

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055703.D
 Acq On : 18 Nov 2022 23:42
 Operator : CG/JU
 Sample : N5504-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV34211LDL

Quant Time: Nov 19 00:45:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

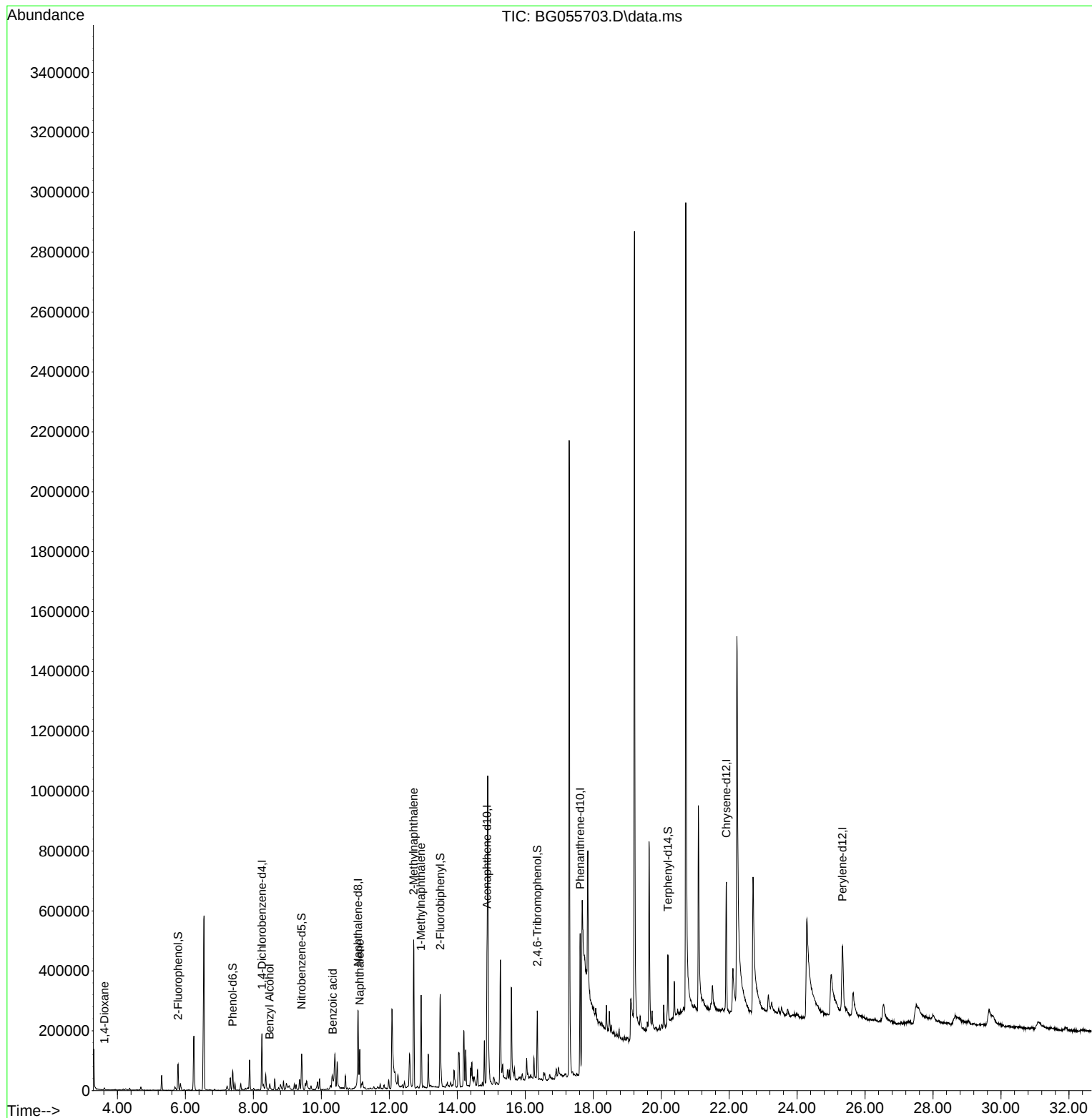
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	53319	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	224166	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	148086	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	306451	20.000	ng	0.00
76) Chrysene-d12	21.919	240	294514	20.000	ng	0.00
86) Perylene-d12	25.338	264	301738	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	39065	13.243	ng	0.00
7) Phenol-d6	7.395	99	31392	7.994	ng	0.00
23) Nitrobenzene-d5	9.422	82	68306	16.105	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	47288	22.677	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	166094	16.803	ng	0.00
79) Terphenyl-d14	20.203	244	109485	7.435	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.617	88	3138	2.489	ng	97
15) Benzyl Alcohol	8.482	79	8225	2.577	ng	97
31) Naphthalene	11.132	128	100719	8.311	ng	100
32) Benzoic acid	10.338	122	13850	5.409	ng	97
37) 2-Methylnaphthalene	12.718	142	239015	26.343	ng	99
38) 1-Methylnaphthalene	12.935	142	146144	16.592	ng	99

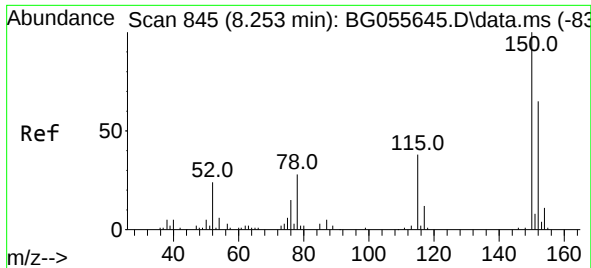
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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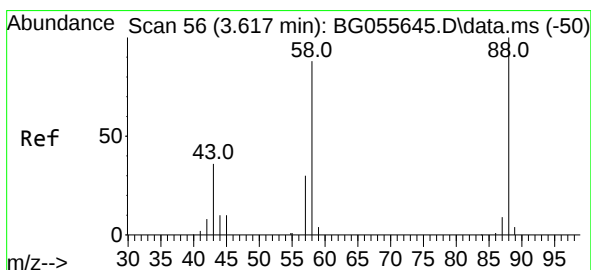
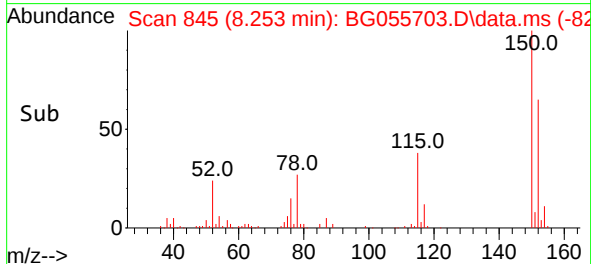
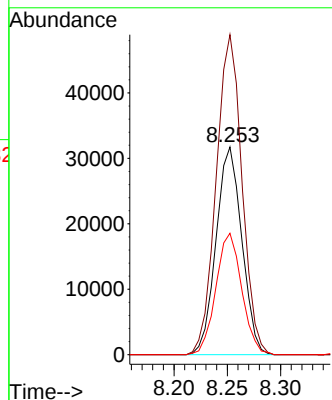
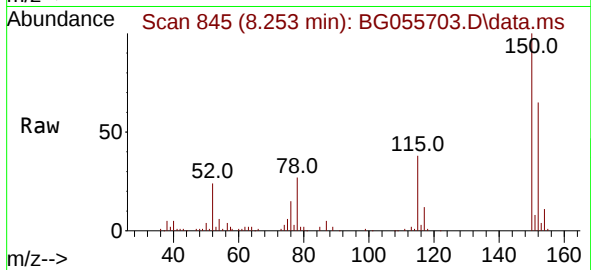




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.253 min Scan# 845
 Delta R.T. -0.000 min
 Lab File: BG055703.D
 Acq: 18 Nov 2022 23:42

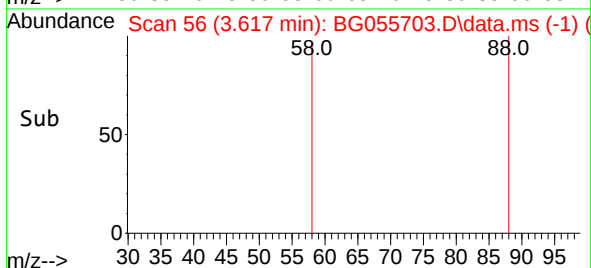
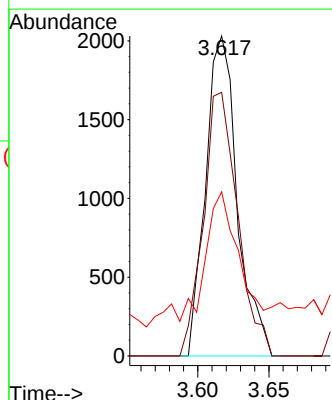
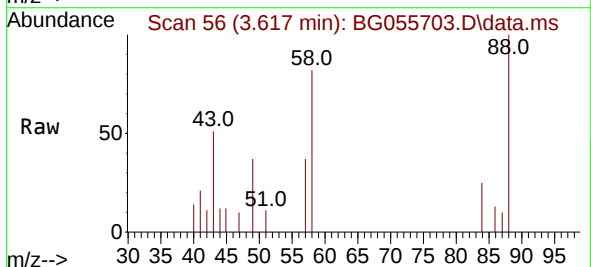
Instrument :
 BNA_G
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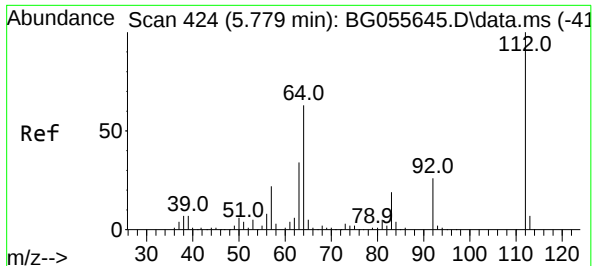
Tgt Ion:152 Resp: 53319
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.0 184.6
 115 58.5 47.0 70.4



#2
 1,4-Dioxane
 Concen: 2.489 ng
 RT: 3.617 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BG055703.D
 Acq: 18 Nov 2022 23:42

Tgt Ion: 88 Resp: 3138
 Ion Ratio Lower Upper
 88 100
 58 89.3 71.3 106.9
 43 41.2 28.6 43.0

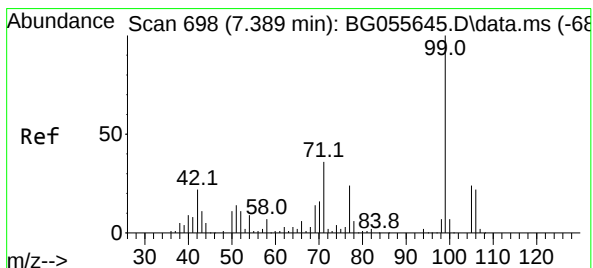
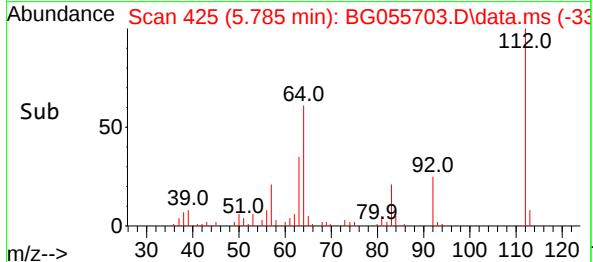
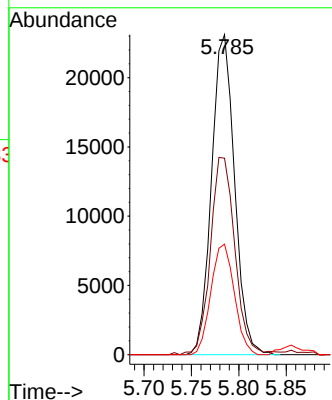
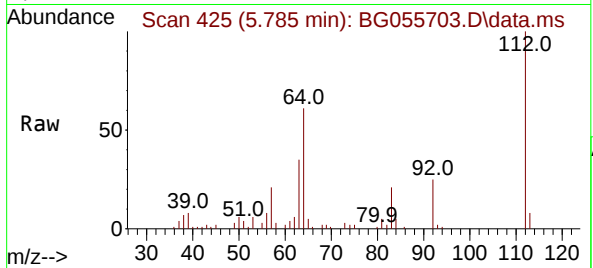




#5
2-Fluorophenol
Concen: 13.243 ng
RT: 5.785 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

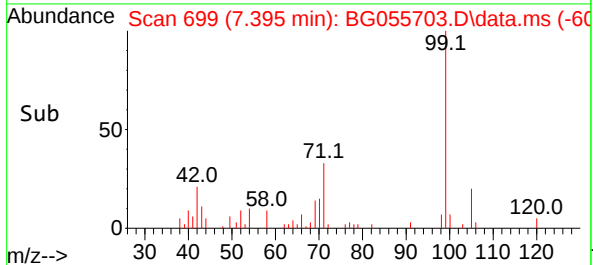
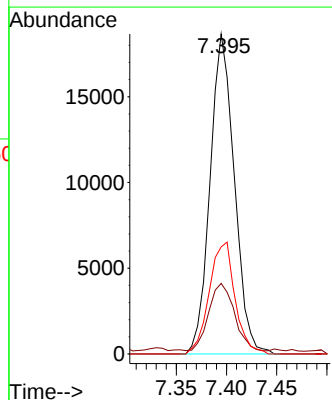
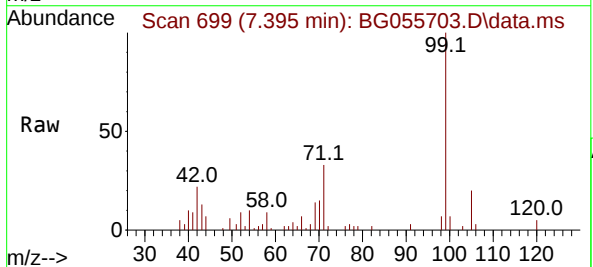
Instrument :
BNA_G
ClientSampleId :
SV34211LDL

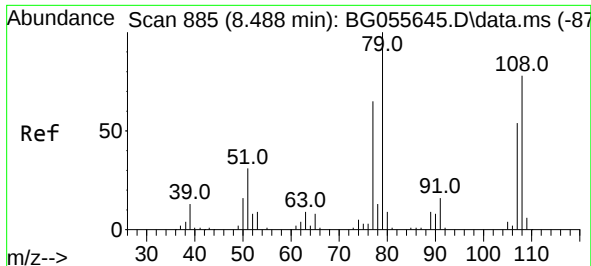
Tgt Ion:112 Resp: 39065
Ion Ratio Lower Upper
112 100
64 61.4 50.6 76.0
63 34.5 27.5 41.3



#7
Phenol-d6
Concen: 7.994 ng
RT: 7.395 min Scan# 699
Delta R.T. 0.006 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

Tgt Ion: 99 Resp: 31392
Ion Ratio Lower Upper
99 100
42 22.1 18.0 27.0
71 33.4 29.0 43.6

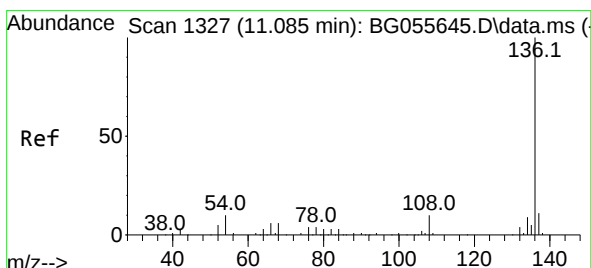
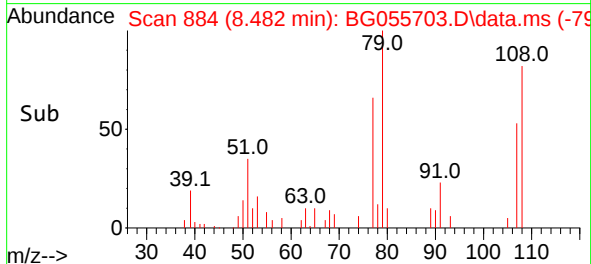
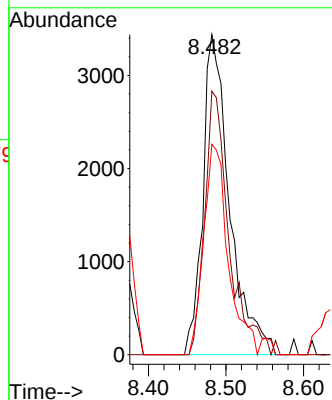
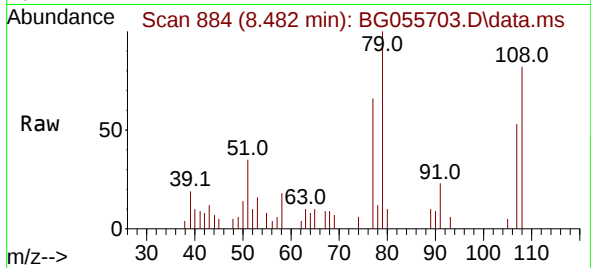




#15
Benzyl Alcohol
Concen: 2.577 ng
RT: 8.482 min Scan# 885
Delta R.T. -0.006 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

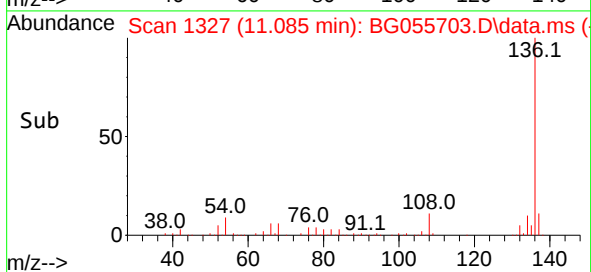
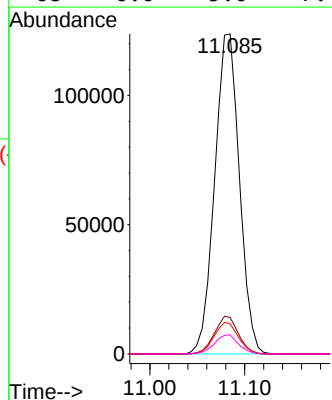
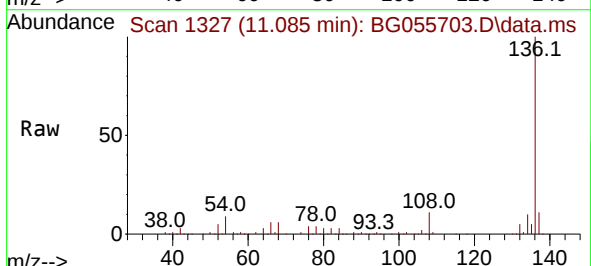
Instrument :
BNA_G
ClientSampleId :
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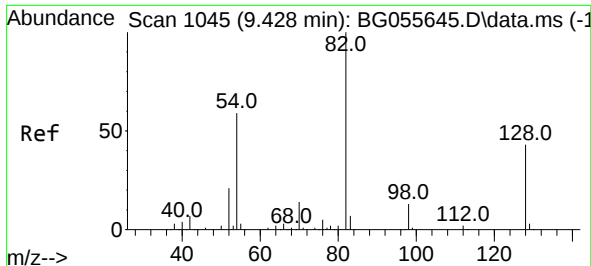
Tgt Ion: 79 Resp: 8225
Ion Ratio Lower Upper
79 100
108 82.3 62.6 93.8
77 65.7 52.4 78.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

Tgt Ion: 136 Resp: 224166
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.4 7.8 11.6
68 6.0 5.0 7.4

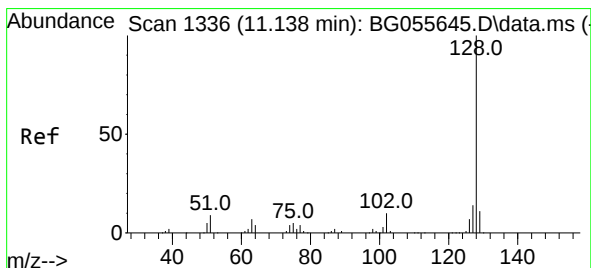
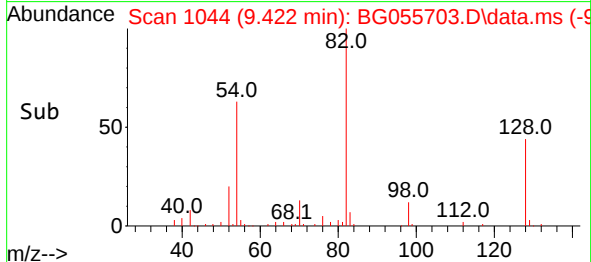
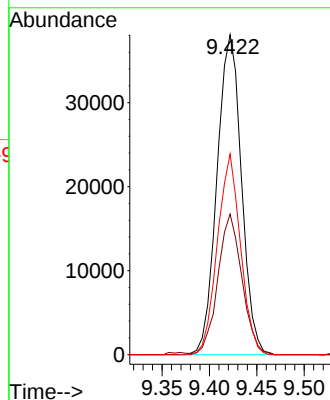
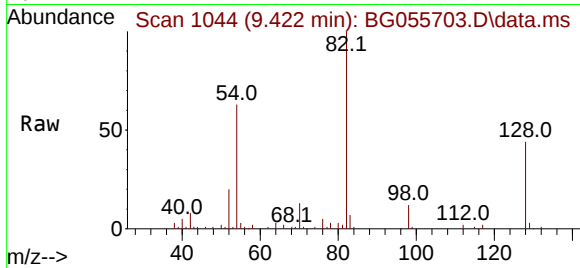




#23
Nitrobenzene-d5
Concen: 16.105 ng
RT: 9.422 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

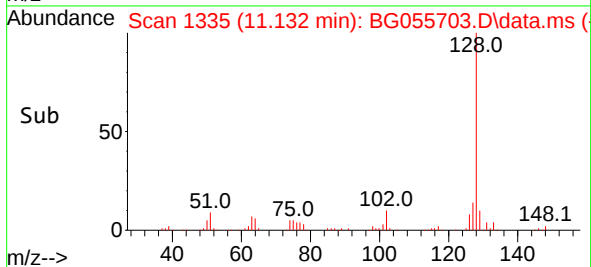
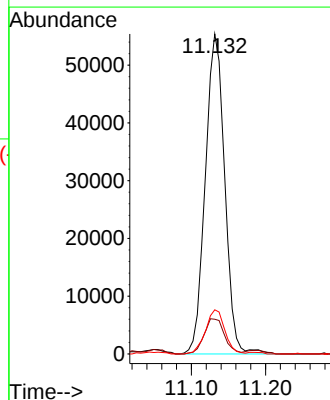
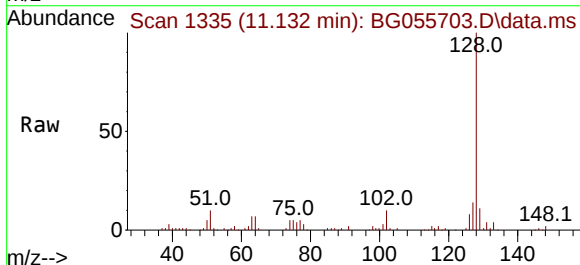
Instrument :
BNA_G
ClientSampleId :
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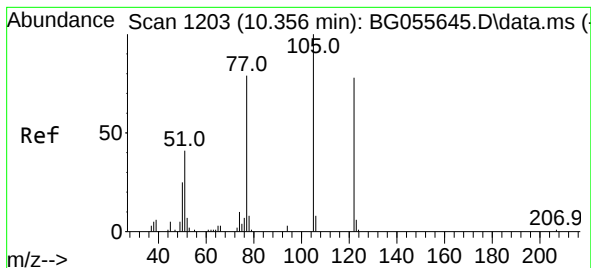
Tgt Ion: 82 Resp: 68306
Ion Ratio Lower Upper
82 100
128 44.0 34.1 51.1
54 62.7 47.3 70.9



#31
Naphthalene
Concen: 8.311 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

Tgt Ion:128 Resp: 100719
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.8 10.9 16.3

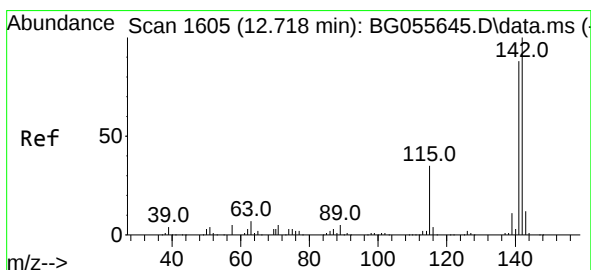
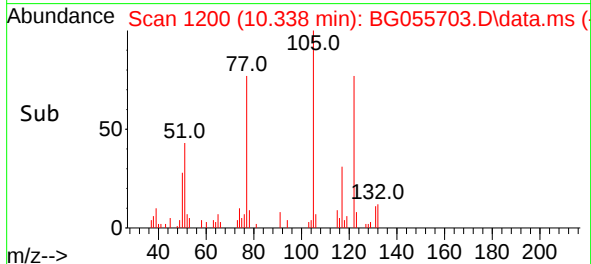
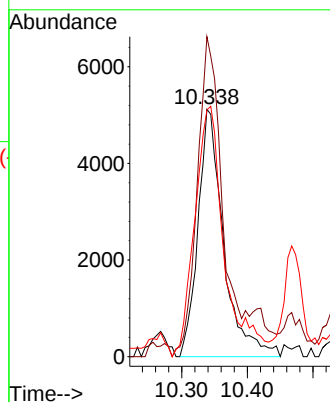
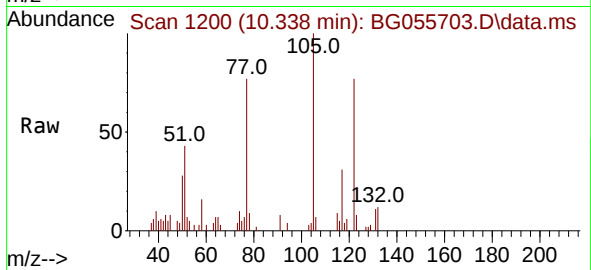




#32
Benzoic acid
Concen: 5.409 ng
RT: 10.338 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

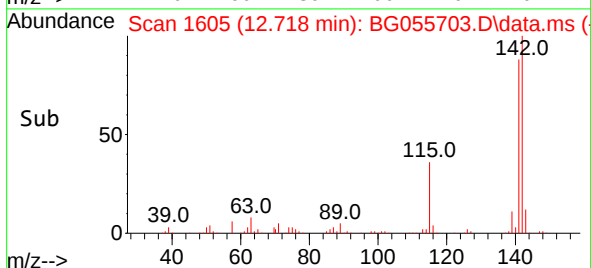
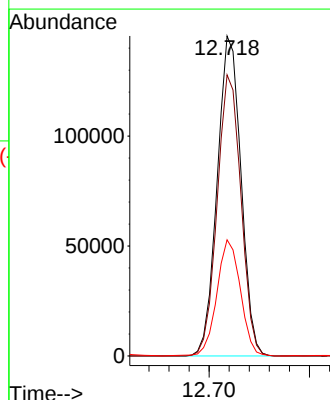
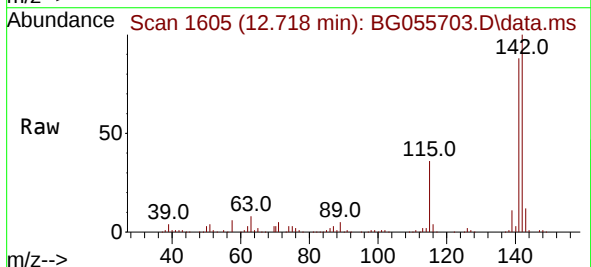
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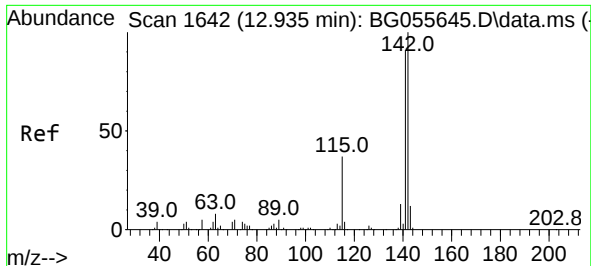
Tgt Ion:	122	Resp:	13850
Ion	Ratio	Lower	Upper
122	100		
105	129.3	104.3	144.3
77	99.7	79.9	119.9



#37
2-Methylnaphthalene
Concen: 26.343 ng
RT: 12.718 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

Tgt Ion:	142	Resp:	239015
Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.3	105.5
115	36.3	27.9	41.9

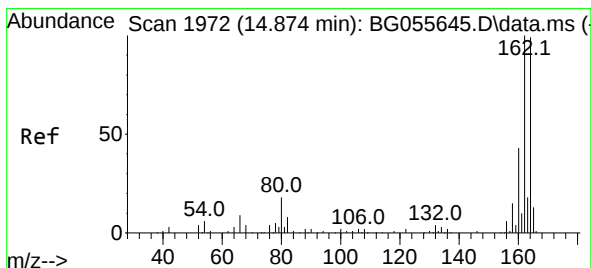
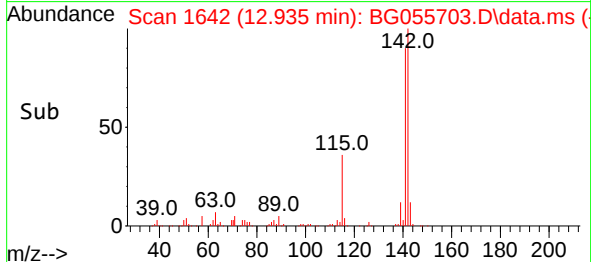
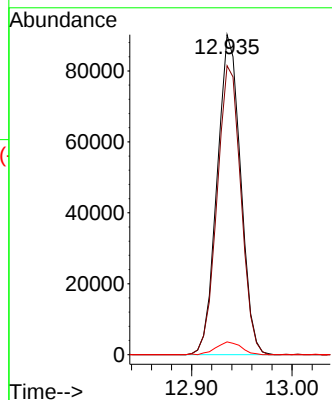
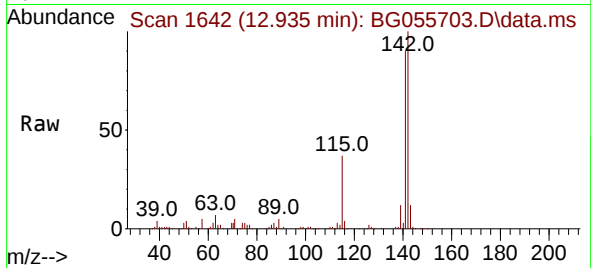




#38
1-Methylnaphthalene
Concen: 16.592 ng
RT: 12.935 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

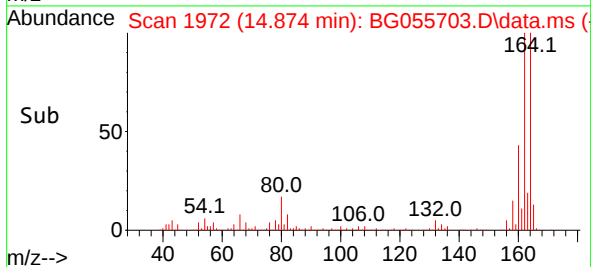
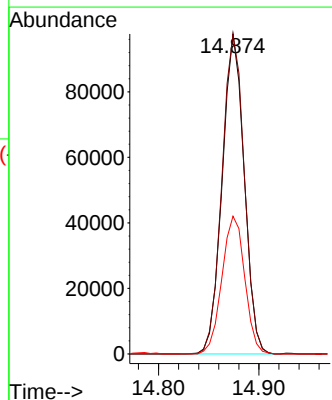
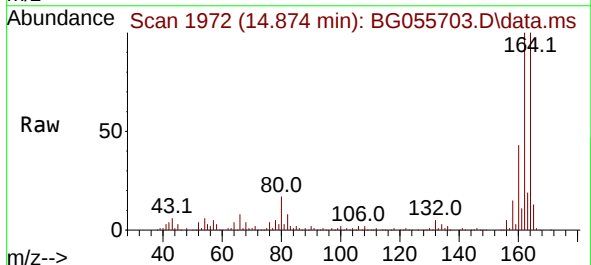
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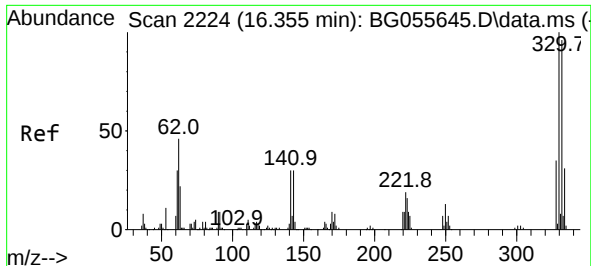
Tgt Ion:142 Resp: 146144
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4
116 4.0 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

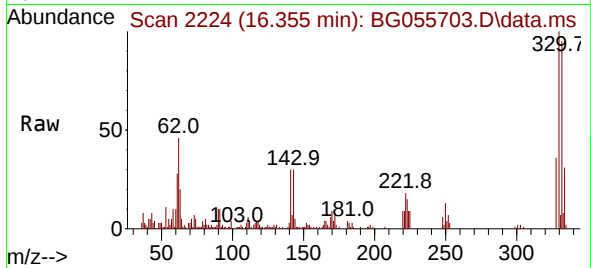
Tgt Ion:164 Resp: 148086
Ion Ratio Lower Upper
164 100
162 99.9 81.1 121.7
160 43.1 34.8 52.2



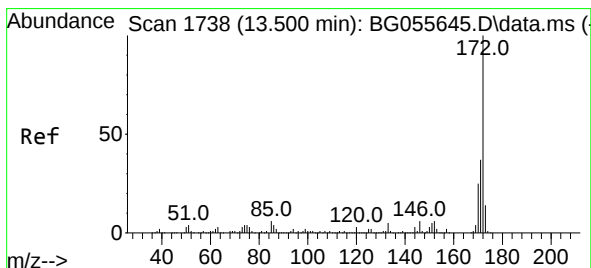
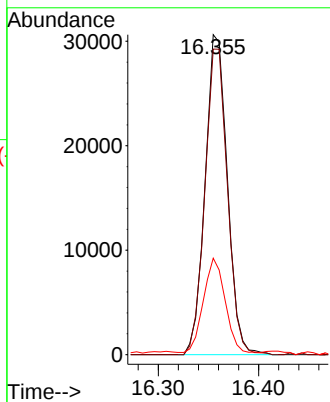
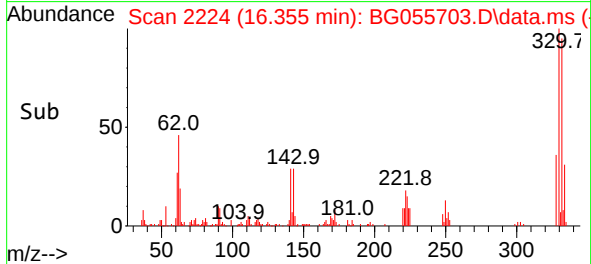


#42
2,4,6-Tribromophenol
Concen: 22.677 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

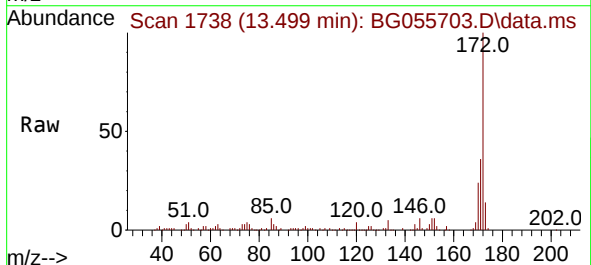
Instrument :
BNA_G
ClientSampleId :
SV34211LDL



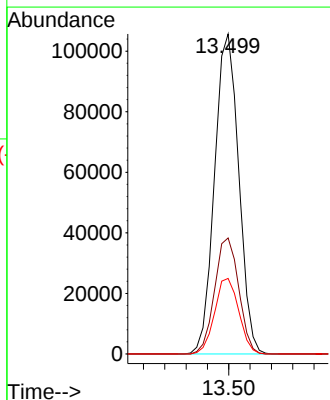
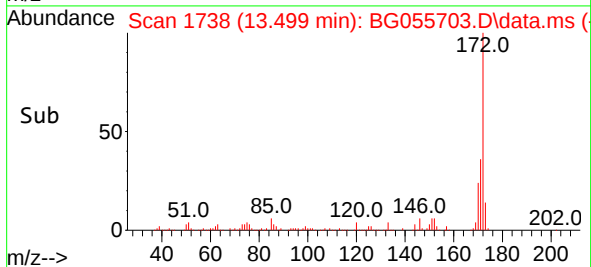
Tgt Ion:330 Resp: 47288
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 29.1 23.9 35.9

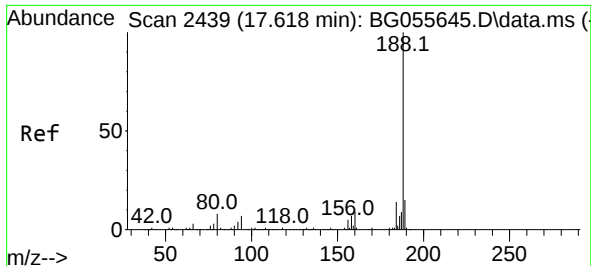


#45
2-Fluorobiphenyl
Concen: 16.803 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42



Tgt Ion:172 Resp: 166094
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.6
170 23.6 20.2 30.4

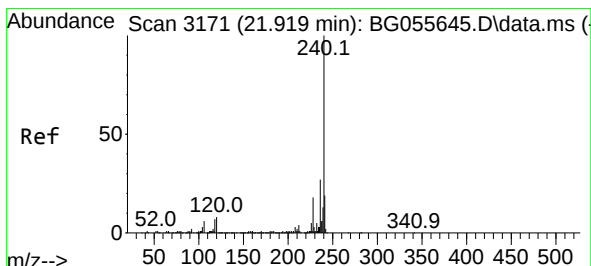
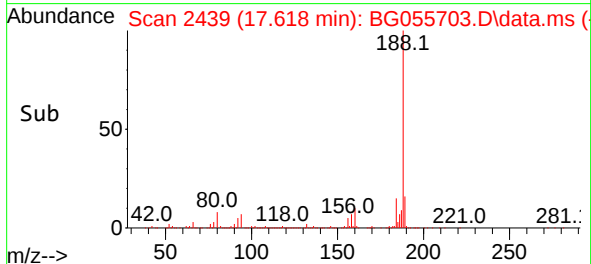
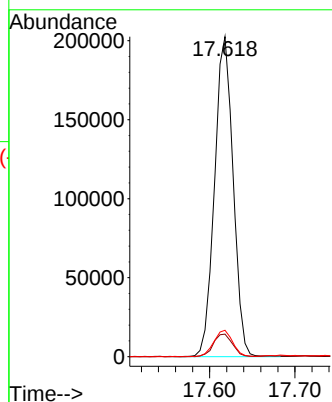
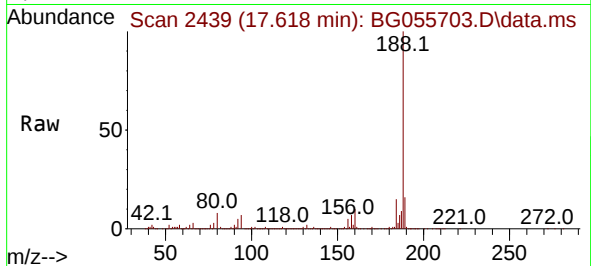




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

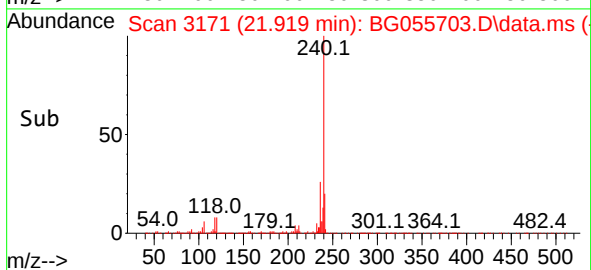
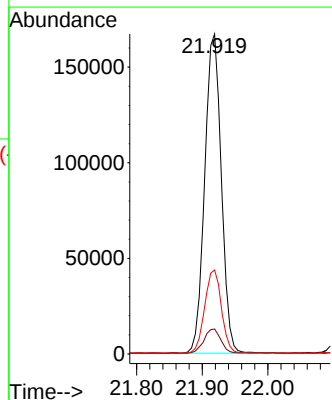
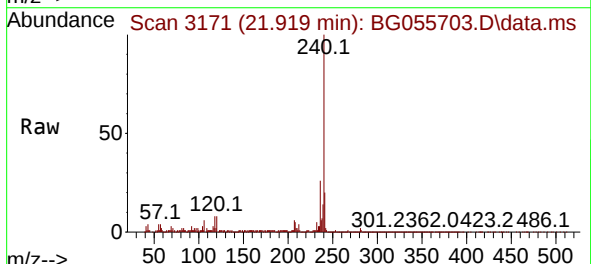
Instrument :
BNA_G
ClientSampleId :
SV34211LDL

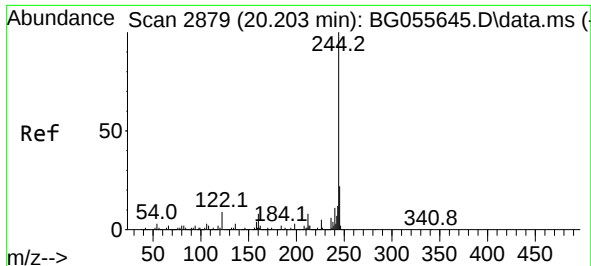
Tgt Ion:188 Resp: 306451
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 8.3 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

Tgt Ion:240 Resp: 294514
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.2 21.9 32.9

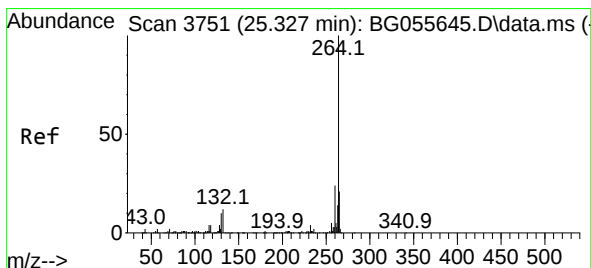
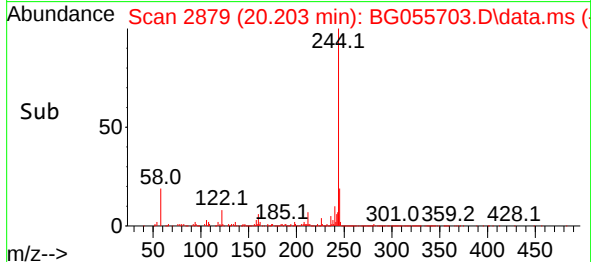
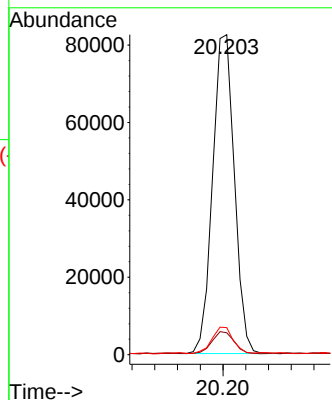
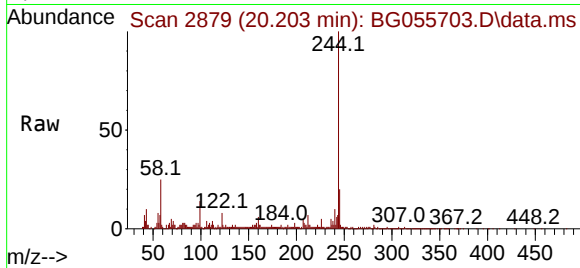




#79
 Terphenyl-d14
 Concen: 7.435 ng
 RT: 20.203 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055703.D
 Acq: 18 Nov 2022 23:42

Instrument :
 BNA_G
 ClientSampleId :
 SV34211LDL

Tgt Ion:244 Resp: 109485
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 8.4 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.338 min Scan# 3753
 Delta R.T. 0.012 min
 Lab File: BG055703.D
 Acq: 18 Nov 2022 23:42

Tgt Ion:264 Resp: 301738
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 23.1 17.1 25.7

