

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)

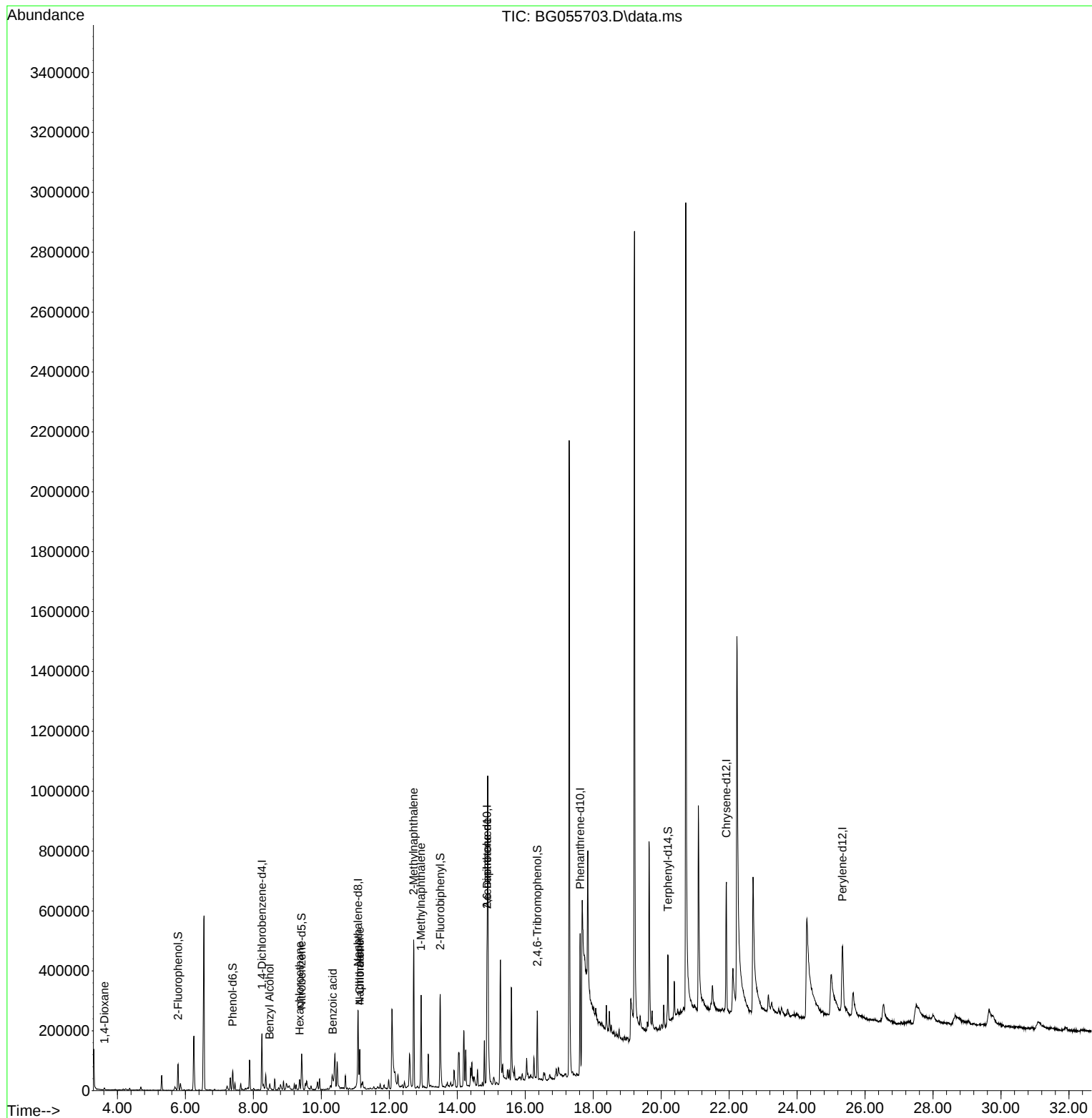
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	53319	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	224166	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	148086	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	306451	20.000	ng	0.00
76) Chrysene-d12	21.919	240	294514	20.000	ng	0.00
86) Perylene-d12	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
18) Hexachloroethane	9.363	117	5515	3.999	ng	# 1
31) Naphthalene	11.132	128	100719	8.311	ng	100
32) Benzoic acid	10.338	122	13850	5.409	ng	97
33) 4-Chloroaniline	11.132	127	13802	2.761	ng	# 39
37) 2-Methylnaphthalene	12.718	142	239015	26.343	ng	99
38) 1-Methylnaphthalene	12.935	142	146144	16.592	ng	99
51) 2,6-Dinitrotoluene	14.874	165	20525	8.503	ng	# 32

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

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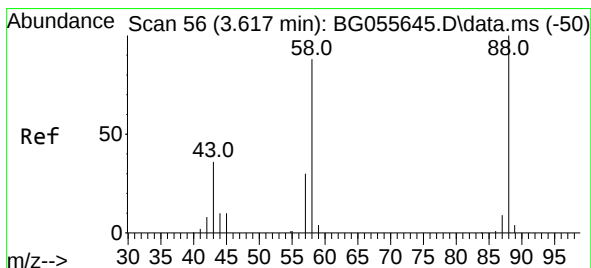
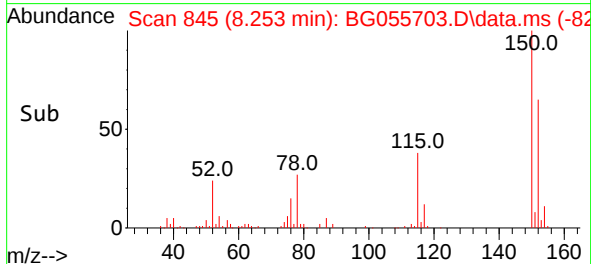
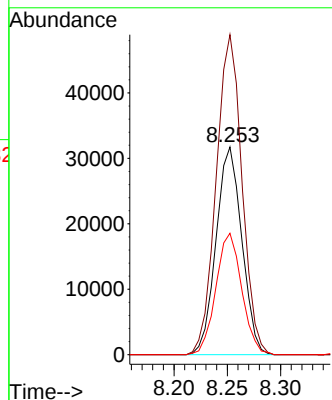
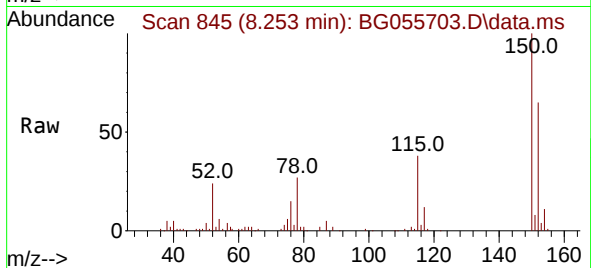




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 845
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

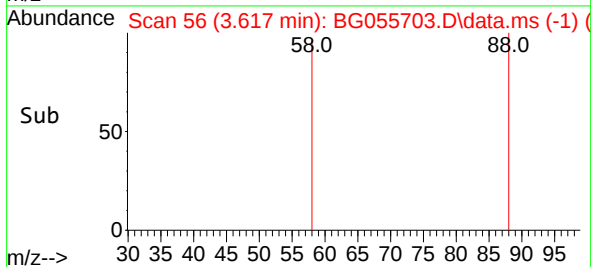
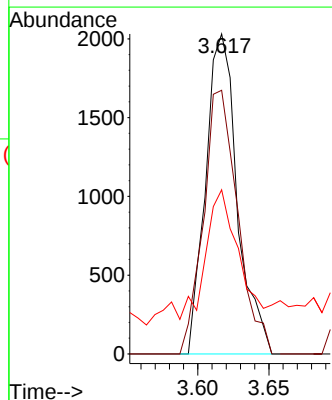
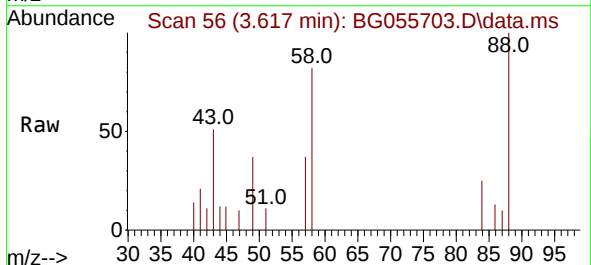
Instrument :
BNA_G
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SV34211LDL

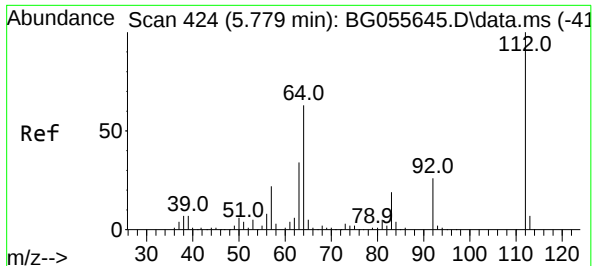
Tgt Ion:152 Resp: 53319
Ion Ratio Lower Upper
152 100
150 154.1 123.0 184.6
115 58.5 47.0 70.4



#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

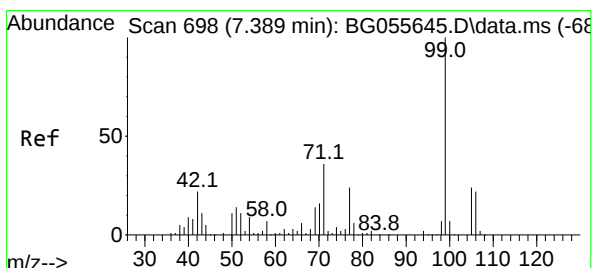
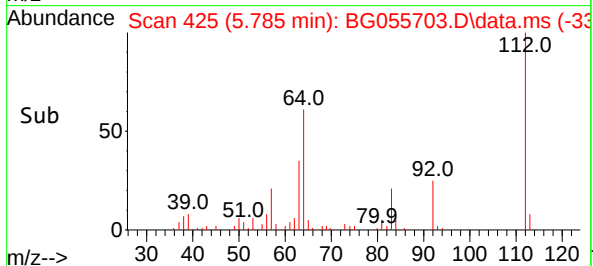
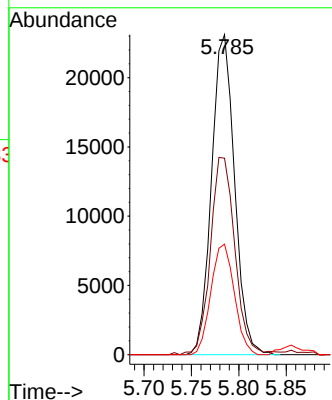
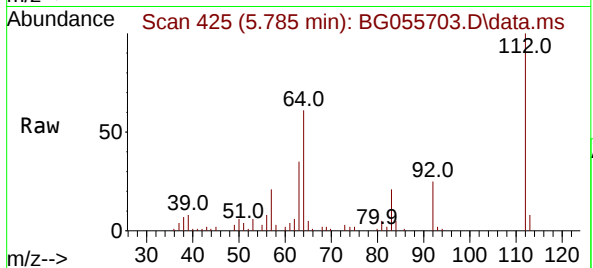




#5
2-Fluorophenol
Concen: 13.243 ng
RT: 5.785 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

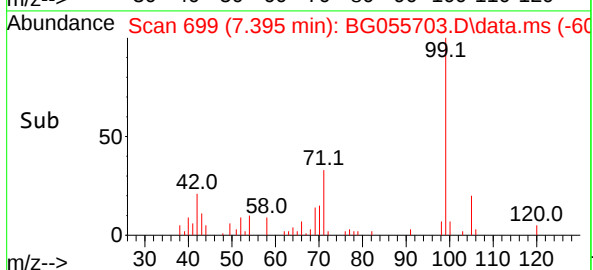
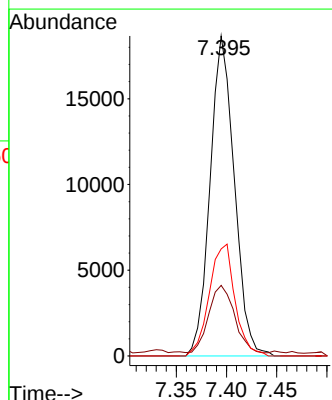
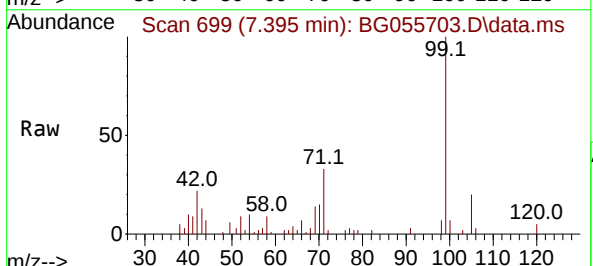
Instrument :
BNA_G
ClientSampleId :
SV34211LDL

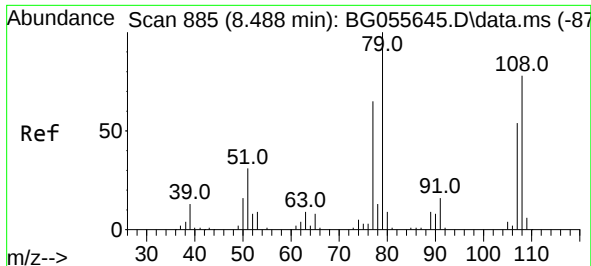
Tgt Ion:112 Resp: 39065
Ion Ratio Lower Upper
112 100
64 61.4 50.6 76.0
63 34.5 27.5 41.3



#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

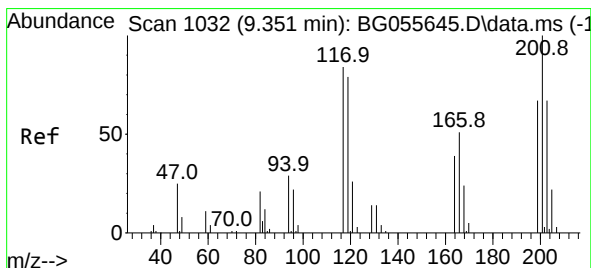
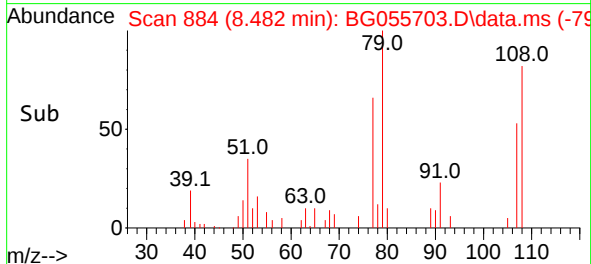
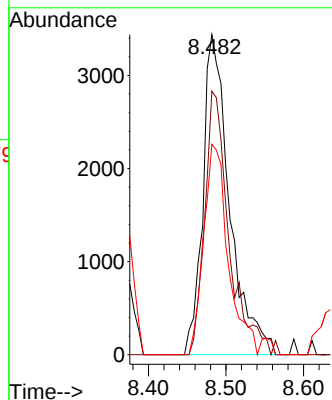
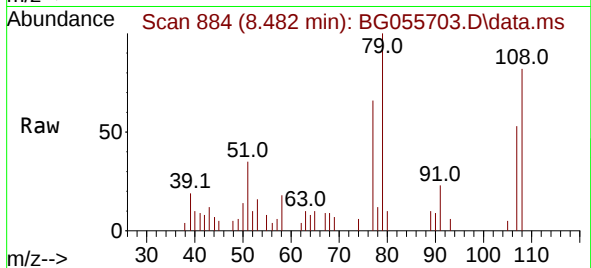




#15
Benzyl Alcohol
Concen: 2.577 ng
RT: 8.482 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

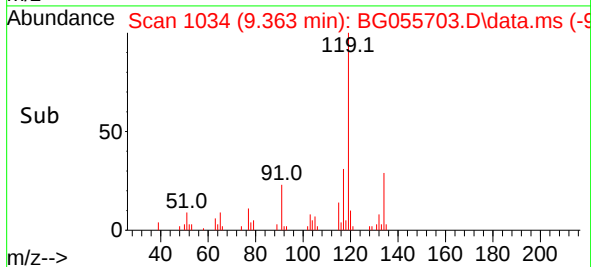
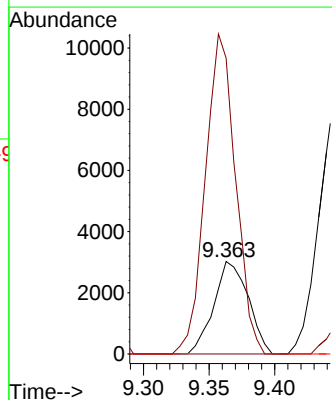
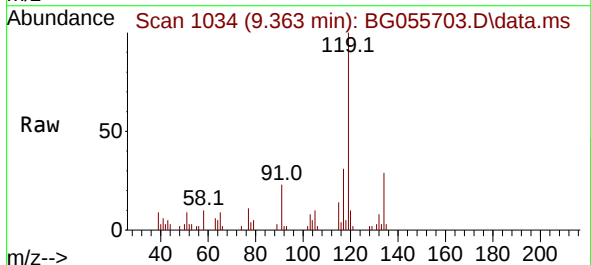
Instrument :
BNA_G
ClientSampleId :
SV34211LDL

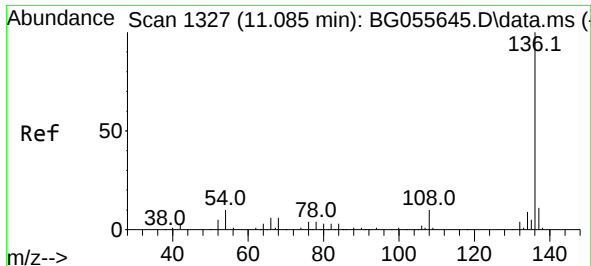
Tgt Ion: 79 Resp: 8225
Ion Ratio Lower Upper
79 100
108 82.3 62.6 93.8
77 65.7 52.4 78.6



#18
Hexachloroethane
Concen: 3.999 ng
RT: 9.363 min Scan# 1034
Delta R.T. 0.012 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

Tgt Ion: 117 Resp: 5515
Ion Ratio Lower Upper
117 100
119 320.0 76.0 114.0#
201 0.0 98.6 148.0#

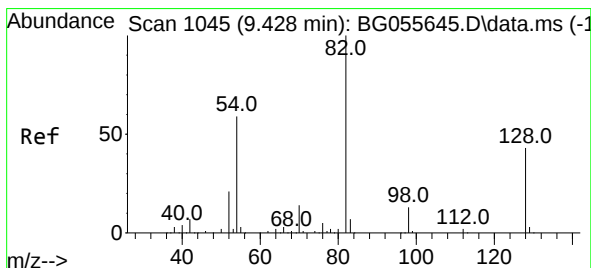
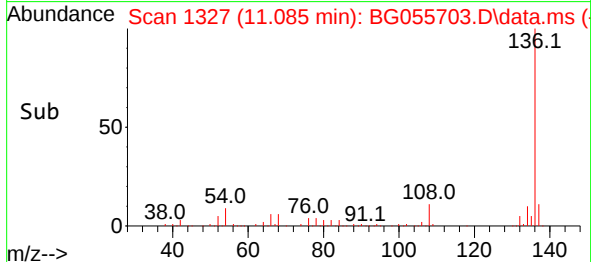
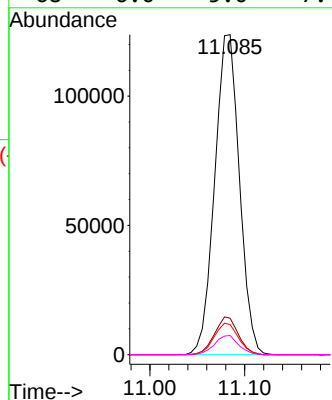
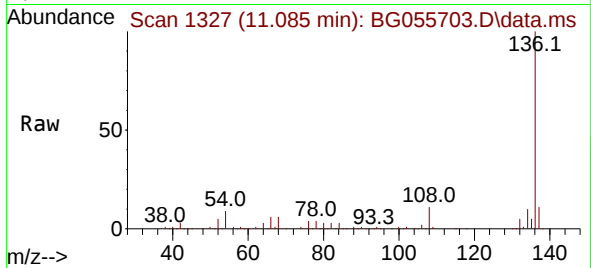




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

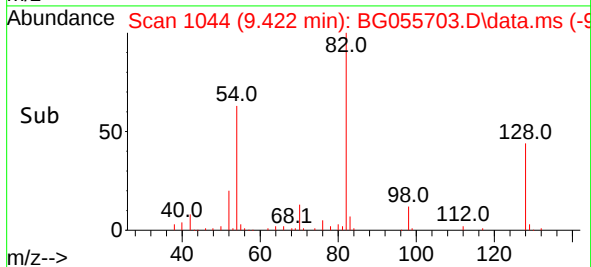
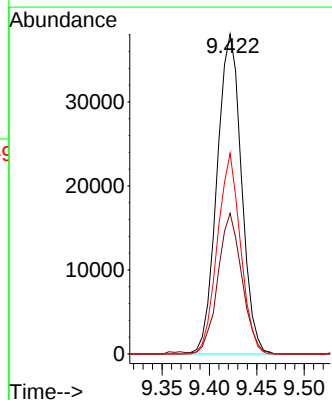
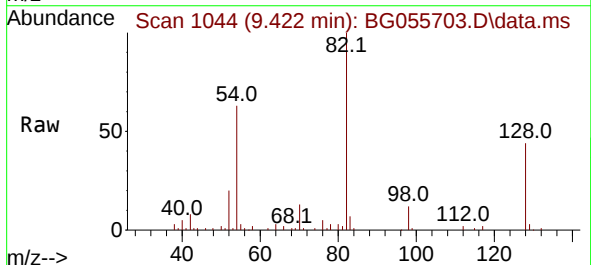
Instrument :
BNA_G
ClientSampleId :
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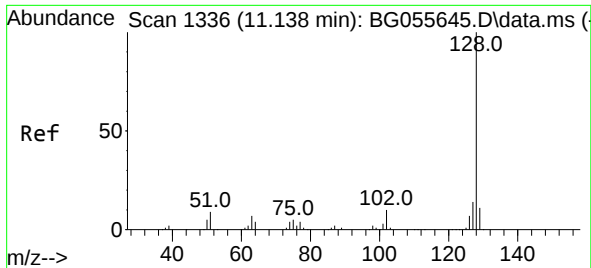
Tgt Ion:	136	Resp:	224166
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	9.4	7.8	11.6
68	6.0	5.0	7.4



#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

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

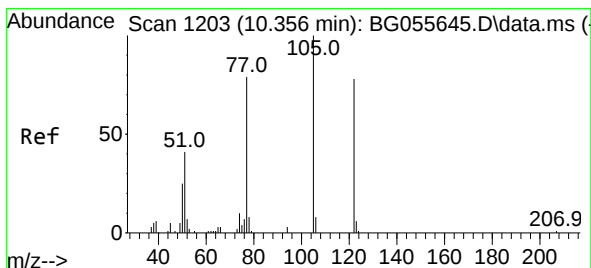
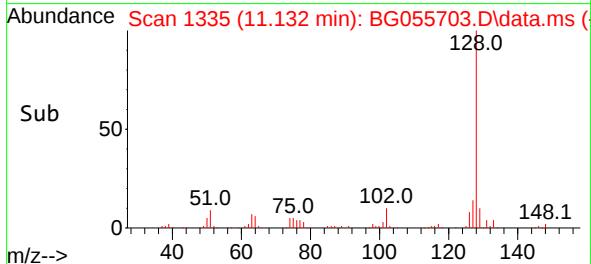
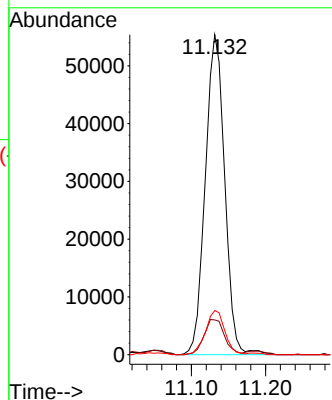
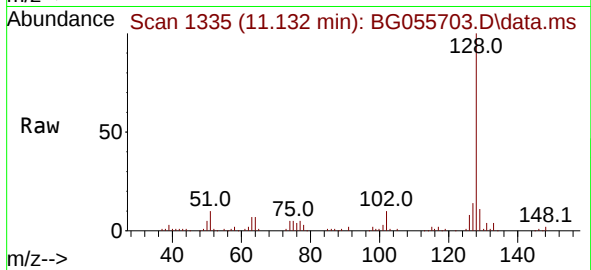




#31
Naphthalene
Concen: 8.311 ng
RT: 11.132 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

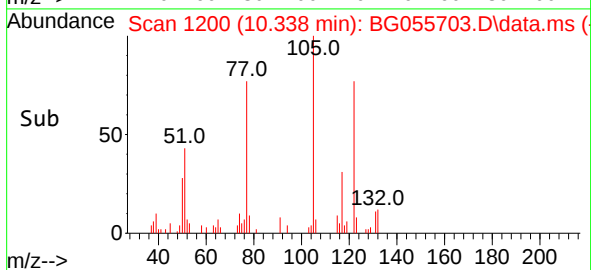
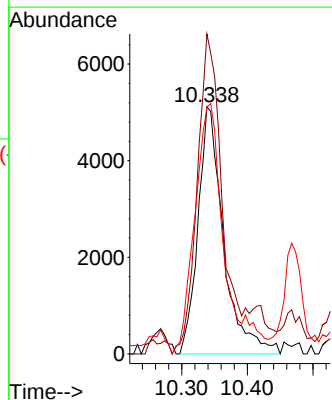
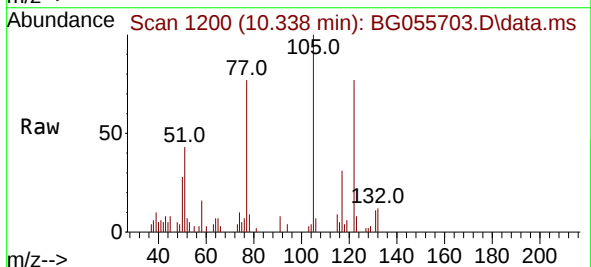
Instrument :
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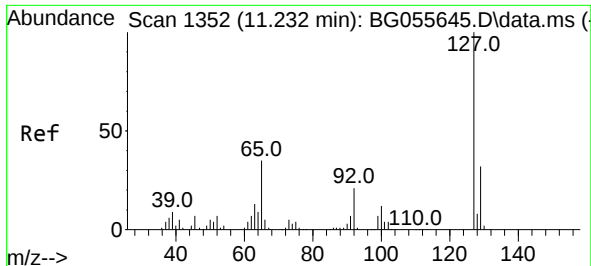
Tgt Ion:128 Resp: 100719
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 5.409 ng
RT: 10.338 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

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

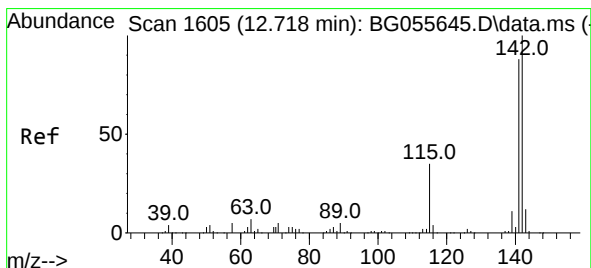
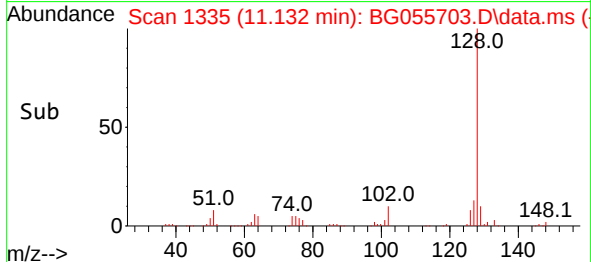
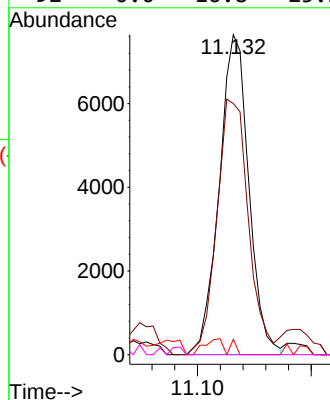
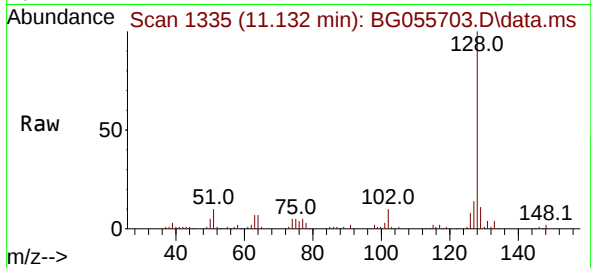




#33
4-Chloroaniline
Concen: 2.761 ng
RT: 11.132 min Scan# 11
Delta R.T. -0.100 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

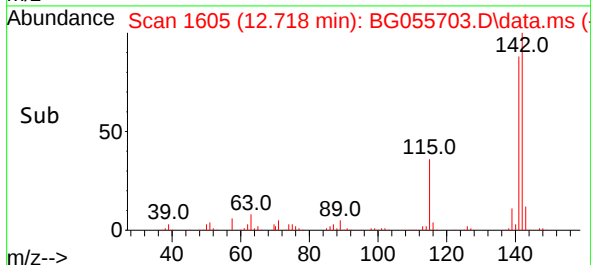
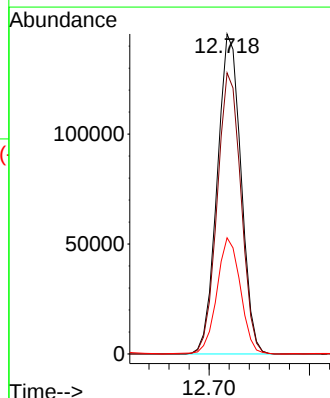
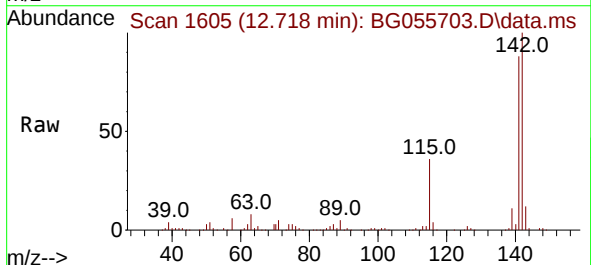
Instrument :
BNA_G
ClientSampleId :
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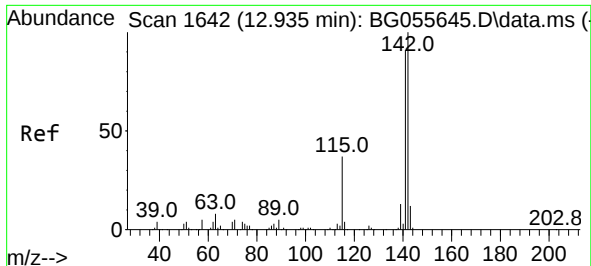
Tgt Ion:127	Resp:	13802
Ion Ratio	Lower	Upper
127	100	
129	78.5	25.9 38.9#
65	4.8	27.9 41.9#
92	0.0	16.8 25.2#



#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

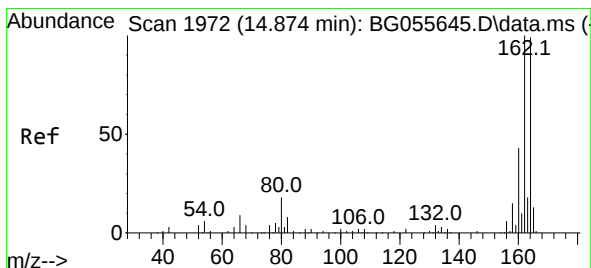
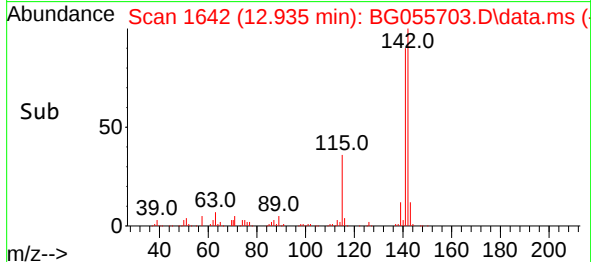
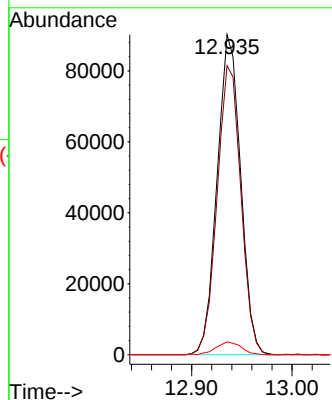
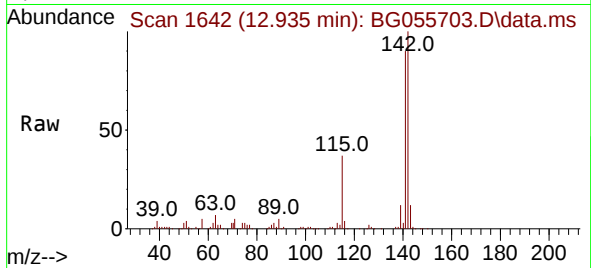




#38
1-Methylnaphthalene
Concen: 16.592 ng
RT: 12.935 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

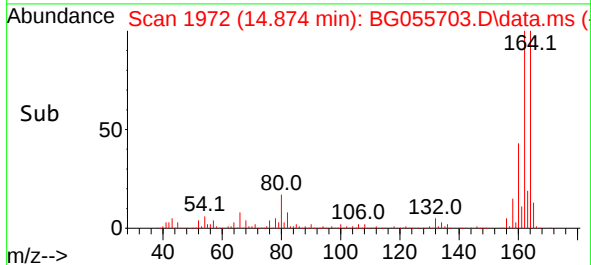
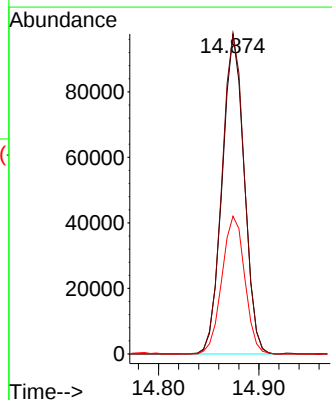
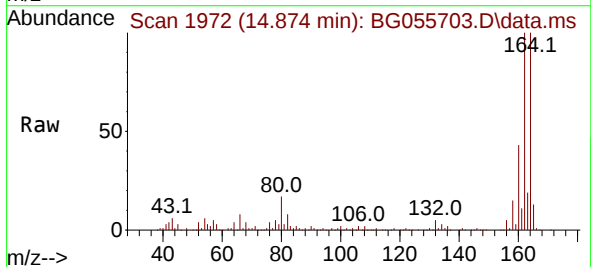
Instrument :
BNA_G
ClientSampleId :
SV34211LDL

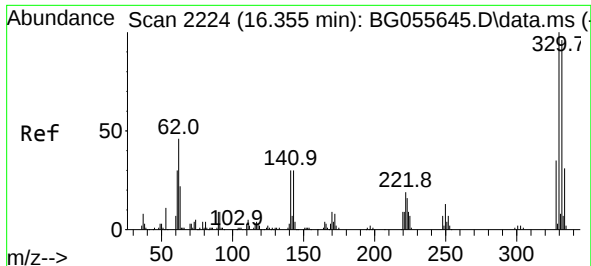
Tgt Ion:142 Resp: 146144
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4
116 4.0 3.1 4.7



#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

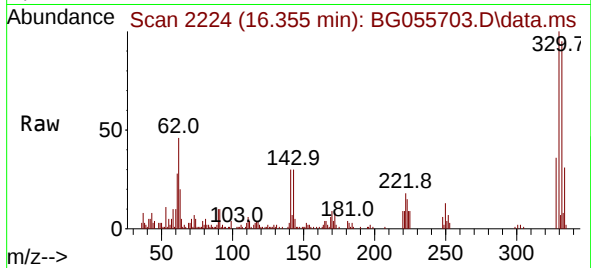
Tgt Ion:164 Resp: 148086
Ion Ratio Lower Upper
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162 99.9 81.1 121.7
160 43.1 34.8 52.2



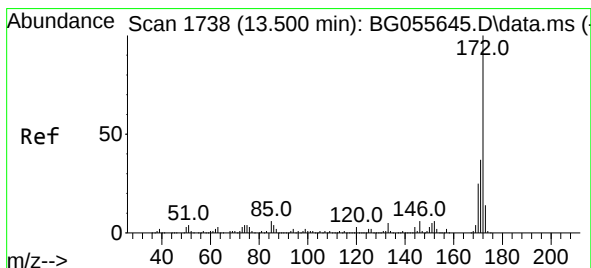
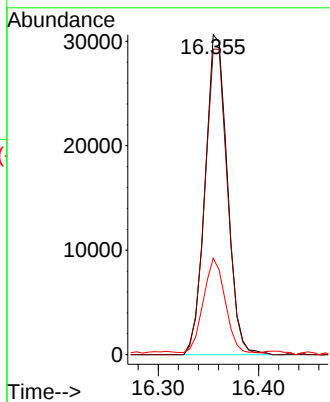
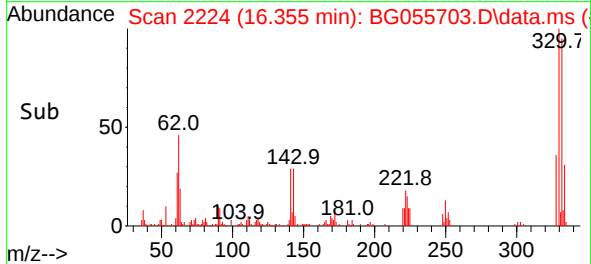


#42
2,4,6-Tribromophenol
Concen: 22.677 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

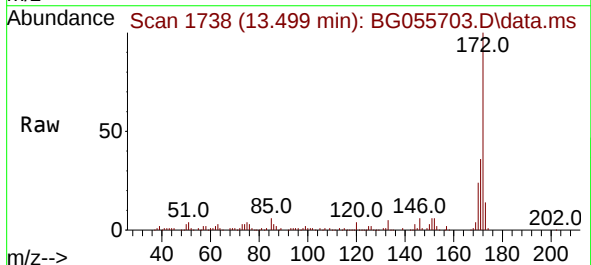
Instrument :
BNA_G
ClientSampleId :
SV34211LDL



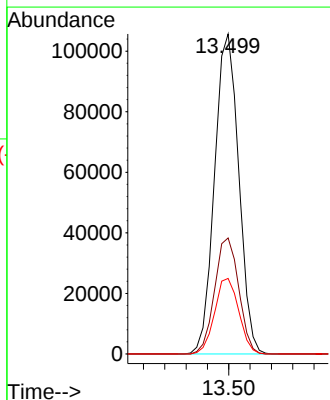
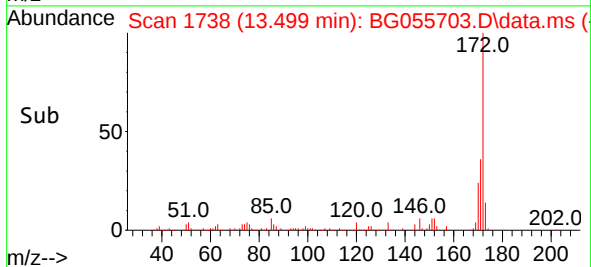
Tgt Ion:330 Resp: 47288
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 29.1 23.9 35.9

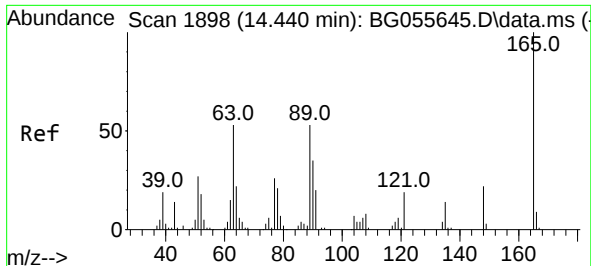


#45
2-Fluorobiphenyl
Concen: 16.803 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42



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

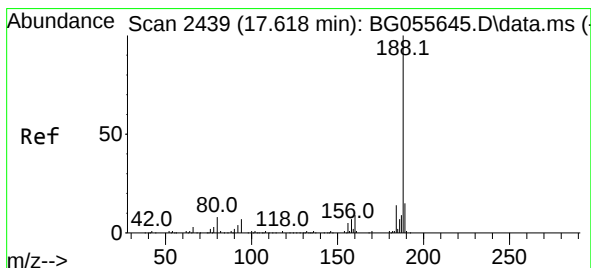
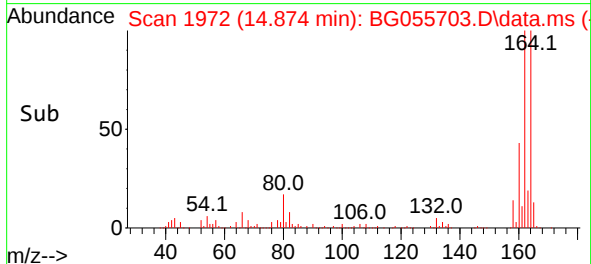
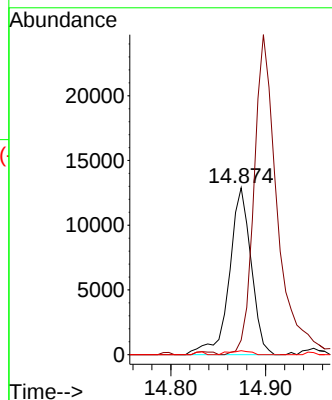
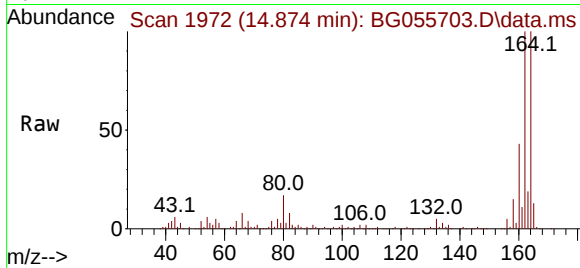




#51
2,6-Dinitrotoluene
Concen: 8.503 ng
RT: 14.874 min Scan# 14
Delta R.T. 0.435 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

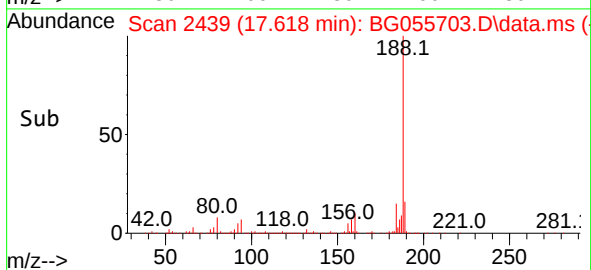
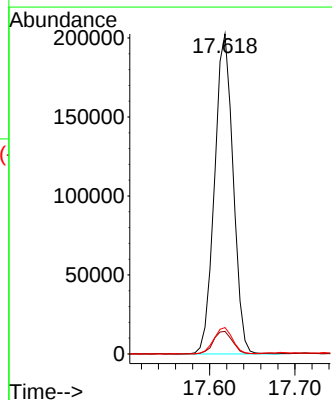
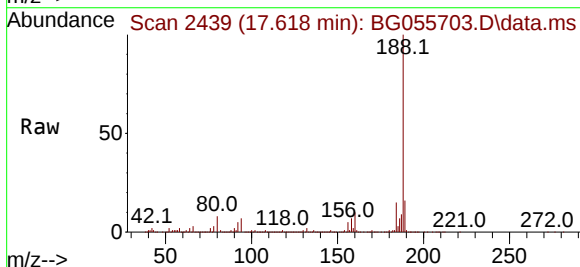
Instrument :
BNA_G
ClientSampleId :
SV34211LDL

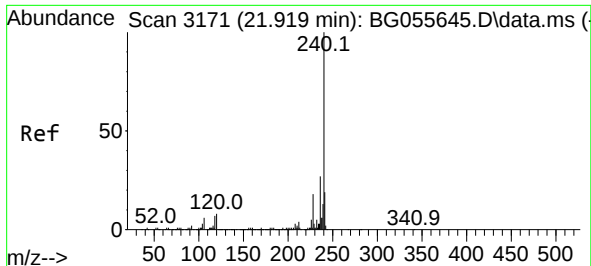
Tgt Ion:165 Resp: 20525
Ion Ratio Lower Upper
165 100
63 8.7 44.6 66.8#
89 2.4 42.2 63.4#



#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

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

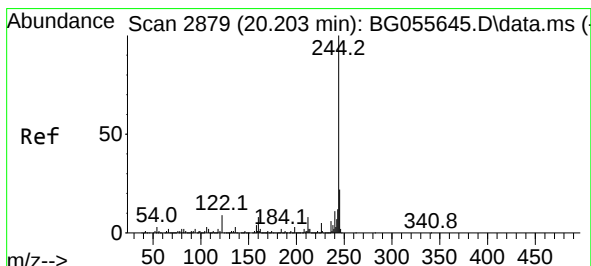
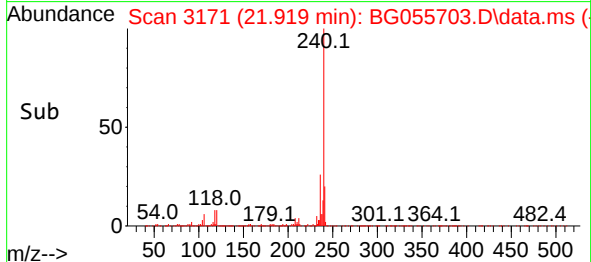
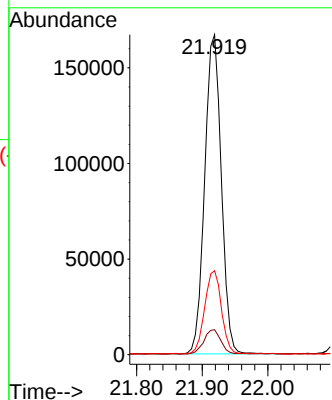
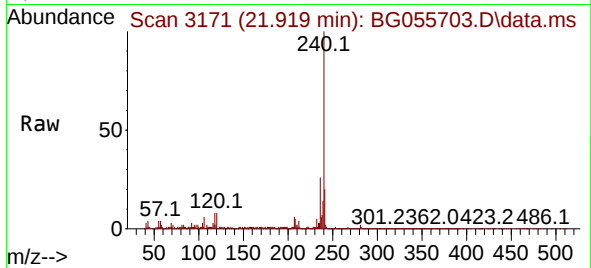




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

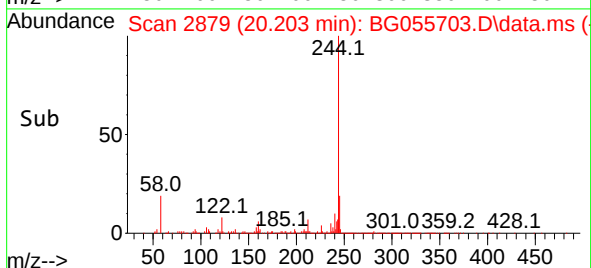
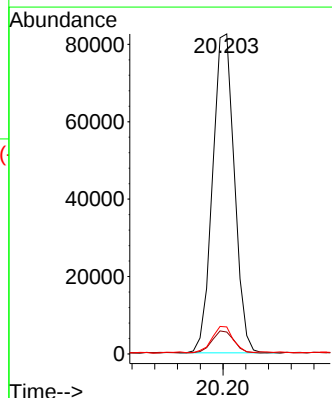
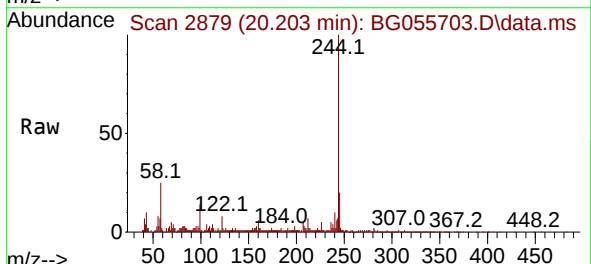
Instrument :
BNA_G
ClientSampleId :
SV34211LDL

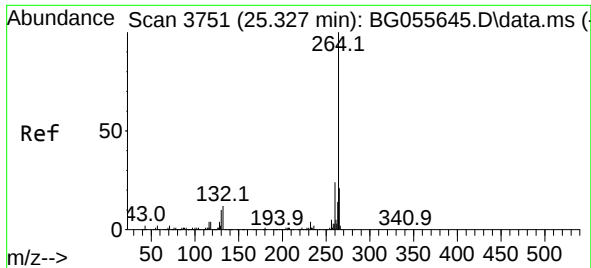
Tgt Ion:240 Resp: 294514
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.2 21.9 32.9



#79
Terphenyl-d14
Concen: 7.435 ng
RT: 20.203 min Scan# 2879
Delta R.T. -0.000 min
Lab File: BG055703.D
Acq: 18 Nov 2022 23:42

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# 31

Delta R.T. 0.012 min

Lab File: BG055703.D

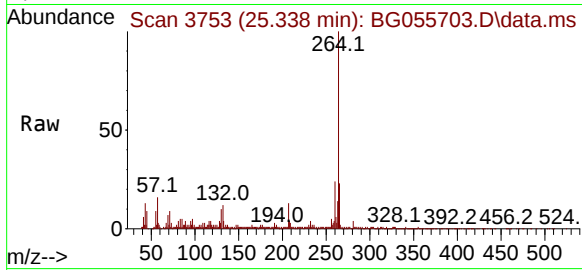
Acq: 18 Nov 2022 23:42

Instrument :

BNA_G

ClientSampleId :

SV34211LDL



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

