

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053700.D
 Acq On : 25 May 2022 19:10
 Operator : CG/JU
 Sample : N2923-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P024-SS005-0006-01

Quant Time: May 26 02:52:33 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	7.987	152	20713	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	84257	20.000	ng	0.00
39) Acenaphthene-d10	14.625	164	67059	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	171388	20.000	ng	0.00
76) Chrysene-d12	21.633	240	175745	20.000	ng	0.00
86) Perylene-d12	24.840	264	175778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	113145	92.706	ng	0.00
7) Phenol-d6	7.158	99	174787	94.365	ng	0.00
23) Nitrobenzene-d5	9.150	82	118679	59.959	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	99303	100.403	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	286057	62.335	ng	0.00
79) Terphenyl-d14	19.976	244	598835	63.462	ng	0.00

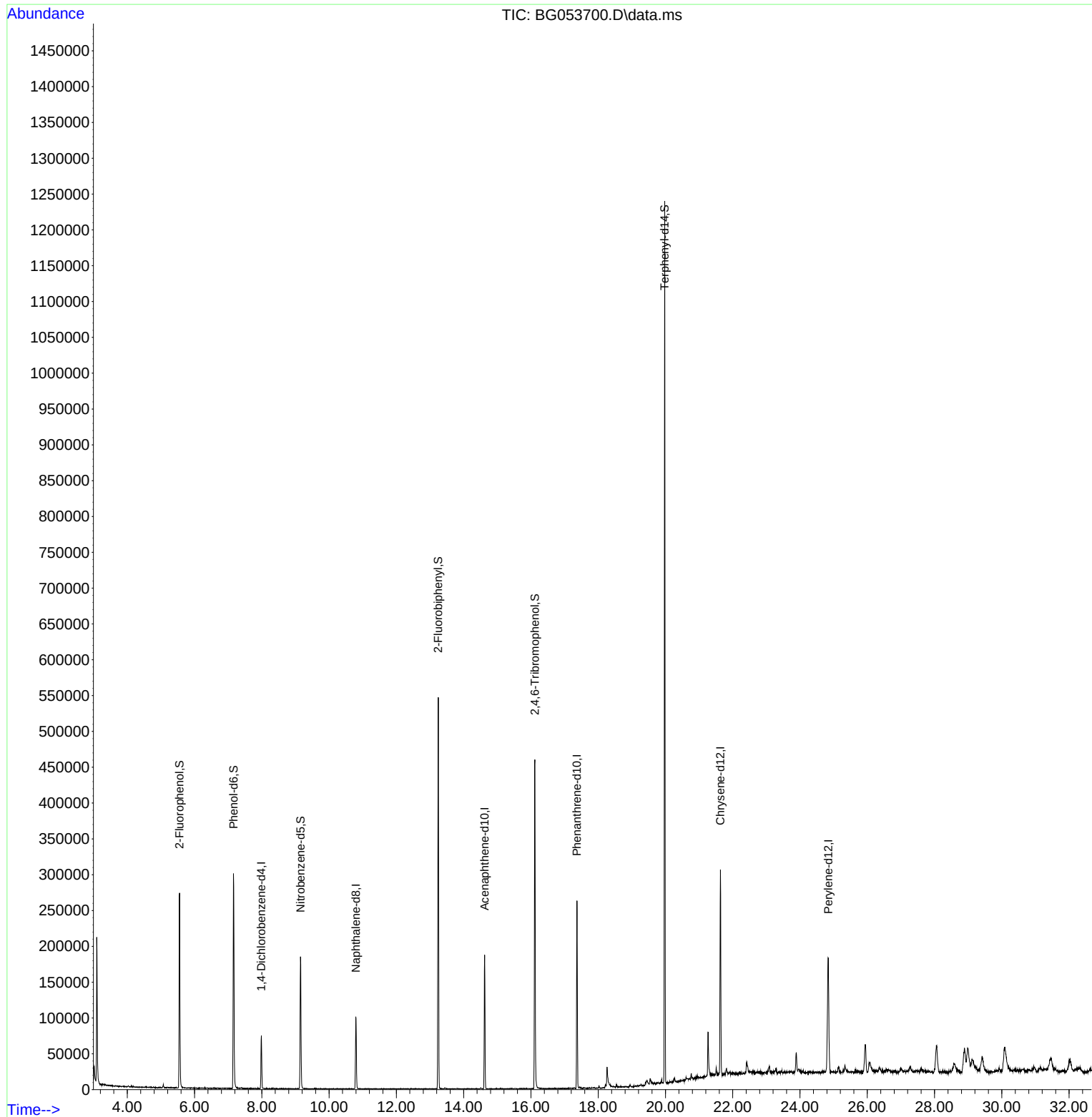
Target Compounds	Qvalue

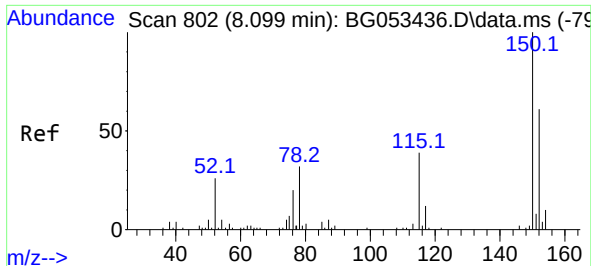
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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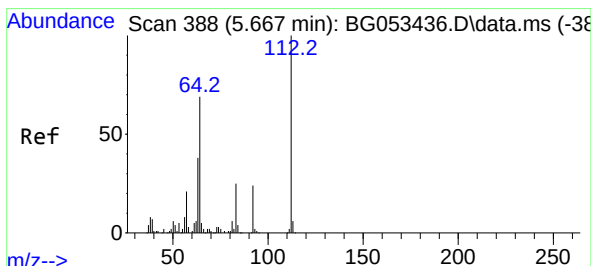
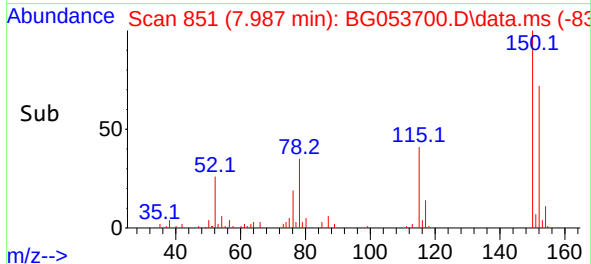
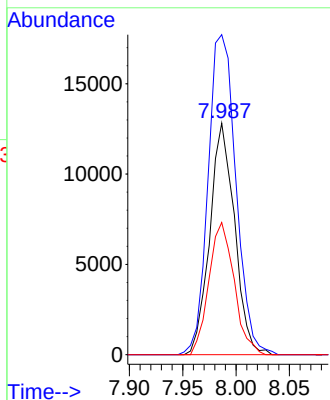
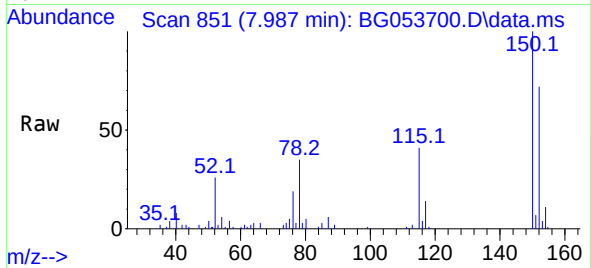




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 802
Delta R.T. 0.001 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

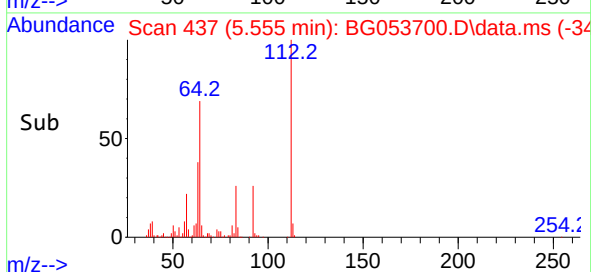
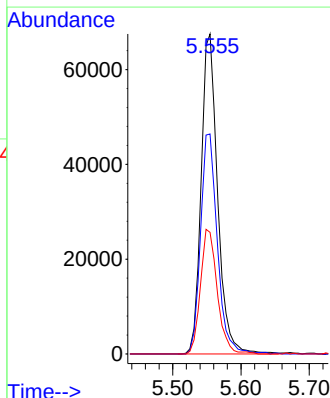
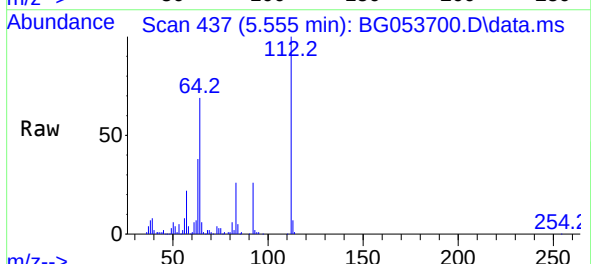
Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

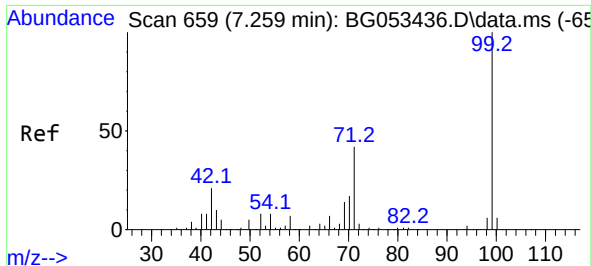
Tgt Ion:152 Resp: 20713
Ion Ratio Lower Upper
152 100
150 138.2 131.6 197.4
115 57.0 50.9 76.3



#5
2-Fluorophenol
Concen: 92.706 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.000 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Tgt Ion:112 Resp: 113145
Ion Ratio Lower Upper
112 100
64 68.8 55.1 82.7
63 38.0 30.4 45.6

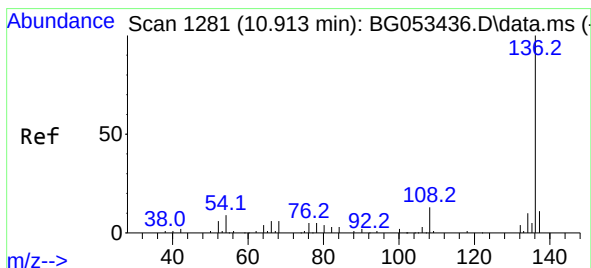
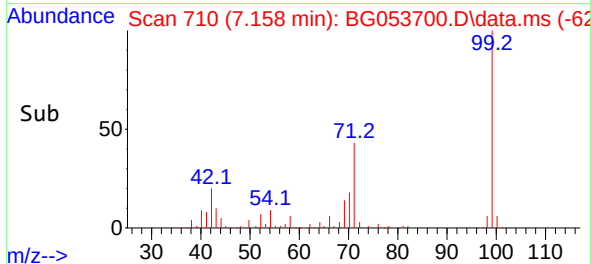
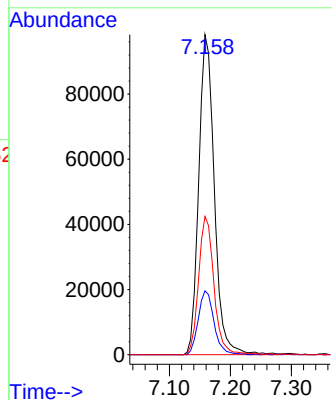
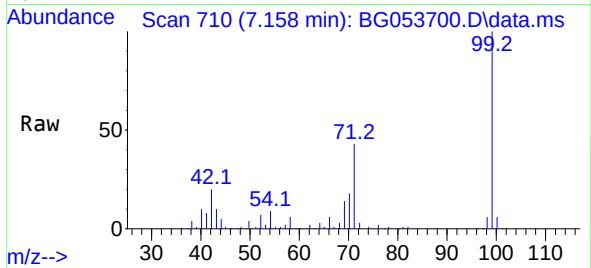




#7
Phenol-d6
Concen: 94.365 ng
RT: 7.158 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

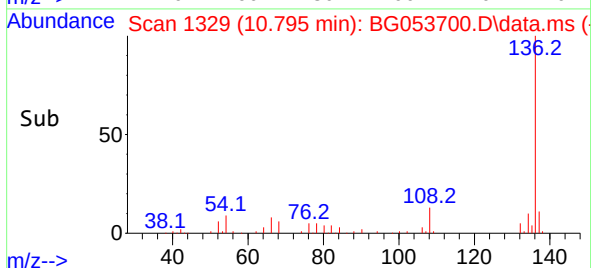
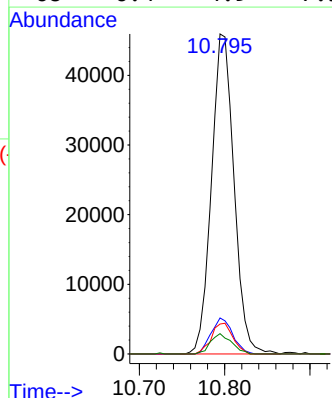
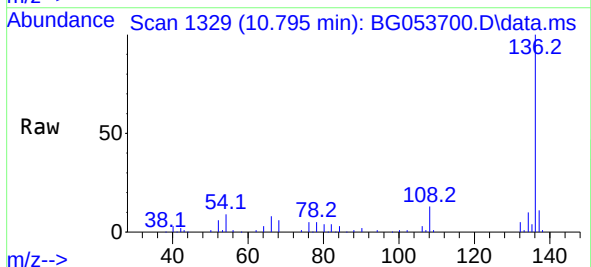
Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

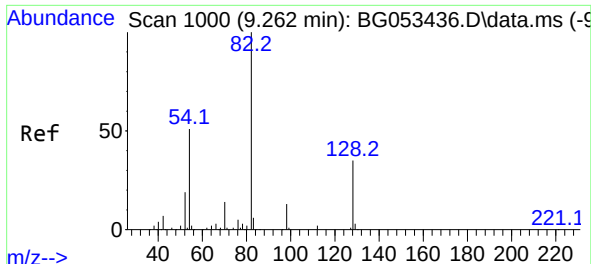
Tgt Ion: 99 Resp: 174787
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 43.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Tgt Ion: 136 Resp: 84257
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.3 7.4 11.2
68 6.4 4.9 7.3

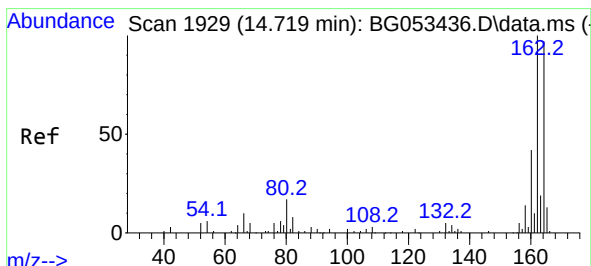
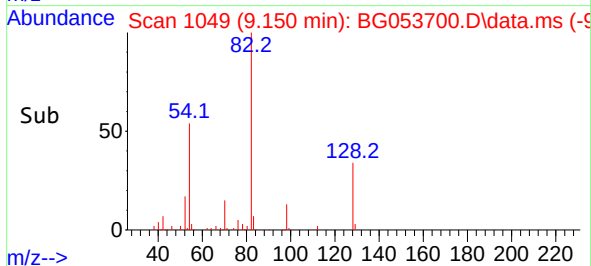
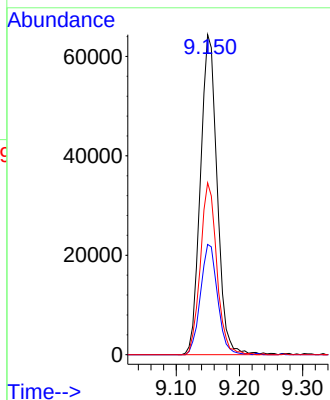
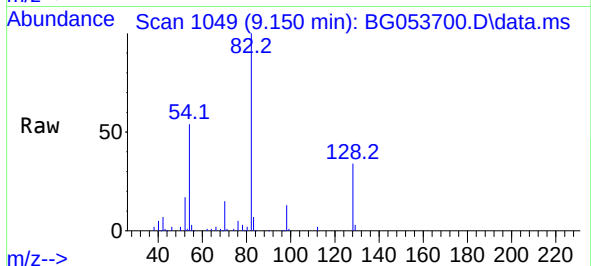




#23
Nitrobenzene-d5
Concen: 59.959 ng
RT: 9.150 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

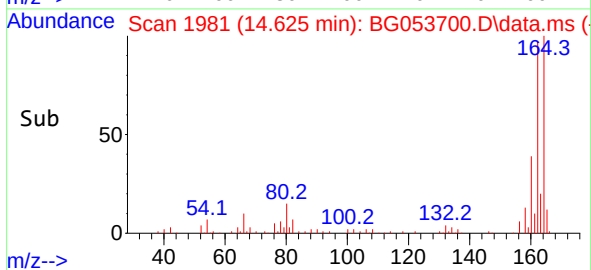
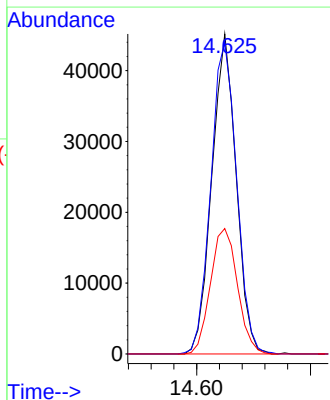
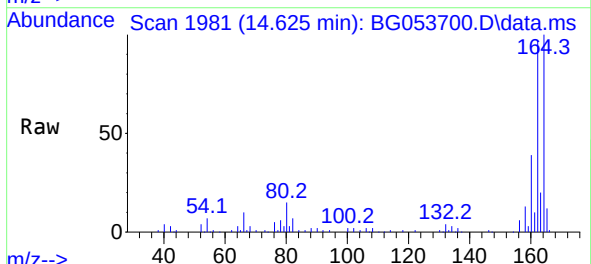
Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

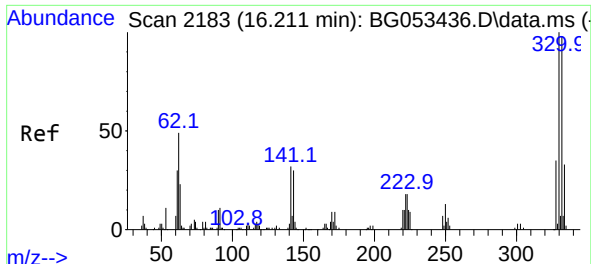
Tgt Ion: 82 Resp: 118679
Ion Ratio Lower Upper
82 100
128 34.5 27.9 41.9
54 53.7 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Tgt Ion:164 Resp: 67059
Ion Ratio Lower Upper
164 100
162 97.4 82.3 123.5
160 39.2 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 100.403 ng

RT: 16.117 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053700.D

Acq: 25 May 2022 19:10

Instrument :

BNA_G

ClientSampleId :

P024-SS005-0006-01

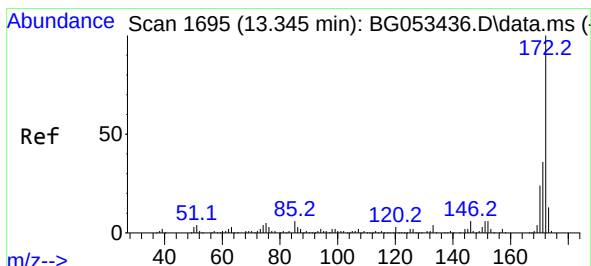
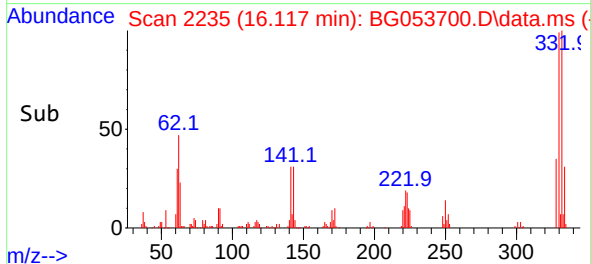
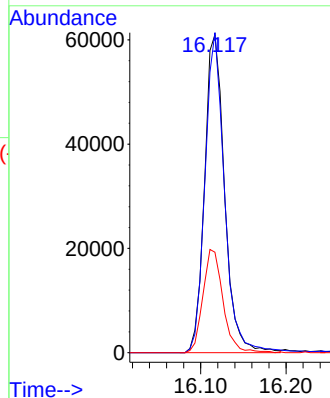
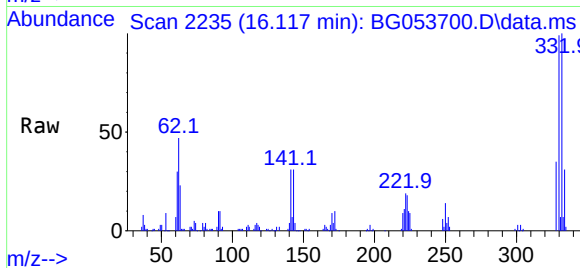
Tgt Ion:330 Resp: 99303

Ion Ratio Lower Upper

330 100

332 98.4 76.0 114.0

141 32.6 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 62.335 ng

RT: 13.244 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BG053700.D

Acq: 25 May 2022 19:10

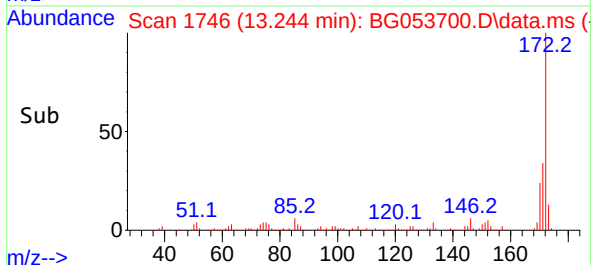
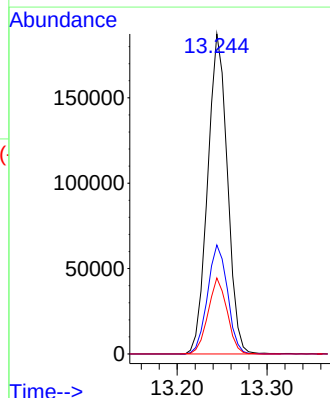
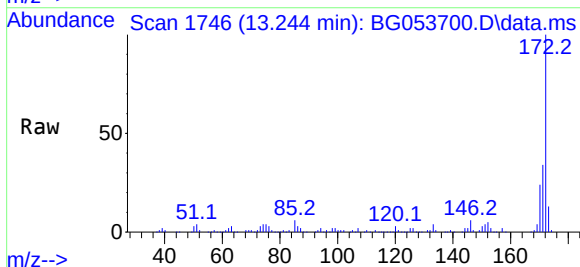
Tgt Ion:172 Resp: 286057

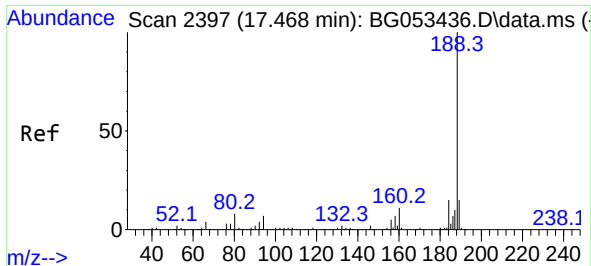
Ion Ratio Lower Upper

172 100

171 34.1 28.5 42.7

170 23.7 18.9 28.3

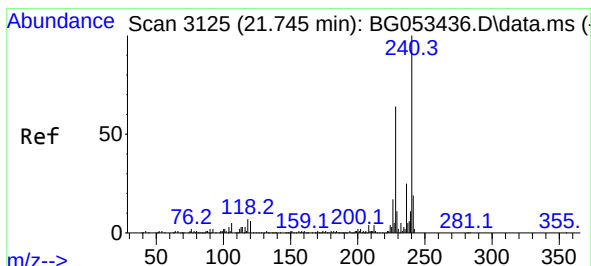
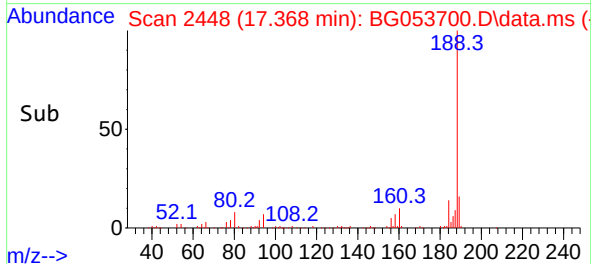
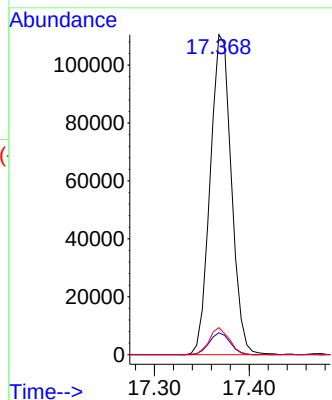
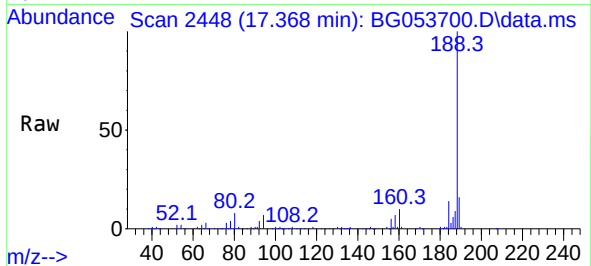




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

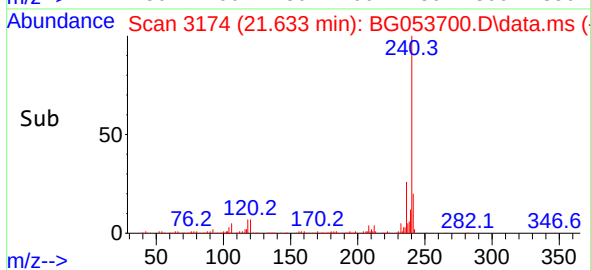
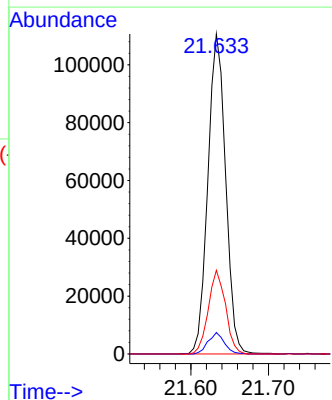
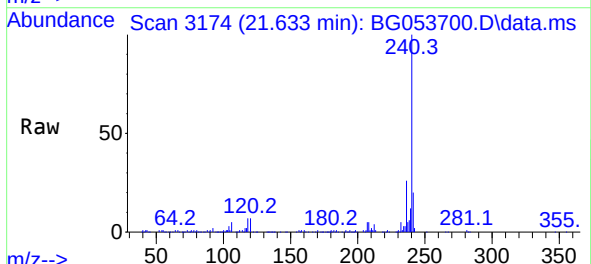
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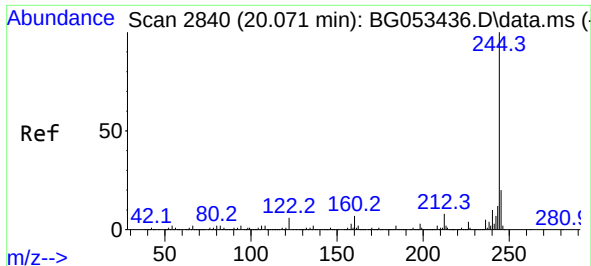
Tgt Ion:188 Resp: 171388
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 8.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Tgt Ion:240 Resp: 175745
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 26.2 20.2 30.4

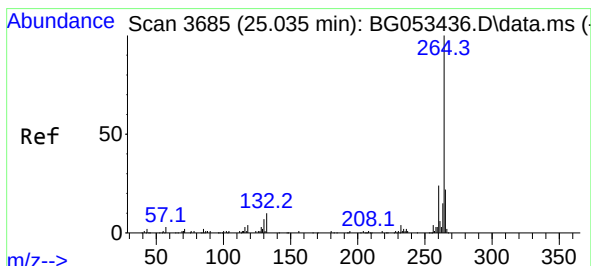
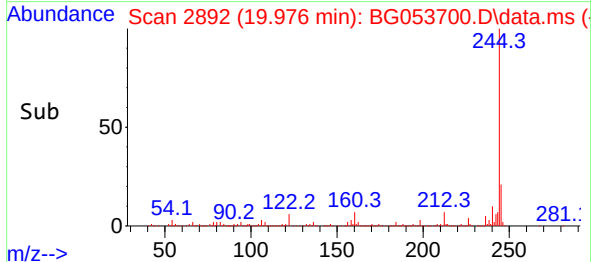
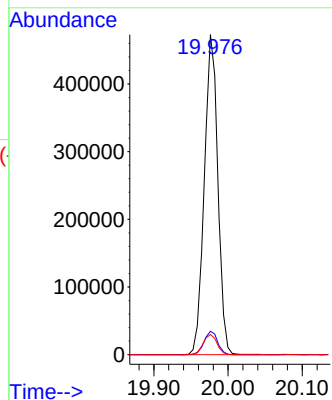
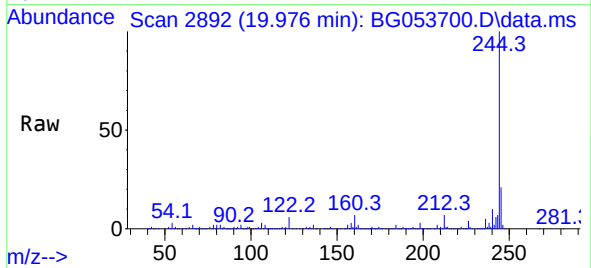




#79
Terphenyl-d14
Concen: 63.462 ng
RT: 19.976 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Instrument :
BNA_G
ClientSampleId :
P024-SS005-0006-01

Tgt Ion:244 Resp: 598835
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 6.3 5.0 7.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.840 min Scan# 3720
Delta R.T. 0.000 min
Lab File: BG053700.D
Acq: 25 May 2022 19:10

Tgt Ion:264 Resp: 175778
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 20.4 17.4 26.2

