

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
 Data File : BG052782.D
 Acq On : 22 Mar 2022 12:35
 Operator : CG/JU
 Sample : PB143434TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143434TB

Quant Time: Mar 22 16:38:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	45376	20.000	ng	-0.01
21) Naphthalene-d8	10.954	136	179351	20.000	ng	#-0.02
39) Acenaphthene-d10	14.767	164	128293	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	307861	20.000	ng	-0.01
76) Chrysene-d12	21.792	240	318550	20.000	ng	-0.02
86) Perylene-d12	25.111	264	313837	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	373987	143.535	ng	0.00
7) Phenol-d6	7.294	99	526388	134.004	ng	0.00
23) Nitrobenzene-d5	9.303	82	360903	100.996	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	239906	139.164	ng	-0.01
45) 2-Fluorobiphenyl	13.392	172	809060	93.009	ng	-0.01
79) Terphenyl-d14	20.112	244	1543277	86.180	ng	-0.01

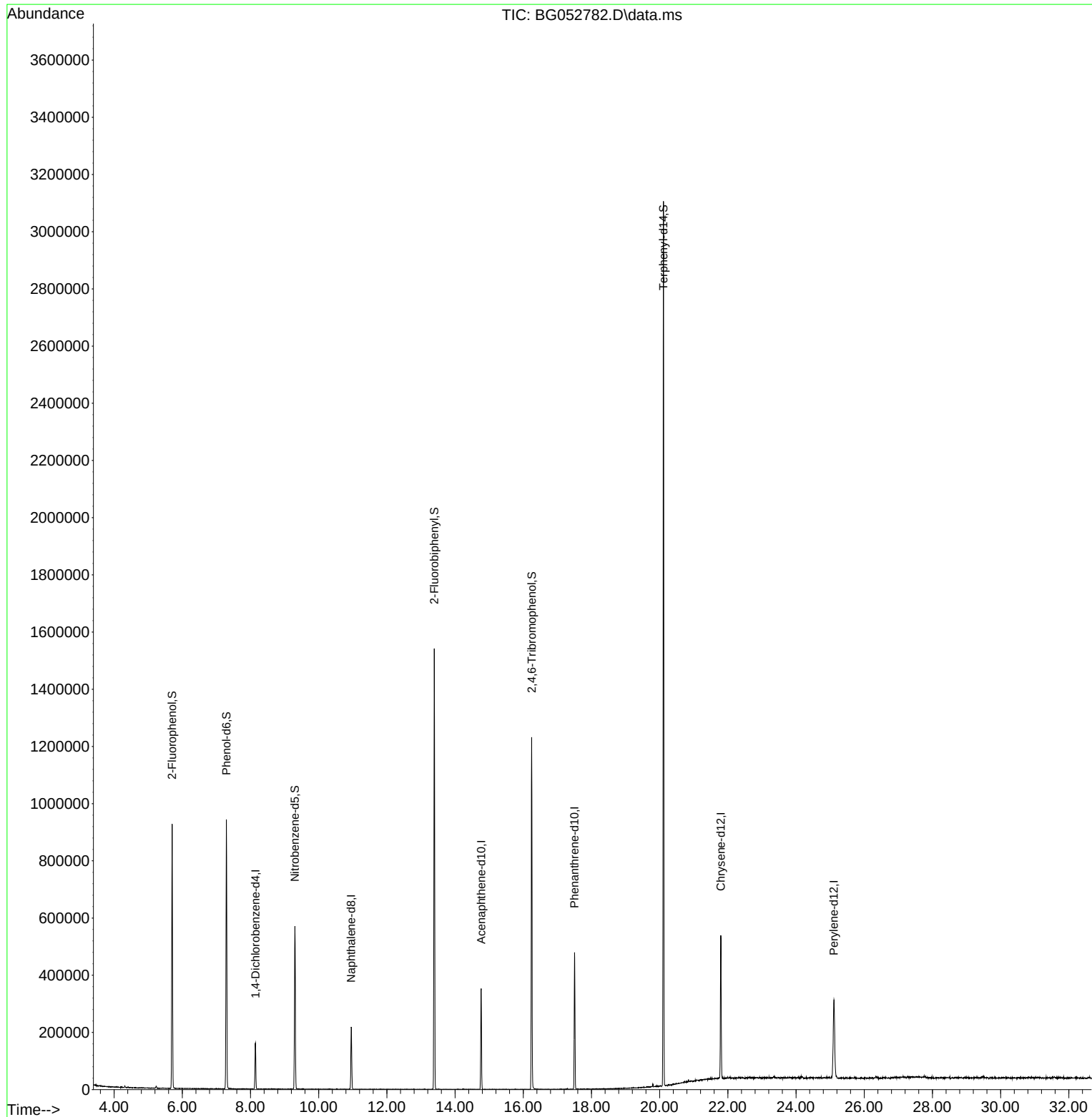
Target Compounds	Qvalue

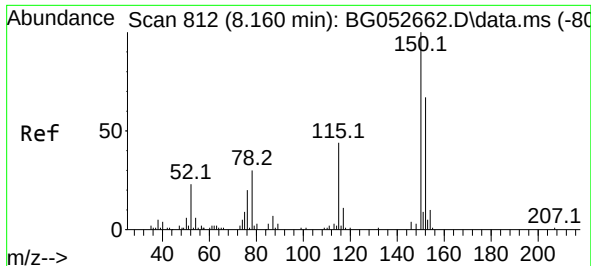
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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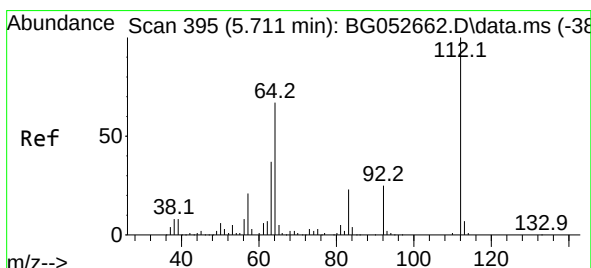
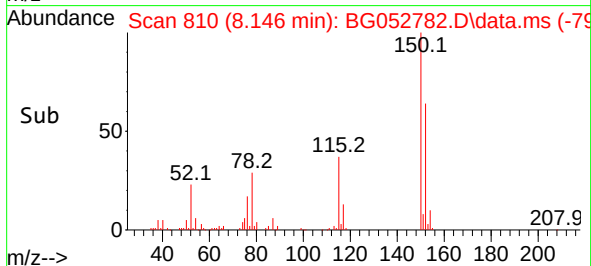
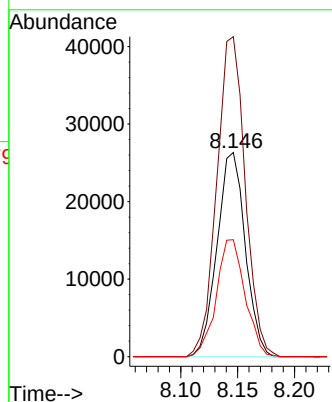
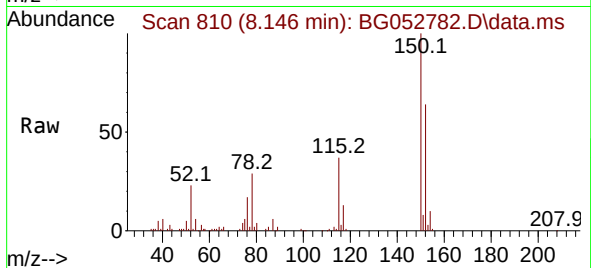




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 812
Delta R.T. -0.014 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

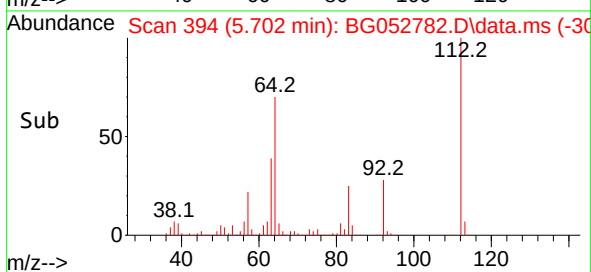
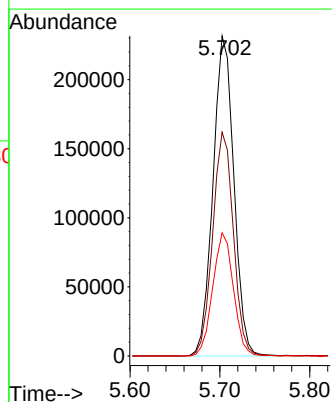
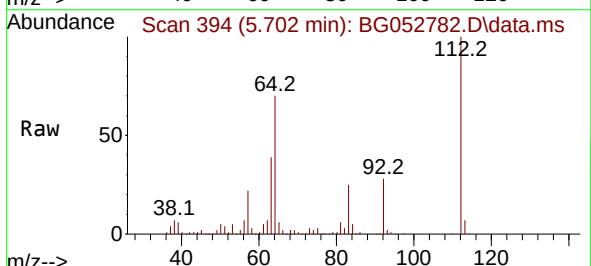
Instrument :
BNA_G
ClientSampleId :
PB143434TB

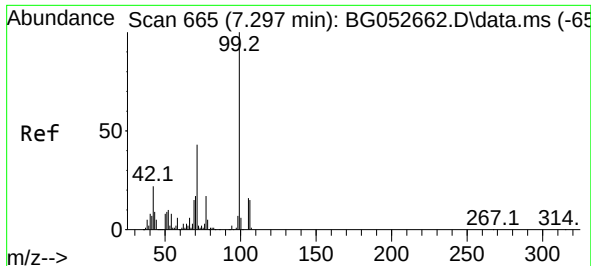
Tgt Ion:152 Resp: 45376
Ion Ratio Lower Upper
152 100
150 156.8 114.6 172.0
115 57.3 45.9 68.9



#5
2-Fluorophenol
Concen: 143.535 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.008 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

Tgt Ion:112 Resp: 373987
Ion Ratio Lower Upper
112 100
64 69.9 48.0 72.0
63 38.5 26.5 39.7

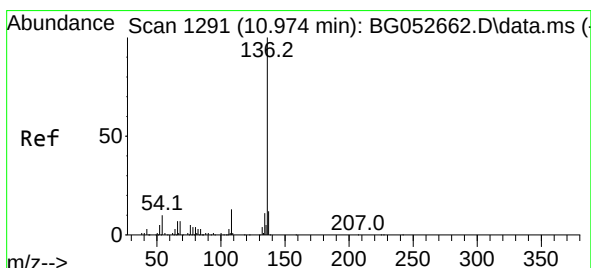
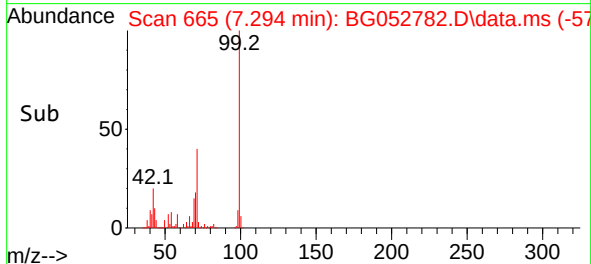
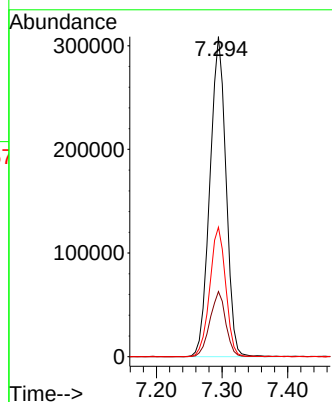
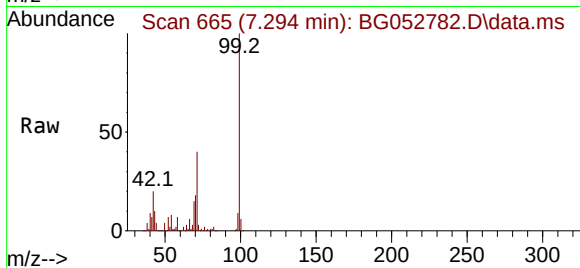




#7
Phenol-d6
Concen: 134.004 ng
RT: 7.294 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

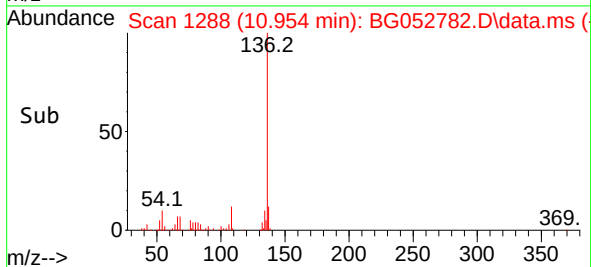
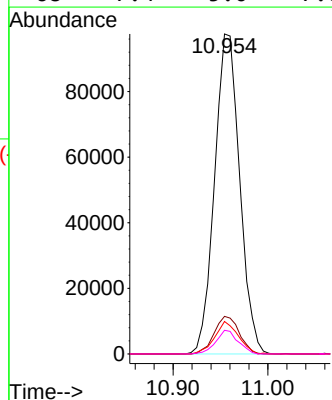
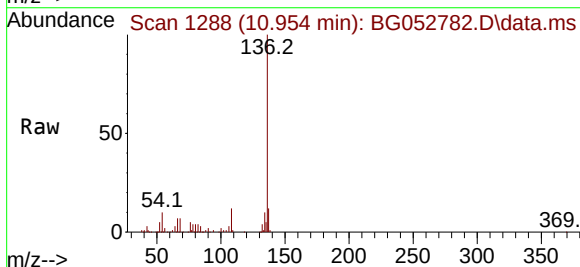
Instrument :
BNA_G
ClientSampleId :
PB143434TB

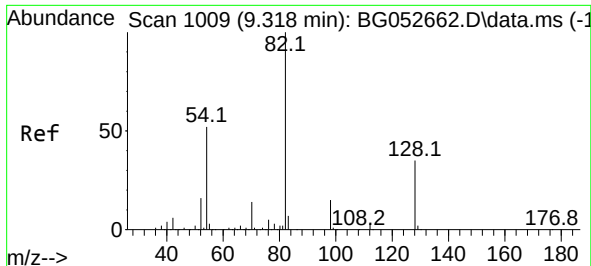
Tgt Ion: 99 Resp: 526388
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 40.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.954 min Scan# 1288
Delta R.T. -0.020 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

Tgt Ion:136 Resp: 179351
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 10.2 6.4 9.6#
68 7.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 100.996 ng

RT: 9.303 min Scan# 1009

Delta R.T. -0.014 min

Lab File: BG052782.D

Acq: 22 Mar 2022 12:35

Instrument :

BNA_G

ClientSampleId :

PB143434TB

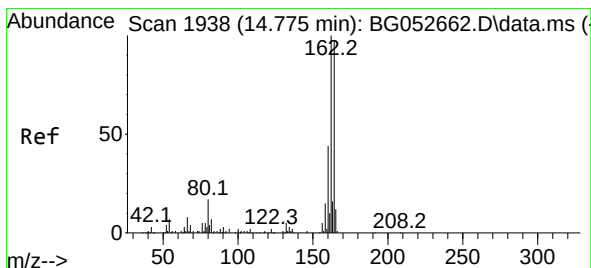
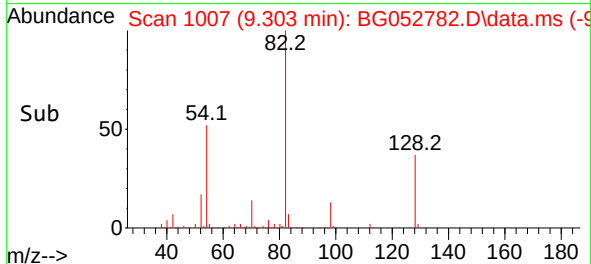
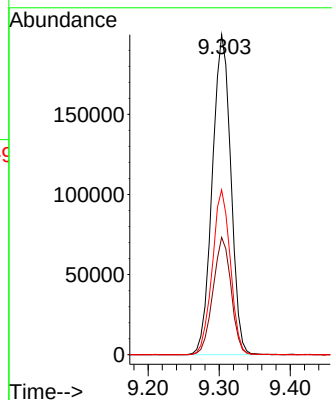
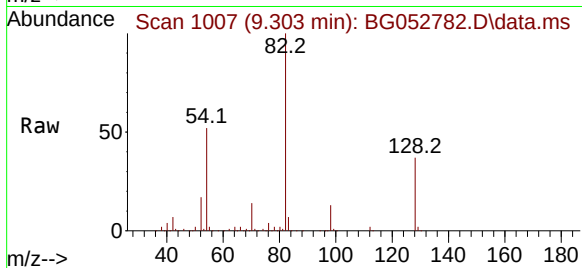
Tgt Ion: 82 Resp: 360903

Ion Ratio Lower Upper

82 100

128 36.6 31.3 46.9

54 51.5 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.767 min Scan# 1937

Delta R.T. -0.008 min

Lab File: BG052782.D

Acq: 22 Mar 2022 12:35

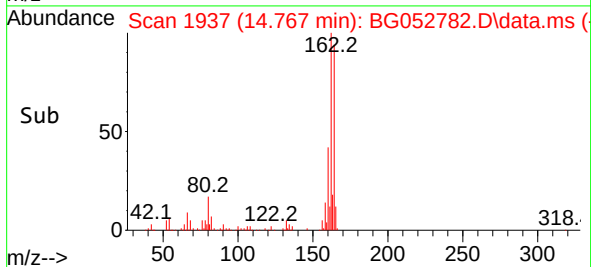
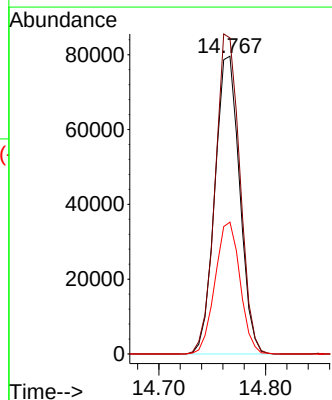
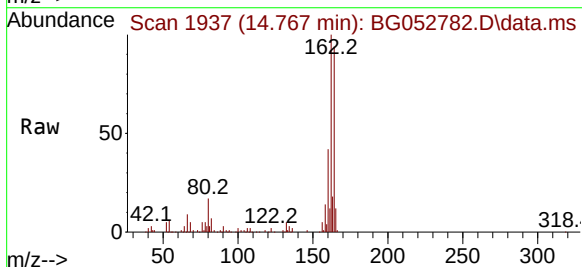
Tgt Ion:164 Resp: 128293

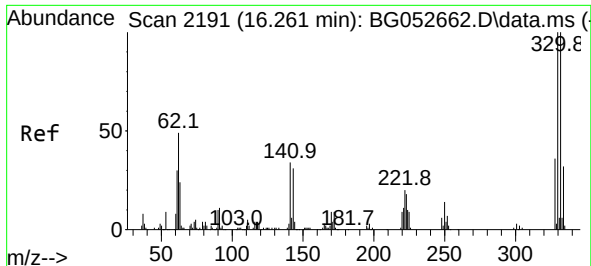
Ion Ratio Lower Upper

164 100

162 106.1 80.0 120.0

160 44.3 38.8 58.2



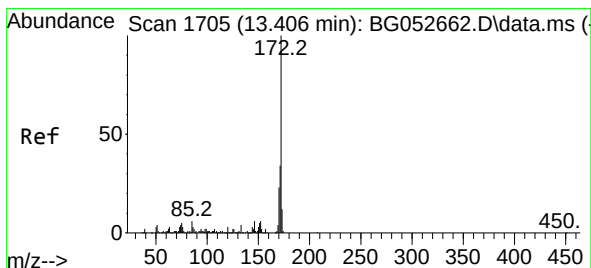
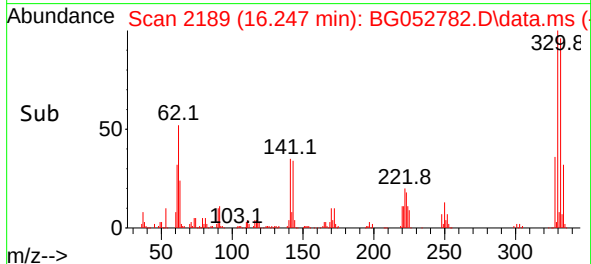
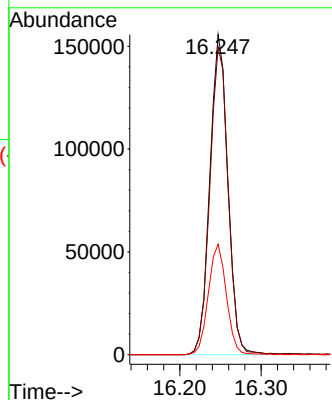
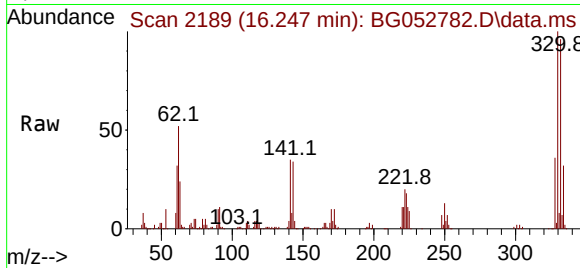


#42
 2,4,6-Tribromophenol
 Concen: 139.164 ng
 RT: 16.247 min Scan# 2191
 Delta R.T. -0.014 min
 Lab File: BG052782.D
 Acq: 22 Mar 2022 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB143434TB

Tgt Ion:330 Resp: 239906

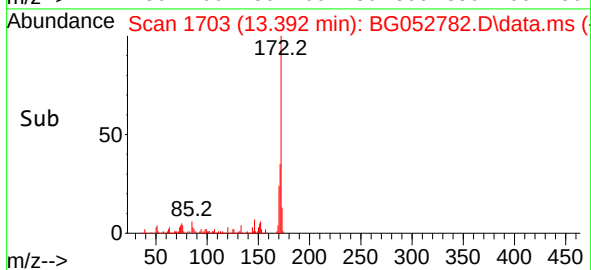
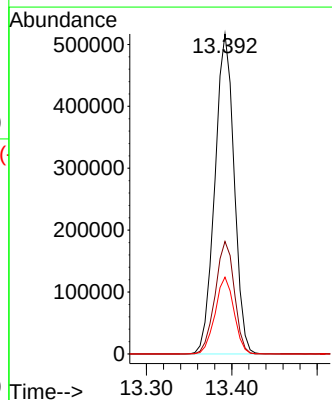
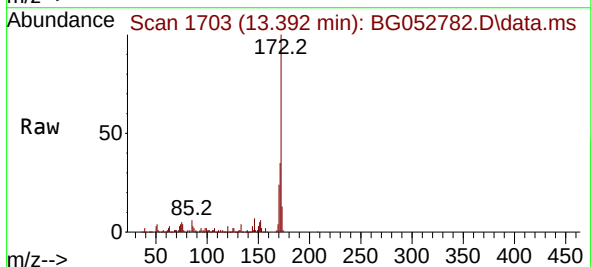
Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.8	113.6
141	34.5	24.6	36.8

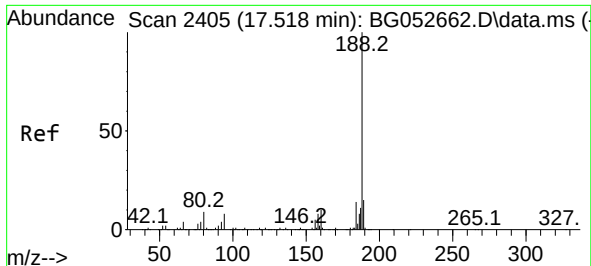


#45
 2-Fluorobiphenyl
 Concen: 93.009 ng
 RT: 13.392 min Scan# 1703
 Delta R.T. -0.014 min
 Lab File: BG052782.D
 Acq: 22 Mar 2022 12:35

Tgt Ion:172 Resp: 809060

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	24.0	18.0	27.0

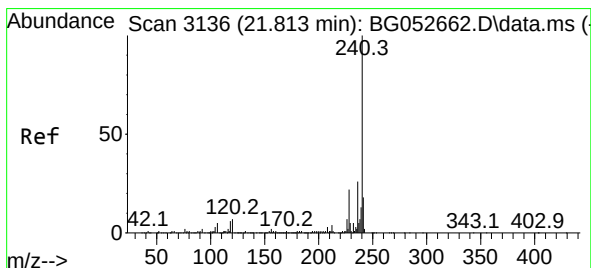
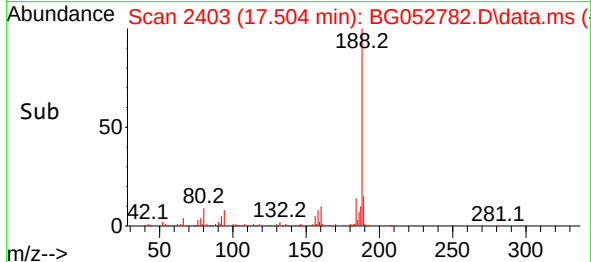
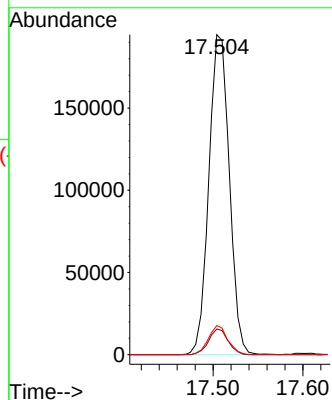
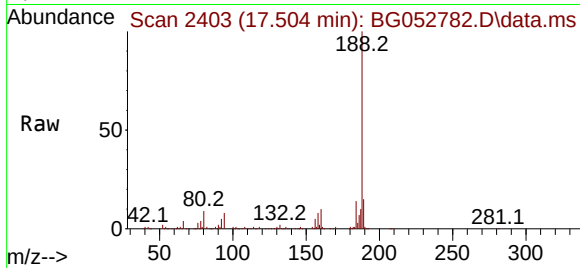




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2403
Delta R.T. -0.014 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

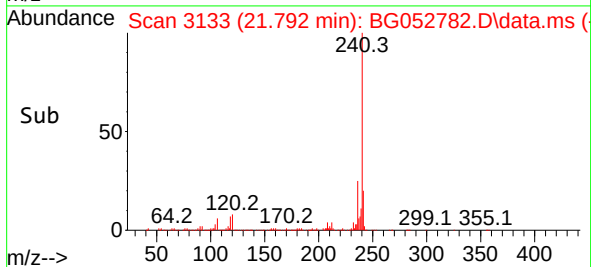
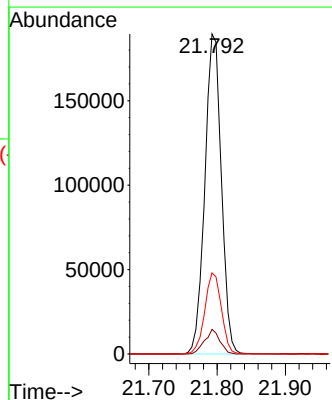
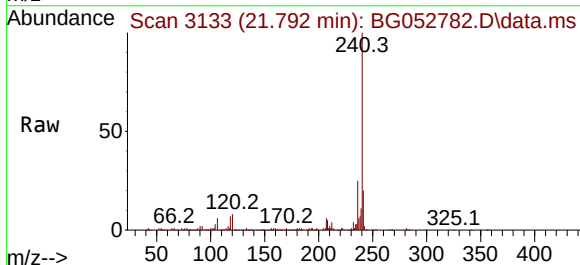
Instrument :
BNA_G
ClientSampleId :
PB143434TB

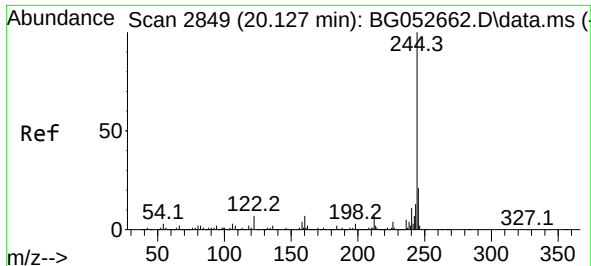
Tgt Ion:188 Resp: 307861
Ion Ratio Lower Upper
188 100
94 8.1 5.7 8.5
80 9.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.792 min Scan# 3133
Delta R.T. -0.020 min
Lab File: BG052782.D
Acq: 22 Mar 2022 12:35

Tgt Ion:240 Resp: 318550
Ion Ratio Lower Upper
240 100
120 7.7 5.4 8.0
236 25.4 19.8 29.6

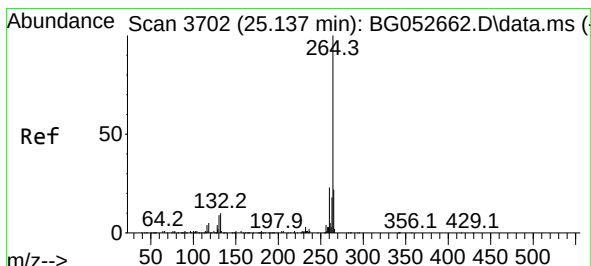
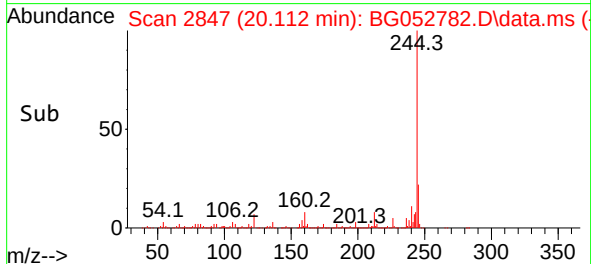
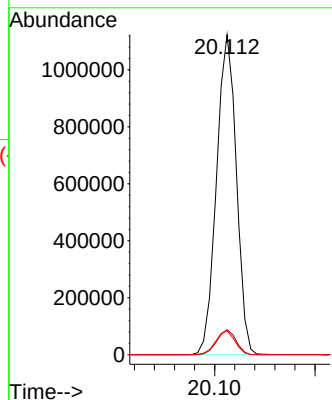
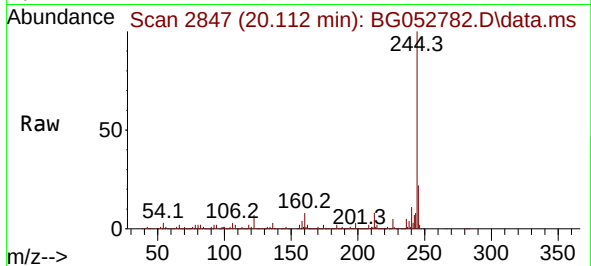




#79
 Terphenyl-d14
 Concen: 86.180 ng
 RT: 20.112 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG052782.D
 Acq: 22 Mar 2022 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB143434TB

Tgt Ion:244 Resp: 1543277
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 7.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.111 min Scan# 3698
 Delta R.T. -0.026 min
 Lab File: BG052782.D
 Acq: 22 Mar 2022 12:35

Tgt Ion:264 Resp: 313837
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 20.9 15.1 22.7

