

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040722\
 Data File : BG053074.D
 Acq On : 7 Apr 2022 15:15
 Operator : CG/JU
 Sample : N2237-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 A12040

Quant Time: Apr 08 07:22:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.131	152	75786	40.000	ng	0.00
21) Naphthalene-d8	10.939	136	298537	40.000	ng	# 0.00
39) Acenaphthene-d10	14.751	164	210734	40.000	ng	0.00
64) Phenanthrene-d10	17.495	188	452314	40.000	ng	0.00
76) Chrysene-d12	21.777	240	430790	40.000	ng	0.00
86) Perylene-d12	25.090	264	437452	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	207144	95.201	ng	0.00
7) Phenol-d6	7.285	99	303897	92.642	ng	0.00
23) Nitrobenzene-d5	9.288	82	222569	74.837	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	134104	94.716	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	489278	68.485	ng	0.00
79) Terphenyl-d14	20.097	244	739719	61.090	ng	0.00

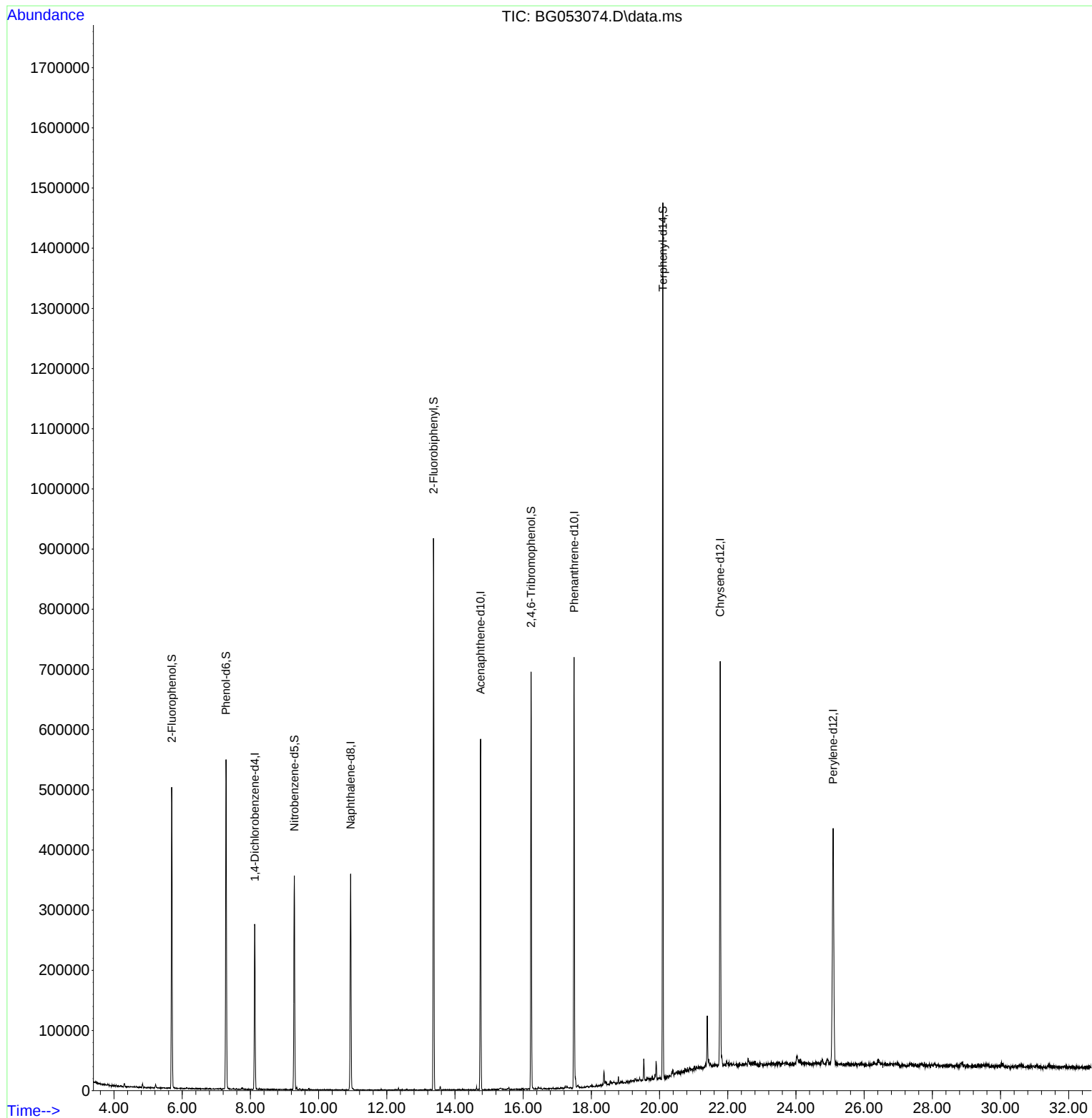
Target Compounds	Qvalue

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

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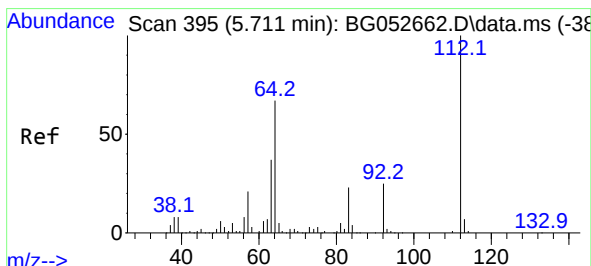
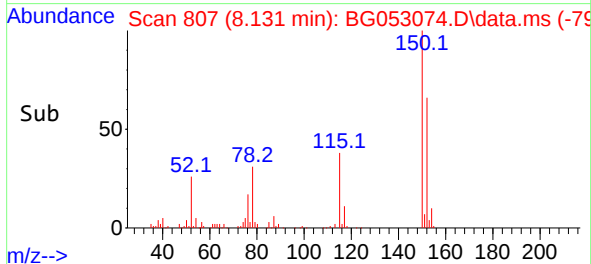
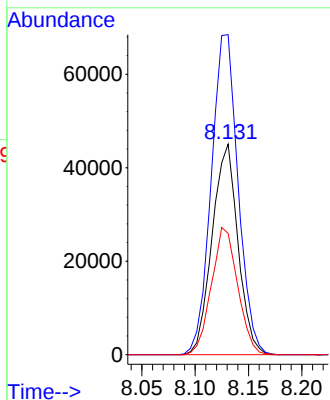
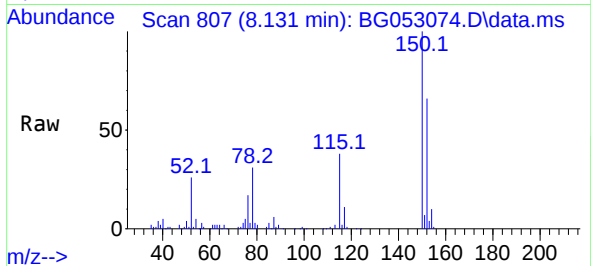




#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 8.131 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG053074.D
Acq: 7 Apr 2022 15:15

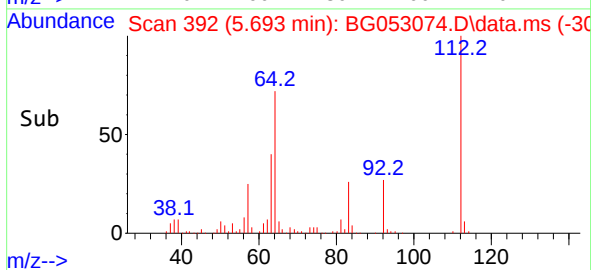
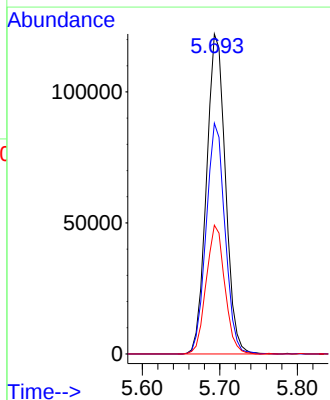
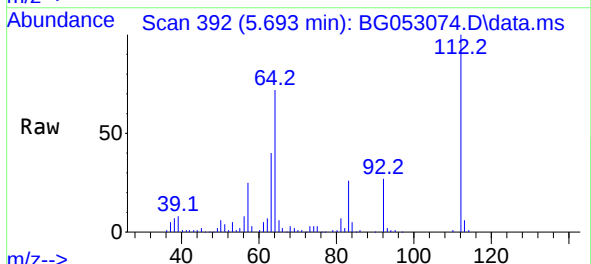
Instrument :
BNA_G
ClientSampleId :
A12040

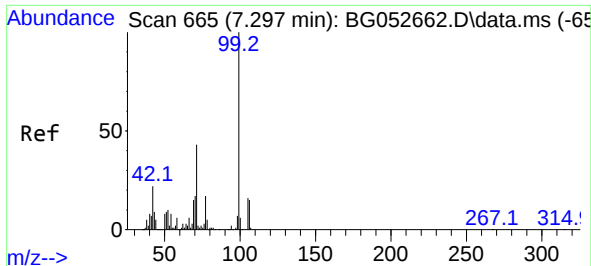
Tgt Ion:152 Resp: 75786
Ion Ratio Lower Upper
152 100
150 152.0 114.6 172.0
115 57.6 45.9 68.9



#5
2-Fluorophenol
Concen: 95.201 ng
RT: 5.693 min Scan# 392
Delta R.T. 0.009 min
Lab File: BG053074.D
Acq: 7 Apr 2022 15:15

Tgt Ion:112 Resp: 207144
Ion Ratio Lower Upper
112 100
64 72.1 48.0 72.0#
63 40.3 26.5 39.7#

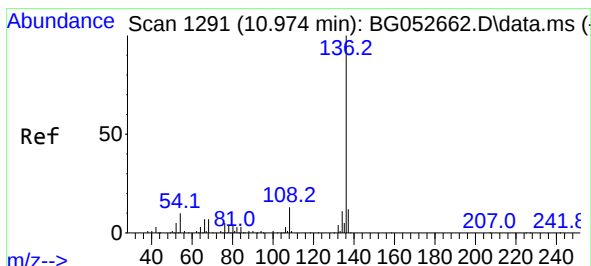
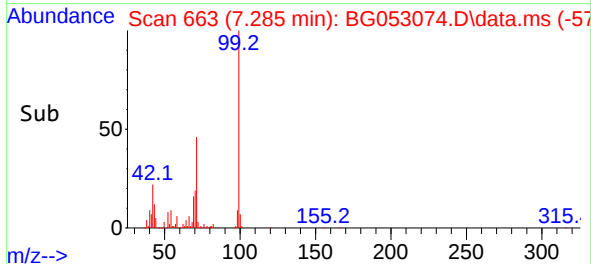
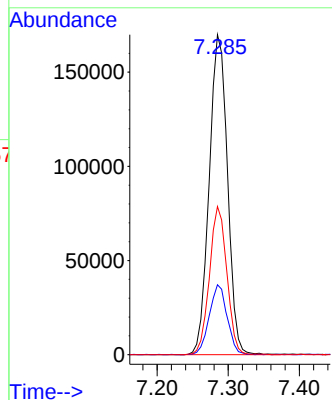
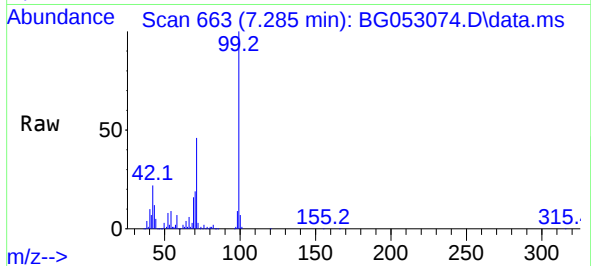




#7
Phenol-d6
Concen: 92.642 ng
RT: 7.285 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG053074.D
Acq: 7 Apr 2022 15:15

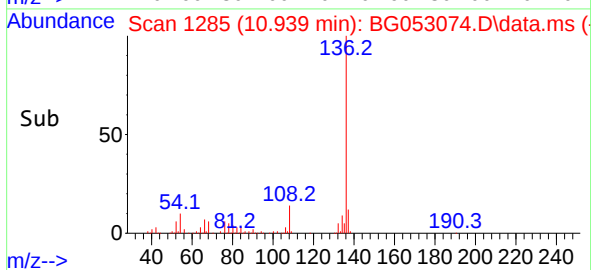
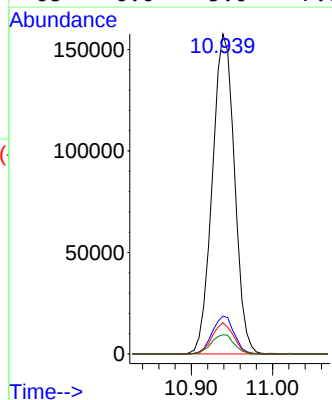
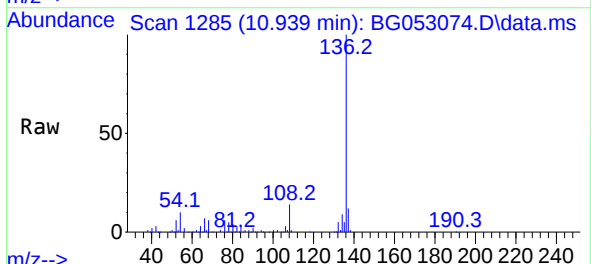
Instrument :
BNA_G
ClientSampleId :
A12040

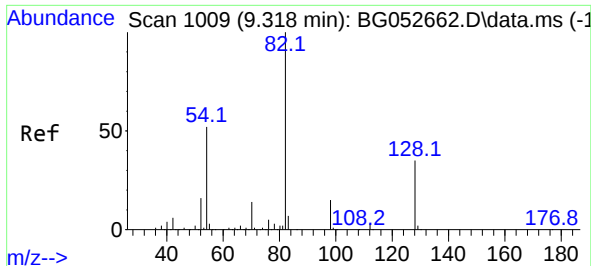
Tgt Ion: 99 Resp: 303897
Ion Ratio Lower Upper
99 100
42 21.8 14.7 22.1
71 46.3 29.2 43.8#



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 10.939 min Scan# 1285
Delta R.T. -0.003 min
Lab File: BG053074.D
Acq: 7 Apr 2022 15:15

Tgt Ion: 136 Resp: 298537
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.2
54 9.8 6.4 9.6#
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 74.837 ng

RT: 9.288 min Scan# 1004

Delta R.T. -0.003 min

Lab File: BG053074.D

Acq: 7 Apr 2022 15:15

Instrument :

BNA_G

ClientSampleId :

A12040

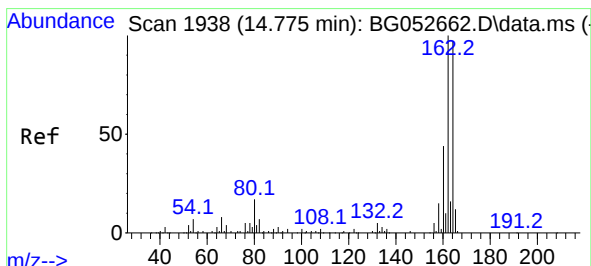
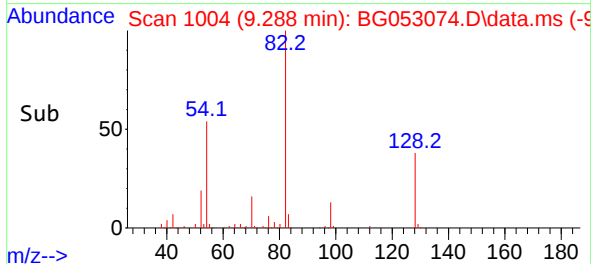
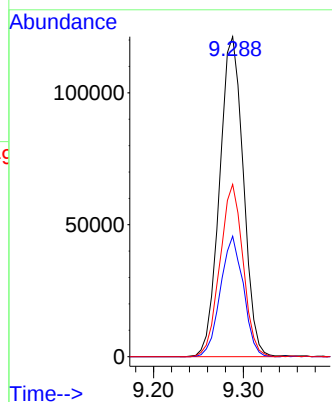
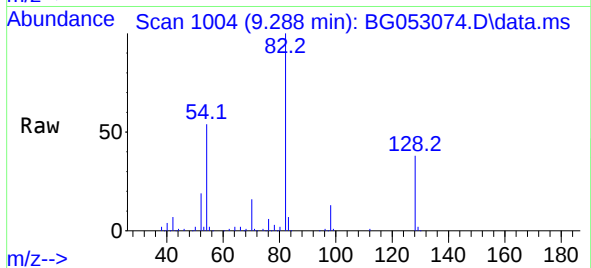
Tgt Ion: 82 Resp: 222569

Ion Ratio Lower Upper

82 100

128 37.6 31.3 46.9

54 53.8 37.8 56.8



#39

Acenaphthene-d10

Concen: 40.000 ng

RT: 14.751 min Scan# 1934

Delta R.T. 0.003 min

Lab File: BG053074.D

Acq: 7 Apr 2022 15:15

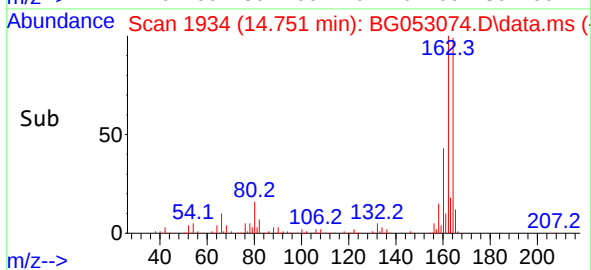
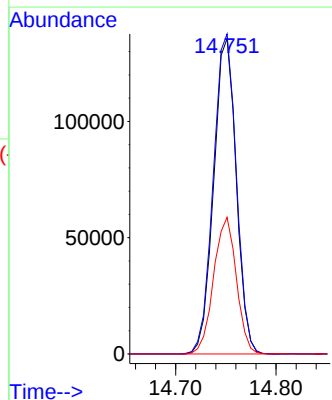
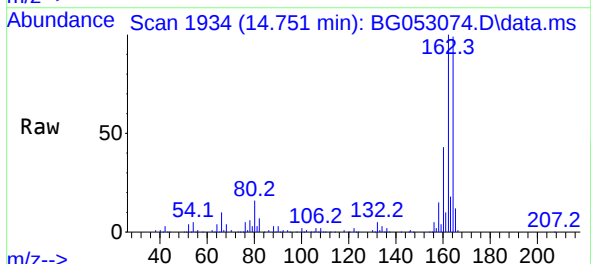
Tgt Ion:164 Resp: 210734

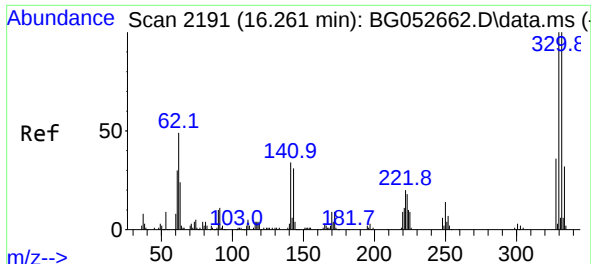
Ion Ratio Lower Upper

164 100

162 101.4 80.0 120.0

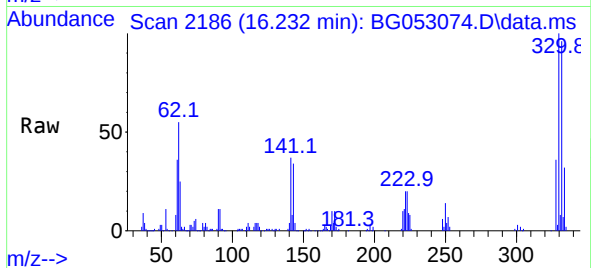
160 43.3 38.8 58.2



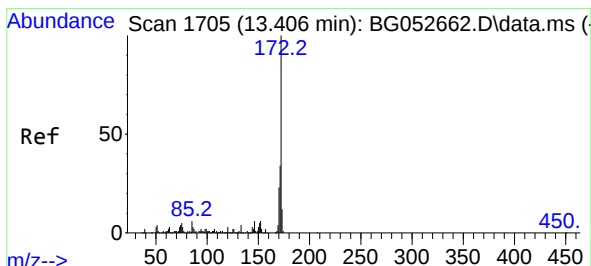
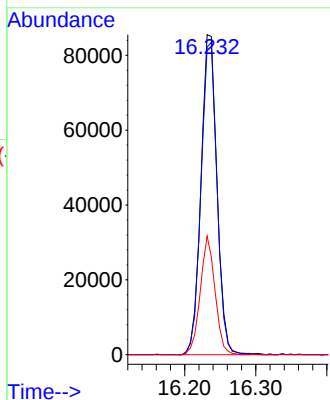
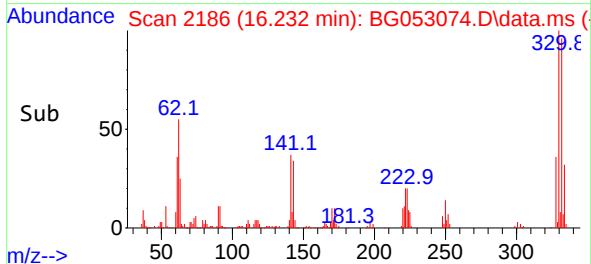


#42
2,4,6-Tribromophenol
Concen: 94.716 ng
RT: 16.232 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG053074.D
Acq: 7 Apr 2022 15:15

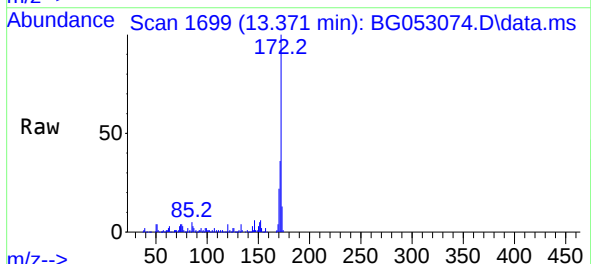
Instrument :
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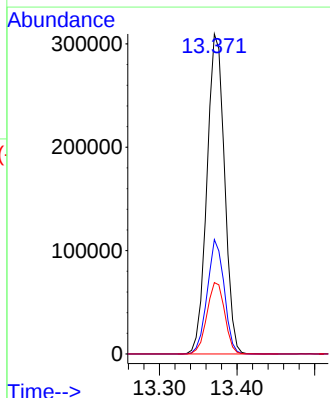
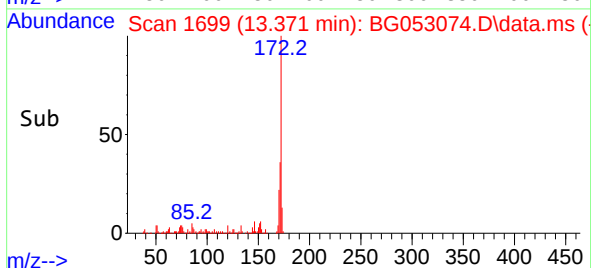
Tgt Ion:330 Resp: 134104
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 34.1 24.6 36.8

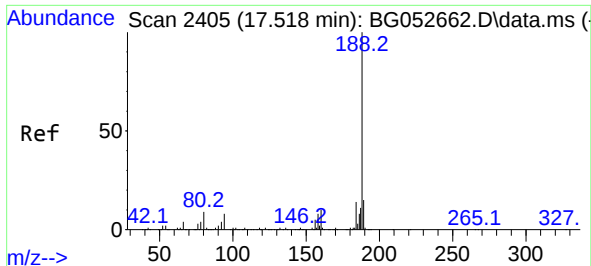


#45
2-Fluorobiphenyl
Concen: 68.485 ng
RT: 13.371 min Scan# 1699
Delta R.T. -0.003 min
Lab File: BG053074.D
Acq: 7 Apr 2022 15:15



Tgt Ion:172 Resp: 489278
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 22.3 18.0 27.0

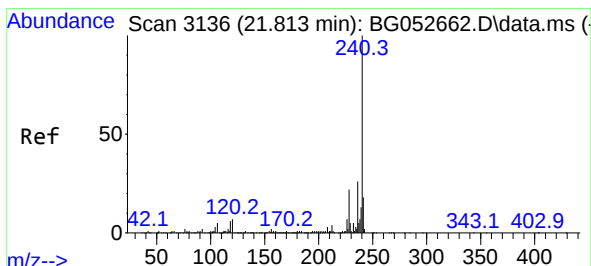
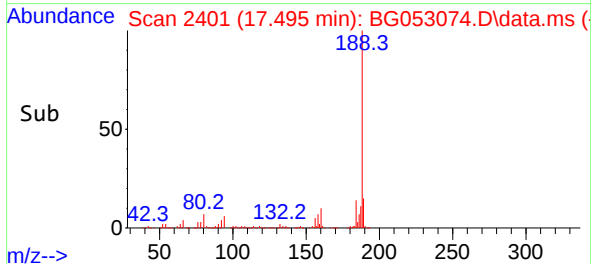
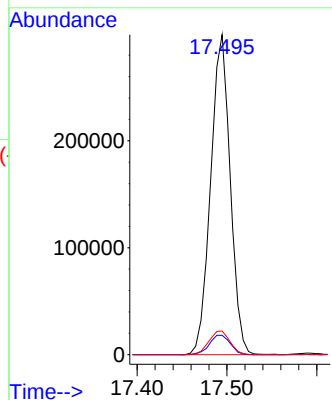
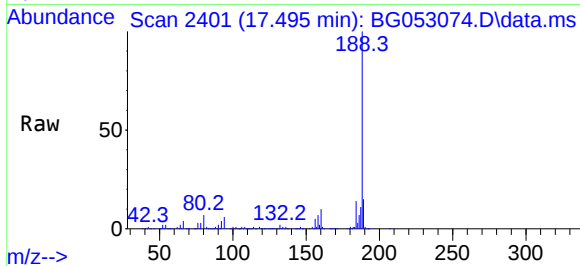




#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 17.495 min Scan# 2401
Delta R.T. 0.003 min
Lab File: BG053074.D
Acq: 7 Apr 2022 15:15

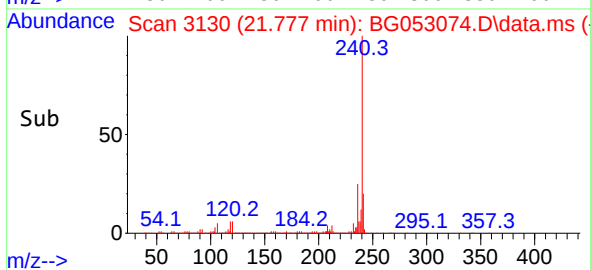
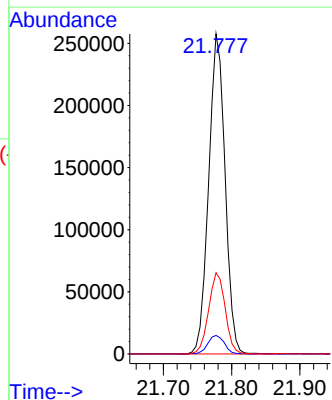
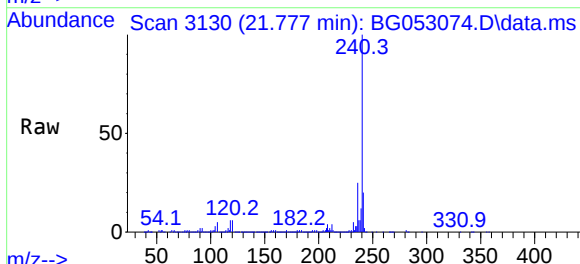
Instrument :
BNA_G
ClientSampleId :
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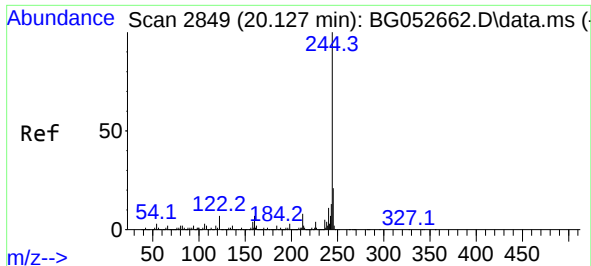
Tgt Ion:188 Resp: 452314
Ion Ratio Lower Upper
188 100
94 6.1 5.7 8.5
80 7.4 7.2 10.8



#76
Chrysene-d12
Concen: 40.000 ng
RT: 21.777 min Scan# 3130
Delta R.T. -0.003 min
Lab File: BG053074.D
Acq: 7 Apr 2022 15:15

Tgt Ion:240 Resp: 430790
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 25.4 19.8 29.6

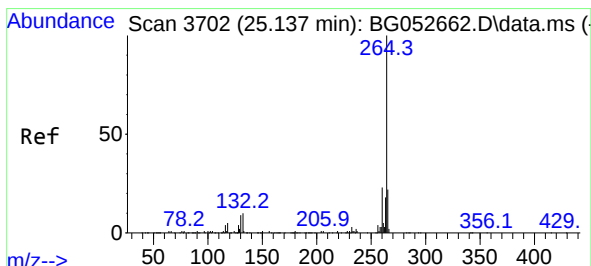
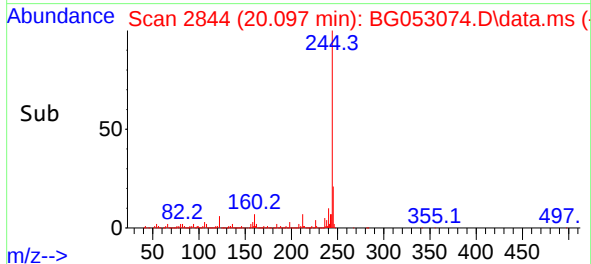
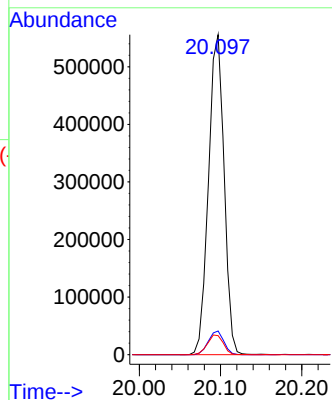
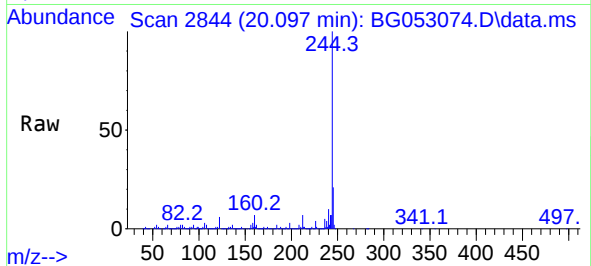




#79
 Terphenyl-d14
 Concen: 61.090 ng
 RT: 20.097 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG053074.D
 Acq: 7 Apr 2022 15:15

Instrument :
 BNA_G
 ClientSampleId :
 A12040

Tgt Ion:244 Resp: 739719
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 6.0 5.8 8.6



#86
 Perylene-d12
 Concen: 40.000 ng
 RT: 25.090 min Scan# 3694
 Delta R.T. 0.009 min
 Lab File: BG053074.D
 Acq: 7 Apr 2022 15:15

Tgt Ion:264 Resp: 437452
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.2
 265 20.9 15.1 22.7

