

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053868.D
 Acq On : 9 Jun 2022 19:54
 Operator : CG/JU
 Sample : N3270-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11C

Quant Time: Jun 10 01:01:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

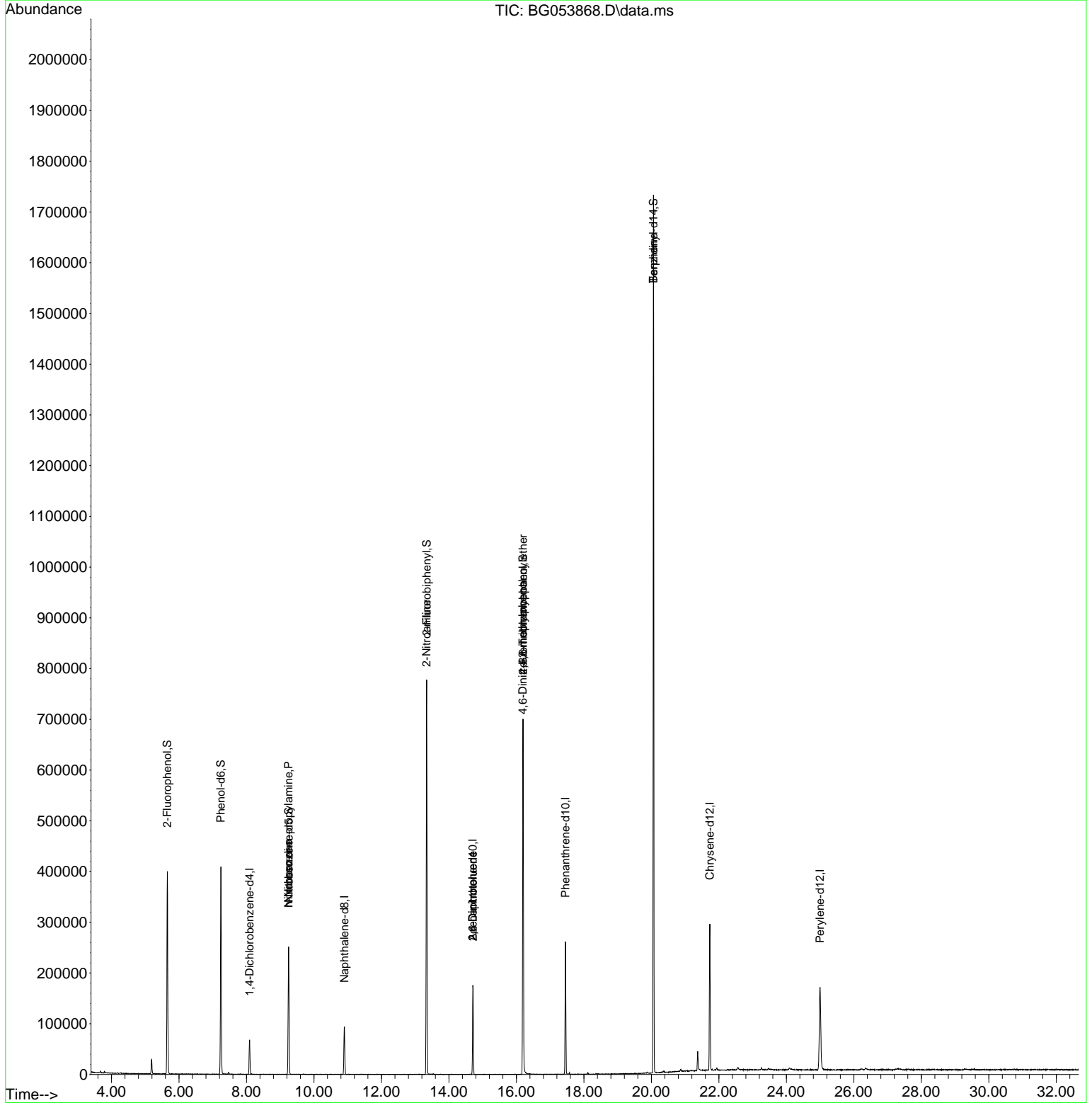
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	21457	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	89050	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	69319	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	186312	20.000	ng	# 0.00
76) Chrysene-d12	21.731	240	203101	20.000	ng	0.00
86) Perylene-d12	24.998	264	201693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	185939	159.132	ng	0.00
7) Phenol-d6	7.242	99	247790	156.552	ng	0.00
23) Nitrobenzene-d5	9.251	82	162424	119.776	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	176970	210.319	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	448235	96.736	ng	0.00
79) Terphenyl-d14	20.062	244	953521	93.399	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.245	70	21371	19.064	ng	# 79
24) Nitrobenzene	9.245	77	440	3.245	ng	# 48
48) 2-Nitroaniline	13.335	65	693	5.675	ng	# 1
51) 2,6-Dinitrotoluene	14.710	165	9512	13.604	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	9512	11.360	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.190	198	385	6.080	ng	# 63
67) 4-Bromophenyl-phenylether	16.196	248	11223	5.544	ng	# 1
77) Benzidine	20.062	184	12593	2.536	ng	# 96

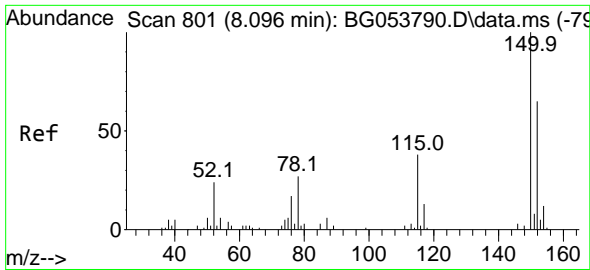
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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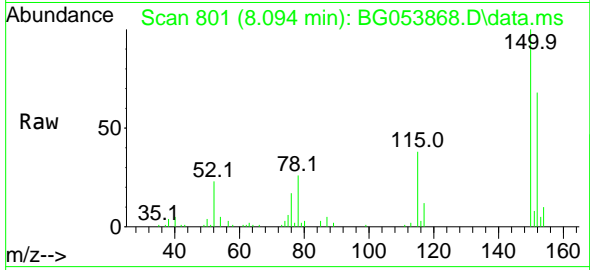
Quant Time: Jun 10 01:01:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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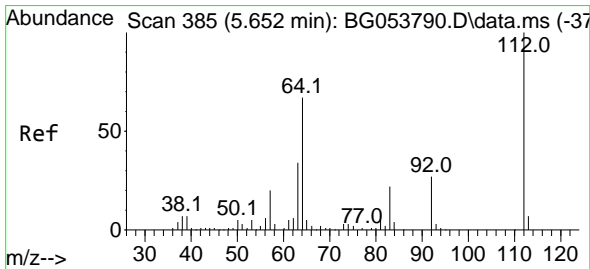
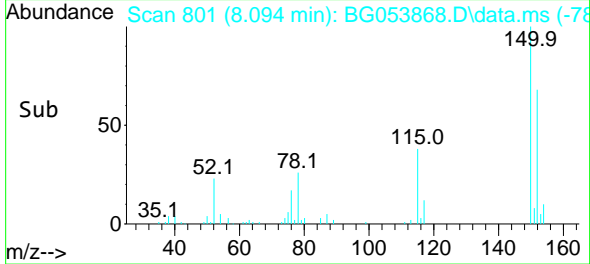
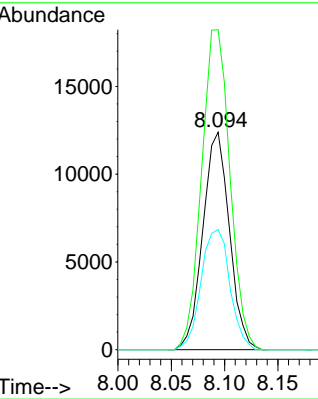


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.094 min Scan# 80
 Delta R.T. -0.002 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-11C

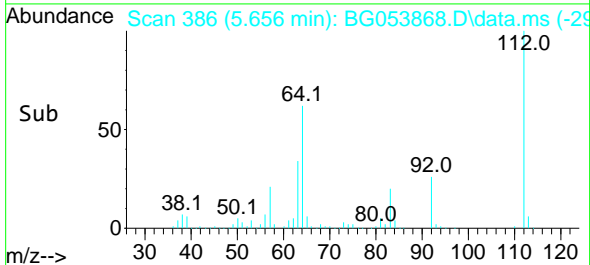
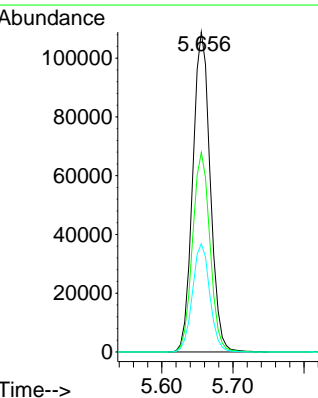
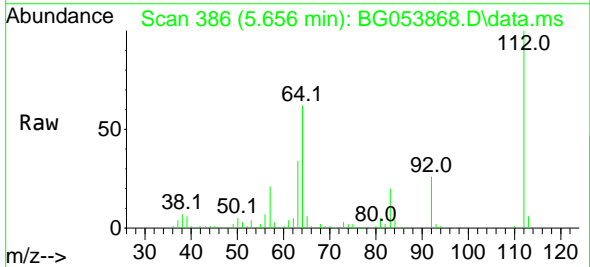


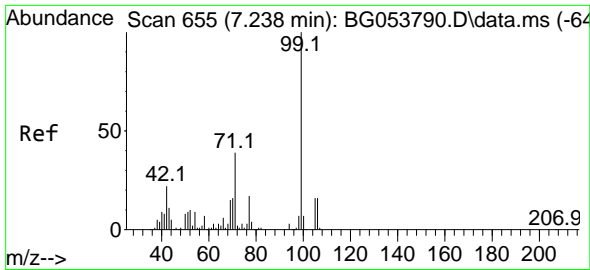
Tgt Ion:152 Resp: 21457
 Ion Ratio Lower Upper
 152 100
 150 147.1 131.6 197.4
 115 55.2 50.9 76.3



#5
 2-Fluorophenol
 Concen: 159.132 ng
 RT: 5.656 min Scan# 386
 Delta R.T. 0.004 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

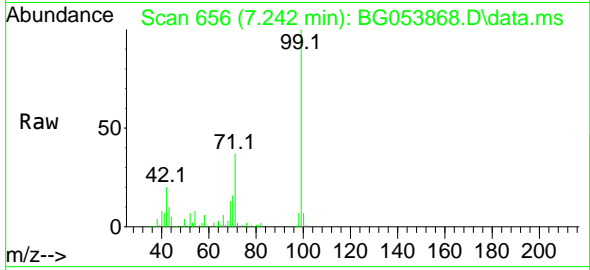
Tgt Ion:112 Resp: 185939
 Ion Ratio Lower Upper
 112 100
 64 62.4 55.1 82.7
 63 33.8 30.4 45.6



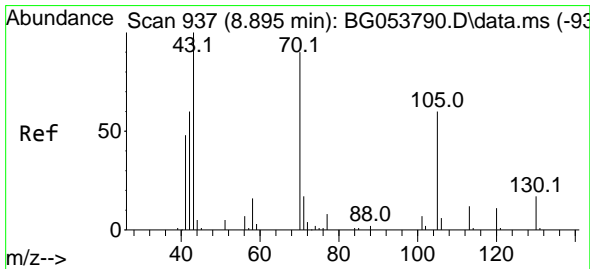
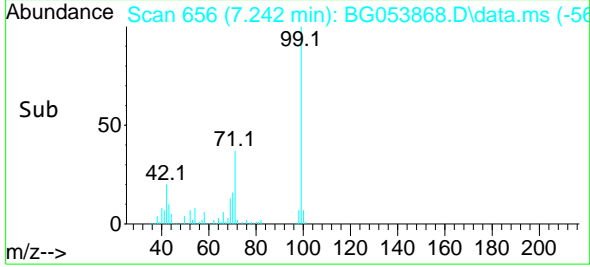
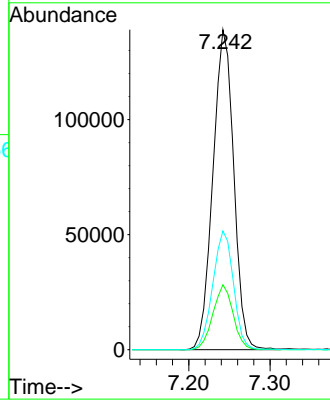


#7
Phenol-d6
Concen: 156.552 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053868.D
Acq: 9 Jun 2022 19:54

Instrument :
BNA_G
ClientSampleId :
TP-11C

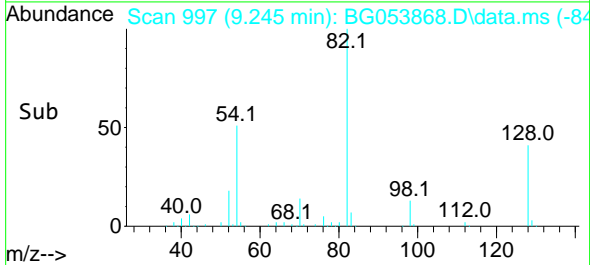
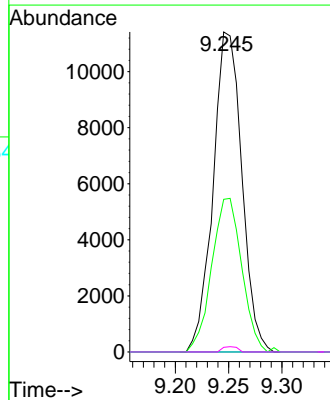
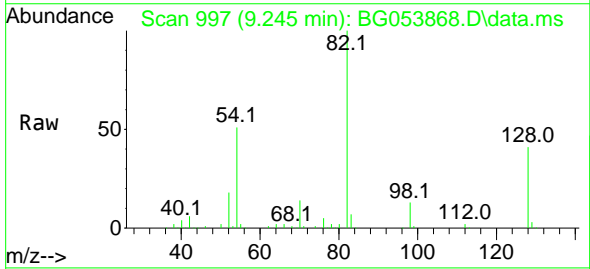


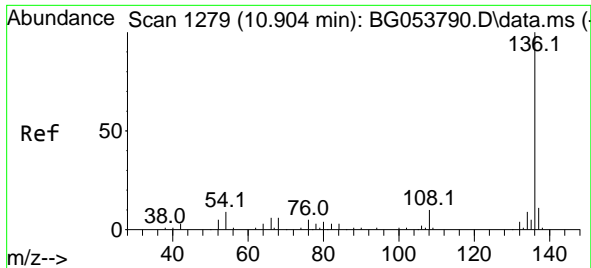
Tgt Ion: 99 Resp: 247790
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 37.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.064 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.350 min
Lab File: BG053868.D
Acq: 9 Jun 2022 19:54

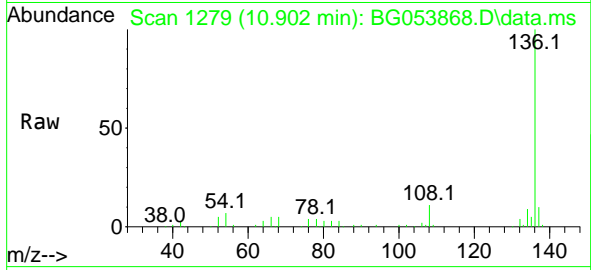
Tgt Ion: 70 Resp: 21371
Ion Ratio Lower Upper
70 100
42 47.7 47.3 70.9
101 0.0 7.0 10.4#
130 1.4 14.6 22.0#





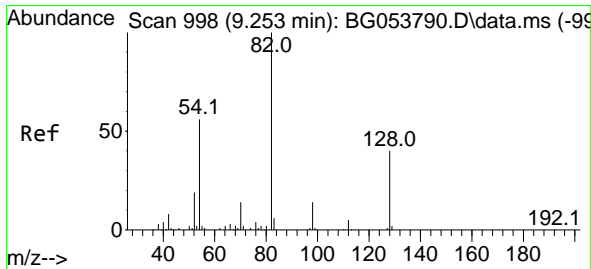
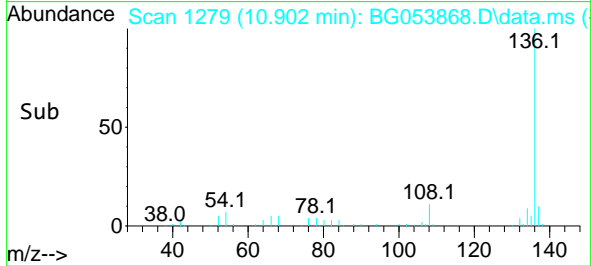
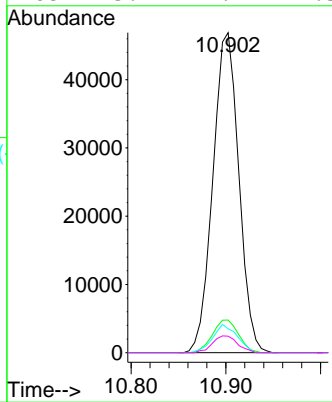
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.902 min Scan# 11
 Delta R.T. -0.002 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-11C



Tgt Ion:136 Resp: 89050

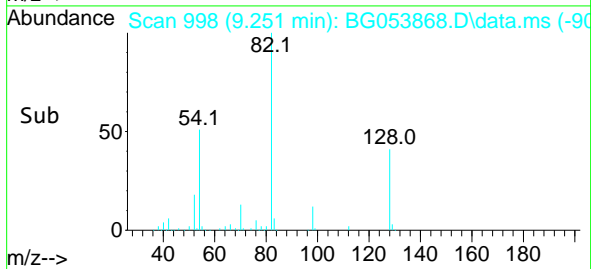
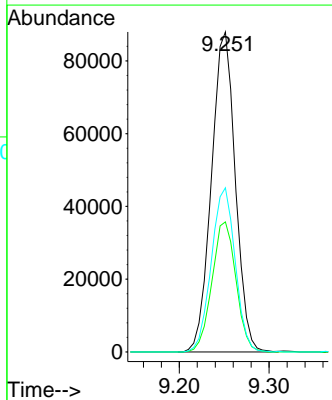
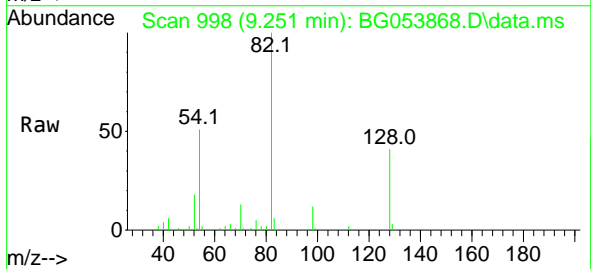
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	7.5	7.4	11.2
68	5.1	4.9	7.3

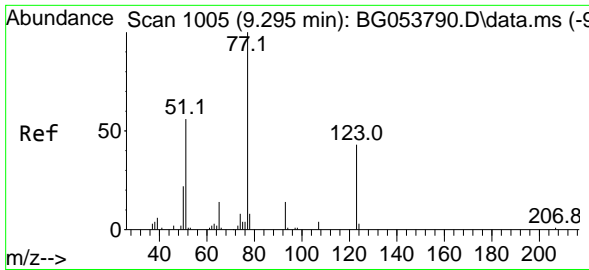


#23
 Nitrobenzene-d5
 Concen: 119.776 ng
 RT: 9.251 min Scan# 998
 Delta R.T. -0.002 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

Tgt Ion: 82 Resp: 162424

Ion	Ratio	Lower	Upper
82	100		
128	40.6	27.9	41.9
54	51.3	41.2	61.8

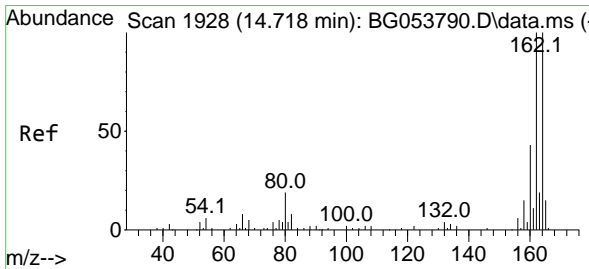
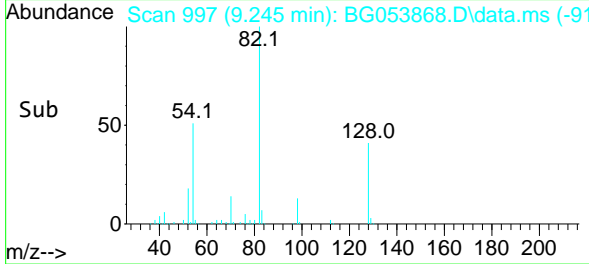
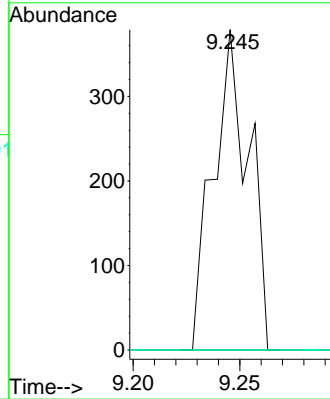
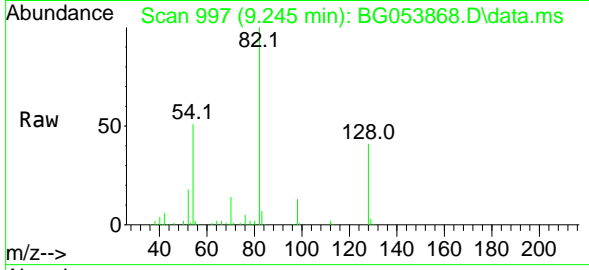




#24
 Nitrobenzene
 Concen: 3.245 ng
 RT: 9.245 min Scan# 91
 Delta R.T. -0.050 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

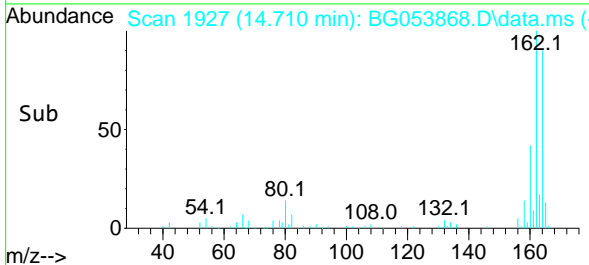
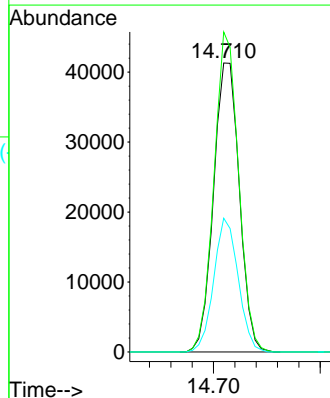
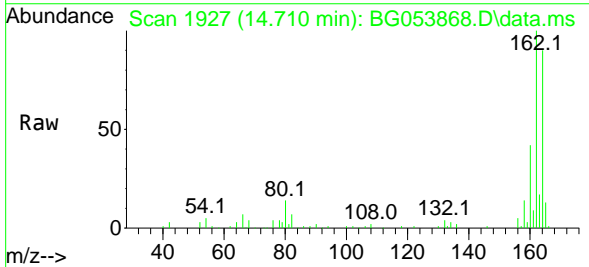
Instrument :
 BNA_G
 ClientSampleId :
 TP-11C

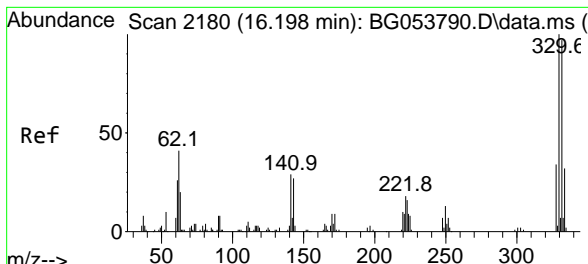
Tgt Ion	Resp	Lower	Upper
77	100		
123	0.0	27.4	41.0#
65	0.0	11.4	17.0#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.710 min Scan# 1927
 Delta R.T. -0.008 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

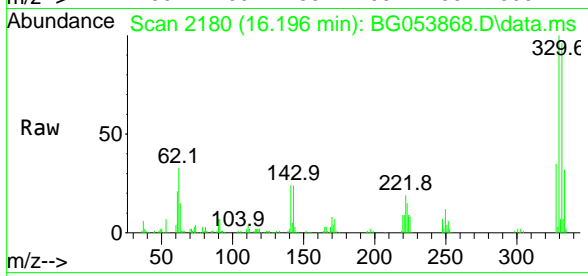
Tgt Ion	Resp	Lower	Upper
164	100		
162	110.7	82.3	123.5
160	46.3	34.2	51.2



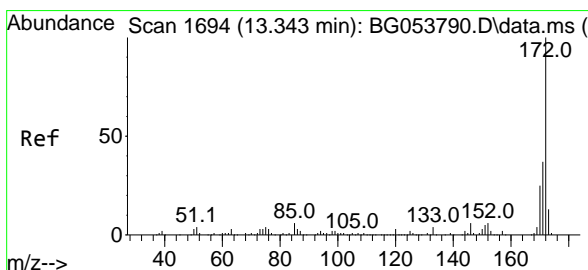
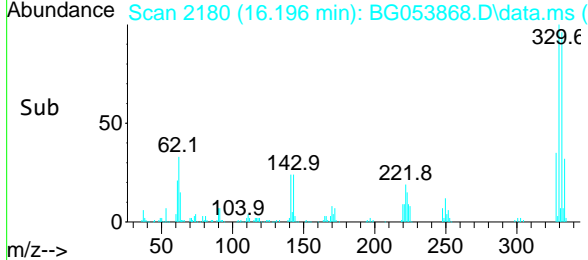
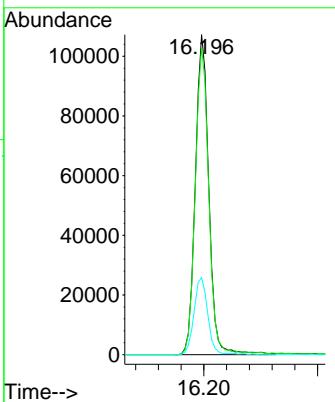


#42
 2,4,6-Tribromophenol
 Concen: 210.319 ng
 RT: 16.196 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

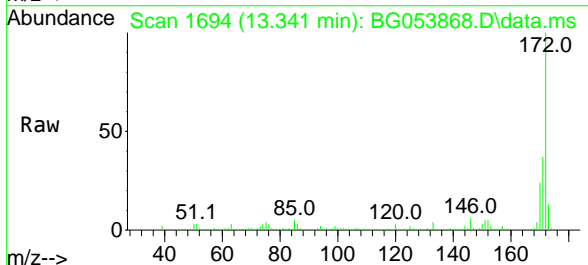
Instrument :
 BNA_G
 ClientSampleId :
 TP-11C



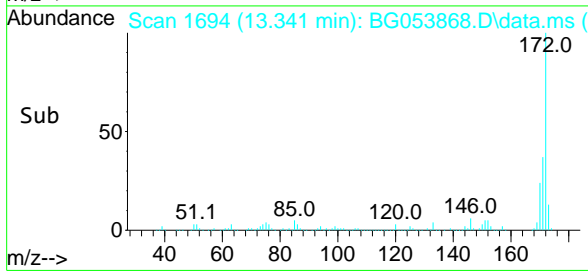
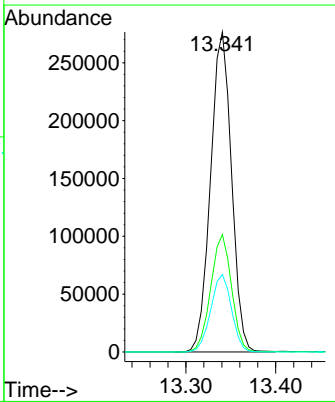
Tgt Ion:330 Resp: 176970
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.0 114.0
 141 24.7 27.1 40.7#

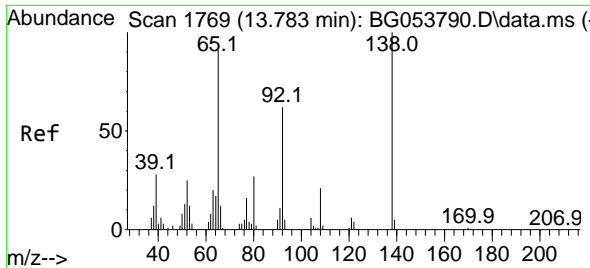


#45
 2-Fluorobiphenyl
 Concen: 96.736 ng
 RT: 13.341 min Scan# 1694
 Delta R.T. -0.002 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54



Tgt Ion:172 Resp: 448235
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.5 42.7
 170 24.2 18.9 28.3

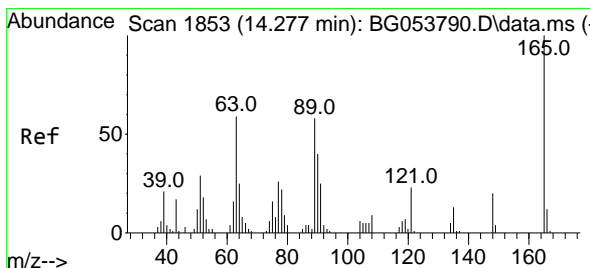
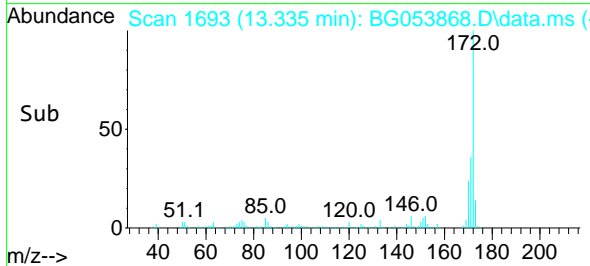
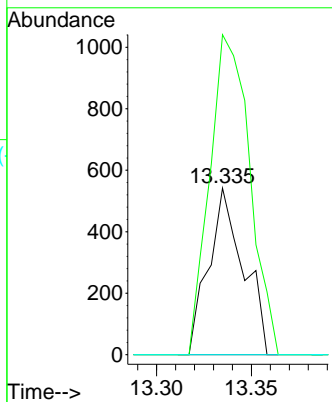
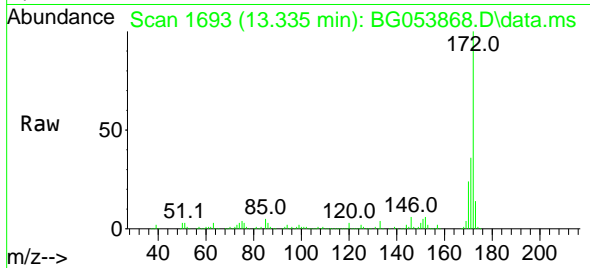




#48
 2-Nitroaniline
 Concen: 5.675 ng
 RT: 13.335 min Scan# 110
 Delta R.T. -0.448 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

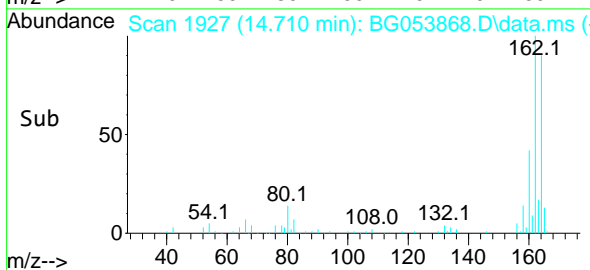
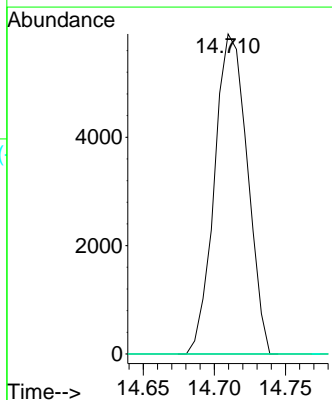
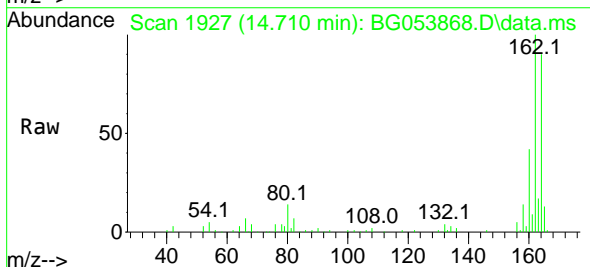
Instrument : BNA_G
 ClientSampleId : TP-11C

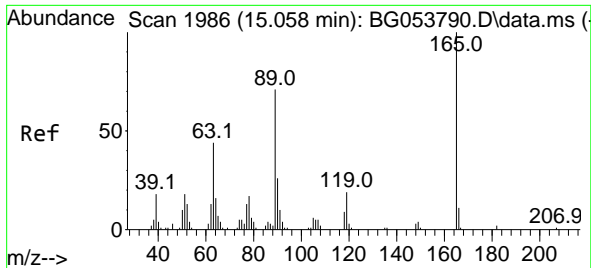
Tgt Ion	Resp	Lower	Upper
65	100		
92	192.1	51.5	77.3#
138	0.0	71.3	106.9#



#51
 2,6-Dinitrotoluene
 Concen: 13.604 ng
 RT: 14.710 min Scan# 1927
 Delta R.T. 0.433 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

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



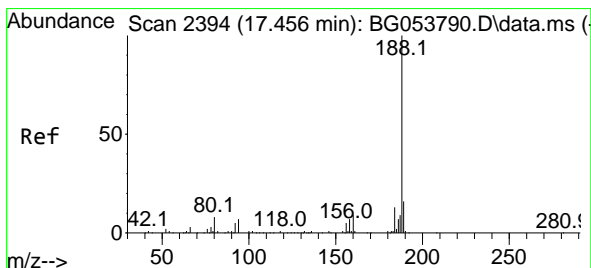
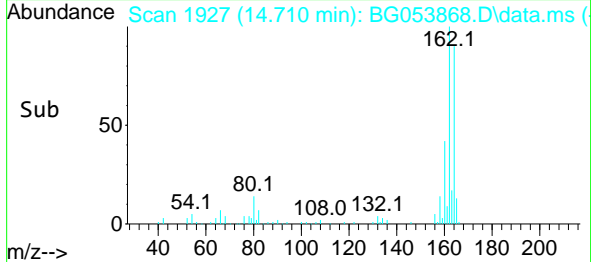
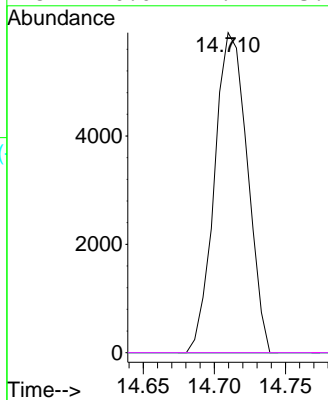
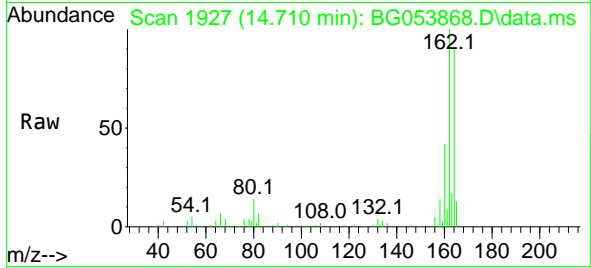


#57
 2,4-Dinitrotoluene
 Concen: 11.360 ng
 RT: 14.710 min Scan# 14
 Delta R.T. -0.348 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-11C

Tgt Ion:165 Resp: 9512

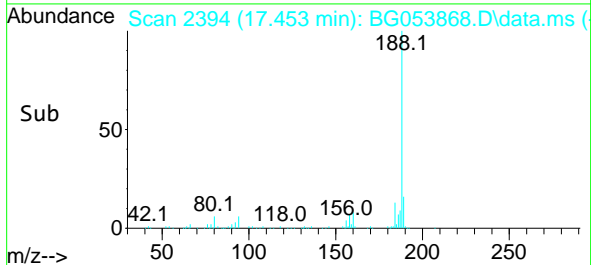
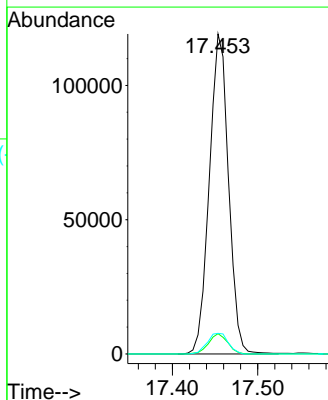
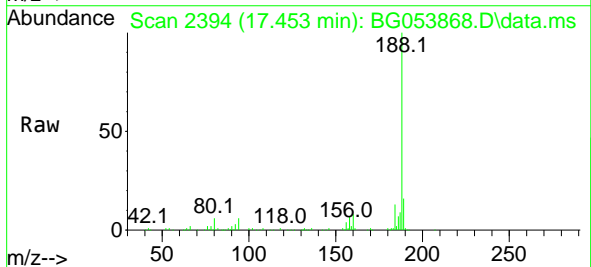
Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

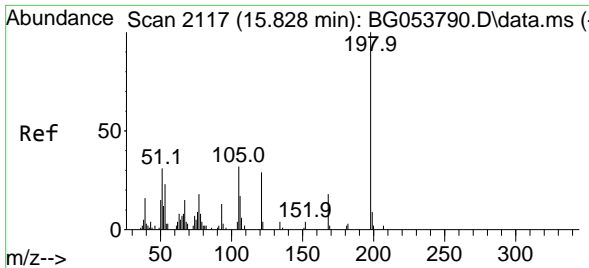


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.453 min Scan# 2394
 Delta R.T. -0.003 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

Tgt Ion:188 Resp: 186312

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.0
80	6.5	6.8	10.2#

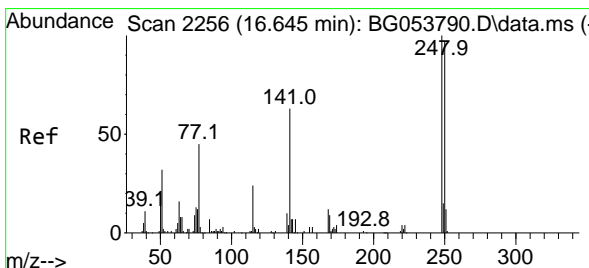
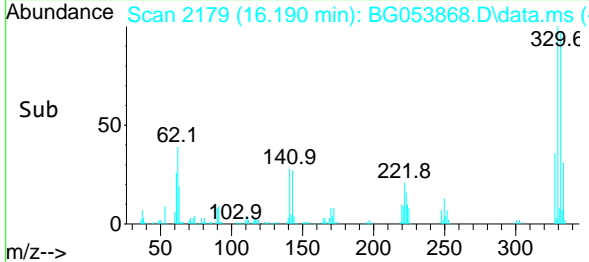
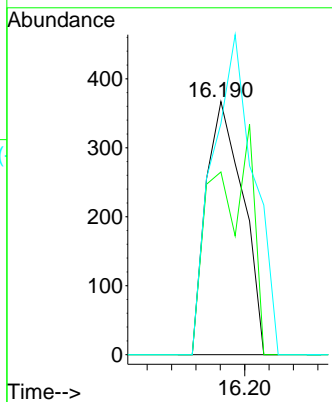
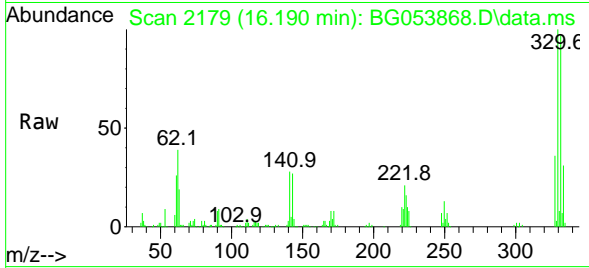




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.080 ng
 RT: 16.190 min Scan# 2117
 Delta R.T. 0.362 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

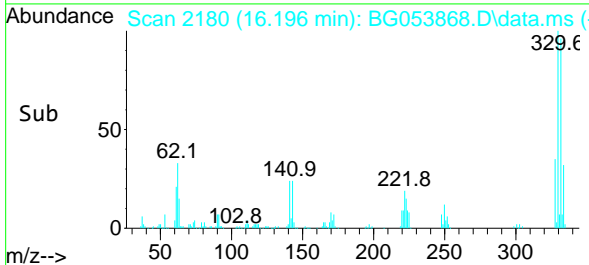
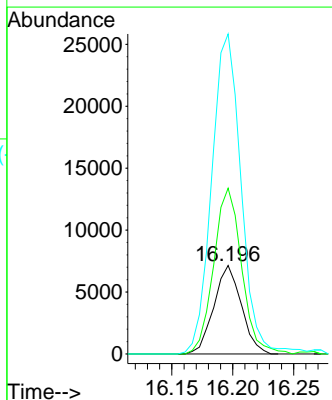
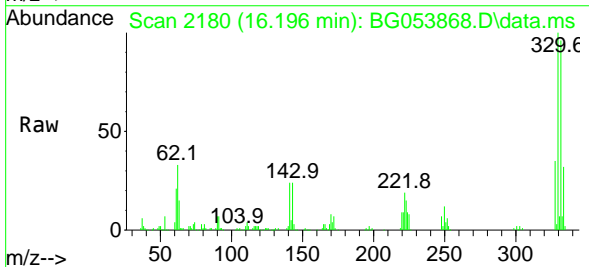
Instrument :
 BNA_G
 ClientSampleId :
 TP-11C

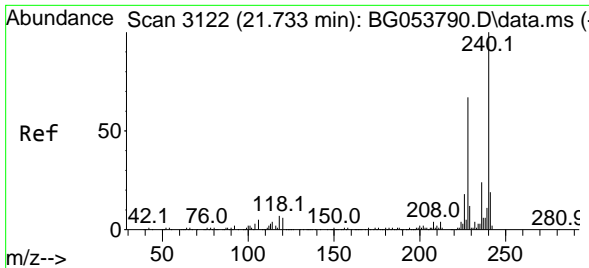
Tgt Ion	Resp	Lower	Upper
198	100		
51	17.9	28.1	68.1#
105	22.6	20.3	60.3



#67
 4-Bromophenyl-phenylether
 Concen: 5.544 ng
 RT: 16.196 min Scan# 2180
 Delta R.T. -0.449 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

Tgt Ion	Resp	Lower	Upper
248	100		
250	188.6	75.2	112.8#
141	279.5	50.0	75.0#



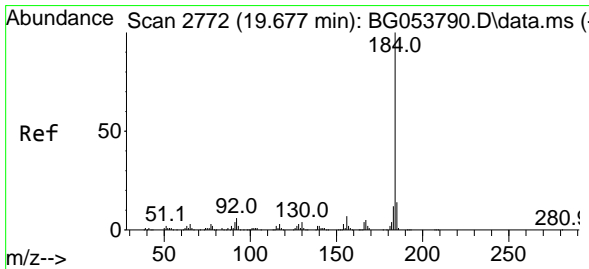
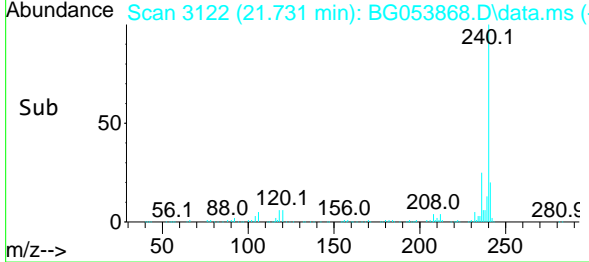
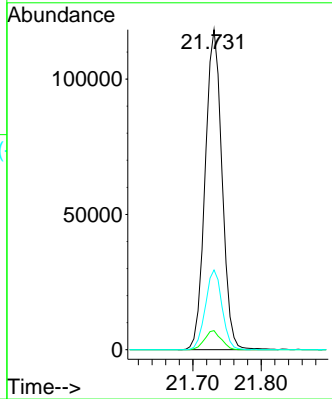
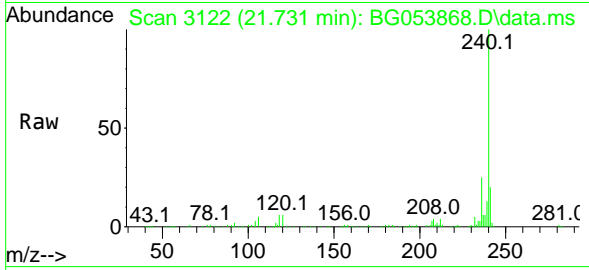


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.731 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

Instrument : BNA_G
 ClientSampleId : TP-11C

Tgt Ion:240 Resp: 203101

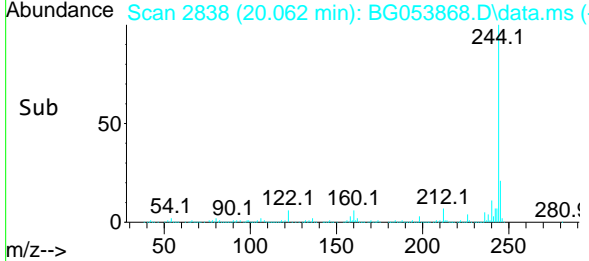
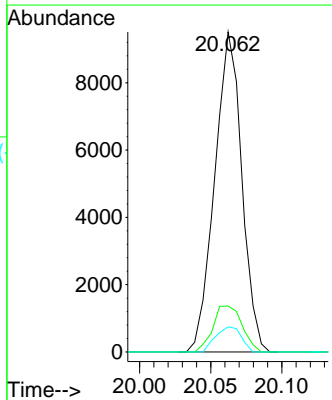
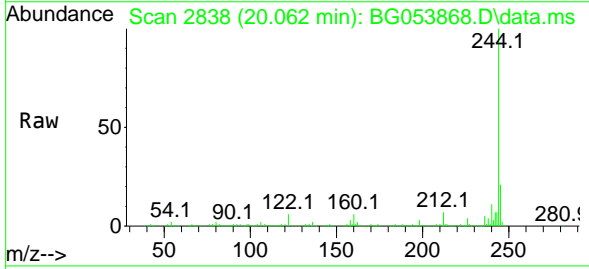
Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	7.0
236	24.9	20.2	30.4

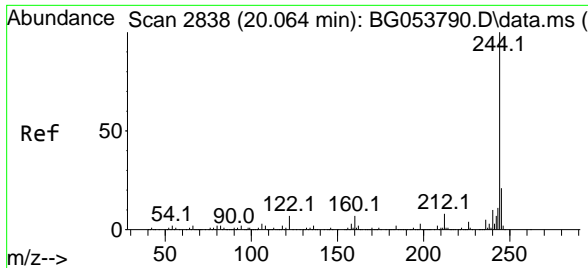


#77
 Benzdine
 Concen: 2.536 ng
 RT: 20.062 min Scan# 2838
 Delta R.T. 0.386 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

Tgt Ion:184 Resp: 12593

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.6
183	7.8	8.9	13.3



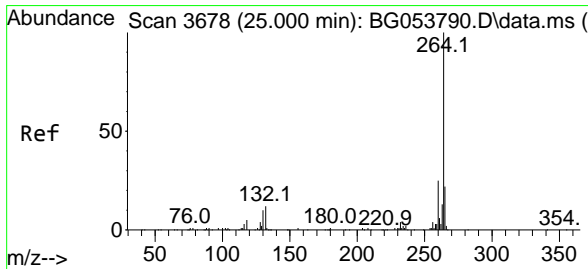
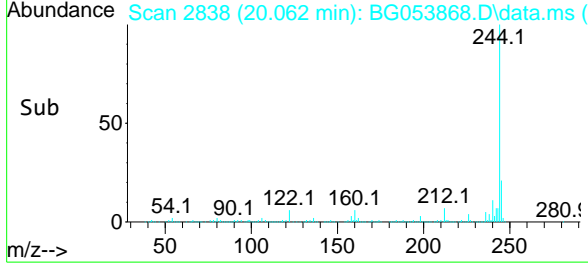
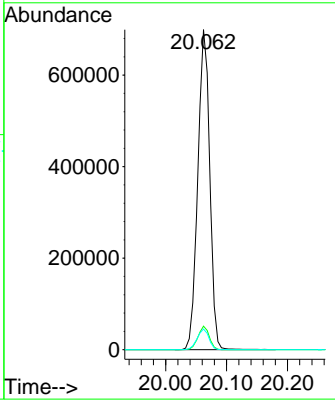
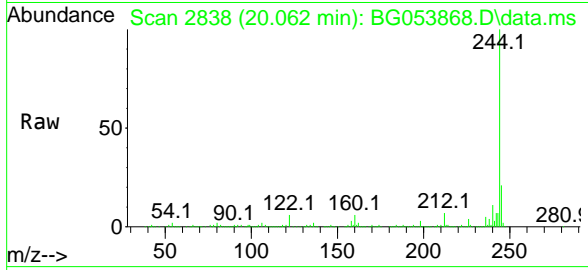


#79
 Terphenyl-d14
 Concen: 93.399 ng
 RT: 20.062 min Scan# 2838
 Delta R.T. -0.002 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

Instrument : BNA_G
 ClientSampleId : TP-11C

Tgt Ion:244 Resp: 953521

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	6.5	5.0	7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 3678
 Delta R.T. -0.002 min
 Lab File: BG053868.D
 Acq: 9 Jun 2022 19:54

Tgt Ion:264 Resp: 201693

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.0	28.6
265	21.2	17.4	26.2

