

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
 Data File : BG052783.D
 Acq On : 22 Mar 2022 13:21
 Operator : CG/JU
 Sample : N1974-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-3

Quant Time: Mar 22 16:38:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	41471	20.000	ng	-0.01
21) Naphthalene-d8	10.955	136	167689	20.000	ng	#-0.02
39) Acenaphthene-d10	14.767	164	38562	20.000	ng	0.00
64) Phenanthrene-d10	17.505	188	182779	20.000	ng	#-0.01
76) Chrysene-d12	21.793	240	40140	20.000	ng	#-0.02
86) Perylene-d12	25.118	264	66	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	284955	119.663	ng	0.00
7) Phenol-d6	7.289	99	205523	57.247	ng	0.00
23) Nitrobenzene-d5	9.304	82	320317	95.873	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	208316	402.023	ng	-0.01
45) 2-Fluorobiphenyl	13.392	172	676504	258.737	ng	-0.01
79) Terphenyl-d14	20.113	244	730445	323.705	ng	-0.01

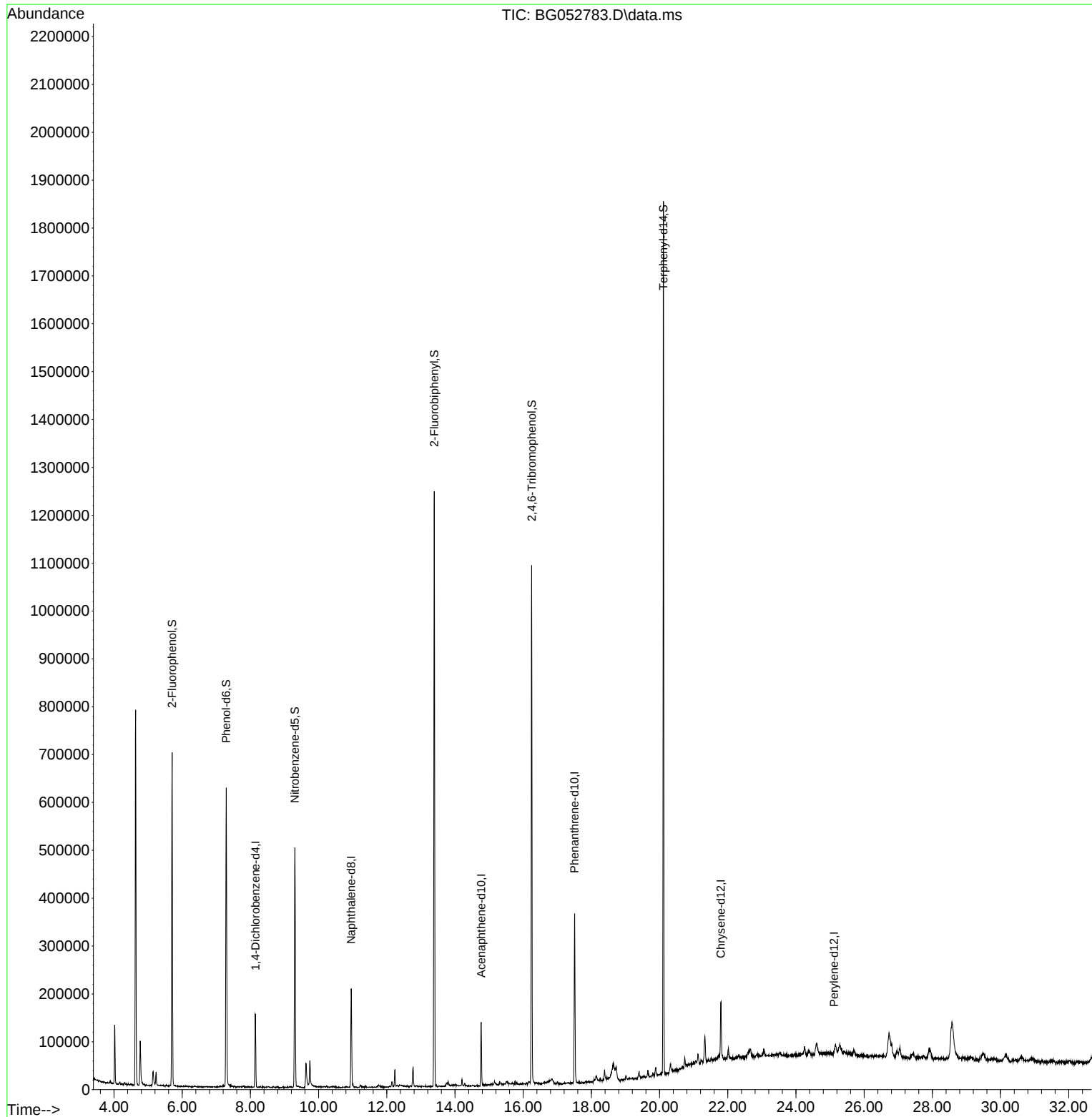
Target Compounds	Qvalue

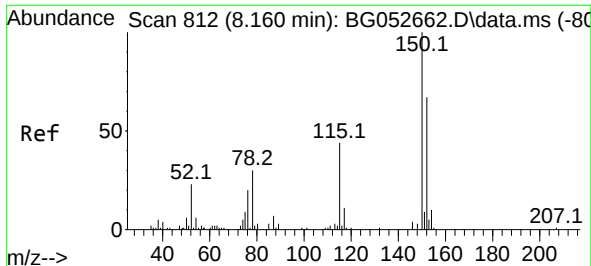
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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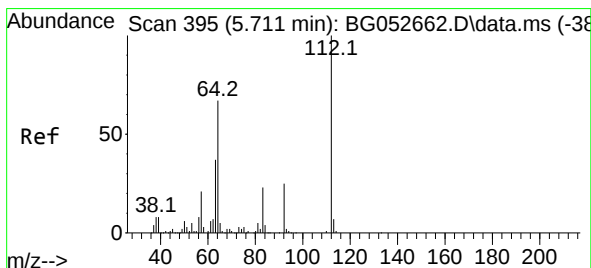
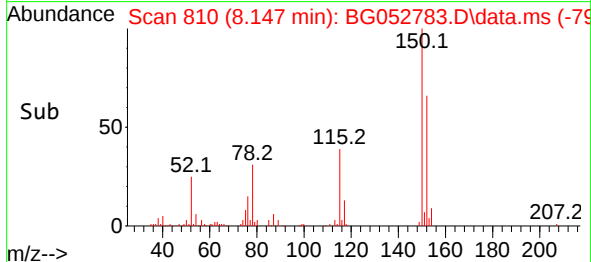
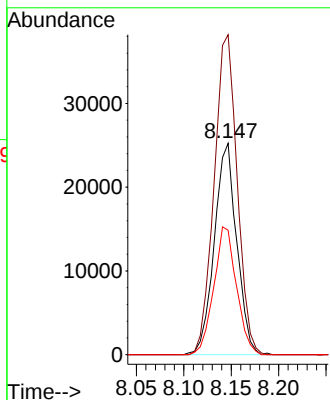
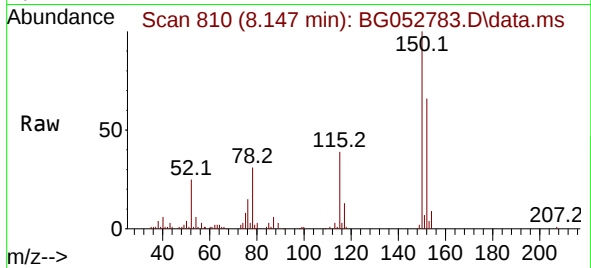




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG052783.D
Acq: 22 Mar 2022 13:21

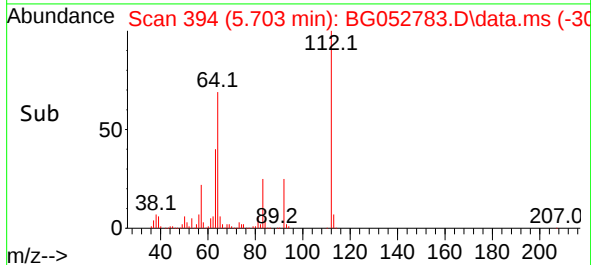
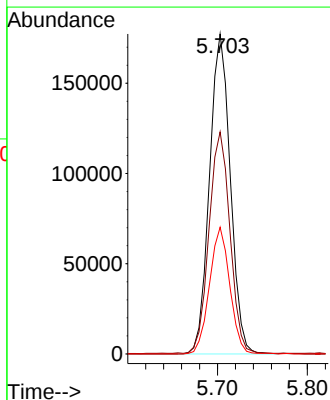
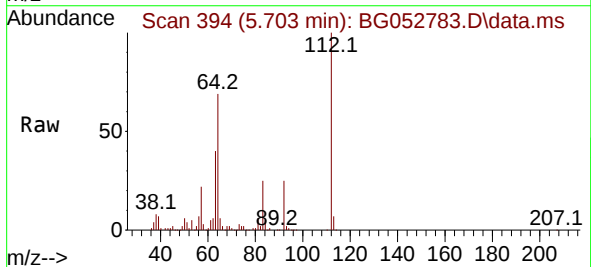
Instrument :
BNA_G
ClientSampleId :
B-3

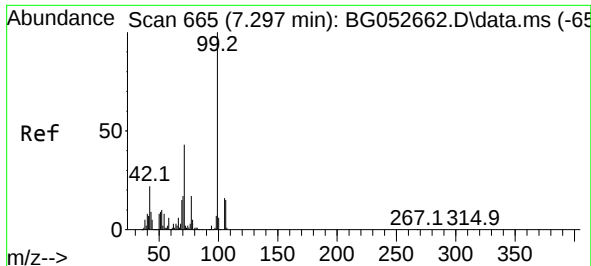
Tgt Ion:152 Resp: 41471
Ion Ratio Lower Upper
152 100
150 151.4 114.6 172.0
115 58.9 45.9 68.9



#5
2-Fluorophenol
Concen: 119.663 ng
RT: 5.703 min Scan# 394
Delta R.T. -0.008 min
Lab File: BG052783.D
Acq: 22 Mar 2022 13:21

Tgt Ion:112 Resp: 284955
Ion Ratio Lower Upper
112 100
64 69.4 48.0 72.0
63 39.6 26.5 39.7

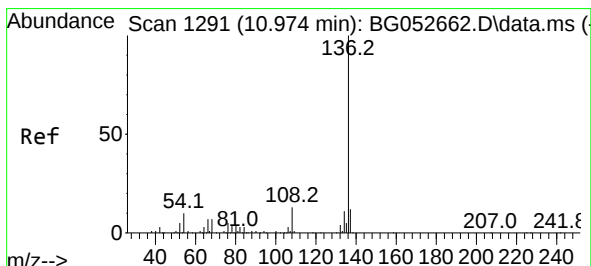
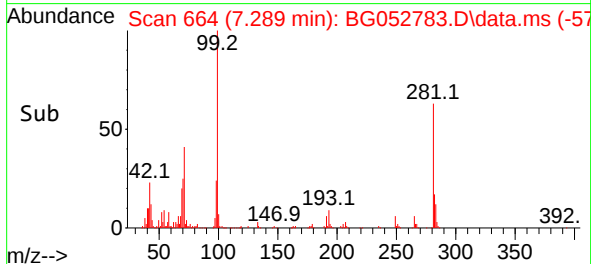
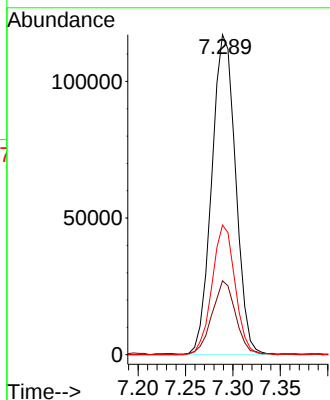
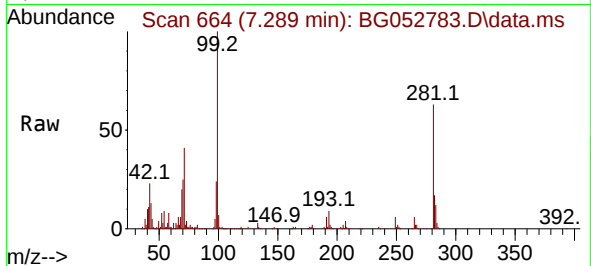




#7
Phenol-d6
Concen: 57.247 ng
RT: 7.289 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG052783.D
Acq: 22 Mar 2022 13:21

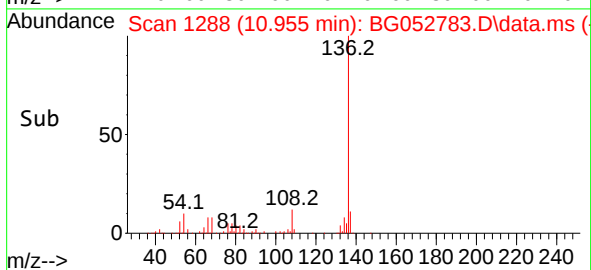
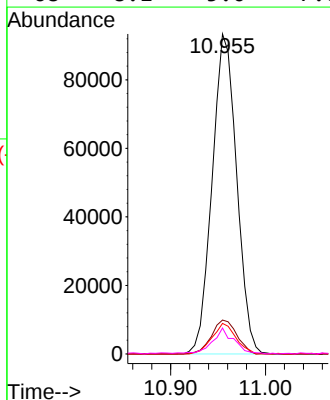
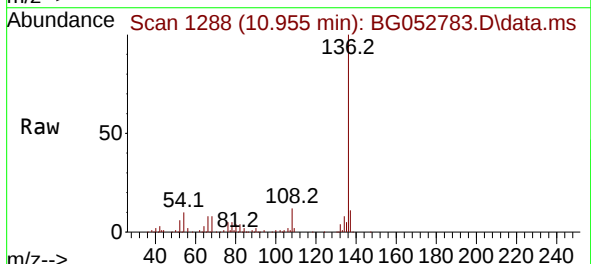
Instrument :
BNA_G
ClientSampleId :
B-3

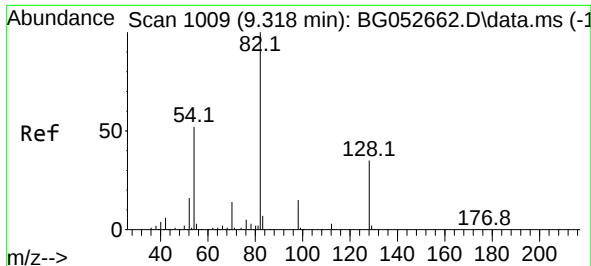
Tgt Ion: 99 Resp: 205523
Ion Ratio Lower Upper
99 100
42 23.1 14.7 22.1#
71 40.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.955 min Scan# 1288
Delta R.T. -0.019 min
Lab File: BG052783.D
Acq: 22 Mar 2022 13:21

Tgt Ion:136 Resp: 167689
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.2
54 9.6 6.4 9.6
68 8.1 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 95.873 ng

RT: 9.304 min Scan# 1009

Delta R.T. -0.014 min

Lab File: BG052783.D

Acq: 22 Mar 2022 13:21

Instrument :

BNA_G

ClientSampleId :

B-3

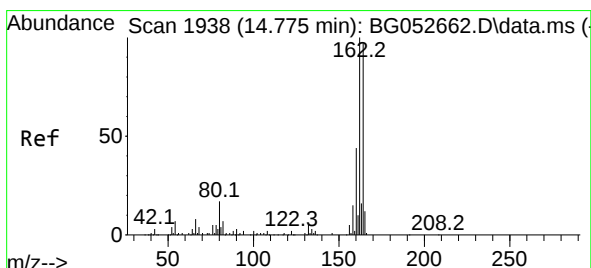
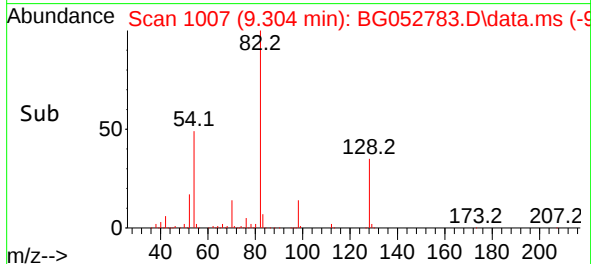
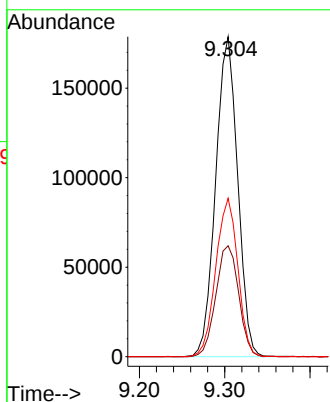
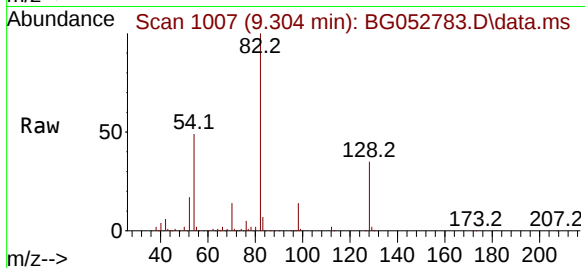
Tgt Ion: 82 Resp: 320317

Ion Ratio Lower Upper

82 100

128 34.7 31.3 46.9

54 49.5 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.767 min Scan# 1937

Delta R.T. -0.008 min

Lab File: BG052783.D

Acq: 22 Mar 2022 13:21

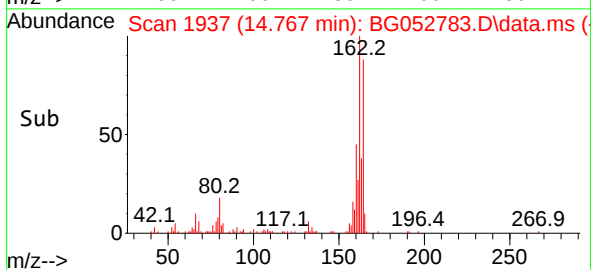
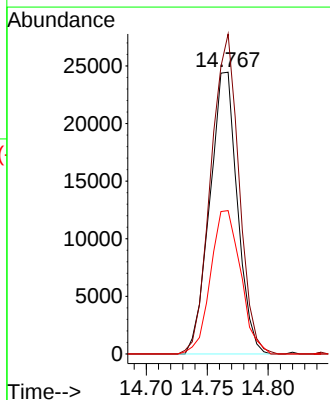
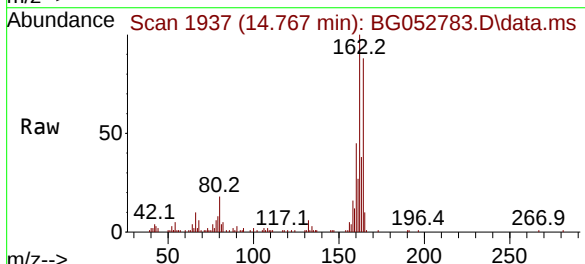
Tgt Ion:164 Resp: 38562

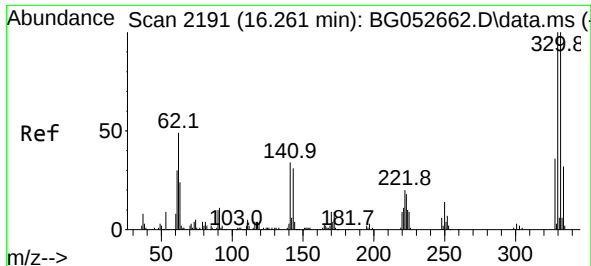
Ion Ratio Lower Upper

164 100

162 113.5 80.0 120.0

160 50.9 38.8 58.2

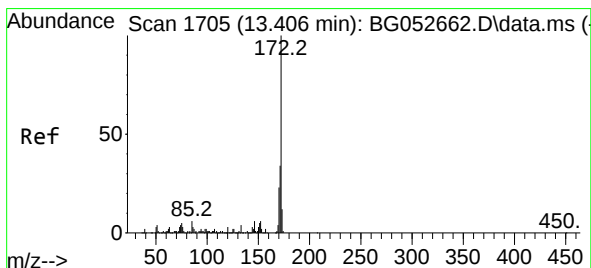
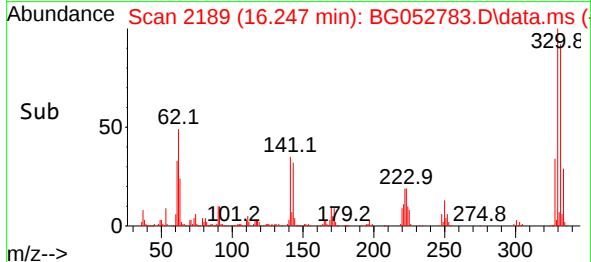
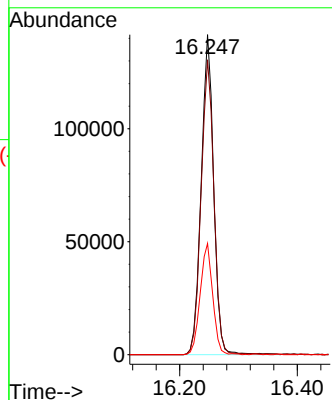
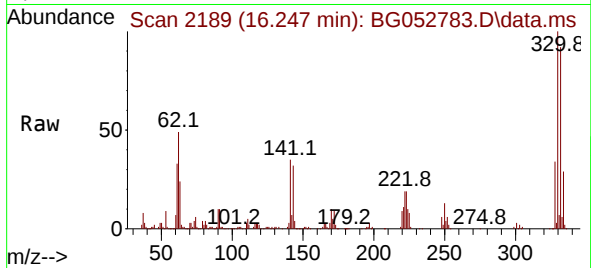




#42
2,4,6-Tribromophenol
Concen: 402.023 ng
RT: 16.247 min Scan# 2191
Delta R.T. -0.014 min
Lab File: BG052783.D
Acq: 22 Mar 2022 13:21

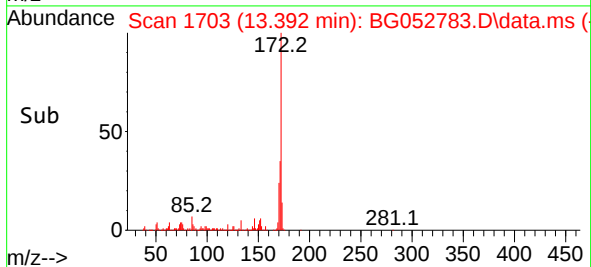
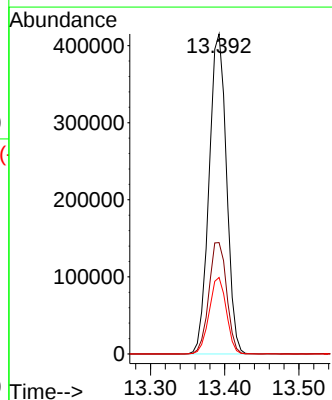
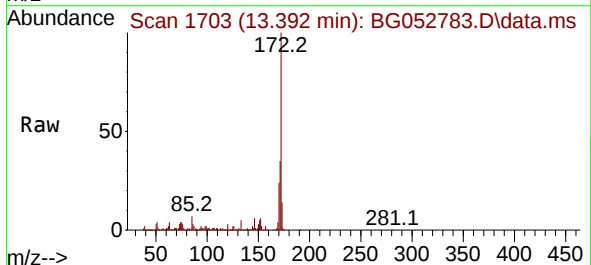
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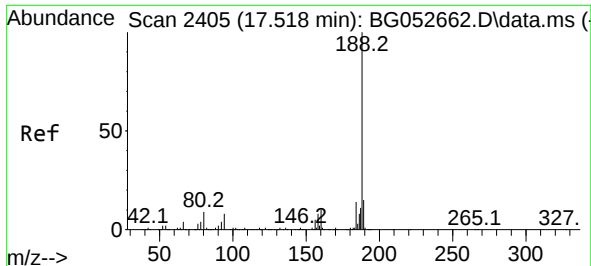
Tgt Ion:330 Resp: 208316
Ion Ratio Lower Upper
330 100
332 94.7 75.8 113.6
141 34.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 258.737 ng
RT: 13.392 min Scan# 1703
Delta R.T. -0.014 min
Lab File: BG052783.D
Acq: 22 Mar 2022 13:21

Tgt Ion:172 Resp: 676504
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.9 18.0 27.0

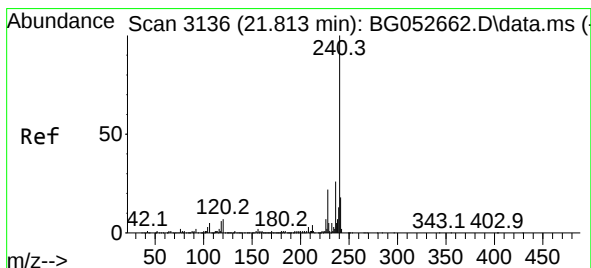
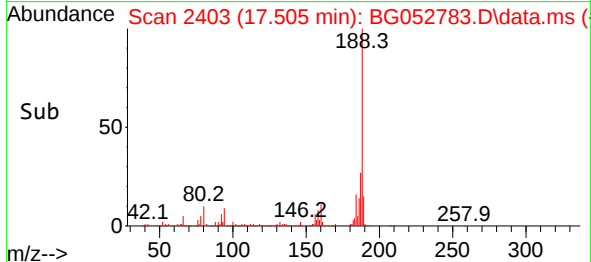
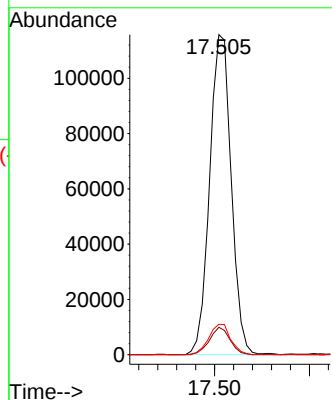
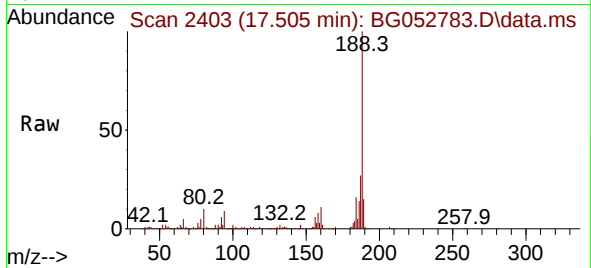




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.505 min Scan# 2403
Delta R.T. -0.014 min
Lab File: BG052783.D
Acq: 22 Mar 2022 13:21

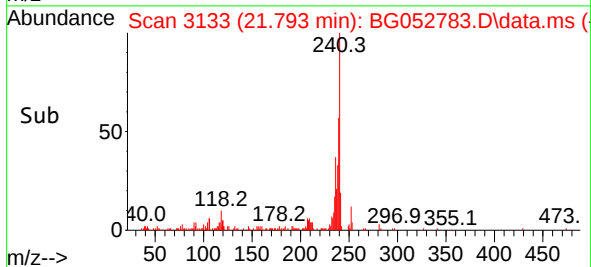
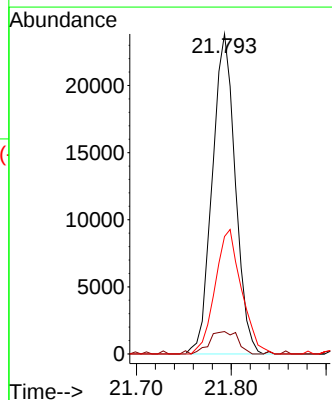
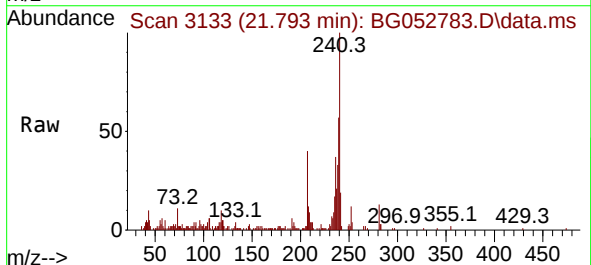
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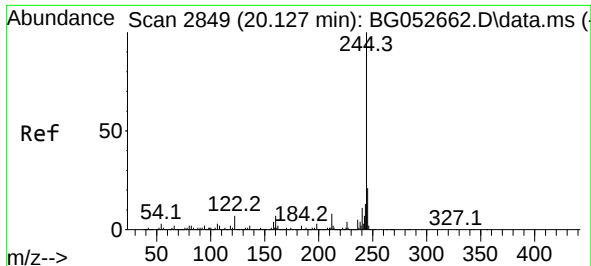
Tgt Ion:188 Resp: 182779
Ion Ratio Lower Upper
188 100
94 8.6 5.7 8.5#
80 9.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.793 min Scan# 3133
Delta R.T. -0.020 min
Lab File: BG052783.D
Acq: 22 Mar 2022 13:21

Tgt Ion:240 Resp: 40140
Ion Ratio Lower Upper
240 100
120 7.0 5.4 8.0
236 36.7 19.8 29.6#

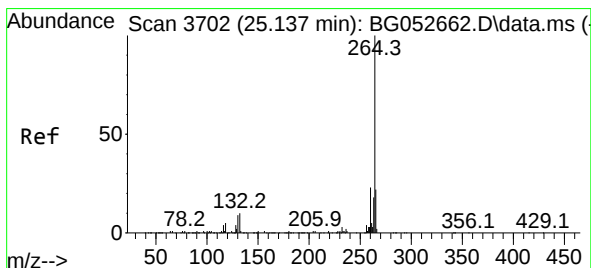
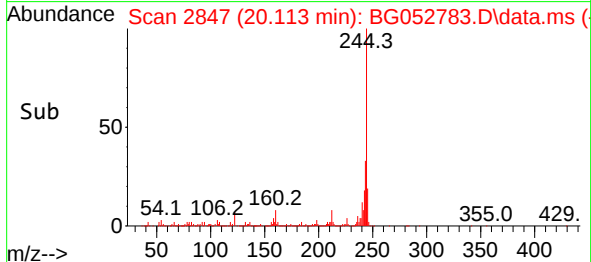
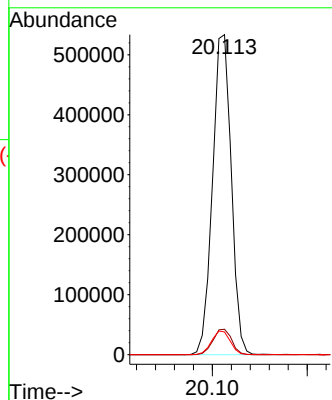
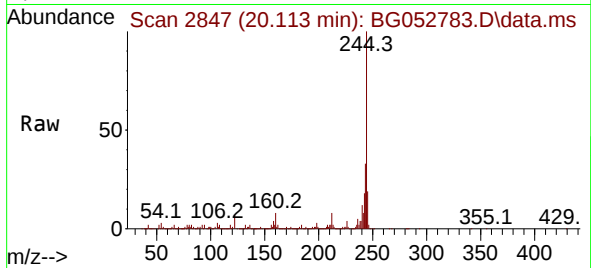




#79
 Terphenyl-d14
 Concen: 323.705 ng
 RT: 20.113 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG052783.D
 Acq: 22 Mar 2022 13:21

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 730445
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 7.1 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.118 min Scan# 3699
 Delta R.T. -0.020 min
 Lab File: BG052783.D
 Acq: 22 Mar 2022 13:21

Tgt Ion:264 Resp: 66
 Ion Ratio Lower Upper
 264 100
 260 333.9 18.2 27.2#
 265 176.3 15.1 22.7#

