

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
 Data File : BG052643.D
 Acq On : 10 Mar 2022 20:50
 Operator : CG/JU
 Sample : N1845-06 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-3

Quant Time: Mar 11 03:46:16 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)

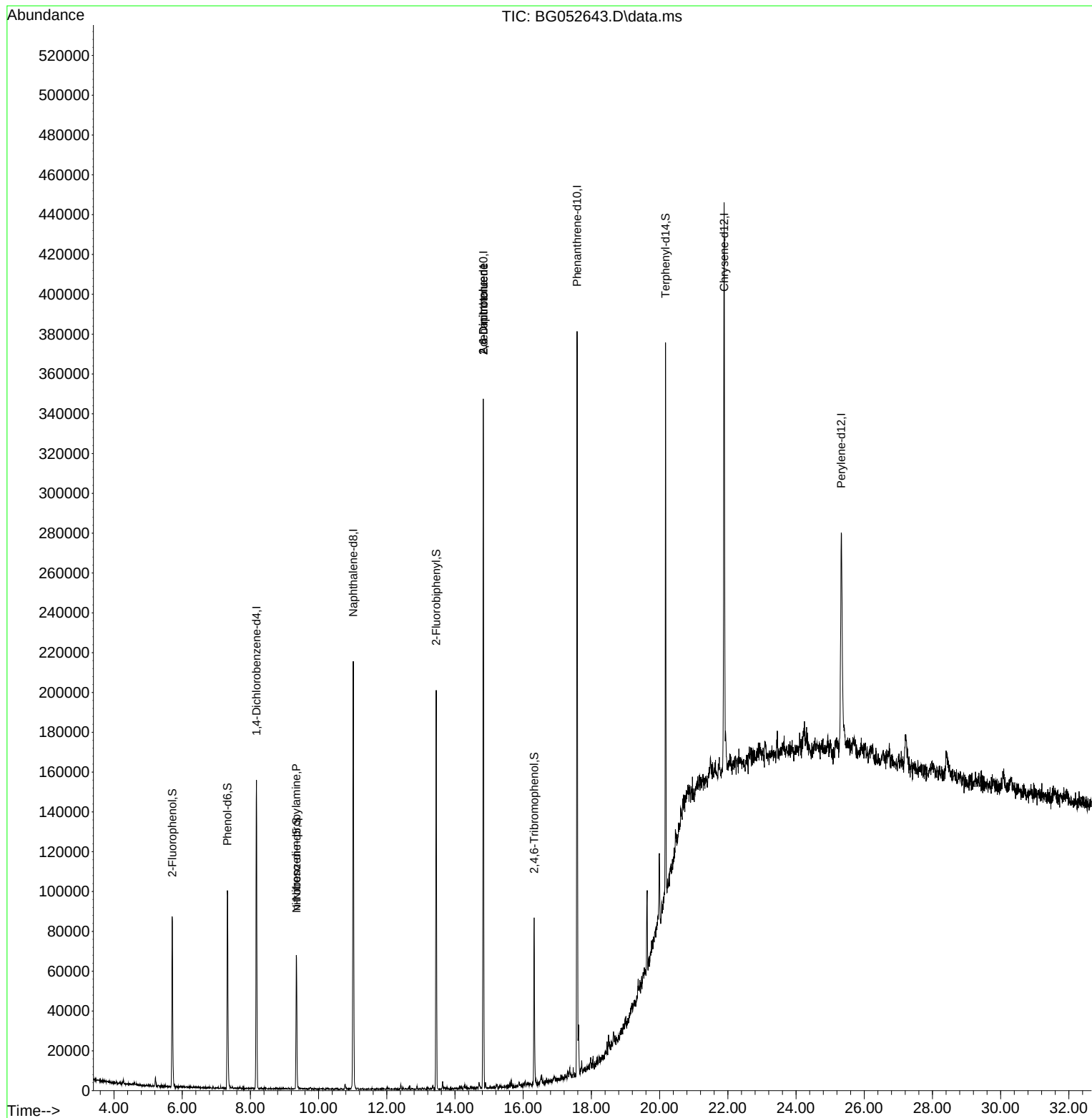
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.179	152	47833	20.000	ng	0.00
21) Naphthalene-d8	11.016	136	189001	20.000	ng	0.00
39) Acenaphthene-d10	14.828	164	122322	20.000	ng	0.00
64) Phenanthrene-d10	17.578	188	243981	20.000	ng	0.00
76) Chrysene-d12	21.889	240	197824	20.000	ng	0.00
86) Perylene-d12	25.326	264	151715	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.711	112	44166	15.951	ng	0.00
7) Phenol-d6	7.327	99	64198	16.020	ng	0.00
23) Nitrobenzene-d5	9.354	82	46176	11.075	ng	0.00
42) 2,4,6-Tribromophenol	16.321	330	19441	11.206	ng	0.00
45) 2-Fluorobiphenyl	13.448	172	109528	12.086	ng	0.00
79) Terphenyl-d14	20.174	244	138456	12.385	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.348	70	6013	2.217	ng	Qvalue # 74
51) 2,6-Dinitrotoluene	14.828	165	16556	8.152	ng	# 25
57) 2,4-Dinitrotoluene	14.828	165	16556	5.792	ng	# 23

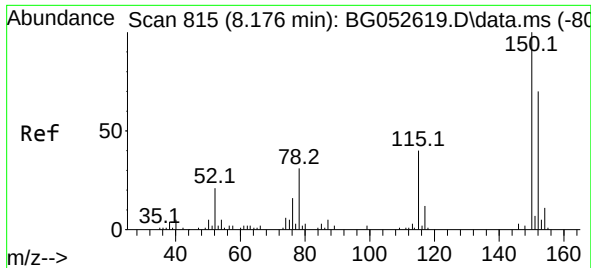
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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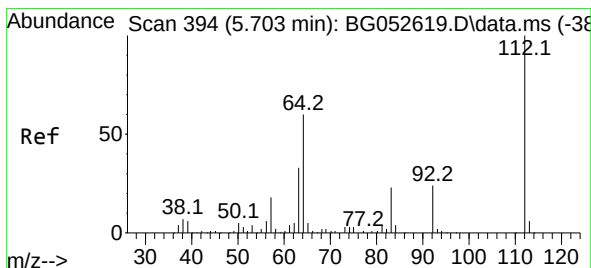
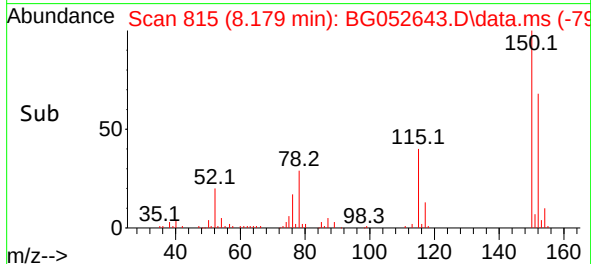
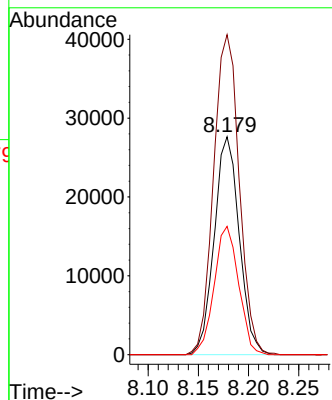
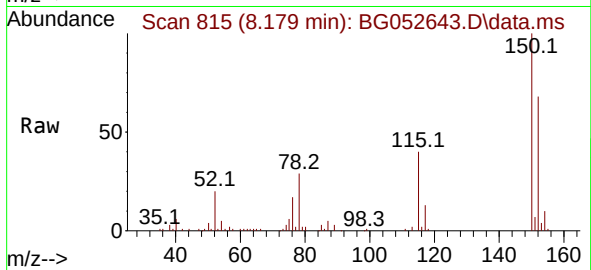




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.179 min Scan# 815
Delta R.T. 0.003 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

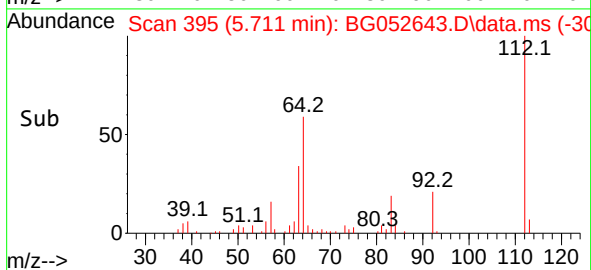
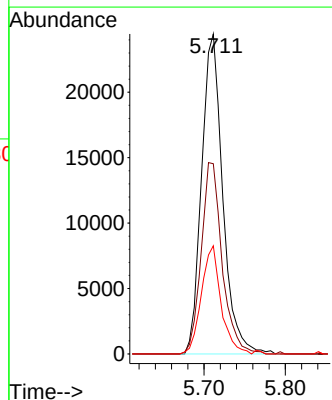
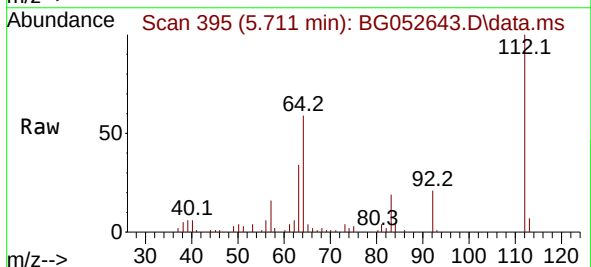
Instrument :
BNA_G
ClientSampleId :
SAMPLE-3

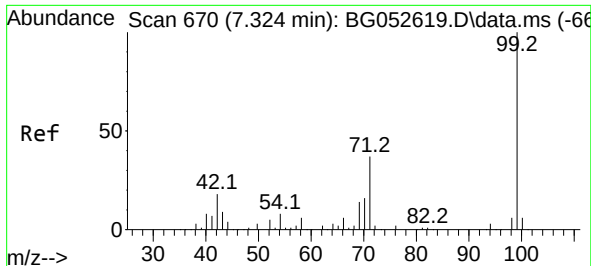
Tgt Ion:152 Resp: 47833
Ion Ratio Lower Upper
152 100
150 146.8 114.6 172.0
115 58.9 45.9 68.9



#5
2-Fluorophenol
Concen: 15.951 ng
RT: 5.711 min Scan# 395
Delta R.T. 0.008 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

Tgt Ion:112 Resp: 44166
Ion Ratio Lower Upper
112 100
64 59.4 48.0 72.0
63 33.8 26.5 39.7

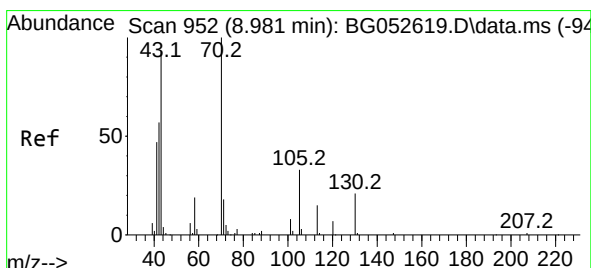
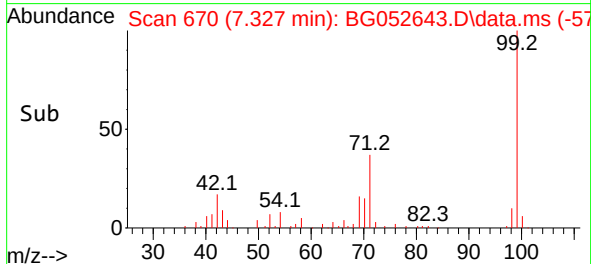
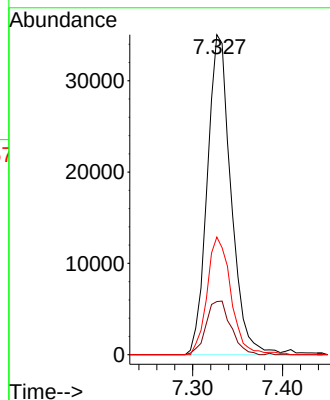
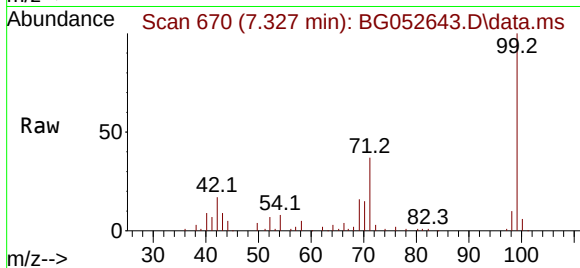




#7
Phenol-d6
Concen: 16.020 ng
RT: 7.327 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

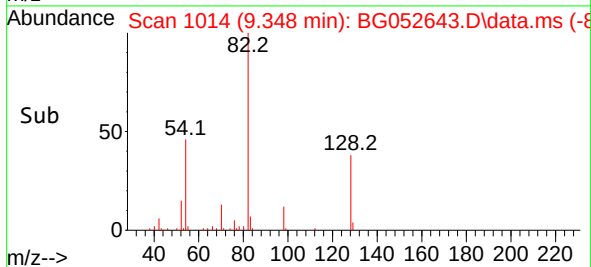
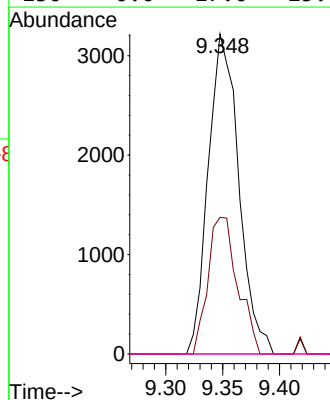
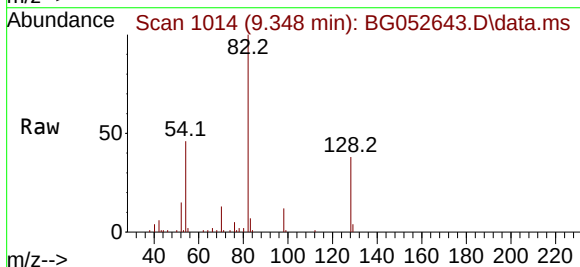
Instrument :
BNA_G
ClientSampleId :
SAMPLE-3

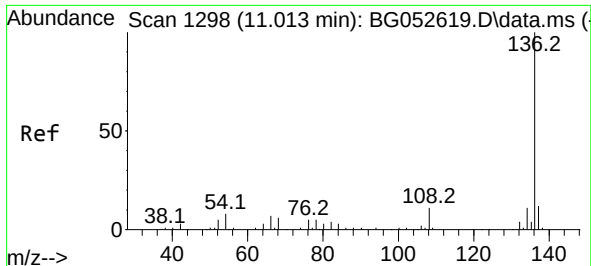
Tgt Ion: 99 Resp: 64198
Ion Ratio Lower Upper
99 100
42 16.6 14.7 22.1
71 36.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.217 ng
RT: 9.348 min Scan# 1014
Delta R.T. 0.367 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

Tgt Ion: 70 Resp: 6013
Ion Ratio Lower Upper
70 100
42 42.7 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

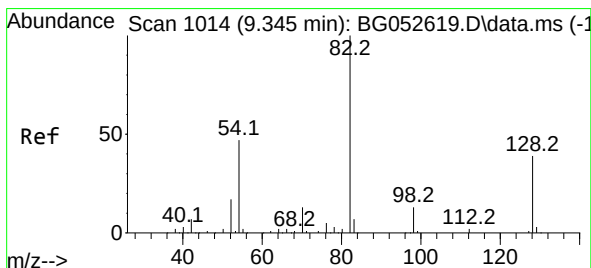
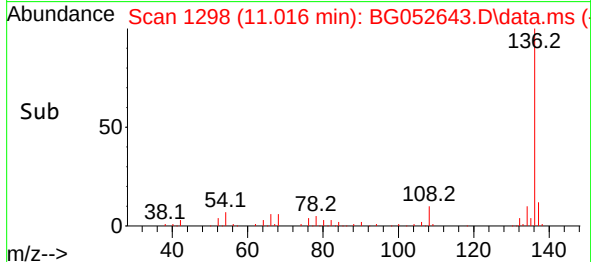
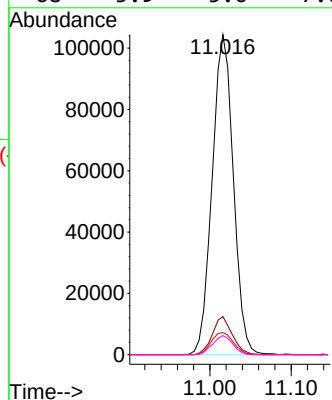
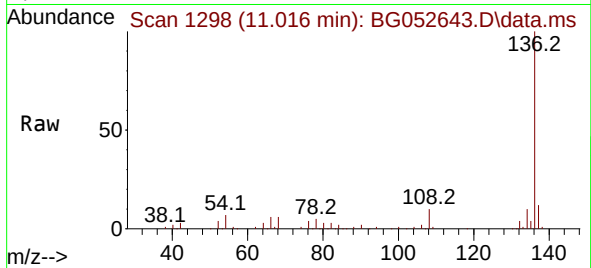




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.016 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

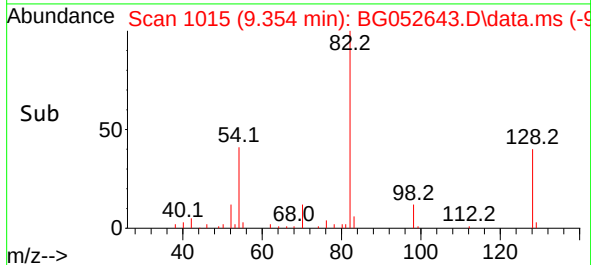
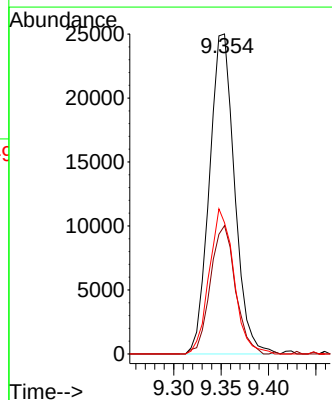
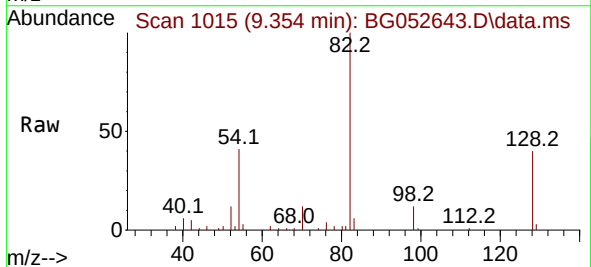
Instrument :
BNA_G
ClientSampleId :
SAMPLE-3

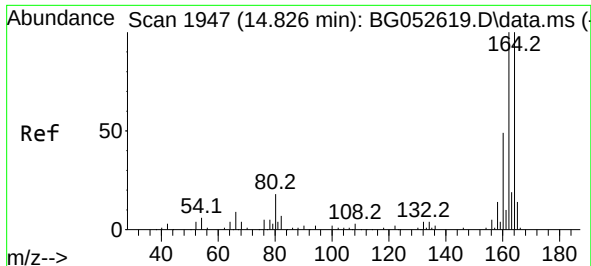
Tgt Ion:	136	Resp:	189001
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.4	14.2
54	6.9	6.4	9.6
68	5.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 11.075 ng
RT: 9.354 min Scan# 1015
Delta R.T. 0.008 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

Tgt Ion:	82	Resp:	46176
Ion Ratio	Lower	Upper	
82	100		
128	40.1	31.3	46.9
54	41.0	37.8	56.8

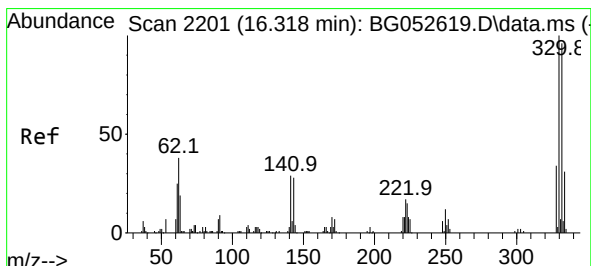
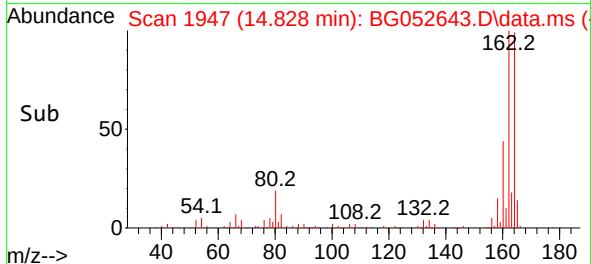
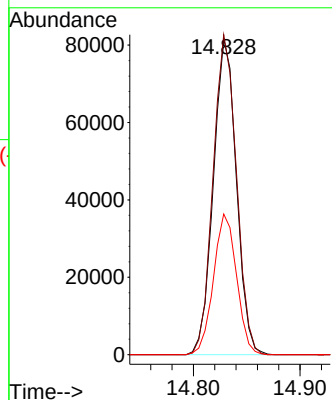
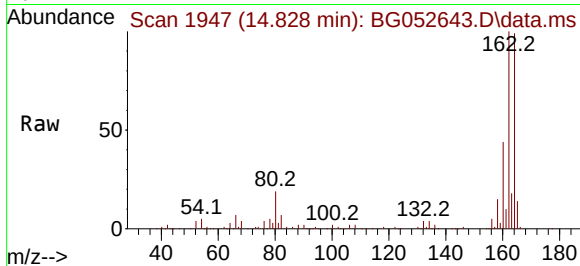




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.828 min Scan# 1947
Delta R.T. 0.003 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

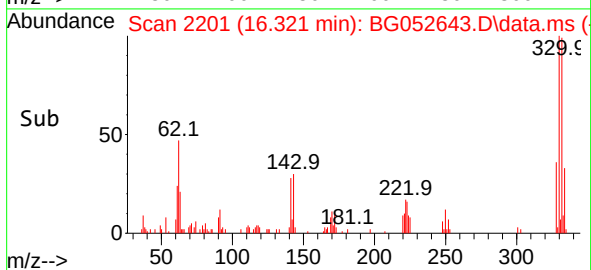
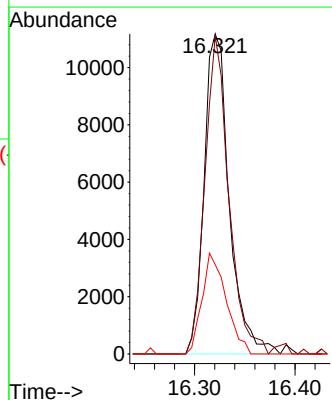
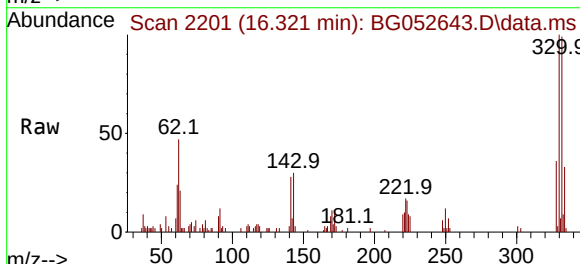
Instrument :
BNA_G
ClientSampleId :
SAMPLE-3

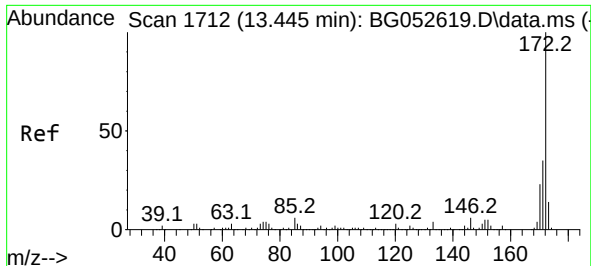
Tgt Ion:164 Resp: 122322
Ion Ratio Lower Upper
164 100
162 101.2 80.0 120.0
160 44.5 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 11.206 ng
RT: 16.321 min Scan# 2201
Delta R.T. 0.003 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

Tgt Ion:330 Resp: 19441
Ion Ratio Lower Upper
330 100
332 94.7 75.8 113.6
141 30.3 24.6 36.8

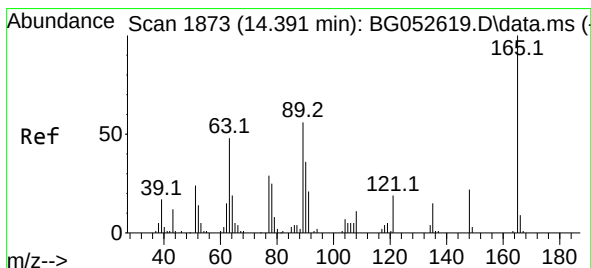
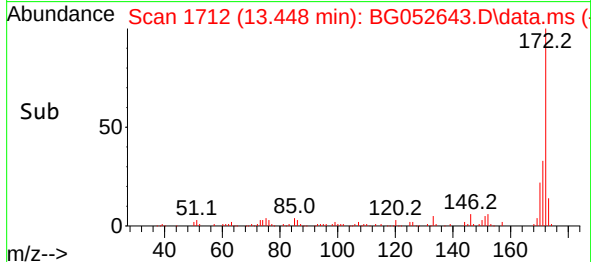
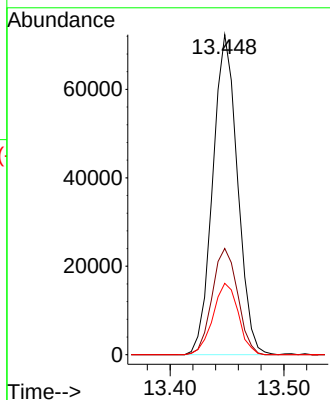
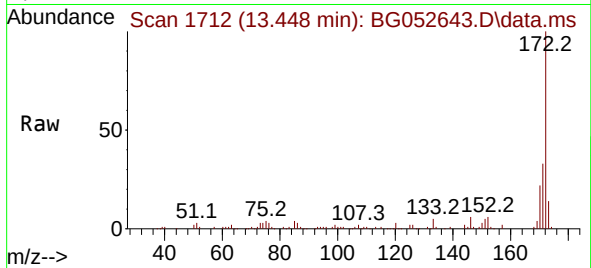




#45
2-Fluorobiphenyl
Concen: 12.086 ng
RT: 13.448 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

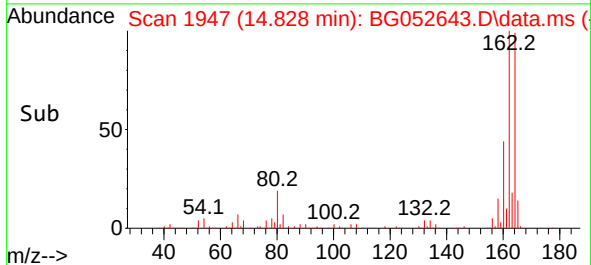
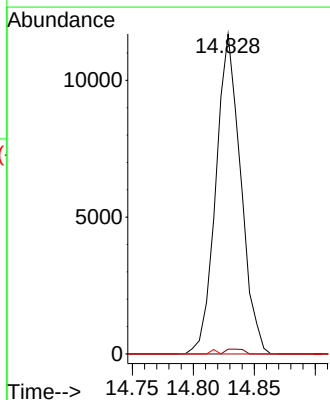
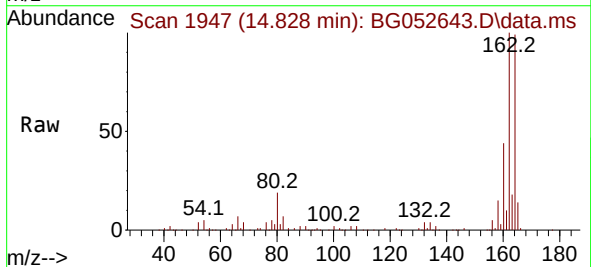
Instrument :
BNA_G
ClientSampleId :
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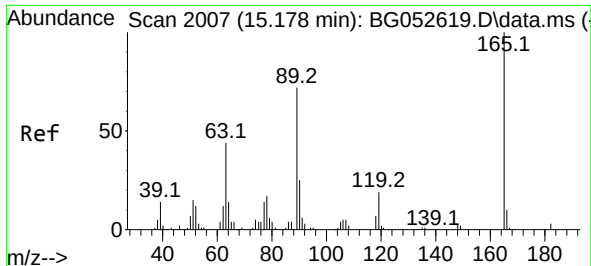
Tgt Ion:172 Resp: 109528
Ion Ratio Lower Upper
172 100
171 33.2 28.3 42.5
170 22.3 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.152 ng
RT: 14.828 min Scan# 1947
Delta R.T. 0.437 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

Tgt Ion:165 Resp: 16556
Ion Ratio Lower Upper
165 100
63 1.5 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.792 ng

RT: 14.828 min Scan# 1947

Delta R.T. -0.350 min

Lab File: BG052643.D

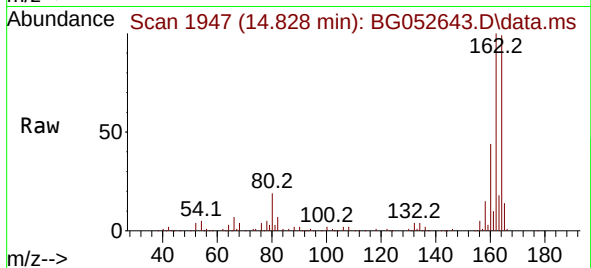
Acq: 10 Mar 2022 20:50

Instrument :

BNA_G

ClientSampleId :

SAMPLE-3



Tgt Ion:165 Resp: 16556

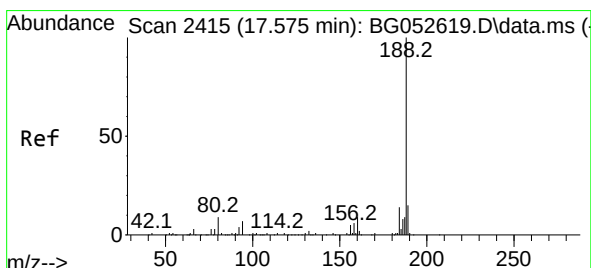
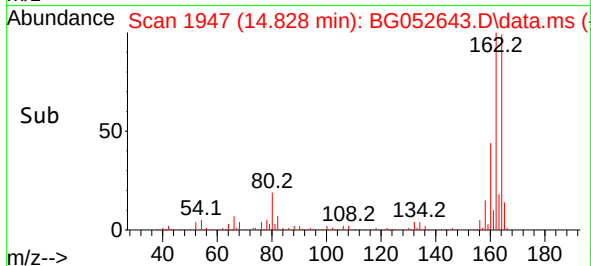
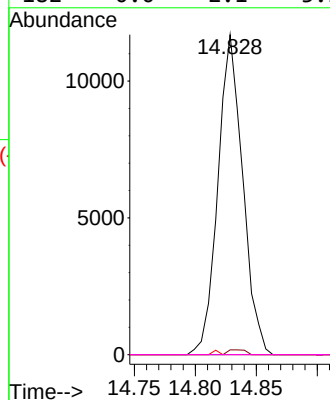
Ion Ratio Lower Upper

165 100

63 1.5 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: 17.578 min Scan# 2415

Delta R.T. 0.003 min

Lab File: BG052643.D

Acq: 10 Mar 2022 20:50

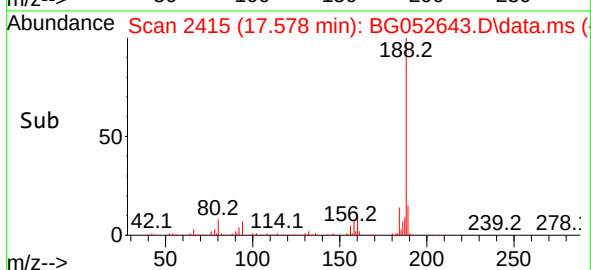
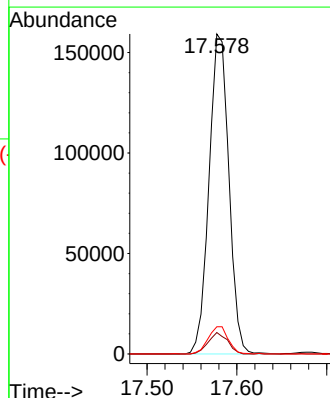
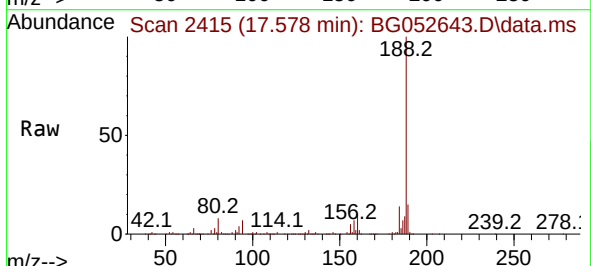
Tgt Ion:188 Resp: 243981

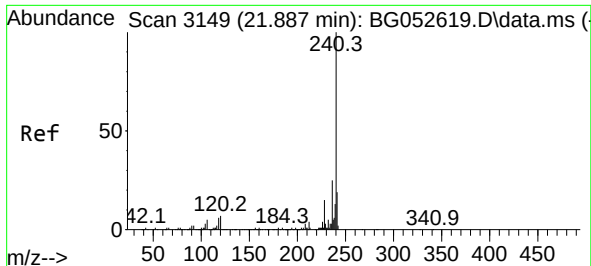
Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

80 8.5 7.2 10.8

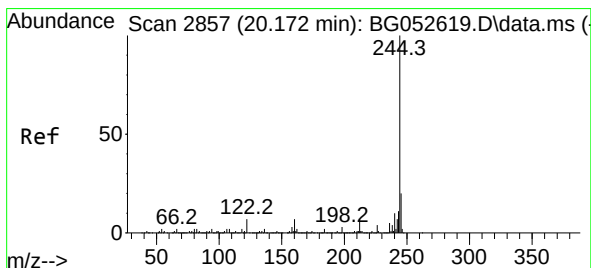
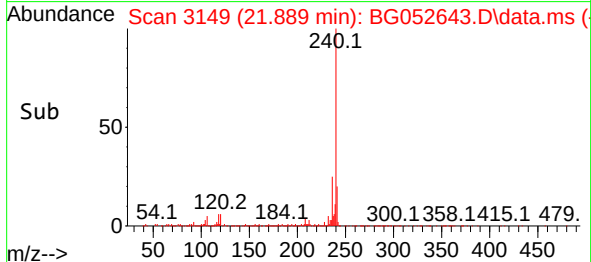
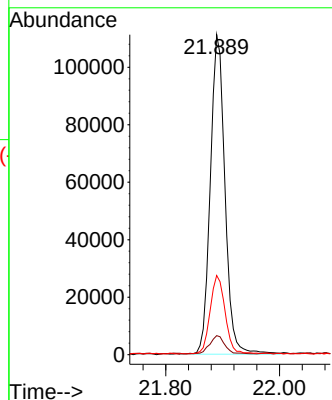
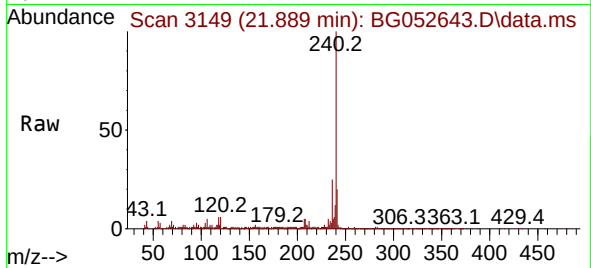




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

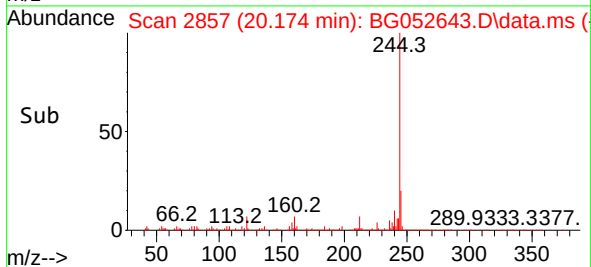
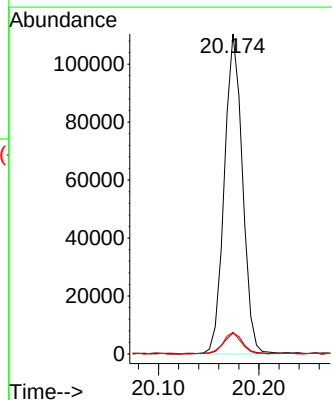
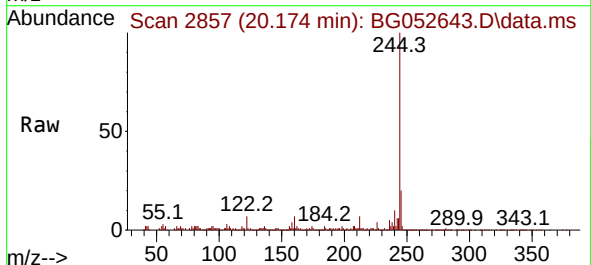
Instrument :
BNA_G
ClientSampleId :
SAMPLE-3

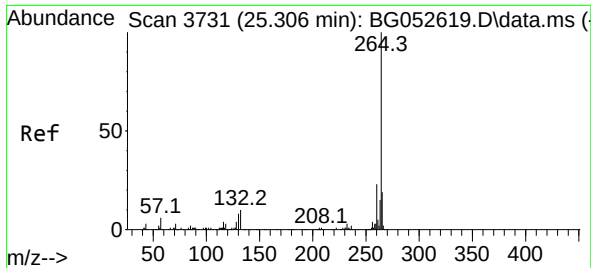
Tgt Ion:240 Resp: 197824
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 24.8 19.8 29.6



#79
Terphenyl-d14
Concen: 12.385 ng
RT: 20.174 min Scan# 2857
Delta R.T. 0.003 min
Lab File: BG052643.D
Acq: 10 Mar 2022 20:50

Tgt Ion:244 Resp: 138456
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 6.8 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.326 min Scan# 31
 Delta R.T. 0.020 min
 Lab File: BG052643.D
 Acq: 10 Mar 2022 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-3

Tgt Ion:264 Resp: 151715
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.2 27.2
 265 22.0 15.1 22.7

