

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052815.D
 Acq On : 24 Mar 2022 19:00
 Operator : CG/JU
 Sample : N2090-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-50D

Quant Time: Mar 25 03:19:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	24738	20.000	ng	0.00
21) Naphthalene-d8	10.955	136	105611	20.000	ng	# 0.00
39) Acenaphthene-d10	14.761	164	84297	20.000	ng	0.00
64) Phenanthrene-d10	17.505	188	216536	20.000	ng	0.00
76) Chrysene-d12	21.793	240	240916	20.000	ng	0.00
86) Perylene-d12	25.106	264	248010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	105431	74.222	ng	0.00
7) Phenol-d6	7.289	99	101521	47.406	ng	0.00
23) Nitrobenzene-d5	9.298	82	257958	122.591	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	219303	193.607	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	584201	102.211	ng	0.00
79) Terphenyl-d14	20.107	244	1250465	92.330	ng	0.00

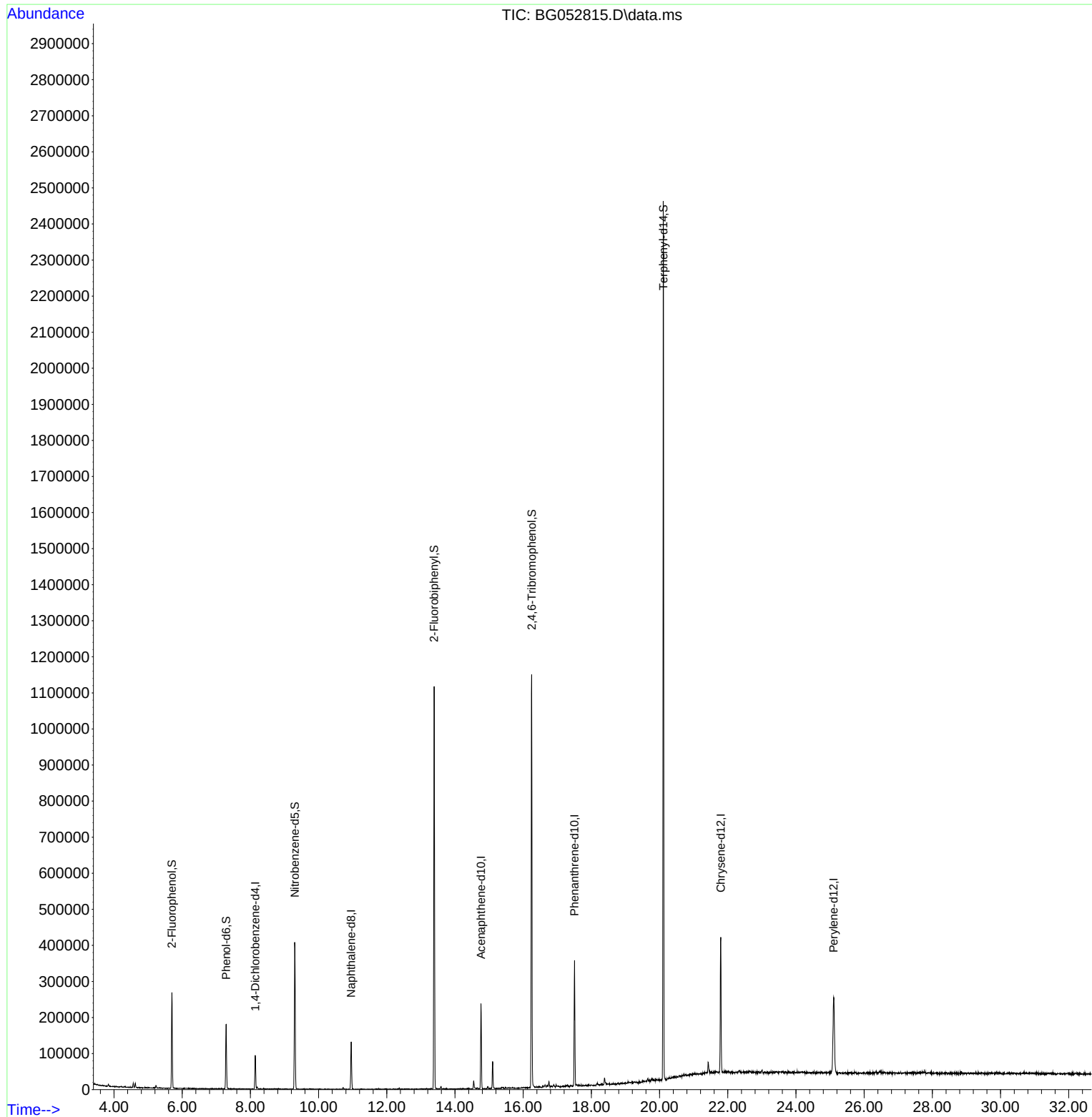
Target Compounds	Qvalue

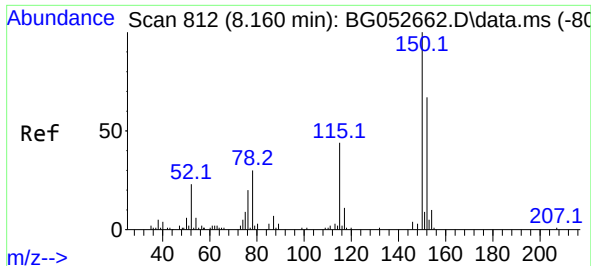
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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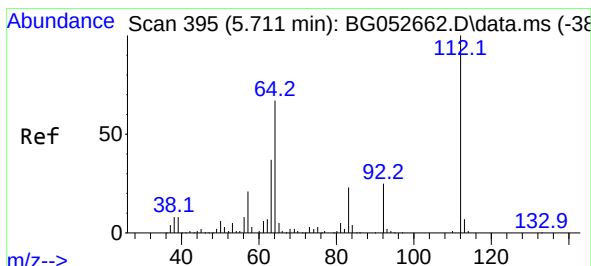
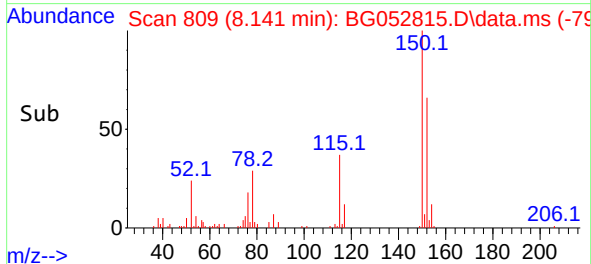
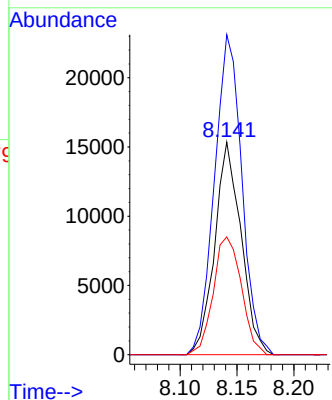
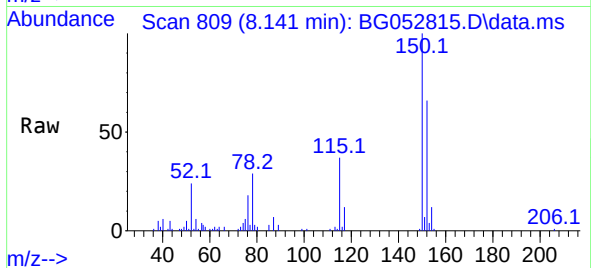




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.141 min Scan# 809
Delta R.T. -0.005 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

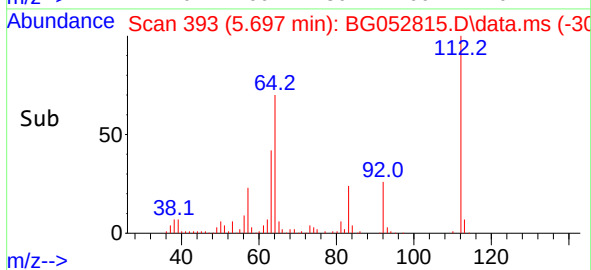
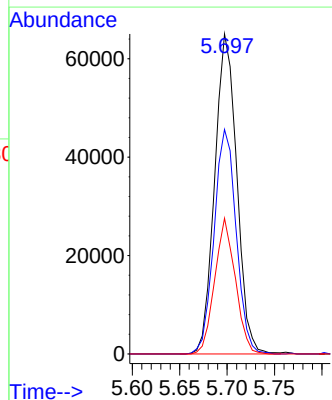
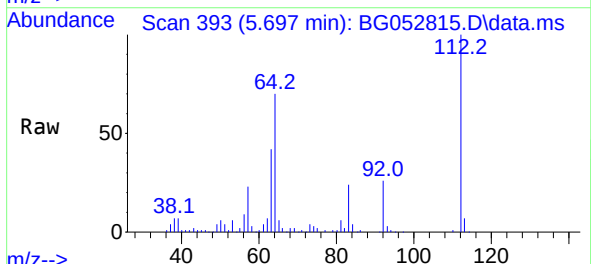
Instrument :
BNA_G
ClientSampleId :
MW-50D

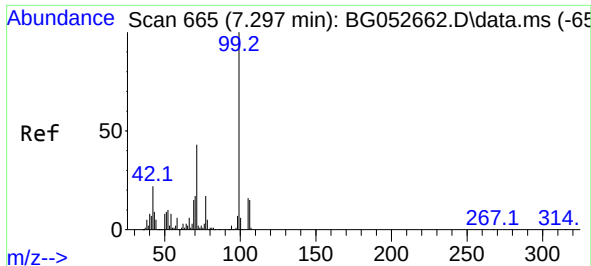
Tgt Ion:152 Resp: 24738
Ion Ratio Lower Upper
152 100
150 150.5 114.6 172.0
115 55.4 45.9 68.9



#5
2-Fluorophenol
Concen: 74.222 ng
RT: 5.697 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

Tgt Ion:112 Resp: 105431
Ion Ratio Lower Upper
112 100
64 70.2 48.0 72.0
63 42.4 26.5 39.7#

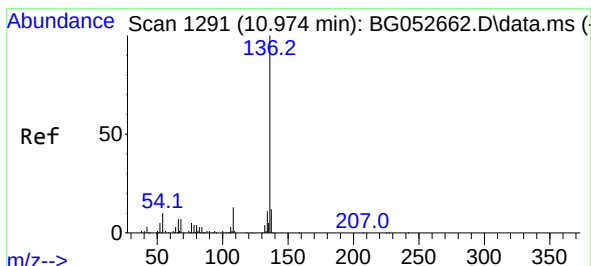
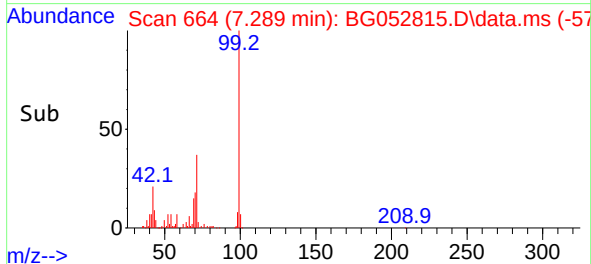
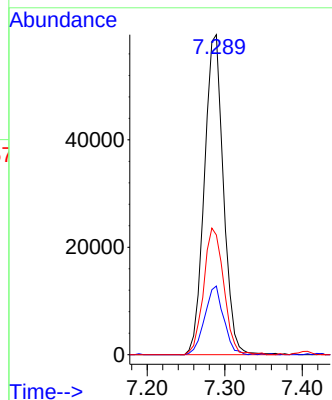
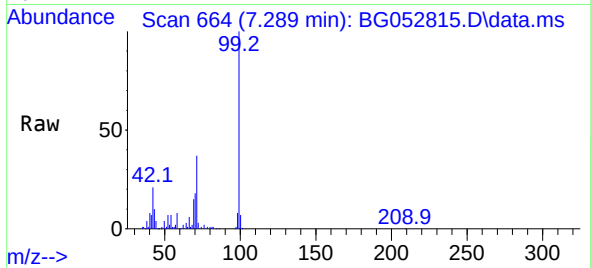




#7
Phenol-d6
Concen: 47.406 ng
RT: 7.289 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

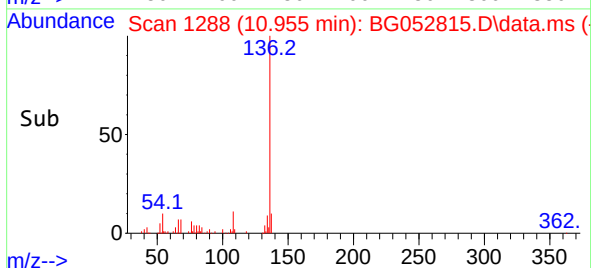
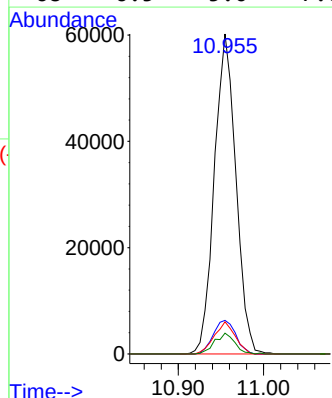
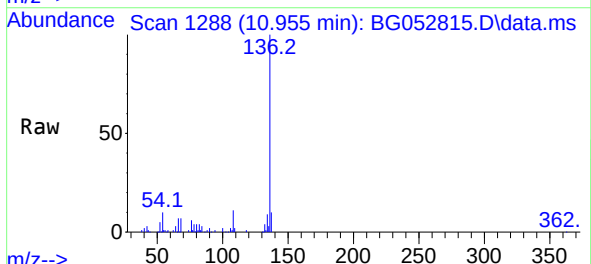
Instrument :
BNA_G
ClientSampleId :
MW-50D

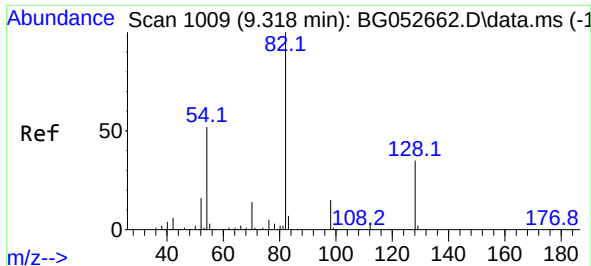
Tgt Ion: 99 Resp: 101521
Ion Ratio Lower Upper
99 100
42 21.4 14.7 22.1
71 37.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.955 min Scan# 1288
Delta R.T. -0.005 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

Tgt Ion:136 Resp: 105611
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 10.1 6.4 9.6#
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 122.591 ng

RT: 9.298 min Scan# 1006

Delta R.T. -0.005 min

Lab File: BG052815.D

Acq: 24 Mar 2022 19:00

Instrument :

BNA_G

ClientSampleId :

MW-50D

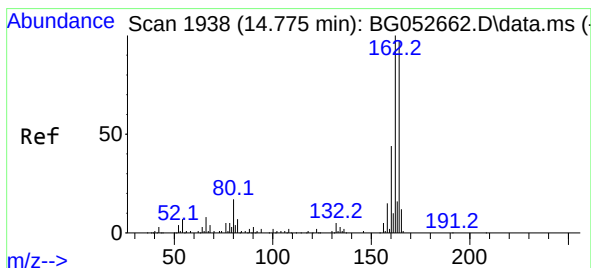
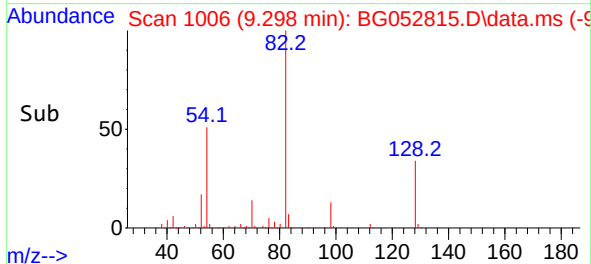
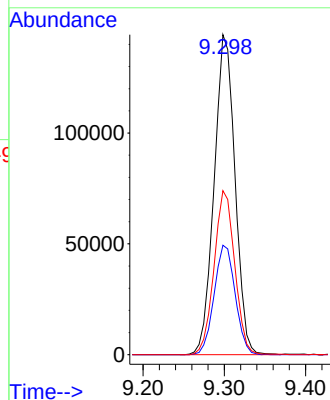
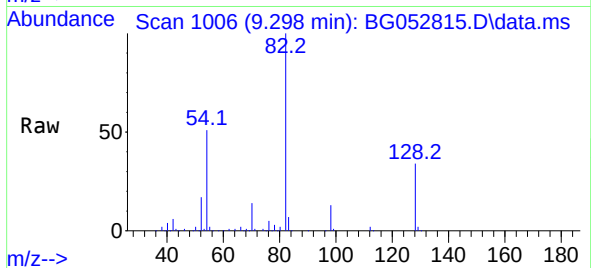
Tgt Ion: 82 Resp: 257958

Ion Ratio Lower Upper

82 100

128 34.2 31.3 46.9

54 51.3 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.761 min Scan# 1936

Delta R.T. -0.005 min

Lab File: BG052815.D

Acq: 24 Mar 2022 19:00

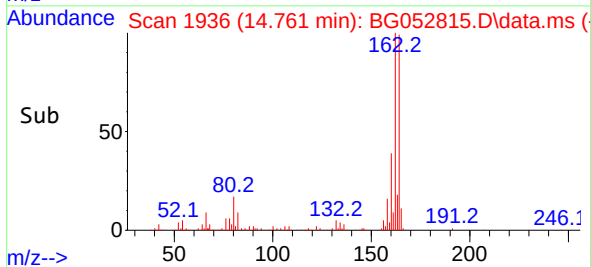
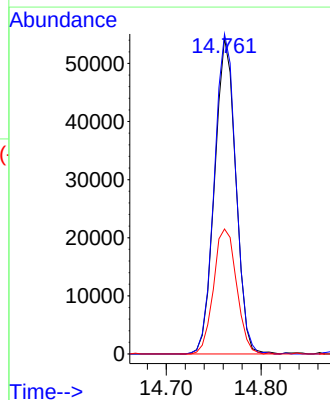
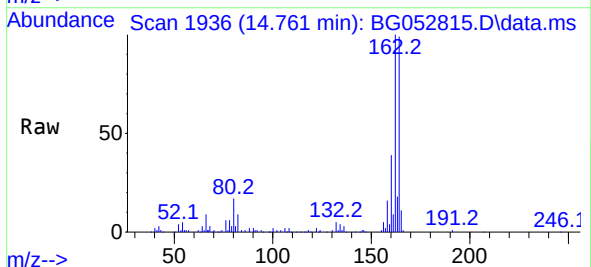
Tgt Ion: 164 Resp: 84297

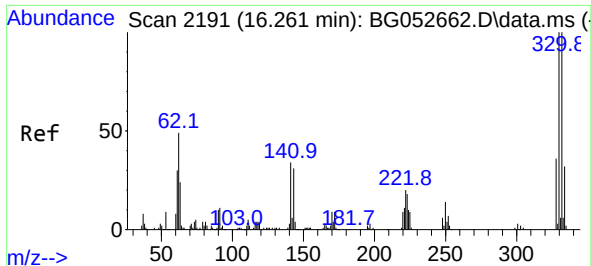
Ion Ratio Lower Upper

164 100

162 101.3 80.0 120.0

160 39.6 38.8 58.2

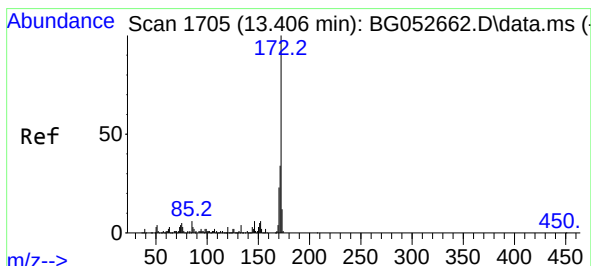
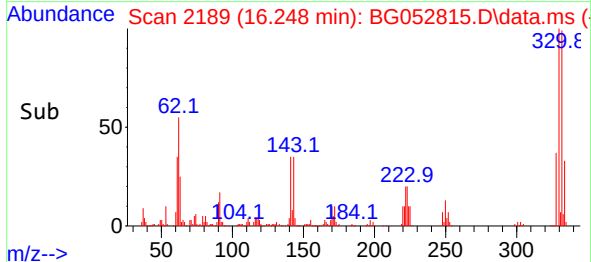
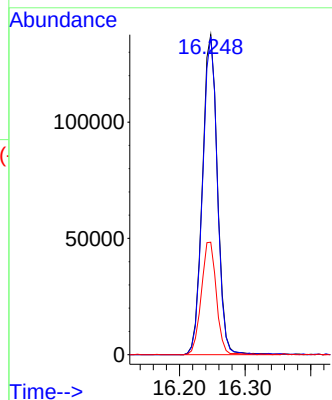
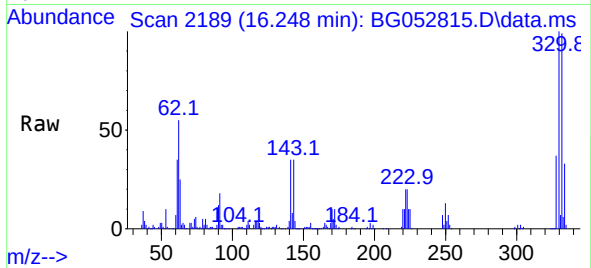




#42
2,4,6-Tribromophenol
Concen: 193.607 ng
RT: 16.248 min Scan# 2193
Delta R.T. 0.001 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

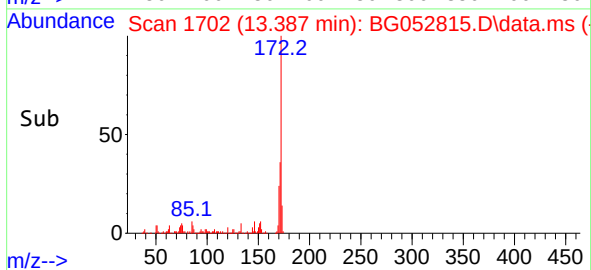
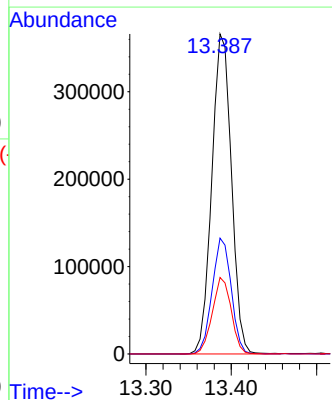
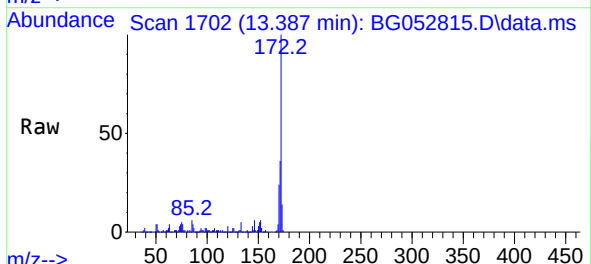
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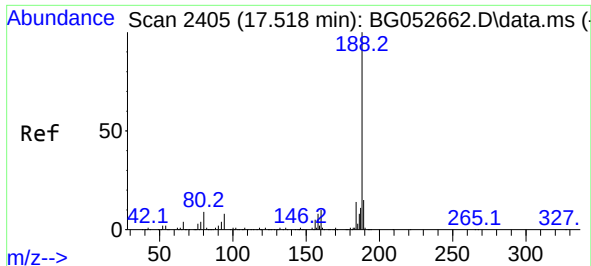
Tgt Ion:330 Resp: 219303
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 35.2 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 102.211 ng
RT: 13.387 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

Tgt Ion:172 Resp: 584201
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.9 18.0 27.0

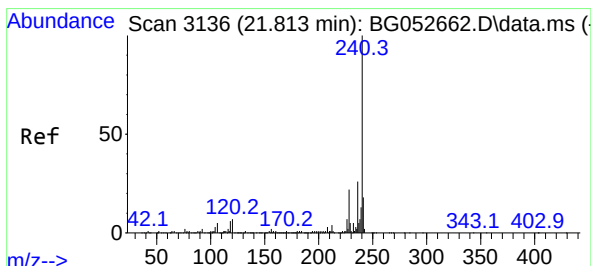
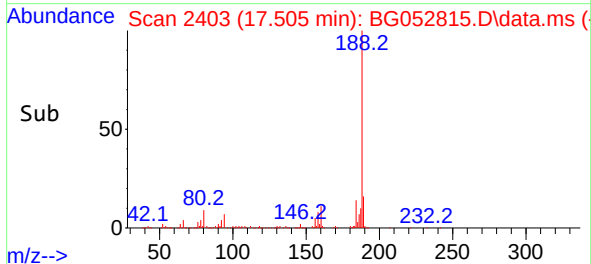
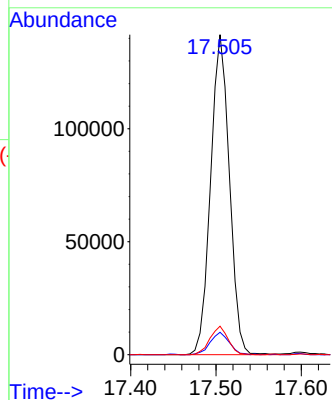
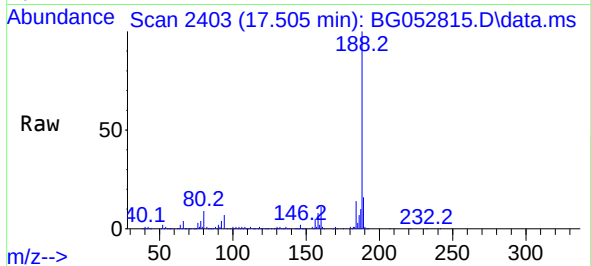




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.505 min Scan# 2405
Delta R.T. 0.001 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

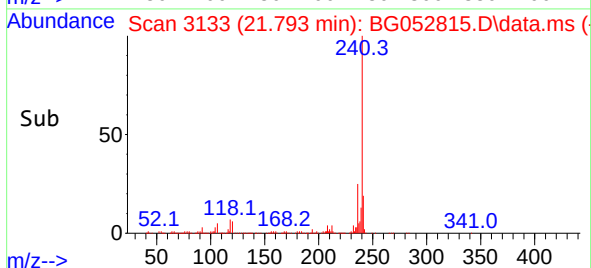
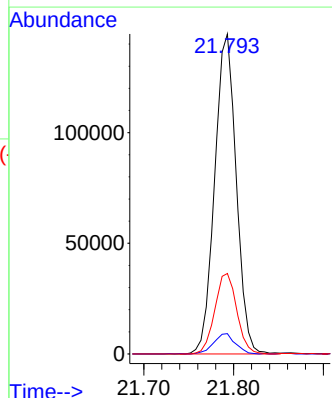
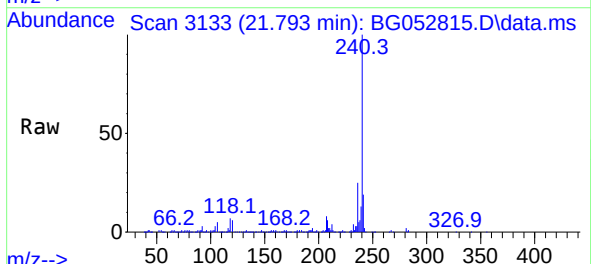
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BNA_G
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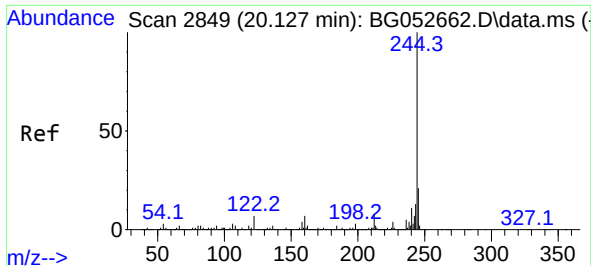
Tgt Ion:188 Resp: 216536
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.793 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG052815.D
Acq: 24 Mar 2022 19:00

Tgt Ion:240 Resp: 240916
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 25.2 19.8 29.6

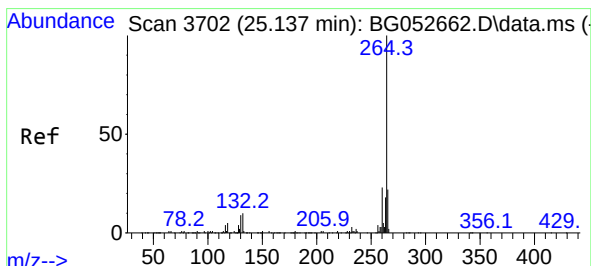
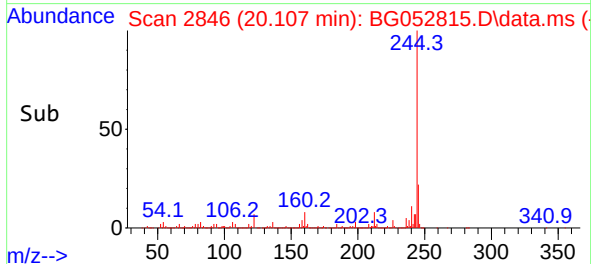
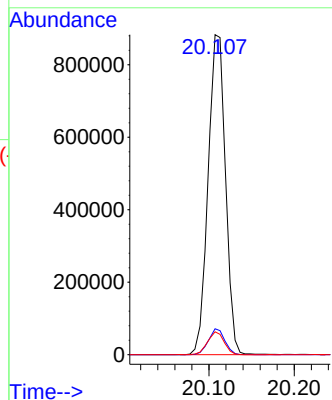
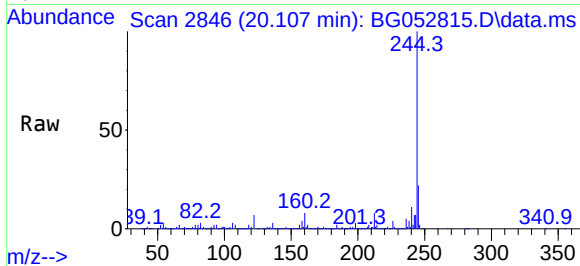




#79
 Terphenyl-d14
 Concen: 92.330 ng
 RT: 20.107 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG052815.D
 Acq: 24 Mar 2022 19:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-50D

Tgt Ion:244 Resp: 1250465
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 7.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.106 min Scan# 3697
 Delta R.T. -0.005 min
 Lab File: BG052815.D
 Acq: 24 Mar 2022 19:00

Tgt Ion:264 Resp: 248010
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.6 15.1 22.7

