

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055489.D
 Acq On : 7 Nov 2022 22:56
 Operator : CG/JU
 Sample : N5460-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SH-1

Quant Time: Nov 08 03:54:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 03:46:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	23038	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	105219	20.000	ng	# 0.00
39) Acenaphthene-d10	14.721	164	81449	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	197281	20.000	ng	0.00
76) Chrysene-d12	21.713	240	199576	20.000	ng	-0.01
86) Perylene-d12	24.974	264	223221	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	165291	128.847	ng	0.00
7) Phenol-d6	7.242	99	220764	124.095	ng	0.00
23) Nitrobenzene-d5	9.257	82	125382	63.508	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	148275	133.463	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	383843	69.873	ng	0.00
79) Terphenyl-d14	20.050	244	718905	70.045	ng	0.00

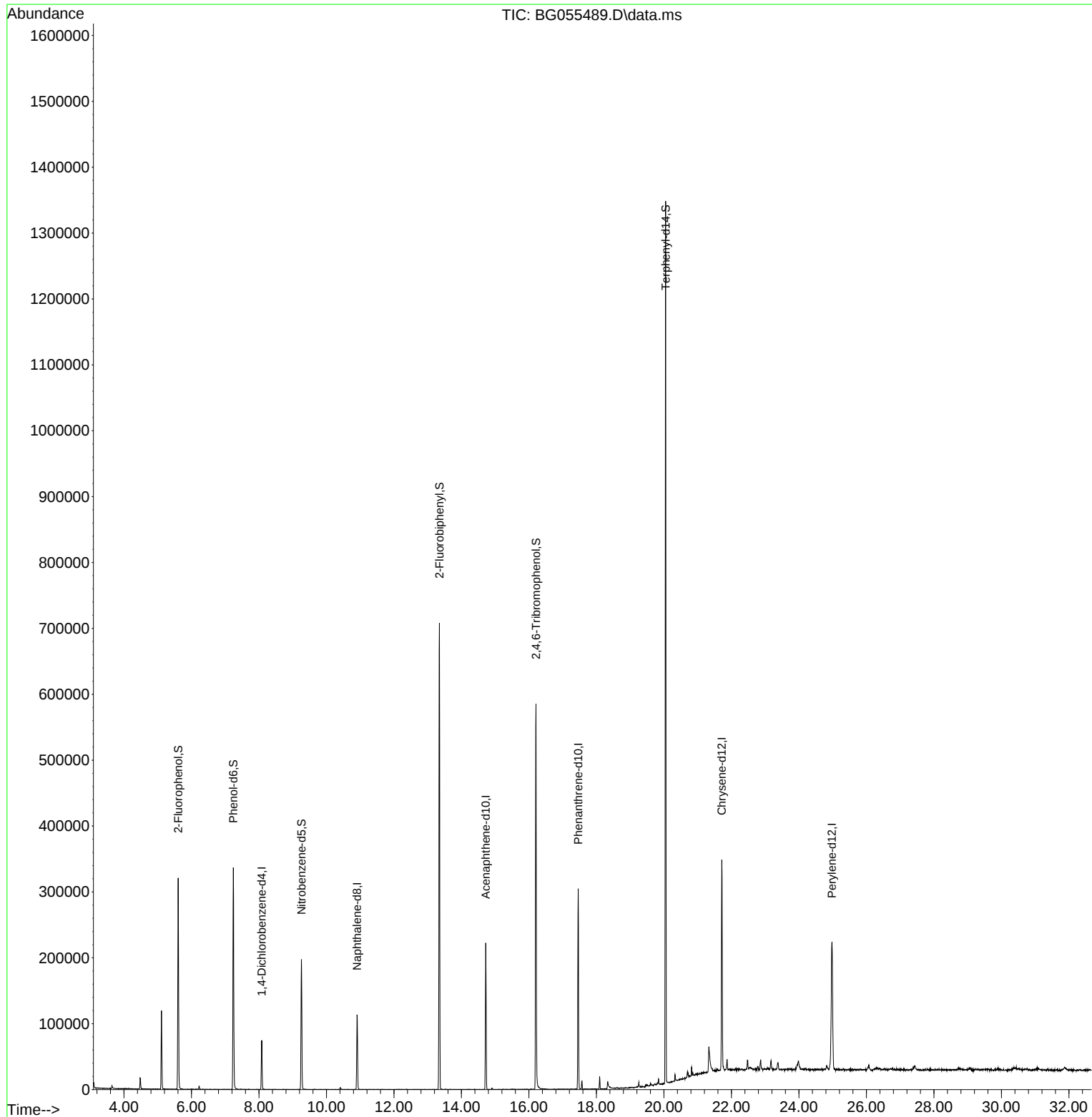
Target Compounds	Qvalue

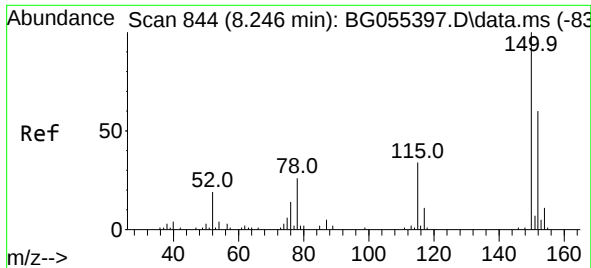
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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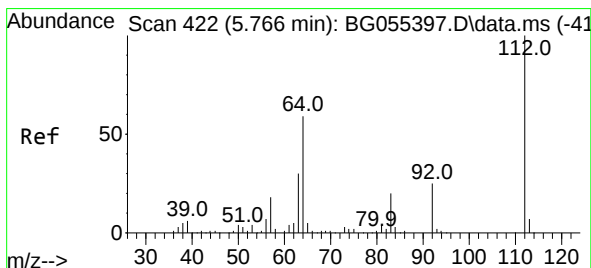
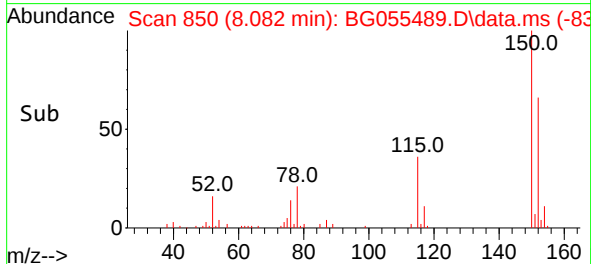
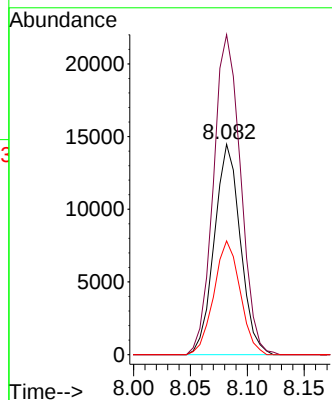
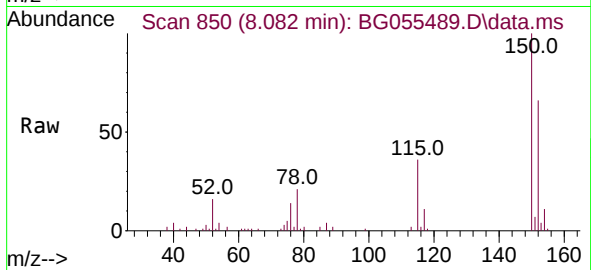




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

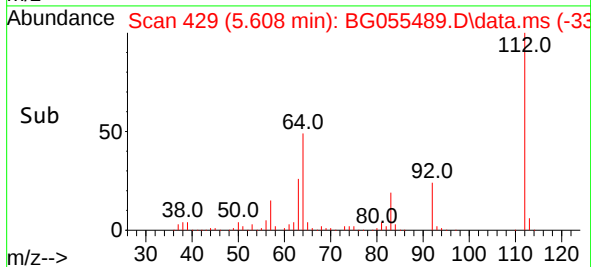
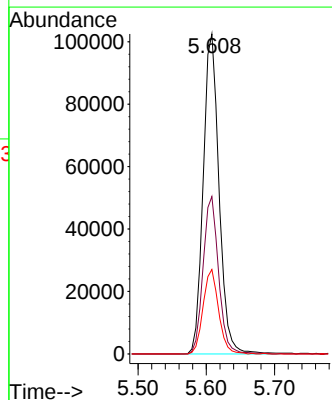
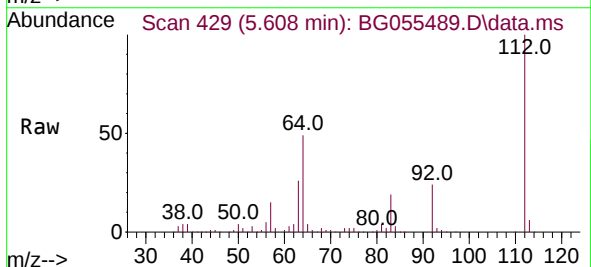
Instrument :
BNA_G
ClientSampleId :
SH-1

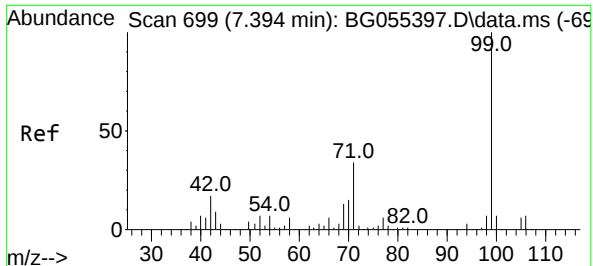
Tgt Ion:152 Resp: 23038
Ion Ratio Lower Upper
152 100
150 152.1 132.8 199.2
115 54.1 45.1 67.7



#5
2-Fluorophenol
Concen: 128.847 ng
RT: 5.608 min Scan# 429
Delta R.T. -0.001 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Tgt Ion:112 Resp: 165291
Ion Ratio Lower Upper
112 100
64 49.2 47.2 70.8
63 26.4 24.3 36.5

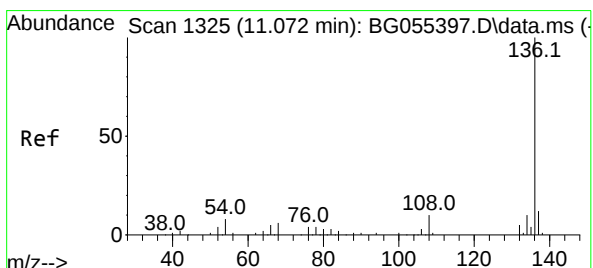
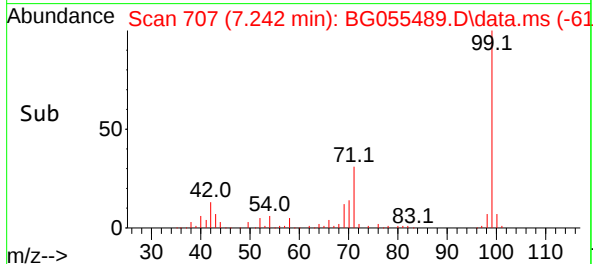
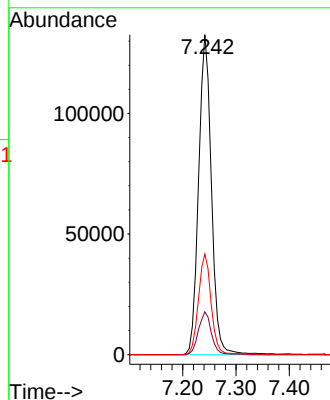
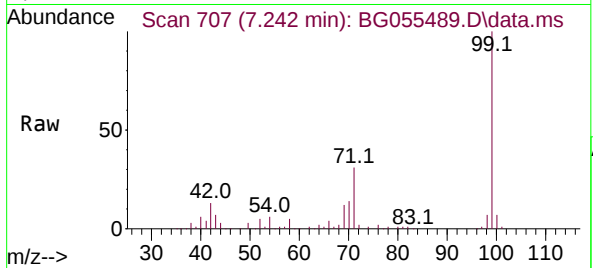




#7
Phenol-d6
Concen: 124.095 ng
RT: 7.242 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

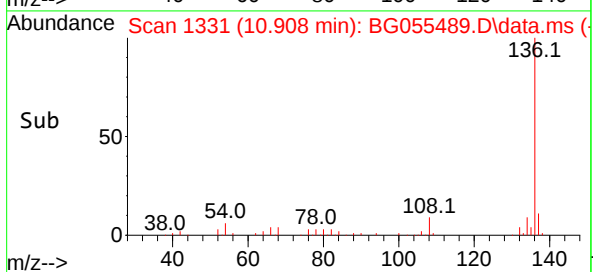
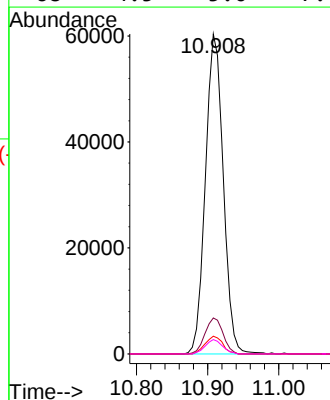
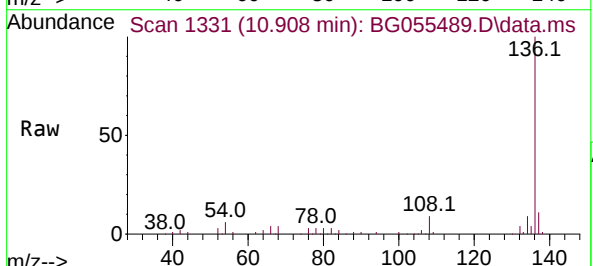
Instrument :
BNA_G
ClientSampleId :
SH-1

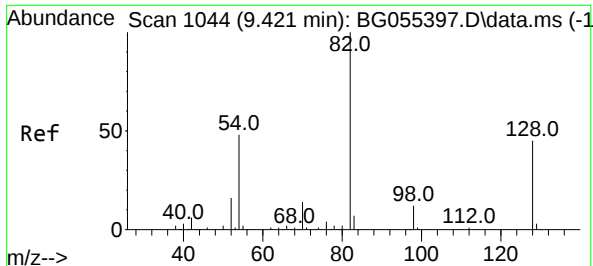
Tgt Ion: 99 Resp: 220764
Ion Ratio Lower Upper
99 100
42 13.4 13.5 20.3#
71 31.4 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 1331
Delta R.T. -0.007 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Tgt Ion: 136 Resp: 105219
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 5.5 6.1 9.1#
68 4.5 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 63.508 ng

RT: 9.257 min Scan# 1044

Delta R.T. -0.007 min

Lab File: BG055489.D

Acq: 7 Nov 2022 22:56

Instrument :

BNA_G

ClientSampleId :

SH-1

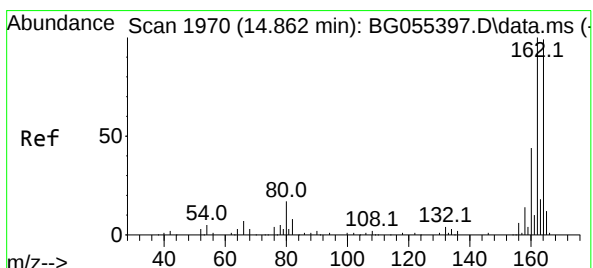
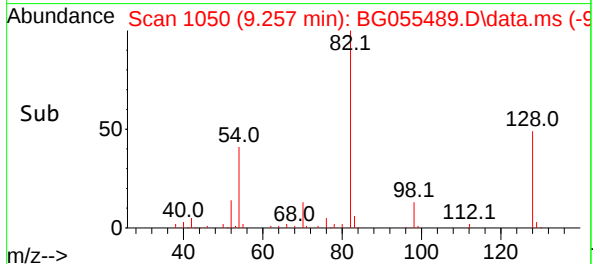
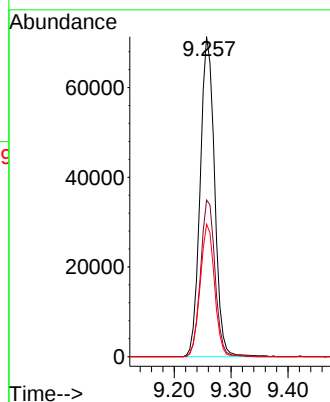
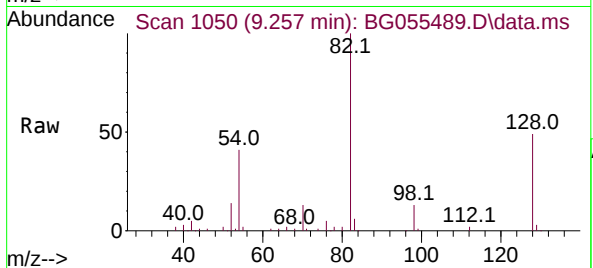
Tgt Ion: 82 Resp: 125382

Ion Ratio Lower Upper

82 100

128 48.9 35.8 53.8

54 41.4 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.721 min Scan# 1980

Delta R.T. -0.007 min

Lab File: BG055489.D

Acq: 7 Nov 2022 22:56

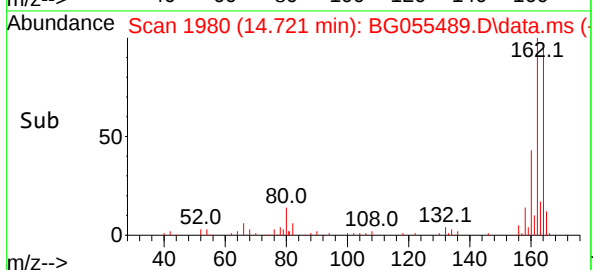
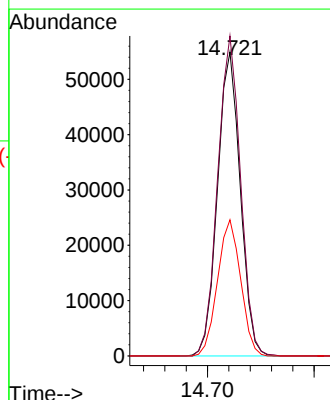
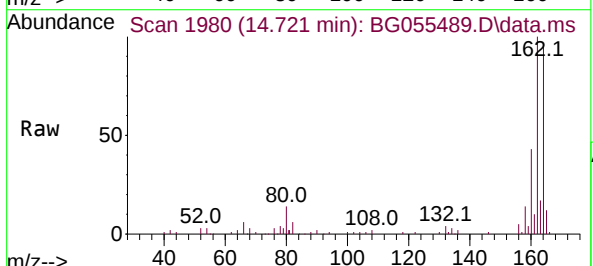
Tgt Ion:164 Resp: 81449

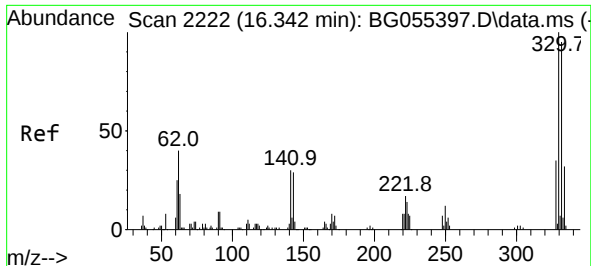
Ion Ratio Lower Upper

164 100

162 105.3 81.1 121.7

160 44.8 35.8 53.6

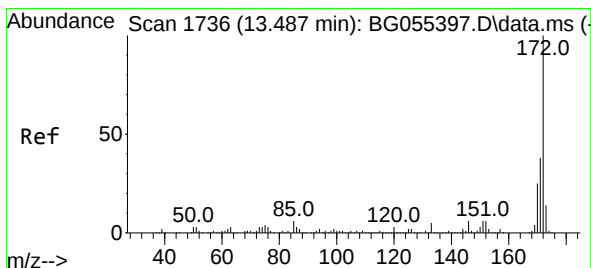
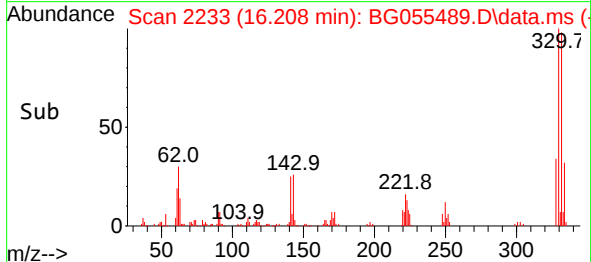
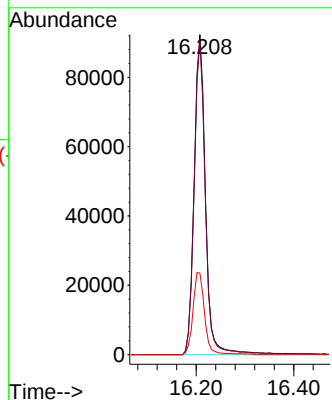
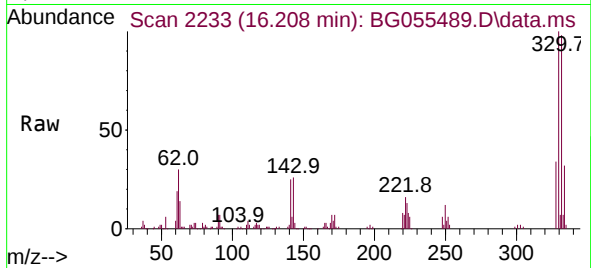




#42
 2,4,6-Tribromophenol
 Concen: 133.463 ng
 RT: 16.208 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055489.D
 Acq: 7 Nov 2022 22:56

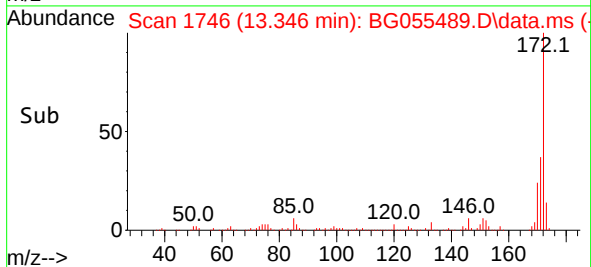
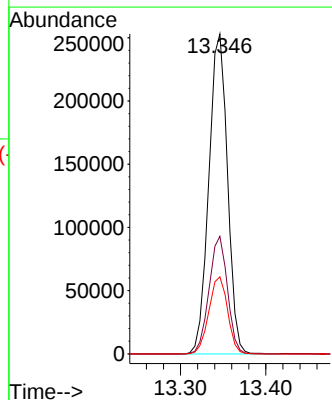
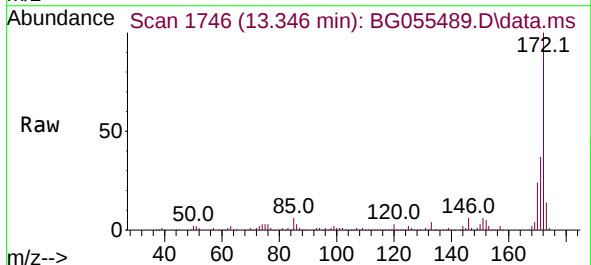
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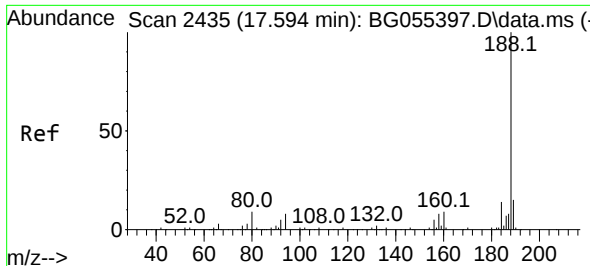
Tgt Ion:330 Resp: 148275
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.8 116.6
 141 26.2 24.2 36.2



#45
 2-Fluorobiphenyl
 Concen: 69.873 ng
 RT: 13.346 min Scan# 1746
 Delta R.T. -0.001 min
 Lab File: BG055489.D
 Acq: 7 Nov 2022 22:56

Tgt Ion:172 Resp: 383843
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.2 45.2
 170 24.1 20.2 30.2

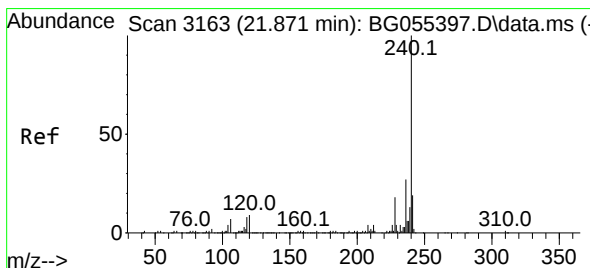
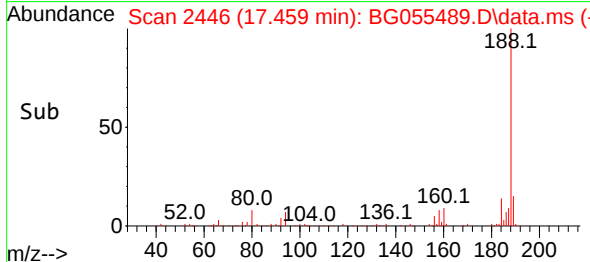
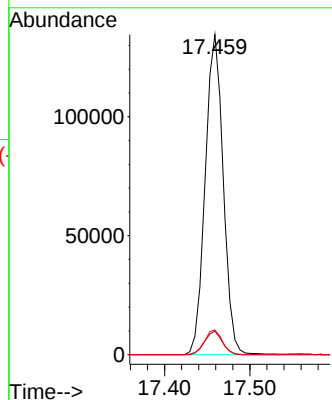
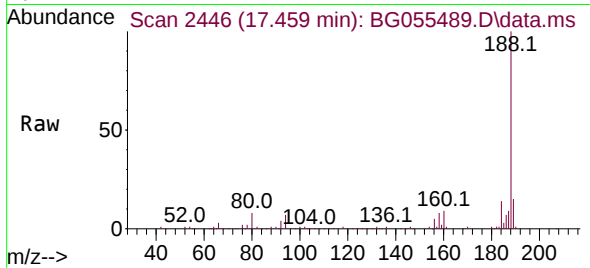




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

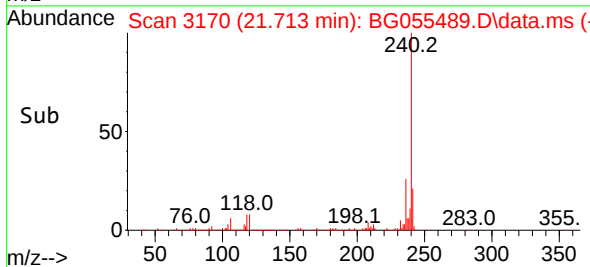
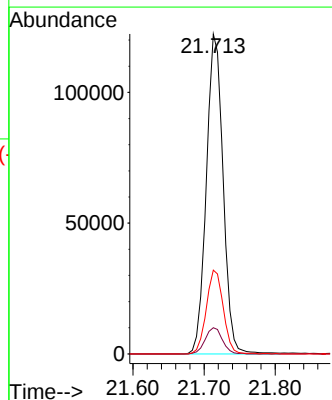
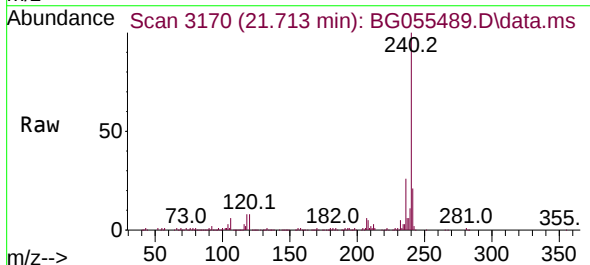
Instrument :
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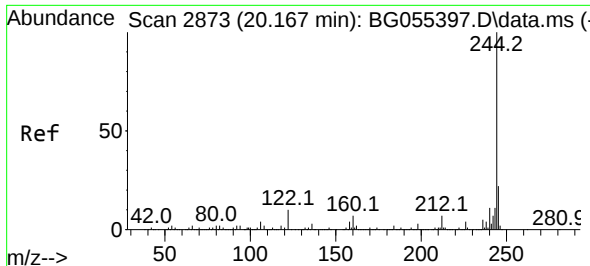
Tgt Ion:188 Resp: 197281
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 7.7 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3170
Delta R.T. -0.013 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

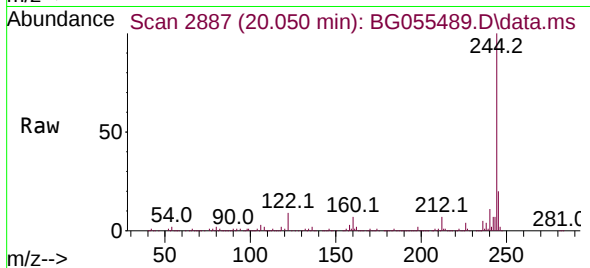
Tgt Ion:240 Resp: 199576
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.2 21.5 32.3



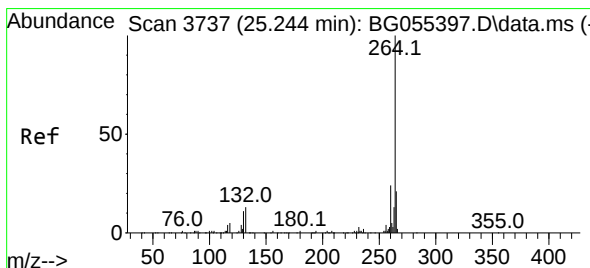
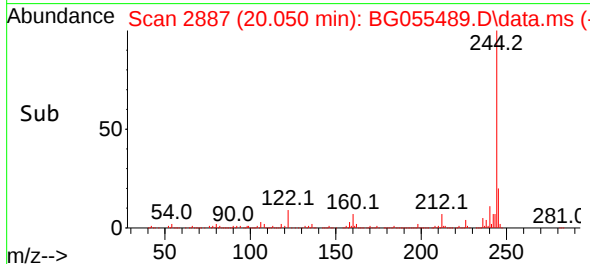
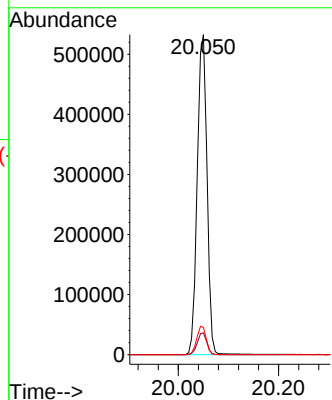


#79
 Terphenyl-d14
 Concen: 70.045 ng
 RT: 20.050 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055489.D
 Acq: 7 Nov 2022 22:56

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 718905
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 8.5 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.974 min Scan# 3725
 Delta R.T. -0.013 min
 Lab File: BG055489.D
 Acq: 7 Nov 2022 22:56

Tgt Ion:264 Resp: 223221
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.9 28.3
 265 22.0 17.1 25.7

