

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054339.D
 Acq On : 20 Jul 2022 23:03
 Operator : CG/JU
 Sample : N3777-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-06-071922

Quant Time: Jul 21 01:26:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	25546	20.000	ng	0.00
21) Naphthalene-d8	10.809	136	93929	20.000	ng	# 0.00
39) Acenaphthene-d10	14.634	164	66912	20.000	ng	0.00
64) Phenanthrene-d10	17.378	188	153674	20.000	ng	# 0.00
76) Chrysene-d12	21.655	240	172068	20.000	ng	# 0.01
86) Perylene-d12	24.863	264	180652	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.574	112	19115	15.623	ng	0.00
7) Phenol-d6	7.184	99	25235	15.052	ng	0.01
23) Nitrobenzene-d5	9.158	82	16998	9.855	ng	0.00
42) 2,4,6-Tribromophenol	16.126	330	20549	14.627	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	51145	10.783	ng	0.00
79) Terphenyl-d14	20.004	244	99772	11.503	ng	0.02

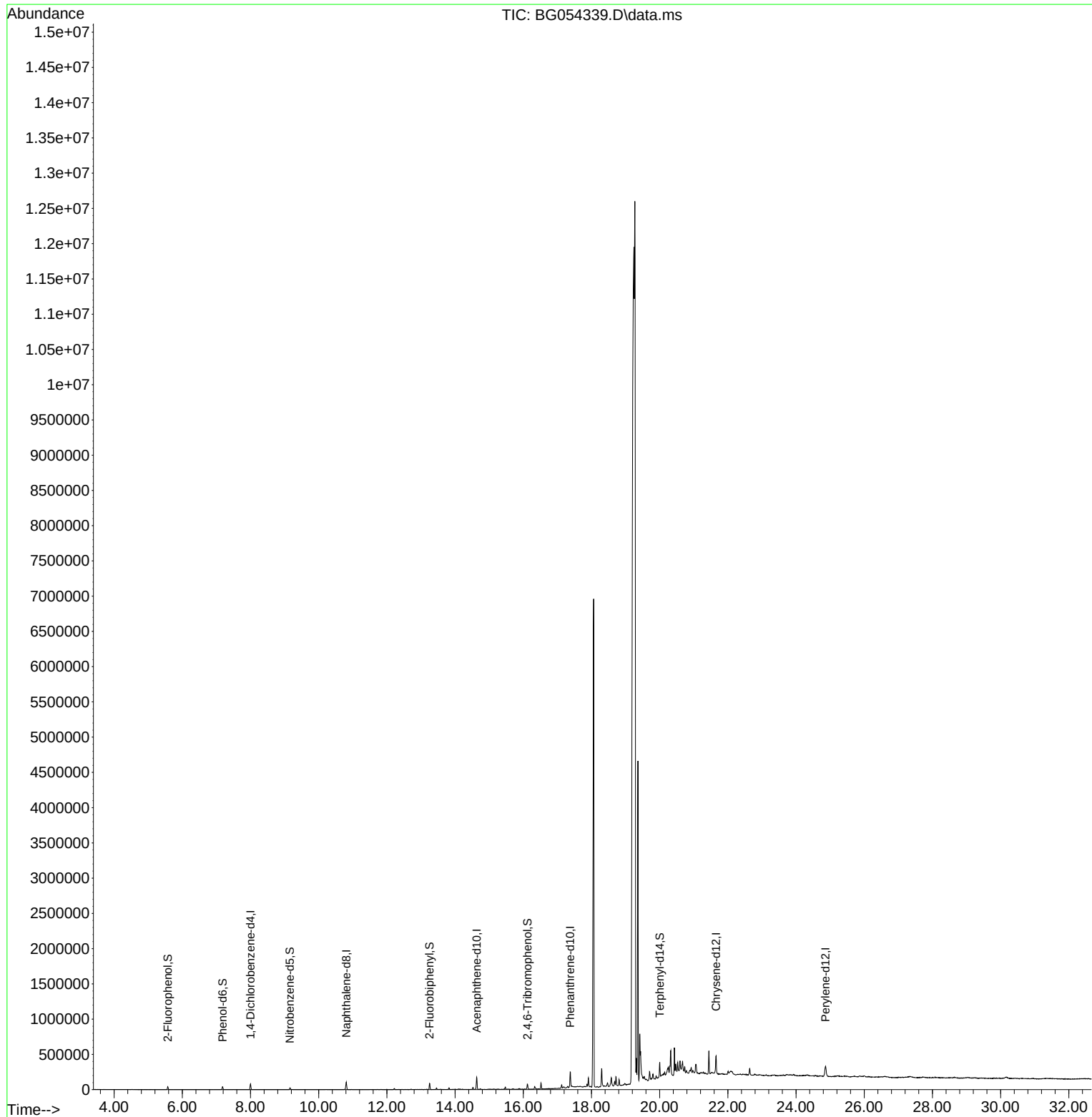
Target Compounds	Qvalue

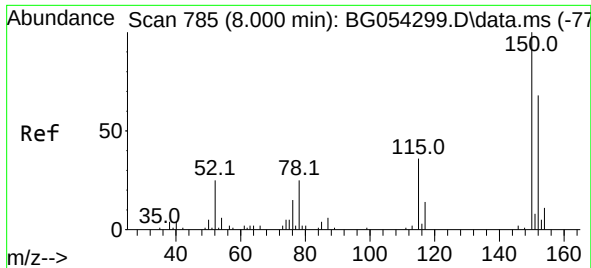
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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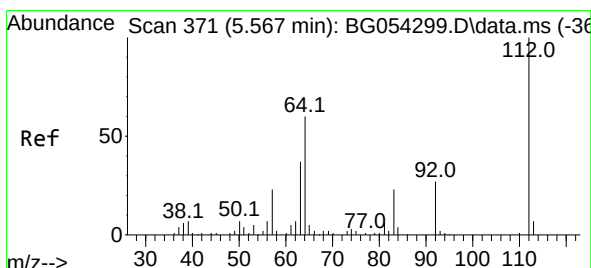
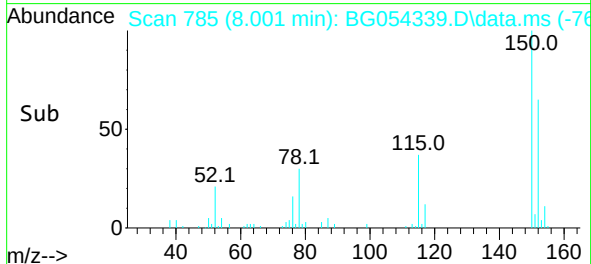
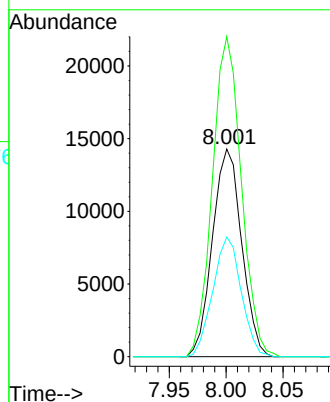
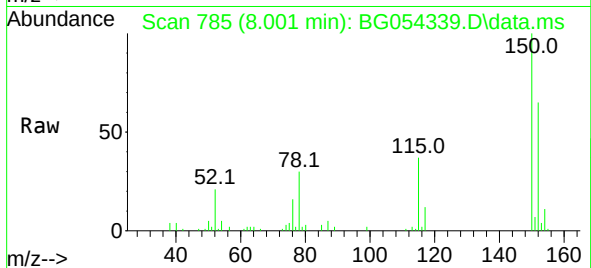




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.001 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

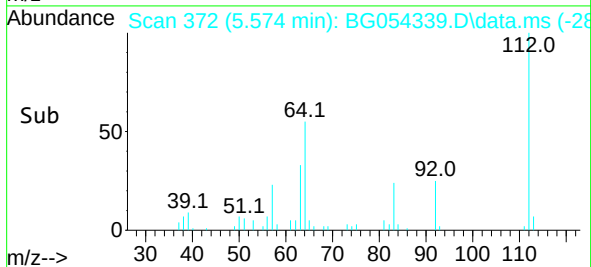
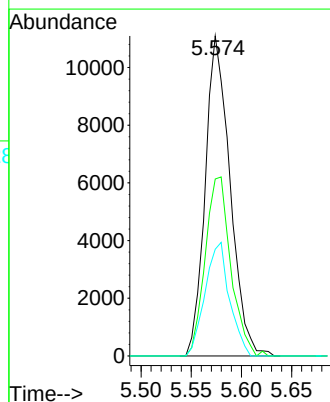
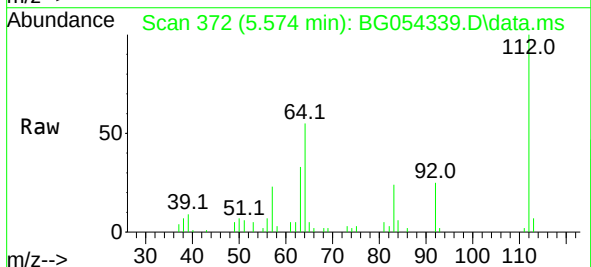
Instrument :
BNA_G
ClientSampleId :
TR-06-071922

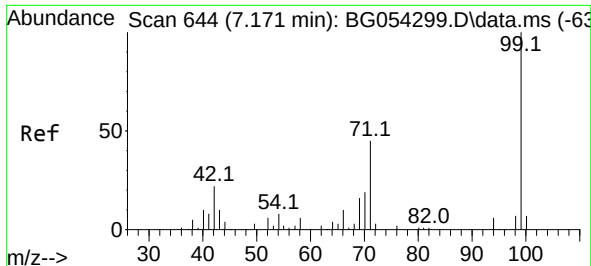
Tgt Ion:152 Resp: 25546
Ion Ratio Lower Upper
152 100
150 154.1 131.6 197.4
115 57.6 50.9 76.3



#5
2-Fluorophenol
Concen: 15.623 ng
RT: 5.574 min Scan# 372
Delta R.T. 0.007 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

Tgt Ion:112 Resp: 19115
Ion Ratio Lower Upper
112 100
64 55.3 55.1 82.7
63 33.3 30.4 45.6

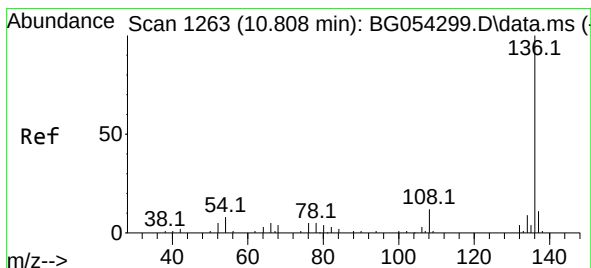
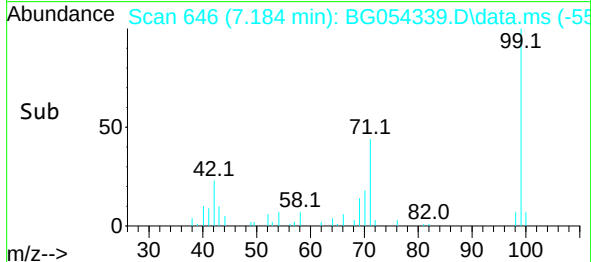
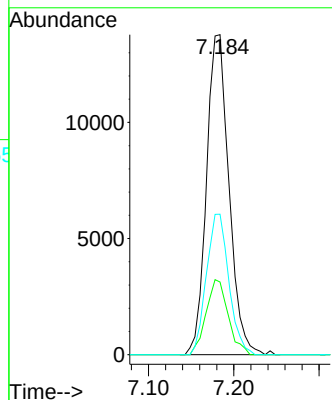
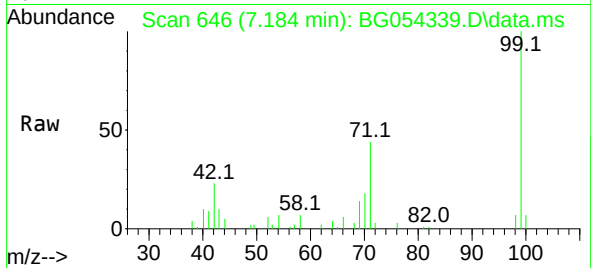




#7
Phenol-d6
Concen: 15.052 ng
RT: 7.184 min Scan# 64
Delta R.T. 0.012 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

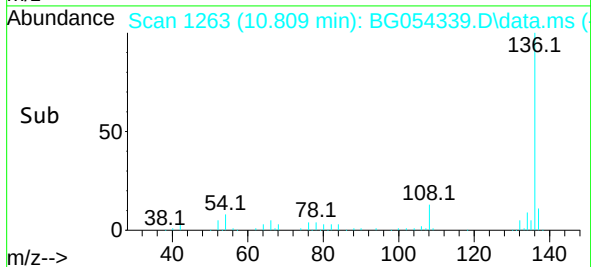
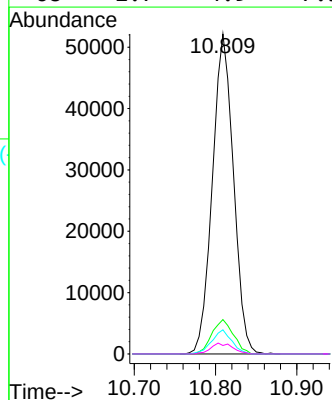
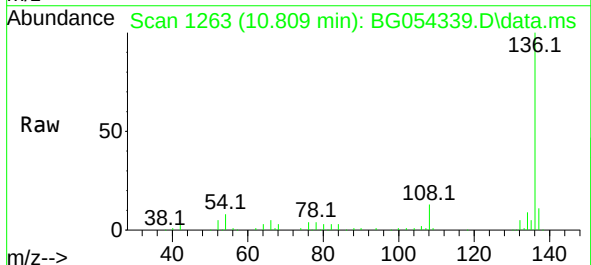
Instrument :
BNA_G
ClientSampleId :
TR-06-071922

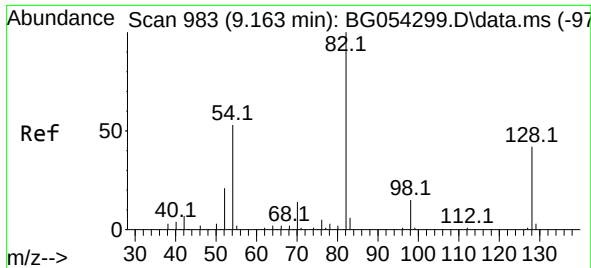
Tgt Ion: 99 Resp: 25235
Ion Ratio Lower Upper
99 100
42 22.7 17.0 25.6
71 43.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.809 min Scan# 1263
Delta R.T. 0.001 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

Tgt Ion: 136 Resp: 93929
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.5 7.4 11.2
68 2.7 4.9 7.3#

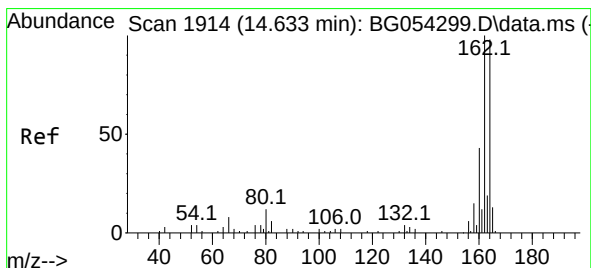
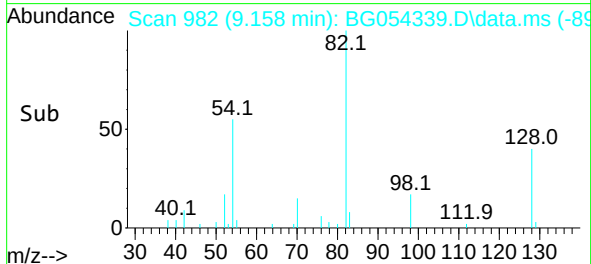
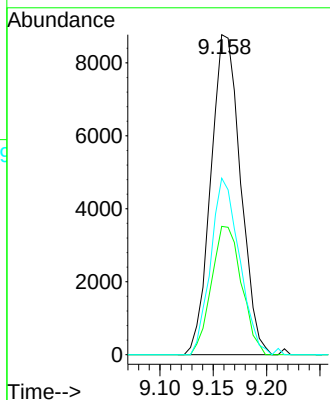
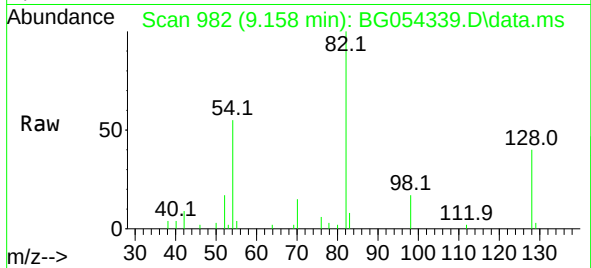




#23
Nitrobenzene-d5
Concen: 9.855 ng
RT: 9.158 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

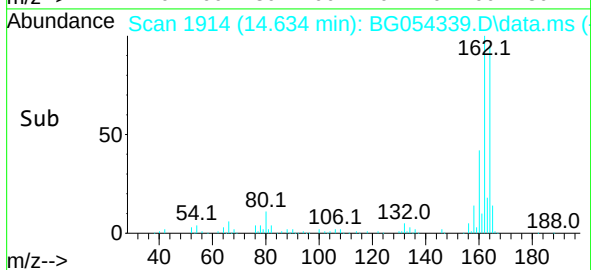
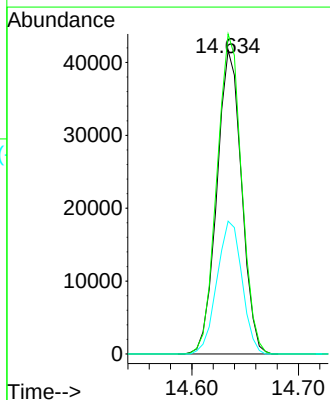
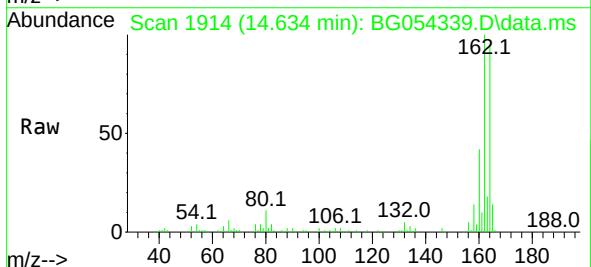
Instrument :
BNA_G
ClientSampleId :
TR-06-071922

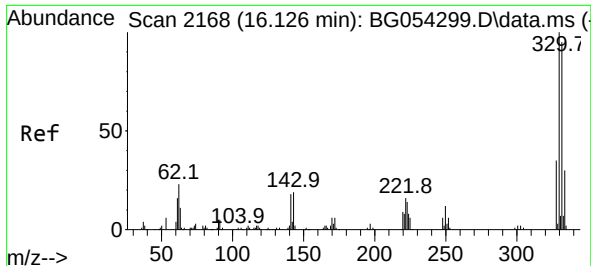
Tgt Ion:	82	Resp:	16998
Ion Ratio	Lower	Upper	
82	100		
128	40.1	27.9	41.9
54	55.1	41.2	61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.634 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

Tgt Ion:	164	Resp:	66912
Ion Ratio	Lower	Upper	
164	100		
162	105.4	82.3	123.5
160	43.7	34.2	51.2

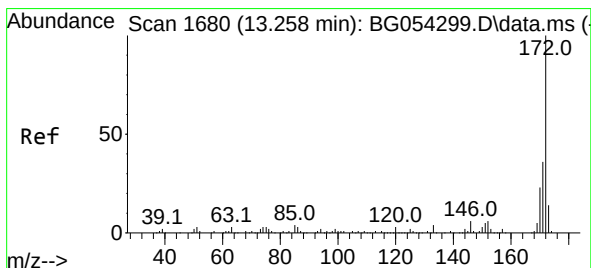
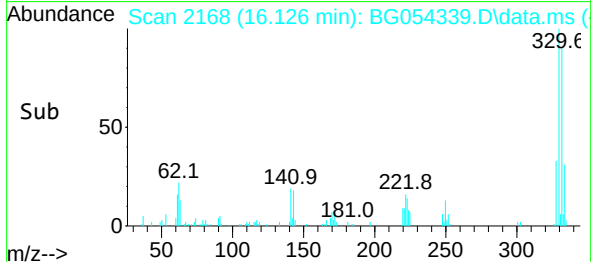
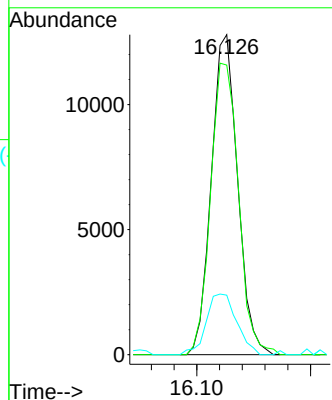
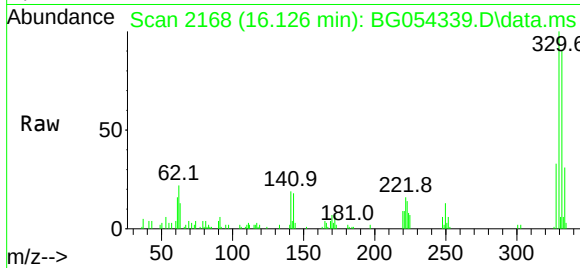




#42
2,4,6-Tribromophenol
Concen: 14.627 ng
RT: 16.126 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

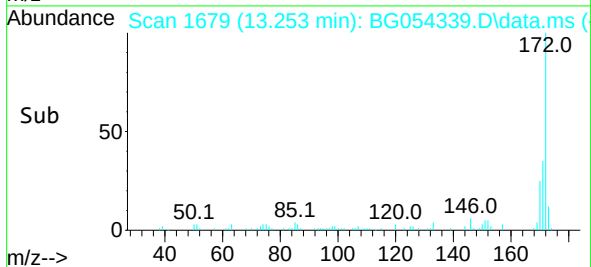
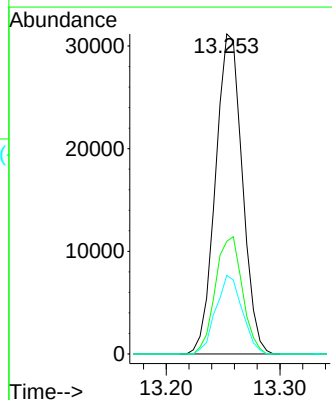
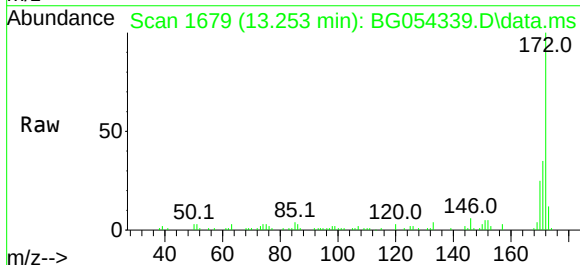
Instrument :
BNA_G
ClientSampleId :
TR-06-071922

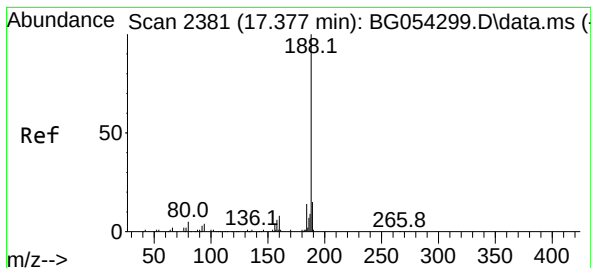
Tgt Ion:330 Resp: 20549
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 21.9 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 10.783 ng
RT: 13.253 min Scan# 1679
Delta R.T. -0.005 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

Tgt Ion:172 Resp: 51145
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.378 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG054339.D

Acq: 20 Jul 2022 23:03

Instrument :

BNA_G

ClientSampleId :

TR-06-071922

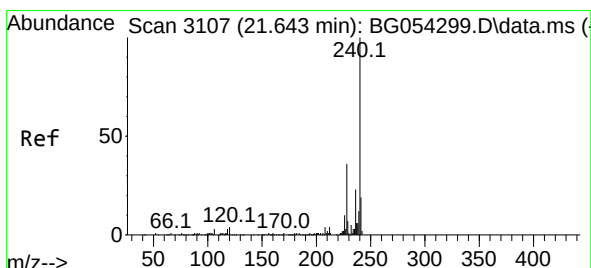
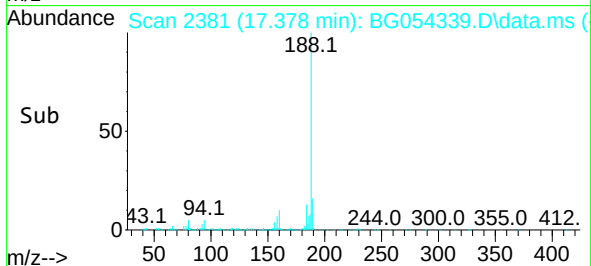
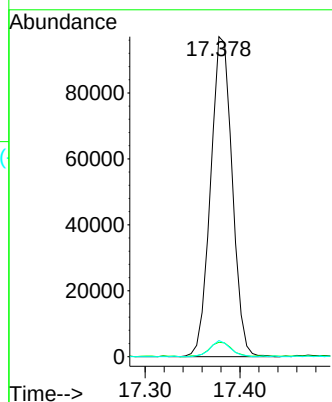
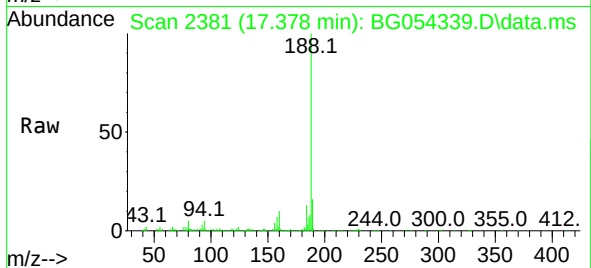
Tgt Ion:188 Resp: 153674

Ion Ratio Lower Upper

188 100

94 4.5 5.4 8.0#

80 5.1 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.655 min Scan# 3109

Delta R.T. 0.012 min

Lab File: BG054339.D

Acq: 20 Jul 2022 23:03

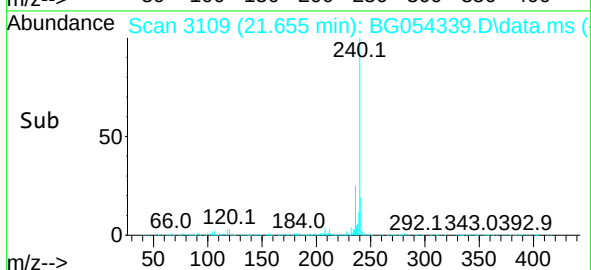
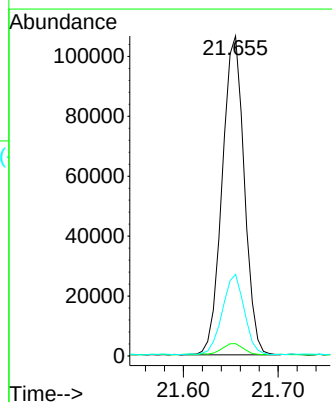
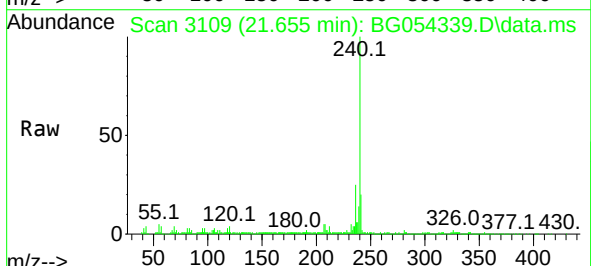
Tgt Ion:240 Resp: 172068

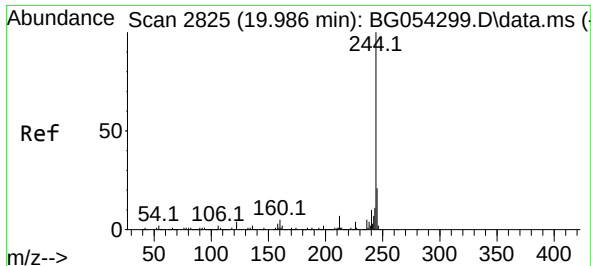
Ion Ratio Lower Upper

240 100

120 3.8 4.6 7.0#

236 25.5 20.2 30.4

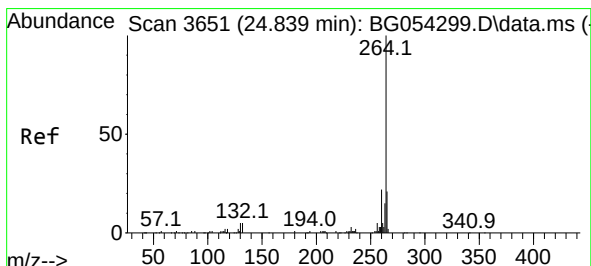
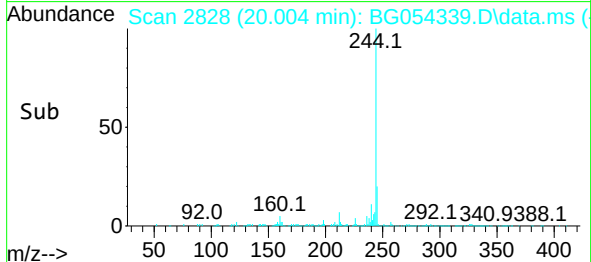
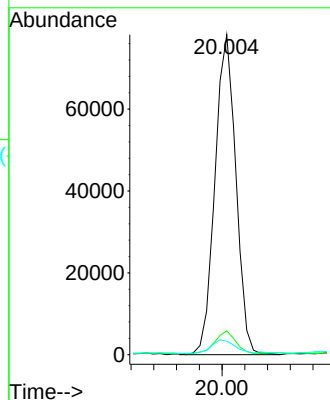
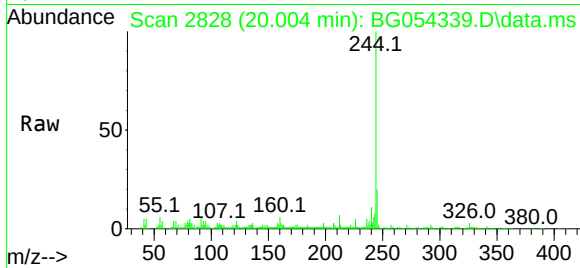




#79
 Terphenyl-d14
 Concen: 11.503 ng
 RT: 20.004 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BG054339.D
 Acq: 20 Jul 2022 23:03

Instrument :
 BNA_G
 ClientSampleId :
 TR-06-071922

Tgt Ion:244 Resp: 99772
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 4.3 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.863 min Scan# 3655
 Delta R.T. 0.024 min
 Lab File: BG054339.D
 Acq: 20 Jul 2022 23:03

Tgt Ion:264 Resp: 180652
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 23.3 17.4 26.2

