

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053617.D
 Acq On : 19 May 2022 00:00
 Operator : CG/JU
 Sample : N2879-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-0516

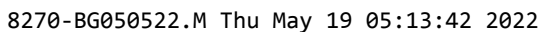
Quant Time: May 19 05:13:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

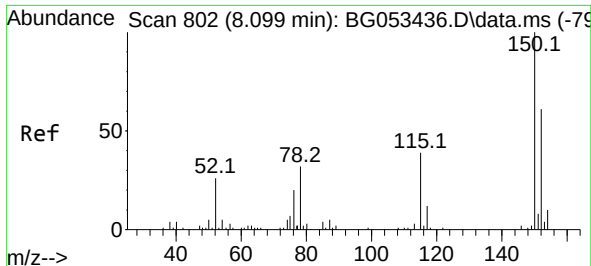
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	21225	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	88021	20.000	ng	0.00
39) Acenaphthene-d10	14.702	164	66390	20.000	ng	-0.01
64) Phenanthrene-d10	17.451	188	166360	20.000	ng	0.00
76) Chrysene-d12	21.734	240	183728	20.000	ng	0.00
86) Perylene-d12	25.006	264	190208	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	184827	147.786	ng	0.00
7) Phenol-d6	7.247	99	247936	130.628	ng	0.00
23) Nitrobenzene-d5	9.239	82	209932	101.527	ng	-0.01
42) 2,4,6-Tribromophenol	16.194	330	151442	154.663	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	453105	99.731	ng	0.00
79) Terphenyl-d14	20.054	244	965101	97.833	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.239	70	30550	22.433	ng	Qvalue # 74
51) 2,6-Dinitrotoluene	14.702	165	8304	8.079	ng	# 18
57) 2,4-Dinitrotoluene	14.702	165	8304	5.574	ng	# 23
67) 4-Bromophenyl-phenylether	16.194	248	9947	5.120	ng	# 1
70) Pentachlorophenol	17.451	266	54	4.695	ng	# 16
77) Benizidine	20.054	184	17261	4.359	ng	# 91

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

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QLast Update : Wed May 11 06:00:46 2022
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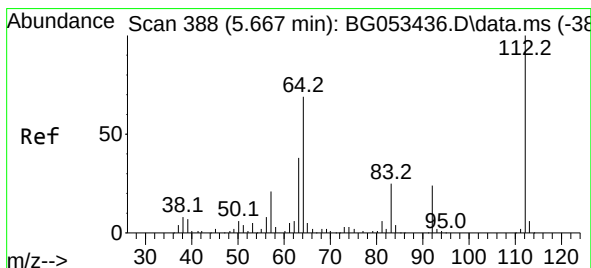
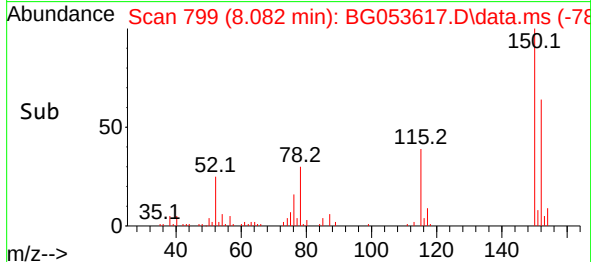
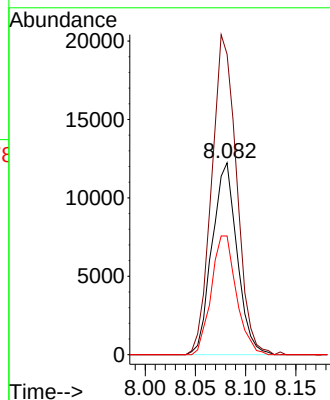
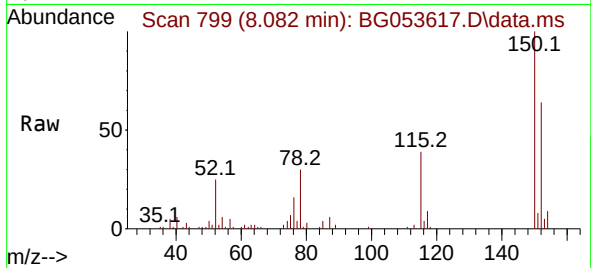




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 79
Delta R.T. -0.007 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

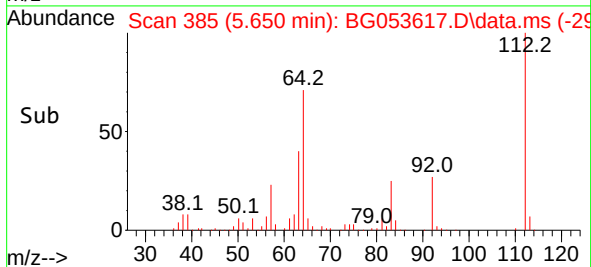
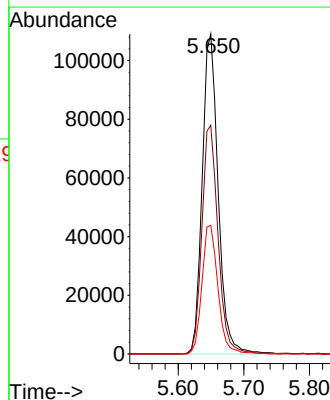
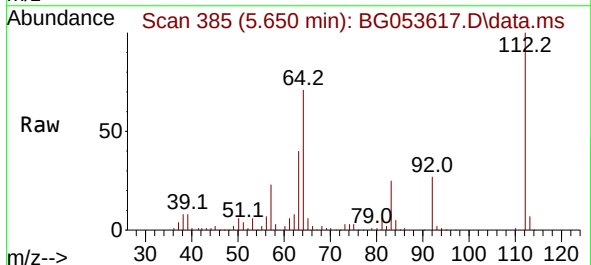
Instrument :
BNA_G
ClientSampleId :
TP-4-0516

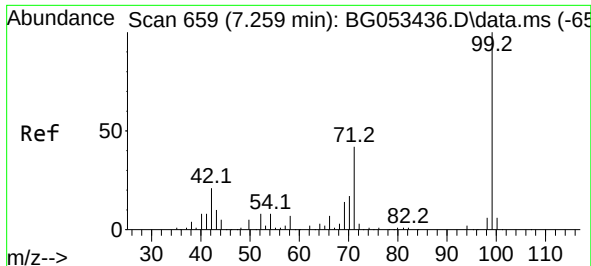
Tgt Ion:152 Resp: 21225
Ion Ratio Lower Upper
152 100
150 156.5 131.6 197.4
115 61.8 50.9 76.3



#5
2-Fluorophenol
Concen: 147.786 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion:112 Resp: 184827
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 40.2 30.4 45.6

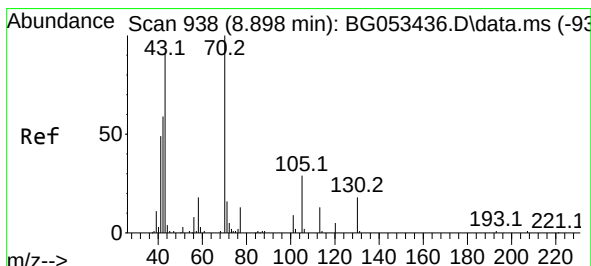
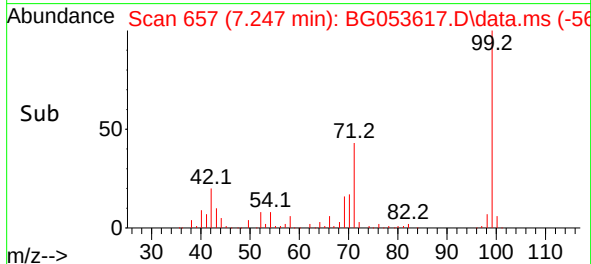
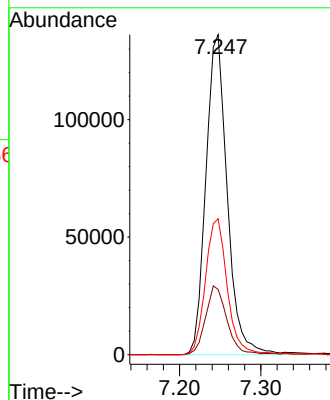
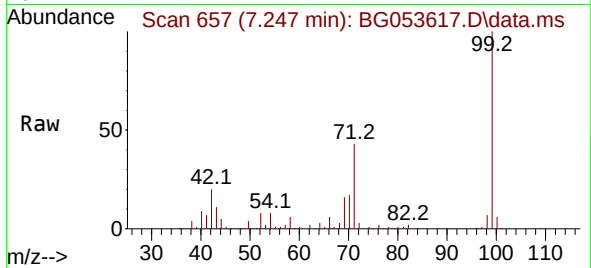




#7
Phenol-d6
Concen: 130.628 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

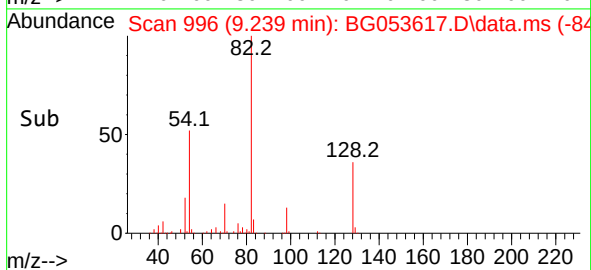
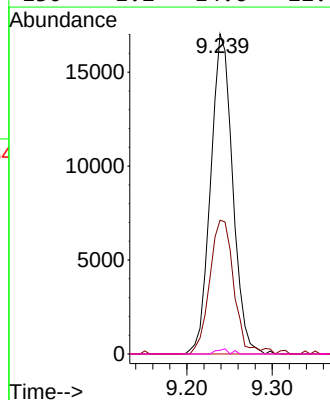
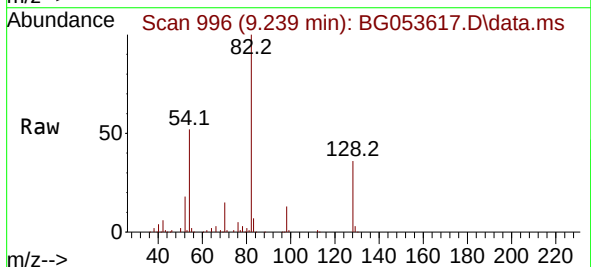
Instrument :
BNA_G
ClientSampleId :
TP-4-0516

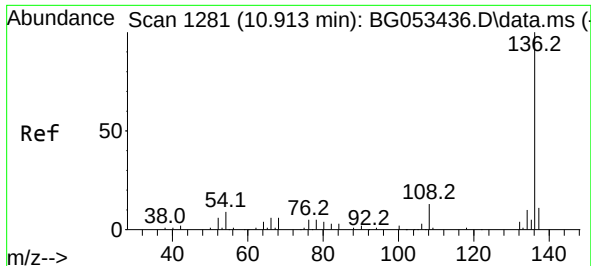
Tgt Ion: 99 Resp: 247936
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 42.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.433 ng
RT: 9.239 min Scan# 996
Delta R.T. 0.350 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion: 70 Resp: 30550
Ion Ratio Lower Upper
70 100
42 41.8 47.3 70.9#
101 0.0 7.0 10.4#
130 1.2 14.6 22.0#

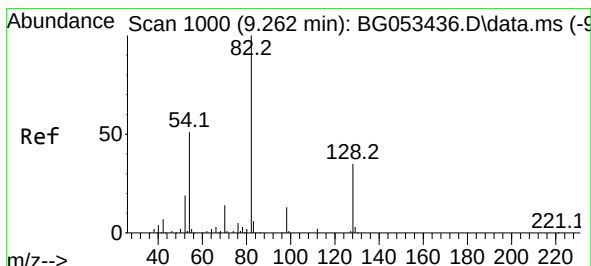
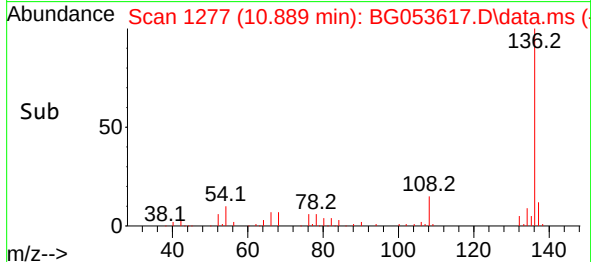
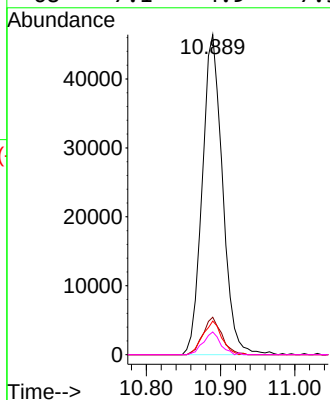
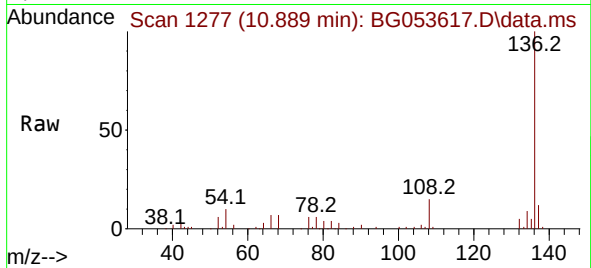




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

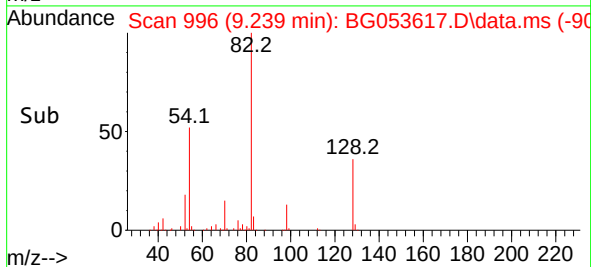
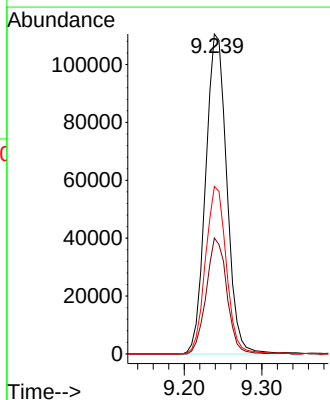
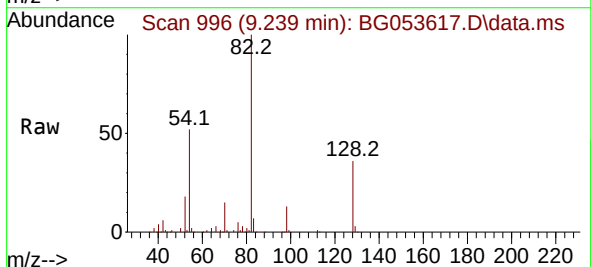
Instrument :
BNA_G
ClientSampleId :
TP-4-0516

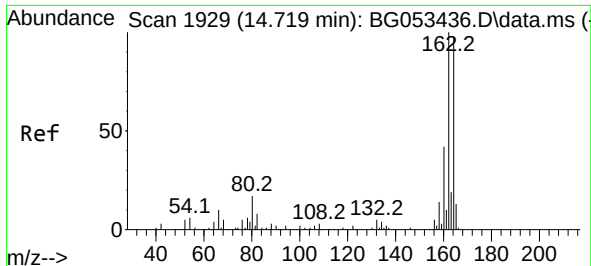
Tgt Ion:	136	Resp:	88021
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	10.5	7.4	11.2
68	7.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 101.527 ng
RT: 9.239 min Scan# 996
Delta R.T. -0.014 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion:	82	Resp:	209932
Ion	Ratio	Lower	Upper
82	100		
128	36.2	27.9	41.9
54	52.3	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.702 min Scan# 1926

Delta R.T. -0.014 min

Lab File: BG053617.D

Acq: 19 May 2022 00:00

Instrument :

BNA_G

ClientSampleId :

TP-4-0516

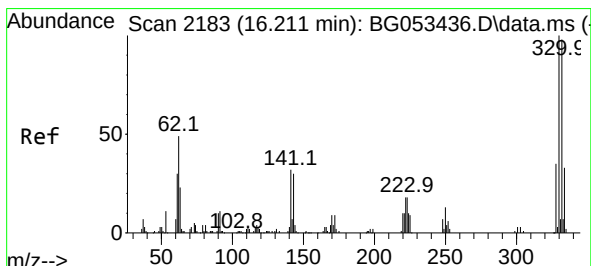
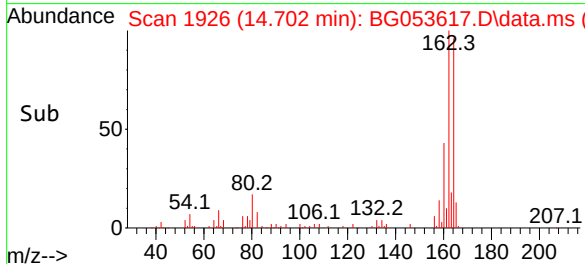
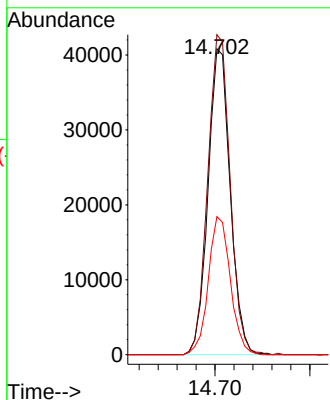
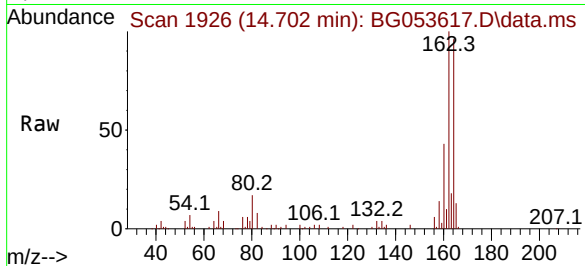
Tgt Ion:164 Resp: 66390

Ion Ratio Lower Upper

164 100

162 104.6 82.3 123.5

160 45.1 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 154.663 ng

RT: 16.194 min Scan# 2180

Delta R.T. -0.008 min

Lab File: BG053617.D

Acq: 19 May 2022 00:00

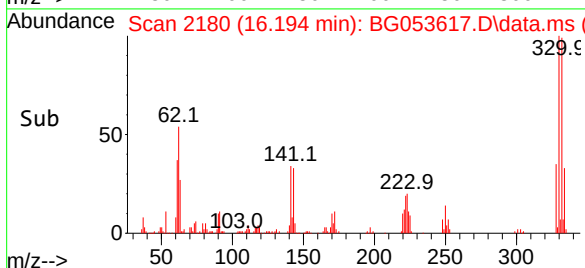
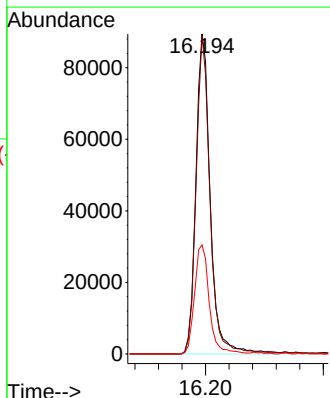
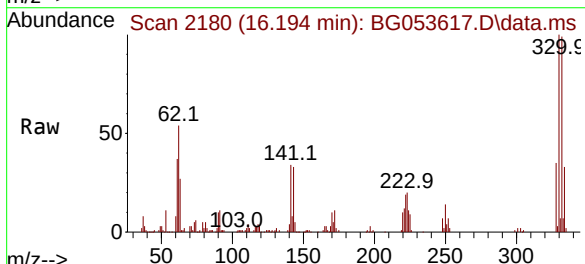
Tgt Ion:330 Resp: 151442

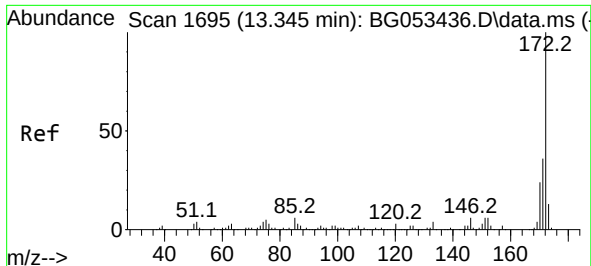
Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 34.8 27.1 40.7

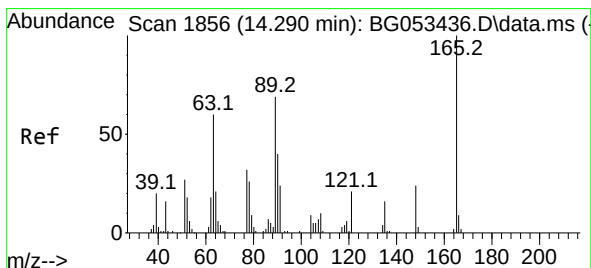
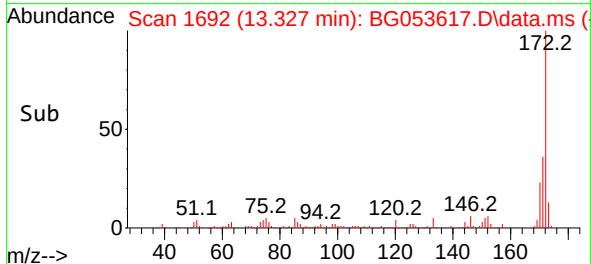
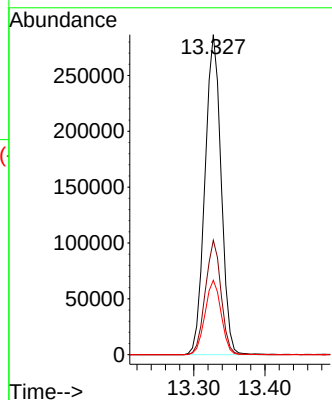
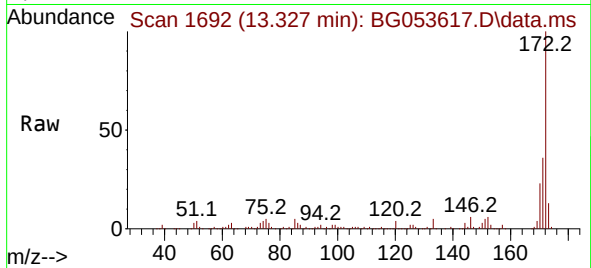




#45
2-Fluorobiphenyl
Concen: 99.731 ng
RT: 13.327 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

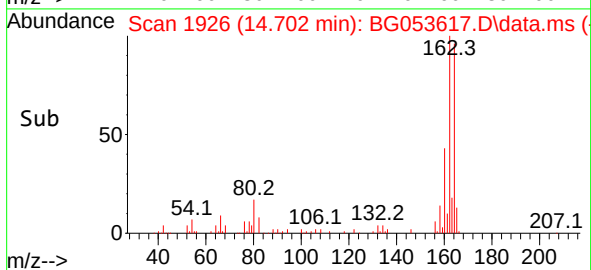
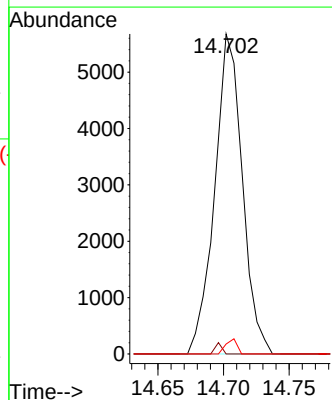
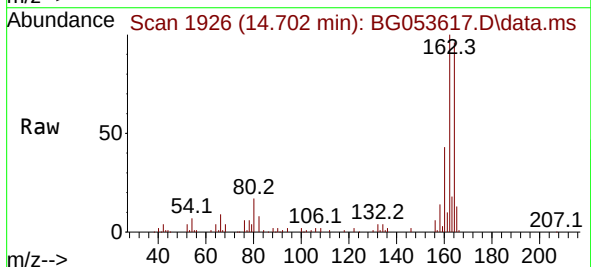
Instrument :
BNA_G
ClientSampleId :
TP-4-0516

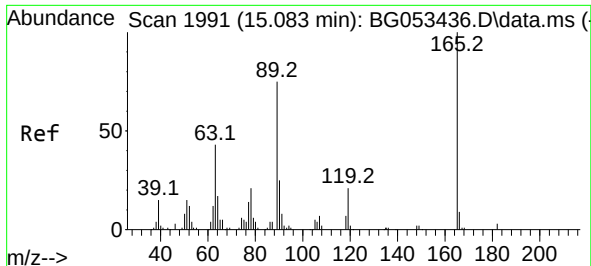
Tgt Ion:172 Resp: 453105
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.079 ng
RT: 14.702 min Scan# 1926
Delta R.T. 0.421 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion:165 Resp: 8304
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 3.1 54.8 82.2#

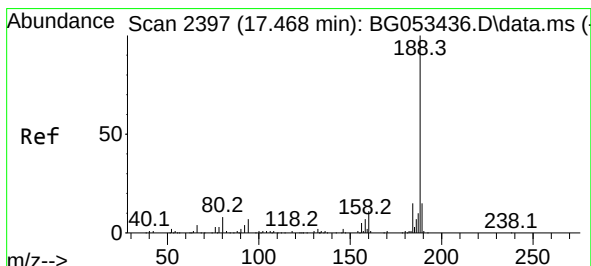
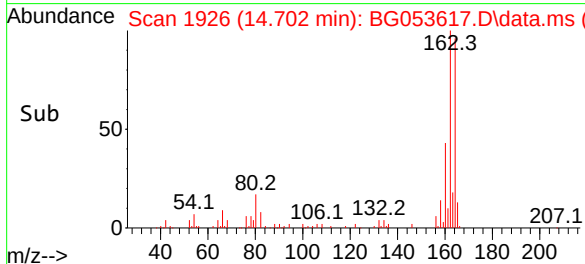
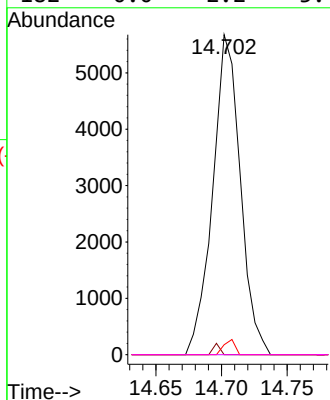
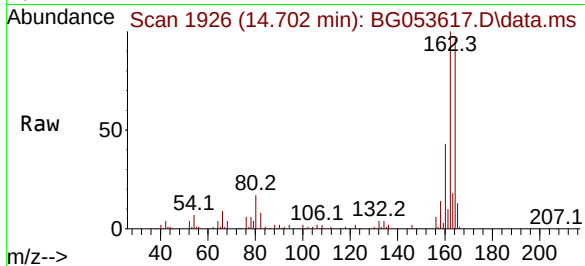




#57
2,4-Dinitrotoluene
Concen: 5.574 ng
RT: 14.702 min Scan# 1926
Delta R.T. -0.372 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

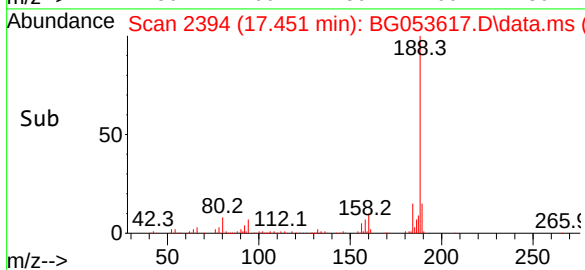
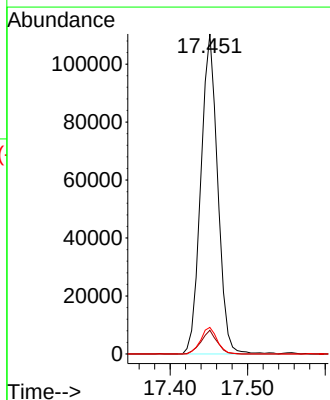
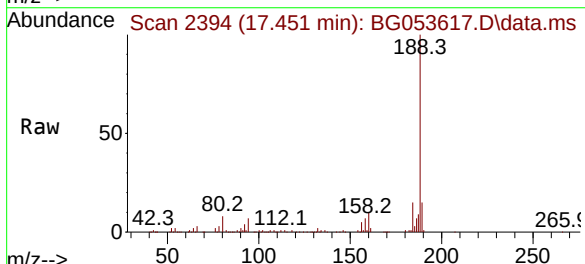
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TP-4-0516

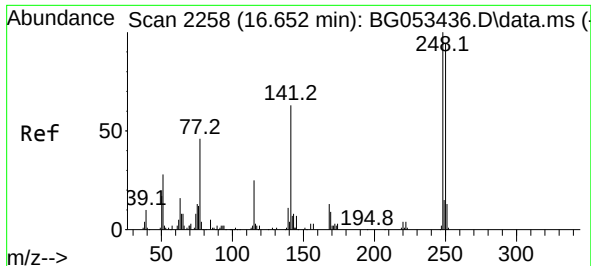
Tgt Ion:165 Resp: 8304
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 3.1 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 2394
Delta R.T. -0.008 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion:188 Resp: 166360
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 8.3 6.8 10.2

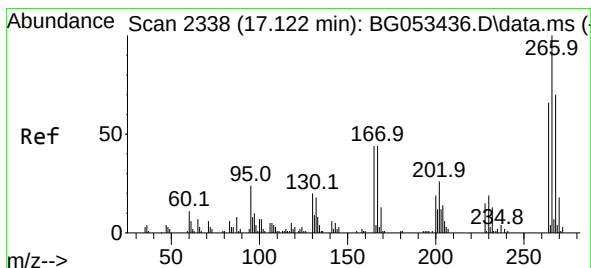
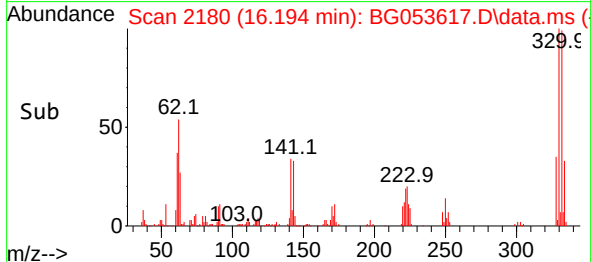
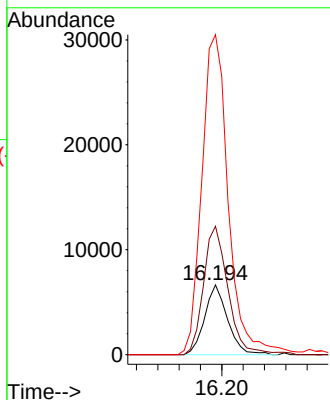
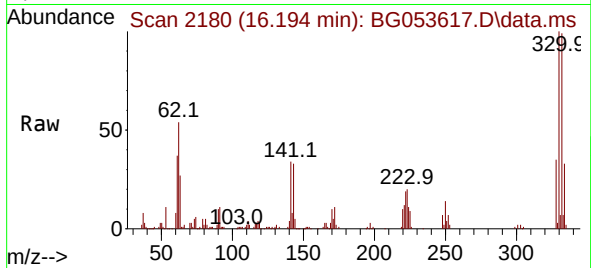




#67
4-Bromophenyl-phenylether
Concen: 5.120 ng
RT: 16.194 min Scan# 2180
Delta R.T. -0.448 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

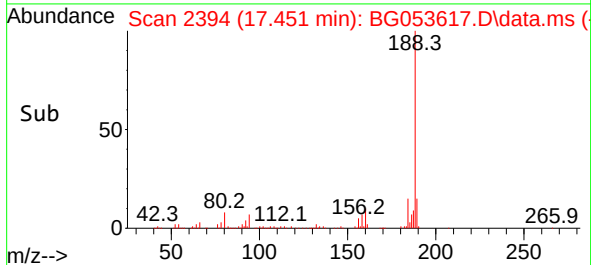
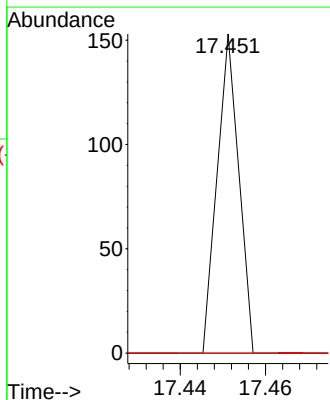
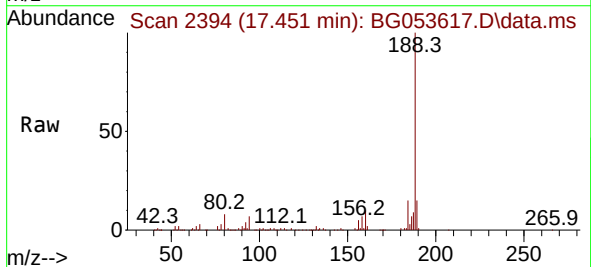
Instrument :
BNA_G
ClientSampleId :
TP-4-0516

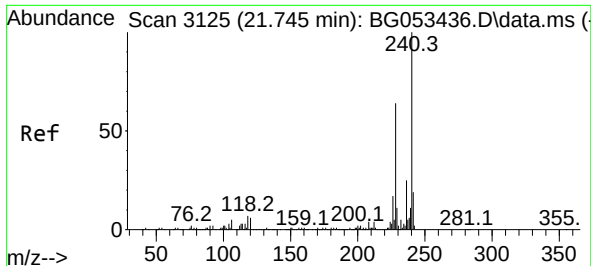
Tgt Ion:248 Resp: 9947
Ion Ratio Lower Upper
248 100
250 184.0 75.2 112.8#
141 458.2 50.0 75.0#



#70
Pentachlorophenol
Concen: 4.695 ng
RT: 17.451 min Scan# 2394
Delta R.T. 0.333 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#

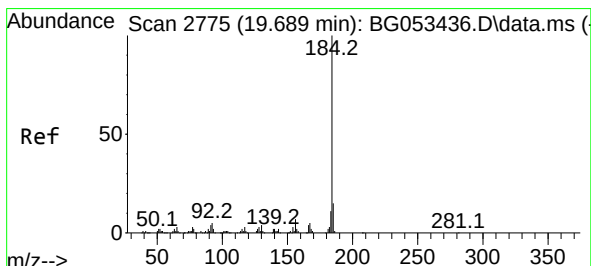
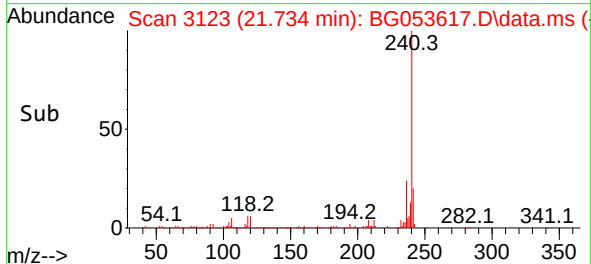
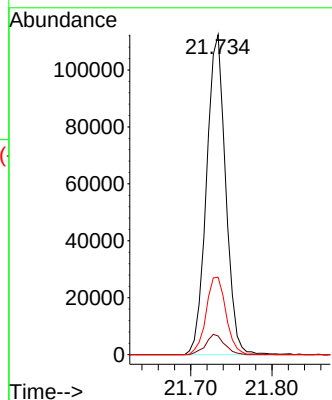
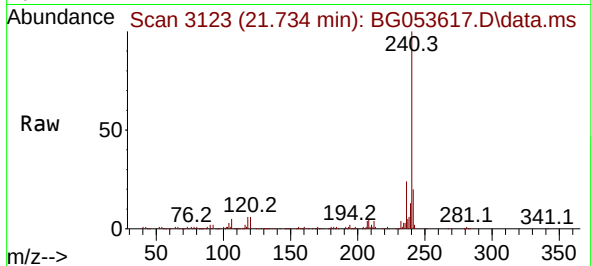




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

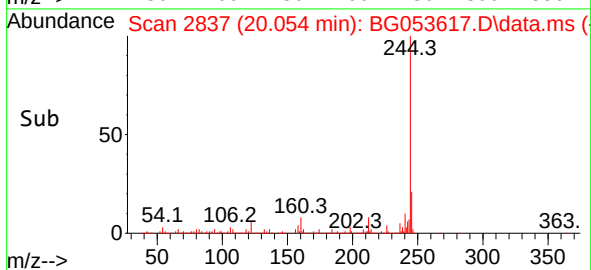
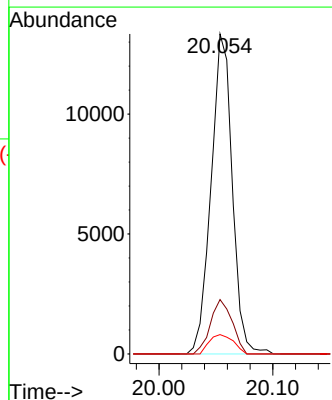
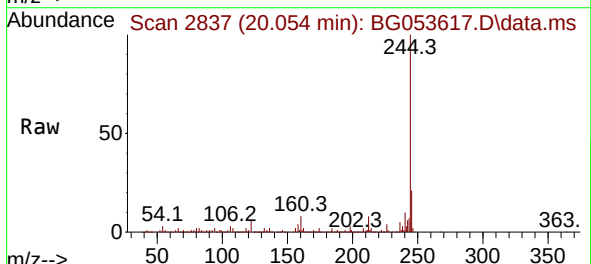
Instrument :
BNA_G
ClientSampleId :
TP-4-0516

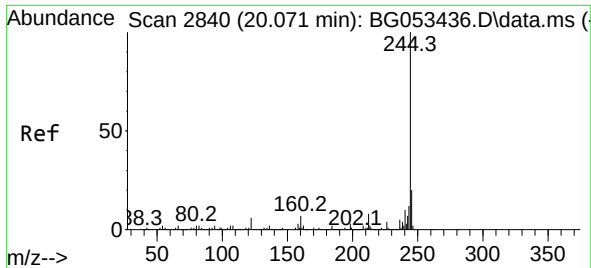
Tgt Ion:240 Resp: 183728
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 24.2 20.2 30.4



#77
Benzidine
Concen: 4.359 ng
RT: 20.054 min Scan# 2837
Delta R.T. 0.374 min
Lab File: BG053617.D
Acq: 19 May 2022 00:00

Tgt Ion:184 Resp: 17261
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.6
183 6.0 8.9 13.3#

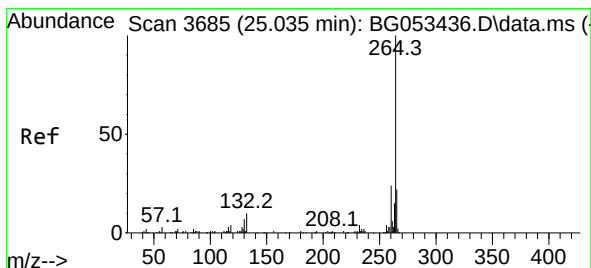
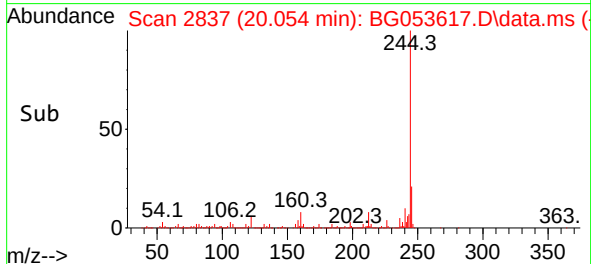
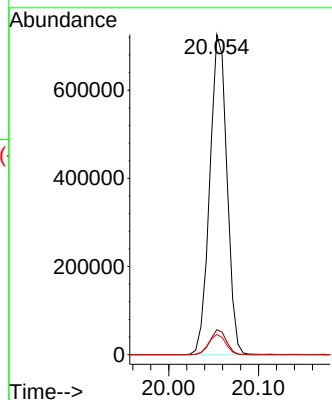
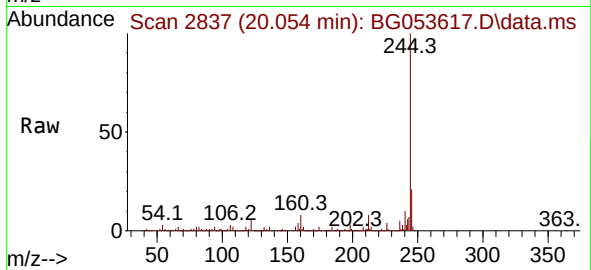




#79
 Terphenyl-d14
 Concen: 97.833 ng
 RT: 20.054 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053617.D
 Acq: 19 May 2022 00:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-0516

Tgt Ion:244 Resp: 965101
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.006 min Scan# 3680
 Delta R.T. -0.014 min
 Lab File: BG053617.D
 Acq: 19 May 2022 00:00

Tgt Ion:264 Resp: 190208
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.6
 265 21.4 17.4 26.2

