

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
 Data File : BG052639.D
 Acq On : 10 Mar 2022 18:15
 Operator : CG/JU
 Sample : N1845-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-5

Quant Time: Mar 11 03:45:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 06:37:54 2022
 Response via : Initial Calibration

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

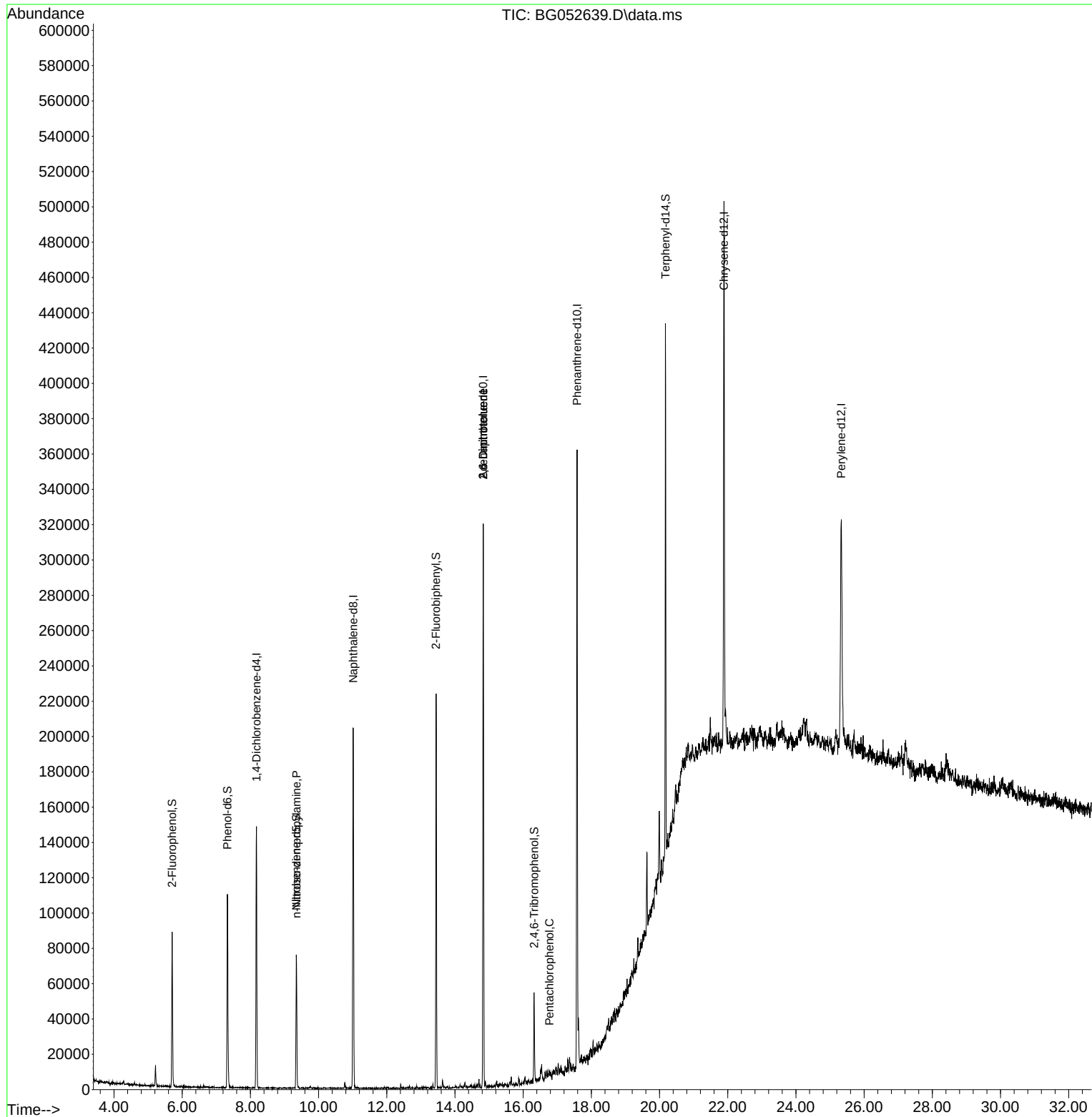
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.178	152	43987	20.000	ng	0.00
21) Naphthalene-d8	11.015	136	181455	20.000	ng	0.00
39) Acenaphthene-d10	14.828	164	116361	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	235441	20.000	ng	0.00
76) Chrysene-d12	21.889	240	198595	20.000	ng	0.00
86) Perylene-d12	25.325	264	176446	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	41577	16.329	ng	0.00
7) Phenol-d6	7.326	99	70651	19.172	ng	0.00
23) Nitrobenzene-d5	9.347	82	49761	12.432	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	11203	6.788	ng	0.00
45) 2-Fluorobiphenyl	13.447	172	118726	13.772	ng	0.00
79) Terphenyl-d14	20.174	244	155038	13.814	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.353	70	6811	2.731	ng	# 66
51) 2,6-Dinitrotoluene	14.828	165	16365	8.471	ng	# 24
57) 2,4-Dinitrotoluene	14.828	165	16365	6.019	ng	# 22
70) Pentachlorophenol	16.766	266	54	5.781	ng	# 23

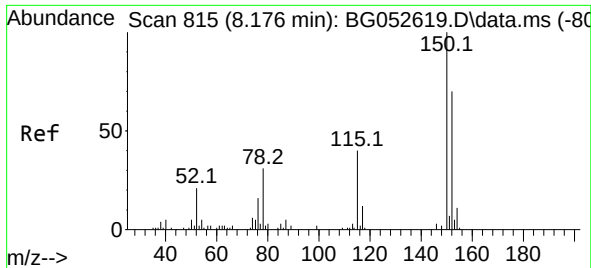
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 11 03:45:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 06:37:54 2022
Response via : Initial Calibration

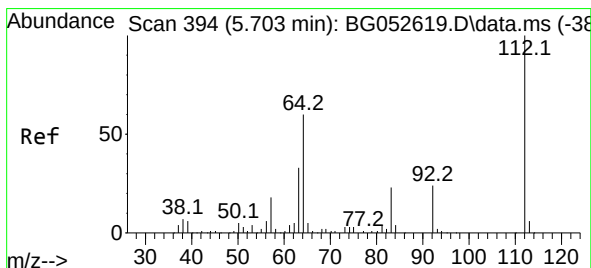
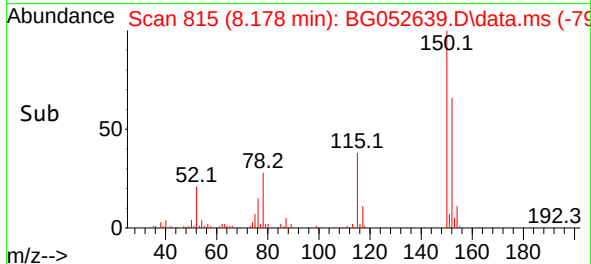
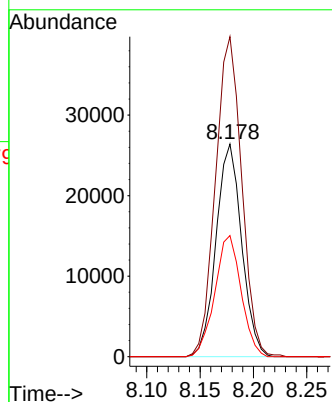
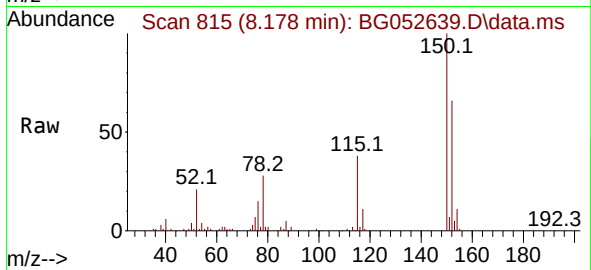




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.178 min Scan# 815
Delta R.T. 0.002 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

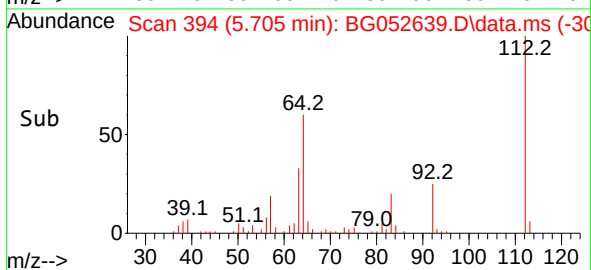
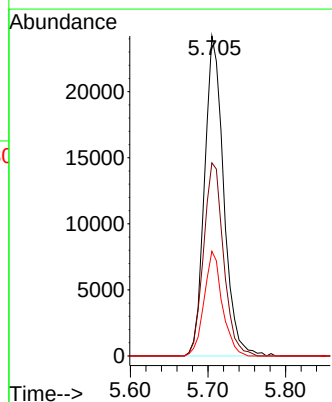
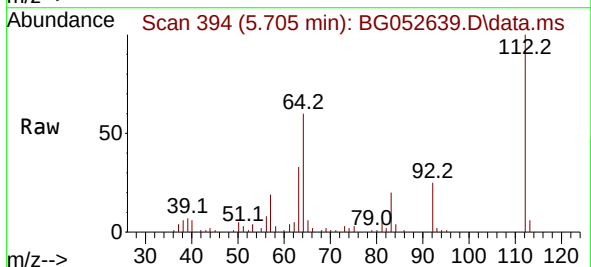
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5

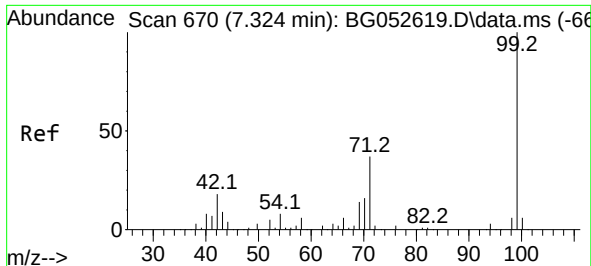
Tgt Ion:152 Resp: 43987
Ion Ratio Lower Upper
152 100
150 150.5 114.6 172.0
115 57.0 45.9 68.9



#5
2-Fluorophenol
Concen: 16.329 ng
RT: 5.705 min Scan# 394
Delta R.T. 0.002 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

Tgt Ion:112 Resp: 41577
Ion Ratio Lower Upper
112 100
64 60.4 48.0 72.0
63 32.7 26.5 39.7

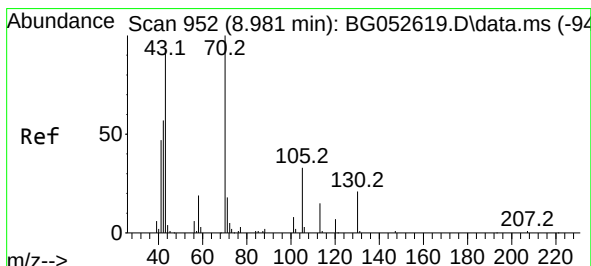
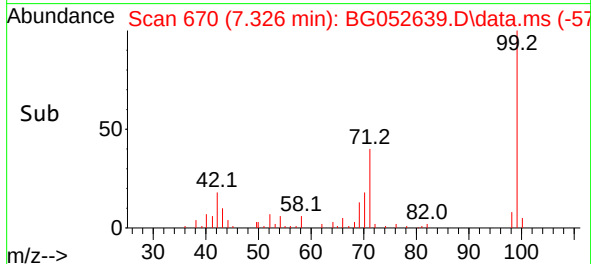
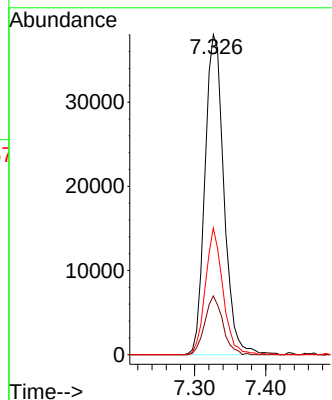
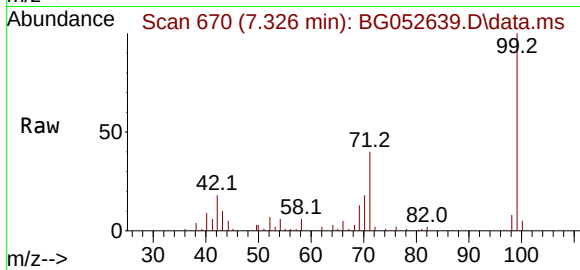




#7
Phenol-d6
Concen: 19.172 ng
RT: 7.326 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

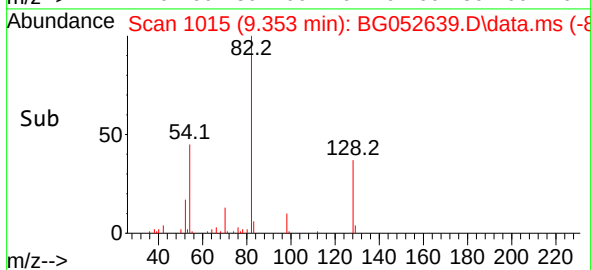
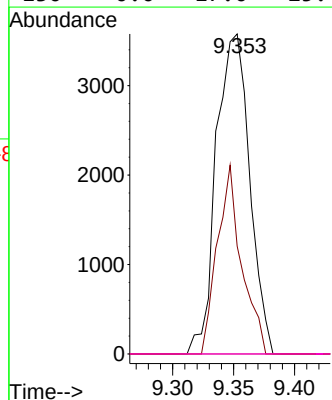
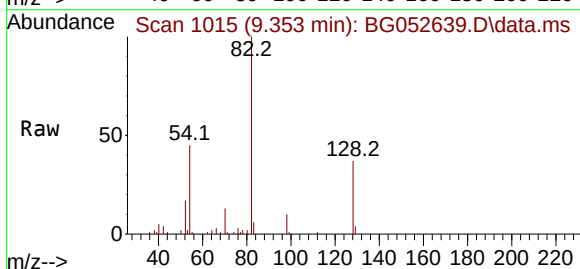
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5

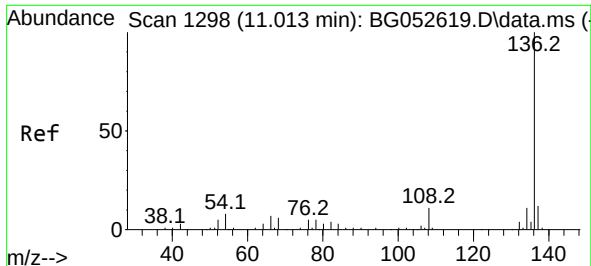
Tgt Ion: 99 Resp: 70651
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 39.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.731 ng
RT: 9.353 min Scan# 1015
Delta R.T. 0.372 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

Tgt Ion: 70 Resp: 6811
Ion Ratio Lower Upper
70 100
42 33.7 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

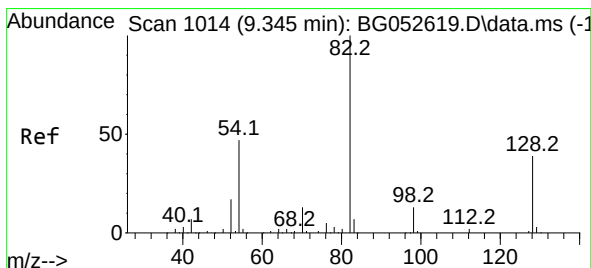
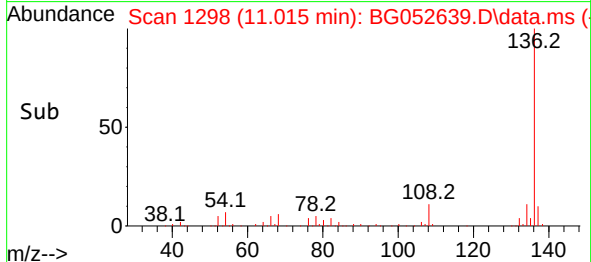
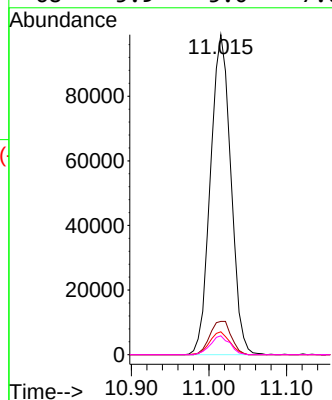
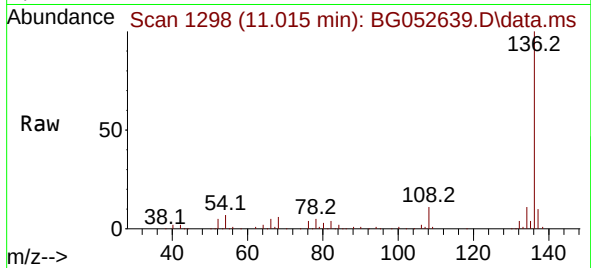




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.015 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

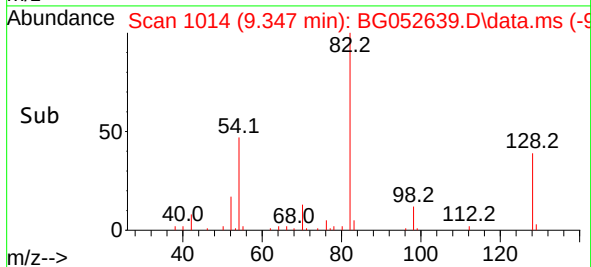
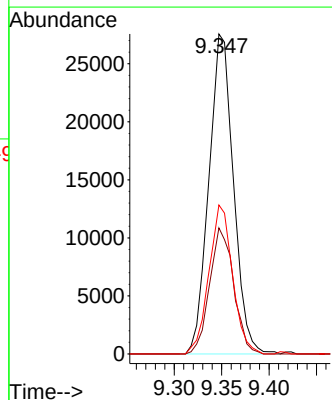
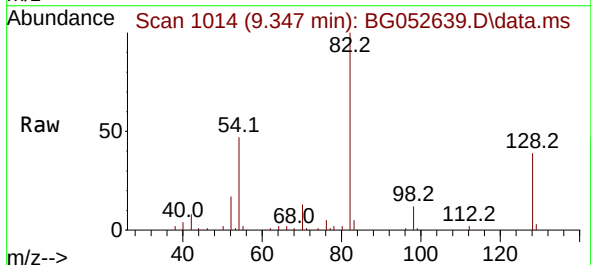
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5

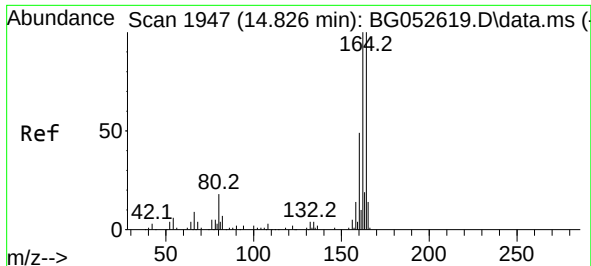
Tgt Ion:	136	Resp:	181455
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.4	14.2
54	7.2	6.4	9.6
68	5.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 12.432 ng
RT: 9.347 min Scan# 1014
Delta R.T. 0.002 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

Tgt Ion:	82	Resp:	49761
Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.3	46.9
54	46.6	37.8	56.8

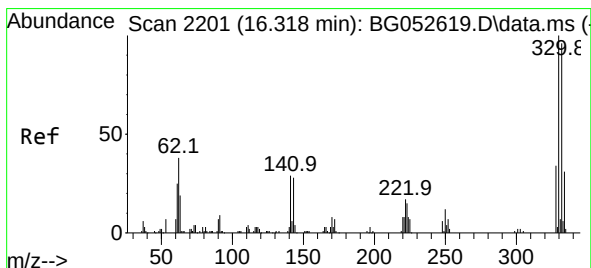
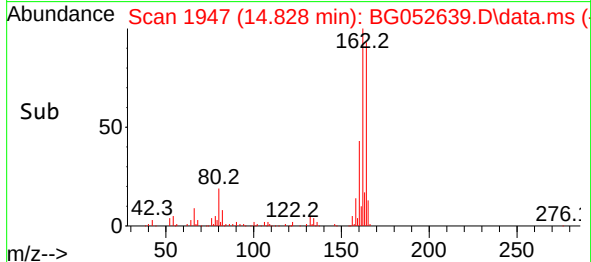
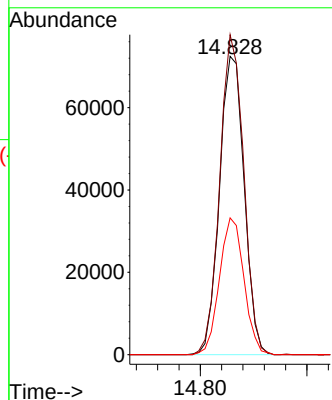
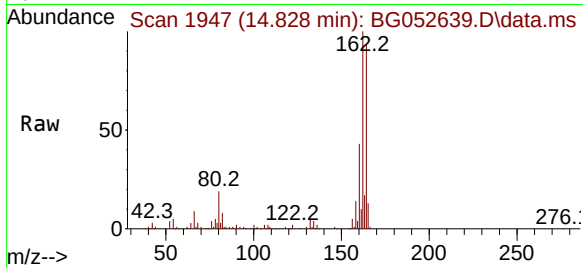




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.828 min Scan# 1947
Delta R.T. 0.002 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

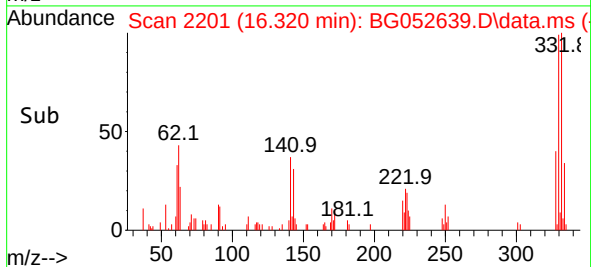
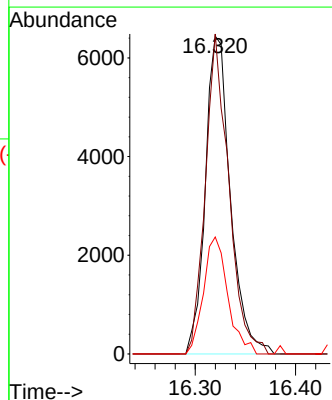
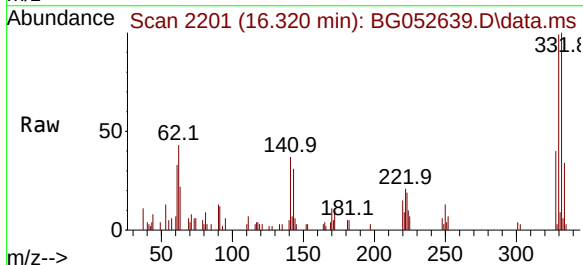
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5

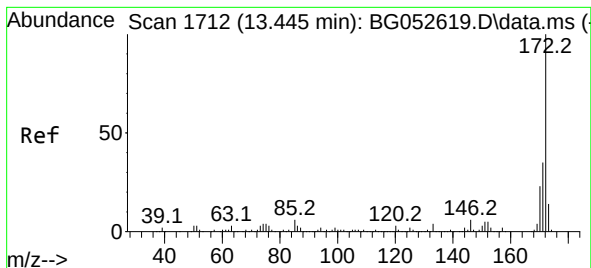
Tgt Ion:164 Resp: 116361
Ion Ratio Lower Upper
164 100
162 107.2 80.0 120.0
160 45.9 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 6.788 ng
RT: 16.320 min Scan# 2201
Delta R.T. 0.002 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

Tgt Ion:330 Resp: 11203
Ion Ratio Lower Upper
330 100
332 93.8 75.8 113.6
141 35.7 24.6 36.8

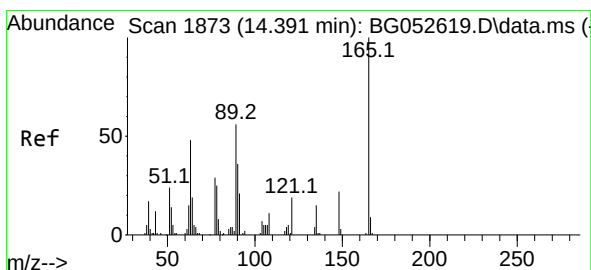
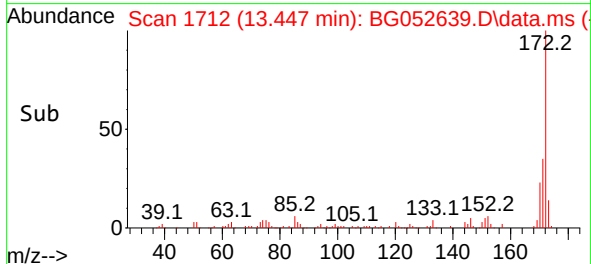
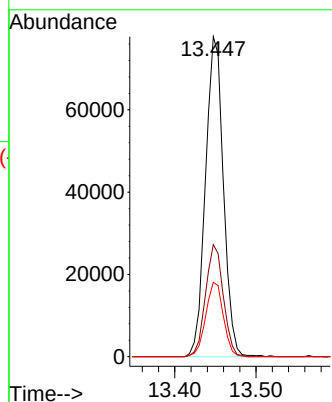
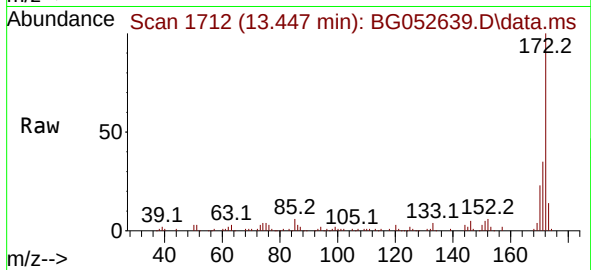




#45
2-Fluorobiphenyl
Concen: 13.772 ng
RT: 13.447 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

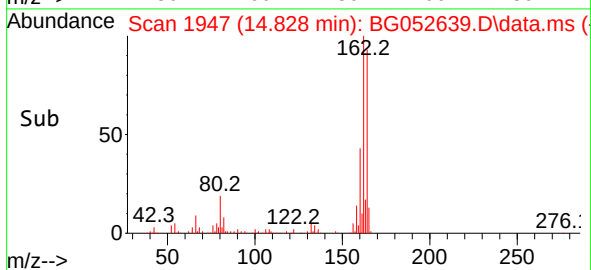
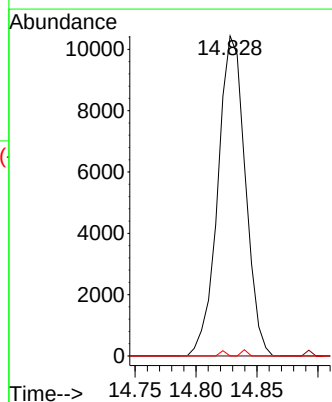
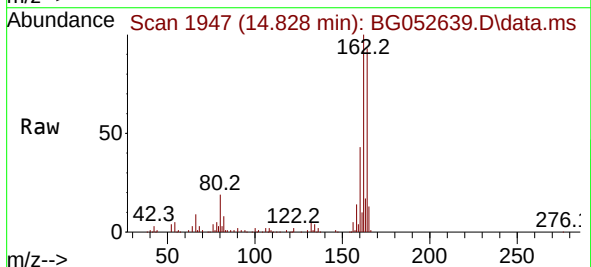
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5

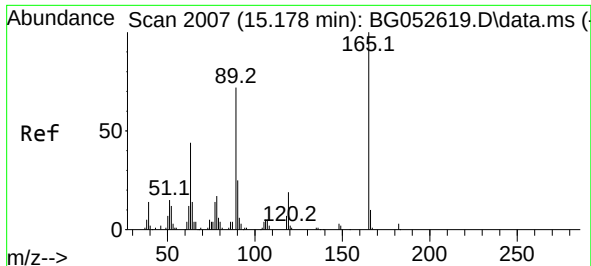
Tgt Ion:172 Resp: 118726
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.3 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.471 ng
RT: 14.828 min Scan# 1947
Delta R.T. 0.437 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

Tgt Ion:165 Resp: 16365
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

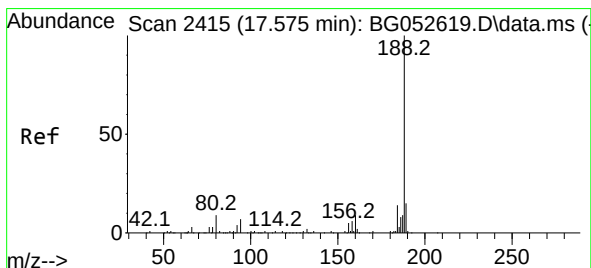
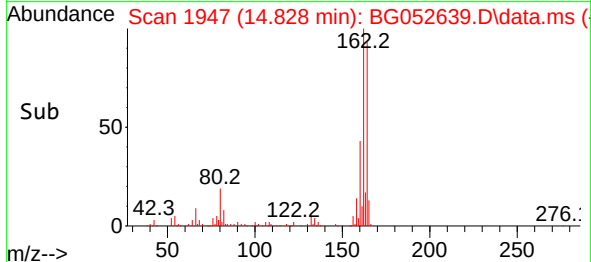
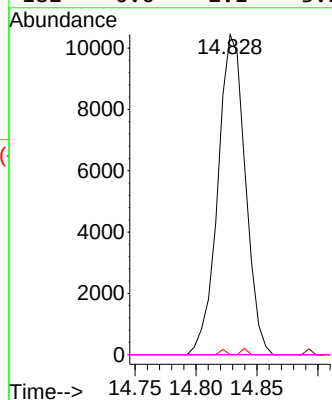
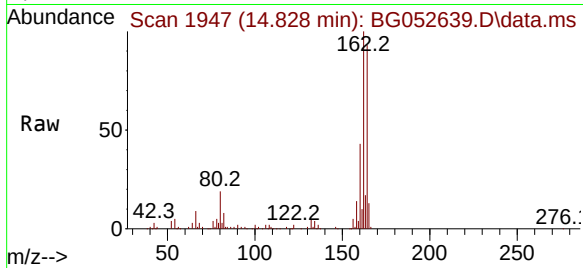




#57
2,4-Dinitrotoluene
Concen: 6.019 ng
RT: 14.828 min Scan# 1947
Delta R.T. -0.350 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

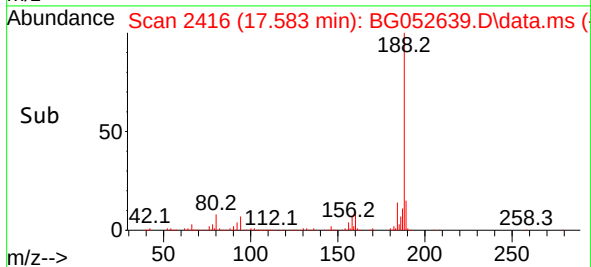
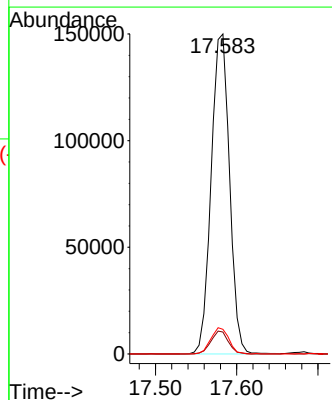
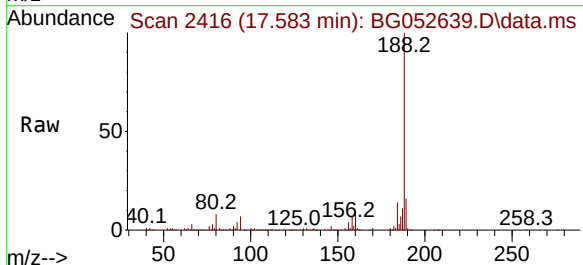
Instrument :
BNA_G
ClientSampleId :
SAMPLE-5

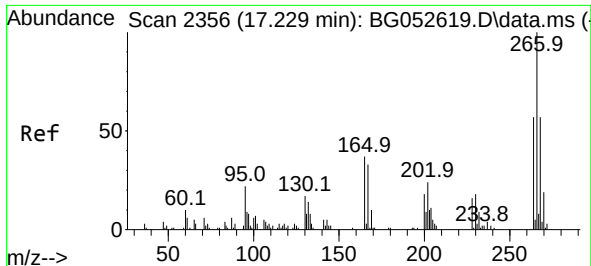
Tgt Ion:165 Resp: 16365
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 2416
Delta R.T. 0.008 min
Lab File: BG052639.D
Acq: 10 Mar 2022 18:15

Tgt Ion:188 Resp: 235441
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 7.7 7.2 10.8

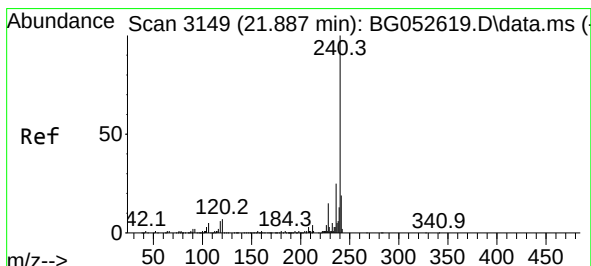
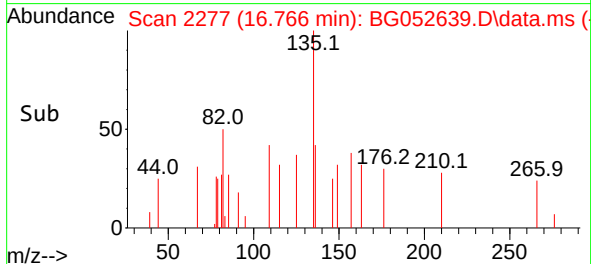
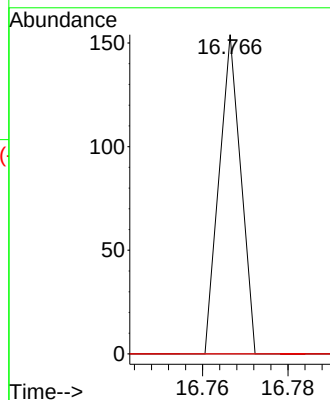
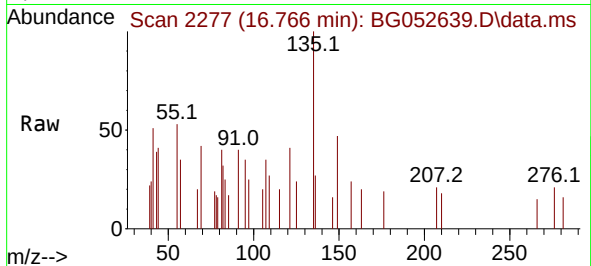




#70
 Pentachlorophenol
 Concen: 5.781 ng
 RT: 16.766 min Scan# 21
 Delta R.T. -0.463 min
 Lab File: BG052639.D
 Acq: 10 Mar 2022 18:15

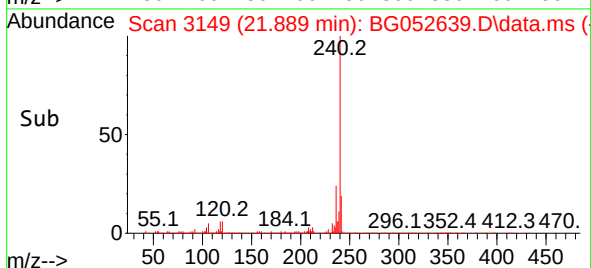
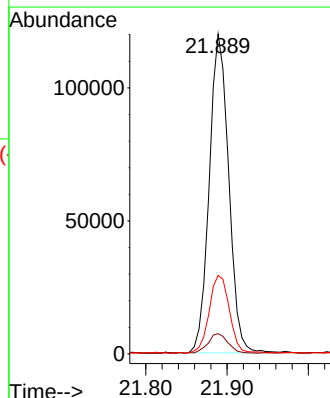
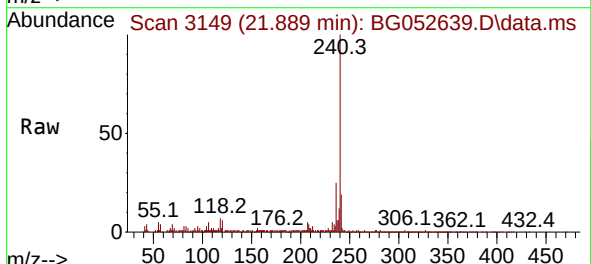
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-5

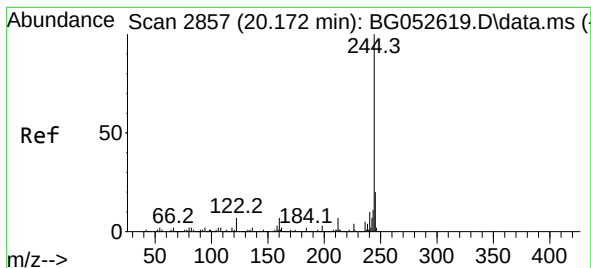
Tgt Ion:266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 268 0.0 45.9 68.9#
 264 0.0 45.3 67.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.889 min Scan# 3149
 Delta R.T. 0.002 min
 Lab File: BG052639.D
 Acq: 10 Mar 2022 18:15

Tgt Ion:240 Resp: 198595
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.4 8.0
 236 24.6 19.8 29.6





#79

Terphenyl-d14

Concen: 13.814 ng

RT: 20.174 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG052639.D

Acq: 10 Mar 2022 18:15

Instrument :

BNA_G

ClientSampleId :

SAMPLE-5

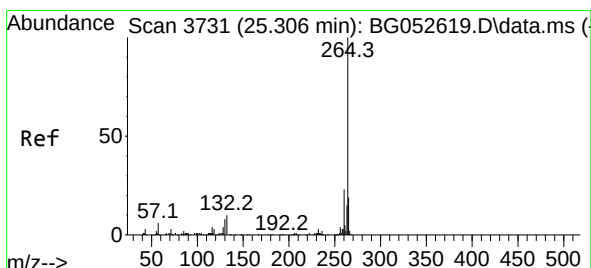
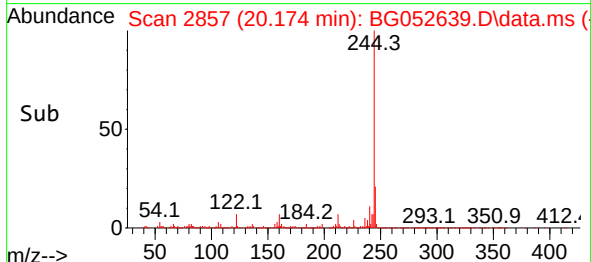
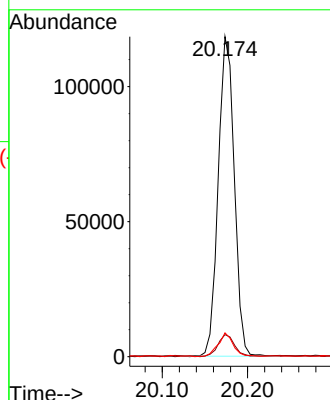
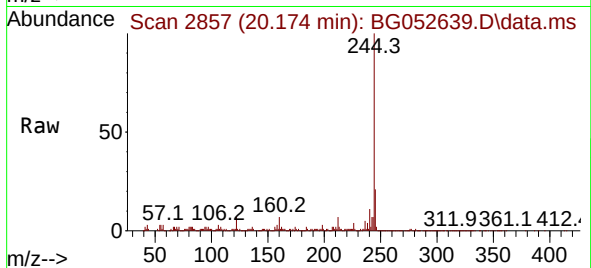
Tgt Ion:244 Resp: 155038

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 7.5 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.325 min Scan# 3734

Delta R.T. 0.020 min

Lab File: BG052639.D

Acq: 10 Mar 2022 18:15

Tgt Ion:264 Resp: 176446

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

265 21.5 15.1 22.7

