

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055441.D
 Acq On : 3 Nov 2022 17:19
 Operator : CG/JU
 Sample : N5404-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 551B-4

Quant Time: Nov 03 18:34:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	28571	20.000	ng	-0.01
21) Naphthalene-d8	11.067	136	118352	20.000	ng	0.00
39) Acenaphthene-d10	14.850	164	85982	20.000	ng	-0.01
64) Phenanthrene-d10	17.583	188	198221	20.000	ng	-0.01
76) Chrysene-d12	21.860	240	204472	20.000	ng	-0.01
86) Perylene-d12	25.226	264	219494	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	75554	47.490	ng	0.00
7) Phenol-d6	7.383	99	58634	26.576	ng	-0.01
23) Nitrobenzene-d5	9.410	82	162529	73.188	ng	-0.01
42) 2,4,6-Tribromophenol	16.331	330	135308	115.370	ng	-0.01
45) 2-Fluorobiphenyl	13.476	172	416976	71.902	ng	-0.01
79) Terphenyl-d14	20.162	244	441856	42.021	ng	0.00

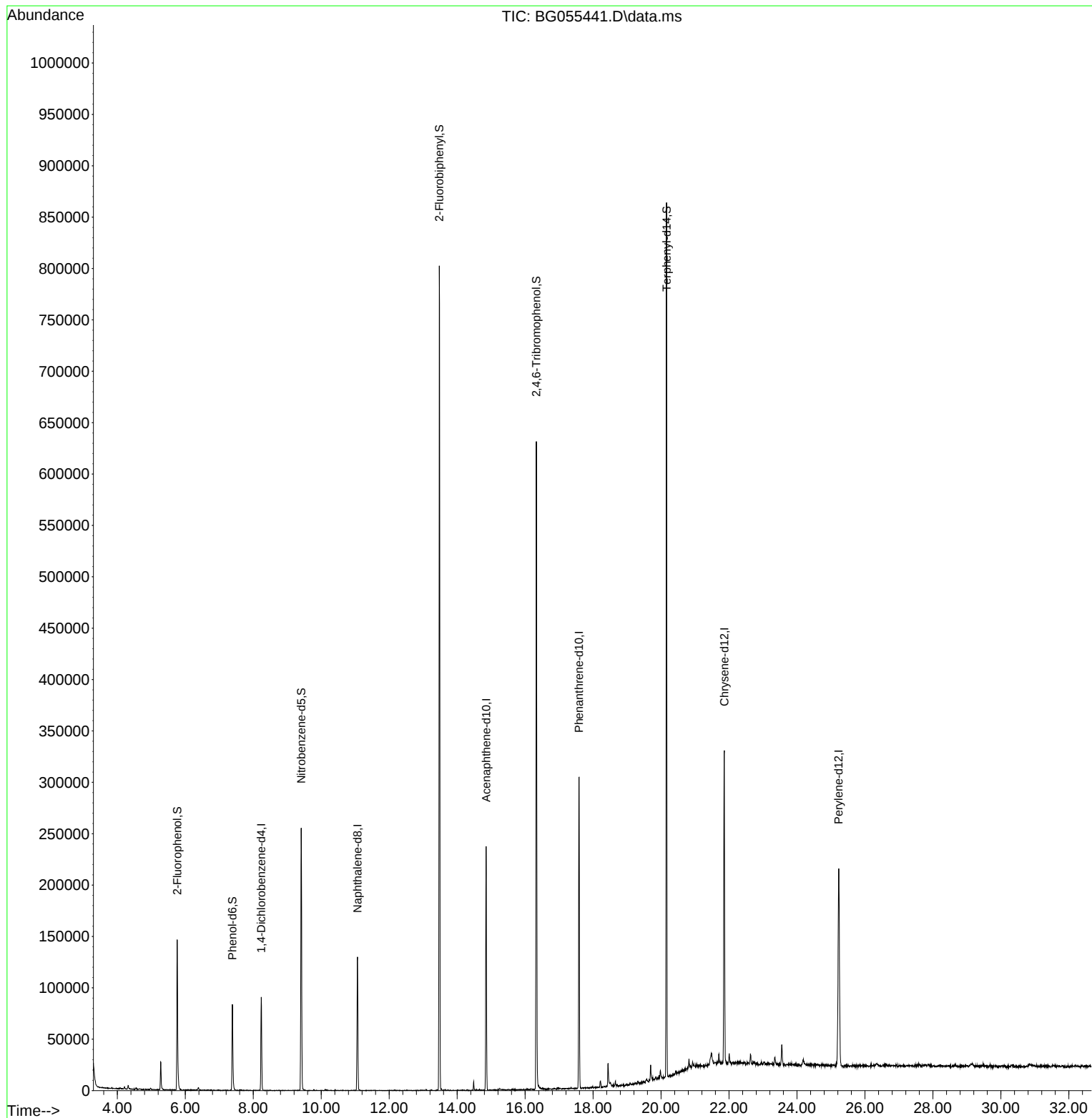
Target Compounds	Qvalue

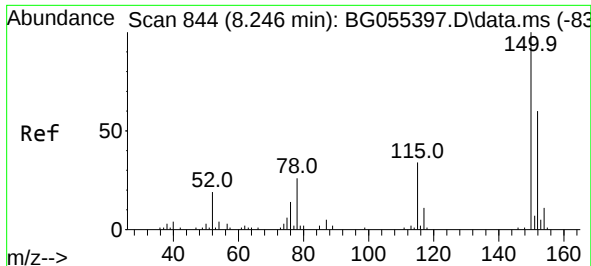
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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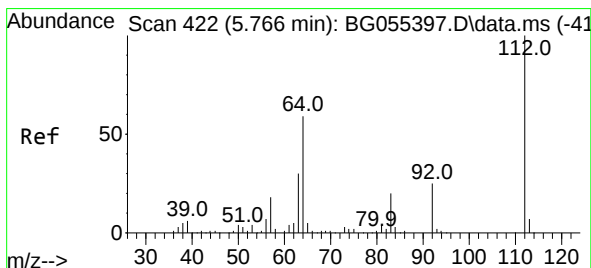
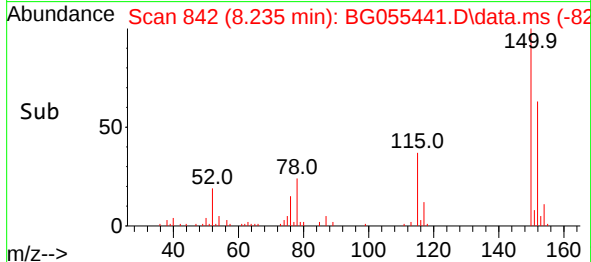
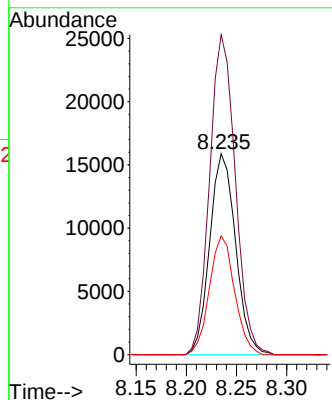
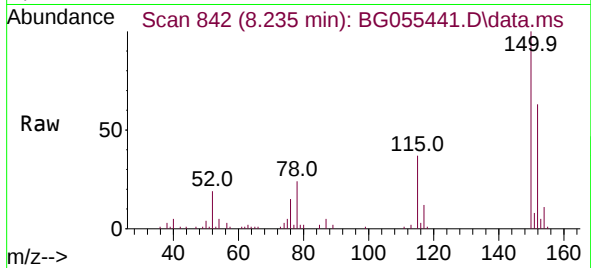




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 844
Delta R.T. -0.011 min
Lab File: BG055441.D
Acq: 3 Nov 2022 17:19

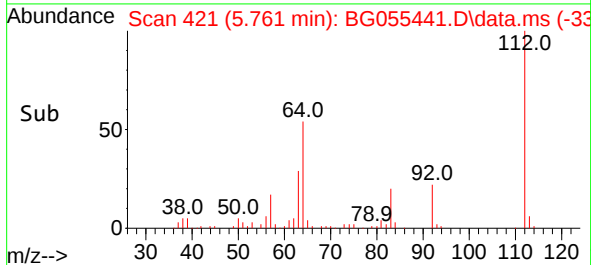
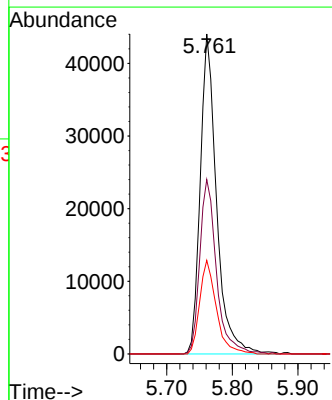
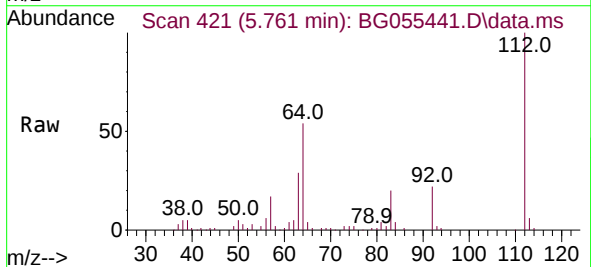
Instrument :
BNA_G
ClientSampleId :
551B-4

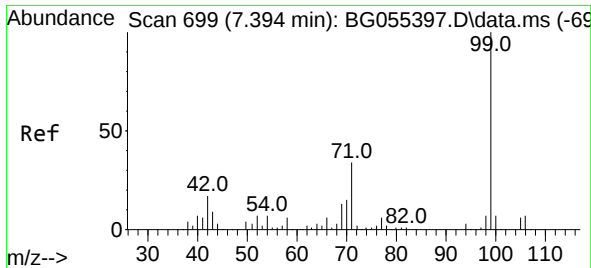
Tgt Ion:152 Resp: 28571
Ion Ratio Lower Upper
152 100
150 159.3 132.8 199.2
115 59.1 45.1 67.7



#5
2-Fluorophenol
Concen: 47.490 ng
RT: 5.761 min Scan# 421
Delta R.T. -0.005 min
Lab File: BG055441.D
Acq: 3 Nov 2022 17:19

Tgt Ion:112 Resp: 75554
Ion Ratio Lower Upper
112 100
64 54.5 47.2 70.8
63 29.2 24.3 36.5

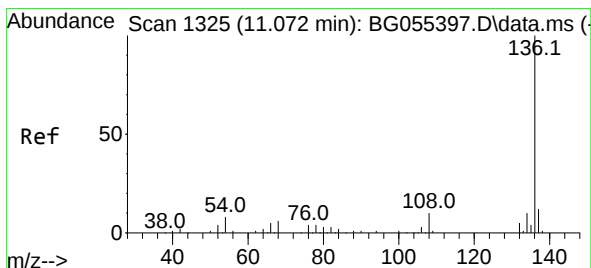
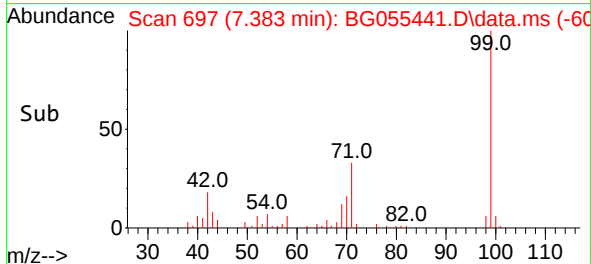
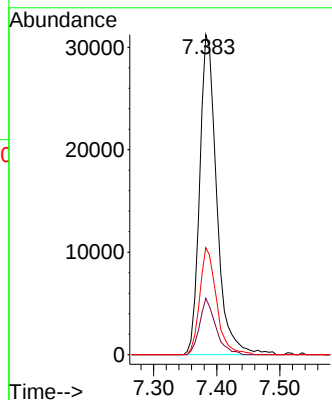
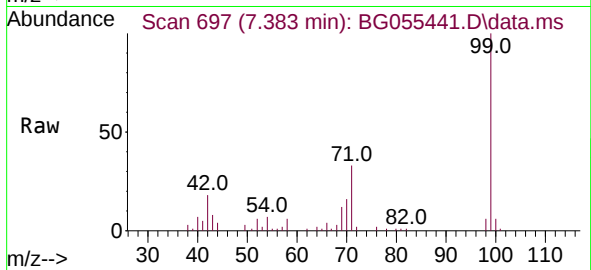




#7
Phenol-d6
Concen: 26.576 ng
RT: 7.383 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG055441.D
Acq: 3 Nov 2022 17:19

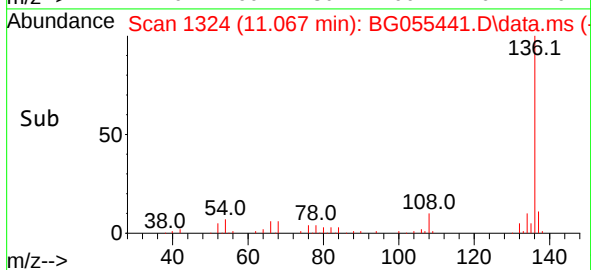
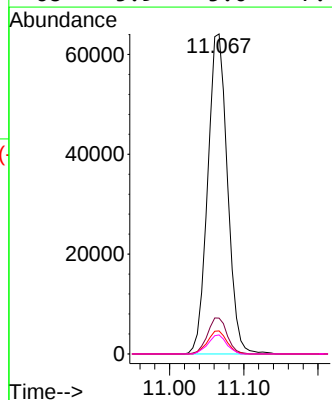
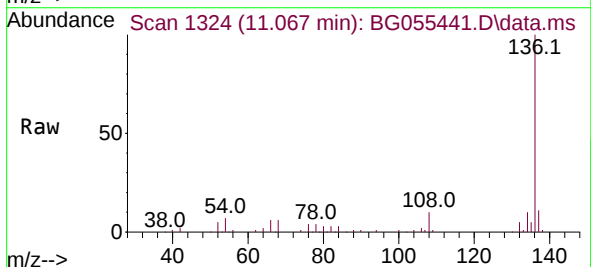
Instrument :
BNA_G
ClientSampleId :
551B-4

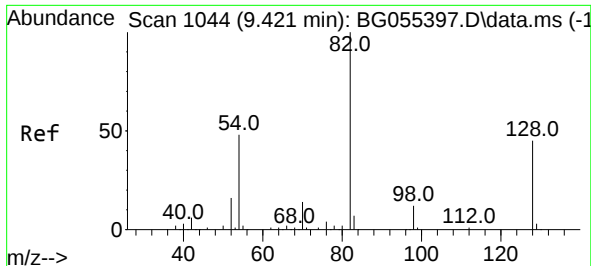
Tgt Ion: 99 Resp: 58634
Ion Ratio Lower Upper
99 100
42 17.6 13.5 20.3
71 33.4 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BG055441.D
Acq: 3 Nov 2022 17:19

Tgt Ion: 136 Resp: 118352
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 7.2 6.1 9.1
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 73.188 ng

RT: 9.410 min Scan# 1044

Delta R.T. -0.011 min

Lab File: BG055441.D

Acq: 3 Nov 2022 17:19

Instrument :

BNA_G

ClientSampleId :

551B-4

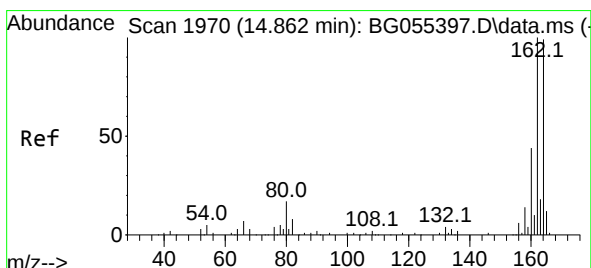
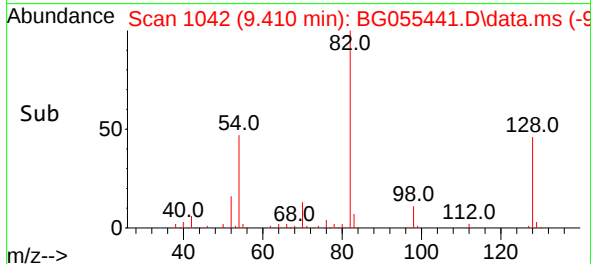
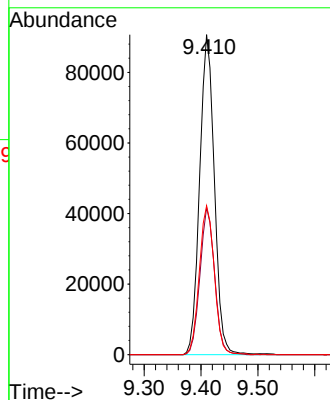
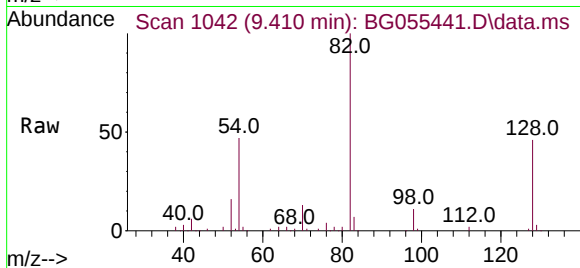
Tgt Ion: 82 Resp: 162529

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.8

54 46.5 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.850 min Scan# 1968

Delta R.T. -0.012 min

Lab File: BG055441.D

Acq: 3 Nov 2022 17:19

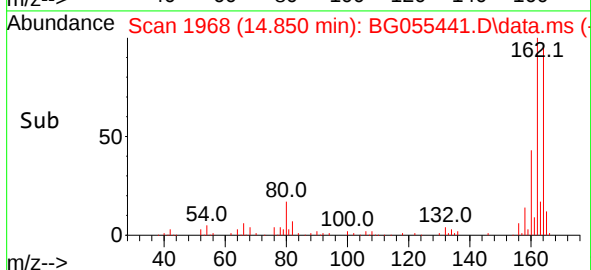
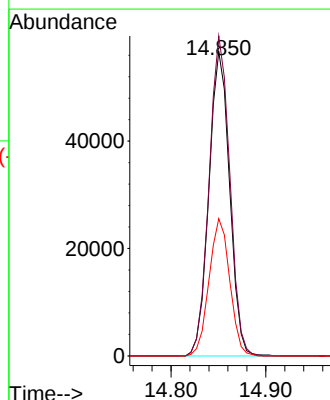
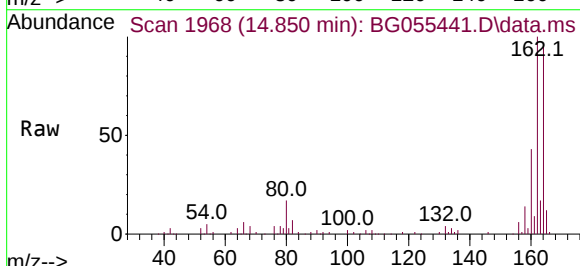
Tgt Ion: 164 Resp: 85982

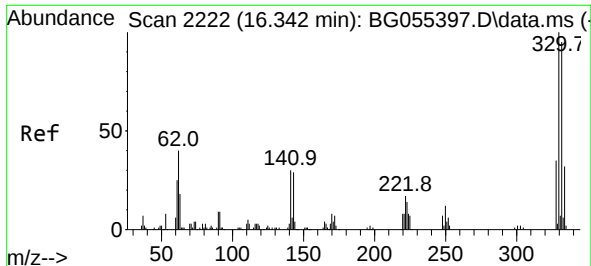
Ion Ratio Lower Upper

164 100

162 105.2 81.1 121.7

160 45.1 35.8 53.6

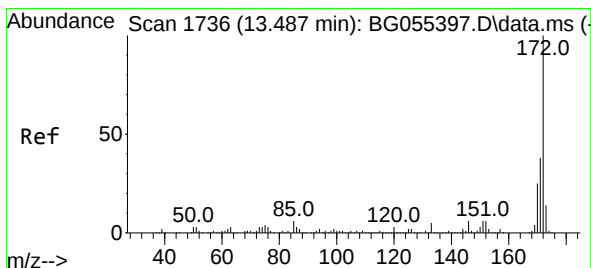
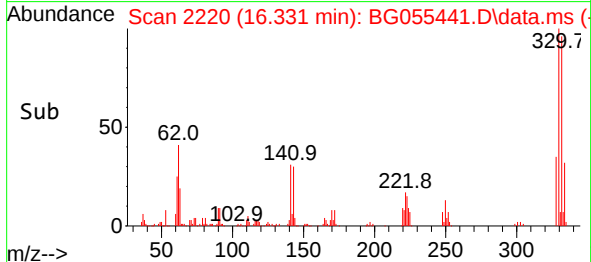
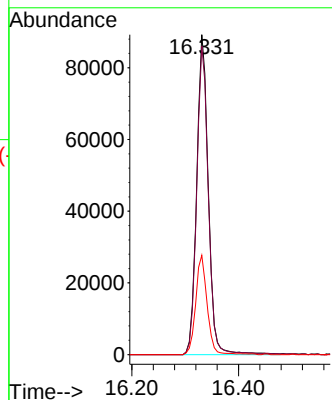
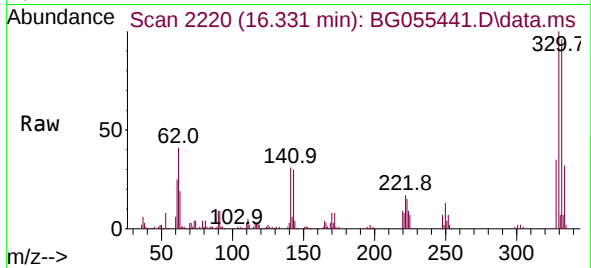




#42
2,4,6-Tribromophenol
Concen: 115.370 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG055441.D
Acq: 3 Nov 2022 17:19

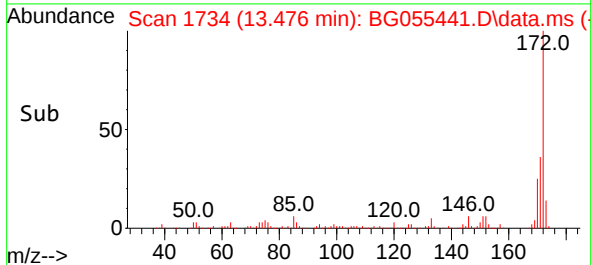
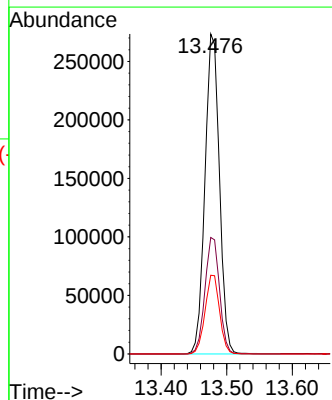
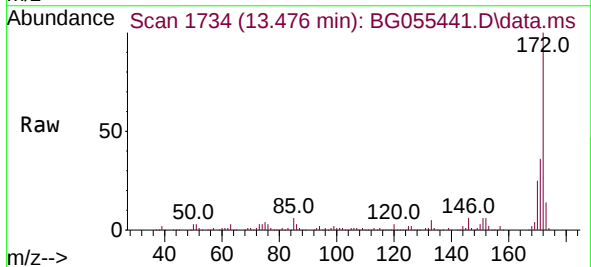
Instrument :
BNA_G
ClientSampleId :
551B-4

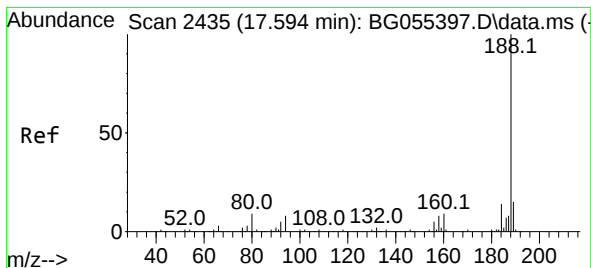
Tgt Ion:330 Resp: 135308
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.6
141 30.5 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 71.902 ng
RT: 13.476 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BG055441.D
Acq: 3 Nov 2022 17:19

Tgt Ion:172 Resp: 416976
Ion Ratio Lower Upper
172 100
171 36.4 30.2 45.2
170 24.6 20.2 30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.583 min Scan# 2433

Delta R.T. -0.012 min

Lab File: BG055441.D

Acq: 3 Nov 2022 17:19

Instrument :

BNA_G

ClientSampleId :

551B-4

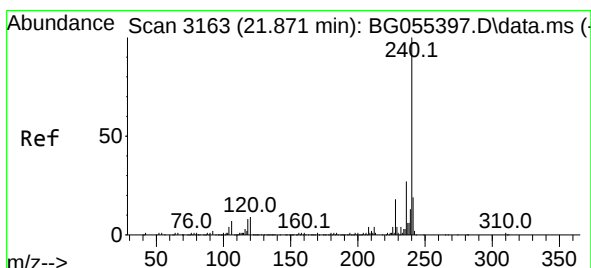
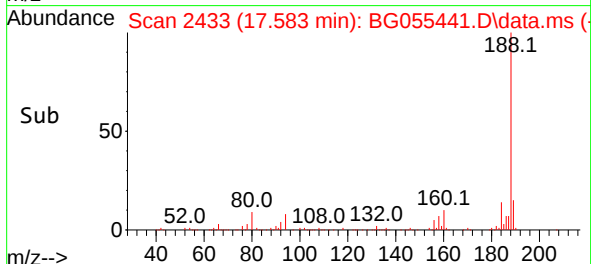
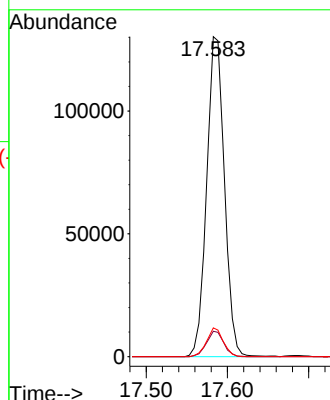
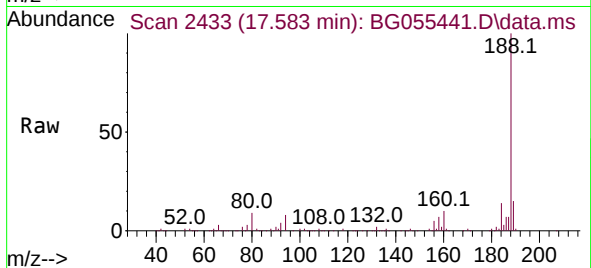
Tgt Ion:188 Resp: 198221

Ion Ratio Lower Upper

188 100

94 7.9 6.5 9.7

80 9.0 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.860 min Scan# 3161

Delta R.T. -0.011 min

Lab File: BG055441.D

Acq: 3 Nov 2022 17:19

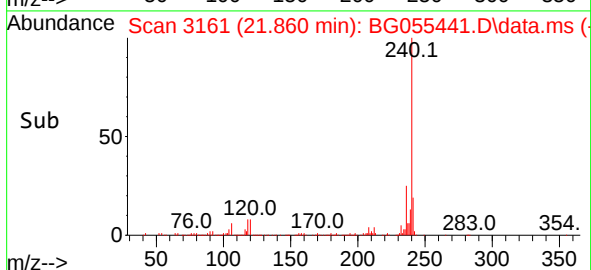
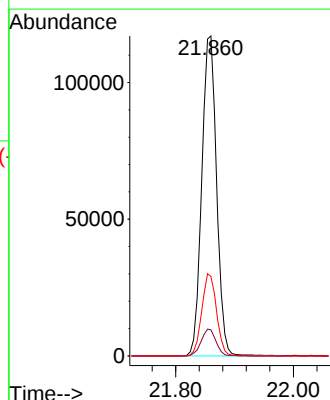
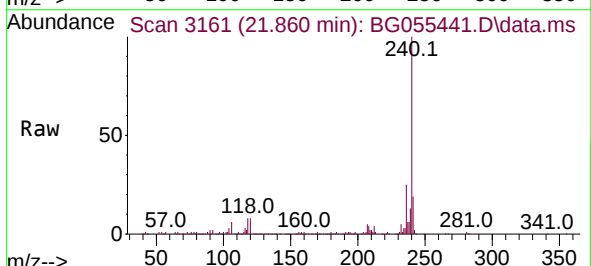
Tgt Ion:240 Resp: 204472

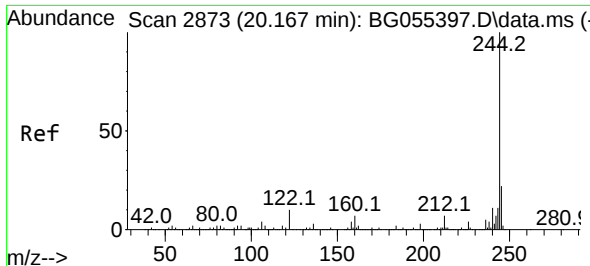
Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

236 24.8 21.5 32.3

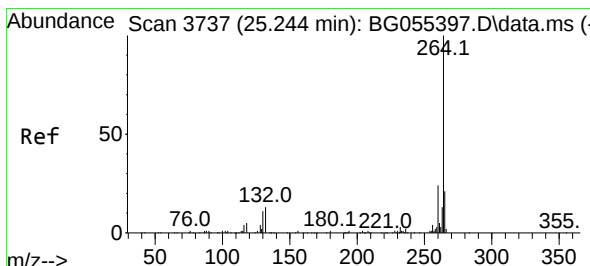
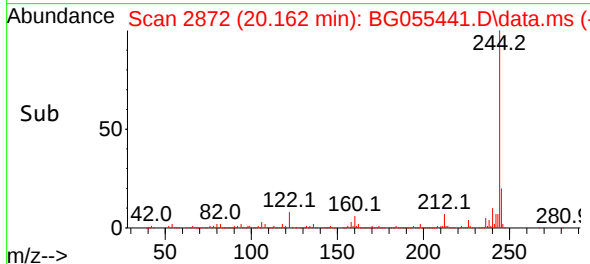
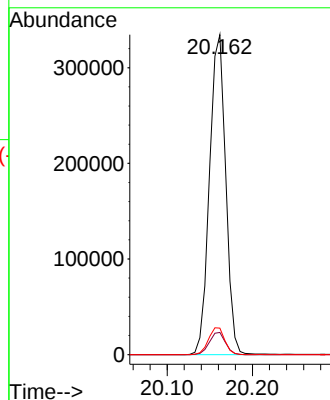
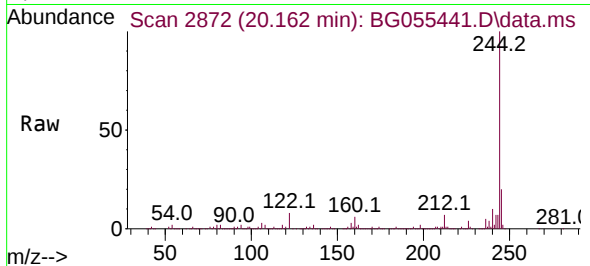




#79
 Terphenyl-d14
 Concen: 42.021 ng
 RT: 20.162 min Scan# 2872
 Delta R.T. -0.005 min
 Lab File: BG055441.D
 Acq: 3 Nov 2022 17:19

Instrument :
 BNA_G
 ClientSampleId :
 551B-4

Tgt Ion:244 Resp: 441856
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 8.3 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.226 min Scan# 3734
 Delta R.T. -0.017 min
 Lab File: BG055441.D
 Acq: 3 Nov 2022 17:19

Tgt Ion:264 Resp: 219494
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 22.6 17.1 25.7

