

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055463.D
 Acq On : 4 Nov 2022 21:18
 Operator : CG/JU
 Sample : N5418-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-K

Quant Time: Nov 05 00:05:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 05:28:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	23225	20.000	ng	0.00
21) Naphthalene-d8	11.058	136	95764	20.000	ng	# 0.00
39) Acenaphthene-d10	14.847	164	66778	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	171115	20.000	ng	0.00
76) Chrysene-d12	21.851	240	190122	20.000	ng	0.00
86) Perylene-d12	25.218	264	204055	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	202762	156.784	ng	0.00
7) Phenol-d6	7.380	99	244849	136.526	ng	0.00
23) Nitrobenzene-d5	9.407	82	169256	94.195	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	152994	167.965	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	430933	95.679	ng	0.00
79) Terphenyl-d14	20.159	244	917792	93.870	ng	0.00

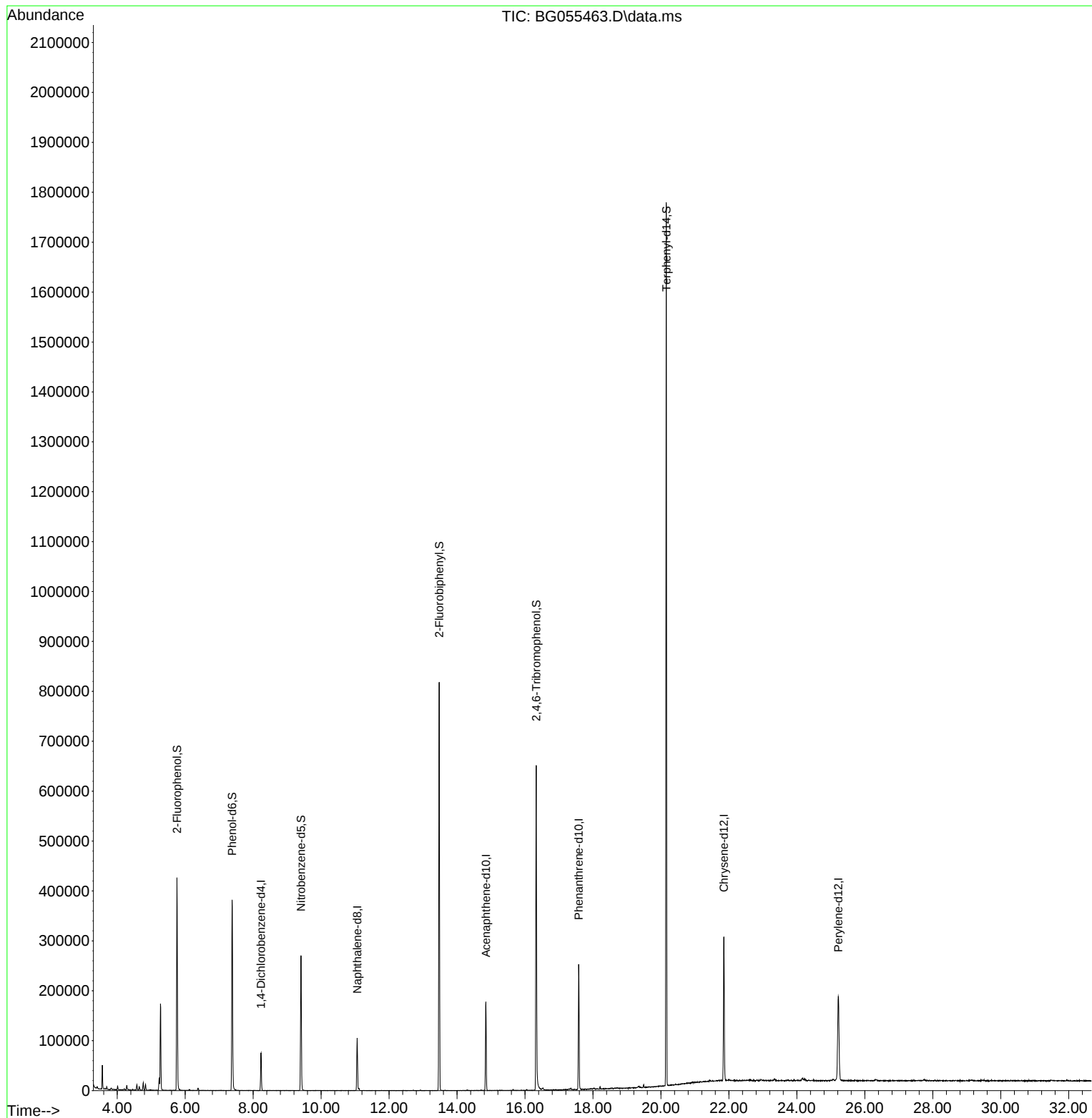
Target Compounds Qvalue

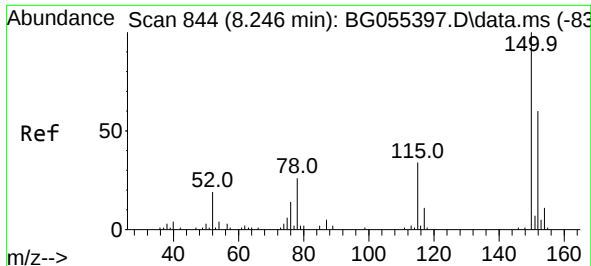
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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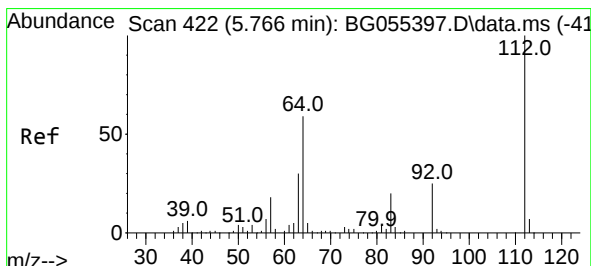
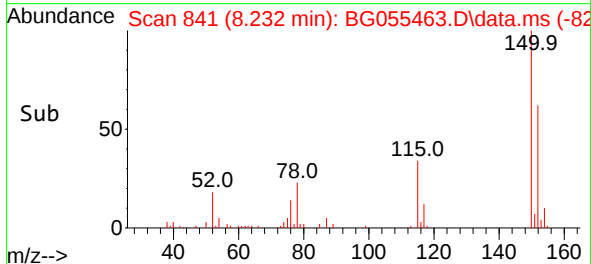
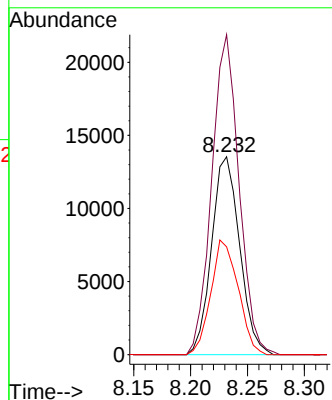
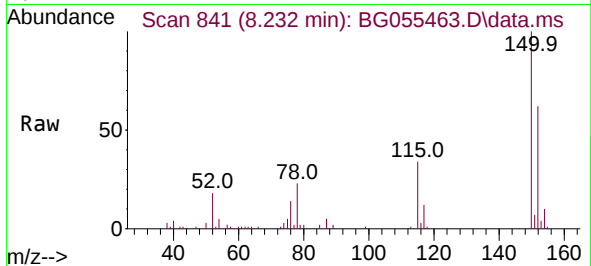




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.232 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

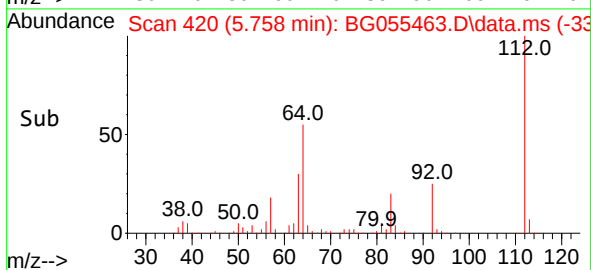
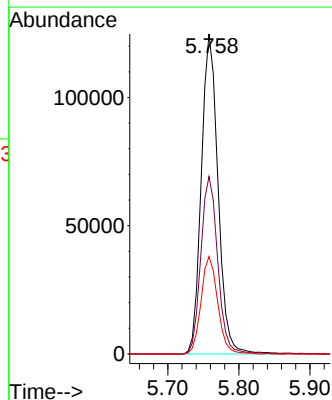
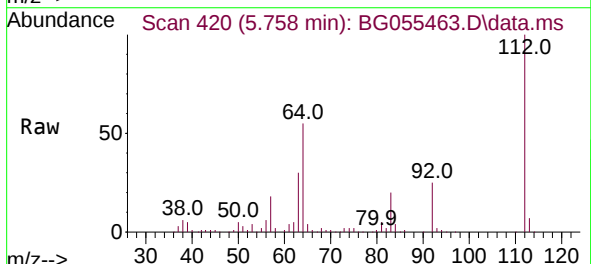
Instrument :
BNA_G
ClientSampleId :
TP-K

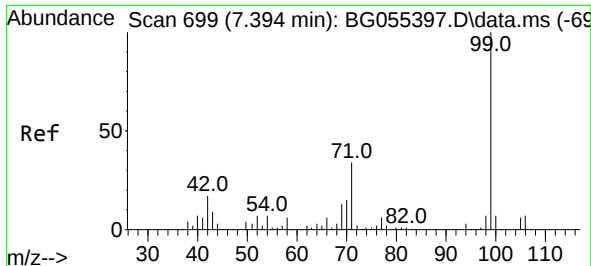
Tgt Ion:152 Resp: 23225
Ion Ratio Lower Upper
152 100
150 161.8 132.8 199.2
115 54.5 45.1 67.7



#5
2-Fluorophenol
Concen: 156.784 ng
RT: 5.758 min Scan# 420
Delta R.T. -0.004 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

Tgt Ion:112 Resp: 202762
Ion Ratio Lower Upper
112 100
64 55.4 47.2 70.8
63 30.4 24.3 36.5

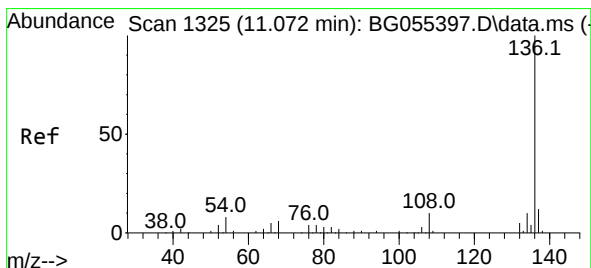
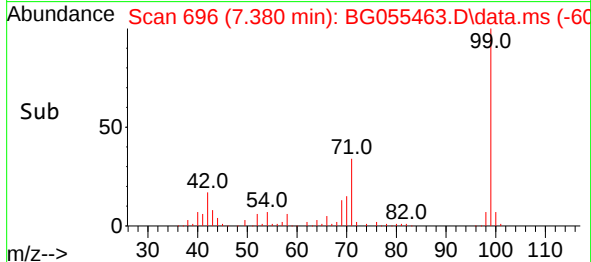
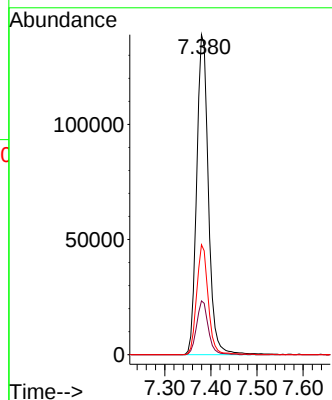
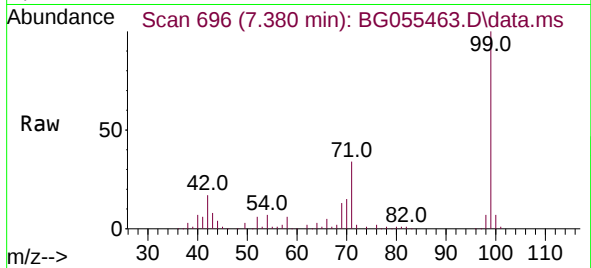




#7
Phenol-d6
Concen: 136.526 ng
RT: 7.380 min Scan# 699
Delta R.T. -0.004 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

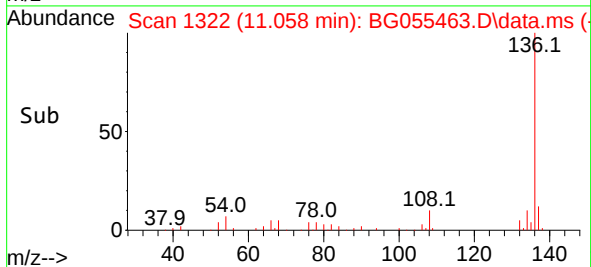
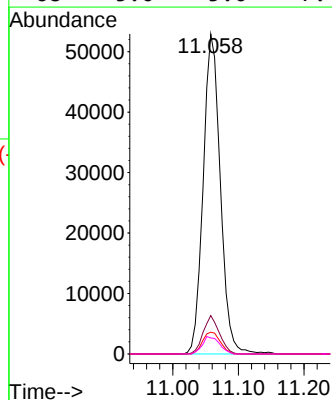
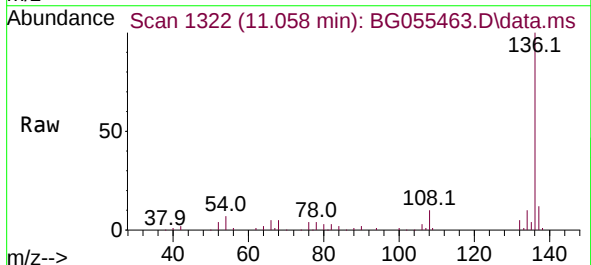
Instrument :
BNA_G
ClientSampleId :
TP-K

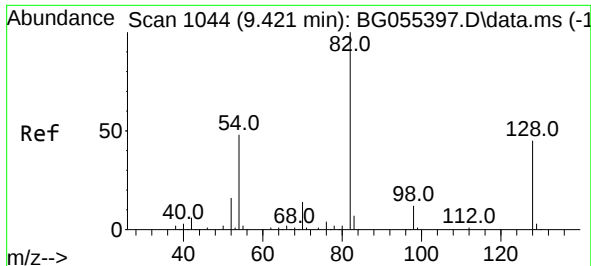
Tgt Ion: 99 Resp: 244849
Ion Ratio Lower Upper
99 100
42 16.8 13.5 20.3
71 34.3 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.058 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

Tgt Ion:136 Resp: 95764
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.2
54 6.8 6.1 9.1
68 5.0 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 94.195 ng

RT: 9.407 min Scan# 1041

Delta R.T. -0.004 min

Lab File: BG055463.D

Acq: 4 Nov 2022 21:18

Instrument :

BNA_G

ClientSampleId :

TP-K

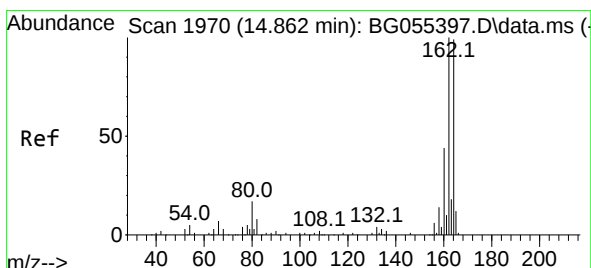
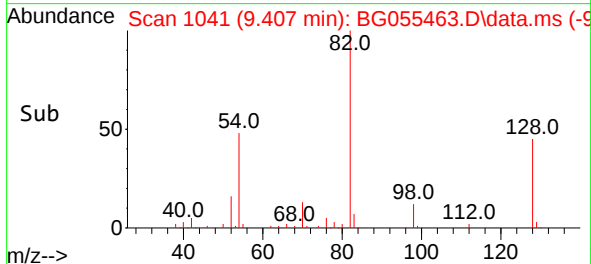
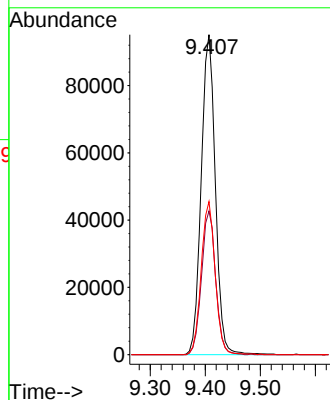
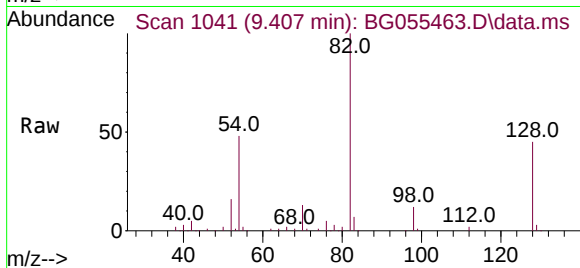
Tgt Ion: 82 Resp: 169256

Ion Ratio Lower Upper

82 100

128 44.9 35.8 53.8

54 47.8 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.847 min Scan# 1967

Delta R.T. -0.010 min

Lab File: BG055463.D

Acq: 4 Nov 2022 21:18

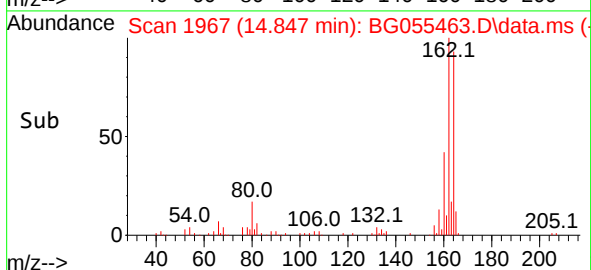
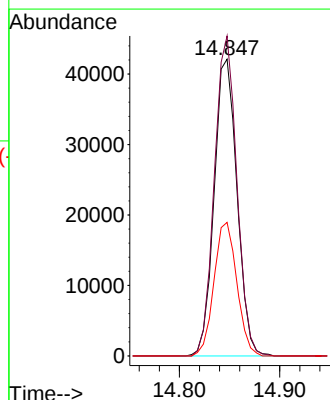
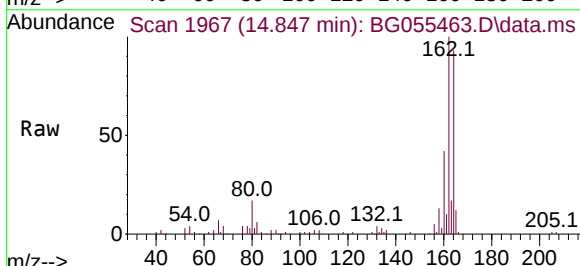
Tgt Ion: 164 Resp: 66778

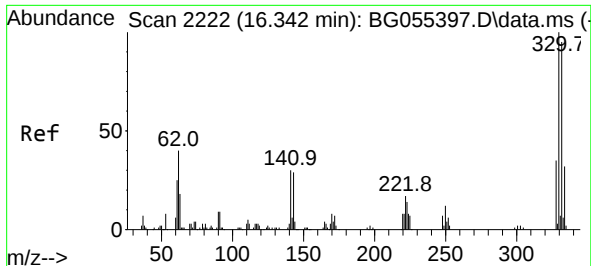
Ion Ratio Lower Upper

164 100

162 107.8 81.1 121.7

160 45.0 35.8 53.6

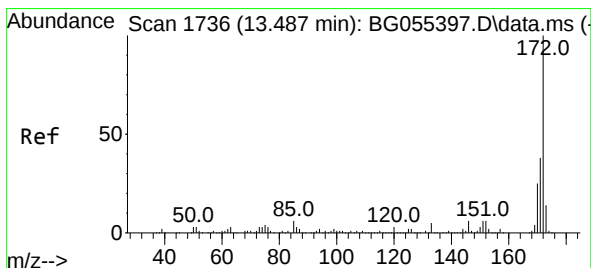
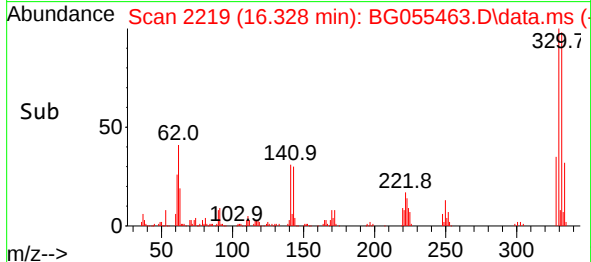
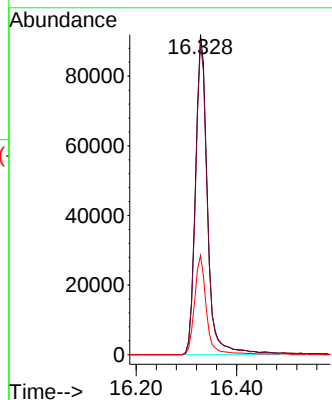
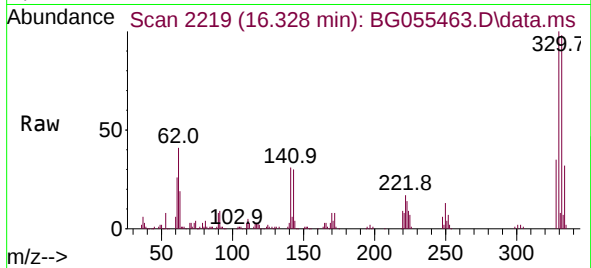




#42
 2,4,6-Tribromophenol
 Concen: 167.965 ng
 RT: 16.328 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG055463.D
 Acq: 4 Nov 2022 21:18

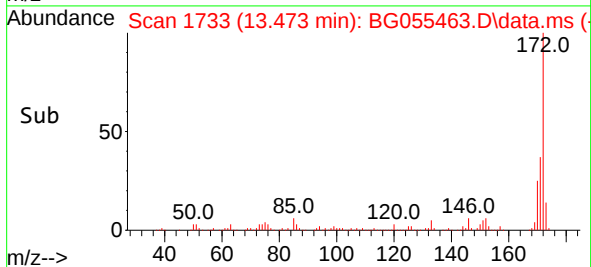
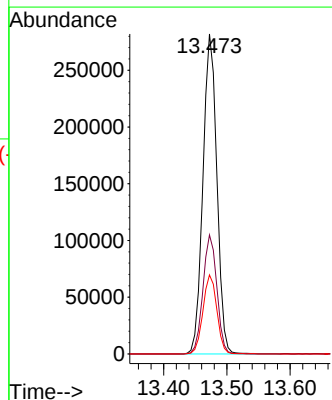
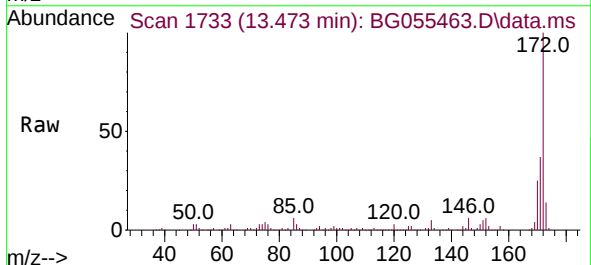
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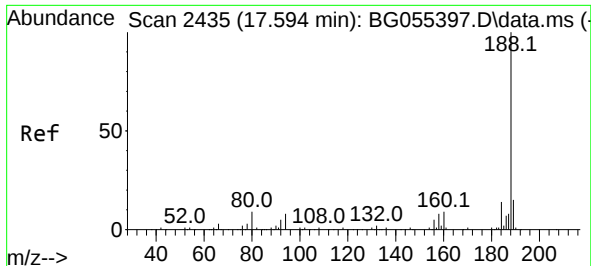
Tgt Ion:330 Resp: 152994
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.8 116.6
 141 30.4 24.2 36.2



#45
 2-Fluorobiphenyl
 Concen: 95.679 ng
 RT: 13.473 min Scan# 1733
 Delta R.T. -0.010 min
 Lab File: BG055463.D
 Acq: 4 Nov 2022 21:18

Tgt Ion:172 Resp: 430933
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.2 45.2
 170 24.7 20.2 30.2

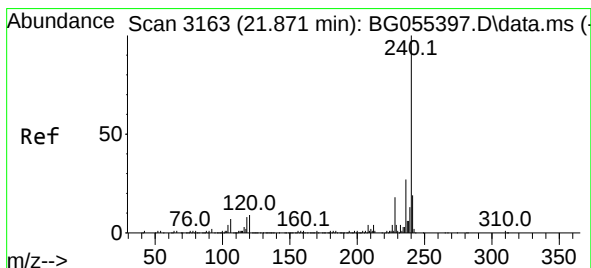
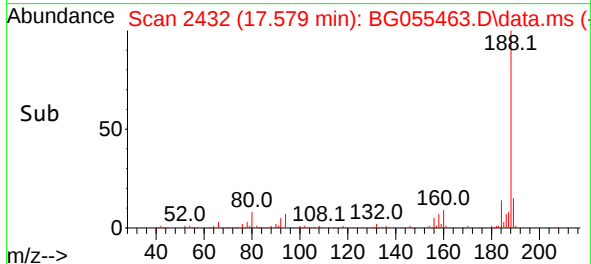
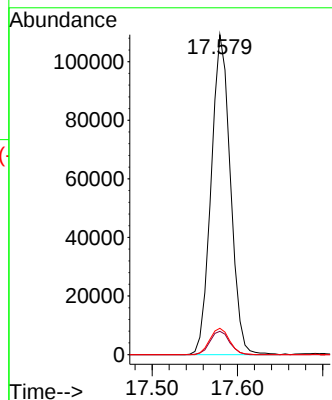
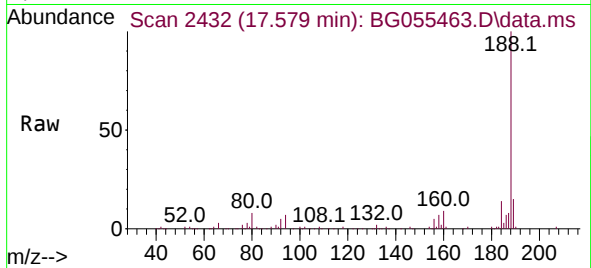




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2432
Delta R.T. -0.010 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

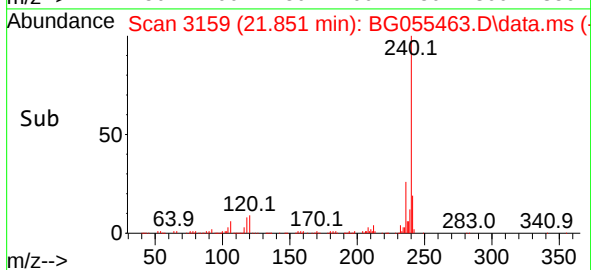
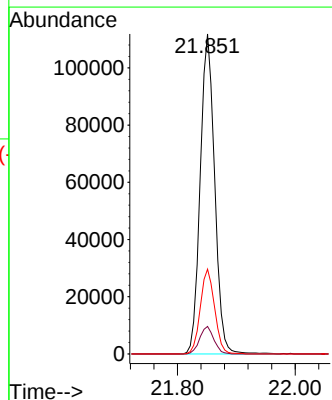
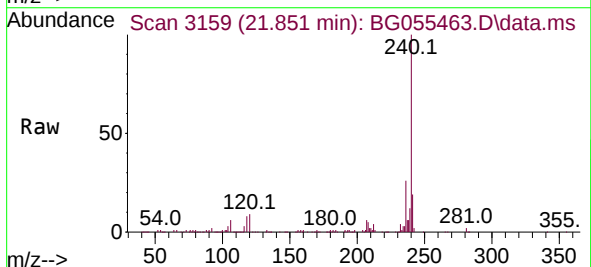
Instrument :
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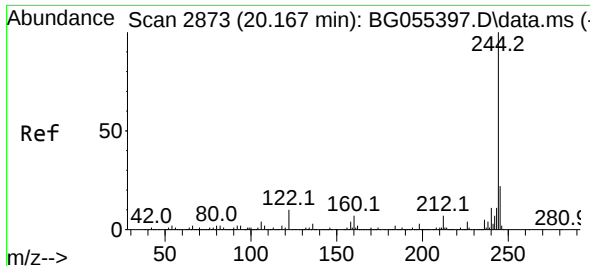
Tgt Ion:188 Resp: 171115
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 8.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3159
Delta R.T. -0.010 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

Tgt Ion:240 Resp: 190122
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.5 21.5 32.3

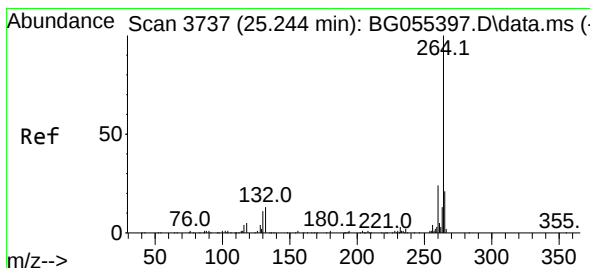
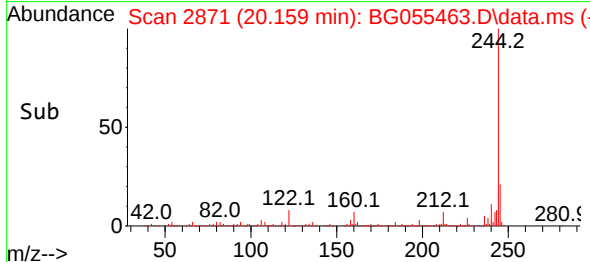
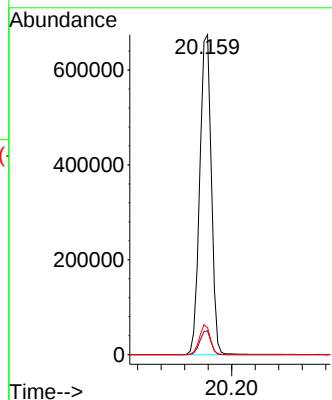
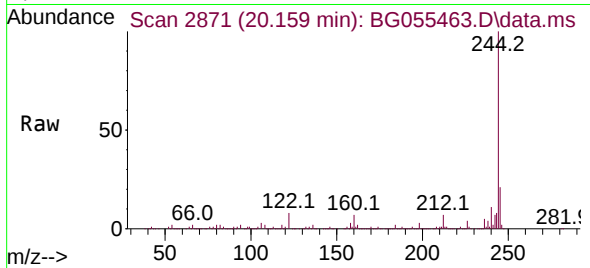




#79
 Terphenyl-d14
 Concen: 93.870 ng
 RT: 20.159 min Scan# 2871
 Delta R.T. -0.004 min
 Lab File: BG055463.D
 Acq: 4 Nov 2022 21:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-K

Tgt Ion:244 Resp: 917792
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 8.4 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.218 min Scan# 3732
 Delta R.T. -0.016 min
 Lab File: BG055463.D
 Acq: 4 Nov 2022 21:18

Tgt Ion:264 Resp: 204055
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 21.1 17.1 25.7

