

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053640.D
 Acq On : 20 May 2022 00:08
 Operator : CG/JU
 Sample : N2871-24 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P017-SS005-0006-01

Quant Time: May 20 03:58:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

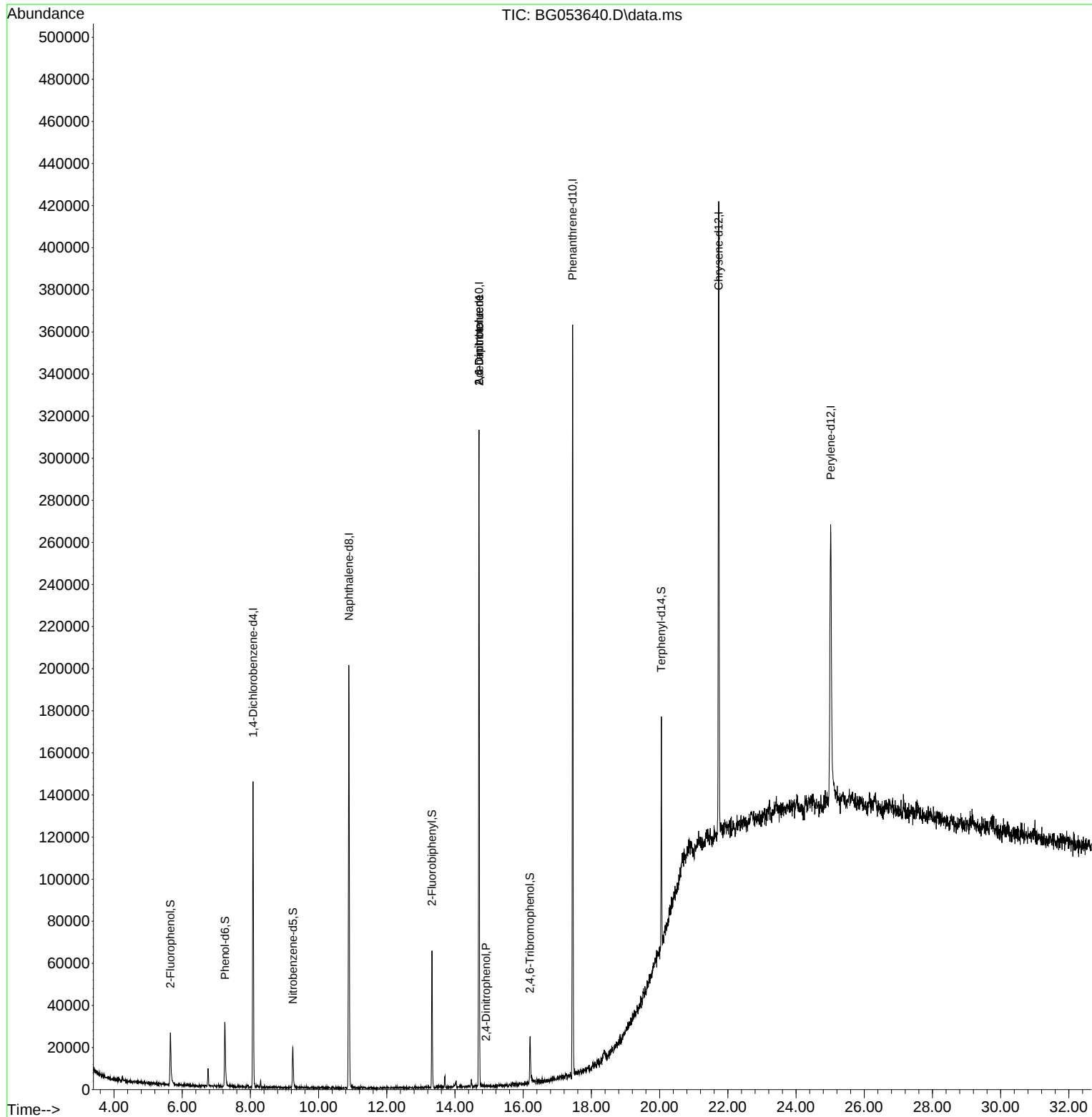
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	40637	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	162362	20.000	ng	0.00
39) Acenaphthene-d10	14.706	164	109634	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	224399	20.000	ng	0.00
76) Chrysene-d12	21.731	240	194444	20.000	ng	0.00
86) Perylene-d12	25.015	264	173619	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	14501	6.056	ng	0.01
7) Phenol-d6	7.257	99	22622	6.225	ng	0.02
23) Nitrobenzene-d5	9.248	82	14537	3.811	ng	0.01
42) 2,4,6-Tribromophenol	16.198	330	6662	4.120	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	36288	4.837	ng	0.00
79) Terphenyl-d14	20.051	244	52783	5.056	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.706	165	14374	8.469	ng	# 16
54) 2,4-Dinitrophenol	14.911	184	59	6.295	ng	# 11
57) 2,4-Dinitrotoluene	14.706	165	14374	5.842	ng	# 21

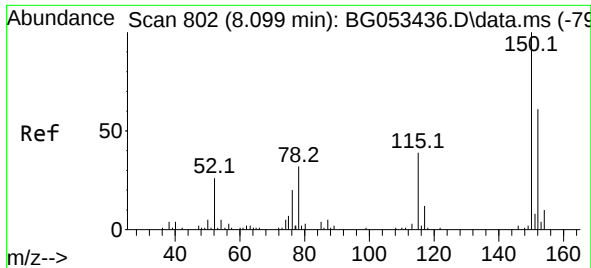
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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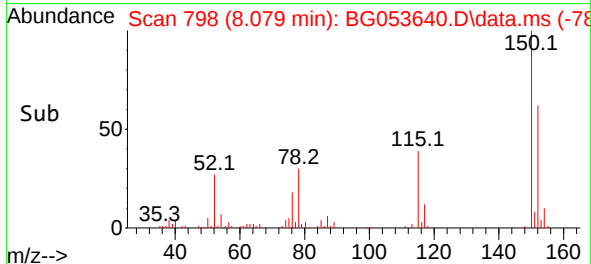
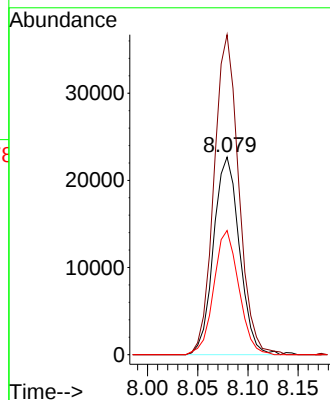
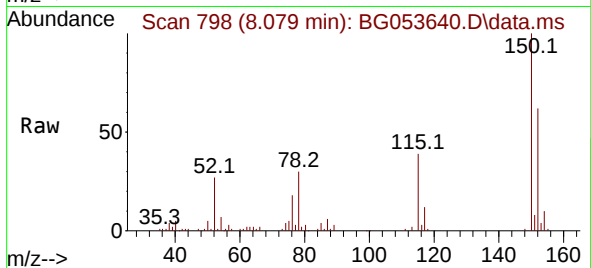




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.079 min Scan# 79
Delta R.T. 0.004 min
Lab File: BG053640.D
Acq: 20 May 2022 00:08

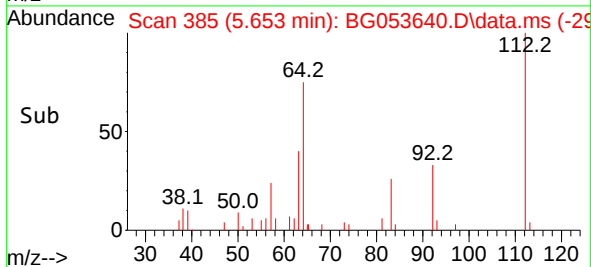
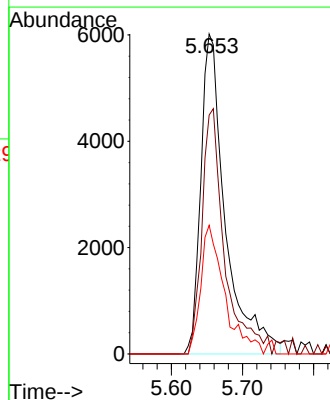
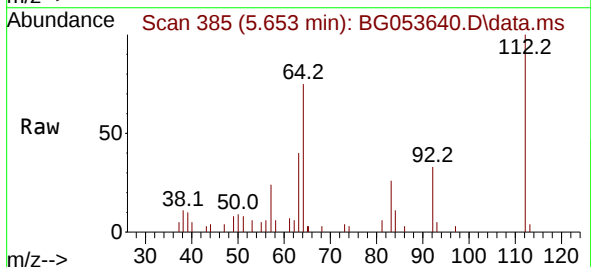
Instrument :
BNA_G
ClientSampleId :
P017-SS005-0006-01

Tgt Ion:152 Resp: 40637
Ion Ratio Lower Upper
152 100
150 162.0 131.6 197.4
115 62.9 50.9 76.3



#5
2-Fluorophenol
Concen: 6.056 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.010 min
Lab File: BG053640.D
Acq: 20 May 2022 00:08

Tgt Ion:112 Resp: 14501
Ion Ratio Lower Upper
112 100
64 74.6 55.1 82.7
63 40.2 30.4 45.6

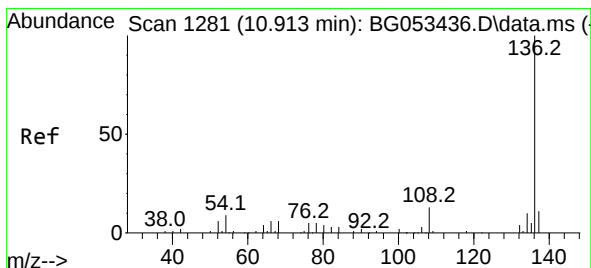
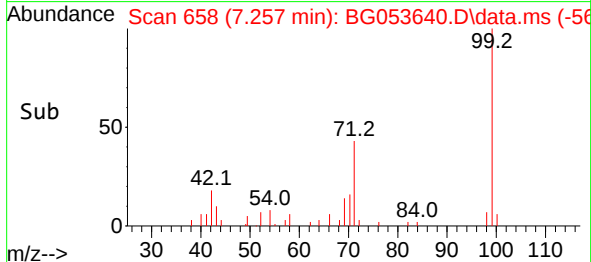
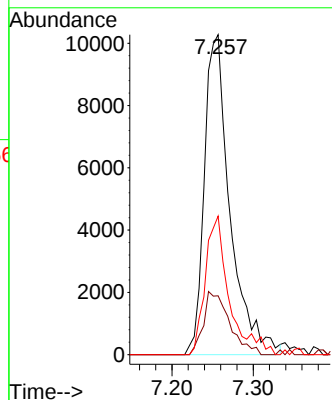
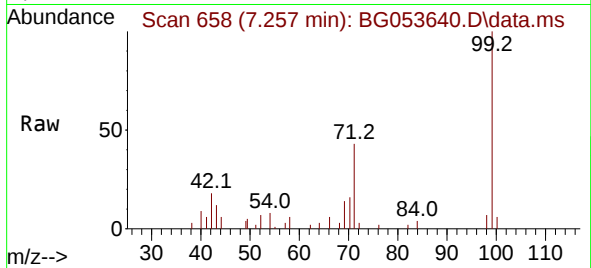




#7
Phenol-d6
Concen: 6.225 ng
RT: 7.257 min Scan# 61
Delta R.T. 0.016 min
Lab File: BG053640.D
Acq: 20 May 2022 00:08

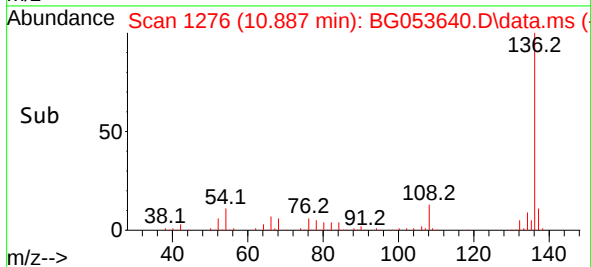
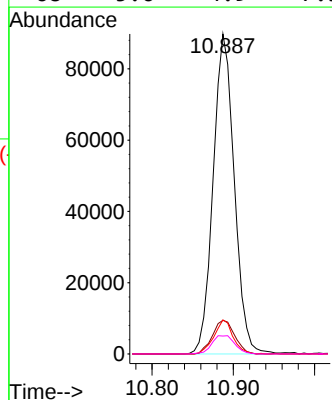
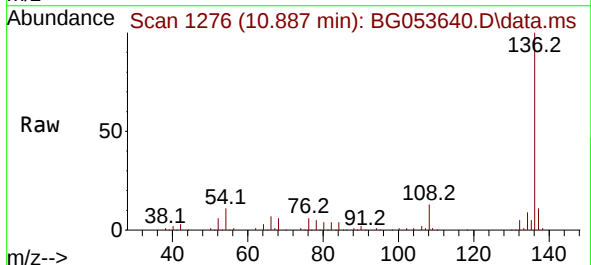
Instrument :
BNA_G
ClientSampleId :
P017-SS005-0006-01

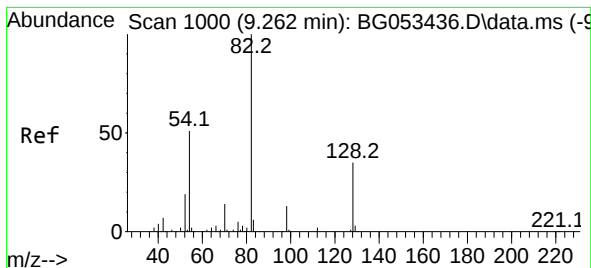
Tgt Ion: 99 Resp: 22622
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 43.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1276
Delta R.T. 0.004 min
Lab File: BG053640.D
Acq: 20 May 2022 00:08

Tgt Ion: 136 Resp: 162362
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 10.6 7.4 11.2
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 3.811 ng

RT: 9.248 min Scan# 91

Delta R.T. 0.010 min

Lab File: BG053640.D

Acq: 20 May 2022 00:08

Instrument :

BNA_G

ClientSampleId :

P017-SS005-0006-01

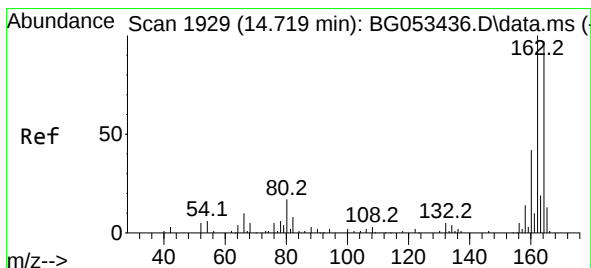
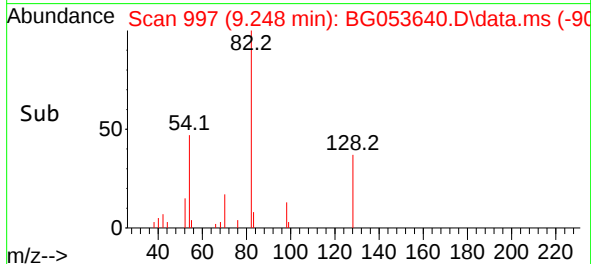
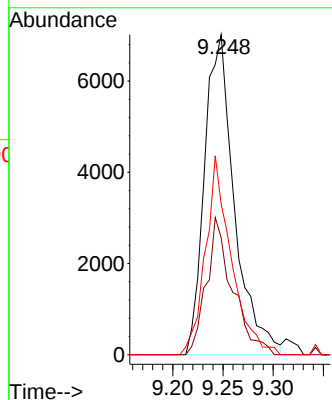
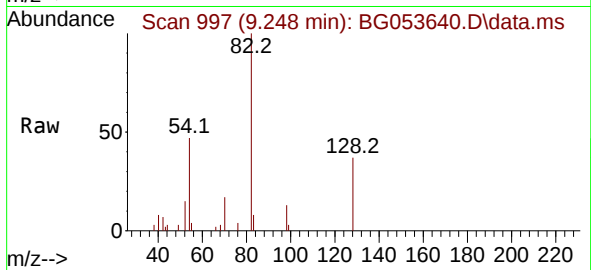
Tgt Ion: 82 Resp: 14537

Ion Ratio Lower Upper

82 100

128 36.5 27.9 41.9

54 47.1 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.706 min Scan# 1926

Delta R.T. 0.004 min

Lab File: BG053640.D

Acq: 20 May 2022 00:08

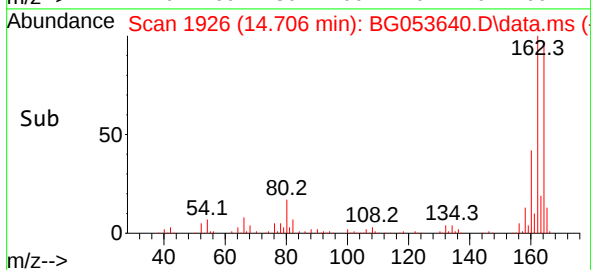
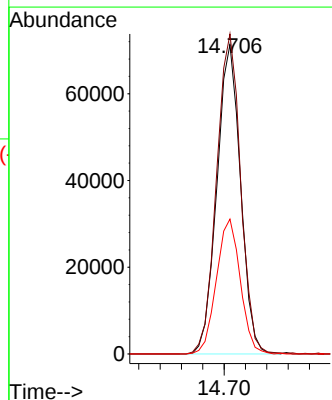
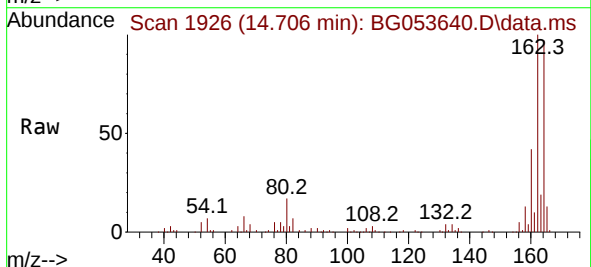
Tgt Ion: 164 Resp: 109634

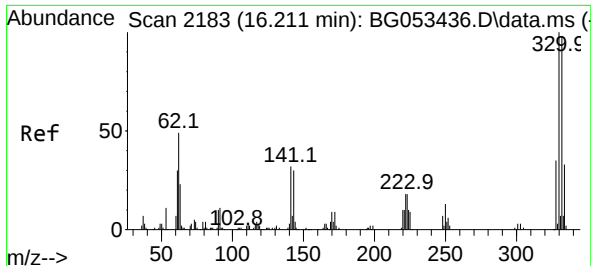
Ion Ratio Lower Upper

164 100

162 103.4 82.3 123.5

160 43.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 4.120 ng

RT: 16.198 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG053640.D

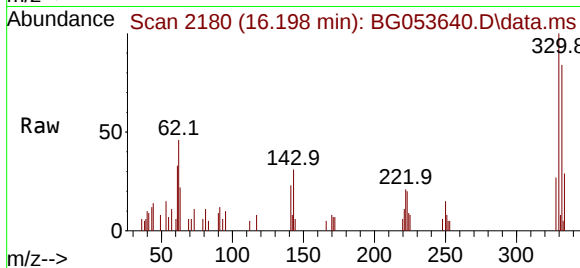
Acq: 20 May 2022 00:08

Instrument :

BNA_G

ClientSampleId :

P017-SS005-0006-01



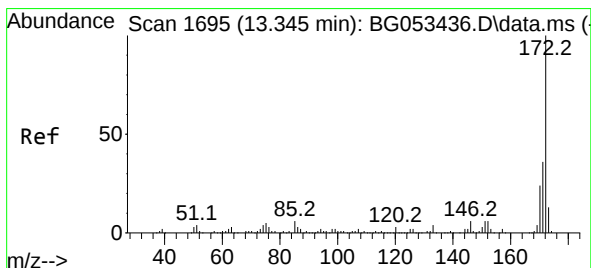
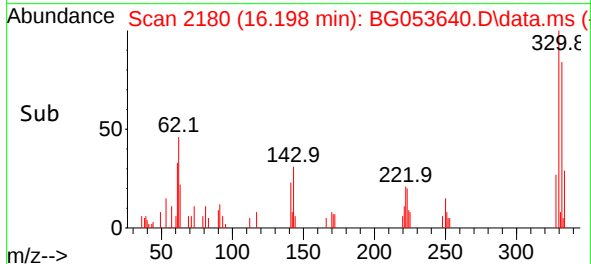
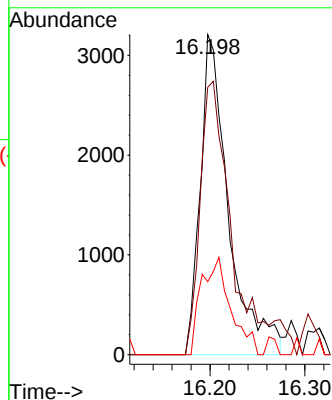
Tgt Ion:330 Resp: 6662

Ion Ratio Lower Upper

330 100

332 91.4 76.0 114.0

141 31.6 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 4.837 ng

RT: 13.325 min Scan# 1691

Delta R.T. -0.002 min

Lab File: BG053640.D

Acq: 20 May 2022 00:08

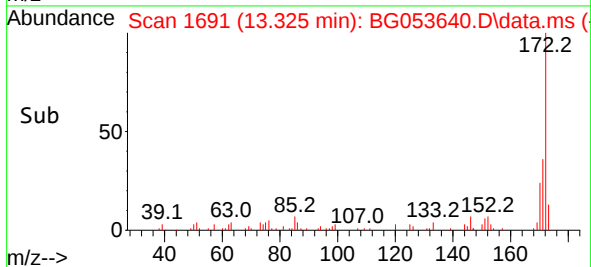
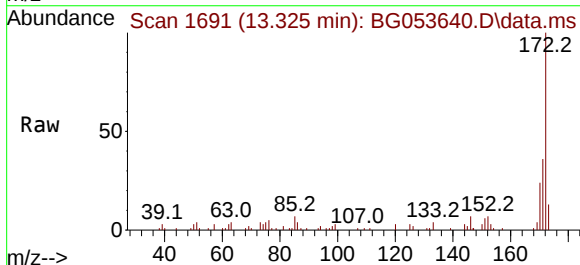
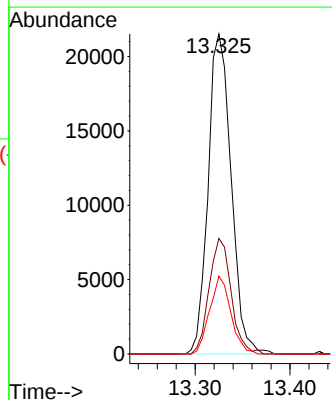
Tgt Ion:172 Resp: 36288

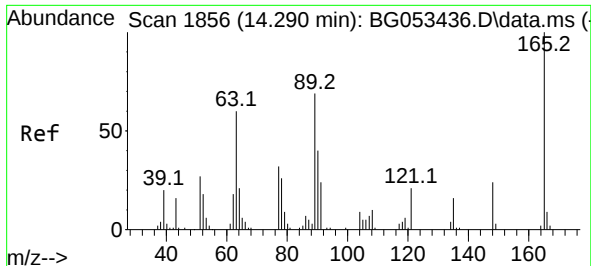
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.3 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.469 ng

RT: 14.706 min Scan# 1961

Delta R.T. 0.433 min

Lab File: BG053640.D

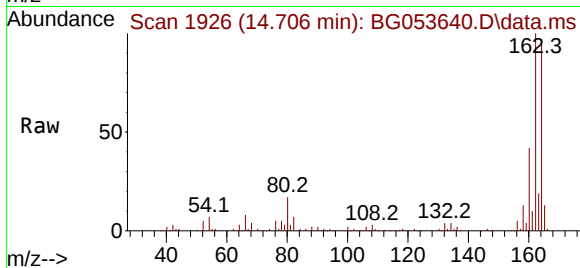
Acq: 20 May 2022 00:08

Instrument :

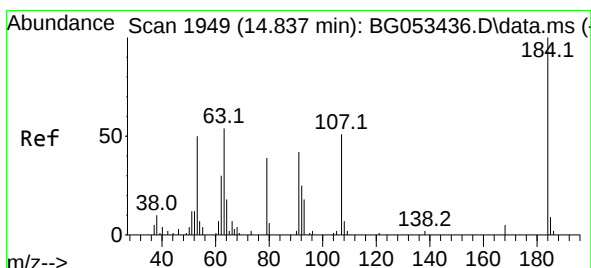
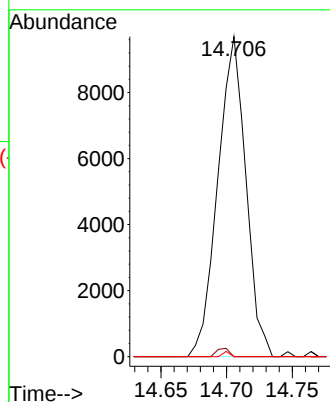
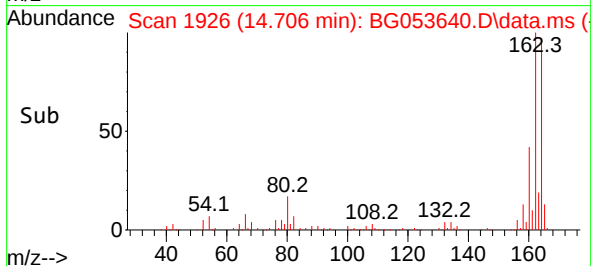
BNA_G

ClientSampleId :

P017-SS005-0006-01



Tgt Ion:165	Resp:	14374
Ion Ratio	Lower	Upper
165	100	
63	0.0	54.1 81.1#
89	0.0	54.8 82.2#



#54

2,4-Dinitrophenol

Concen: 6.295 ng

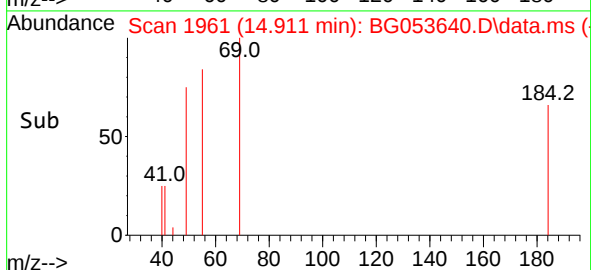
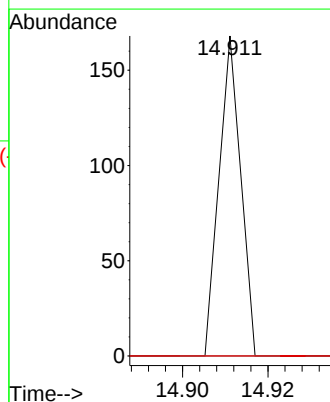
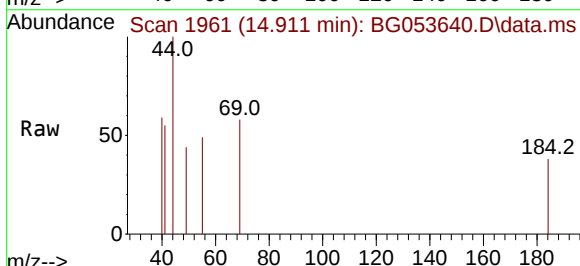
RT: 14.911 min Scan# 1961

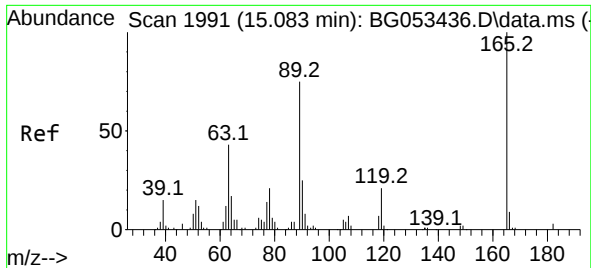
Delta R.T. 0.086 min

Lab File: BG053640.D

Acq: 20 May 2022 00:08

Tgt Ion:184	Resp:	59
Ion Ratio	Lower	Upper
184	100	
63	0.0	61.1 91.7#
154	0.0	60.6 91.0#

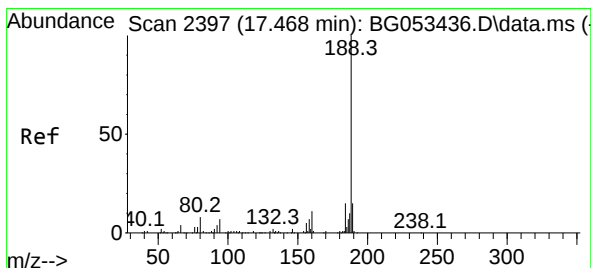
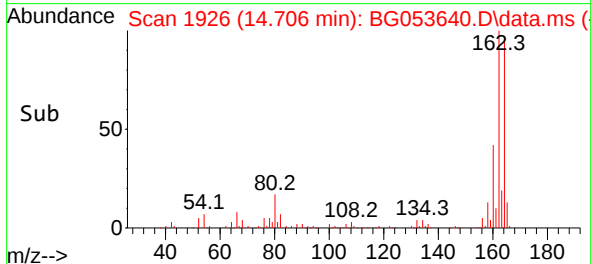
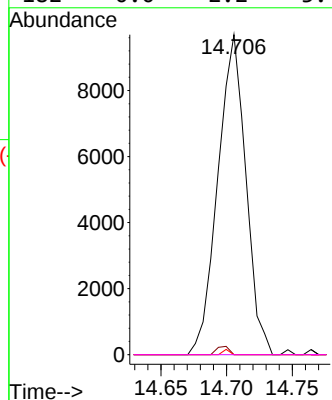
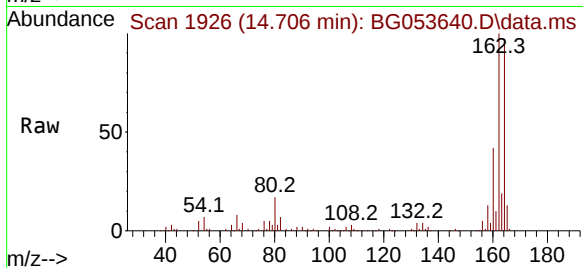




#57
2,4-Dinitrotoluene
Concen: 5.842 ng
RT: 14.706 min Scan# 1991
Delta R.T. -0.360 min
Lab File: BG053640.D
Acq: 20 May 2022 00:08

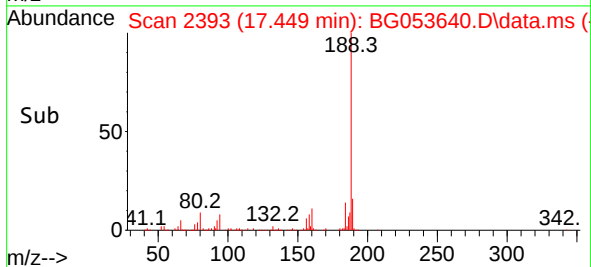
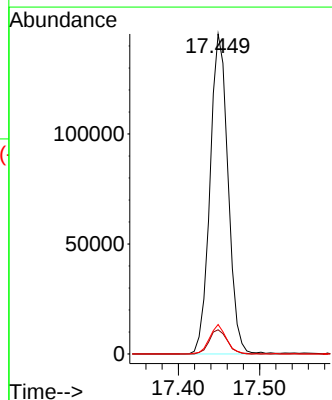
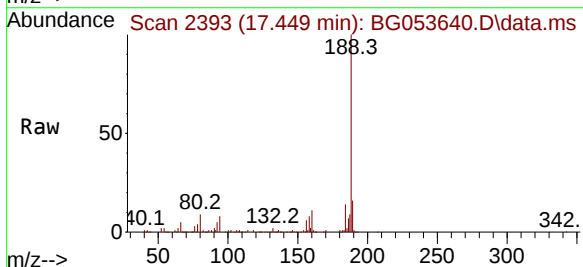
Instrument :
BNA_G
ClientSampleId :
P017-SS005-0006-01

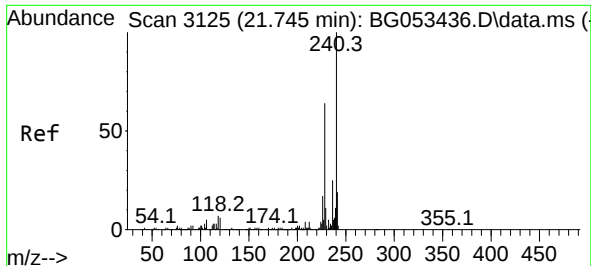
Tgt Ion:165	Resp:	14374
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6 52.0#
89	0.0	60.3 90.5#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 2393
Delta R.T. -0.002 min
Lab File: BG053640.D
Acq: 20 May 2022 00:08

Tgt Ion:188	Resp:	224399
Ion Ratio	Lower	Upper
188	100	
94	7.6	5.4 8.0
80	9.2	6.8 10.2

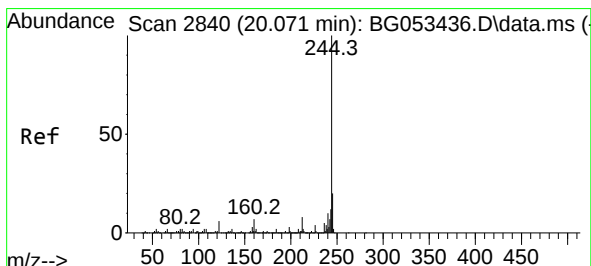
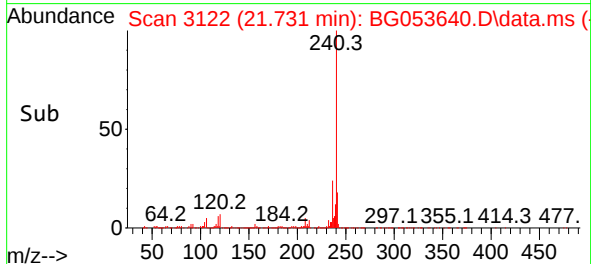
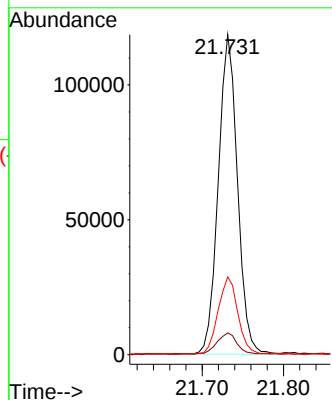
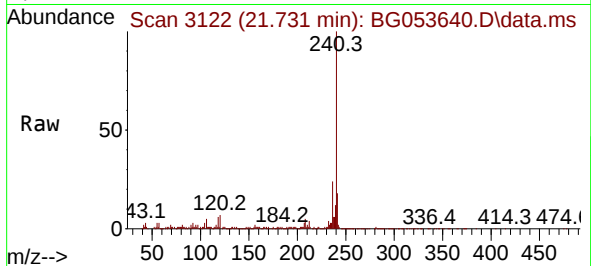




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053640.D
Acq: 20 May 2022 00:08

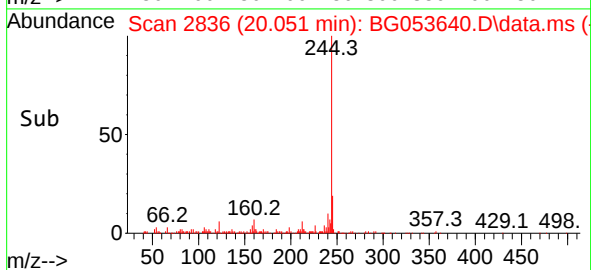
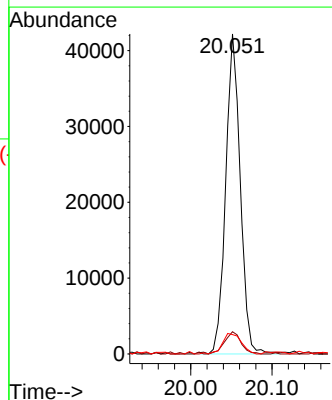
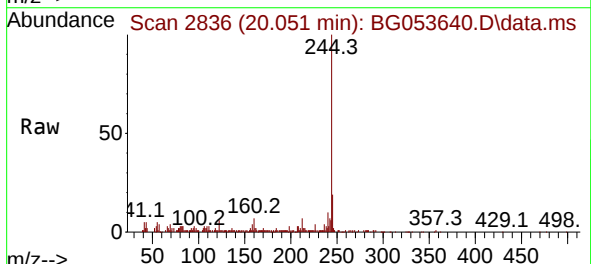
Instrument :
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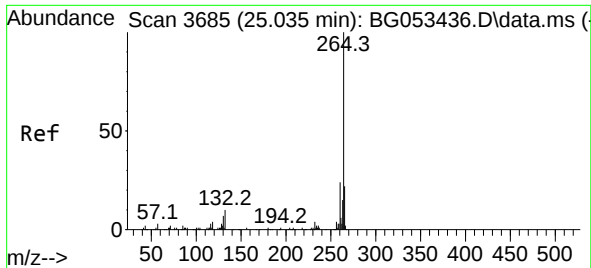
Tgt Ion:240 Resp: 194444
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 24.3 20.2 30.4



#79
Terphenyl-d14
Concen: 5.056 ng
RT: 20.051 min Scan# 2836
Delta R.T. -0.002 min
Lab File: BG053640.D
Acq: 20 May 2022 00:08

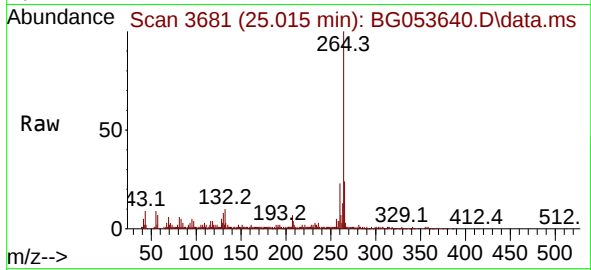
Tgt Ion:244 Resp: 52783
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 6.0 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 30
 Delta R.T. 0.010 min
 Lab File: BG053640.D
 Acq: 20 May 2022 00:08

Instrument :
 BNA_G
 ClientSampleId :
 P017-SS005-0006-01



Tgt Ion:	264	Resp:	173619
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.0	28.6
265	23.6	17.4	26.2

