

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
 Data File : BG052651.D
 Acq On : 11 Mar 2022 17:36
 Operator : CG/JU
 Sample : N1867-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-030922

Quant Time: Mar 12 06:16:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 06:37:54 2022
 Response via : Initial Calibration

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

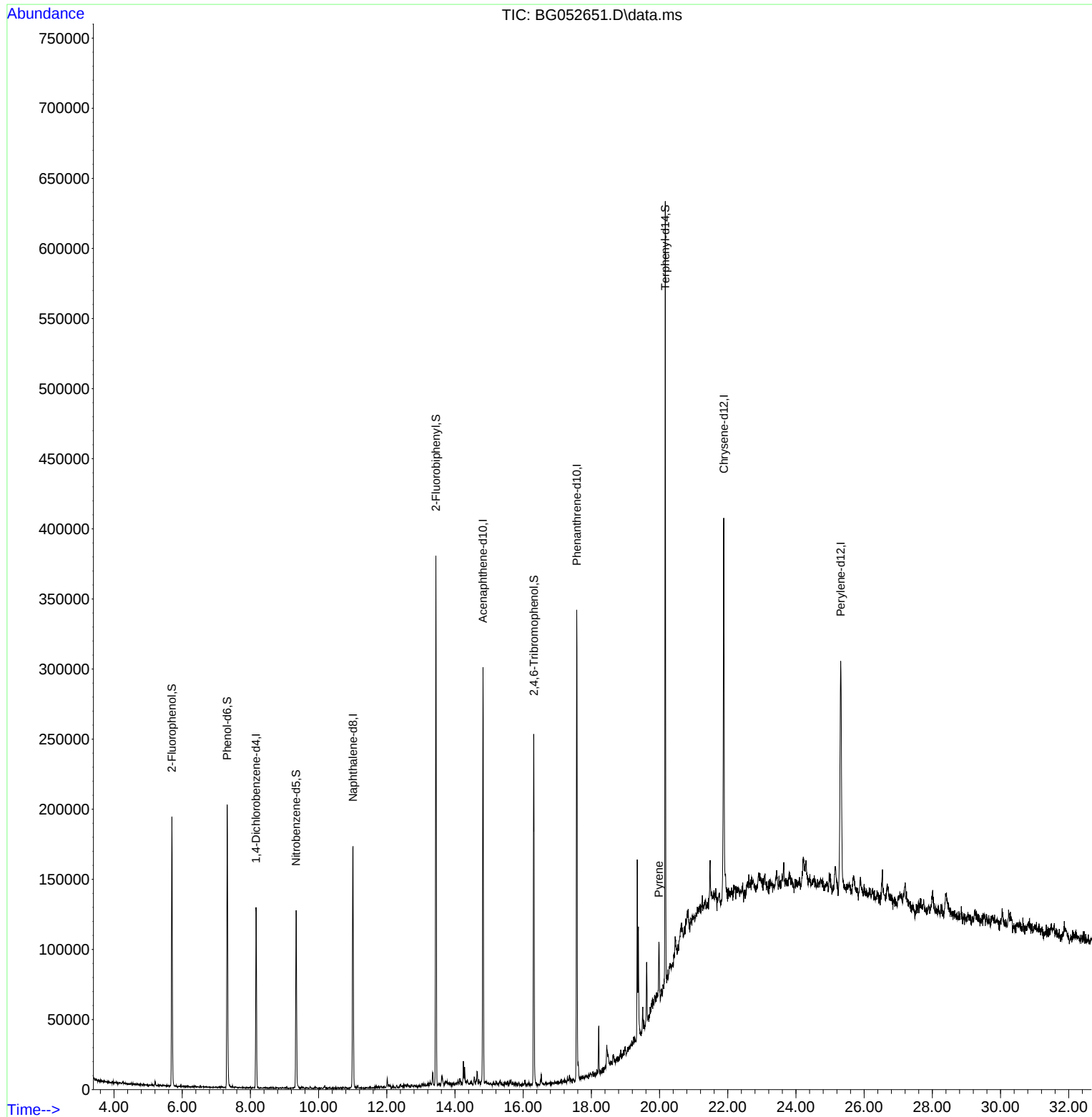
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.166	152	38785	20.000	ng	-0.01
21) Naphthalene-d8	11.009	136	156368	20.000	ng	0.00
39) Acenaphthene-d10	14.822	164	102759	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	209911	20.000	ng	0.00
76) Chrysene-d12	21.883	240	175618	20.000	ng	0.00
86) Perylene-d12	25.313	264	184366	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	87976	39.186	ng	0.00
7) Phenol-d6	7.320	99	126190	38.836	ng	0.00
23) Nitrobenzene-d5	9.341	82	84723	24.562	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	56917	39.054	ng	0.00
45) 2-Fluorobiphenyl	13.441	172	205383	26.977	ng	0.00
79) Terphenyl-d14	20.167	244	278457	28.058	ng	0.00
Target Compounds						
78) Pyrene	19.979	202	24695	2.104	ng	Qvalue 96

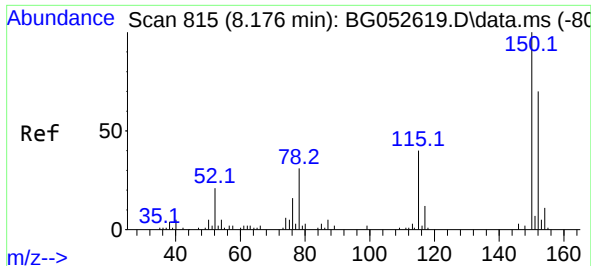
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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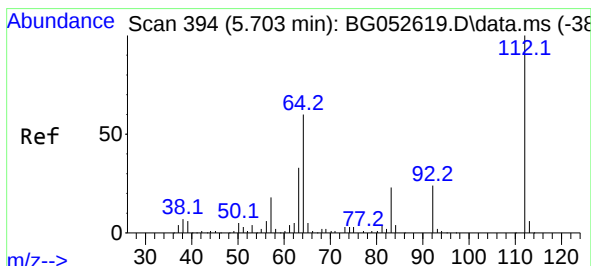
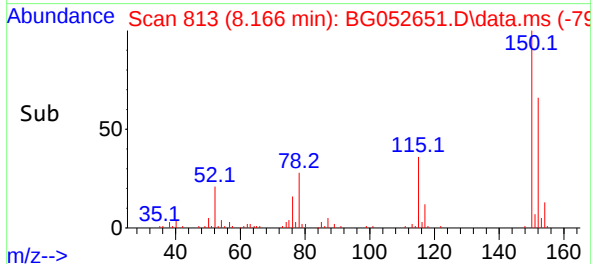
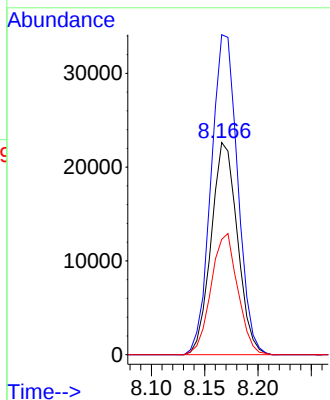
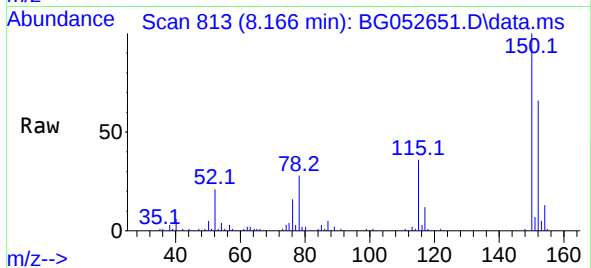




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.166 min Scan# 815
Delta R.T. -0.010 min
Lab File: BG052651.D
Acq: 11 Mar 2022 17:36

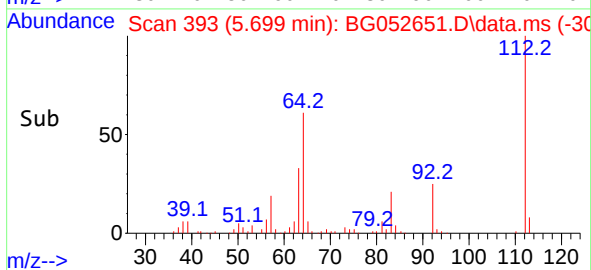
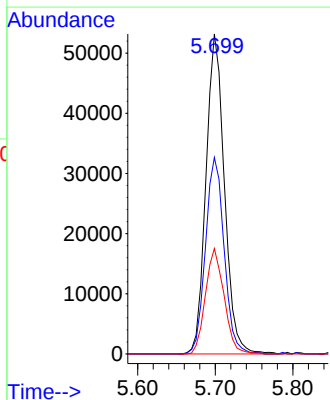
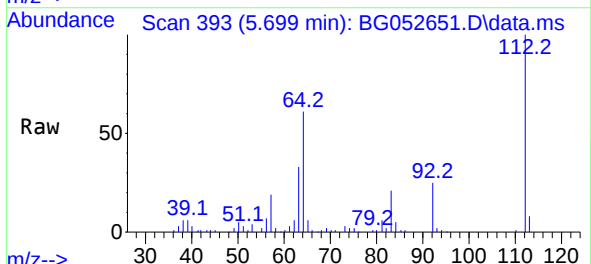
Instrument :
BNA_G
ClientSampleId :
HD-01-030922

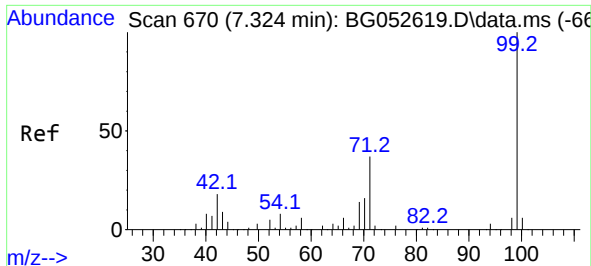
Tgt Ion:152 Resp: 38785
Ion Ratio Lower Upper
152 100
150 150.8 114.6 172.0
115 54.4 45.9 68.9



#5
2-Fluorophenol
Concen: 39.186 ng
RT: 5.699 min Scan# 393
Delta R.T. -0.004 min
Lab File: BG052651.D
Acq: 11 Mar 2022 17:36

Tgt Ion:112 Resp: 87976
Ion Ratio Lower Upper
112 100
64 61.4 48.0 72.0
63 33.0 26.5 39.7

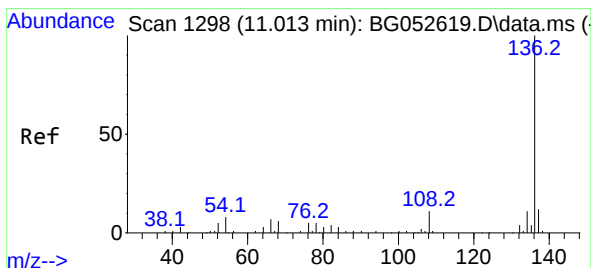
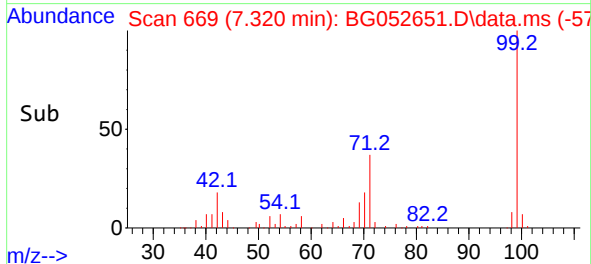
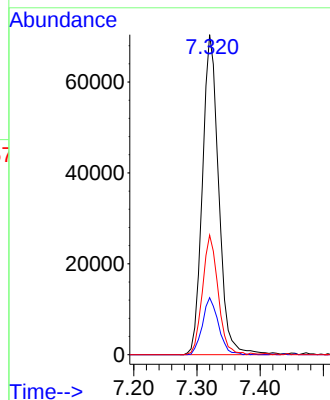
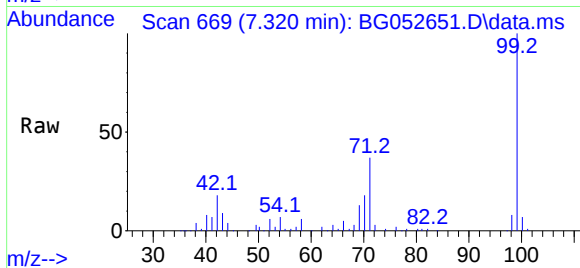




#7
Phenol-d6
Concen: 38.836 ng
RT: 7.320 min Scan# 609
Delta R.T. -0.004 min
Lab File: BG052651.D
Acq: 11 Mar 2022 17:36

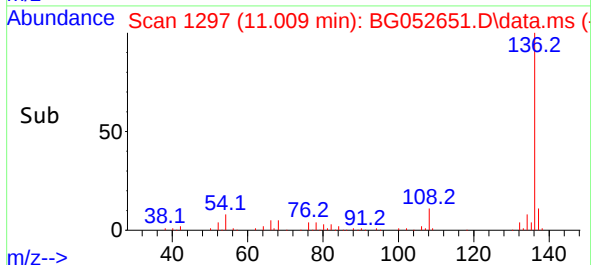
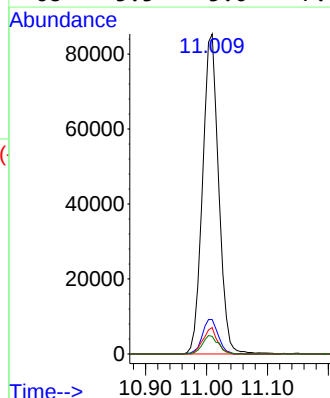
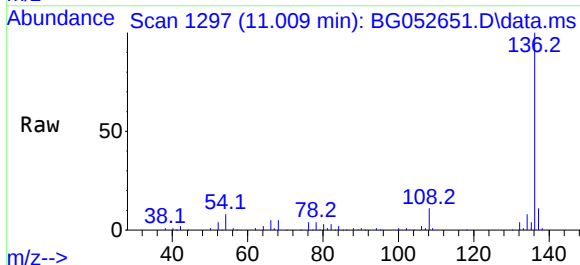
Instrument :
BNA_G
ClientSampleId :
HD-01-030922

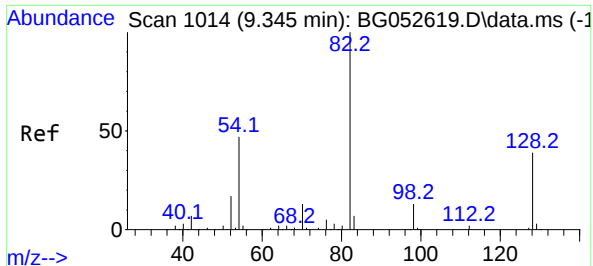
Tgt Ion: 99 Resp: 126190
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 37.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.009 min Scan# 1297
Delta R.T. -0.004 min
Lab File: BG052651.D
Acq: 11 Mar 2022 17:36

Tgt Ion: 136 Resp: 156368
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.2
54 8.2 6.4 9.6
68 5.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 24.562 ng

RT: 9.341 min Scan# 1014

Delta R.T. -0.004 min

Lab File: BG052651.D

Acq: 11 Mar 2022 17:36

Instrument :

BNA_G

ClientSampleId :

HD-01-030922

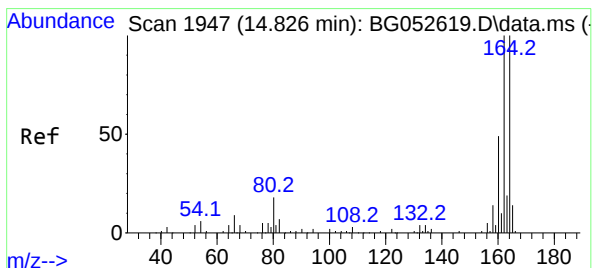
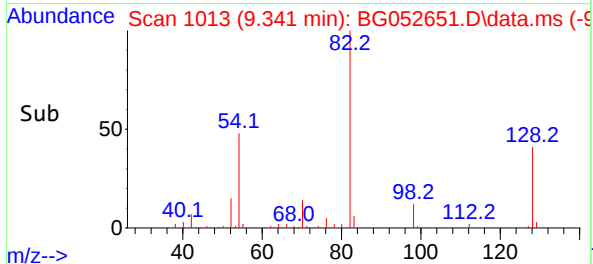
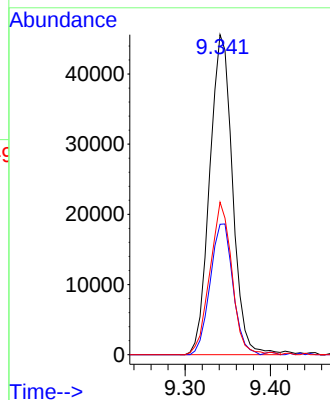
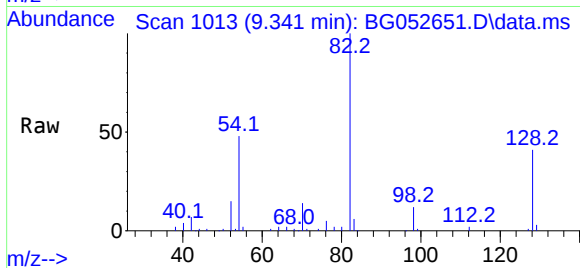
Tgt Ion: 82 Resp: 84723

Ion Ratio Lower Upper

82 100

128 40.7 31.3 46.9

54 47.7 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.822 min Scan# 1946

Delta R.T. -0.004 min

Lab File: BG052651.D

Acq: 11 Mar 2022 17:36

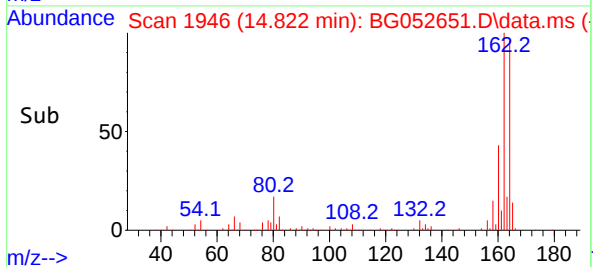
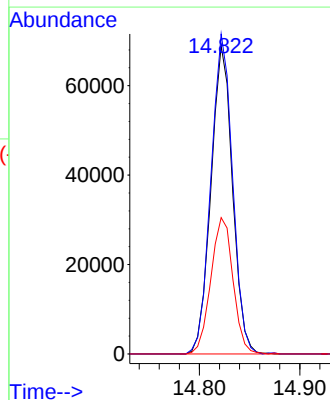
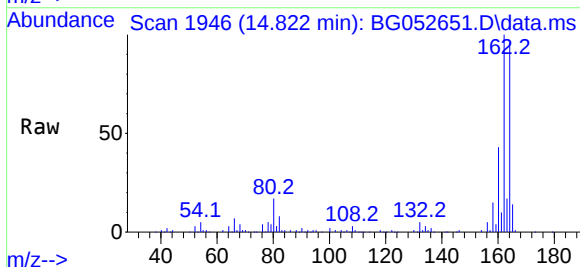
Tgt Ion:164 Resp: 102759

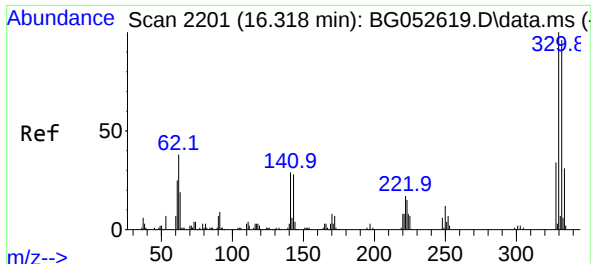
Ion Ratio Lower Upper

164 100

162 103.8 80.0 120.0

160 44.2 38.8 58.2

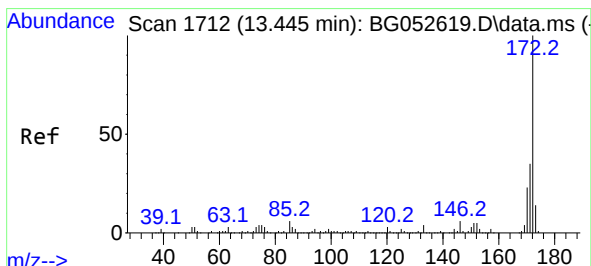
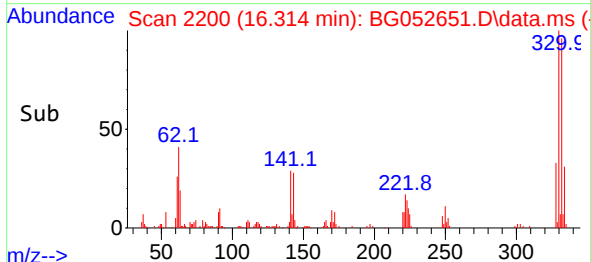
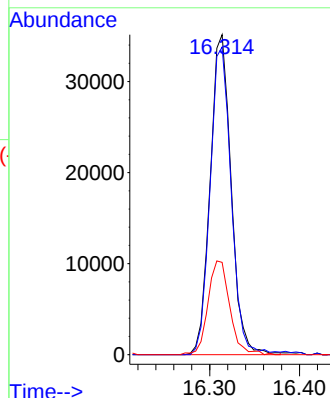
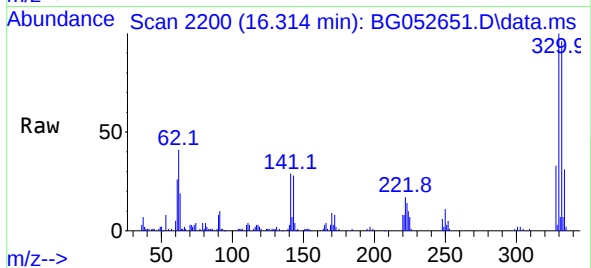




#42
2,4,6-Tribromophenol
Concen: 39.054 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG052651.D
Acq: 11 Mar 2022 17:36

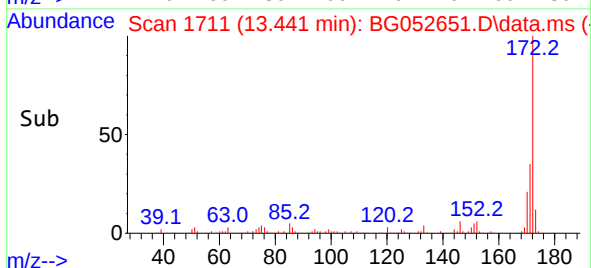
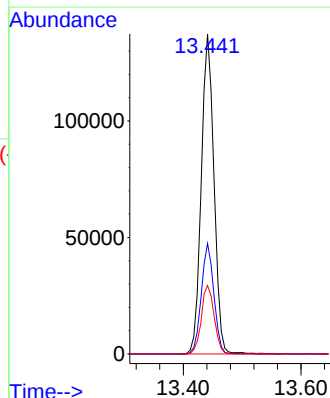
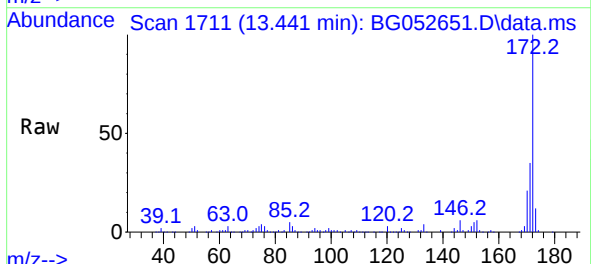
Instrument :
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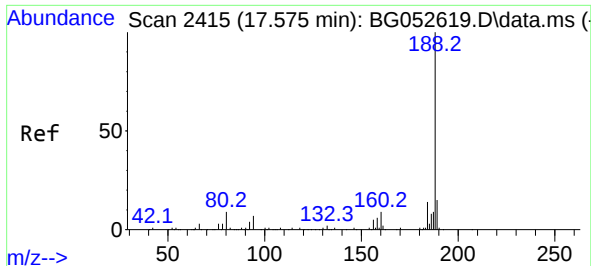
Tgt Ion:330 Resp: 56917
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 30.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 26.977 ng
RT: 13.441 min Scan# 1711
Delta R.T. -0.004 min
Lab File: BG052651.D
Acq: 11 Mar 2022 17:36

Tgt Ion:172 Resp: 205383
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 21.4 18.0 27.0

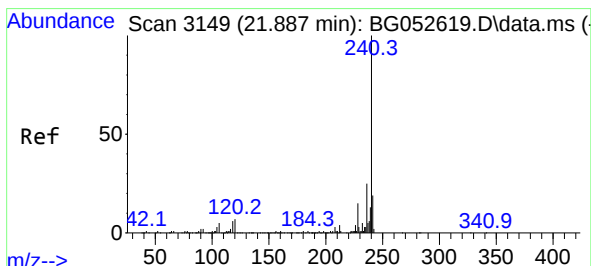
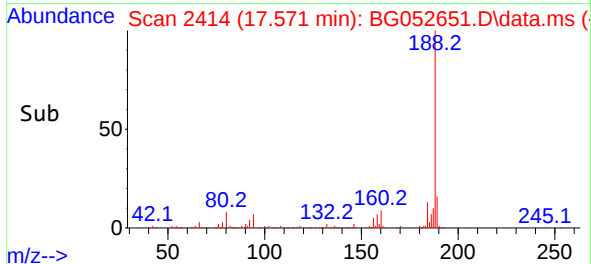
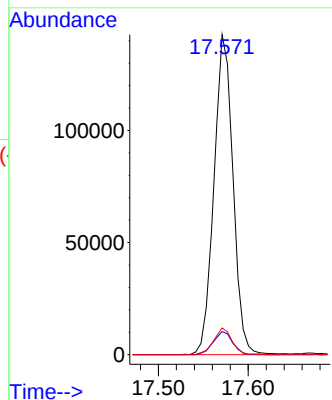
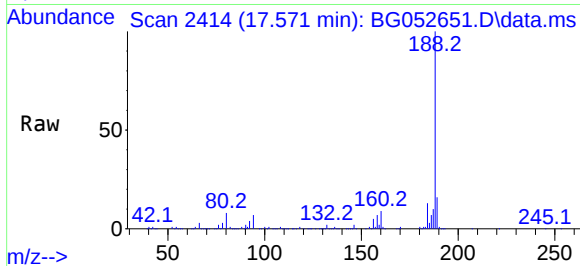




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2415
Delta R.T. -0.004 min
Lab File: BG052651.D
Acq: 11 Mar 2022 17:36

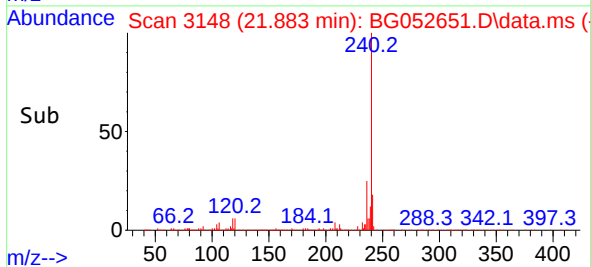
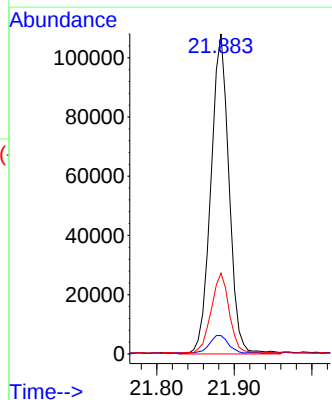
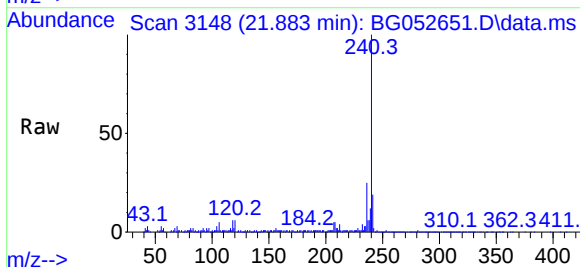
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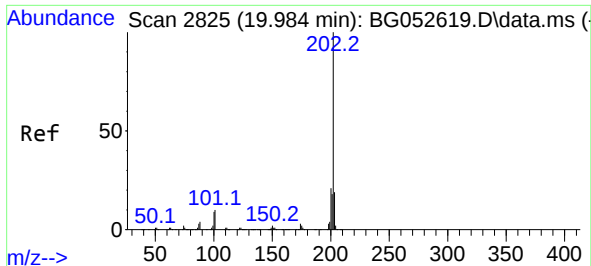
Tgt Ion:188 Resp: 209911
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG052651.D
Acq: 11 Mar 2022 17:36

Tgt Ion:240 Resp: 175618
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 25.3 19.8 29.6

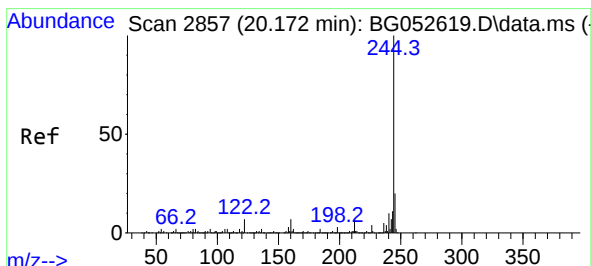
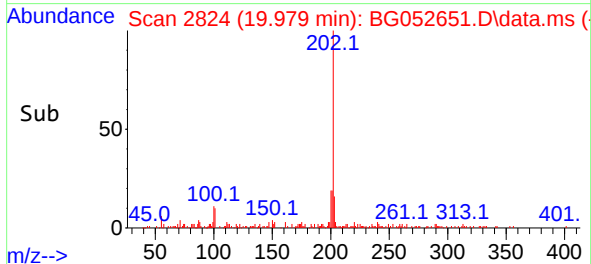
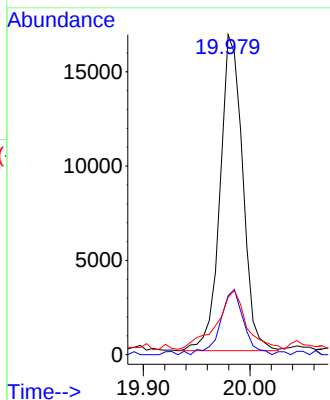
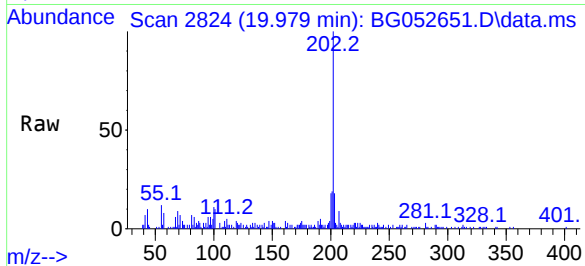




#78
 Pyrene
 Concen: 2.104 ng
 RT: 19.979 min Scan# 2824
 Delta R.T. -0.004 min
 Lab File: BG052651.D
 Acq: 11 Mar 2022 17:36

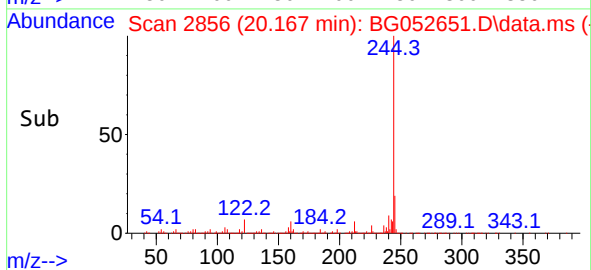
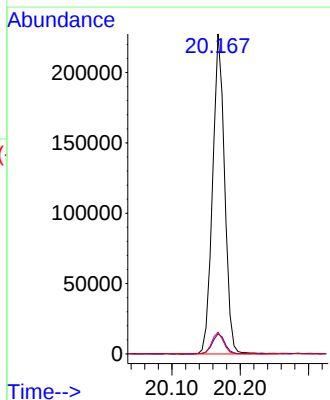
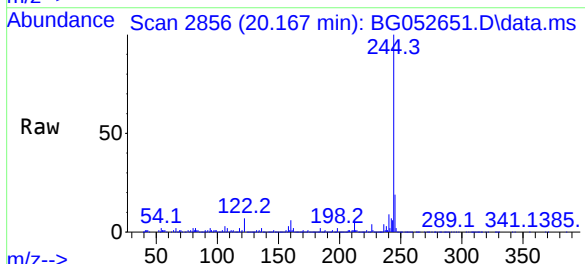
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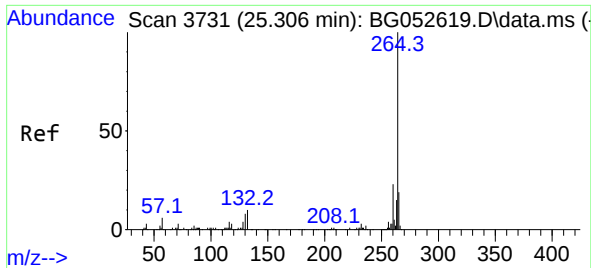
Tgt Ion:	202	Resp:	24695
Ion Ratio	Lower	Upper	
202	100		
200	18.4	17.0	25.6
203	17.9	15.0	22.6



#79
 Terphenyl-d14
 Concen: 28.058 ng
 RT: 20.167 min Scan# 2856
 Delta R.T. -0.004 min
 Lab File: BG052651.D
 Acq: 11 Mar 2022 17:36

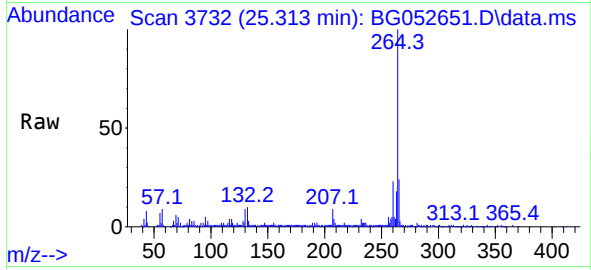
Tgt Ion:	244	Resp:	278457
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.4	8.2
122	6.8	5.8	8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.313 min Scan# 31
 Delta R.T. 0.008 min
 Lab File: BG052651.D
 Acq: 11 Mar 2022 17:36

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:264 Resp: 184366
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 23.8 15.1 22.7#

