

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055434.D
 Acq On : 3 Nov 2022 12:21
 Operator : CG/JU
 Sample : PB148769BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148769BL

Quant Time: Nov 03 16:08:43 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	24815	20.000	ng	-0.01
21) Naphthalene-d8	11.067	136	106962	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	77187	20.000	ng	-0.01
64) Phenanthrene-d10	17.589	188	196603	20.000	ng	0.00
76) Chrysene-d12	21.854	240	209245	20.000	ng	-0.02
86) Perylene-d12	25.227	264	223755	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	198226	143.455	ng	0.00
7) Phenol-d6	7.383	99	260007	135.688	ng	-0.01
23) Nitrobenzene-d5	9.410	82	151036	75.255	ng	-0.01
42) 2,4,6-Tribromophenol	16.331	330	138547	131.592	ng	-0.01
45) 2-Fluorobiphenyl	13.482	172	404157	77.633	ng	0.00
79) Terphenyl-d14	20.162	244	853165	79.286	ng	0.00

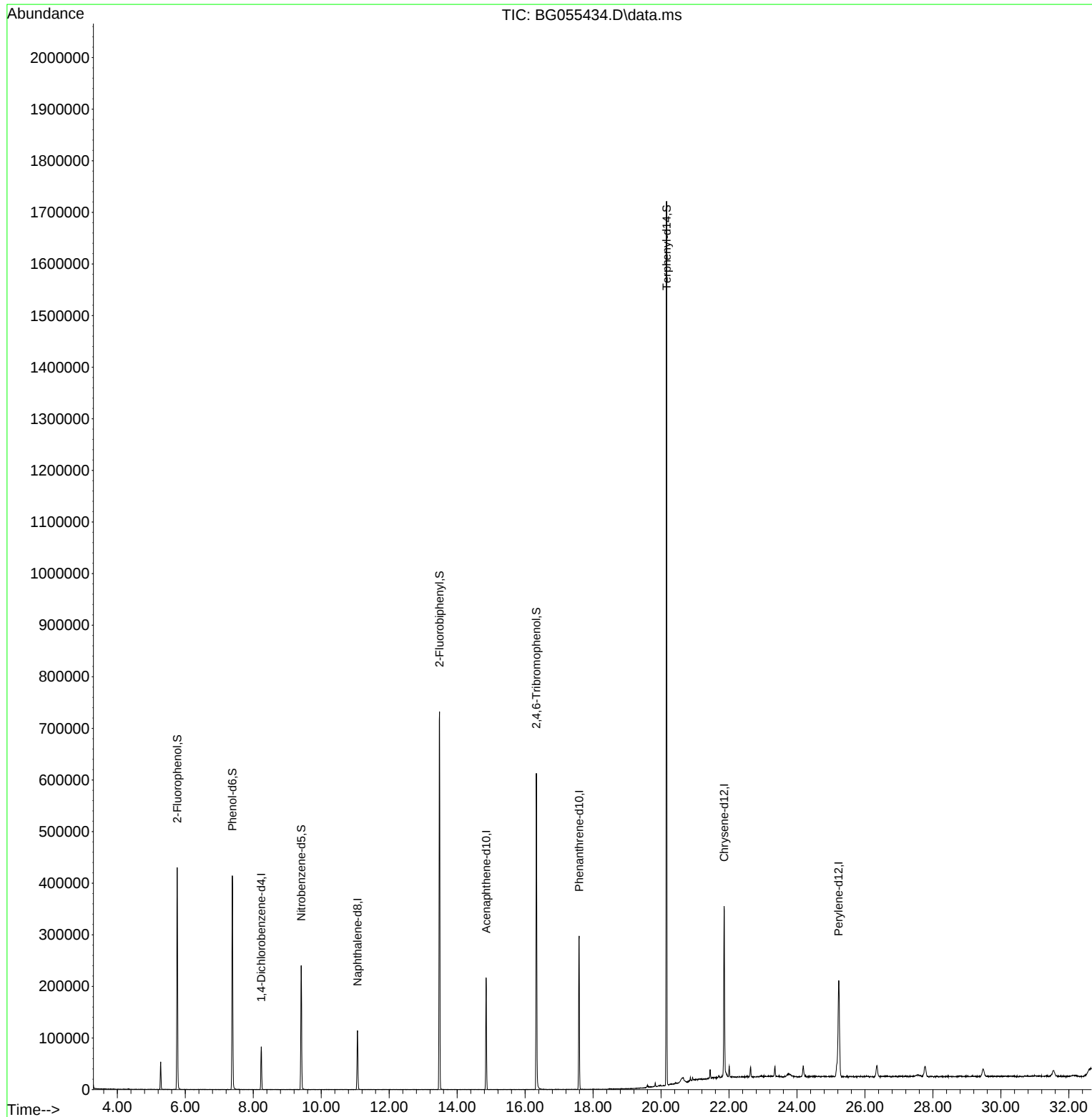
Target Compounds Qvalue

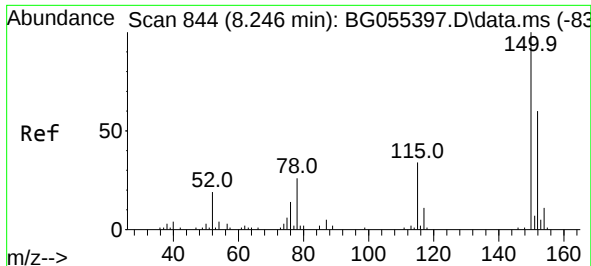
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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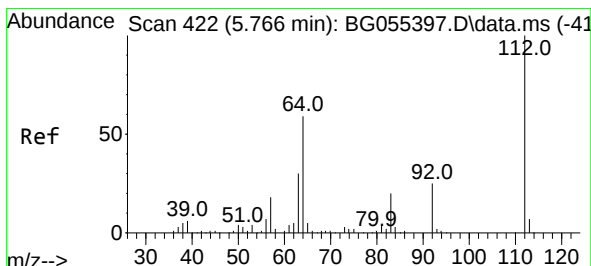
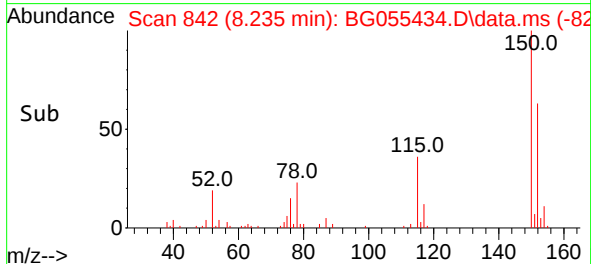
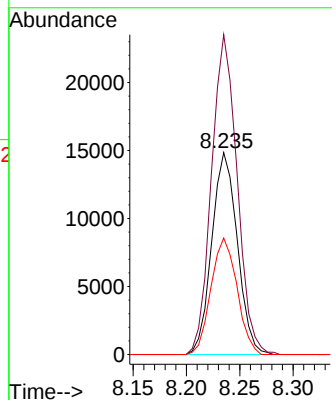
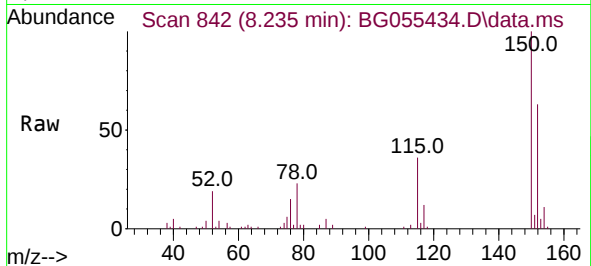




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 844
Delta R.T. -0.011 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

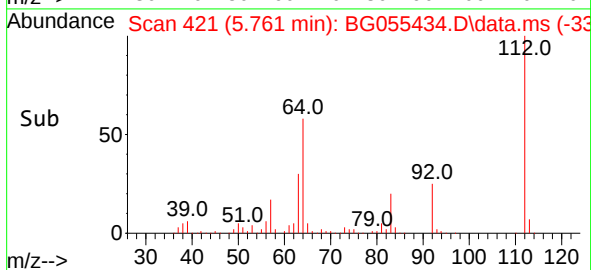
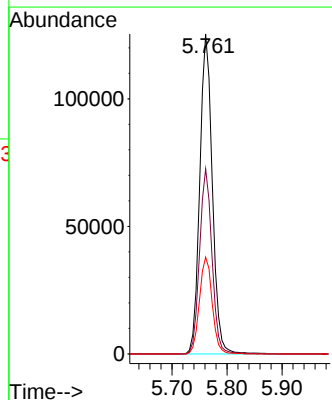
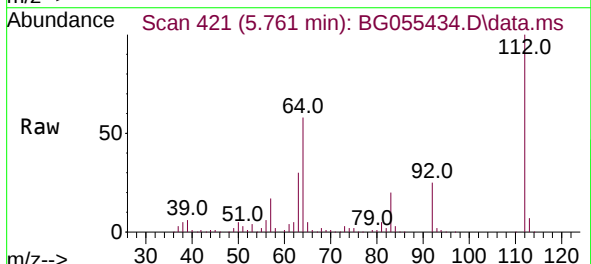
Instrument :
BNA_G
ClientSampleId :
PB148769BL

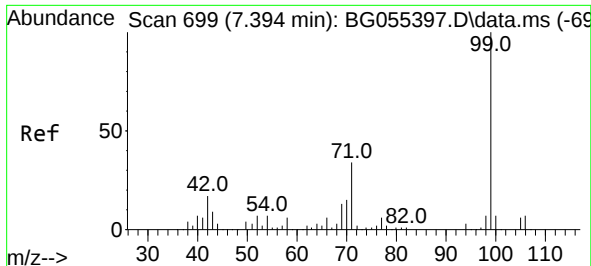
Tgt Ion:152 Resp: 24815
Ion Ratio Lower Upper
152 100
150 158.5 132.8 199.2
115 57.7 45.1 67.7



#5
2-Fluorophenol
Concen: 143.455 ng
RT: 5.761 min Scan# 421
Delta R.T. -0.005 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

Tgt Ion:112 Resp: 198226
Ion Ratio Lower Upper
112 100
64 57.8 47.2 70.8
63 30.2 24.3 36.5

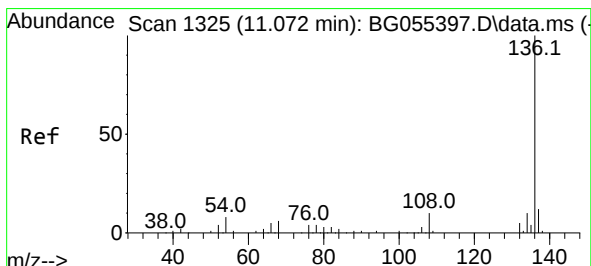
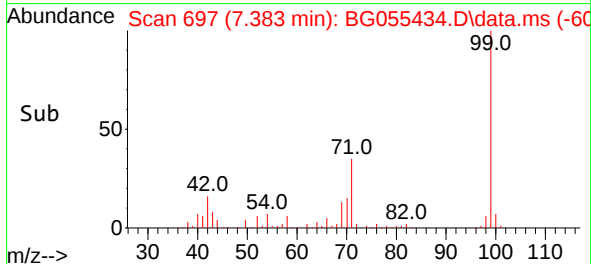
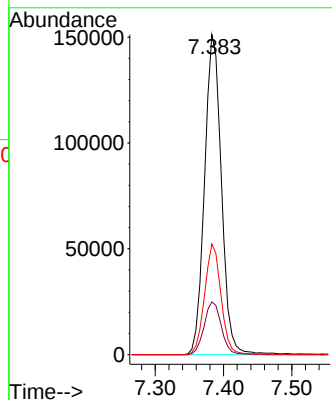
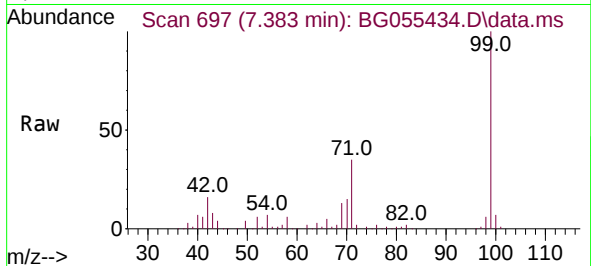




#7
Phenol-d6
Concen: 135.688 ng
RT: 7.383 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

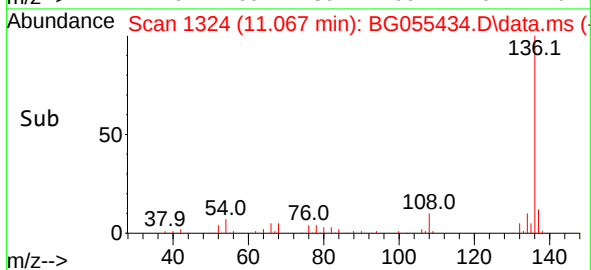
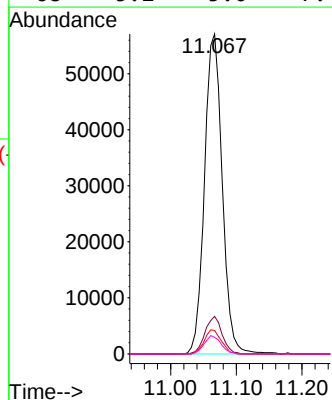
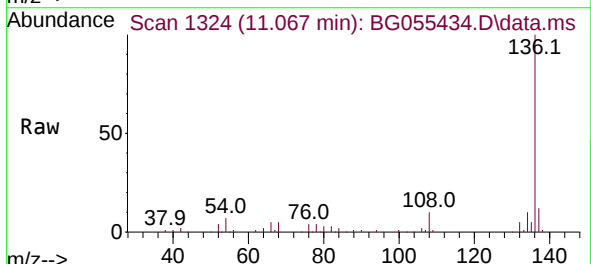
Instrument :
BNA_G
ClientSampleId :
PB148769BL

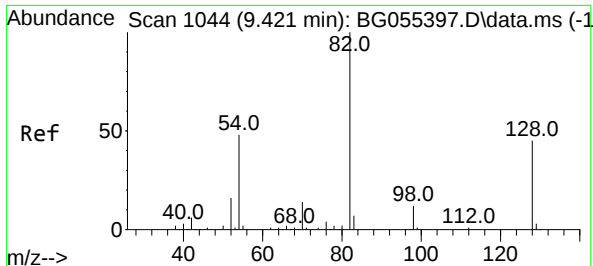
Tgt Ion: 99 Resp: 260007
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 34.5 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

Tgt Ion: 136 Resp: 106962
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 7.3 6.1 9.1
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 75.255 ng

RT: 9.410 min Scan# 1044

Delta R.T. -0.011 min

Lab File: BG055434.D

Acq: 3 Nov 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB148769BL

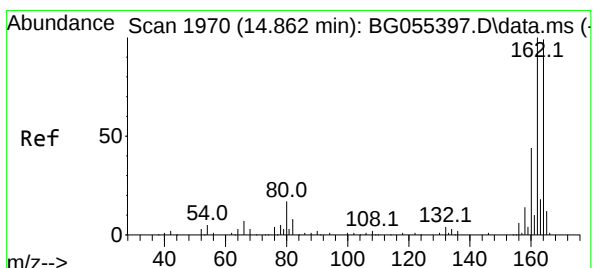
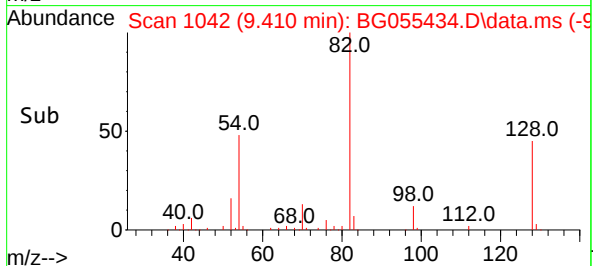
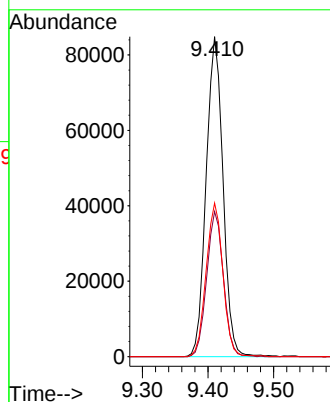
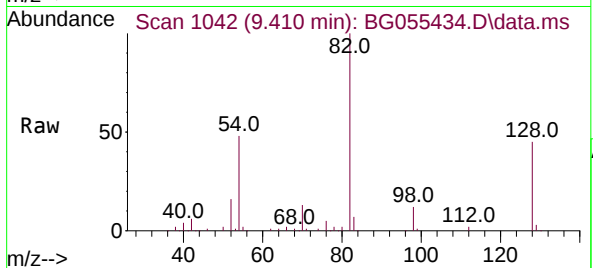
Tgt Ion: 82 Resp: 151036

Ion Ratio Lower Upper

82 100

128 45.3 35.8 53.8

54 48.0 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.011 min

Lab File: BG055434.D

Acq: 3 Nov 2022 12:21

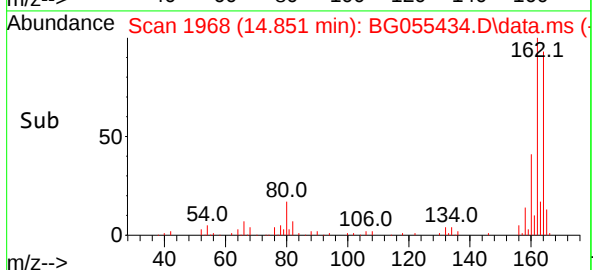
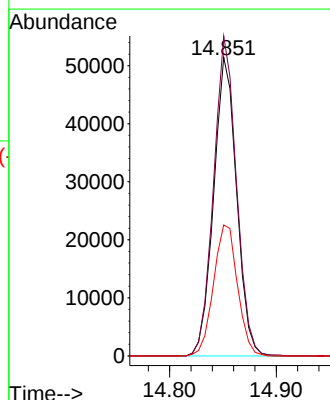
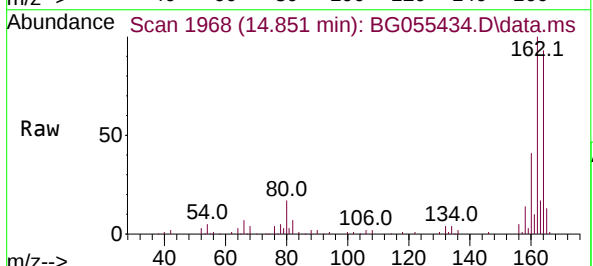
Tgt Ion:164 Resp: 77187

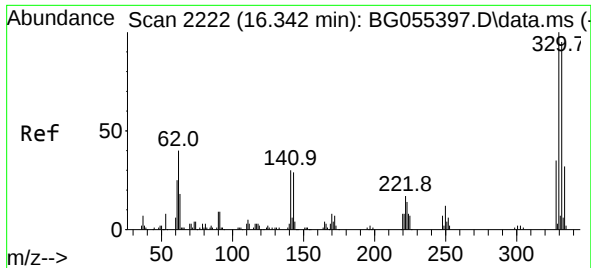
Ion Ratio Lower Upper

164 100

162 107.2 81.1 121.7

160 43.9 35.8 53.6

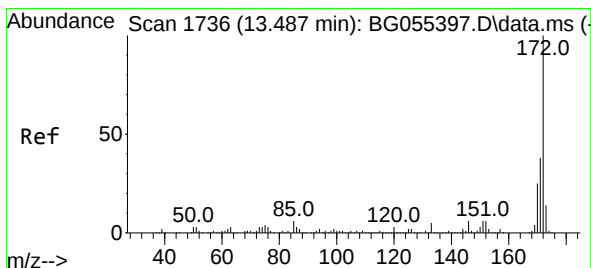
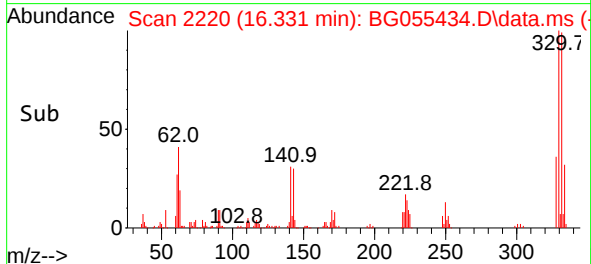
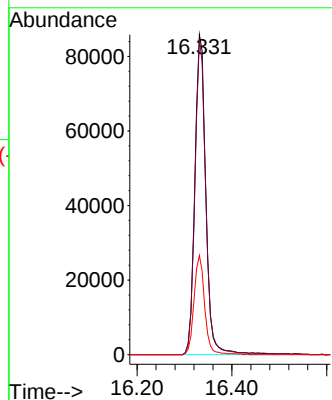
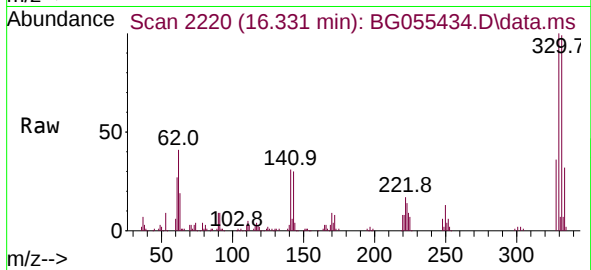




#42
2,4,6-Tribromophenol
Concen: 131.592 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

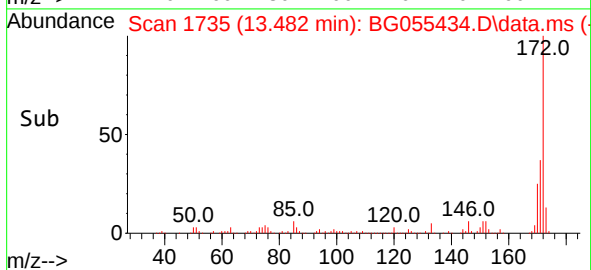
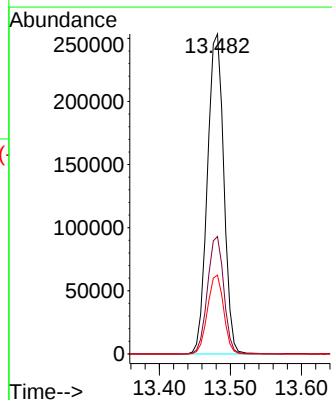
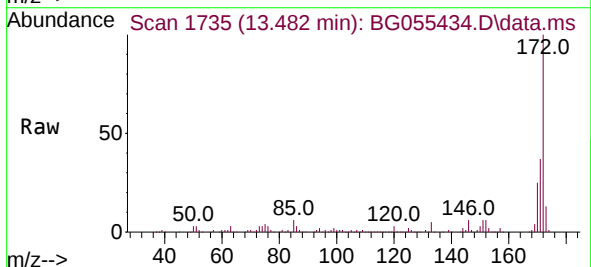
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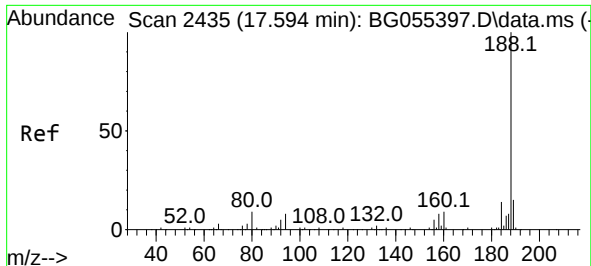
Tgt Ion:330 Resp: 138547
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.6
141 30.0 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 77.633 ng
RT: 13.482 min Scan# 1735
Delta R.T. -0.005 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

Tgt Ion:172 Resp: 404157
Ion Ratio Lower Upper
172 100
171 36.7 30.2 45.2
170 24.6 20.2 30.2

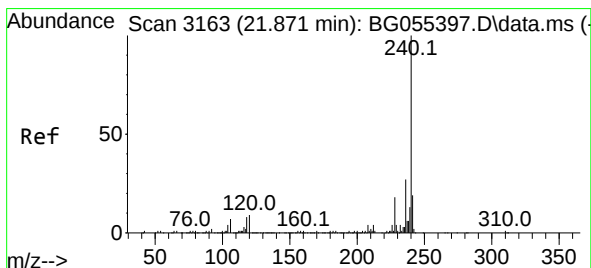
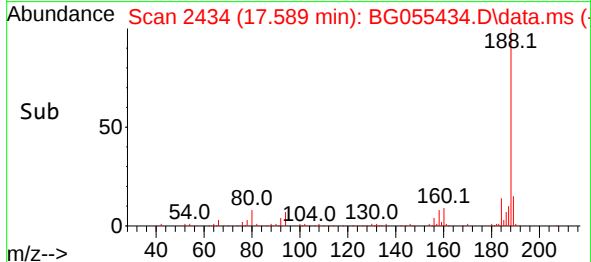
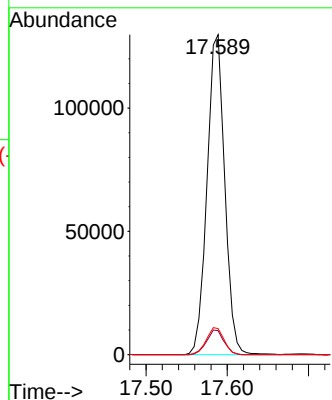
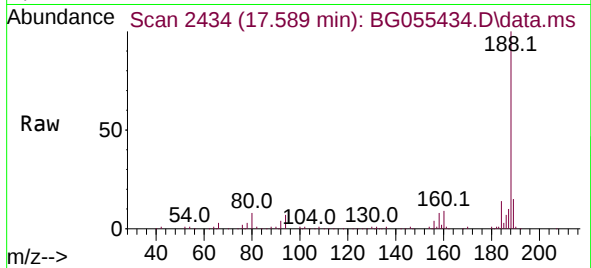




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.589 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

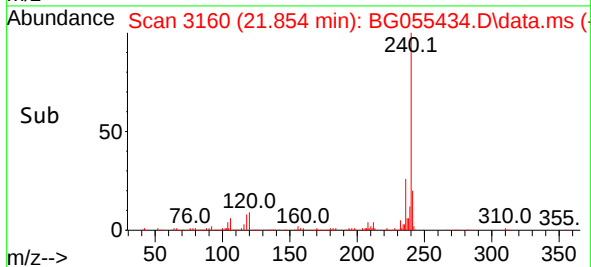
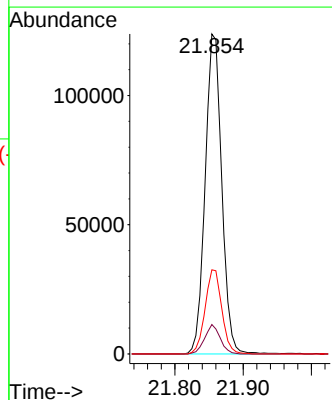
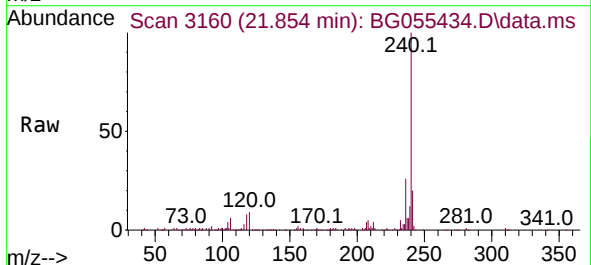
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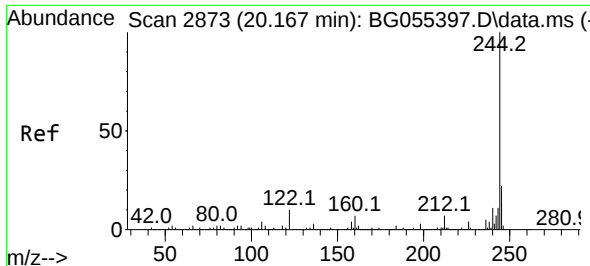
Tgt Ion:188 Resp: 196603
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 8.1 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.017 min
Lab File: BG055434.D
Acq: 3 Nov 2022 12:21

Tgt Ion:240 Resp: 209245
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 26.3 21.5 32.3

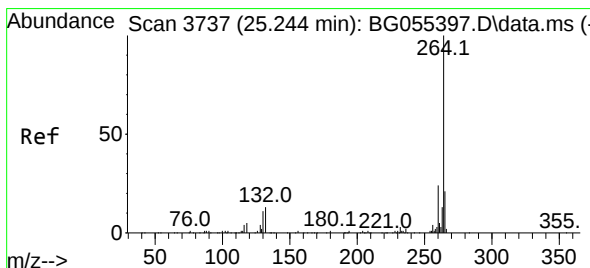
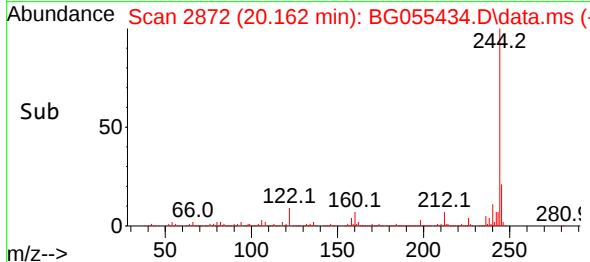
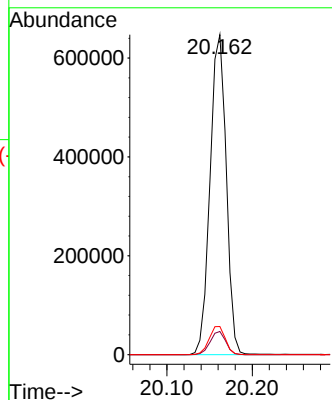
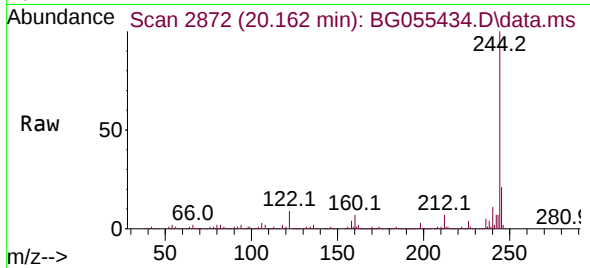




#79
 Terphenyl-d14
 Concen: 79.286 ng
 RT: 20.162 min Scan# 2873
 Delta R.T. -0.005 min
 Lab File: BG055434.D
 Acq: 3 Nov 2022 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB148769BL

Tgt Ion:244 Resp: 853165
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 8.8 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.227 min Scan# 3734
 Delta R.T. -0.017 min
 Lab File: BG055434.D
 Acq: 3 Nov 2022 12:21

Tgt Ion:264 Resp: 223755
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 21.9 17.1 25.7

