

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053575.D
 Acq On : 16 May 2022 20:15
 Operator : CG/JU
 Sample : N2823-12DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-12DL

Quant Time: May 17 05:21:33 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)

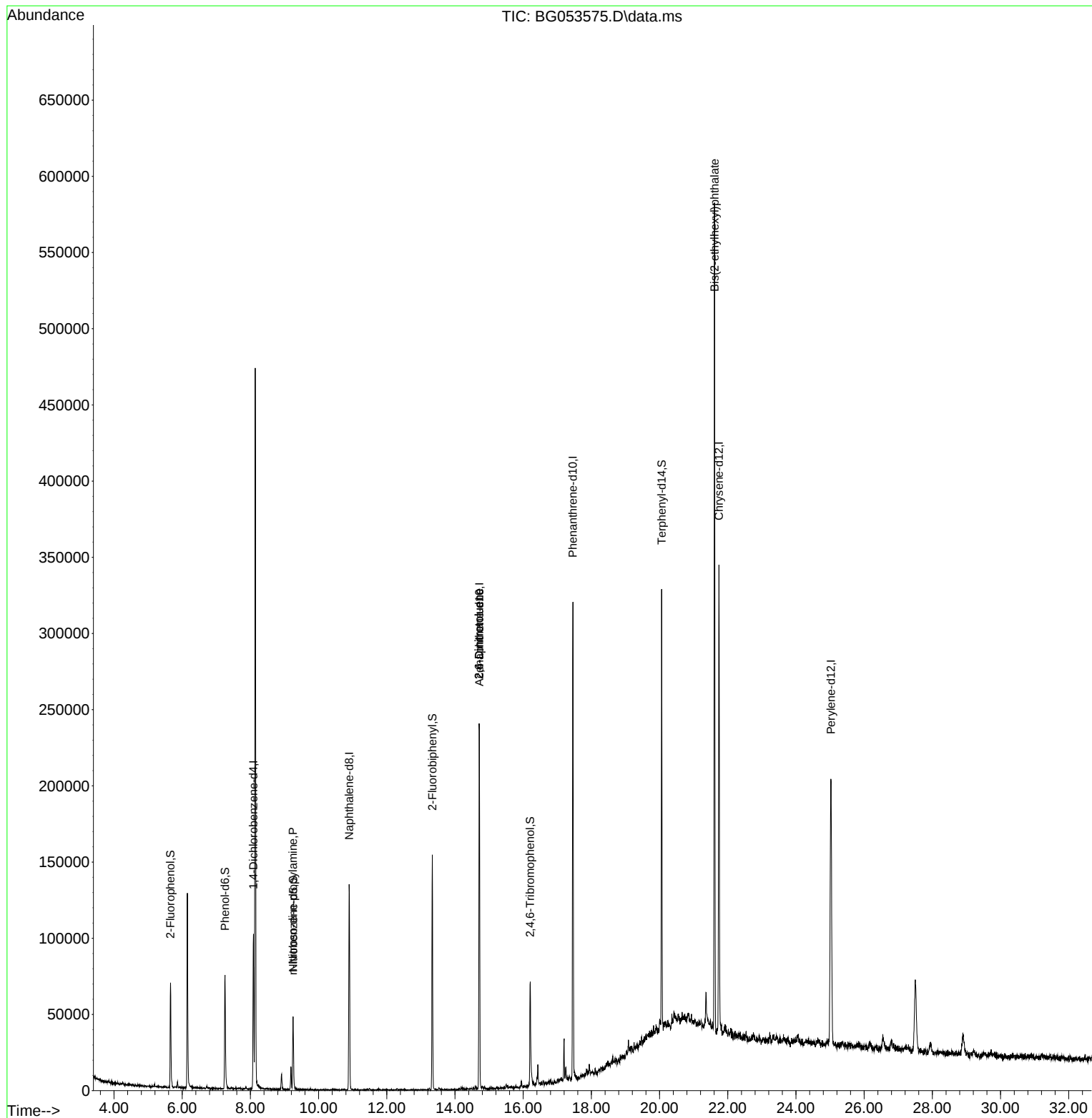
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	27332	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	115369	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	90129	20.000	ng	0.00
64) Phenanthrene-d10	17.458	188	201755	20.000	ng	0.00
76) Chrysene-d12	21.741	240	190709	20.000	ng	0.00
86) Perylene-d12	25.024	264	200181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	29500	18.318	ng	0.00
7) Phenol-d6	7.254	99	46773	19.137	ng	0.00
23) Nitrobenzene-d5	9.252	82	33416	12.330	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	19234	14.469	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	82815	13.427	ng	0.00
79) Terphenyl-d14	20.060	244	142354	13.902	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.246	70	4229	2.412	ng	# 85
51) 2,6-Dinitrotoluene	14.709	165	11362	8.143	ng	# 18
57) 2,4-Dinitrotoluene	14.709	165	11362	5.618	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.611	149	217053	34.737	ng	97

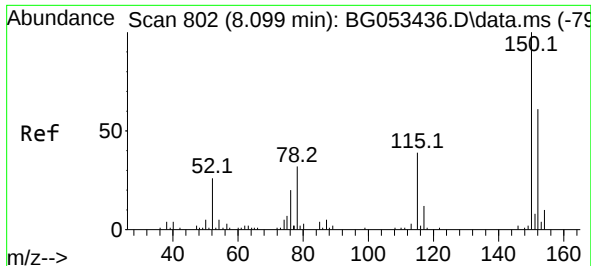
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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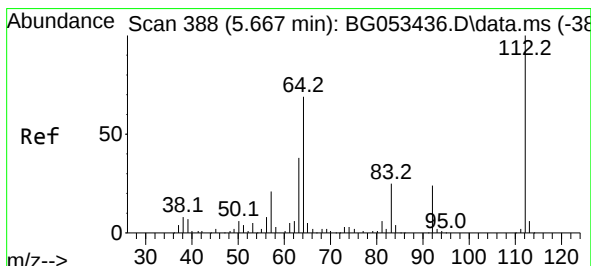
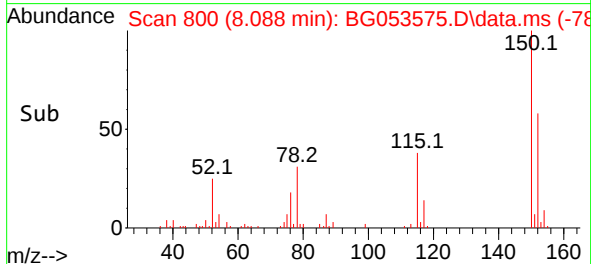
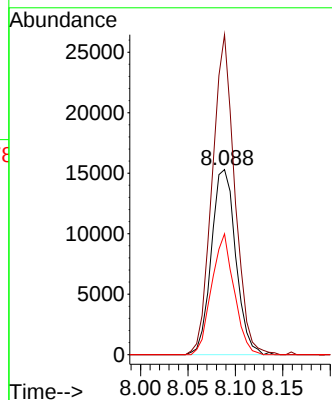
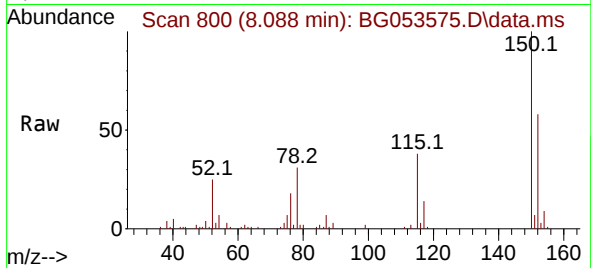




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053575.D
Acq: 16 May 2022 20:15

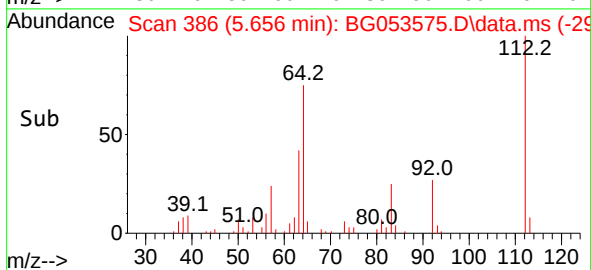
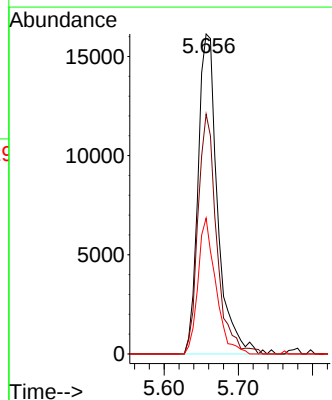
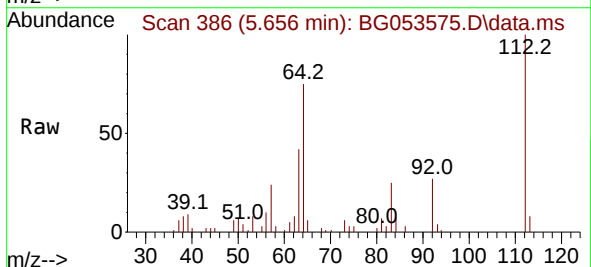
Instrument :
BNA_G
ClientSampleId :
SC-12DL

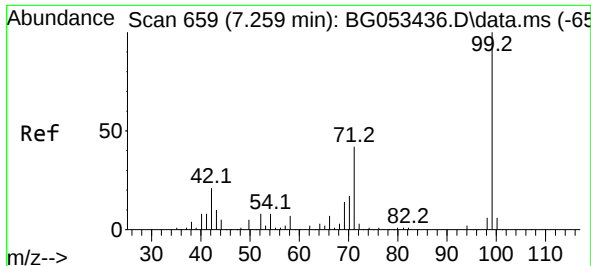
Tgt Ion:152 Resp: 27332
Ion Ratio Lower Upper
152 100
150 172.9 131.6 197.4
115 65.3 50.9 76.3



#5
2-Fluorophenol
Concen: 18.318 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053575.D
Acq: 16 May 2022 20:15

Tgt Ion:112 Resp: 29500
Ion Ratio Lower Upper
112 100
64 75.0 55.1 82.7
63 42.5 30.4 45.6

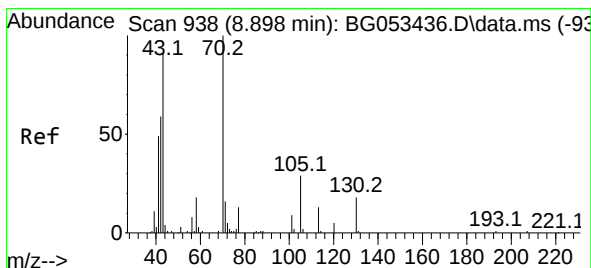
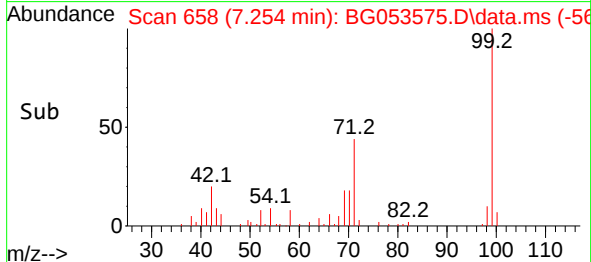
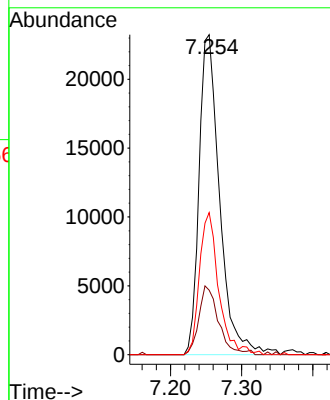
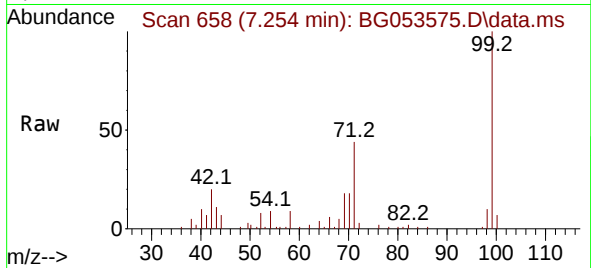




#7
Phenol-d6
Concen: 19.137 ng
RT: 7.254 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG053575.D
Acq: 16 May 2022 20:15

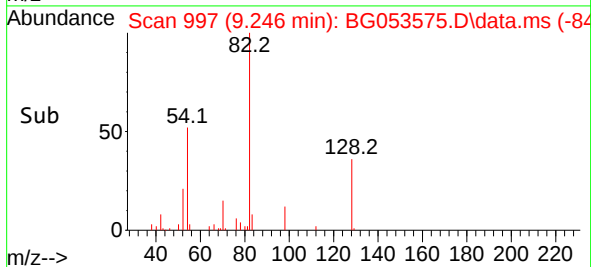
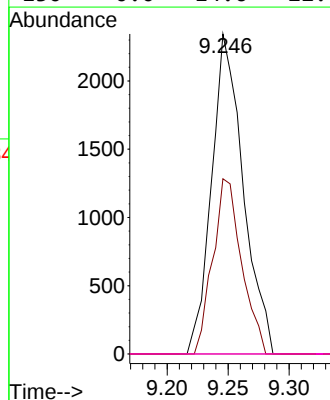
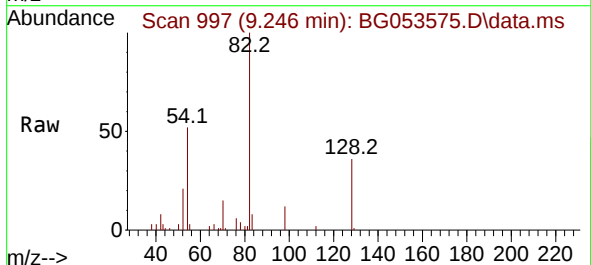
Instrument :
BNA_G
ClientSampleId :
SC-12DL

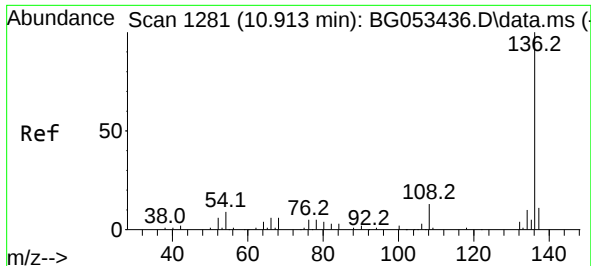
Tgt Ion: 99 Resp: 46773
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 44.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.412 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.357 min
Lab File: BG053575.D
Acq: 16 May 2022 20:15

Tgt Ion: 70 Resp: 4229
Ion Ratio Lower Upper
70 100
42 54.7 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

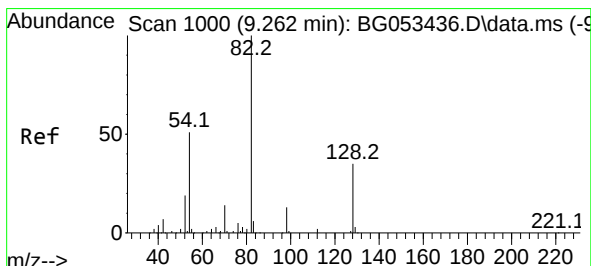
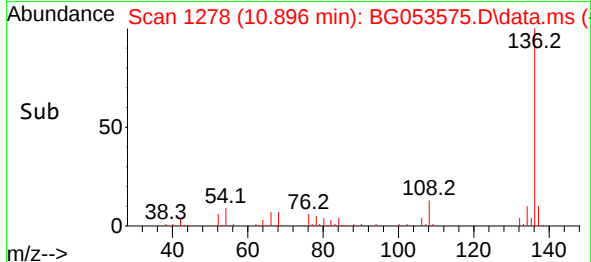
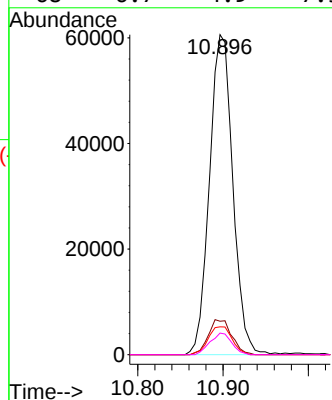
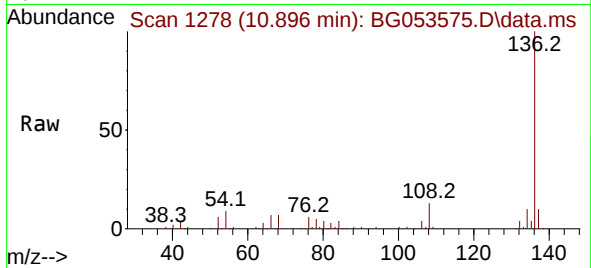




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053575.D
Acq: 16 May 2022 20:15

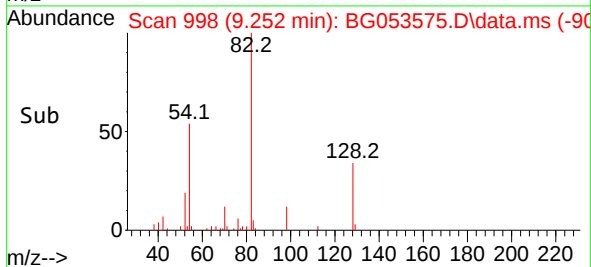
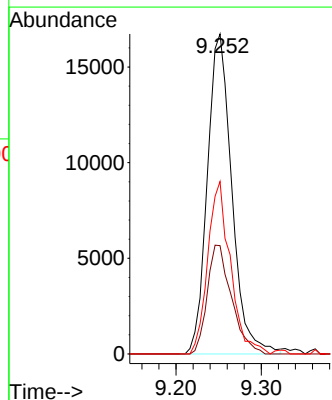
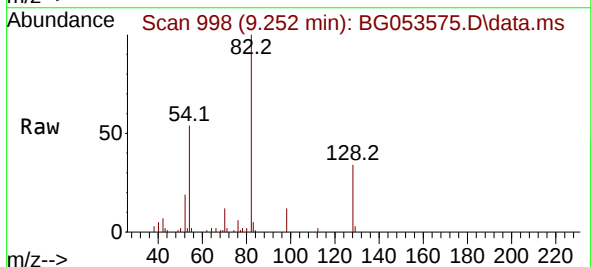
Instrument :
BNA_G
ClientSampleId :
SC-12DL

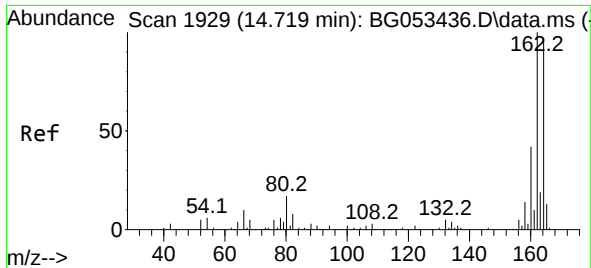
Tgt Ion:	136	Resp:	115369
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	8.7	7.4	11.2
68	6.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 12.330 ng
RT: 9.252 min Scan# 998
Delta R.T. -0.001 min
Lab File: BG053575.D
Acq: 16 May 2022 20:15

Tgt Ion:	82	Resp:	33416
Ion Ratio	Lower	Upper	
82	100		
128	33.8	27.9	41.9
54	53.9	41.2	61.8

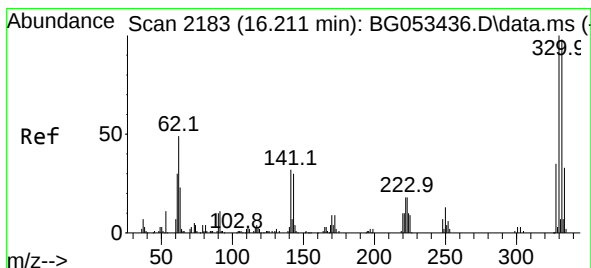
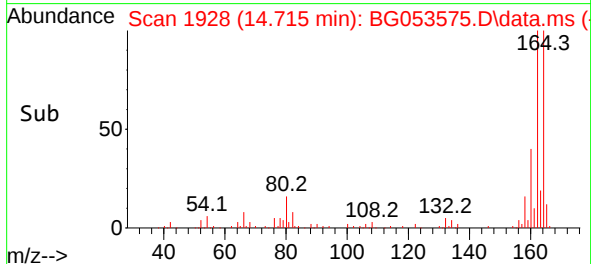
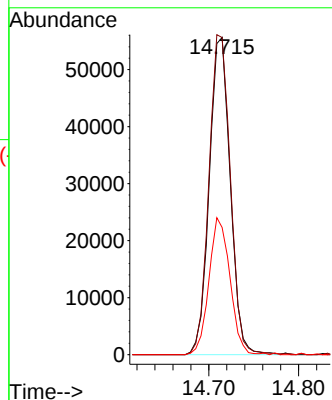
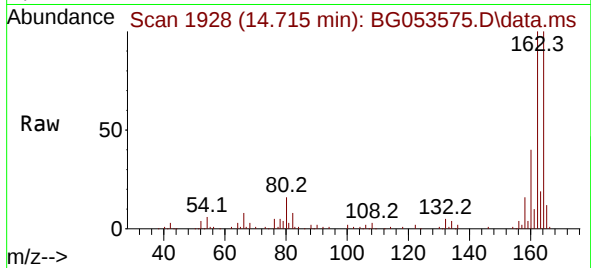




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1929
Delta R.T. -0.001 min
Lab File: BG053575.D
Acq: 16 May 2022 20:15

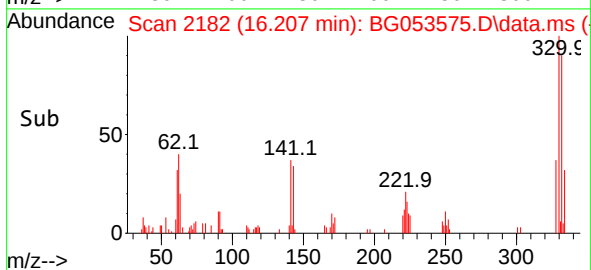
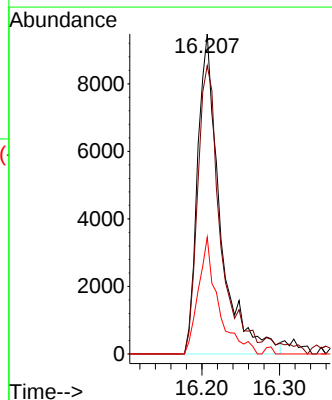
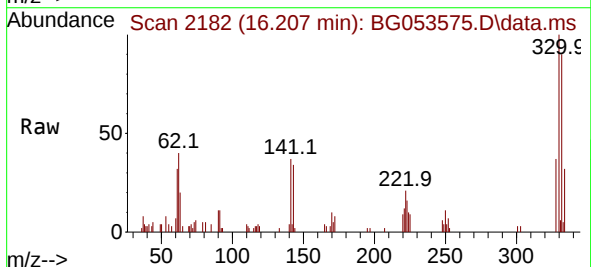
Instrument :
BNA_G
ClientSampleId :
SC-12DL

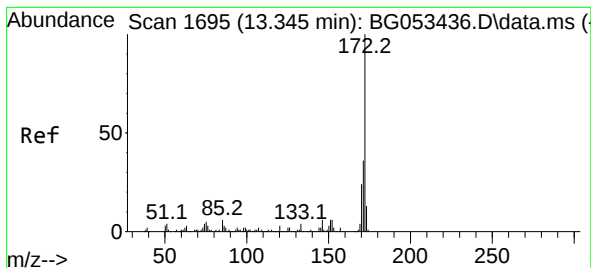
Tgt Ion:164 Resp: 90129
Ion Ratio Lower Upper
164 100
162 99.9 82.3 123.5
160 40.1 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 14.469 ng
RT: 16.207 min Scan# 2182
Delta R.T. 0.005 min
Lab File: BG053575.D
Acq: 16 May 2022 20:15

Tgt Ion:330 Resp: 19234
Ion Ratio Lower Upper
330 100
332 90.2 76.0 114.0
141 32.1 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 13.427 ng

RT: 13.334 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG053575.D

Acq: 16 May 2022 20:15

Instrument :

BNA_G

ClientSampleId :

SC-12DL

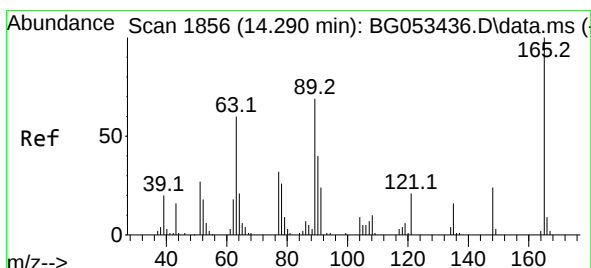
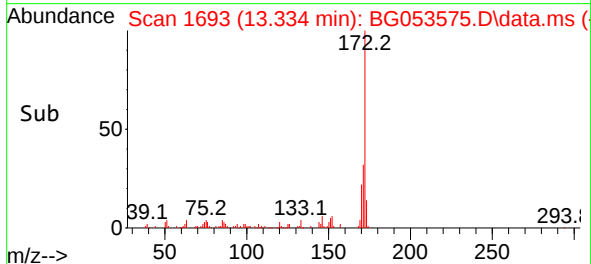
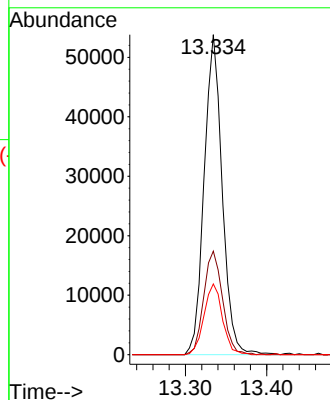
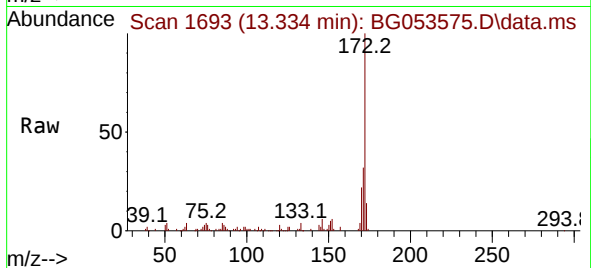
Tgt Ion:172 Resp: 82815

Ion Ratio Lower Upper

172 100

171 32.3 28.5 42.7

170 22.1 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.143 ng

RT: 14.709 min Scan# 1927

Delta R.T. 0.428 min

Lab File: BG053575.D

Acq: 16 May 2022 20:15

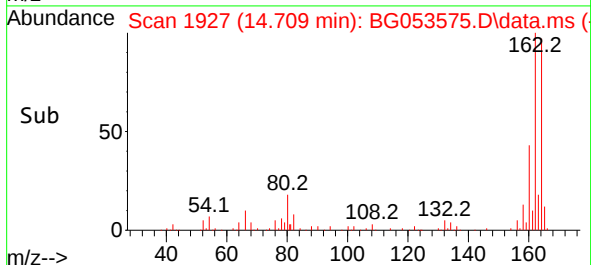
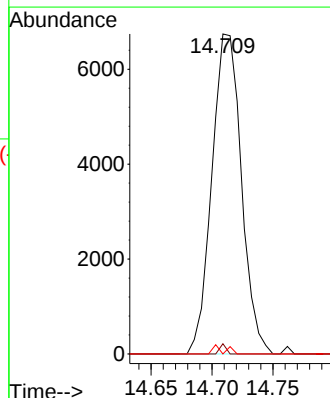
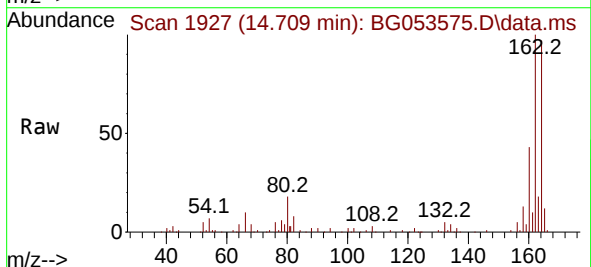
Tgt Ion:165 Resp: 11362

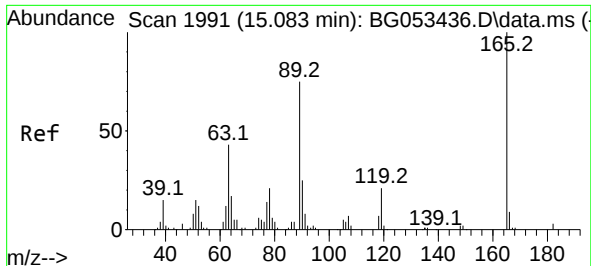
Ion Ratio Lower Upper

165 100

63 3.2 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.618 ng

RT: 14.709 min Scan# 1991

Delta R.T. -0.365 min

Lab File: BG053575.D

Acq: 16 May 2022 20:15

Instrument :

BNA_G

ClientSampleId :

SC-12DL

Tgt Ion:165 Resp: 11362

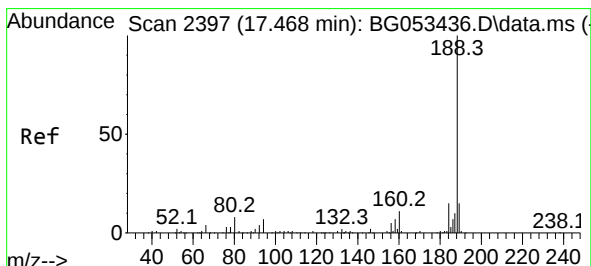
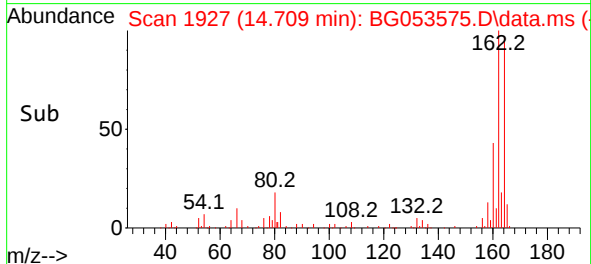
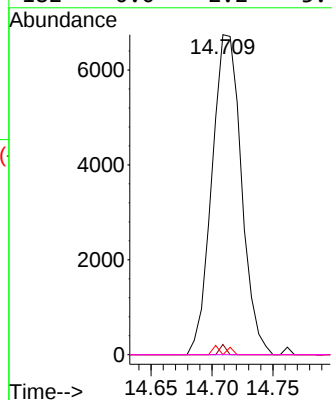
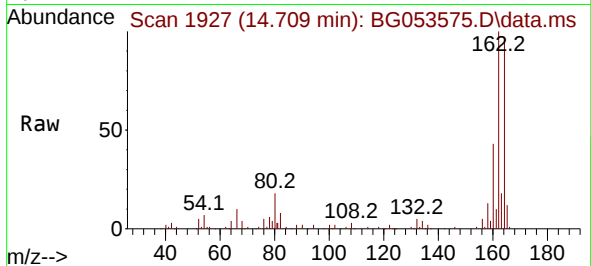
Ion Ratio Lower Upper

165 100

63 3.2 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.458 min Scan# 2395

Delta R.T. -0.001 min

Lab File: BG053575.D

Acq: 16 May 2022 20:15

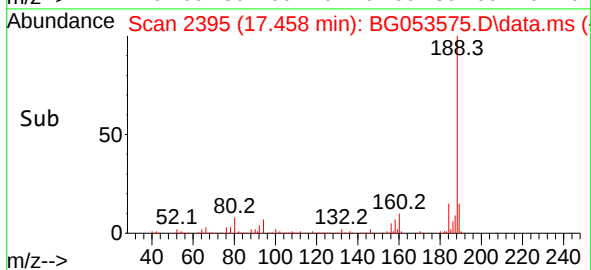
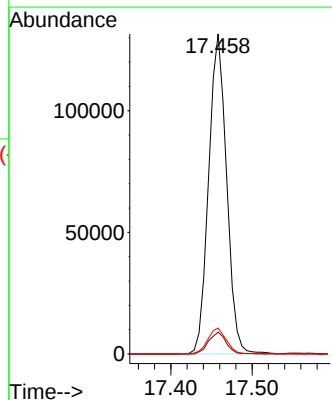
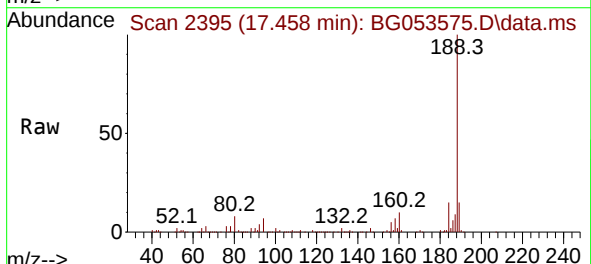
Tgt Ion:188 Resp: 201755

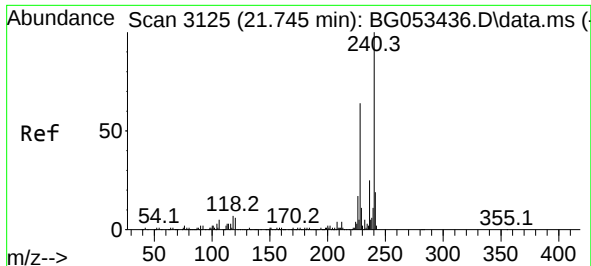
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 8.1 6.8 10.2

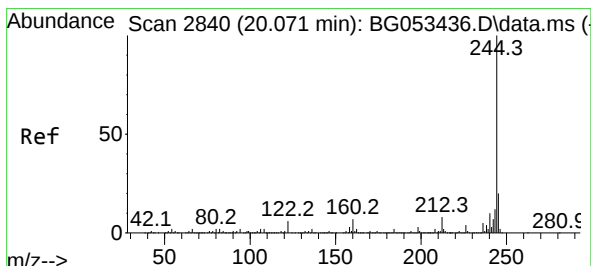
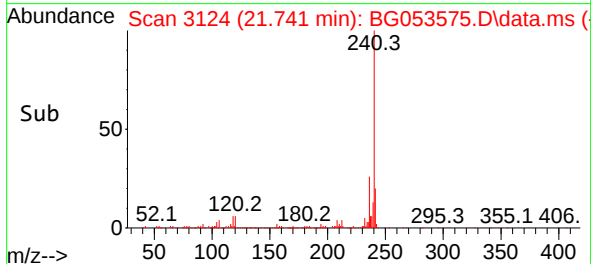
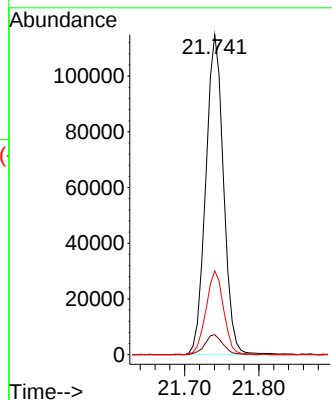
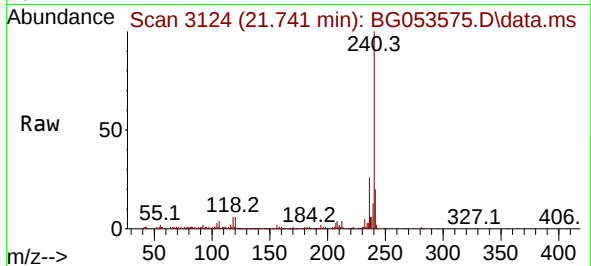




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.741 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG053575.D
Acq: 16 May 2022 20:15

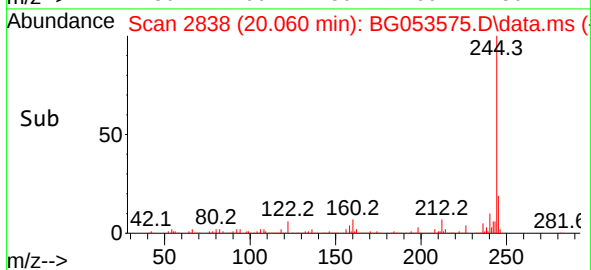
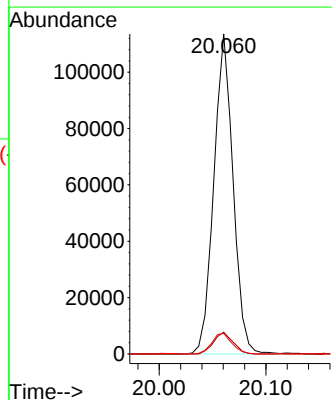
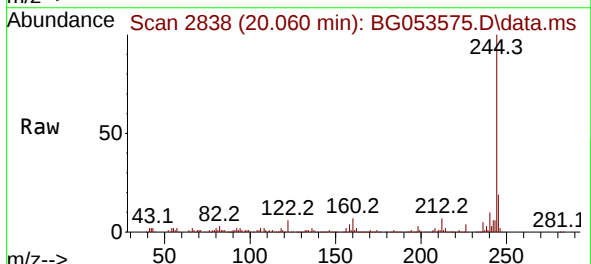
Instrument :
BNA_G
ClientSampleId :
SC-12DL

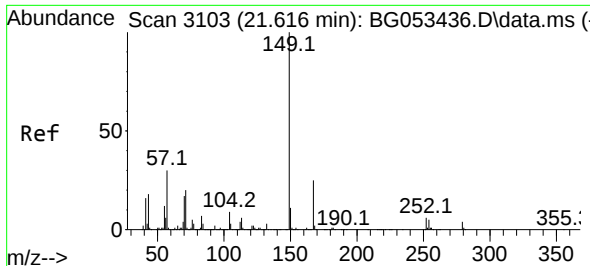
Tgt Ion:240 Resp: 190709
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 26.2 20.2 30.4



#79
Terphenyl-d14
Concen: 13.902 ng
RT: 20.060 min Scan# 2838
Delta R.T. -0.001 min
Lab File: BG053575.D
Acq: 16 May 2022 20:15

Tgt Ion:244 Resp: 142354
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 6.4 5.0 7.4

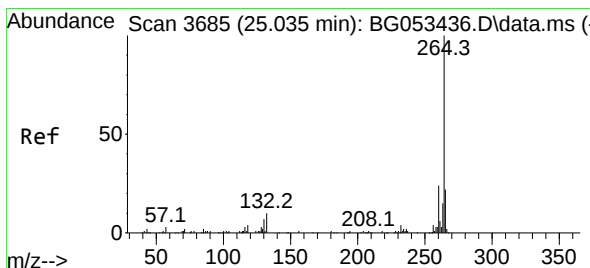
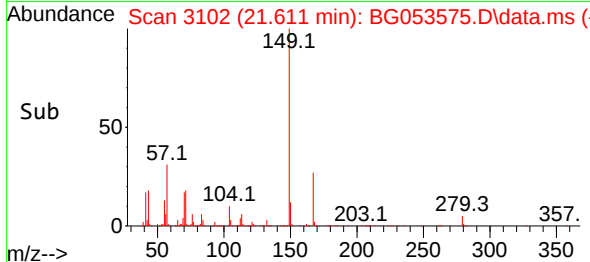
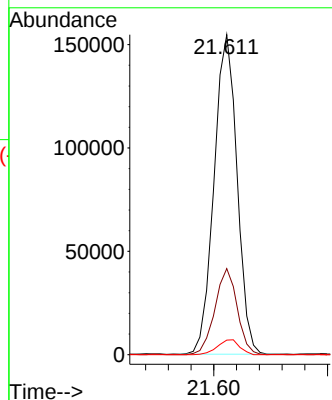
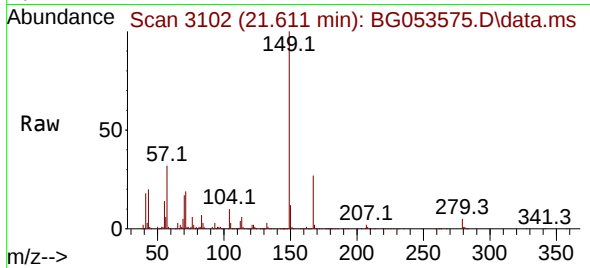




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.737 ng
 RT: 21.611 min Scan# 3103
 Delta R.T. 0.005 min
 Lab File: BG053575.D
 Acq: 16 May 2022 20:15

Instrument :
 BNA_G
 ClientSampleId :
 SC-12DL

Tgt Ion:149 Resp: 217053
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.2 30.4
 279 4.6 3.6 5.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.024 min Scan# 3683
 Delta R.T. 0.005 min
 Lab File: BG053575.D
 Acq: 16 May 2022 20:15

Tgt Ion:264 Resp: 200181
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.4 17.4 26.2

