

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053464.D
 Acq On : 5 May 2022 23:48
 Operator : CG/JU
 Sample : N2677-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6,16

Quant Time: May 06 03:48:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	23300	20.000	ng	0.00
21) Naphthalene-d8	10.900	136	90143	20.000	ng	-0.01
39) Acenaphthene-d10	14.713	164	70697	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	177985	20.000	ng	-0.01
76) Chrysene-d12	21.739	240	201276	20.000	ng	0.00
86) Perylene-d12	25.016	264	203804	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	141739	103.240	ng	0.00
7) Phenol-d6	7.252	99	207479	99.578	ng	0.00
23) Nitrobenzene-d5	9.250	82	147472	69.641	ng	-0.01
42) 2,4,6-Tribromophenol	16.205	330	102396	98.203	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	305749	63.197	ng	0.00
79) Terphenyl-d14	20.058	244	668393	61.848	ng	-0.01

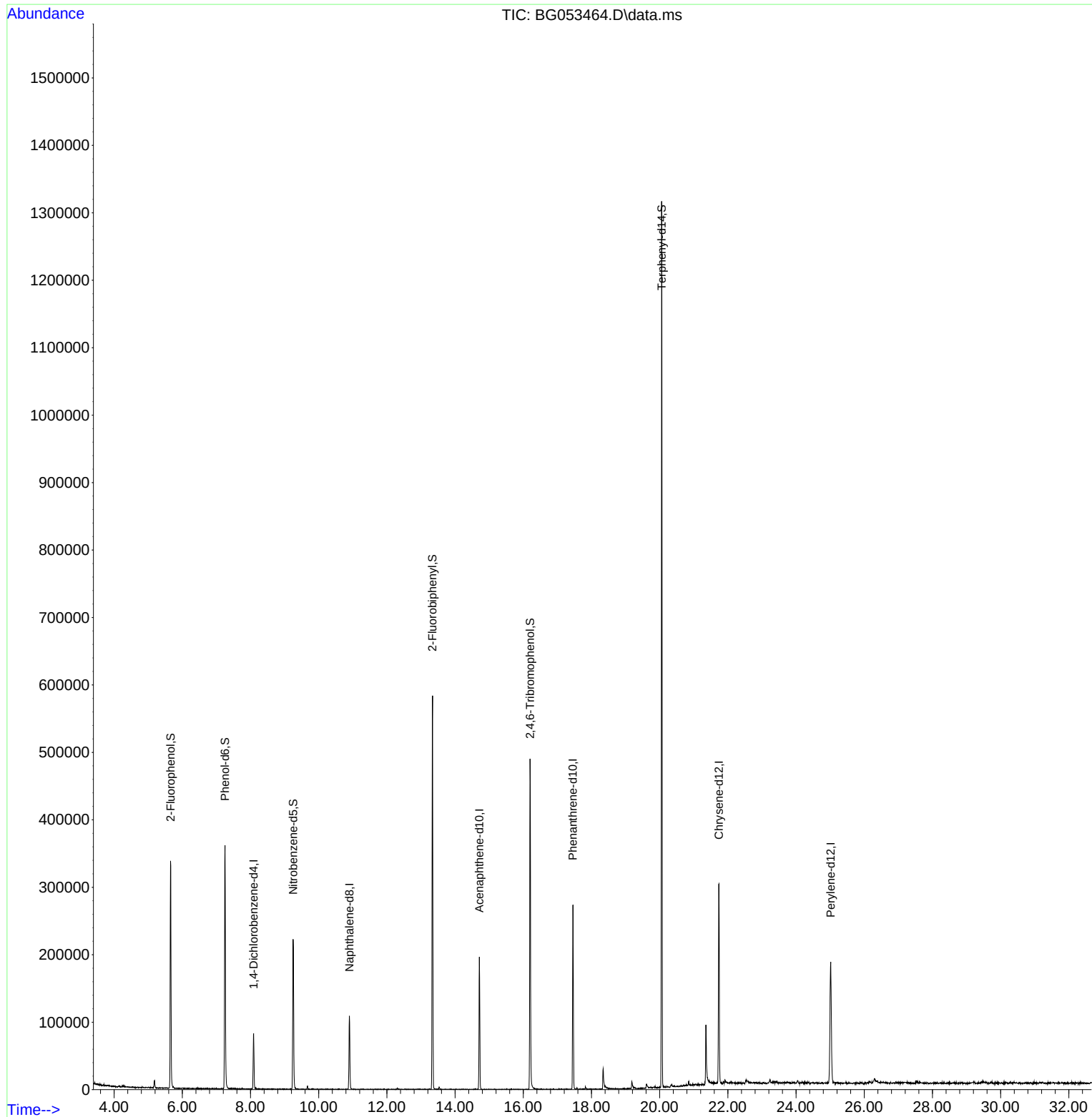
Target Compounds	Qvalue

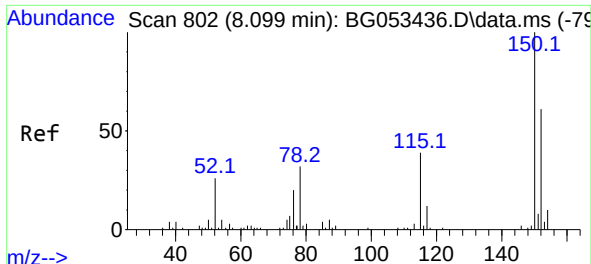
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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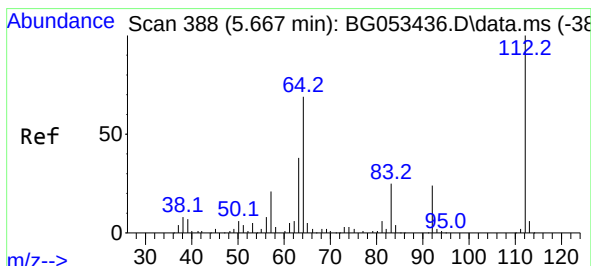
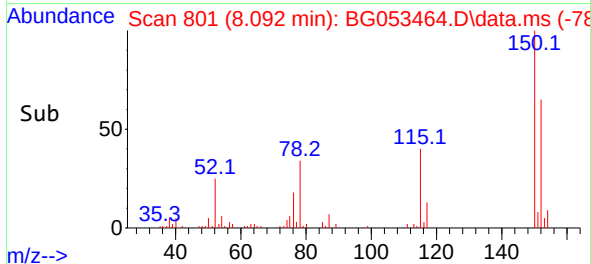
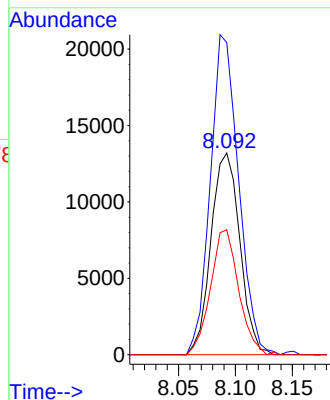
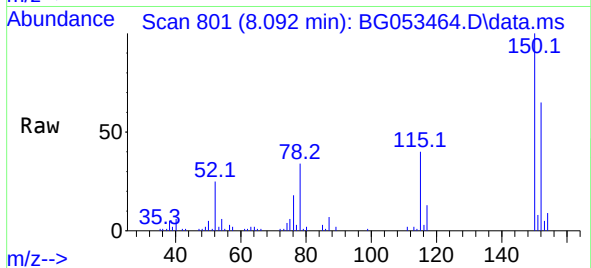




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.092 min Scan# 801
Delta R.T. -0.007 min
Lab File: BG053464.D
Acq: 5 May 2022 23:48

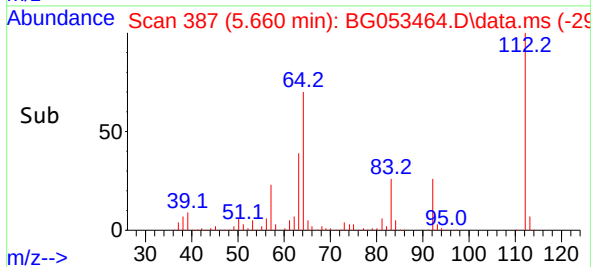
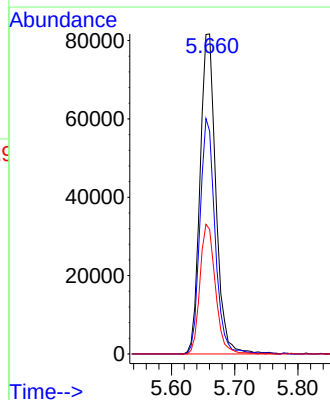
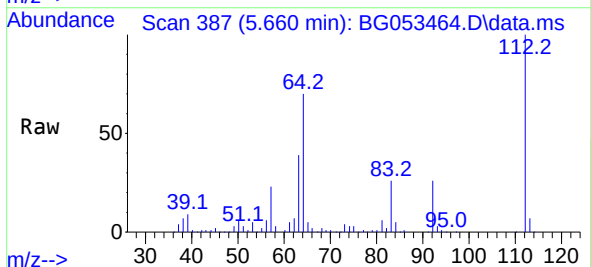
Instrument :
BNA_G
ClientSampleId :
SB-6,16

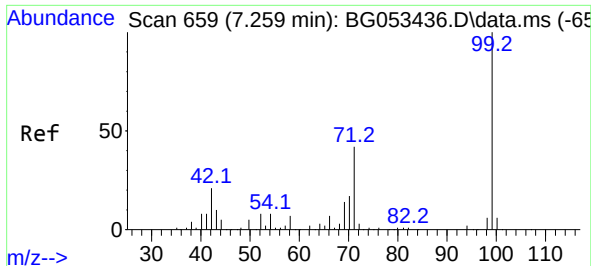
Tgt Ion:152 Resp: 23300
Ion Ratio Lower Upper
152 100
150 154.8 131.6 197.4
115 62.0 50.9 76.3



#5
2-Fluorophenol
Concen: 103.240 ng
RT: 5.660 min Scan# 387
Delta R.T. -0.007 min
Lab File: BG053464.D
Acq: 5 May 2022 23:48

Tgt Ion:112 Resp: 141739
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 39.0 30.4 45.6

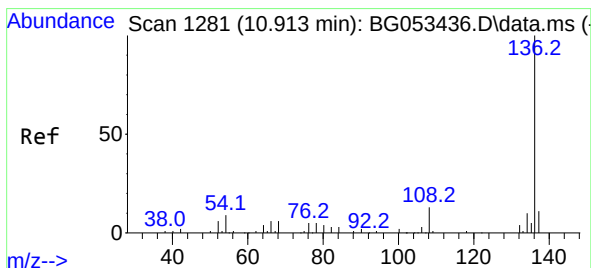
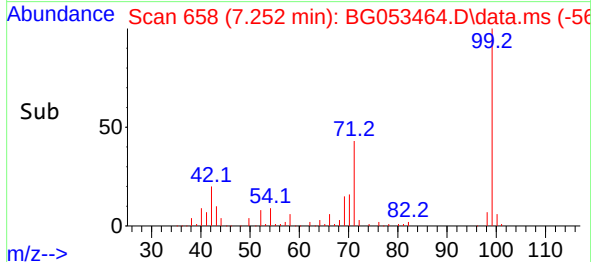
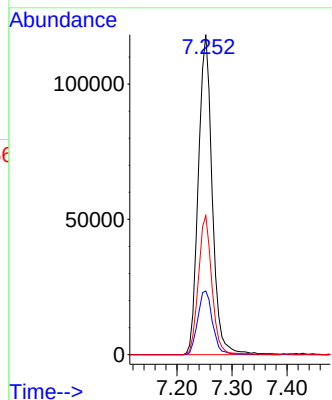
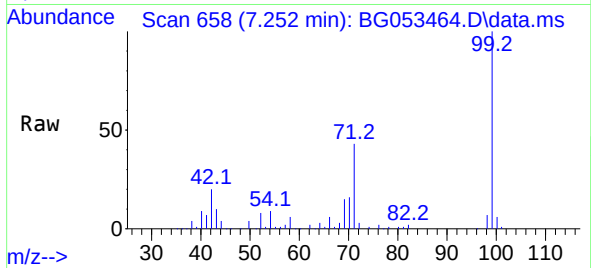




#7
Phenol-d6
Concen: 99.578 ng
RT: 7.252 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053464.D
Acq: 5 May 2022 23:48

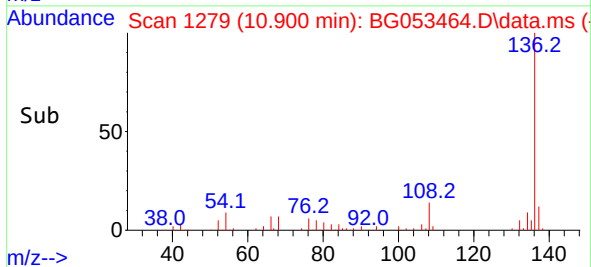
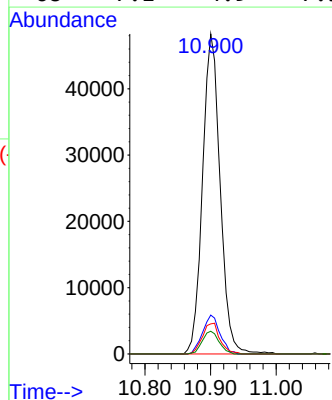
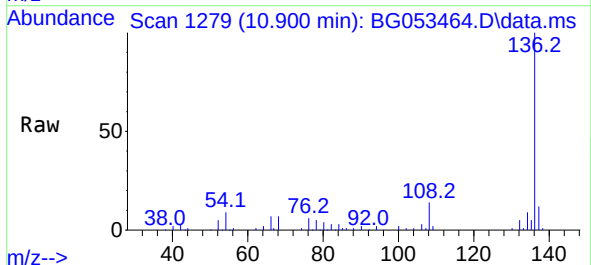
Instrument :
BNA_G
ClientSampleId :
SB-6,16

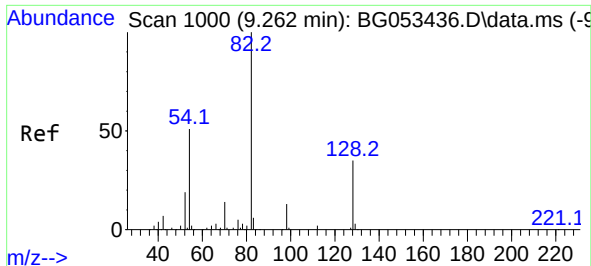
Tgt Ion: 99 Resp: 207479
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 43.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.900 min Scan# 1279
Delta R.T. -0.013 min
Lab File: BG053464.D
Acq: 5 May 2022 23:48

Tgt Ion: 136 Resp: 90143
Ion Ratio Lower Upper
136 100
137 12.2 8.5 12.7
54 9.4 7.4 11.2
68 7.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 69.641 ng

RT: 9.250 min Scan# 91

Delta R.T. -0.012 min

Lab File: BG053464.D

Acq: 5 May 2022 23:48

Instrument :

BNA_G

ClientSampleId :

SB-6,16

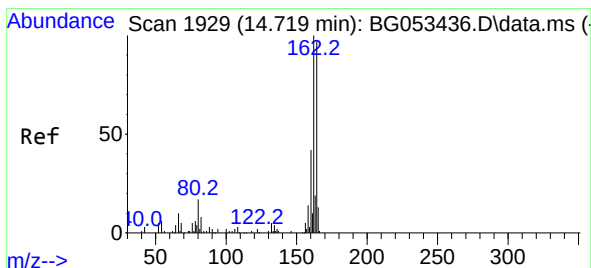
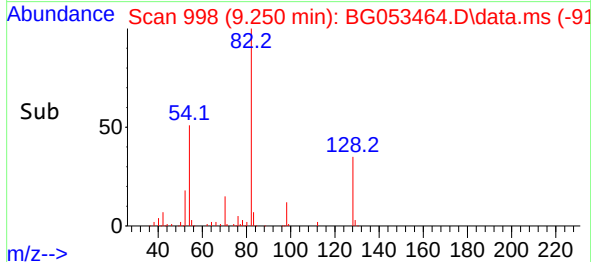
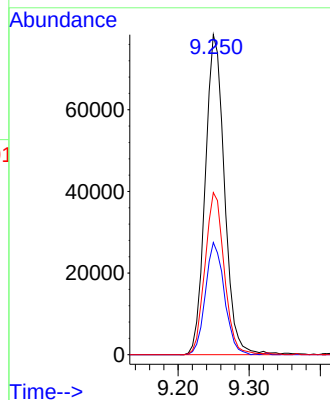
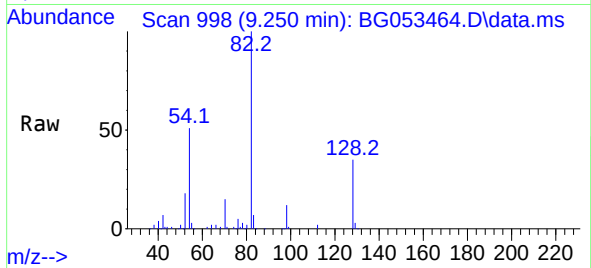
Tgt Ion: 82 Resp: 147472

Ion Ratio Lower Upper

82 100

128 35.0 27.9 41.9

54 50.7 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.713 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BG053464.D

Acq: 5 May 2022 23:48

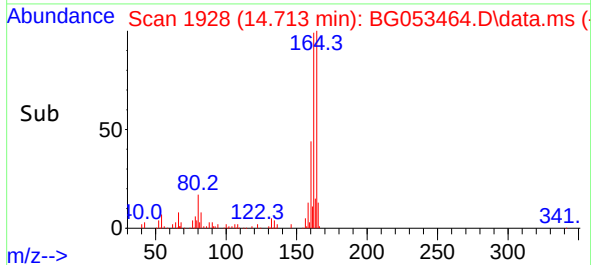
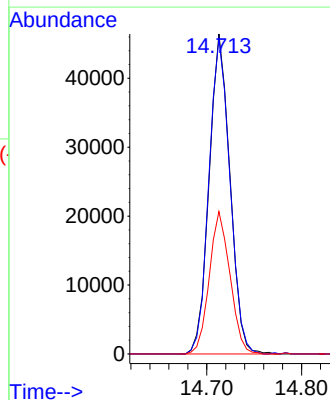
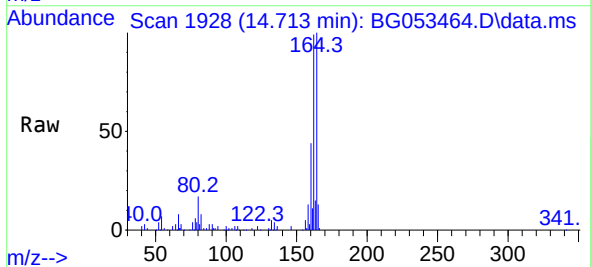
Tgt Ion:164 Resp: 70697

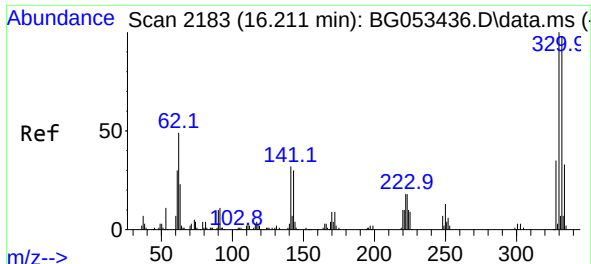
Ion Ratio Lower Upper

164 100

162 98.6 82.3 123.5

160 44.5 34.2 51.2

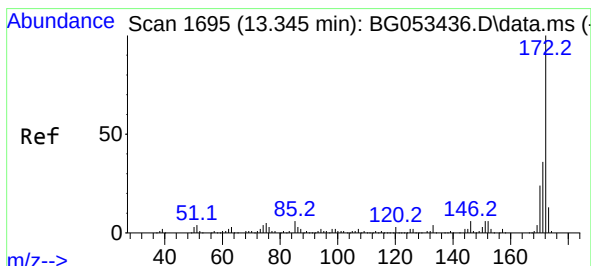
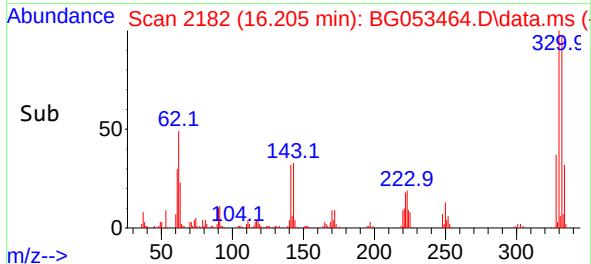
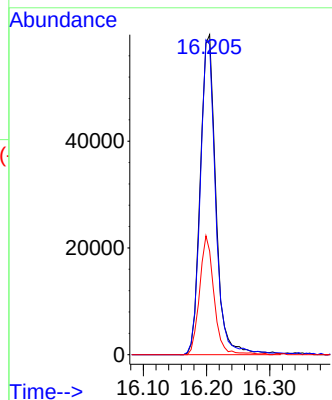
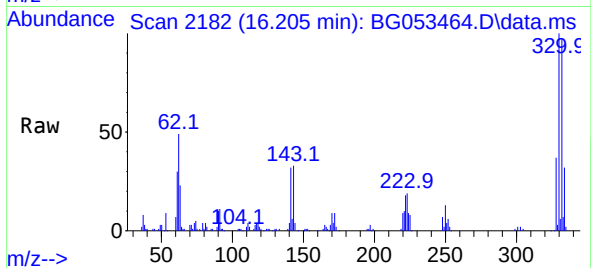




#42
2,4,6-Tribromophenol
Concen: 98.203 ng
RT: 16.205 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BG053464.D
Acq: 5 May 2022 23:48

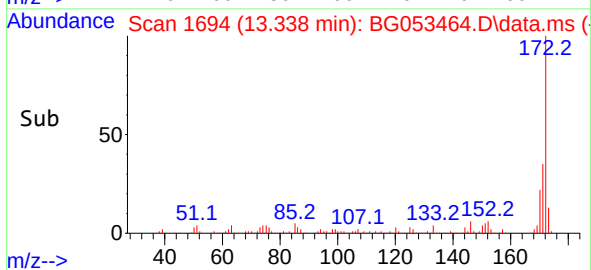
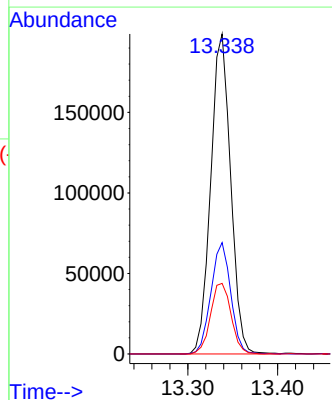
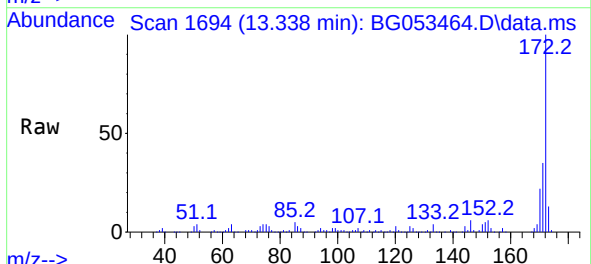
Instrument :
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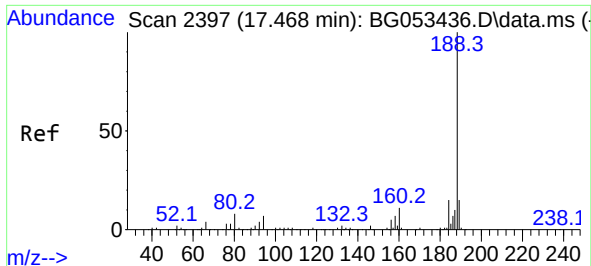
Tgt Ion:330 Resp: 102396
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 34.5 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 63.197 ng
RT: 13.338 min Scan# 1694
Delta R.T. -0.007 min
Lab File: BG053464.D
Acq: 5 May 2022 23:48

Tgt Ion:172 Resp: 305749
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.0 18.9 28.3

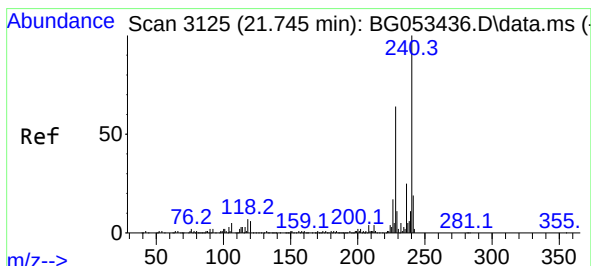
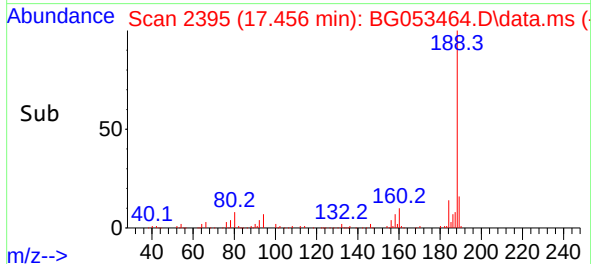
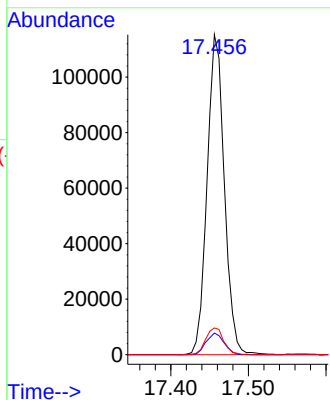
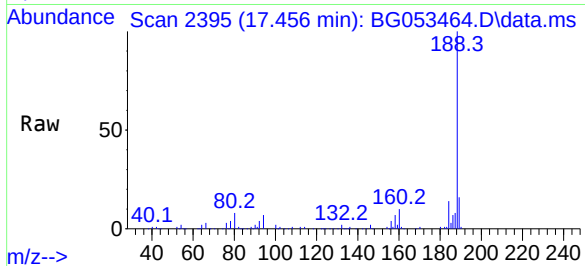




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053464.D
Acq: 5 May 2022 23:48

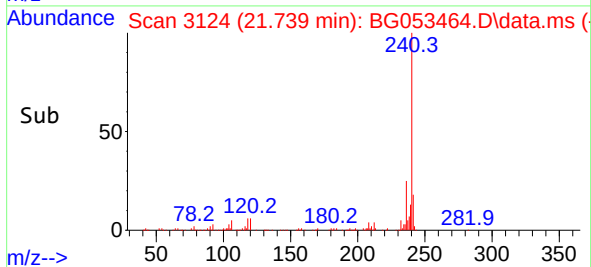
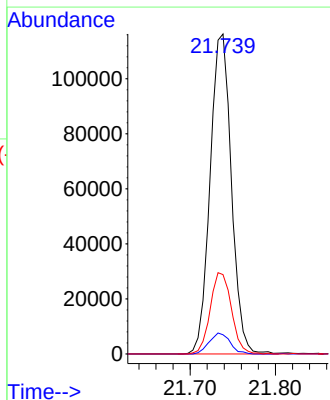
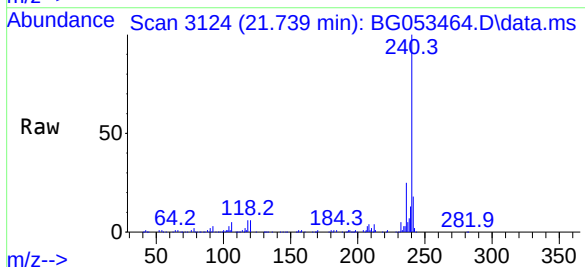
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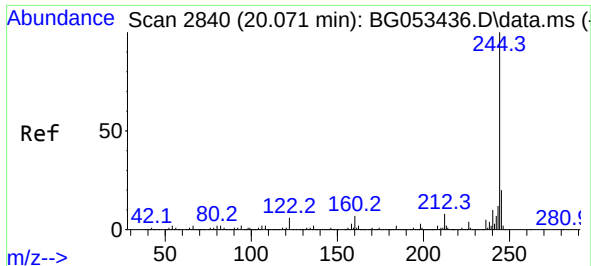
Tgt Ion:188 Resp: 177985
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG053464.D
Acq: 5 May 2022 23:48

Tgt Ion:240 Resp: 201276
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 24.8 20.2 30.4

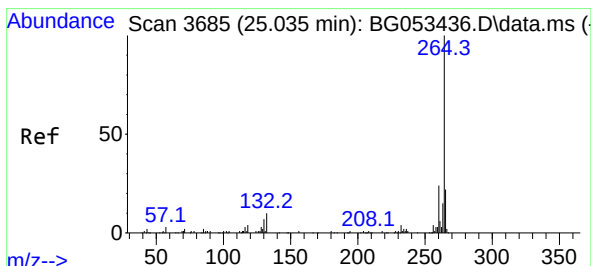
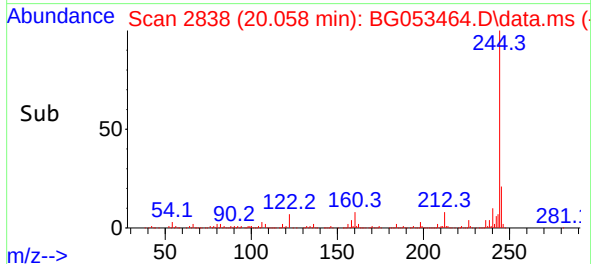
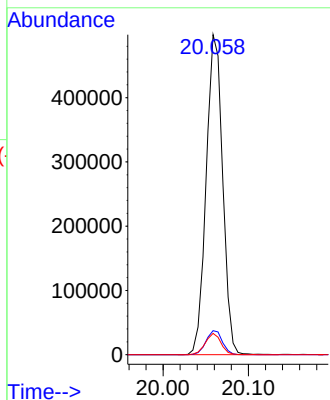
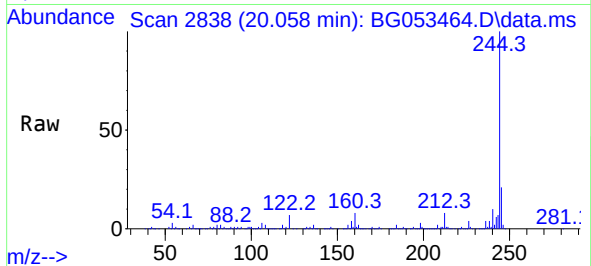




#79
 Terphenyl-d14
 Concen: 61.848 ng
 RT: 20.058 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG053464.D
 Acq: 5 May 2022 23:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-6,16

Tgt Ion:244 Resp: 668393
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.016 min Scan# 3682
 Delta R.T. -0.018 min
 Lab File: BG053464.D
 Acq: 5 May 2022 23:48

Tgt Ion:264 Resp: 203804
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 22.0 17.4 26.2

