

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055409.D
 Acq On : 2 Nov 2022 10:30
 Operator : CG/JU
 Sample : PB148683BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148683BL

Quant Time: Nov 03 06:07:19 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	8.244	152	22641	20.000	ng	0.00
21) Naphthalene-d8	11.070	136	99395	20.000	ng	0.00
39) Acenaphthene-d10	14.859	164	77628	20.000	ng	0.00
64) Phenanthrene-d10	17.592	188	205610	20.000	ng	0.00
76) Chrysene-d12	21.869	240	215133	20.000	ng	0.00
86) Perylene-d12	25.241	264	229222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	183678	145.690	ng	0.00
7) Phenol-d6	7.386	99	241757	138.279	ng	0.00
23) Nitrobenzene-d5	9.413	82	142334	76.318	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	142952	135.005	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	394489	75.345	ng	0.00
79) Terphenyl-d14	20.165	244	882230	79.743	ng	0.00

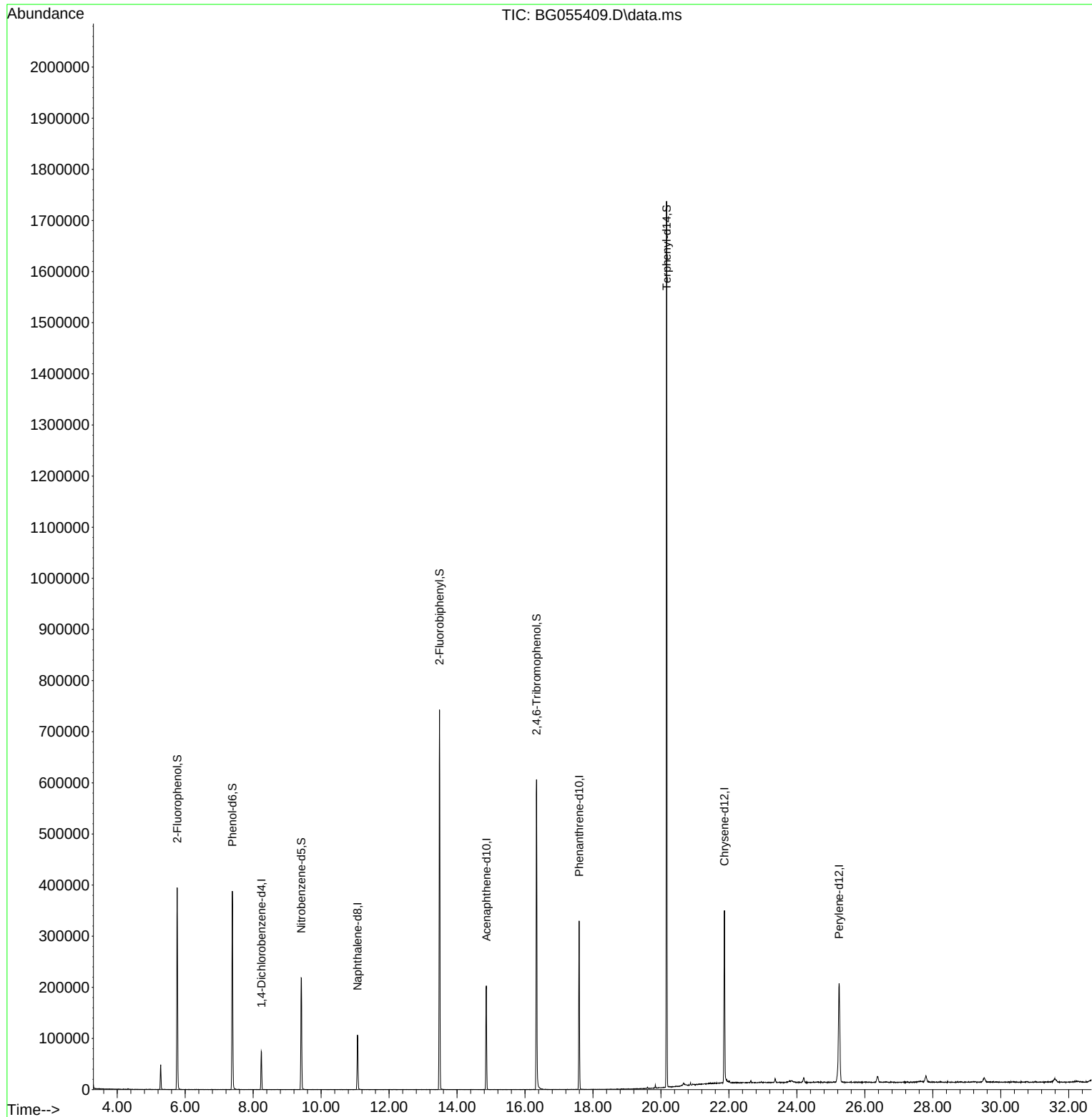
Target Compounds	Qvalue

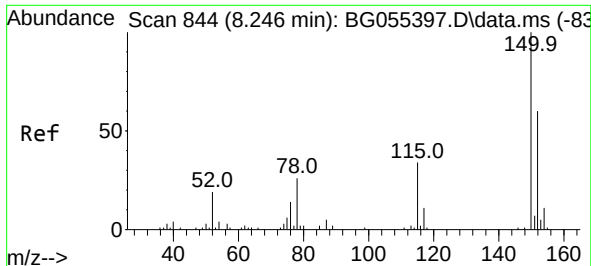
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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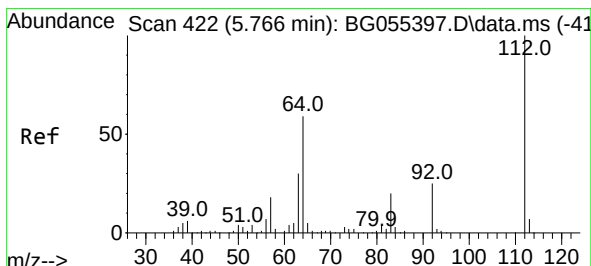
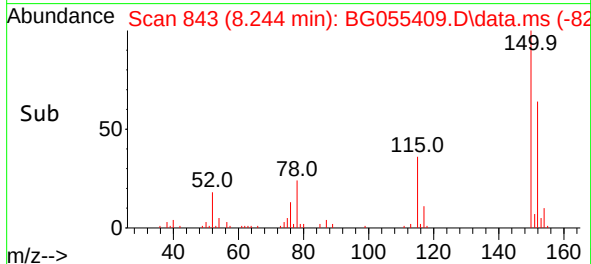
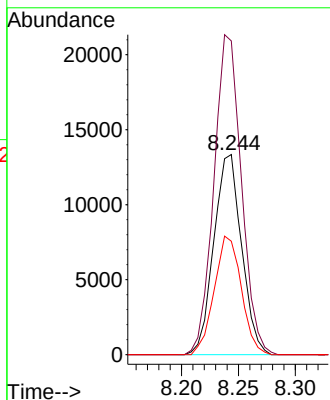
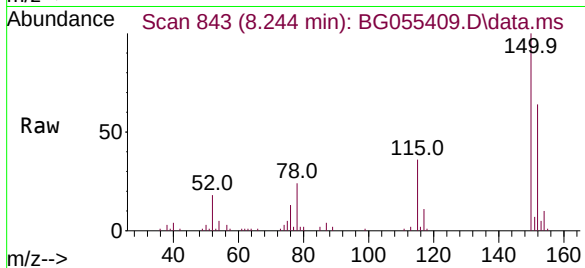




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.244 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

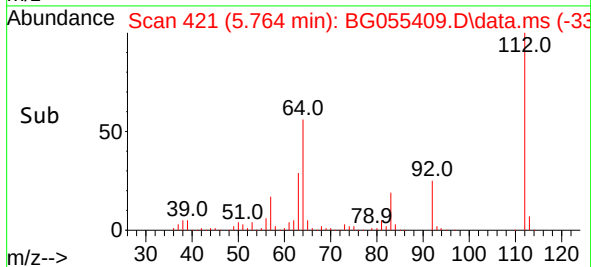
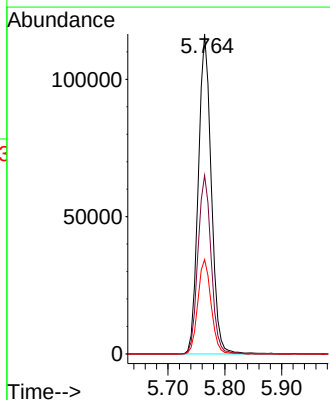
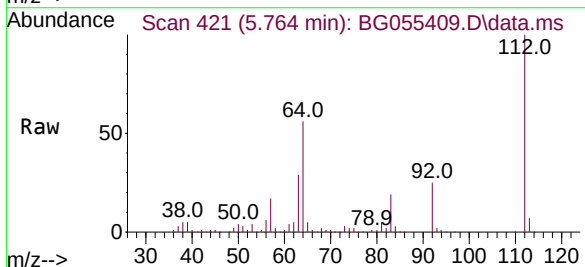
Instrument :
BNA_G
ClientSampleId :
PB148683BL

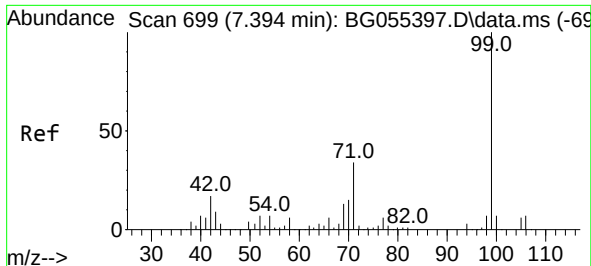
Tgt Ion:152 Resp: 22641
Ion Ratio Lower Upper
152 100
150 156.8 132.8 199.2
115 56.6 45.1 67.7



#5
2-Fluorophenol
Concen: 145.690 ng
RT: 5.764 min Scan# 421
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

Tgt Ion:112 Resp: 183678
Ion Ratio Lower Upper
112 100
64 55.8 47.2 70.8
63 29.5 24.3 36.5

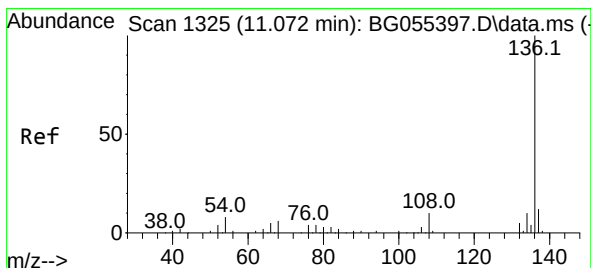
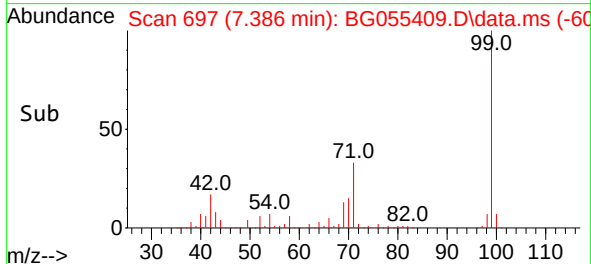
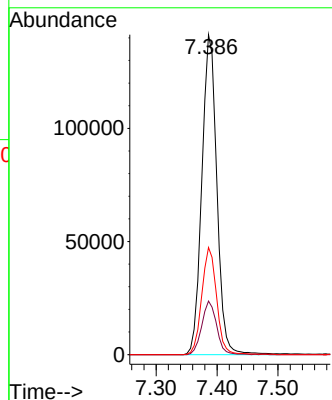
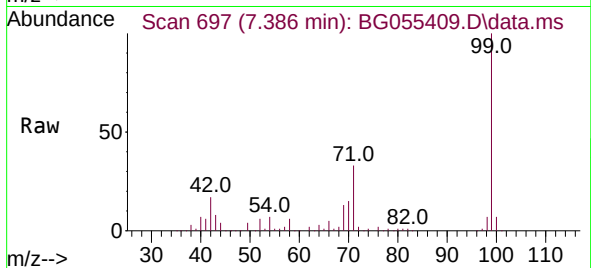




#7
Phenol-d6
Concen: 138.279 ng
RT: 7.386 min Scan# 69
Delta R.T. -0.008 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

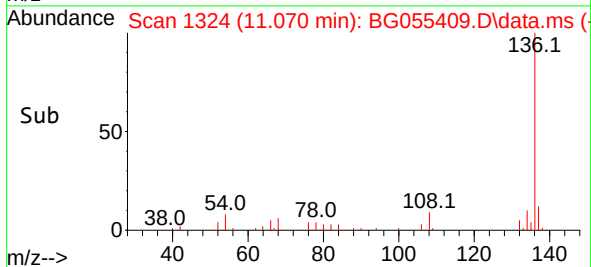
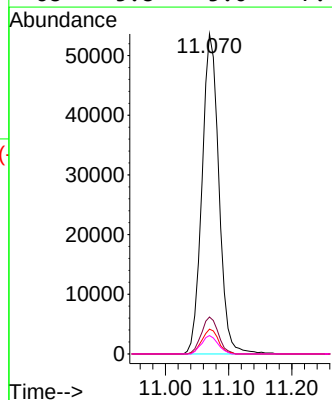
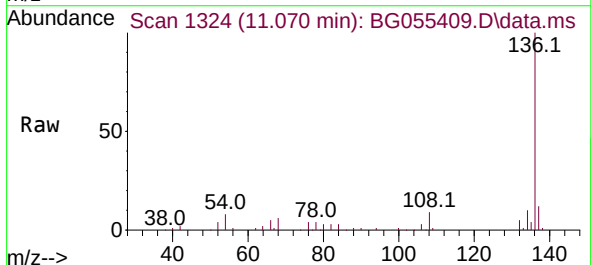
Instrument :
BNA_G
ClientSampleId :
PB148683BL

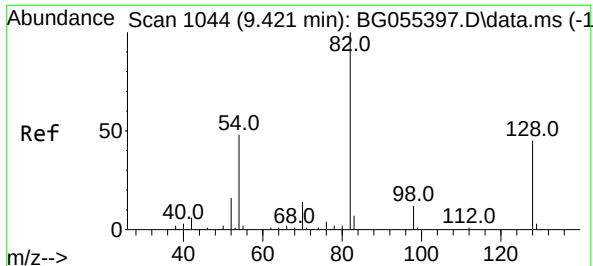
Tgt Ion: 99 Resp: 241757
Ion Ratio Lower Upper
99 100
42 16.7 13.5 20.3
71 33.5 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1324
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

Tgt Ion: 136 Resp: 99395
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 7.7 6.1 9.1
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 76.318 ng

RT: 9.413 min Scan# 1042

Delta R.T. -0.008 min

Lab File: BG055409.D

Acq: 2 Nov 2022 10:30

Instrument :

BNA_G

ClientSampleId :

PB148683BL

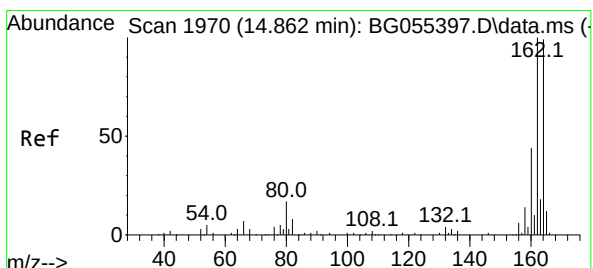
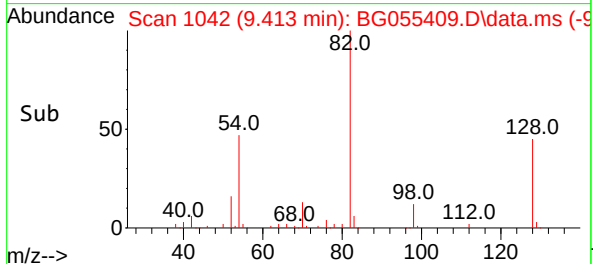
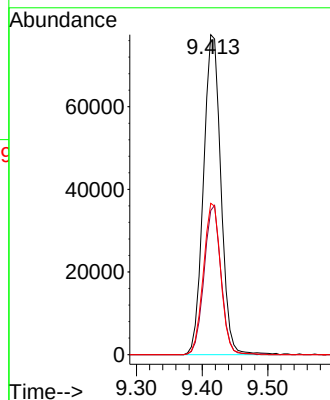
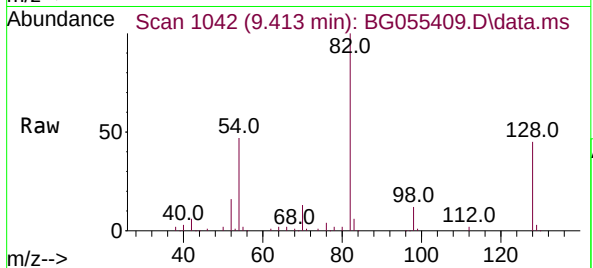
Tgt Ion: 82 Resp: 142334

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.8

54 47.3 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.859 min Scan# 1969

Delta R.T. -0.003 min

Lab File: BG055409.D

Acq: 2 Nov 2022 10:30

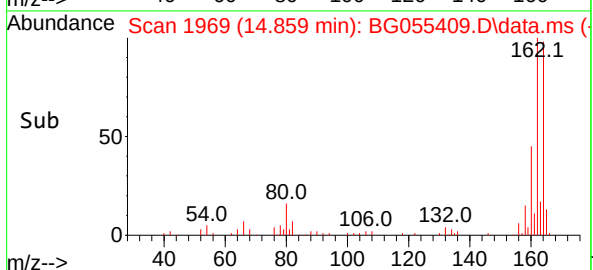
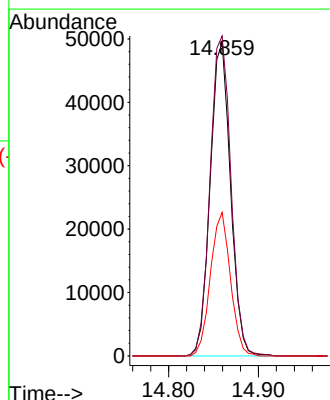
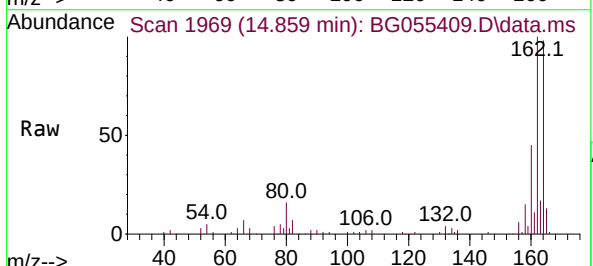
Tgt Ion:164 Resp: 77628

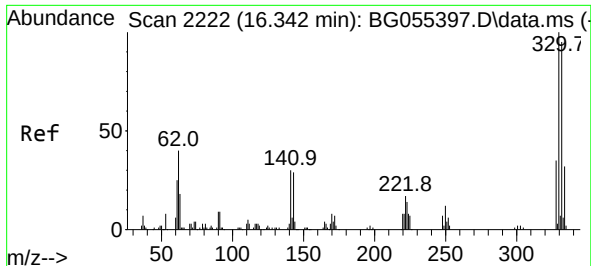
Ion Ratio Lower Upper

164 100

162 102.0 81.1 121.7

160 45.7 35.8 53.6

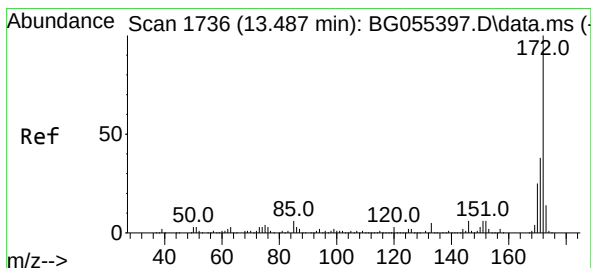
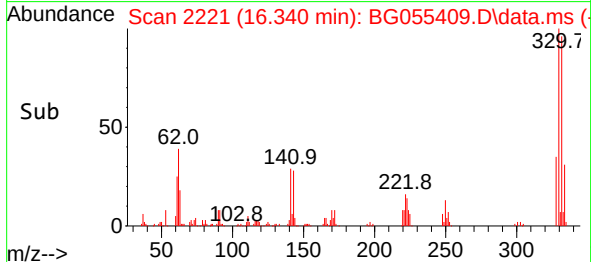
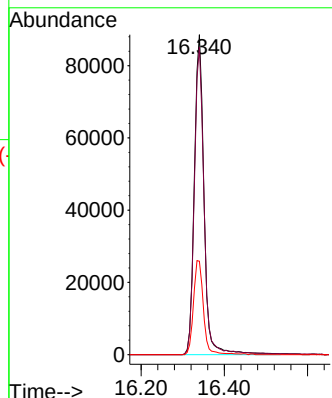
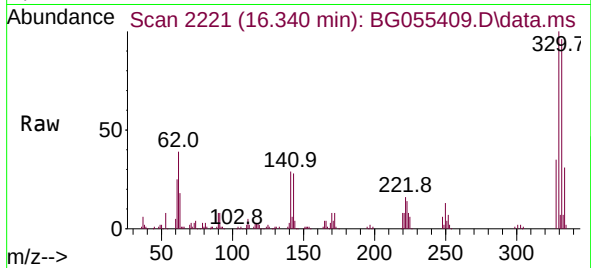




#42
2,4,6-Tribromophenol
Concen: 135.005 ng
RT: 16.340 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

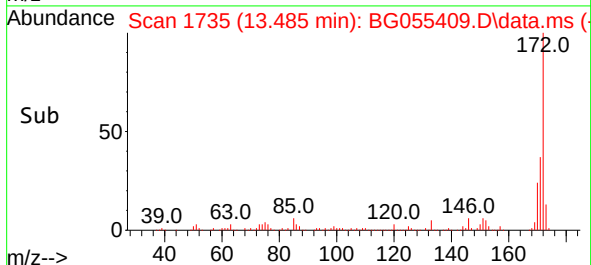
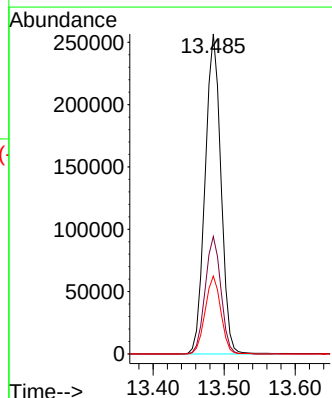
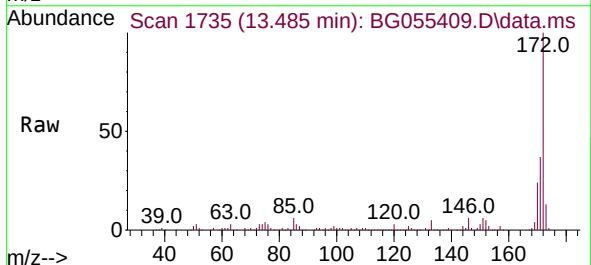
Instrument :
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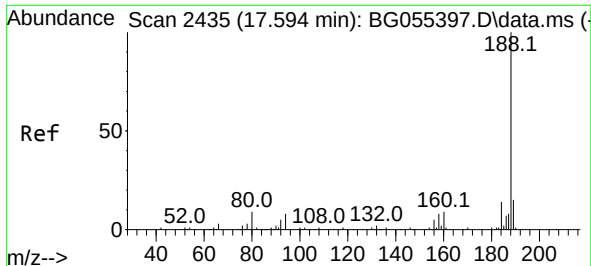
Tgt Ion:330 Resp: 142952
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 30.2 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 75.345 ng
RT: 13.485 min Scan# 1735
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

Tgt Ion:172 Resp: 394489
Ion Ratio Lower Upper
172 100
171 36.7 30.2 45.2
170 24.3 20.2 30.2

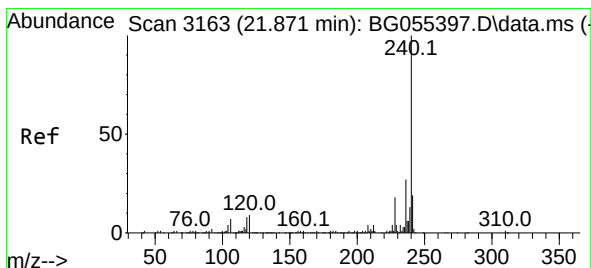
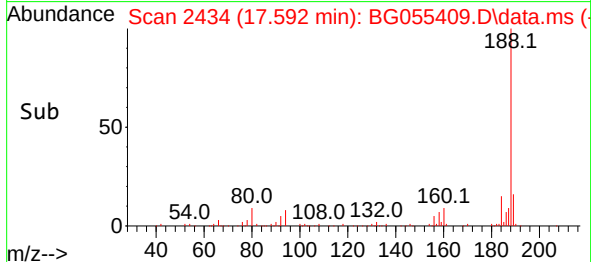
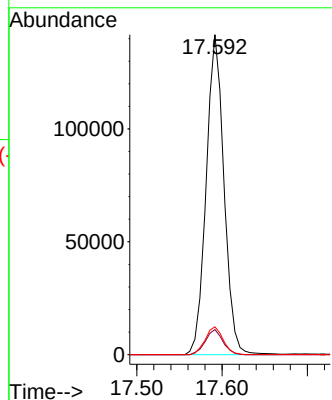
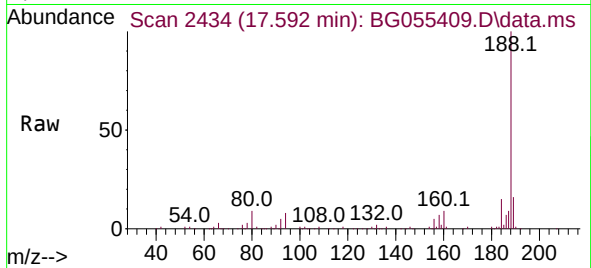




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.592 min Scan# 2435
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

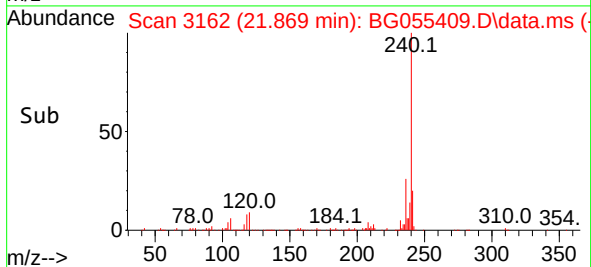
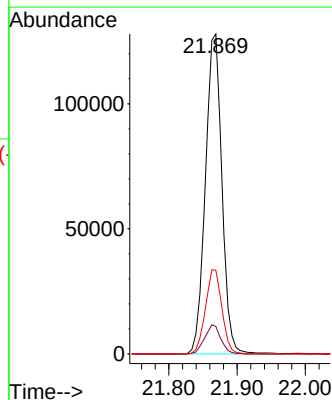
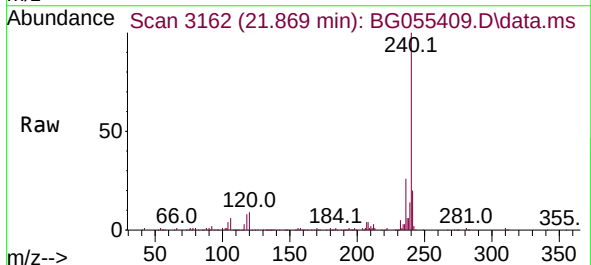
Instrument :
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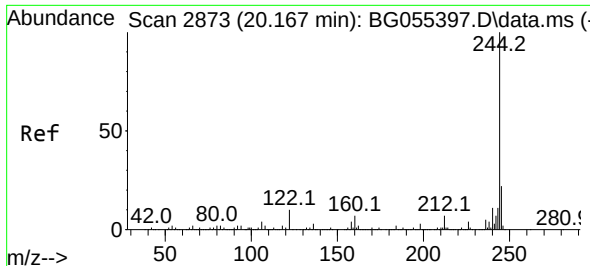
Tgt Ion:188 Resp: 205610
Ion Ratio Lower Upper
188 100
94 7.8 6.5 9.7
80 8.7 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.869 min Scan# 3162
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

Tgt Ion:240 Resp: 215133
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.2 21.5 32.3

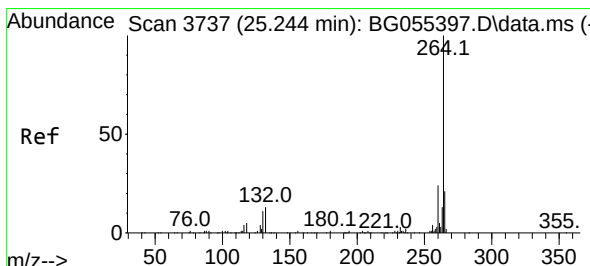
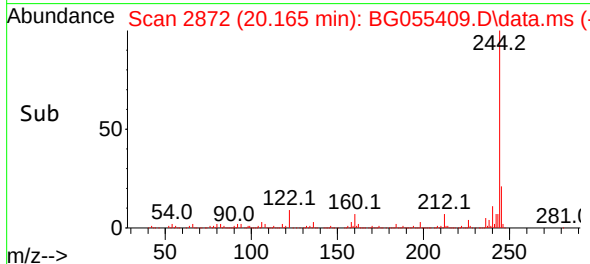
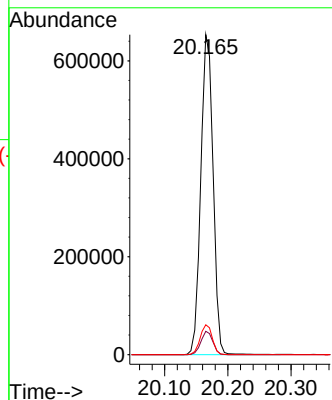
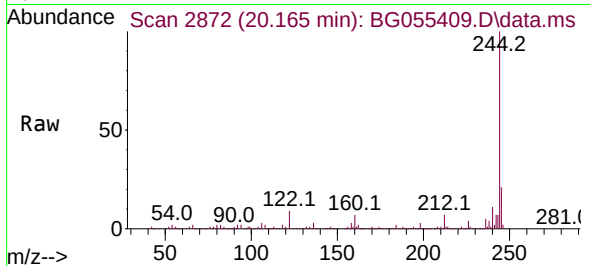




#79
 Terphenyl-d14
 Concen: 79.743 ng
 RT: 20.165 min Scan# 2872
 Delta R.T. -0.002 min
 Lab File: BG055409.D
 Acq: 2 Nov 2022 10:30

Instrument :
 BNA_G
 ClientSampleId :
 PB148683BL

Tgt Ion:244 Resp: 882230
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.3 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.241 min Scan# 3736
 Delta R.T. -0.002 min
 Lab File: BG055409.D
 Acq: 2 Nov 2022 10:30

Tgt Ion:264 Resp: 229222
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.0 17.1 25.7

