

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
 Data File : BG053724.D
 Acq On : 26 May 2022 19:43
 Operator : CG/JU
 Sample : N2985-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS003-0006-01

Quant Time: May 27 05:00:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	32388	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	123070	20.000	ng	0.00
39) Acenaphthene-d10	14.620	164	85605	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	180470	20.000	ng	0.00
76) Chrysene-d12	21.634	240	171415	20.000	ng	0.00
86) Perylene-d12	24.836	264	170436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	68573	35.932	ng	0.00
7) Phenol-d6	7.166	99	100933	34.849	ng	0.00
23) Nitrobenzene-d5	9.151	82	72300	25.008	ng	0.00
42) 2,4,6-Tribromophenol	16.112	330	42296	33.500	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	159807	27.279	ng	0.00
79) Terphenyl-d14	19.978	244	239354	26.006	ng	0.00

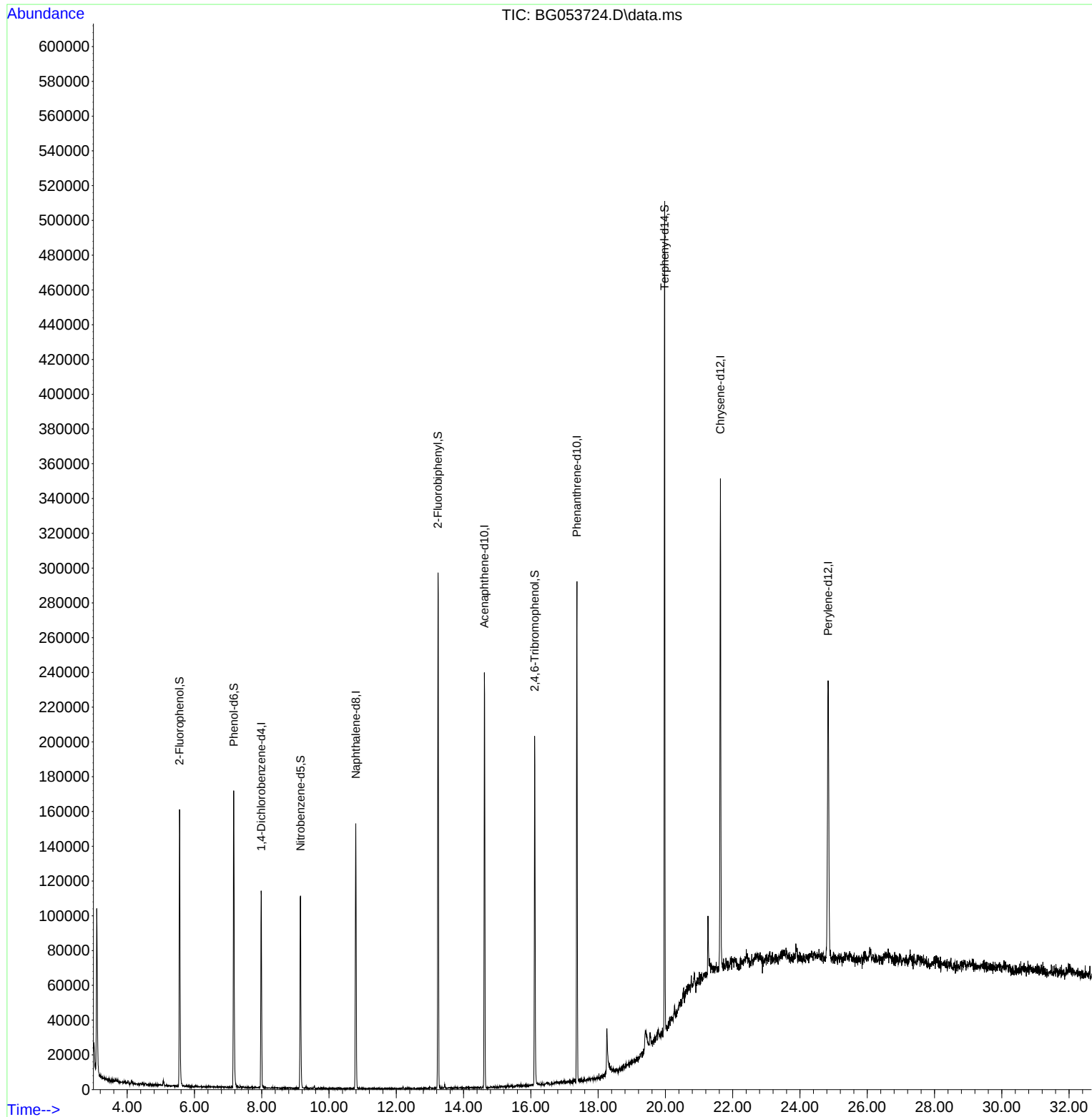
Target Compounds	Qvalue

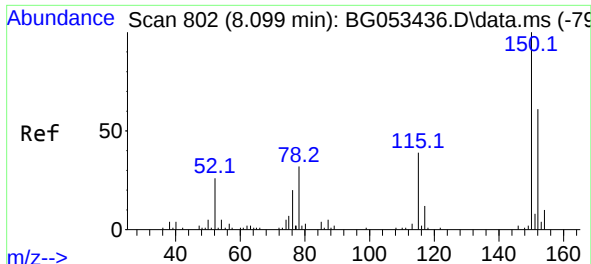
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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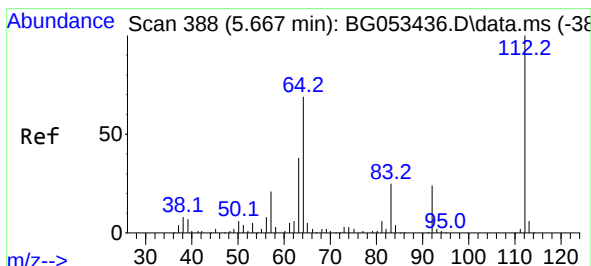
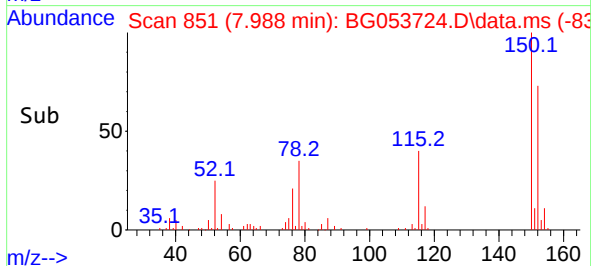
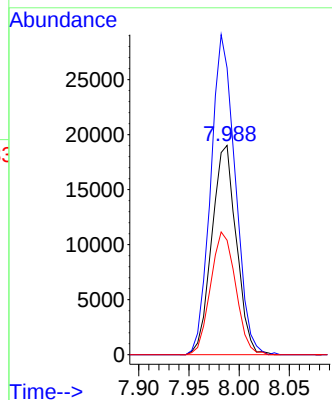
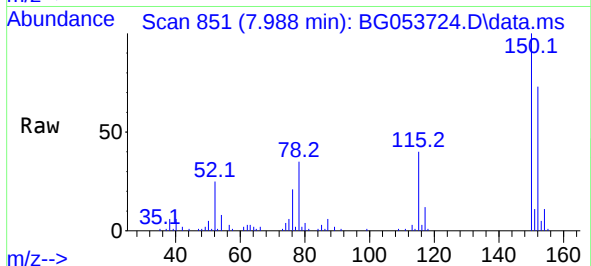




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.988 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG053724.D
Acq: 26 May 2022 19:43

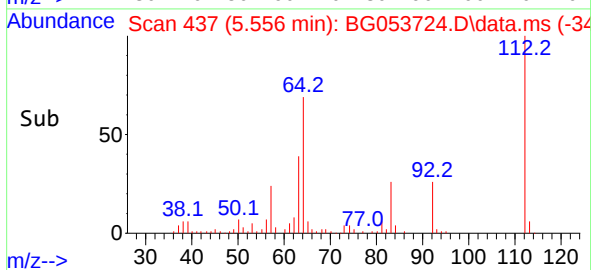
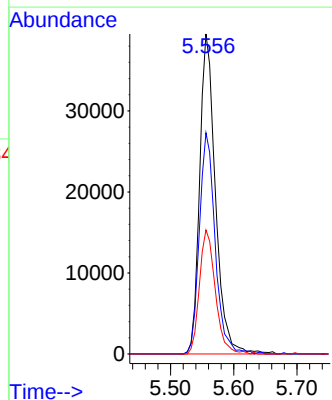
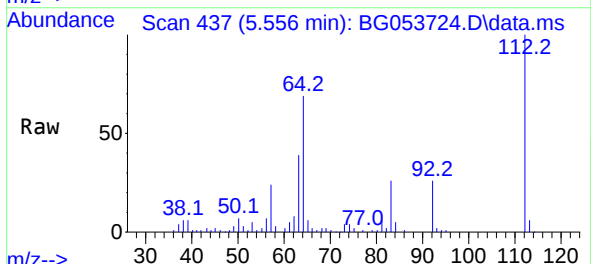
Instrument :
BNA_G
ClientSampleId :
P021-SS003-0006-01

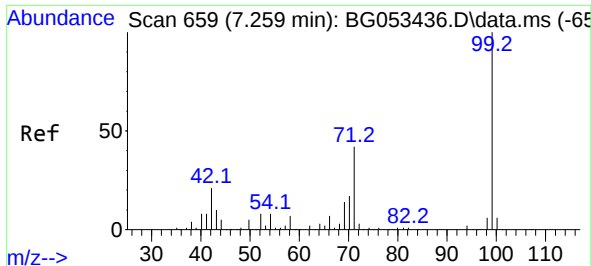
Tgt Ion:152 Resp: 32388
Ion Ratio Lower Upper
152 100
150 137.0 131.6 197.4
115 54.7 50.9 76.3



#5
2-Fluorophenol
Concen: 35.932 ng
RT: 5.556 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG053724.D
Acq: 26 May 2022 19:43

Tgt Ion:112 Resp: 68573
Ion Ratio Lower Upper
112 100
64 69.1 55.1 82.7
63 38.8 30.4 45.6

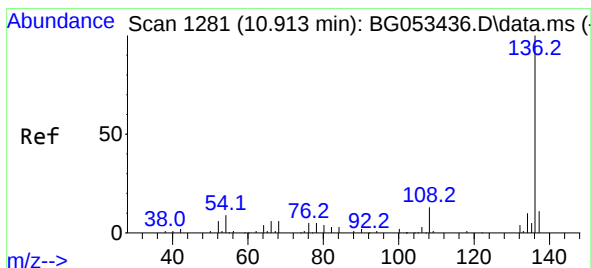
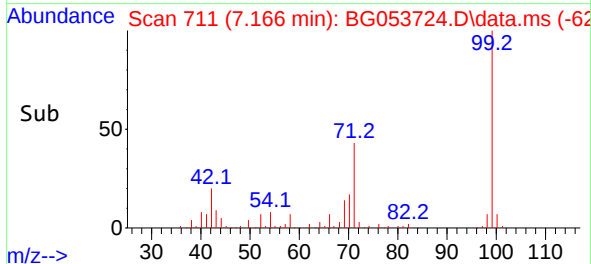
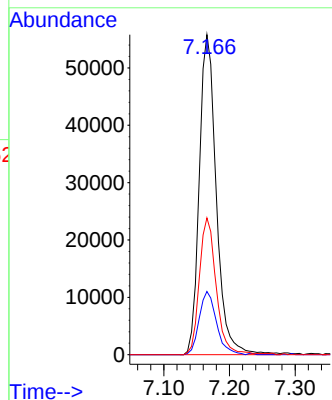
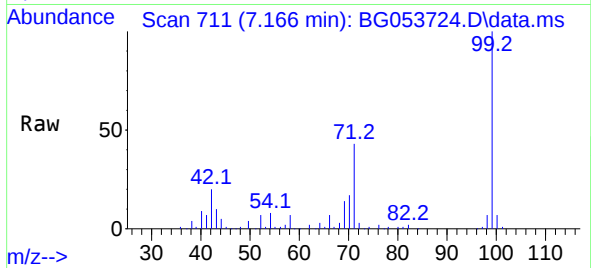




#7
Phenol-d6
Concen: 34.849 ng
RT: 7.166 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG053724.D
Acq: 26 May 2022 19:43

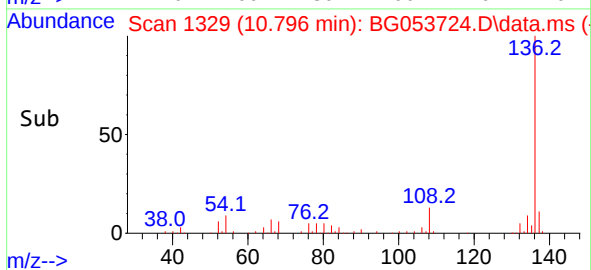
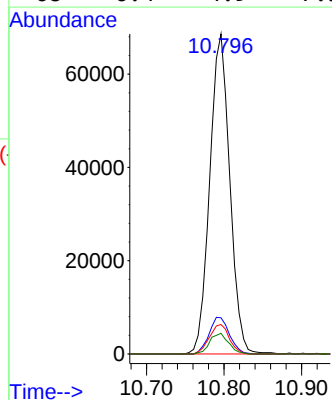
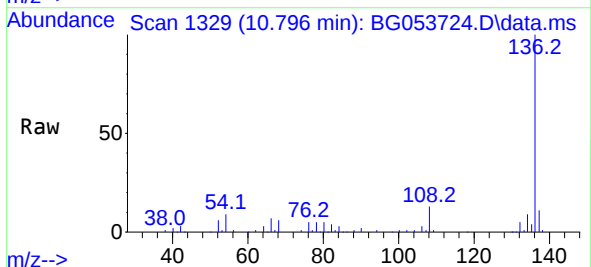
Instrument :
BNA_G
ClientSampleId :
P021-SS003-0006-01

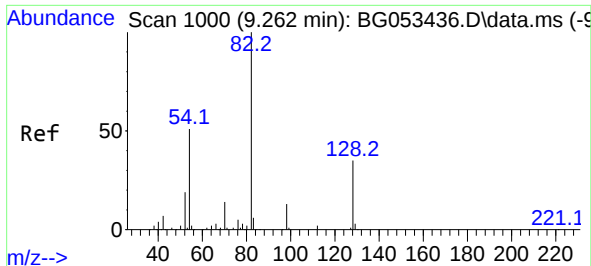
Tgt Ion: 99 Resp: 100933
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 42.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.004 min
Lab File: BG053724.D
Acq: 26 May 2022 19:43

Tgt Ion: 136 Resp: 123070
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 9.2 7.4 11.2
68 6.4 4.9 7.3

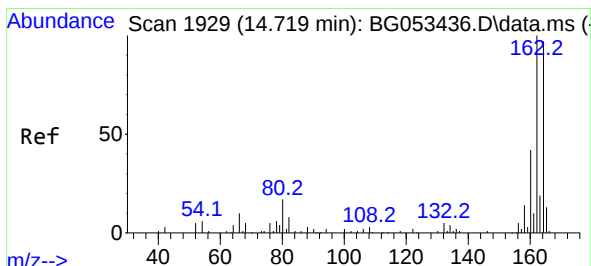
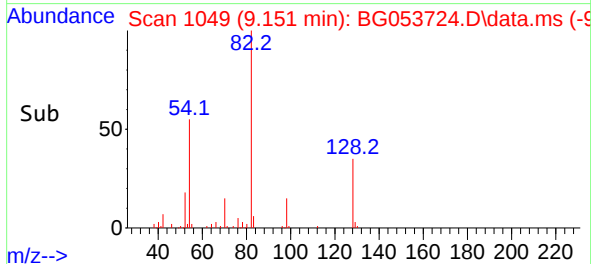
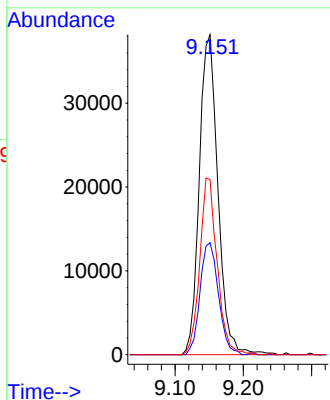
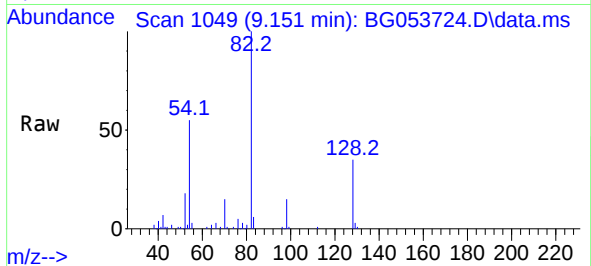




#23
Nitrobenzene-d5
Concen: 25.008 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.004 min
Lab File: BG053724.D
Acq: 26 May 2022 19:43

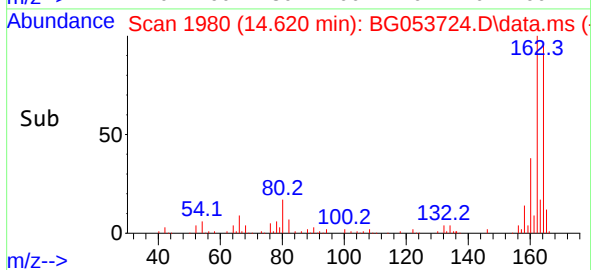
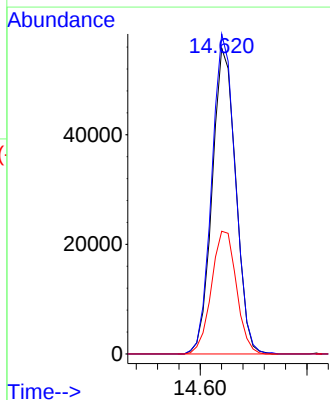
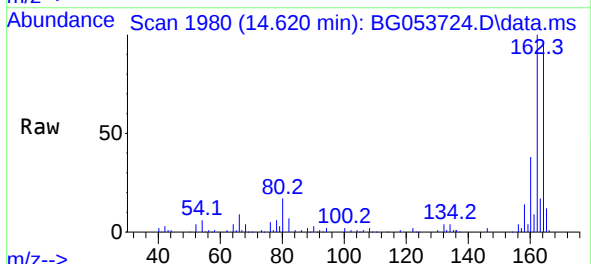
Instrument :
BNA_G
ClientSampleId :
P021-SS003-0006-01

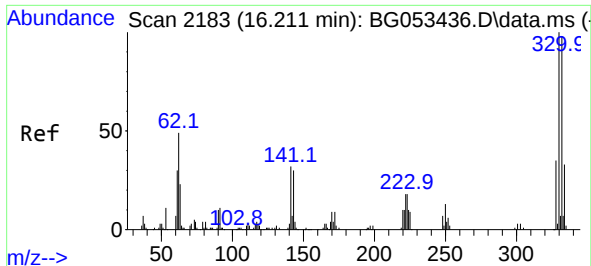
Tgt Ion: 82 Resp: 72300
Ion Ratio Lower Upper
82 100
128 35.0 27.9 41.9
54 54.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.620 min Scan# 1980
Delta R.T. -0.004 min
Lab File: BG053724.D
Acq: 26 May 2022 19:43

Tgt Ion:164 Resp: 85605
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 40.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 33.500 ng

RT: 16.112 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG053724.D

Acq: 26 May 2022 19:43

Instrument :

BNA_G

ClientSampleId :

P021-SS003-0006-01

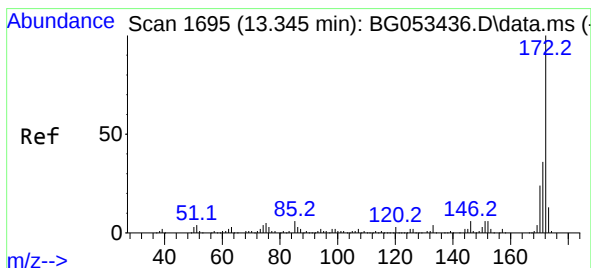
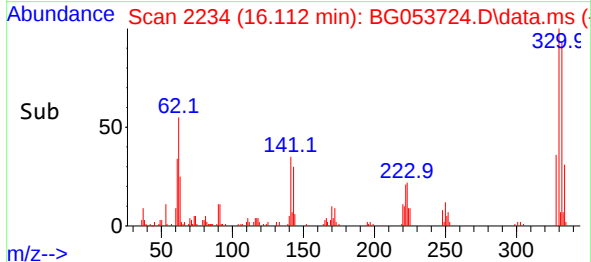
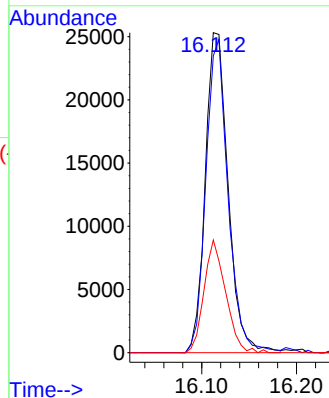
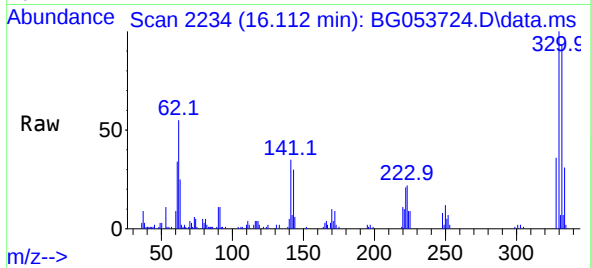
Tgt Ion:330 Resp: 42296

Ion Ratio Lower Upper

330 100

332 94.9 76.0 114.0

141 33.3 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 27.279 ng

RT: 13.240 min Scan# 1745

Delta R.T. -0.004 min

Lab File: BG053724.D

Acq: 26 May 2022 19:43

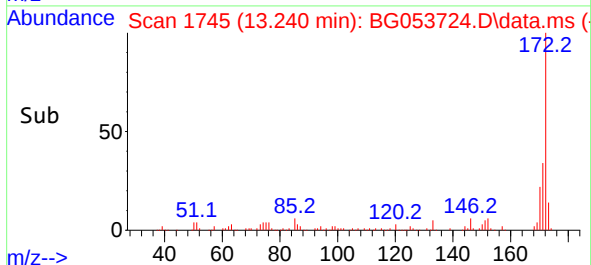
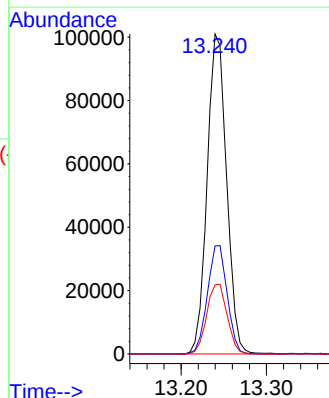
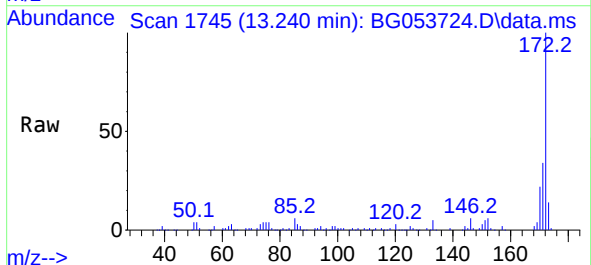
Tgt Ion:172 Resp: 159807

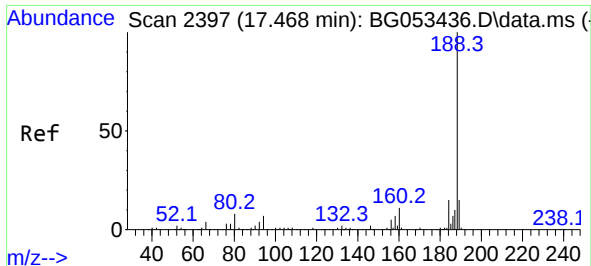
Ion Ratio Lower Upper

172 100

171 33.8 28.5 42.7

170 21.6 18.9 28.3

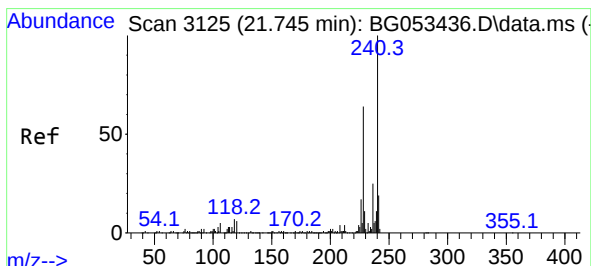
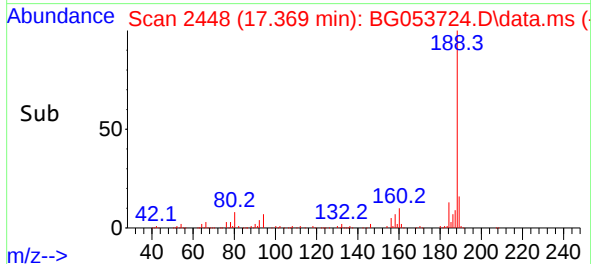
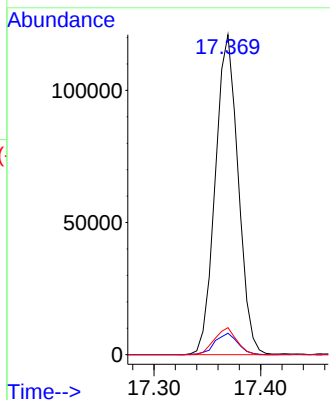
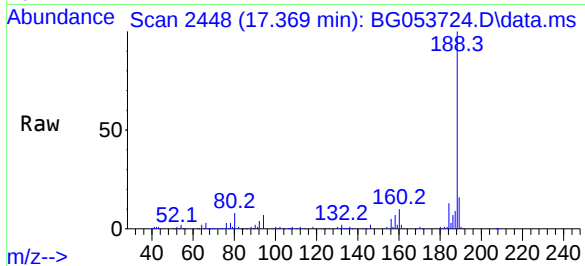




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG053724.D
Acq: 26 May 2022 19:43

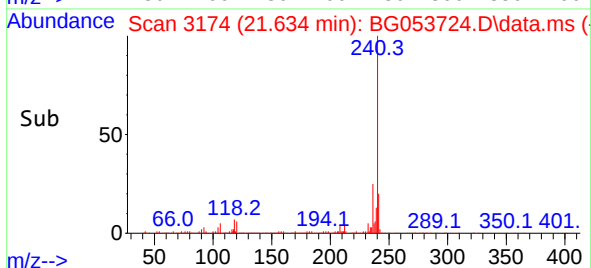
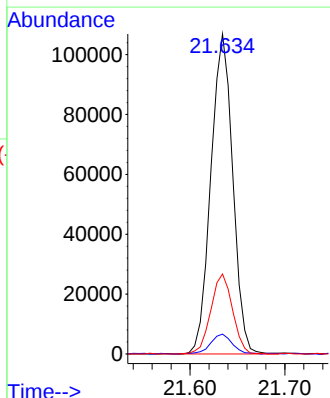
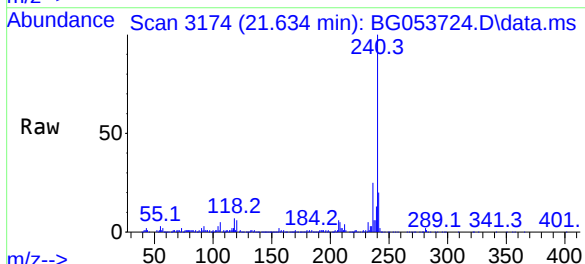
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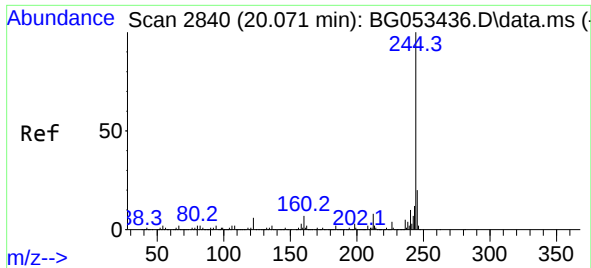
Tgt Ion:188 Resp: 180470
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG053724.D
Acq: 26 May 2022 19:43

Tgt Ion:240 Resp: 171415
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 25.0 20.2 30.4

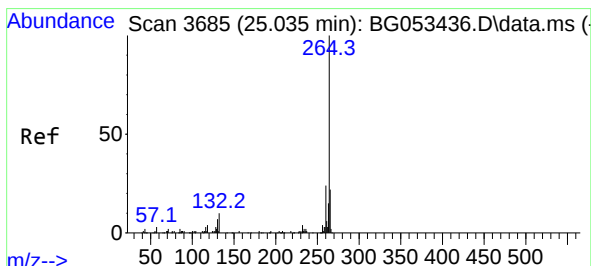
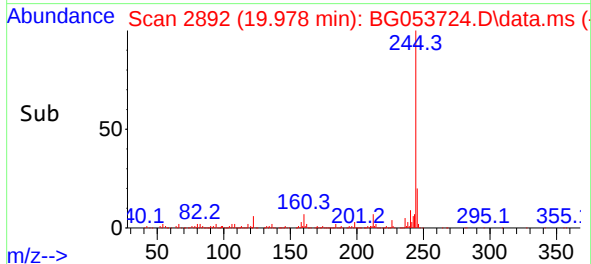
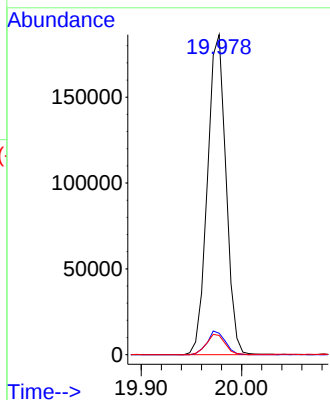
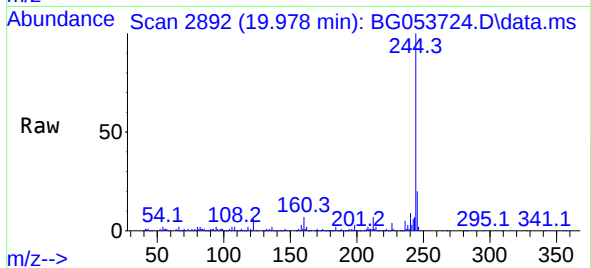




#79
 Terphenyl-d14
 Concen: 26.006 ng
 RT: 19.978 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG053724.D
 Acq: 26 May 2022 19:43

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS003-0006-01

Tgt Ion:244 Resp: 239354
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.836 min Scan# 3719
 Delta R.T. -0.004 min
 Lab File: BG053724.D
 Acq: 26 May 2022 19:43

Tgt Ion:264 Resp: 170436
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 23.5 17.4 26.2

