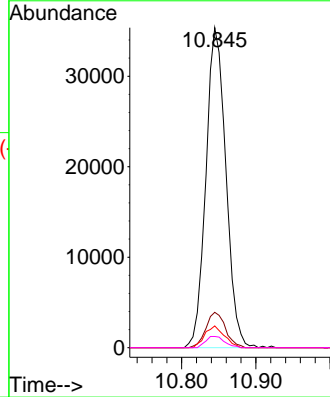
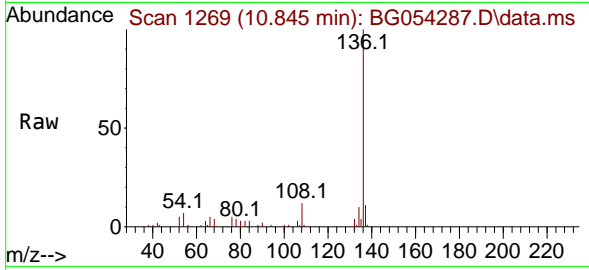




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.845 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

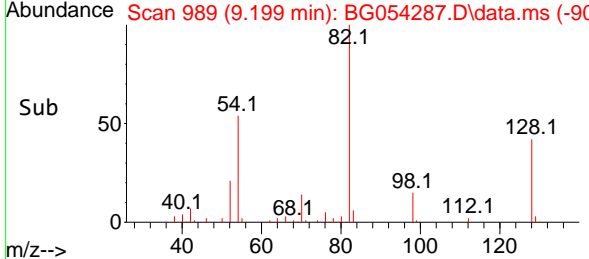
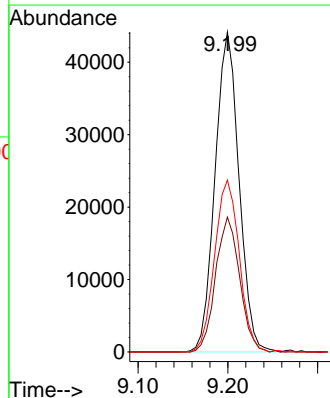
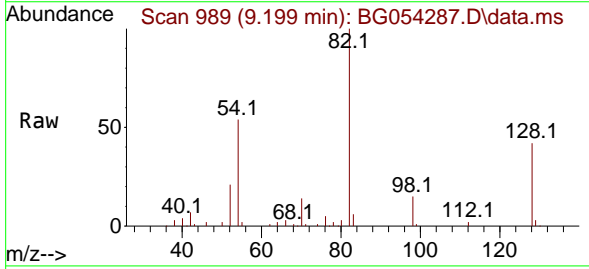
Instrument : BNA_G
 ClientSampleId : PSC124019

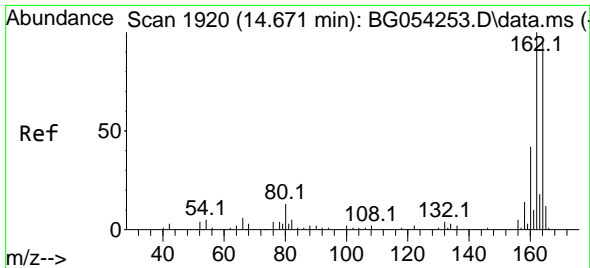
Tgt Ion	Resp	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.8	7.4	11.2#
68	3.5	4.9	7.3#



#23
 Nitrobenzene-d5
 Concen: 66.992 ng
 RT: 9.199 min Scan# 989
 Delta R.T. -0.007 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

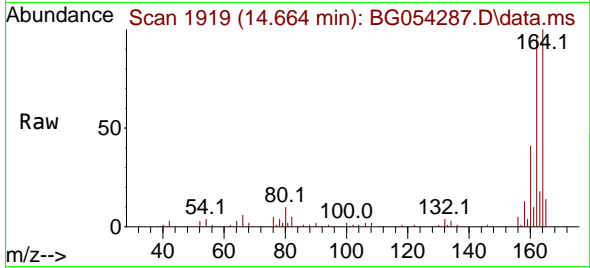
Tgt Ion	Resp	Lower	Upper
82	100		
128	42.2	27.9	41.9#
54	53.7	41.2	61.8



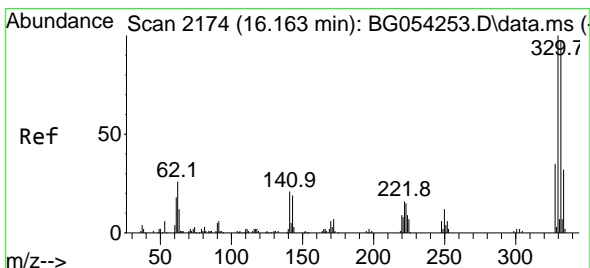
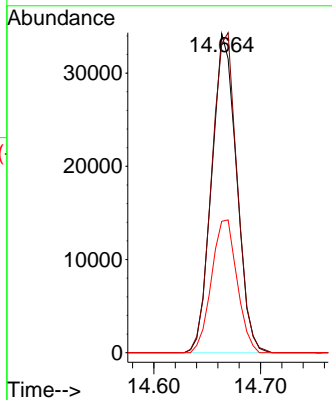
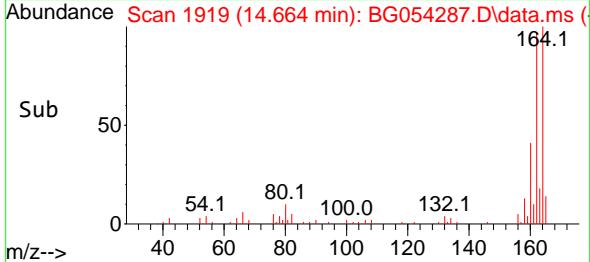


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.664 min Scan# 1919
 Delta R.T. -0.007 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

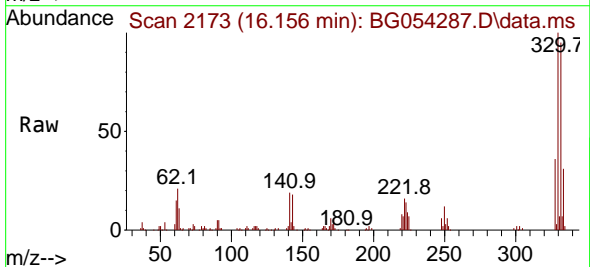
Instrument :
 BNA_G
 ClientSampleId :
 PSC124019



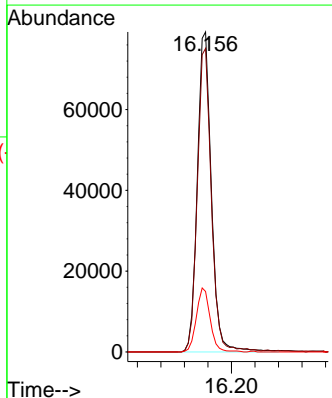
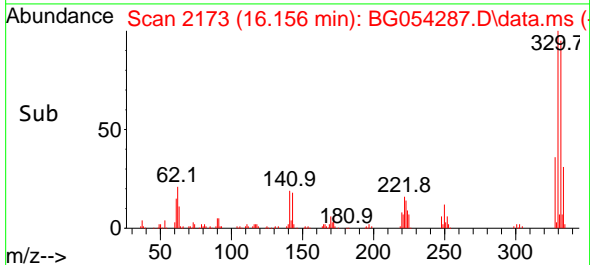
Tgt Ion:164 Resp: 55269
 Ion Ratio Lower Upper
 164 100
 162 96.8 82.3 123.5
 160 41.2 34.2 51.2

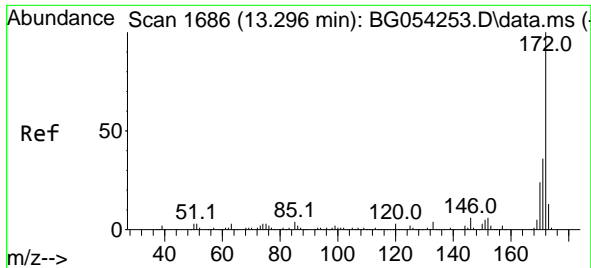


#42
 2,4,6-Tribromophenol
 Concen: 122.590 ng
 RT: 16.156 min Scan# 2173
 Delta R.T. -0.007 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45



Tgt Ion:330 Resp: 131247
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.0 114.0
 141 19.6 27.1 40.7#



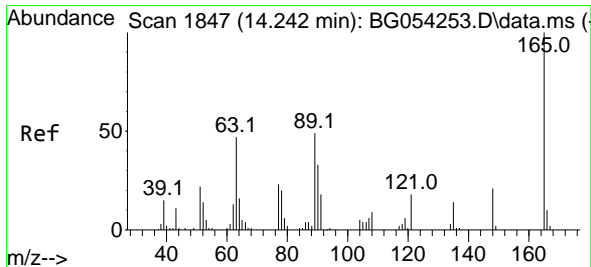
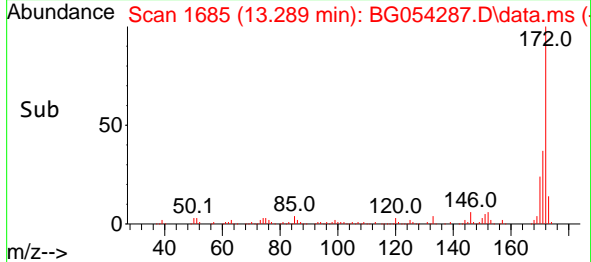
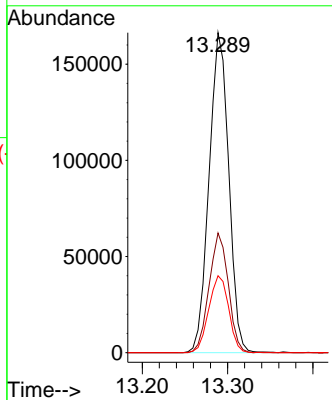
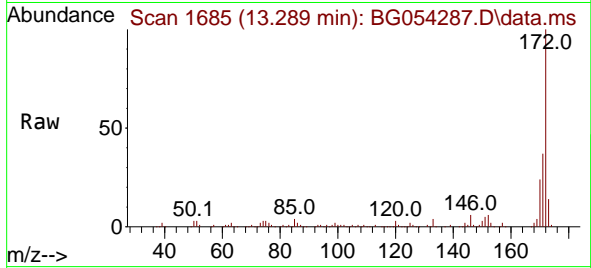


#45
 2-Fluorobiphenyl
 Concen: 70.835 ng
 RT: 13.289 min Scan# 10
 Delta R.T. -0.007 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Instrument : BNA_G
 ClientSampleId : PSC124019

Tgt Ion:172 Resp: 266445

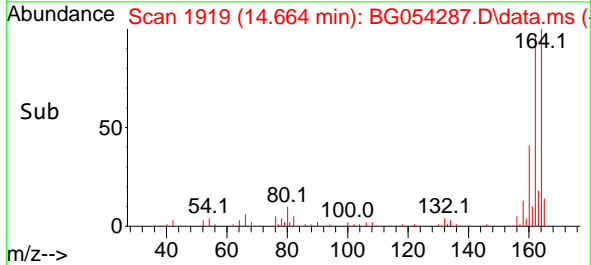
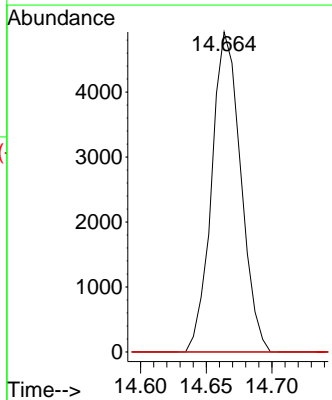
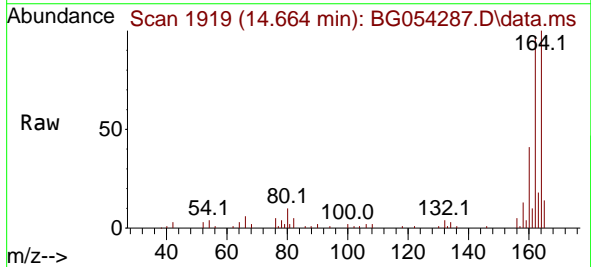
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.5	42.7
170	24.0	18.9	28.3

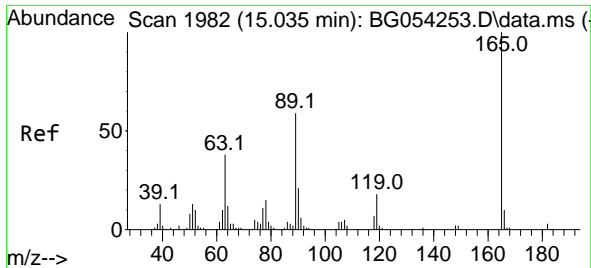


#51
 2,6-Dinitrotoluene
 Concen: 8.058 ng
 RT: 14.664 min Scan# 1919
 Delta R.T. 0.422 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Tgt Ion:165 Resp: 7600

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#

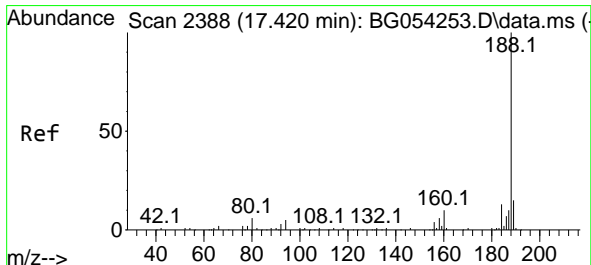
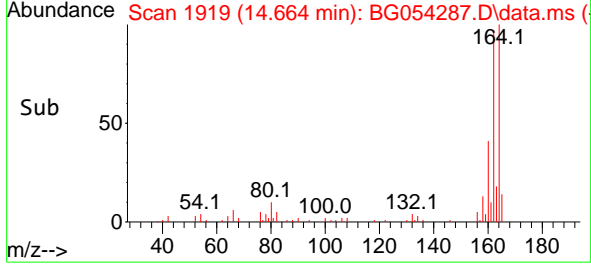
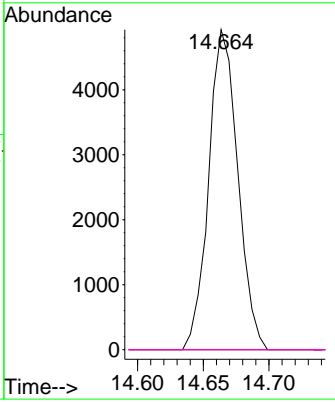
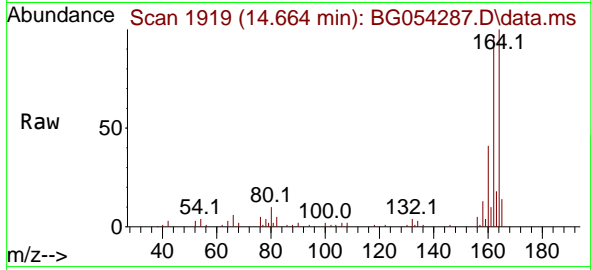




#57
 2,4-Dinitrotoluene
 Concen: 5.565 ng
 RT: 14.664 min Scan# 1919
 Delta R.T. -0.371 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

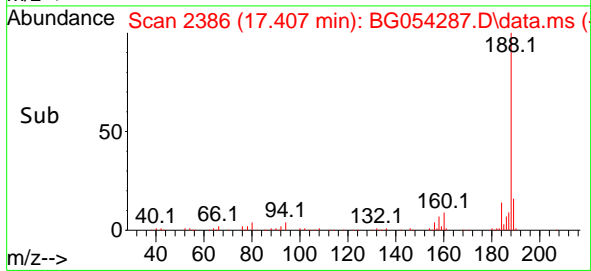
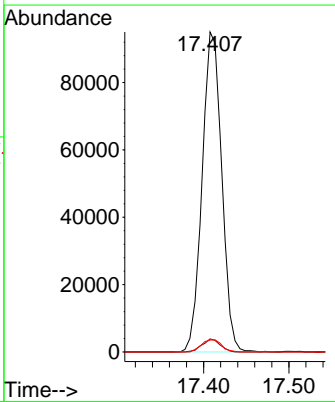
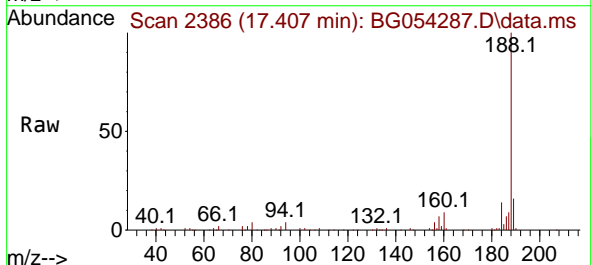
Instrument : BNA_G
 ClientSampleId : PSC124019

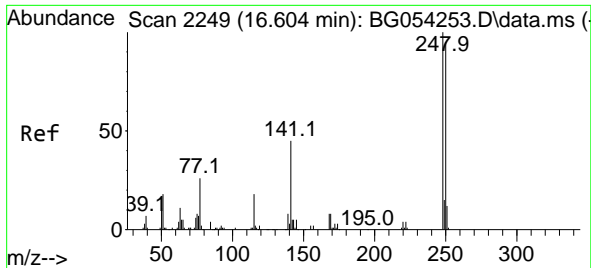
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.407 min Scan# 2386
 Delta R.T. -0.013 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Tgt Ion	Resp	Lower	Upper
188	100		
94	4.1	5.4	8.0#
80	3.7	6.8	10.2#



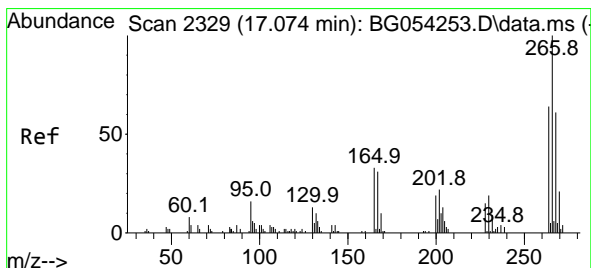
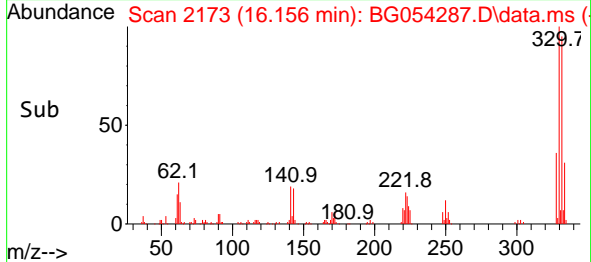
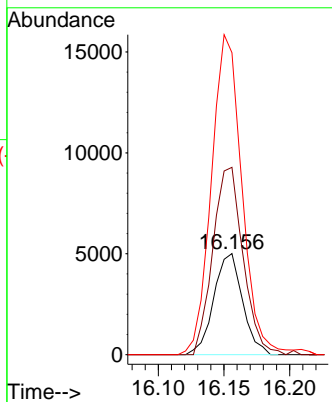
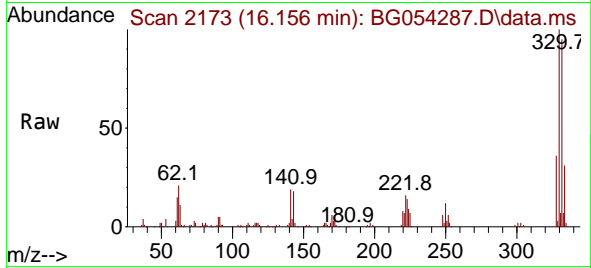


#67
 4-Bromophenyl-phenylether
 Concen: 3.777 ng
 RT: 16.156 min Scan# 2173
 Delta R.T. -0.448 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Instrument :
 BNA_G
 ClientSampleId :
 PSC124019

Tgt Ion:248 Resp: 7638

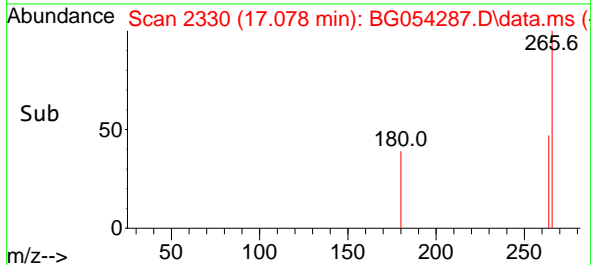
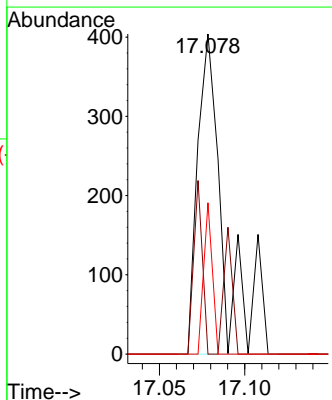
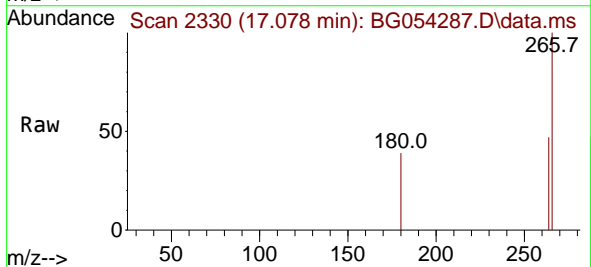
Ion	Ratio	Lower	Upper
248	100		
250	235.3	75.2	112.8#
141	298.6	50.0	75.0#

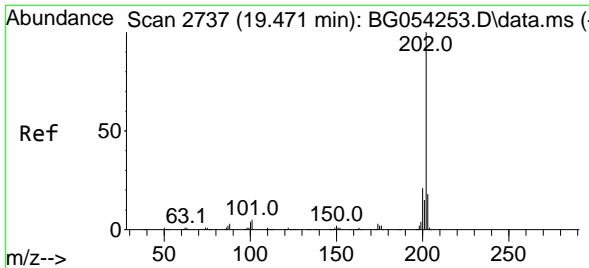


#70
 Pentachlorophenol
 Concen: 4.920 ng
 RT: 17.078 min Scan# 2330
 Delta R.T. 0.004 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Tgt Ion:266 Resp: 431

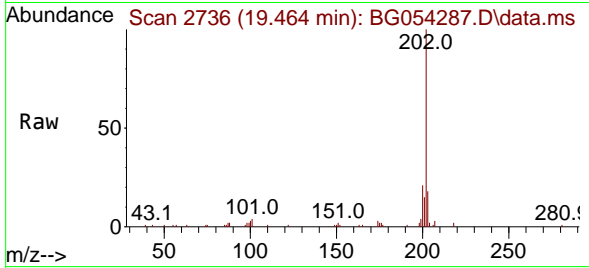
Ion	Ratio	Lower	Upper
266	100		
268	0.0	56.2	84.2#
264	47.3	53.0	79.4#



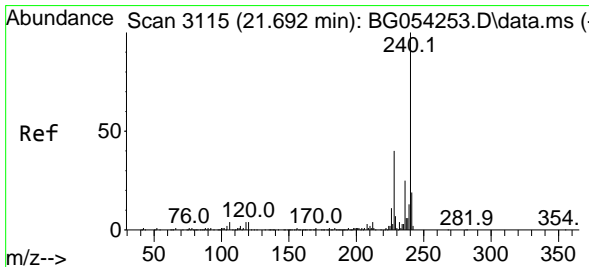
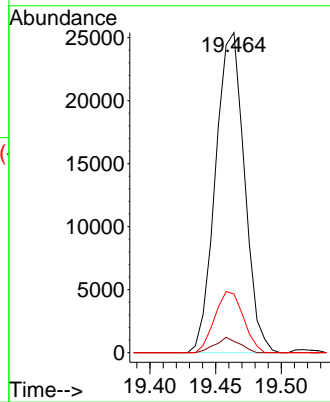
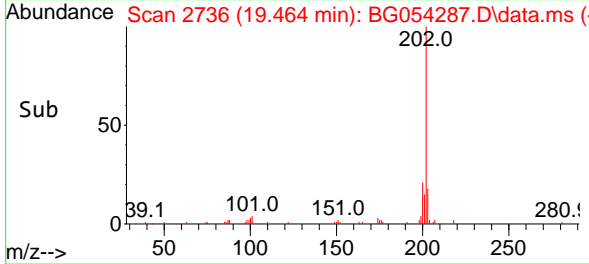


#75
 Fluoranthene
 Concen: 3.774 ng
 RT: 19.464 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Instrument :
 BNA_G
 ClientSampleId :
 PSC124019

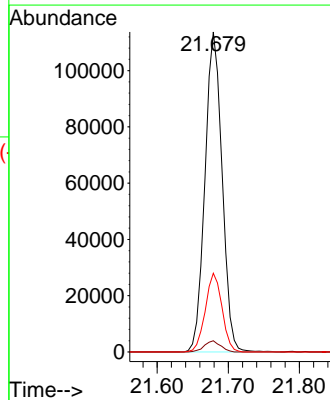
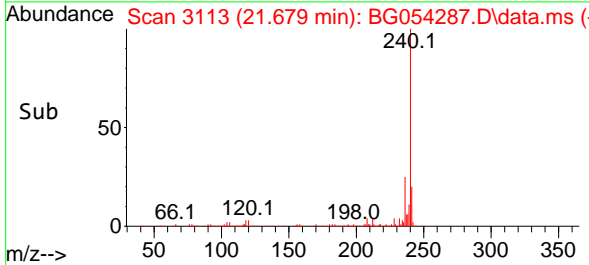
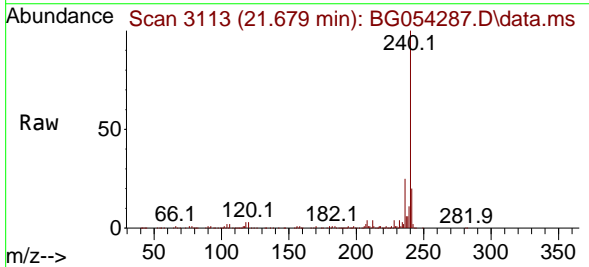


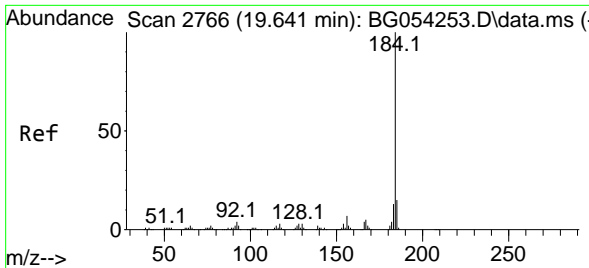
Tgt Ion:202 Resp: 38931
 Ion Ratio Lower Upper
 202 100
 101 3.6 0.0 26.9
 203 18.4 0.0 37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.679 min Scan# 3113
 Delta R.T. -0.013 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Tgt Ion:240 Resp: 190718
 Ion Ratio Lower Upper
 240 100
 120 3.5 4.6 7.0#
 236 24.6 20.2 30.4

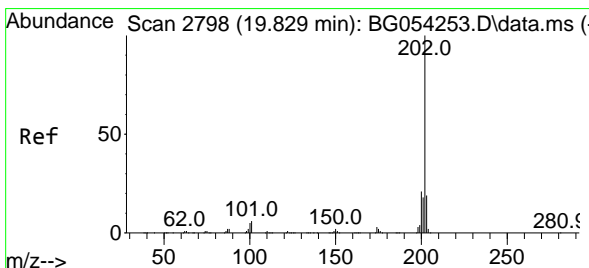
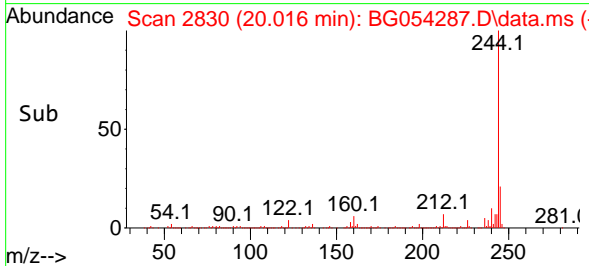
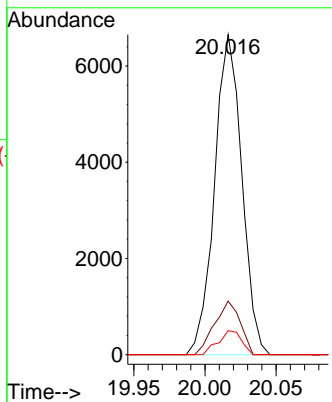
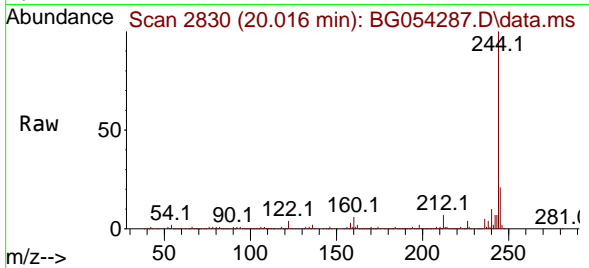




#77
 Benzidine
 Concen: 2.646 ng
 RT: 20.016 min Scan# 21
 Delta R.T. 0.375 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

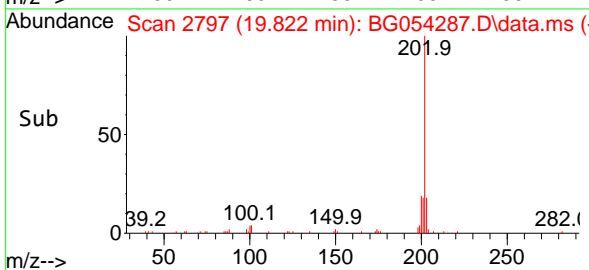
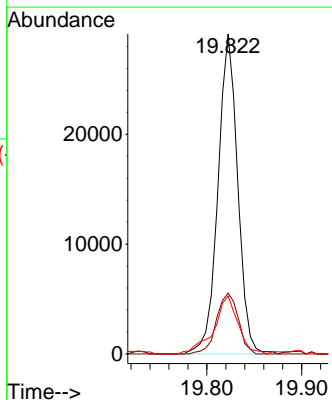
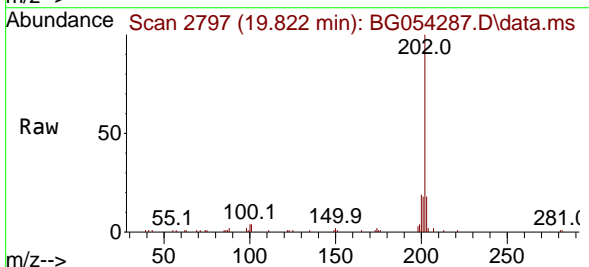
Instrument :
 BNA_G
 ClientSampleId :
 PSC124019

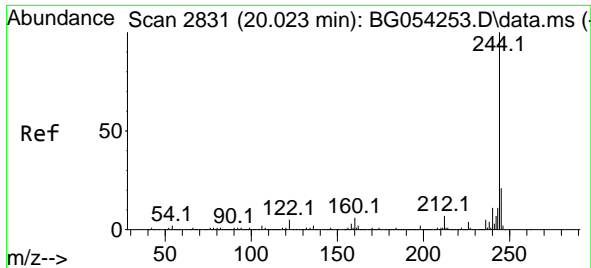
Tgt Ion:184 Resp: 8857
 Ion Ratio Lower Upper
 184 100
 185 16.8 11.8 17.6
 183 7.5 8.9 13.3#



#78
 Pyrene
 Concen: 3.843 ng
 RT: 19.822 min Scan# 2797
 Delta R.T. -0.007 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Tgt Ion:202 Resp: 42183
 Ion Ratio Lower Upper
 202 100
 200 19.0 16.6 24.8
 203 18.1 14.6 21.8



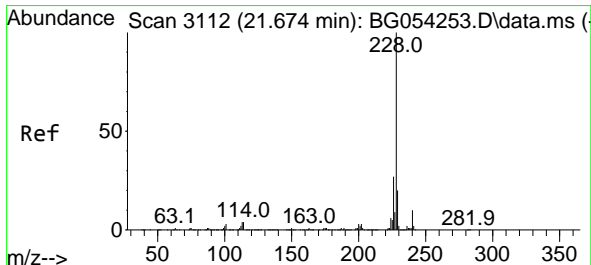
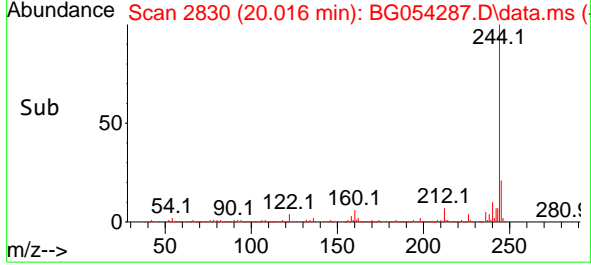
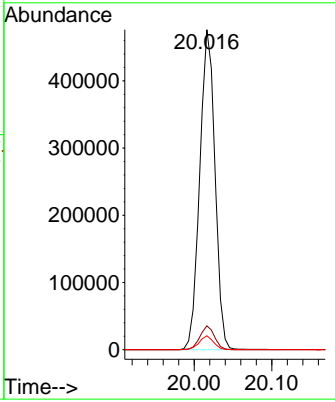
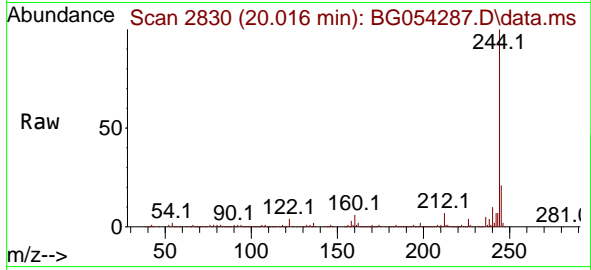


#79
 Terphenyl-d14
 Concen: 70.081 ng
 RT: 20.016 min Scan# 2831
 Delta R.T. -0.007 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Instrument : BNA_G
 ClientSampleId : PSC124019

Tgt Ion:244 Resp: 649964

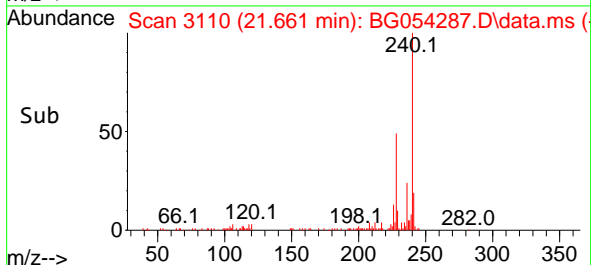
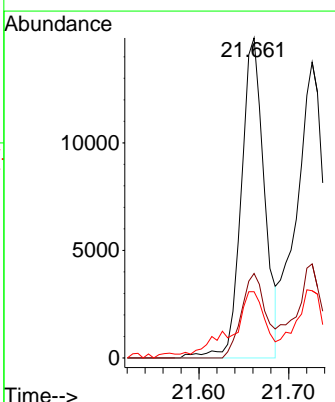
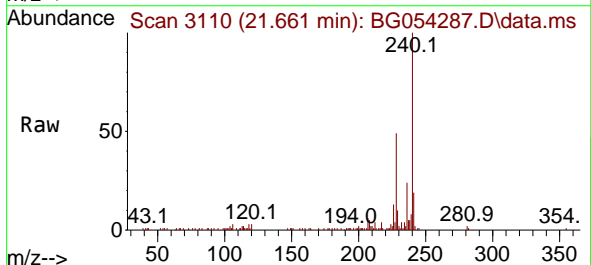
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	4.4	5.0	7.4

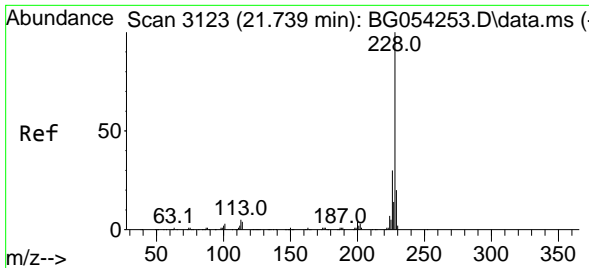


#81
 Benzo(a)anthracene
 Concen: 2.206 ng
 RT: 21.661 min Scan# 3110
 Delta R.T. -0.013 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Tgt Ion:228 Resp: 26613

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.6	32.4
229	20.7	16.2	24.2



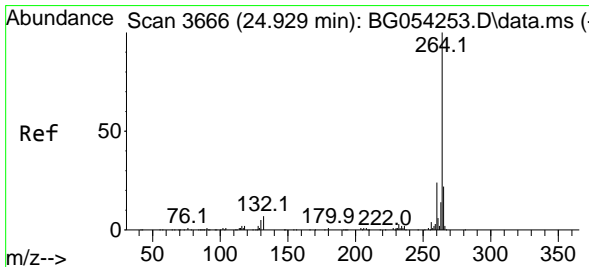
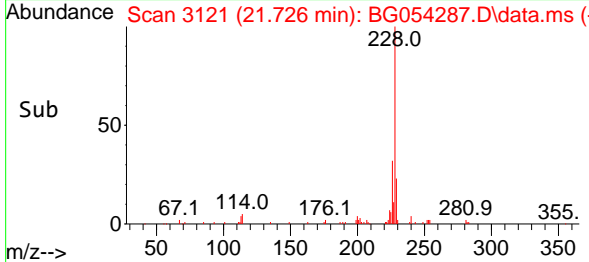
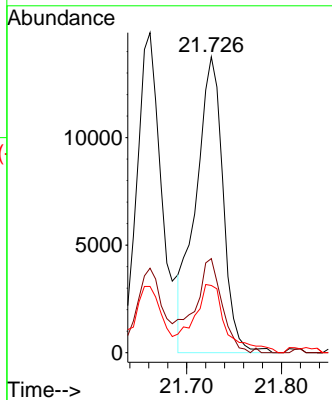
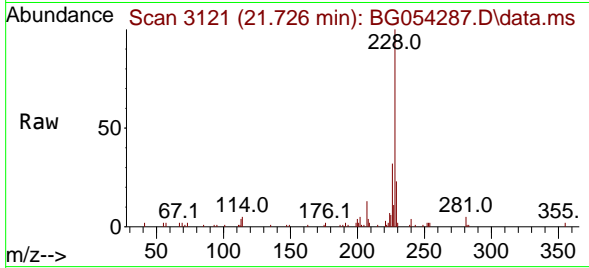


#83
 Chrysene
 Concen: 2.416 ng
 RT: 21.726 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Instrument : BNA_G
 ClientSampleId : PSC124019

Tgt Ion:228 Resp: 27563

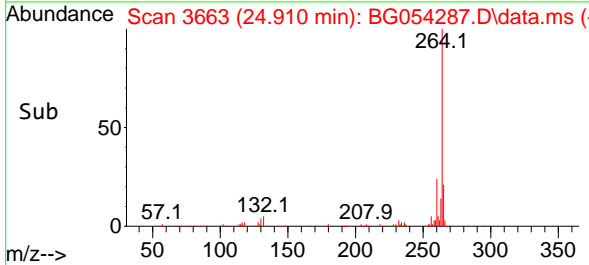
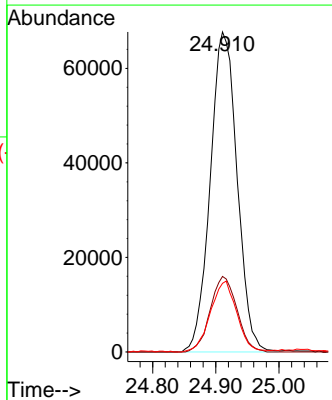
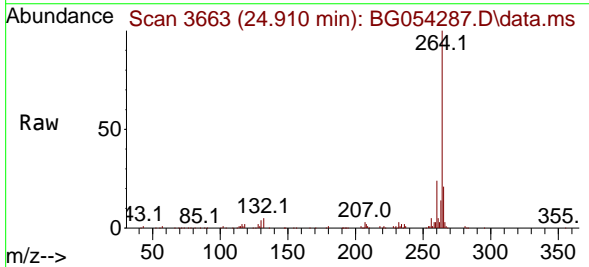
Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.2
229	22.7	15.5	23.3

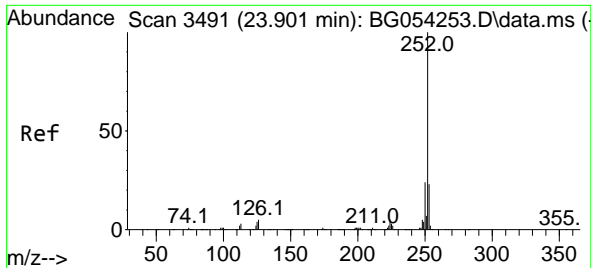


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.910 min Scan# 3663
 Delta R.T. -0.019 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Tgt Ion:264 Resp: 199902

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.5	17.4	26.2

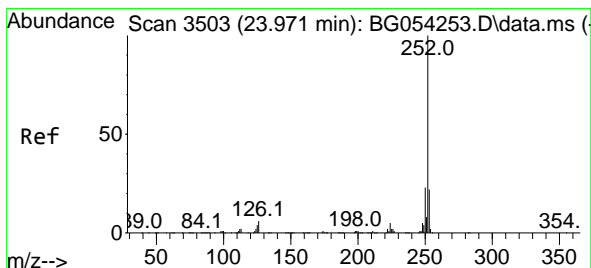
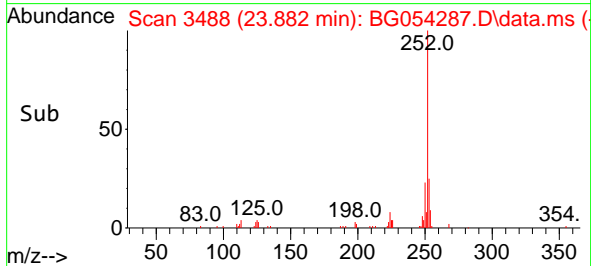
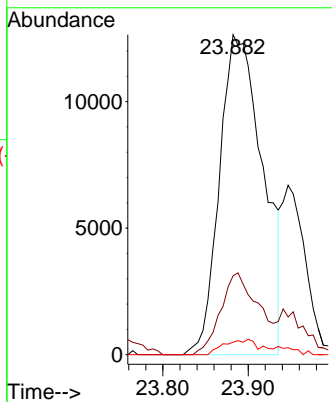
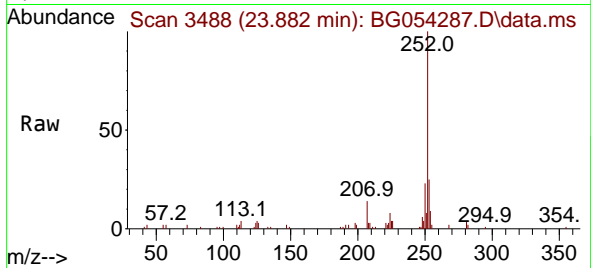




#88
 Benzo(b)fluoranthene
 Concen: 3.762 ng
 RT: 23.882 min Scan# 3488
 Delta R.T. -0.019 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

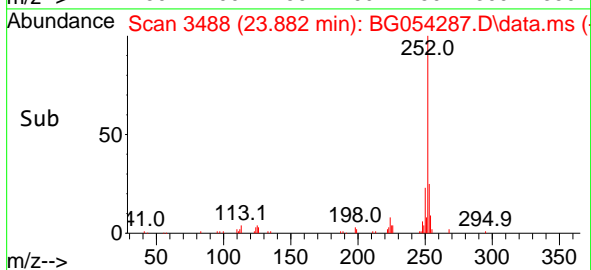
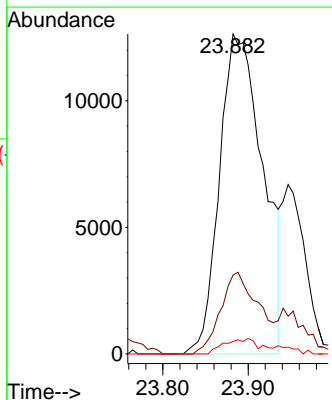
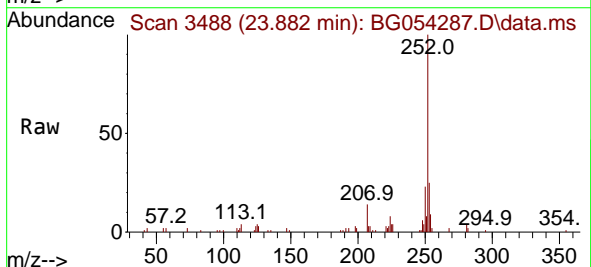
Instrument : BNA_G
 ClientSampleId : PSC124019

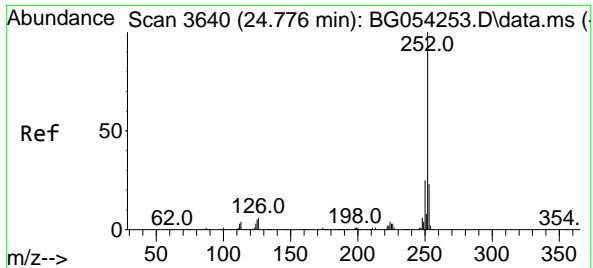
Tgt Ion	Resp	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	3.9	4.6	6.8



#89
 Benzo(k)fluoranthene
 Concen: 3.792 ng
 RT: 23.882 min Scan# 3488
 Delta R.T. -0.089 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	3.9	4.8	7.2





#90
 Benzo(a)pyrene
 Concen: 2.106 ng
 RT: 24.611 min Scan# 30
 Delta R.T. -0.166 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Instrument :
 BNA_G
 ClientSampleId :
 PSC124019

Tgt Ion:252 Resp: 21363

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	5.7	4.3	6.5

