

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
 Data File : BG052642.D
 Acq On : 10 Mar 2022 20:11
 Operator : CG/JU
 Sample : N1845-02 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-6

Quant Time: Mar 11 03:46:05 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)

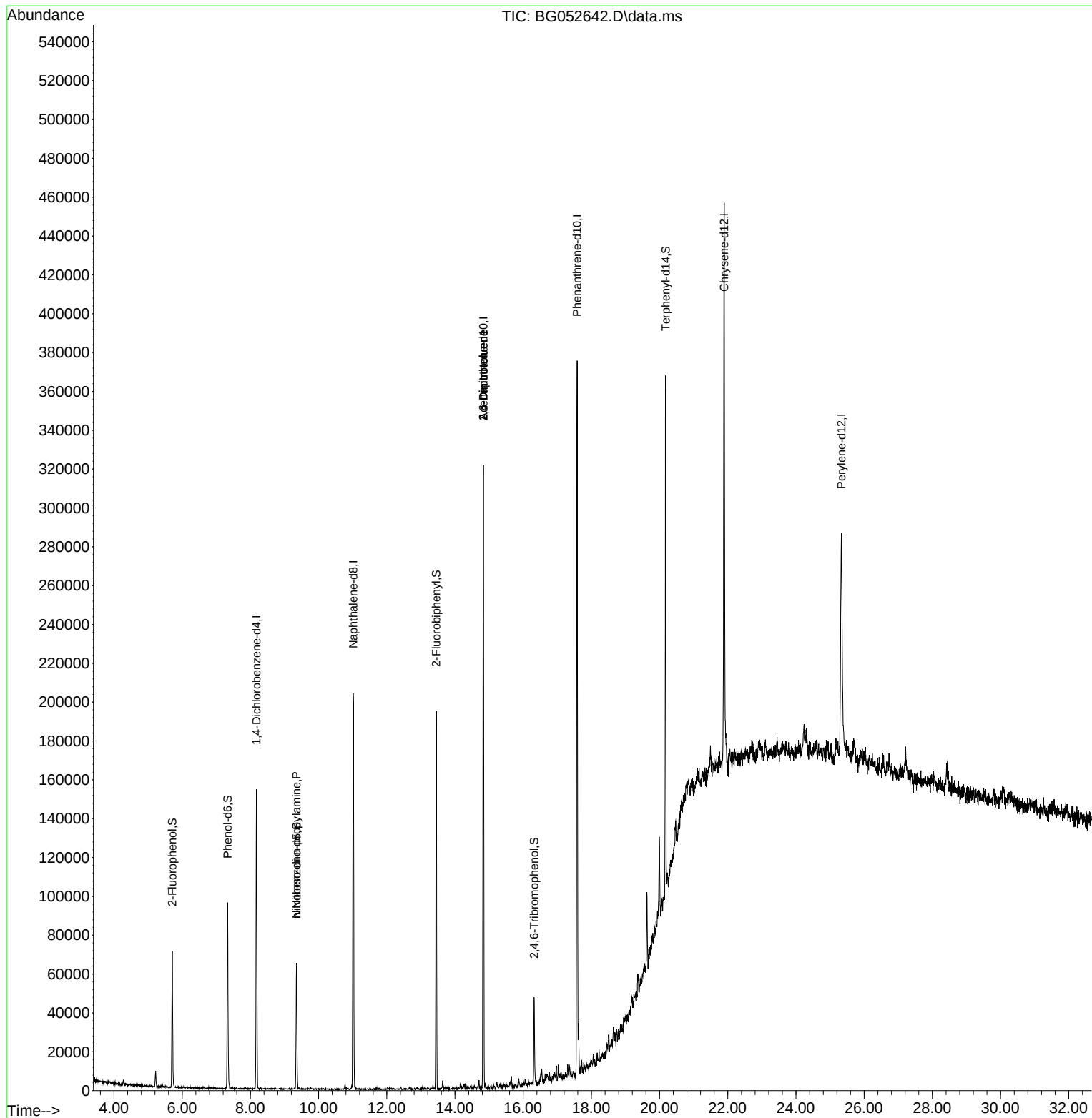
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.177	152	46383	20.000	ng	0.00
21) Naphthalene-d8	11.014	136	184235	20.000	ng	0.00
39) Acenaphthene-d10	14.832	164	120957	20.000	ng	0.00
64) Phenanthrene-d10	17.581	188	238596	20.000	ng	0.00
76) Chrysene-d12	21.893	240	196085	20.000	ng	0.00
86) Perylene-d12	25.330	264	153194	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.709	112	33674	12.542	ng	0.00
7) Phenol-d6	7.331	99	60427	15.550	ng	0.00
23) Nitrobenzene-d5	9.351	82	42872	10.549	ng	0.00
42) 2,4,6-Tribromophenol	16.324	330	10434	6.082	ng	0.00
45) 2-Fluorobiphenyl	13.452	172	106999	11.940	ng	0.00
79) Terphenyl-d14	20.178	244	134310	12.121	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.351	70	5776	2.197	ng	# 78
51) 2,6-Dinitrotoluene	14.832	165	16562	8.247	ng	# 24
57) 2,4-Dinitrotoluene	14.832	165	16562	5.860	ng	# 22

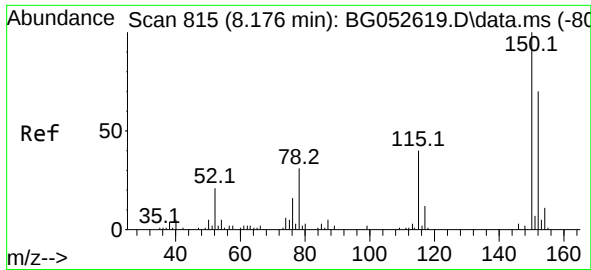
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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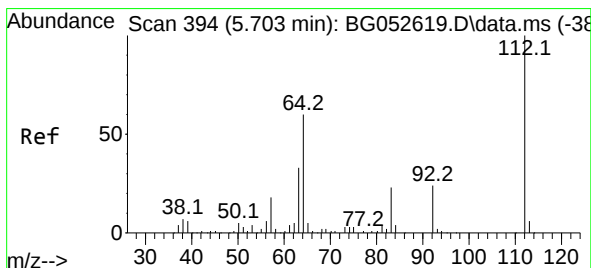
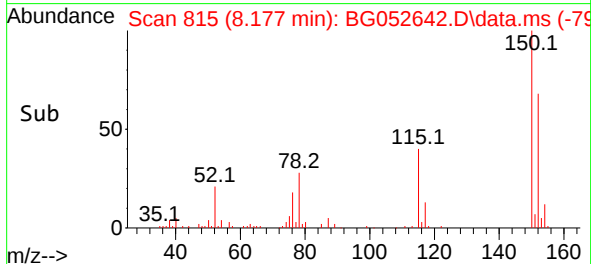
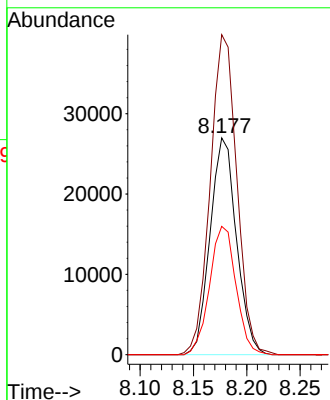
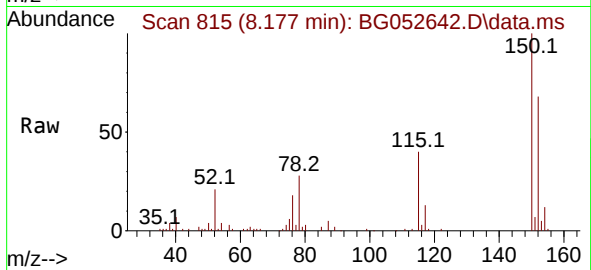




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.177 min Scan# 815
Delta R.T. 0.001 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

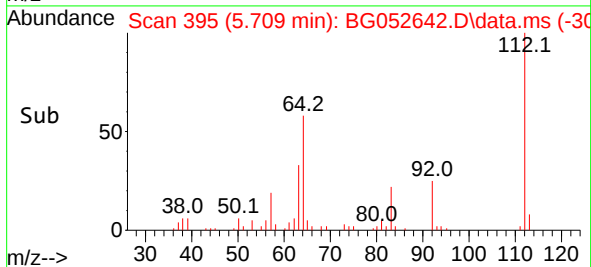
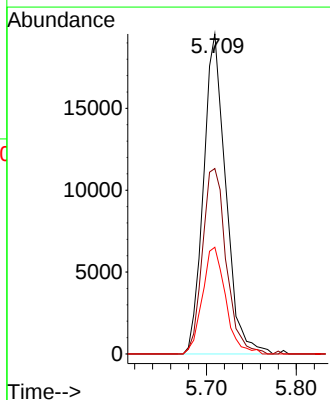
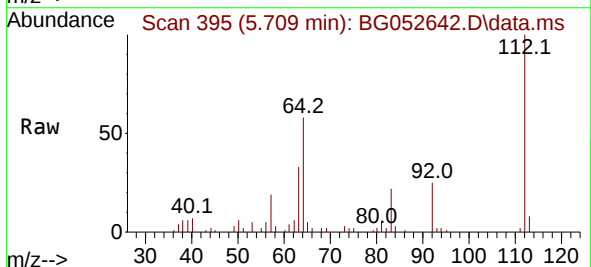
Instrument :
BNA_G
ClientSampleId :
SAMPLE-6

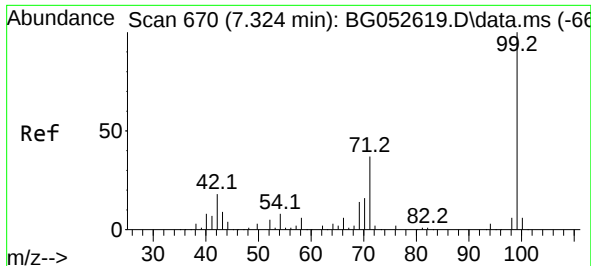
Tgt Ion:152 Resp: 46383
Ion Ratio Lower Upper
152 100
150 147.6 114.6 172.0
115 59.2 45.9 68.9



#5
2-Fluorophenol
Concen: 12.542 ng
RT: 5.709 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

Tgt Ion:112 Resp: 33674
Ion Ratio Lower Upper
112 100
64 58.0 48.0 72.0
63 33.3 26.5 39.7

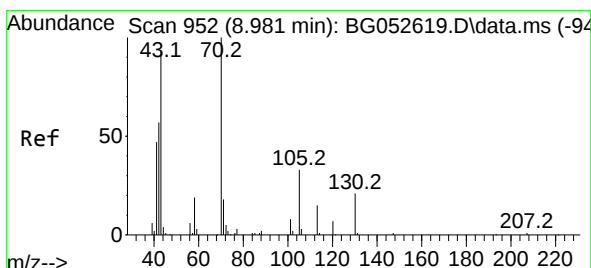
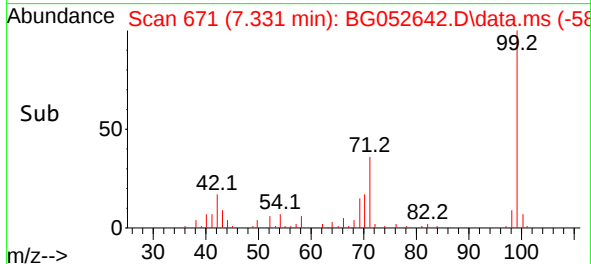
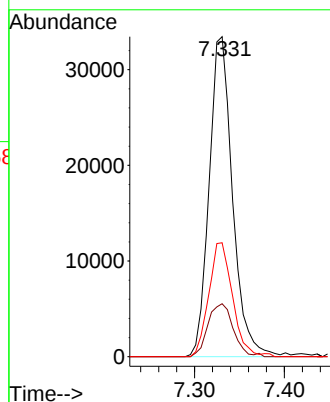
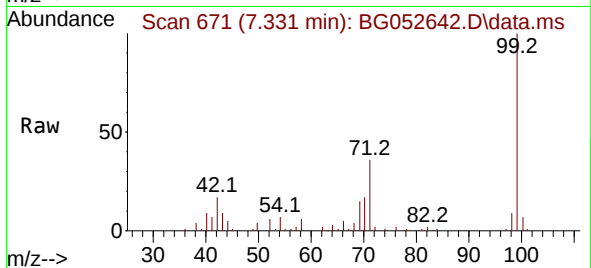




#7
Phenol-d6
Concen: 15.550 ng
RT: 7.331 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

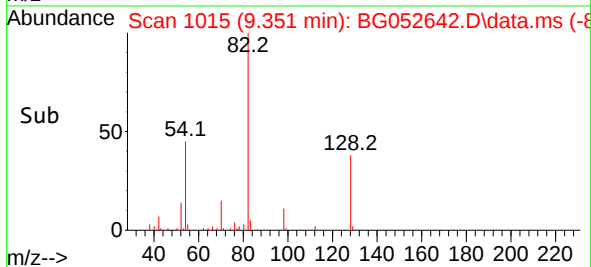
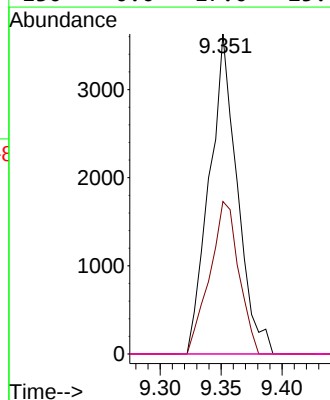
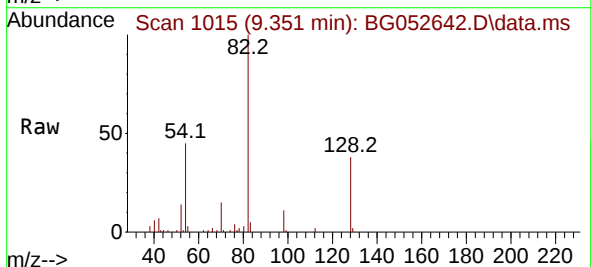
Instrument :
BNA_G
ClientSampleId :
SAMPLE-6

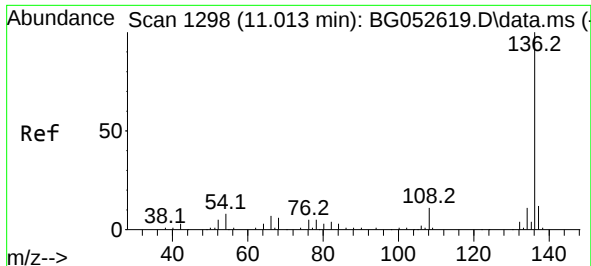
Tgt Ion: 99 Resp: 60427
Ion Ratio Lower Upper
99 100
42 16.5 14.7 22.1
71 35.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.197 ng
RT: 9.351 min Scan# 1015
Delta R.T. 0.371 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

Tgt Ion: 70 Resp: 5776
Ion Ratio Lower Upper
70 100
42 47.6 46.0 69.0
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

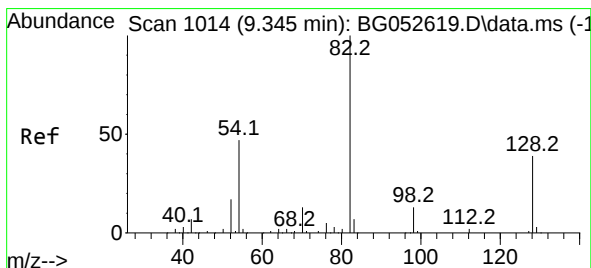
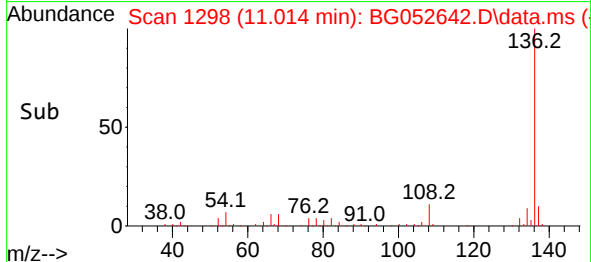
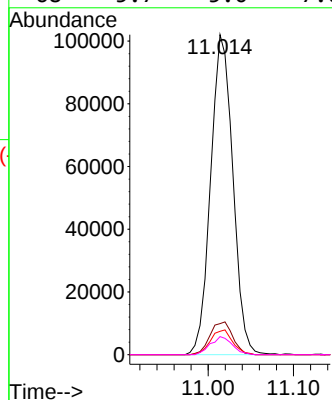
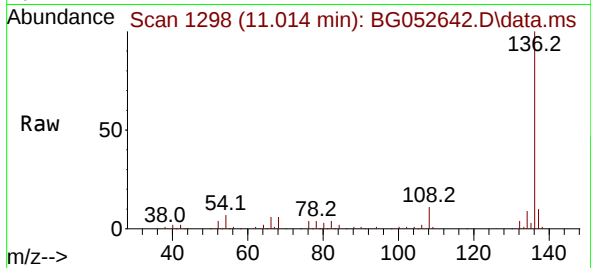




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.014 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

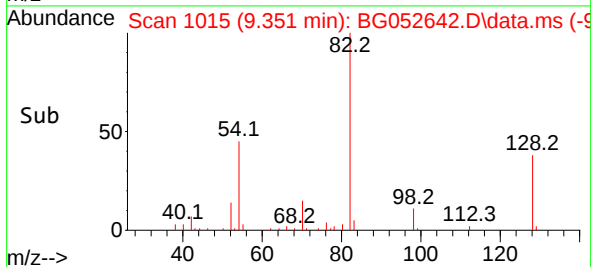
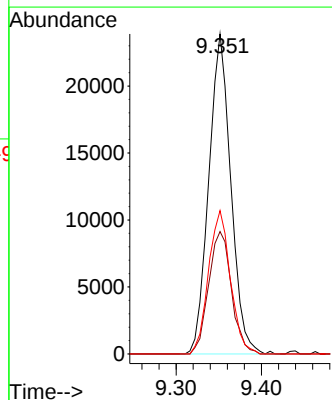
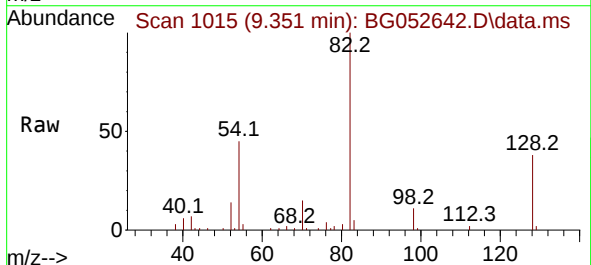
Instrument :
BNA_G
ClientSampleId :
SAMPLE-6

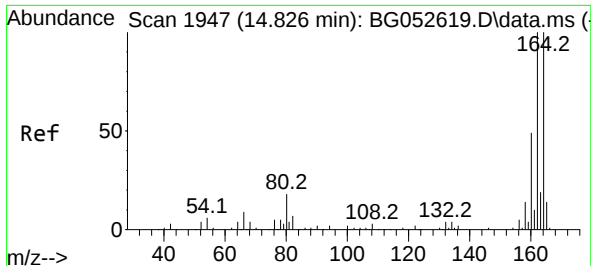
Tgt Ion:136 Resp: 184235
Ion Ratio Lower Upper
136 100
137 9.7 9.4 14.2
54 7.3 6.4 9.6
68 5.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 10.549 ng
RT: 9.351 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

Tgt Ion: 82 Resp: 42872
Ion Ratio Lower Upper
82 100
128 38.2 31.3 46.9
54 44.8 37.8 56.8

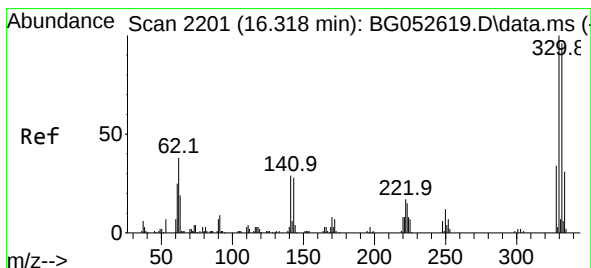
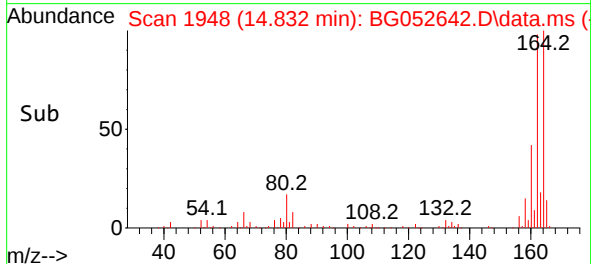
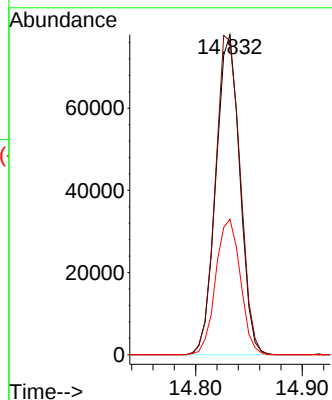
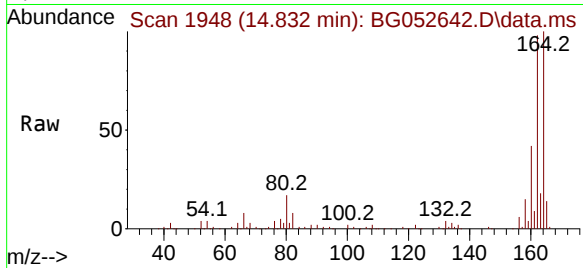




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.832 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

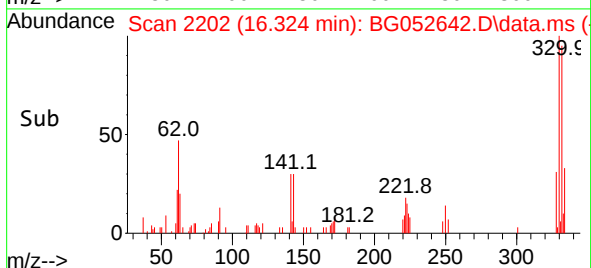
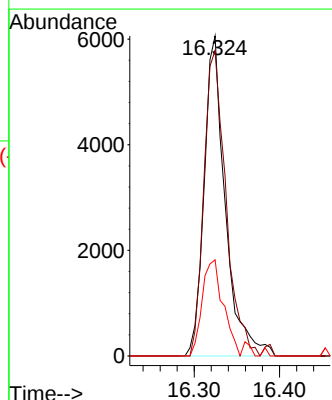
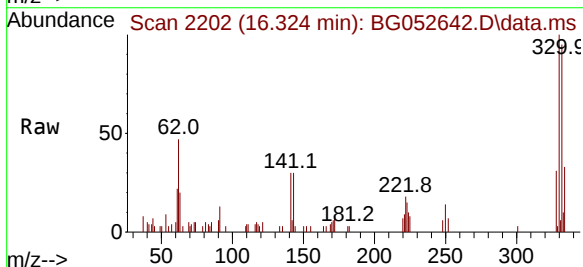
Instrument :
BNA_G
ClientSampleId :
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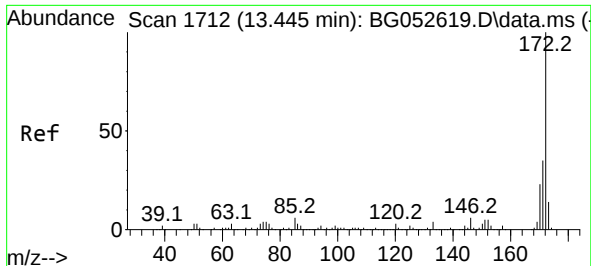
Tgt Ion:164 Resp: 120957
Ion Ratio Lower Upper
164 100
162 98.1 80.0 120.0
160 42.4 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 6.082 ng
RT: 16.324 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

Tgt Ion:330 Resp: 10434
Ion Ratio Lower Upper
330 100
332 99.3 75.8 113.6
141 29.9 24.6 36.8

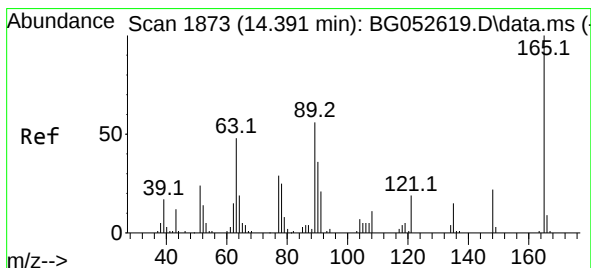
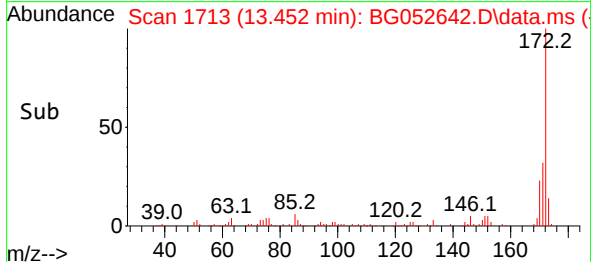
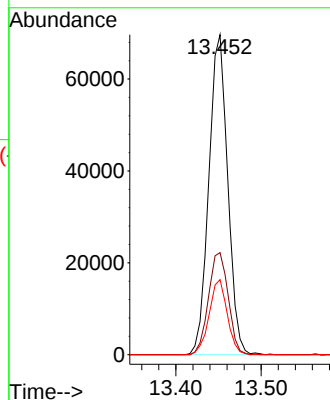
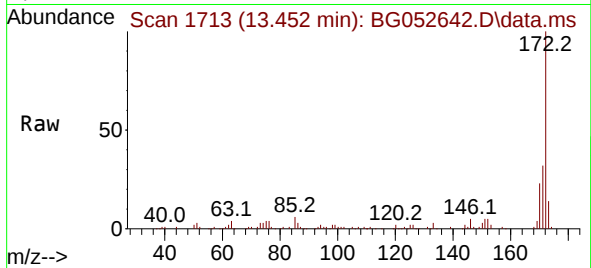




#45
2-Fluorobiphenyl
Concen: 11.940 ng
RT: 13.452 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

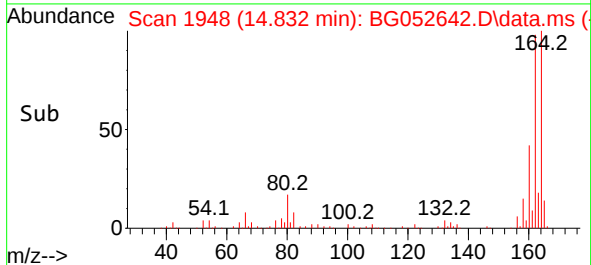
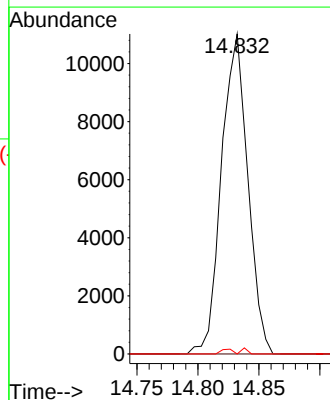
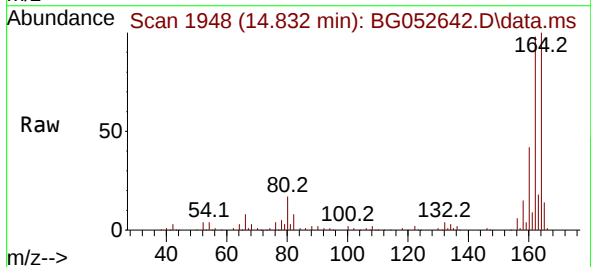
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ClientSampleId :
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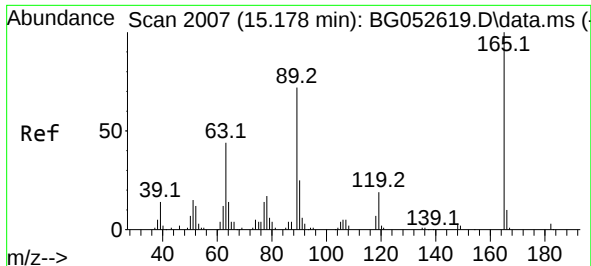
Tgt Ion:172 Resp: 106999
Ion Ratio Lower Upper
172 100
171 31.9 28.3 42.5
170 23.4 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.247 ng
RT: 14.832 min Scan# 1948
Delta R.T. 0.441 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

Tgt Ion:165 Resp: 16562
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: 5.860 ng

RT: 14.832 min Scan# 1948

Delta R.T. -0.346 min

Lab File: BG052642.D

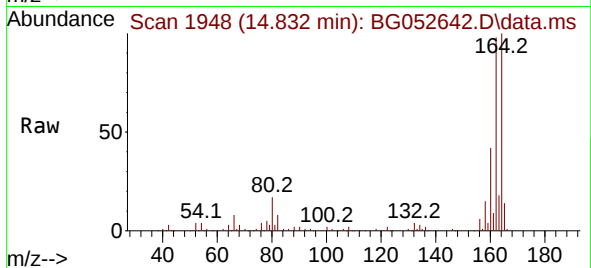
Acq: 10 Mar 2022 20:11

Instrument :

BNA_G

ClientSampleId :

SAMPLE-6



Tgt Ion:165 Resp: 16562

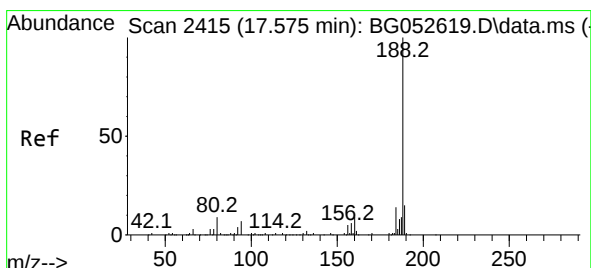
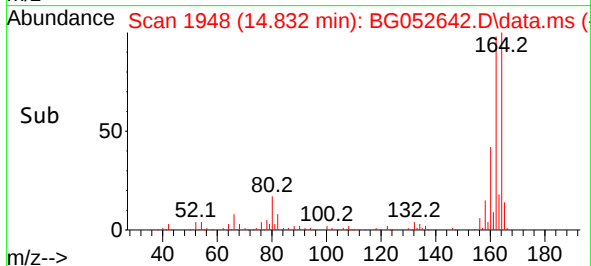
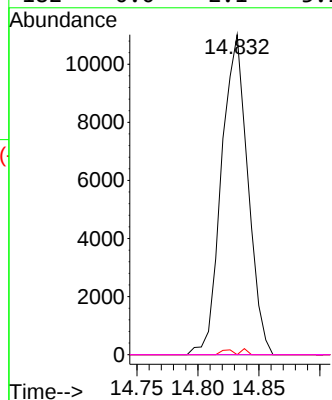
Ion Ratio Lower Upper

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: 17.581 min Scan# 2416

Delta R.T. 0.006 min

Lab File: BG052642.D

Acq: 10 Mar 2022 20:11

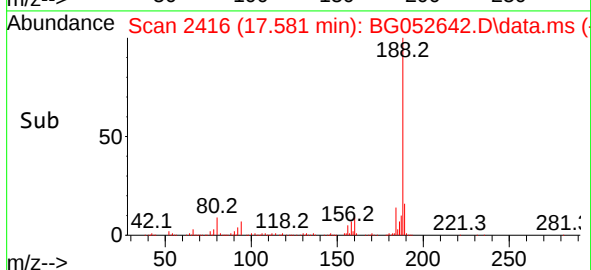
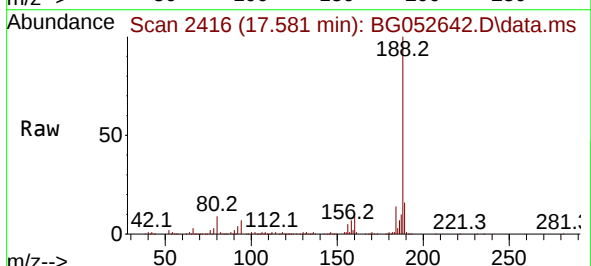
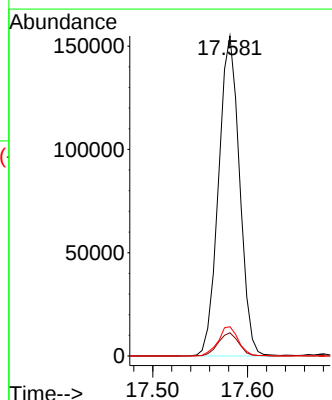
Tgt Ion:188 Resp: 238596

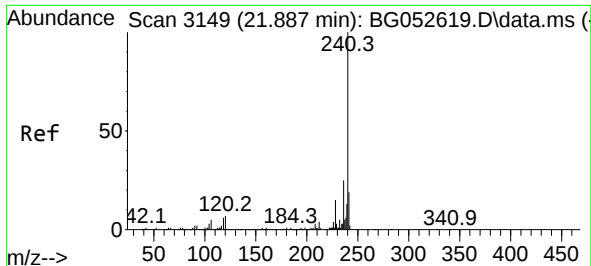
Ion Ratio Lower Upper

188 100

94 7.2 5.7 8.5

80 9.2 7.2 10.8

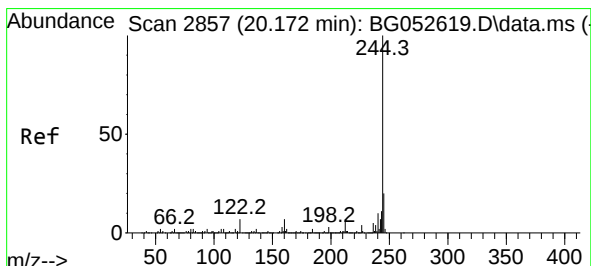
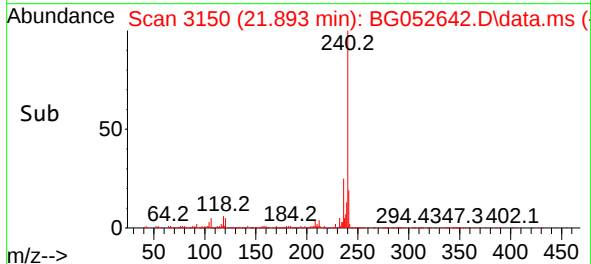
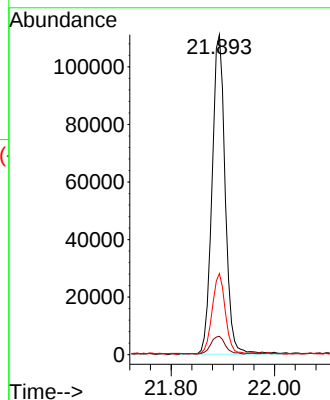
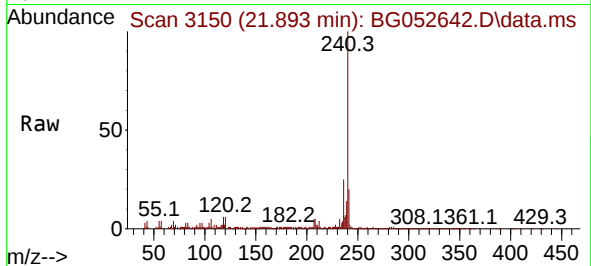




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3149
Delta R.T. 0.006 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

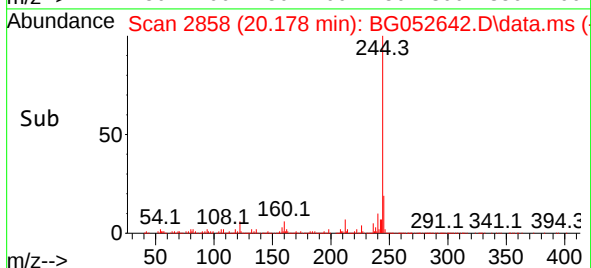
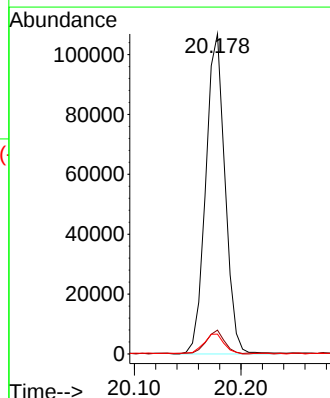
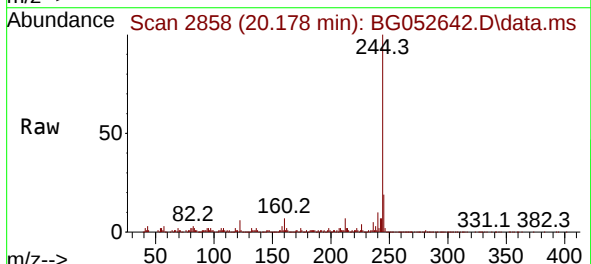
Instrument :
BNA_G
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SAMPLE-6

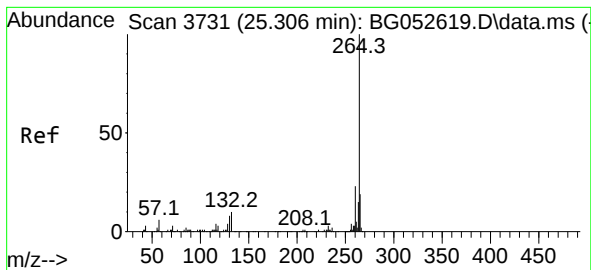
Tgt Ion:240 Resp: 196085
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 25.4 19.8 29.6



#79
Terphenyl-d14
Concen: 12.121 ng
RT: 20.178 min Scan# 2858
Delta R.T. 0.006 min
Lab File: BG052642.D
Acq: 10 Mar 2022 20:11

Tgt Ion:244 Resp: 134310
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.2 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.330 min Scan# 31
 Delta R.T. 0.024 min
 Lab File: BG052642.D
 Acq: 10 Mar 2022 20:11

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-6

Tgt Ion:264 Resp: 153194
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 22.8 15.1 22.7#

