

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
 Data File : BG055221.D
 Acq On : 20 Oct 2022 15:47
 Operator : CG/JU
 Sample : N5186-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEXAS-SP-1019

Quant Time: Oct 20 18:25:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 09:21:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	53480	20.000	ng	0.00
21) Naphthalene-d8	11.114	136	238324	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	145402	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	290603	20.000	ng	0.00
76) Chrysene-d12	21.913	240	241747	20.000	ng	0.00
86) Perylene-d12	25.326	264	250895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	505162	169.943	ng	0.00
7) Phenol-d6	7.424	99	624935	137.970	ng	0.00
23) Nitrobenzene-d5	9.457	82	477006	96.628	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	230015	152.666	ng	0.00
45) 2-Fluorobiphenyl	13.529	172	893190	98.121	ng	0.00
79) Terphenyl-d14	20.209	244	1227432	94.606	ng	0.00

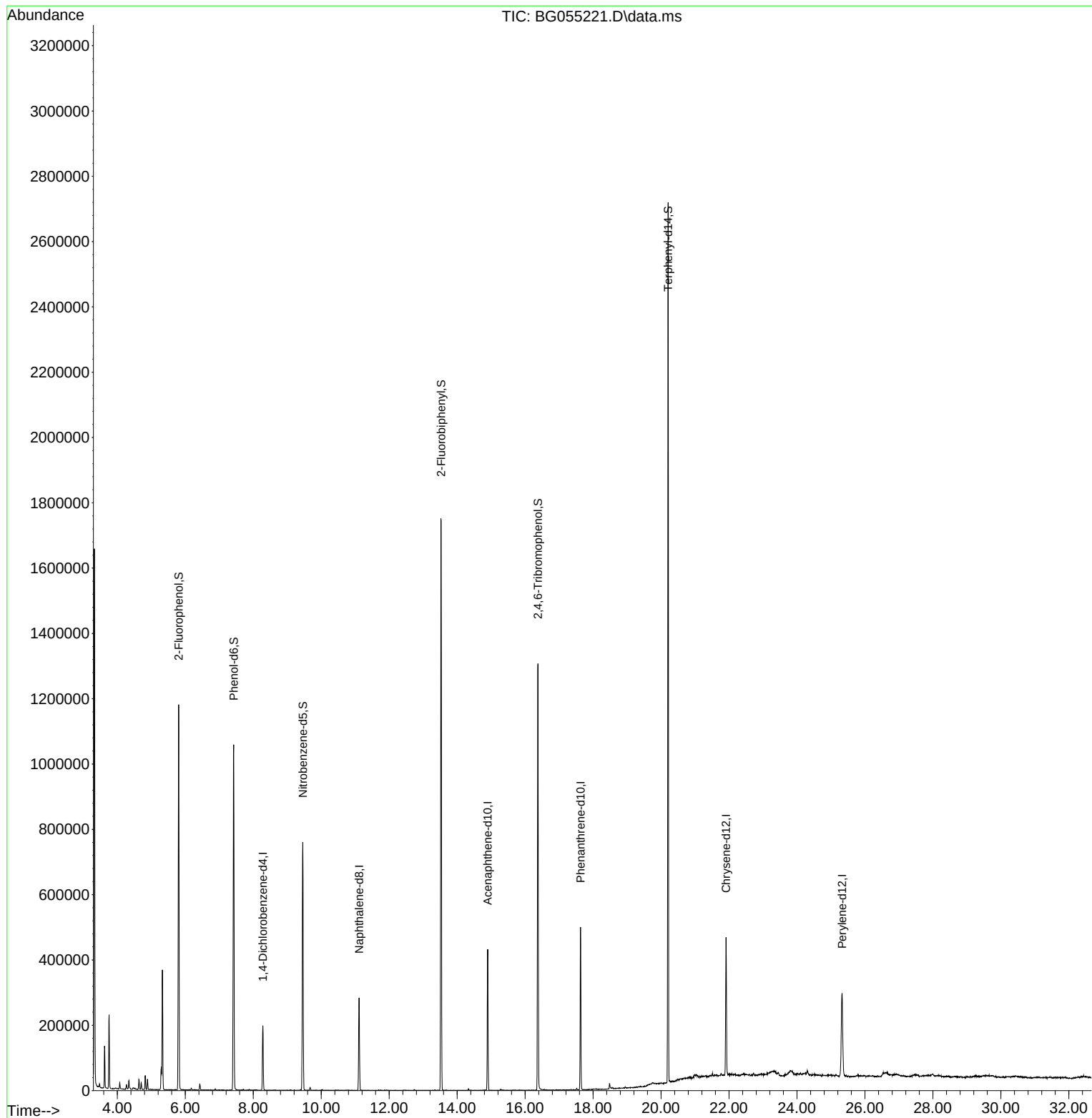
Target Compounds	Qvalue

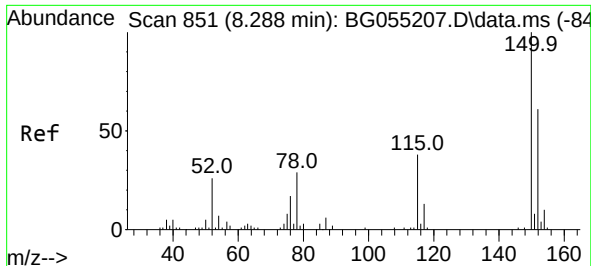
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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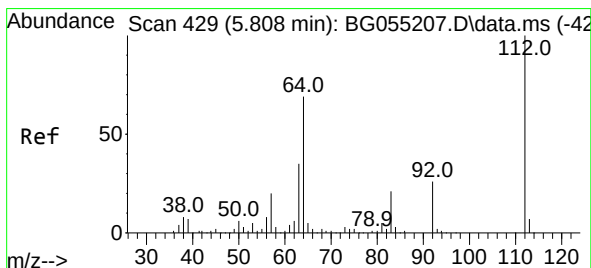
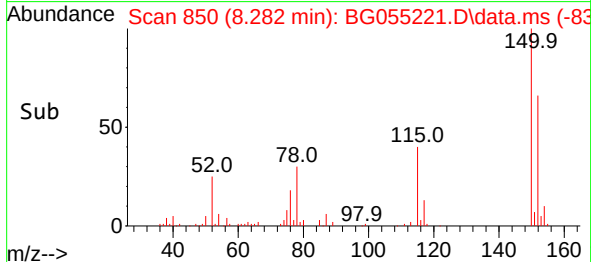
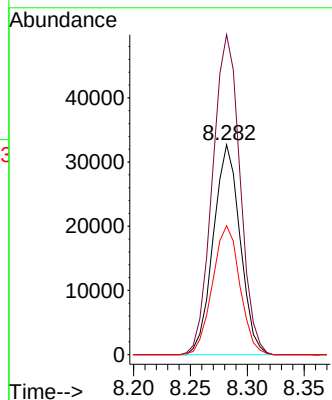
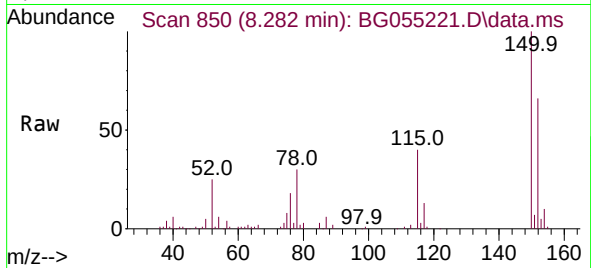




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.282 min Scan# 851
Delta R.T. -0.006 min
Lab File: BG055221.D
Acq: 20 Oct 2022 15:47

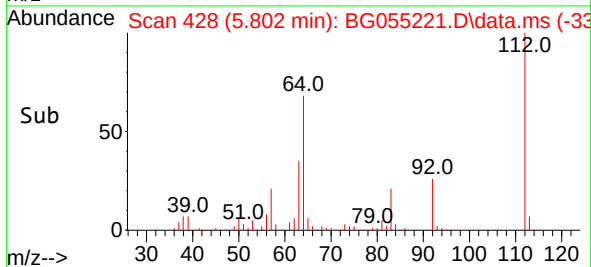
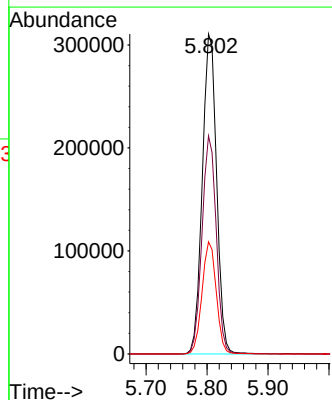
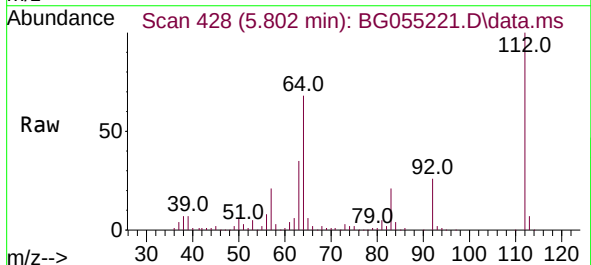
Instrument :
BNA_G
ClientSampleId :
TEXAS-SP-1019

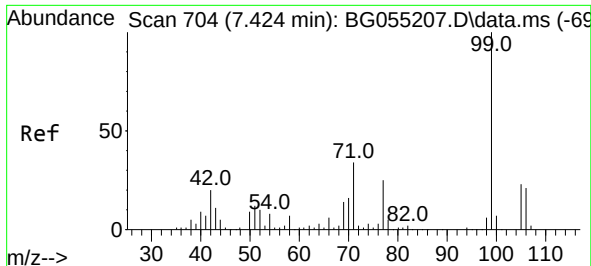
Tgt Ion:152 Resp: 53480
Ion Ratio Lower Upper
152 100
150 152.5 130.2 195.2
115 61.4 50.0 75.0



#5
2-Fluorophenol
Concen: 169.943 ng
RT: 5.802 min Scan# 428
Delta R.T. -0.006 min
Lab File: BG055221.D
Acq: 20 Oct 2022 15:47

Tgt Ion:112 Resp: 505162
Ion Ratio Lower Upper
112 100
64 68.1 55.1 82.7
63 35.0 27.8 41.6

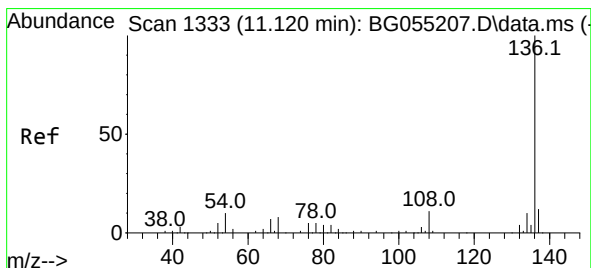
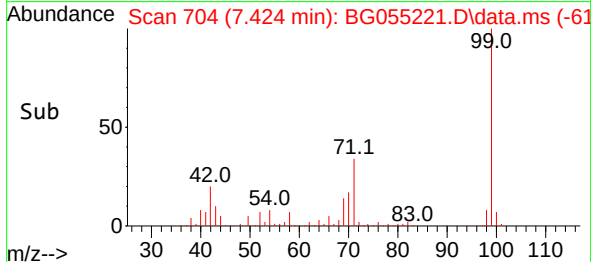
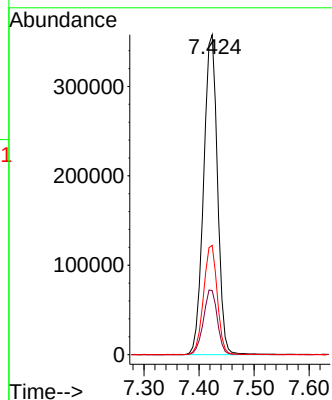
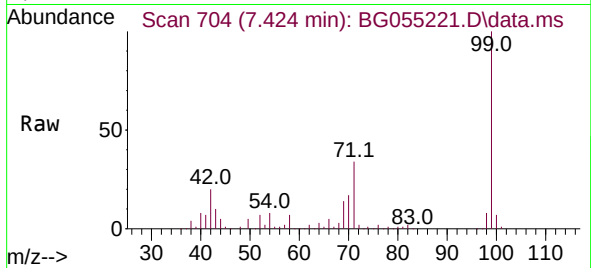




#7
Phenol-d6
Concen: 137.970 ng
RT: 7.424 min Scan# 704
Delta R.T. -0.000 min
Lab File: BG055221.D
Acq: 20 Oct 2022 15:47

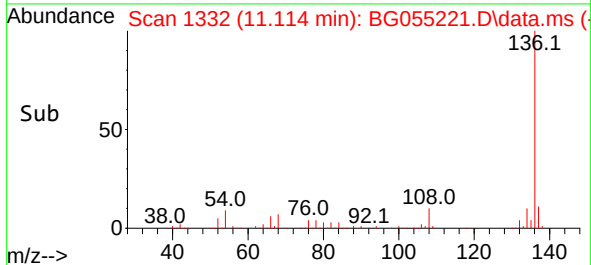
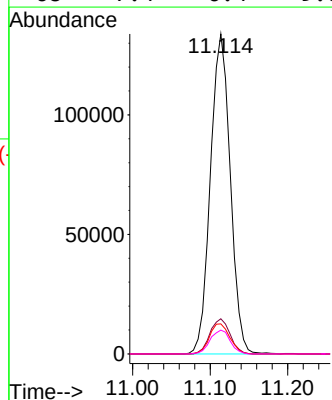
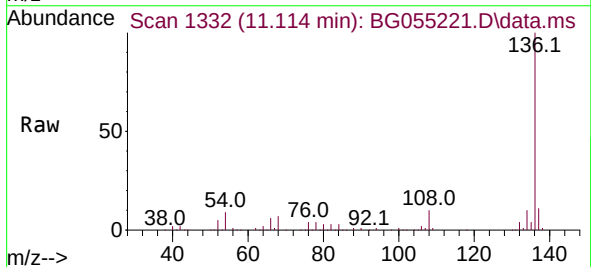
Instrument :
BNA_G
ClientSampleId :
TEXAS-SP-1019

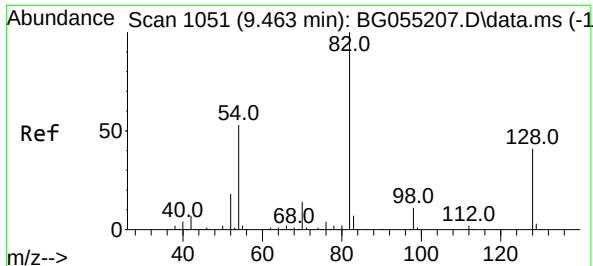
Tgt Ion: 99 Resp: 624935
Ion Ratio Lower Upper
99 100
42 20.0 16.2 24.4
71 34.1 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.114 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BG055221.D
Acq: 20 Oct 2022 15:47

Tgt Ion: 136 Resp: 238324
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 9.4 8.2 12.4
68 7.4 6.4 9.6

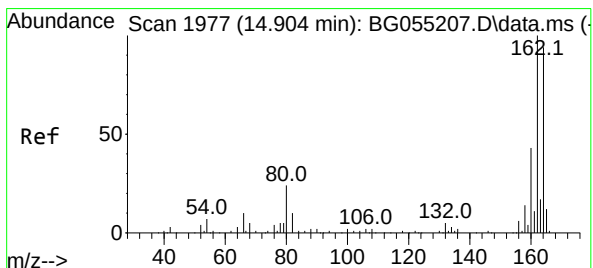
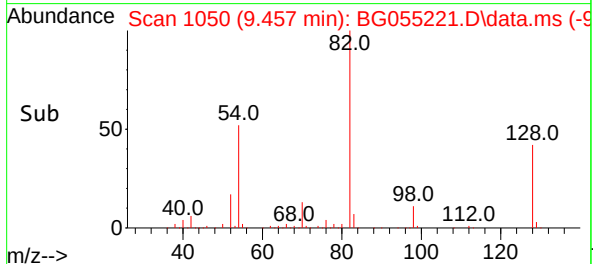
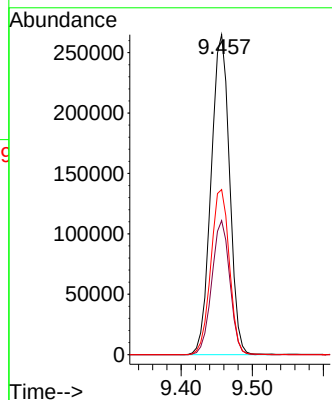
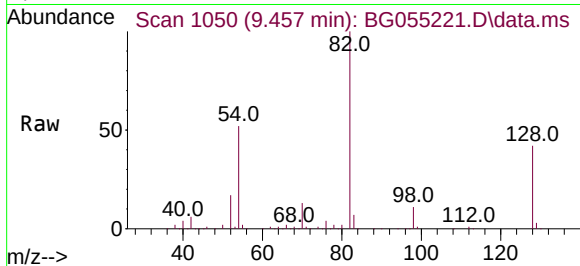




#23
 Nitrobenzene-d5
 Concen: 96.628 ng
 RT: 9.457 min Scan# 1050
 Delta R.T. -0.006 min
 Lab File: BG055221.D
 Acq: 20 Oct 2022 15:47

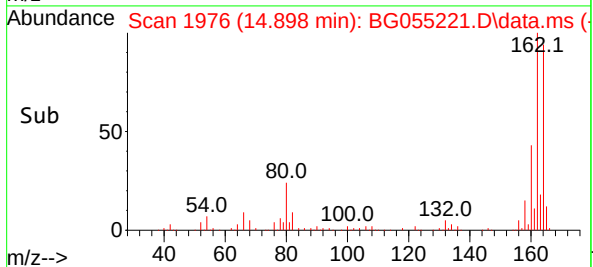
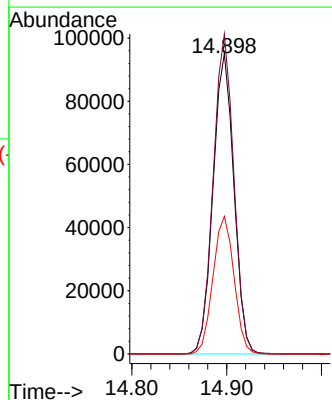
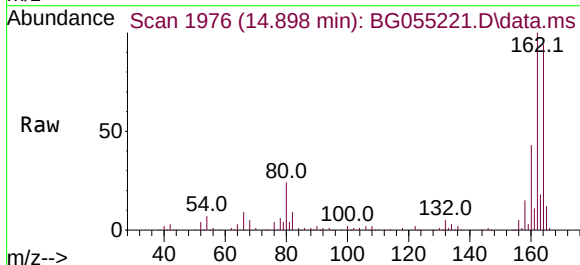
Instrument :
 BNA_G
 ClientSampleId :
 TEXAS-SP-1019

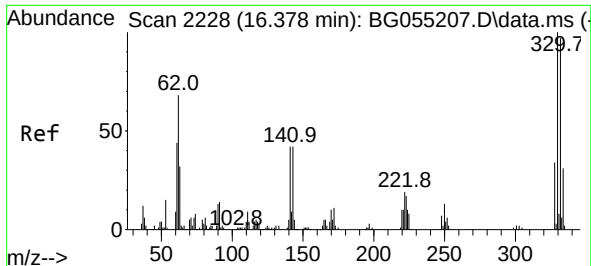
Tgt Ion: 82 Resp: 477006
 Ion Ratio Lower Upper
 82 100
 128 41.9 32.3 48.5
 54 51.6 42.6 63.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.898 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: BG055221.D
 Acq: 20 Oct 2022 15:47

Tgt Ion: 164 Resp: 145402
 Ion Ratio Lower Upper
 164 100
 162 106.6 85.2 127.8
 160 45.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 152.666 ng

RT: 16.378 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055221.D

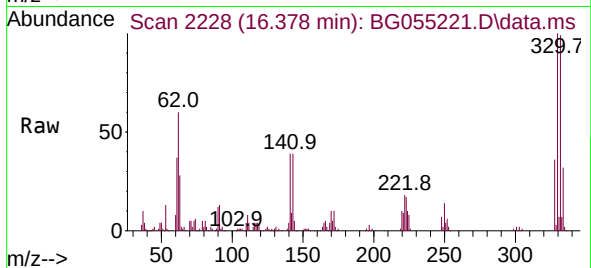
Acq: 20 Oct 2022 15:47

Instrument :

BNA_G

ClientSampleId :

TEXAS-SP-1019



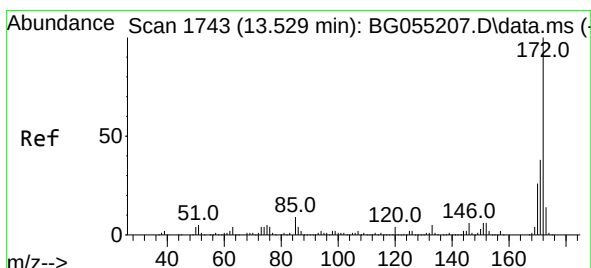
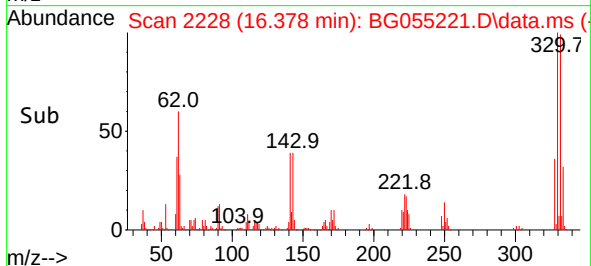
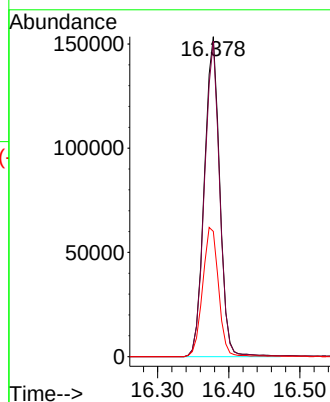
Tgt Ion:330 Resp: 230015

Ion Ratio Lower Upper

330 100

332 97.5 77.5 116.3

141 41.7 33.5 50.3



#45

2-Fluorobiphenyl

Concen: 98.121 ng

RT: 13.529 min Scan# 1743

Delta R.T. -0.000 min

Lab File: BG055221.D

Acq: 20 Oct 2022 15:47

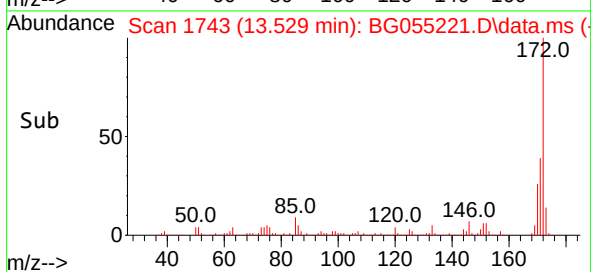
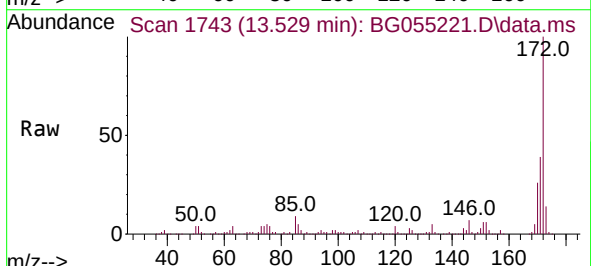
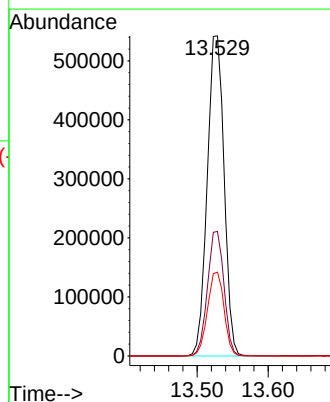
Tgt Ion:172 Resp: 893190

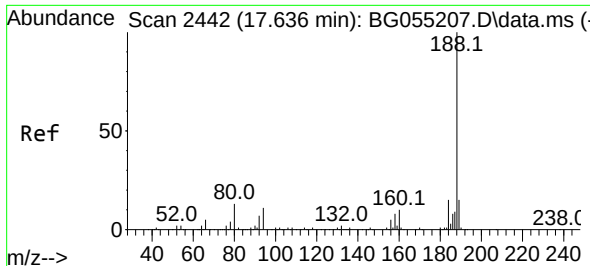
Ion Ratio Lower Upper

172 100

171 38.9 30.3 45.5

170 26.2 20.6 30.8

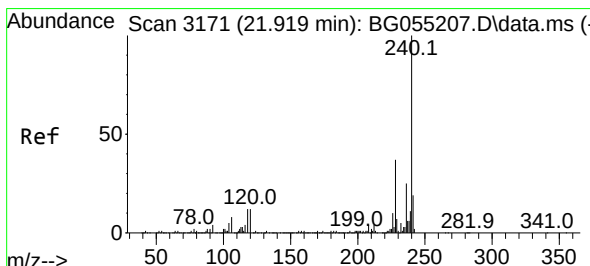
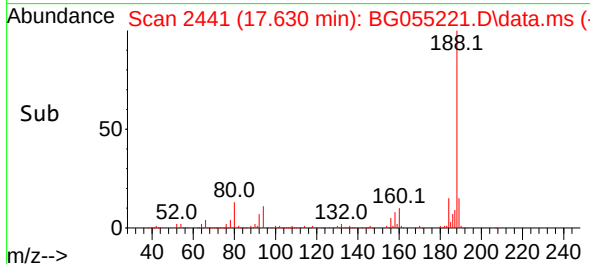
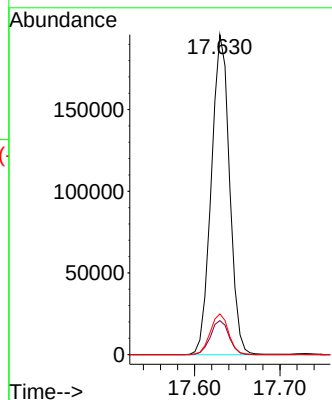
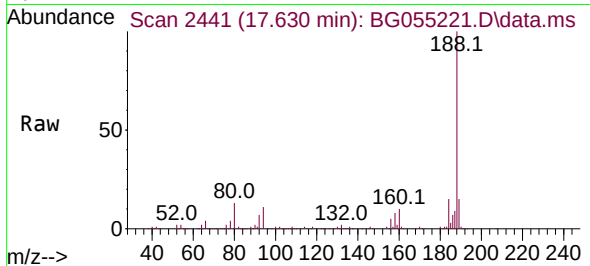




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BG055221.D
Acq: 20 Oct 2022 15:47

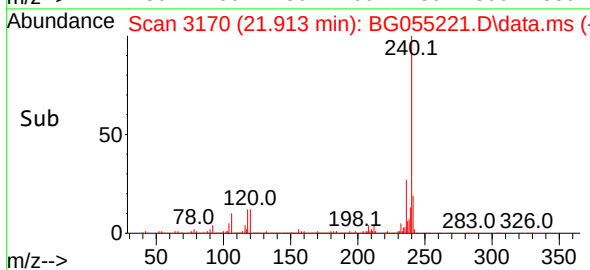
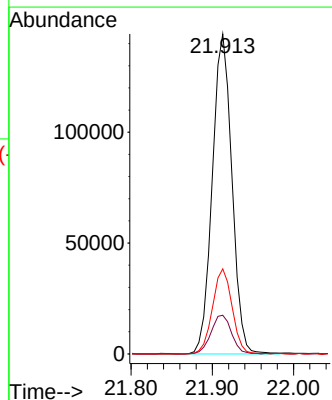
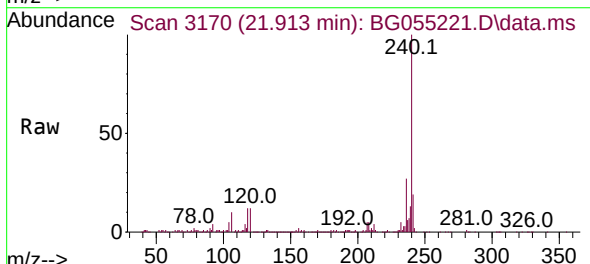
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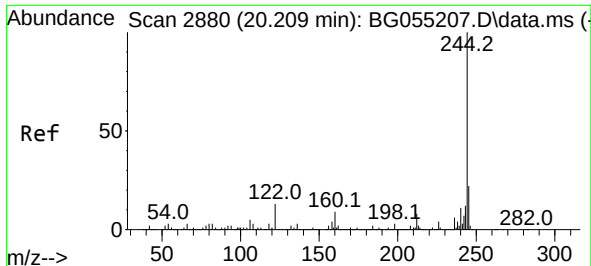
Tgt Ion:188 Resp: 290603
Ion Ratio Lower Upper
188 100
94 10.6 8.6 12.8
80 12.7 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG055221.D
Acq: 20 Oct 2022 15:47

Tgt Ion:240 Resp: 241747
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.6 20.4 30.6

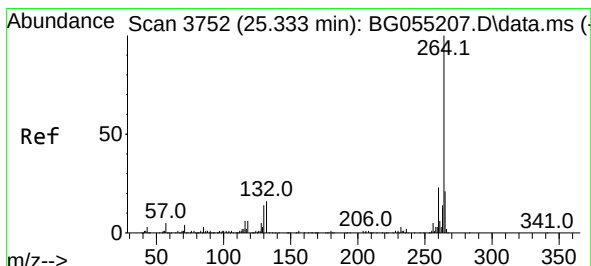
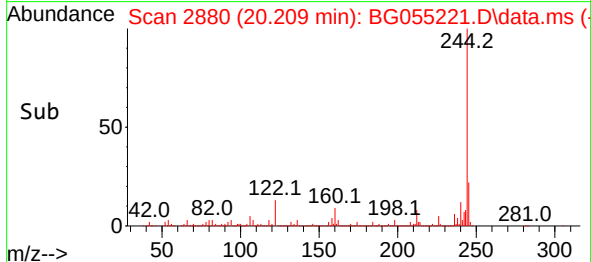
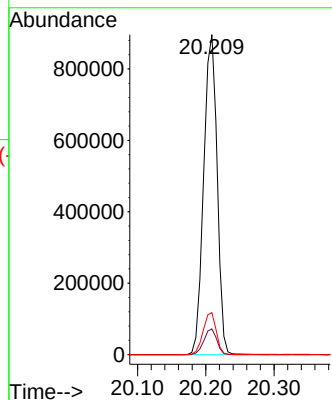
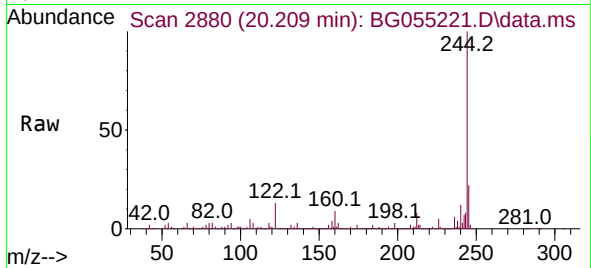




#79
 Terphenyl-d14
 Concen: 94.606 ng
 RT: 20.209 min Scan# 2880
 Delta R.T. -0.000 min
 Lab File: BG055221.D
 Acq: 20 Oct 2022 15:47

Instrument :
 BNA_G
 ClientSampleId :
 TEXAS-SP-1019

Tgt Ion:244 Resp: 1227432
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 13.1 10.0 15.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.326 min Scan# 3751
 Delta R.T. -0.006 min
 Lab File: BG055221.D
 Acq: 20 Oct 2022 15:47

Tgt Ion:264 Resp: 250895
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.6 27.8
 265 21.7 17.1 25.7

