

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053704.D
 Acq On : 25 May 2022 21:48
 Operator : CG/JU
 Sample : N2893-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P004-SS002-0612-01

Quant Time: May 26 02:52:57 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 25 15:11:41 2022
 Response via : Initial Calibration

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

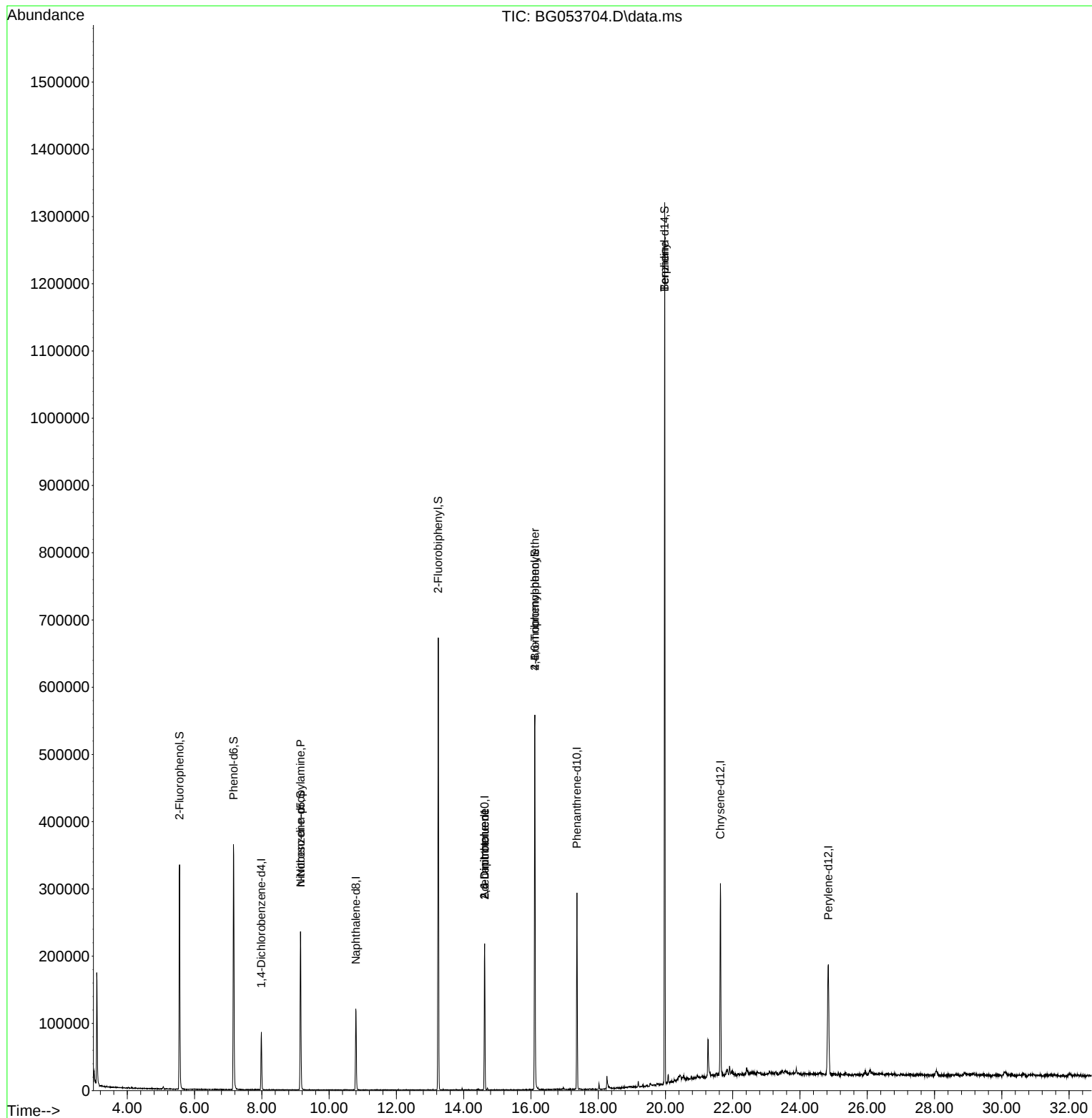
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	22959	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	98255	20.000	ng	0.00
39) Acenaphthene-d10	14.625	164	76830	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	181749	20.000	ng	0.00
76) Chrysene-d12	21.633	240	180497	20.000	ng	0.00
86) Perylene-d12	24.840	264	182031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	135463	100.135	ng	0.00
7) Phenol-d6	7.158	99	208939	101.768	ng	0.00
23) Nitrobenzene-d5	9.150	82	145676	63.113	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	116878	103.144	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	344220	65.469	ng	0.00
79) Terphenyl-d14	19.976	244	644664	66.520	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.150	70	20301	13.781	ng	# 74
51) 2,6-Dinitrotoluene	14.625	165	9842	8.274	ng	# 16
57) 2,4-Dinitrotoluene	14.625	165	9842	5.708	ng	# 21
67) 4-Bromophenyl-phenylether	16.117	248	7285	3.432	ng	# 1
77) Benzidine	19.976	184	10485	2.695	ng	# 89

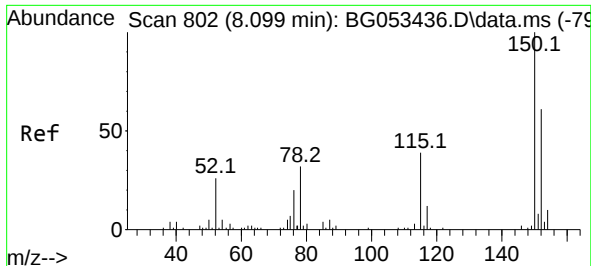
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
Data File : BG053704.D
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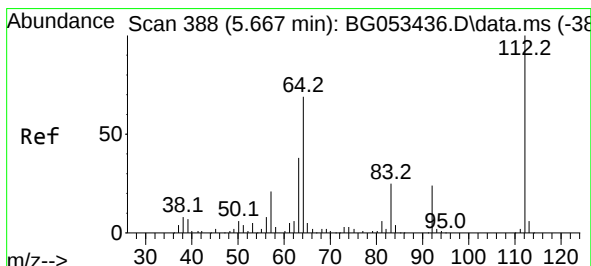
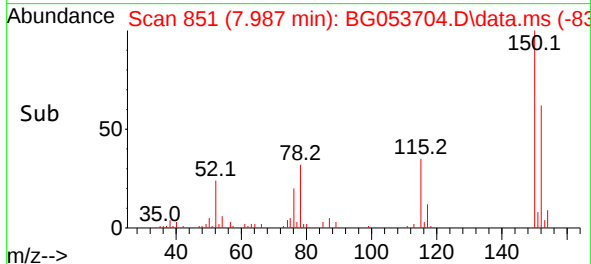
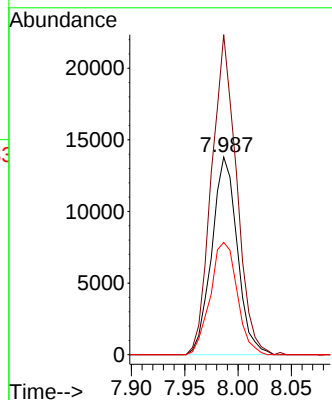
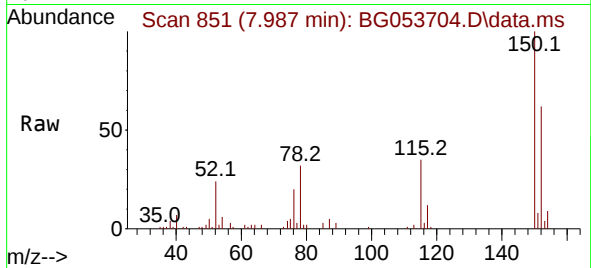




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

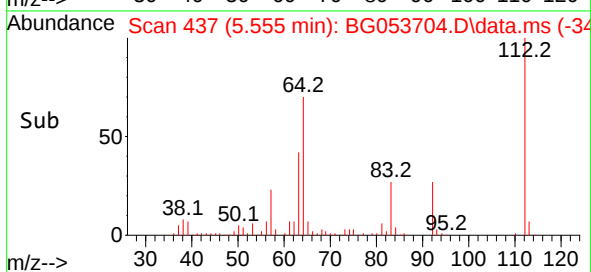
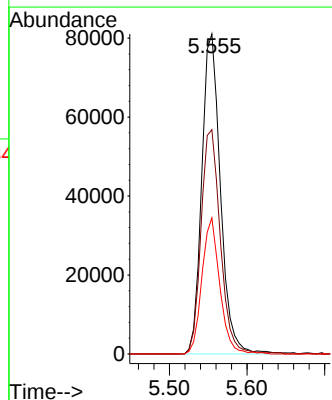
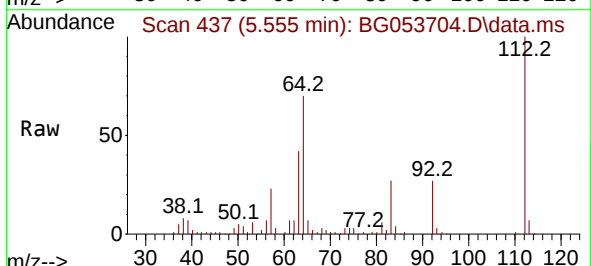
Instrument :
BNA_G
ClientSampleId :
P004-SS002-0612-01

Tgt Ion:152 Resp: 22959
Ion Ratio Lower Upper
152 100
150 162.0 131.6 197.4
115 56.9 50.9 76.3



#5
2-Fluorophenol
Concen: 100.135 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.000 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

Tgt Ion:112 Resp: 135463
Ion Ratio Lower Upper
112 100
64 70.1 55.1 82.7
63 42.5 30.4 45.6

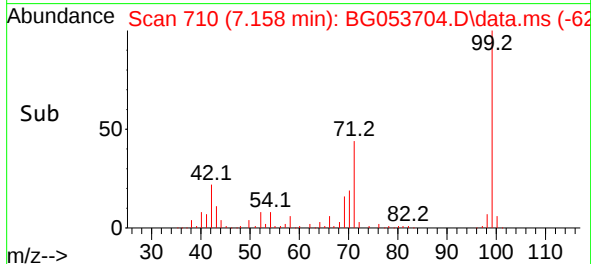
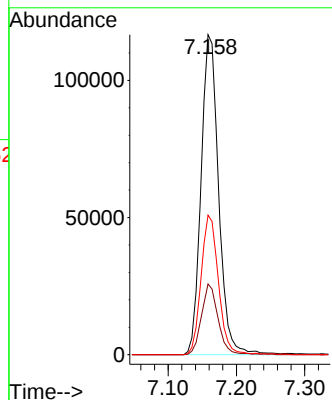
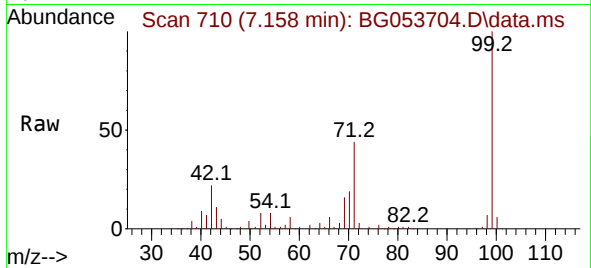




#7
Phenol-d6
Concen: 101.768 ng
RT: 7.158 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

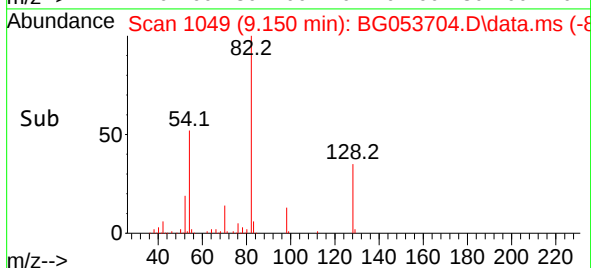
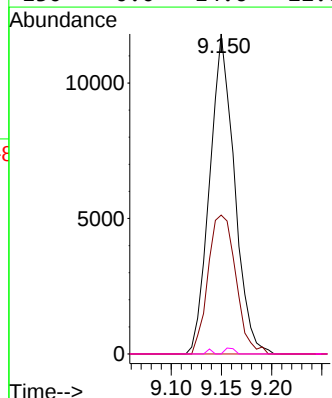
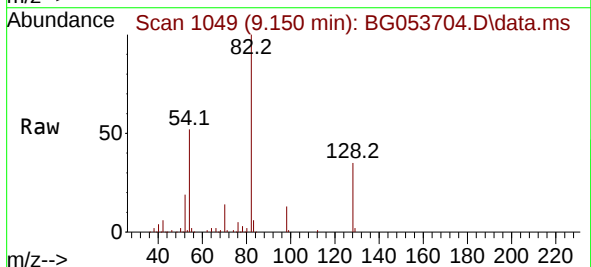
Instrument :
BNA_G
ClientSampleId :
P004-SS002-0612-01

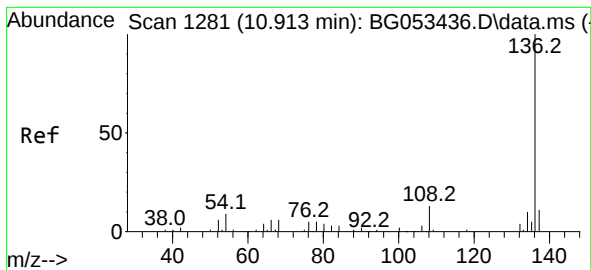
Tgt Ion: 99 Resp: 208939
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 43.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.781 ng
RT: 9.150 min Scan# 1049
Delta R.T. 0.353 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

Tgt Ion: 70 Resp: 20301
Ion Ratio Lower Upper
70 100
42 43.4 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

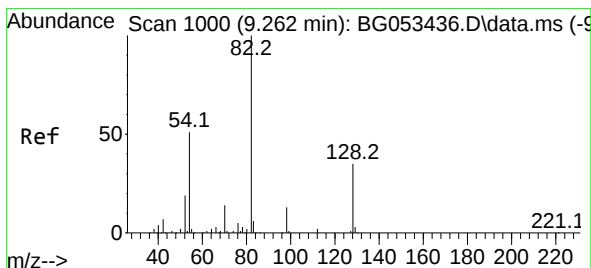
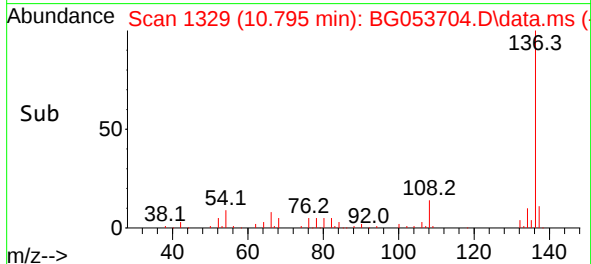
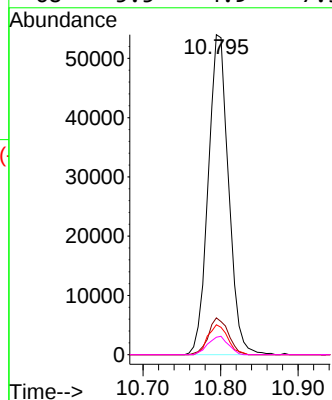
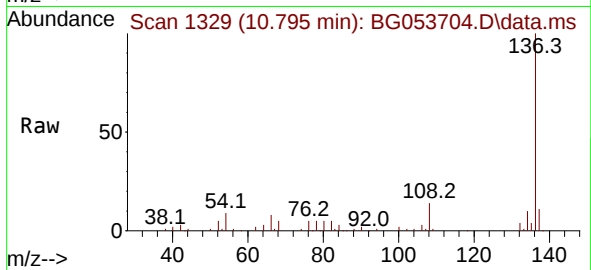




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

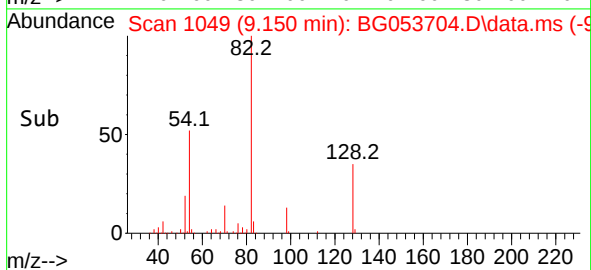
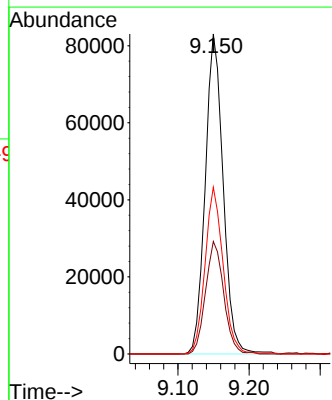
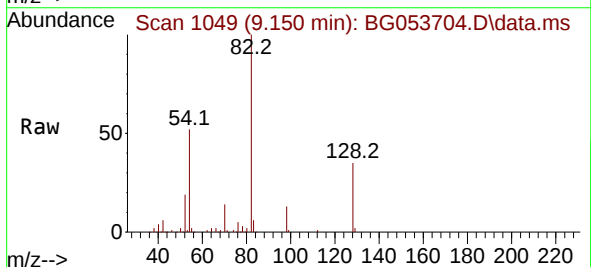
Instrument :
BNA_G
ClientSampleId :
P004-SS002-0612-01

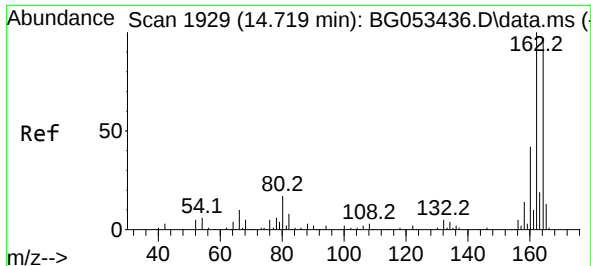
Tgt Ion:136	Resp:	98255
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.5 12.7
54	9.4	7.4 11.2
68	5.5	4.9 7.3



#23
Nitrobenzene-d5
Concen: 63.113 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.005 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

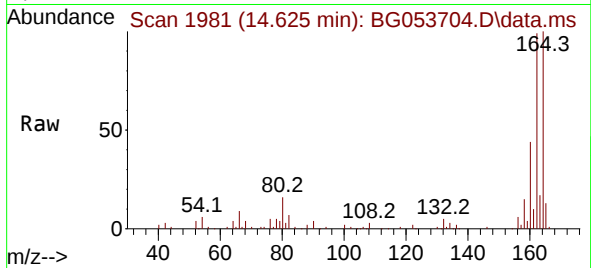
Tgt Ion: 82	Resp:	145676
Ion Ratio	Lower	Upper
82	100	
128	35.2	27.9 41.9
54	52.1	41.2 61.8



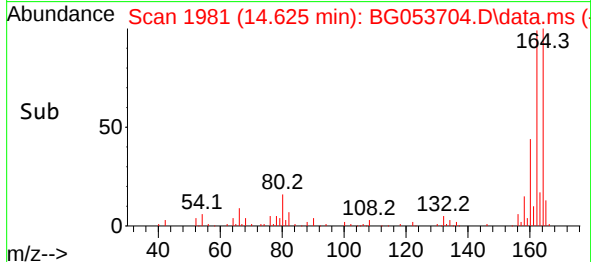
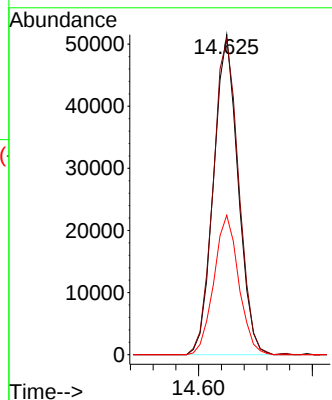


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

Instrument :
BNA_G
ClientSampleId :
P004-SS002-0612-01

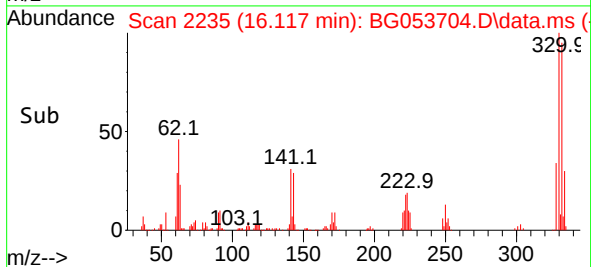
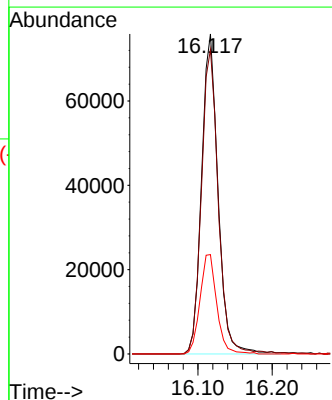
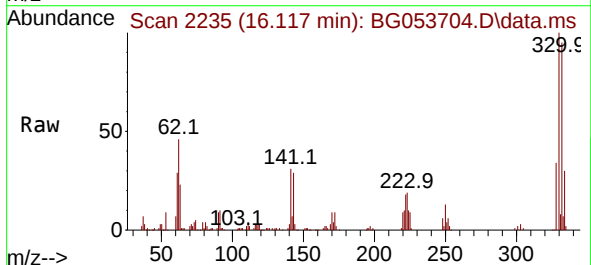


Tgt Ion:164 Resp: 76830
Ion Ratio Lower Upper
164 100
162 98.5 82.3 123.5
160 43.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 103.144 ng
RT: 16.117 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

Tgt Ion:330 Resp: 116878
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 31.6 27.1 40.7

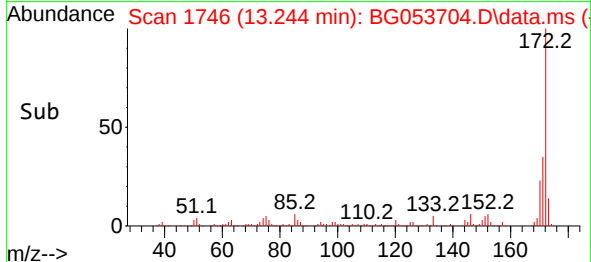
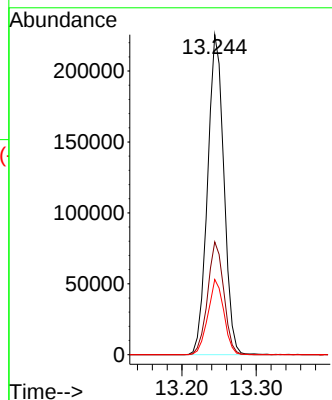
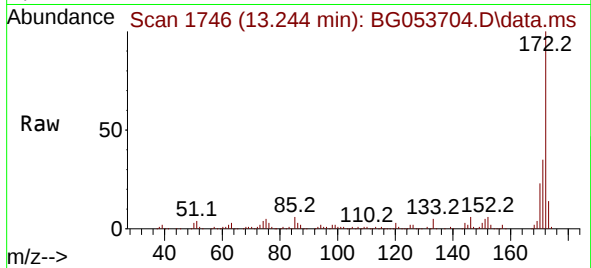




#45
2-Fluorobiphenyl
Concen: 65.469 ng
RT: 13.244 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

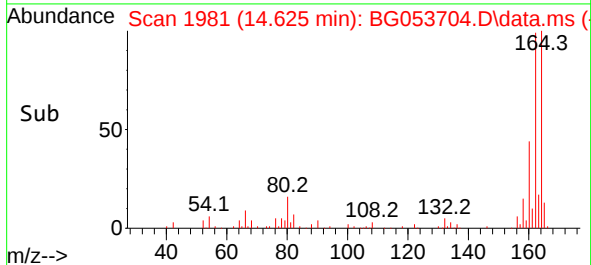
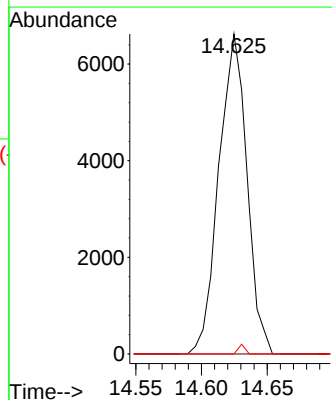
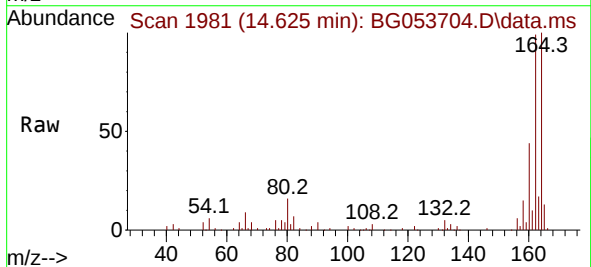
Instrument :
BNA_G
ClientSampleId :
P004-SS002-0612-01

Tgt Ion:172 Resp: 344220
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.274 ng
RT: 14.625 min Scan# 1981
Delta R.T. 0.423 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

Tgt Ion:165 Resp: 9842
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.708 ng

RT: 14.625 min Scan# 14

Delta R.T. -0.370 min

Lab File: BG053704.D

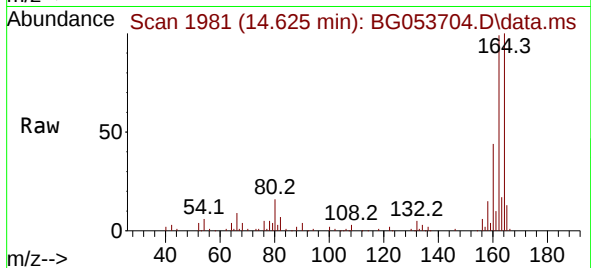
Acq: 25 May 2022 21:48

Instrument :

BNA_G

ClientSampleId :

P004-SS002-0612-01



Tgt Ion:165 Resp: 9842

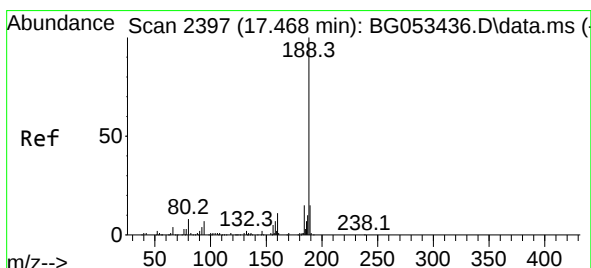
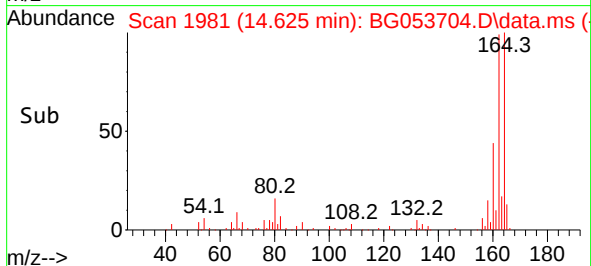
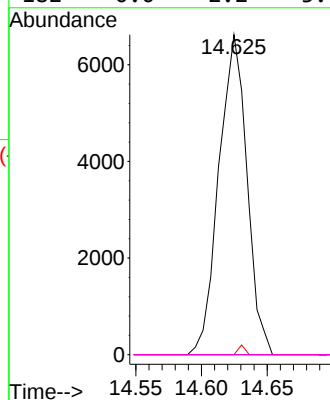
Ion Ratio Lower Upper

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: 17.368 min Scan# 2448

Delta R.T. -0.005 min

Lab File: BG053704.D

Acq: 25 May 2022 21:48

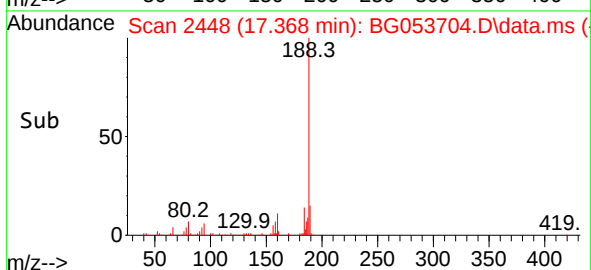
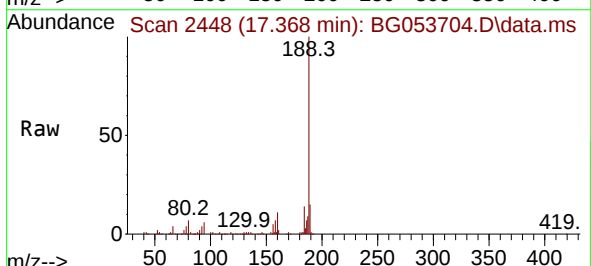
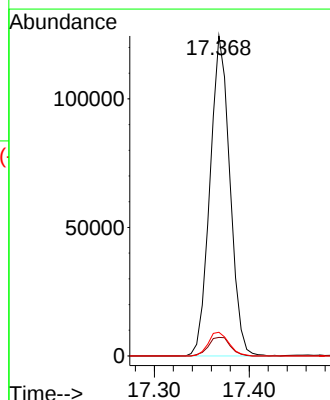
Tgt Ion:188 Resp: 181749

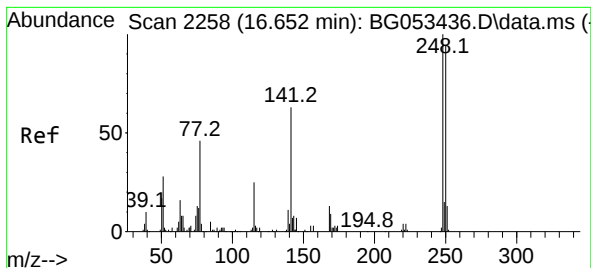
Ion Ratio Lower Upper

188 100

94 5.8 5.4 8.0

80 7.4 6.8 10.2

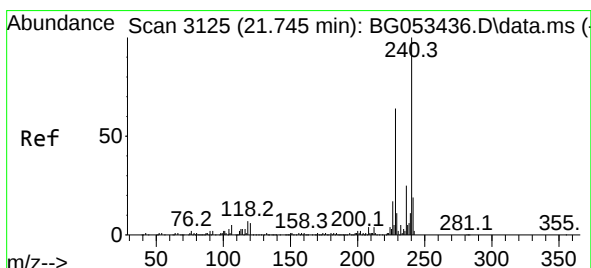
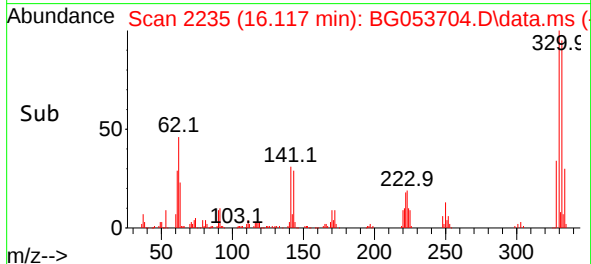
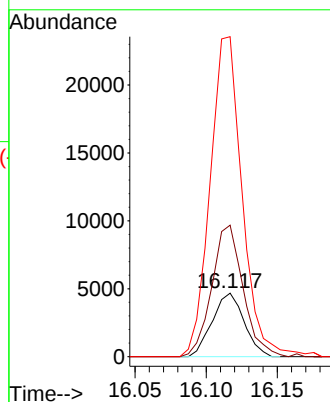
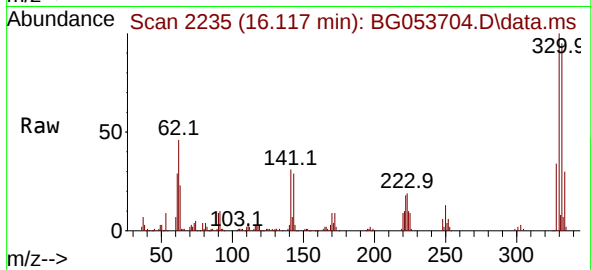




#67
4-Bromophenyl-phenylether
Concen: 3.432 ng
RT: 16.117 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

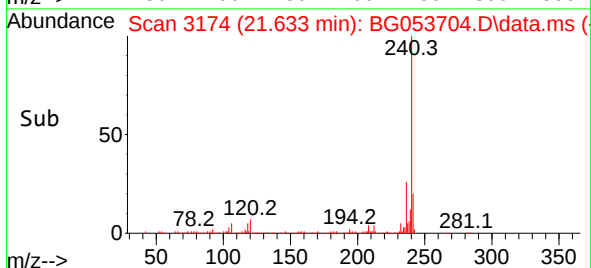
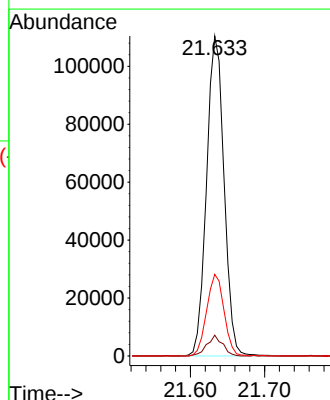
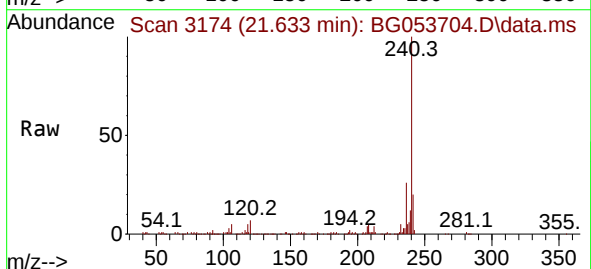
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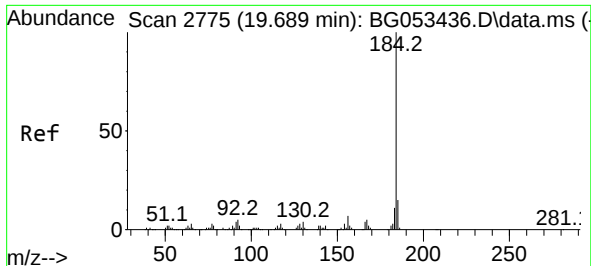
Tgt Ion:248 Resp: 7285
Ion Ratio Lower Upper
248 100
250 206.7 75.2 112.8#
141 503.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

Tgt Ion:240 Resp: 180497
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 25.5 20.2 30.4

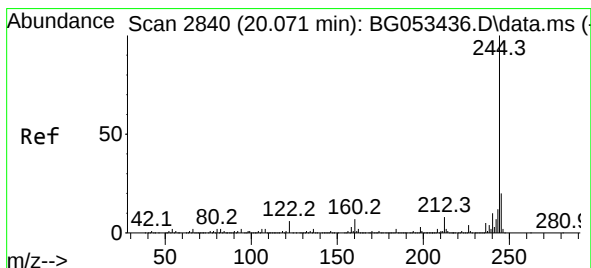
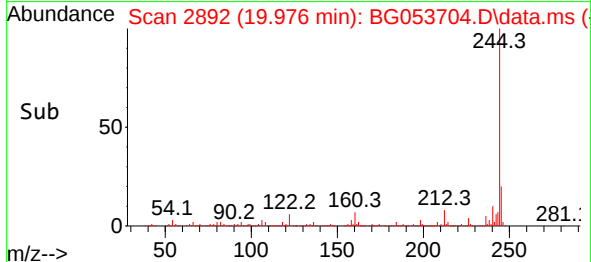
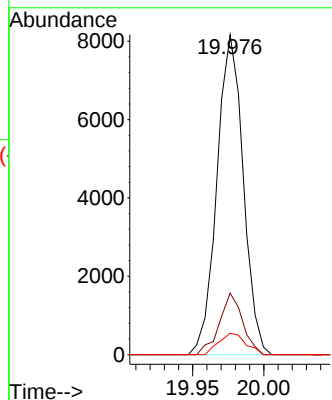
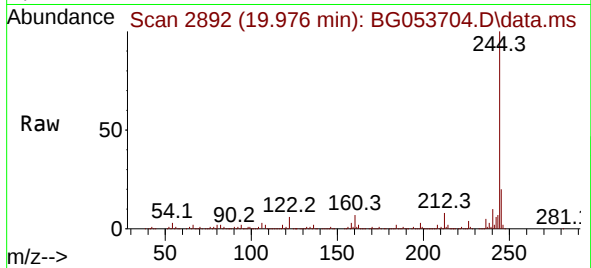




#77
Benzidine
Concen: 2.695 ng
RT: 19.976 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

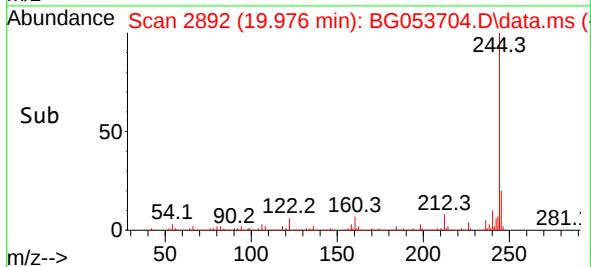
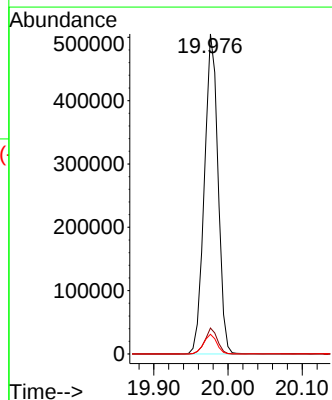
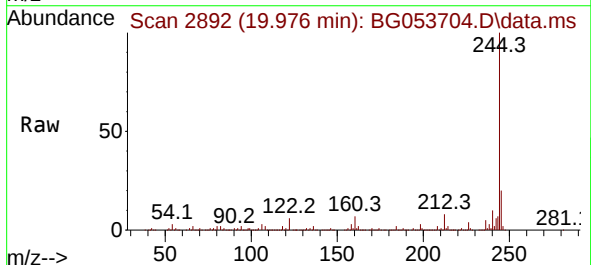
Instrument :
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ClientSampleId :
P004-SS002-0612-01

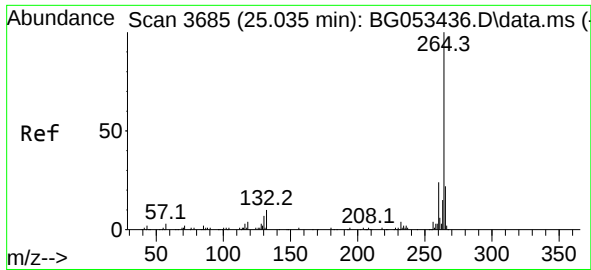
Tgt Ion:184 Resp: 10485
Ion Ratio Lower Upper
184 100
185 19.3 11.8 17.6#
183 6.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 66.520 ng
RT: 19.976 min Scan# 2892
Delta R.T. 0.000 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

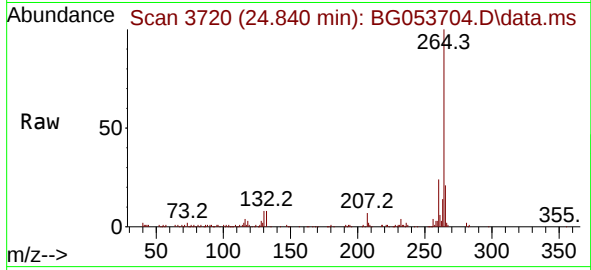
Tgt Ion:244 Resp: 644664
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 6.2 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.840 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG053704.D
Acq: 25 May 2022 21:48

Instrument :
BNA_G
ClientSampleId :
P004-SS002-0612-01



Tgt Ion:264 Resp: 182031

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.2	17.4	26.2

