

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055465.D
 Acq On : 4 Nov 2022 22:42
 Operator : CG/JU
 Sample : N5310-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BIN 1-2-(2840)-COMP-3

Quant Time: Nov 05 00:05:57 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	8.229	152	22824	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	94603	20.000	ng	# 0.00
39) Acenaphthene-d10	14.844	164	70860	20.000	ng	-0.01
64) Phenanthrene-d10	17.582	188	182060	20.000	ng	0.00
76) Chrysene-d12	21.854	240	189371	20.000	ng	0.00
86) Perylene-d12	25.220	264	203066	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	130486	102.670	ng	0.00
7) Phenol-d6	7.377	99	169415	96.124	ng	0.00
23) Nitrobenzene-d5	9.404	82	101397	57.122	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	77132	79.802	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	287903	60.240	ng	-0.01
79) Terphenyl-d14	20.156	244	604752	62.098	ng	0.00

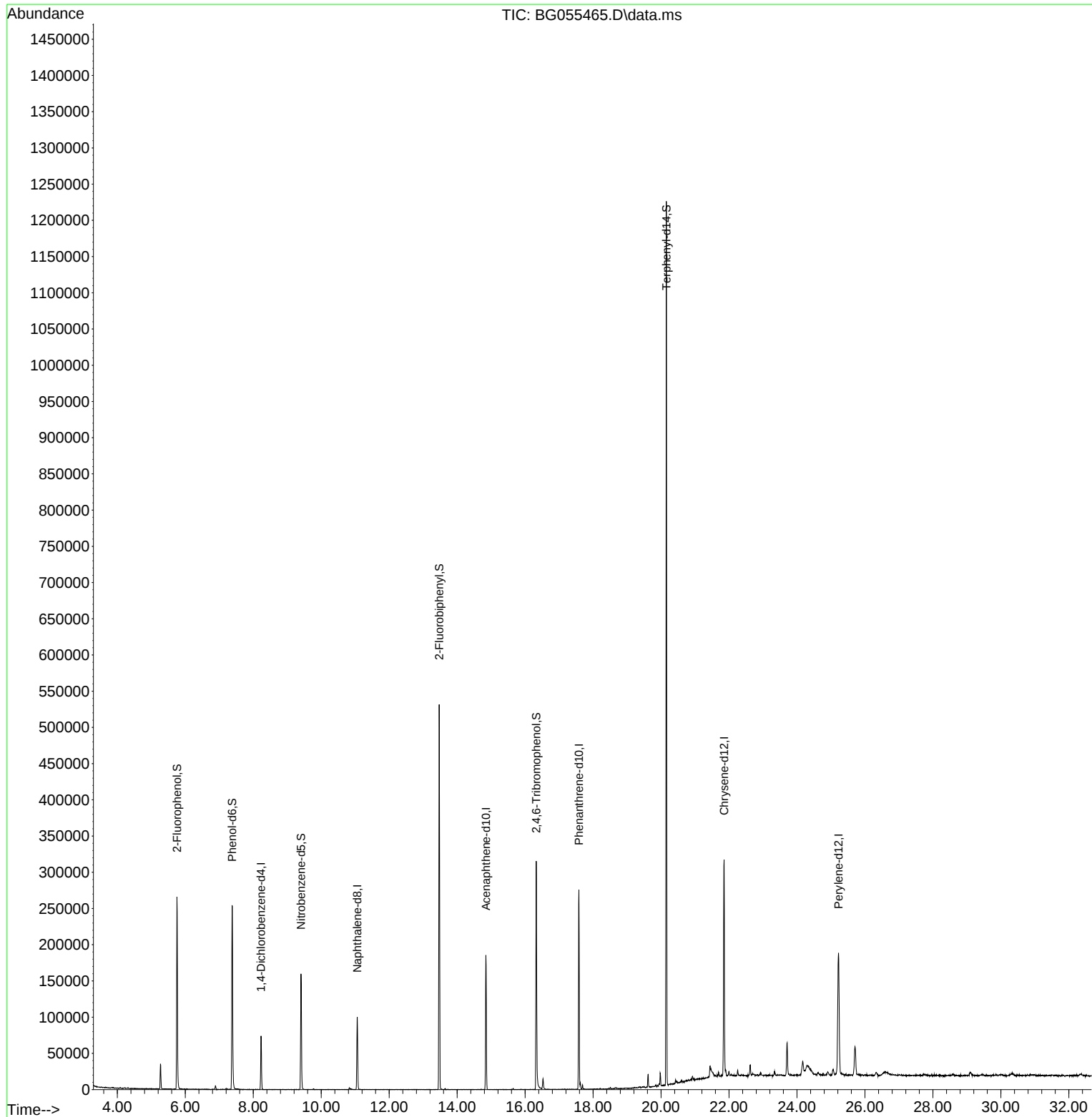
Target Compounds	Qvalue

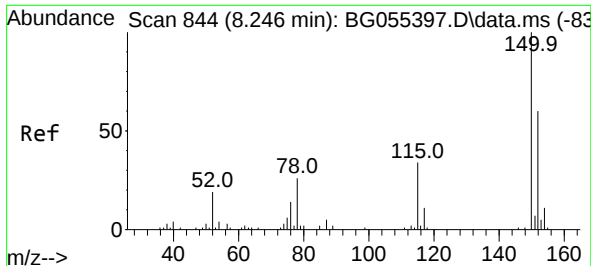
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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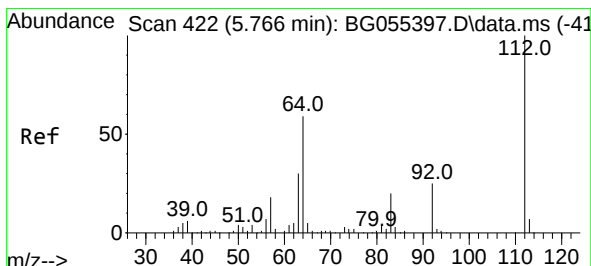
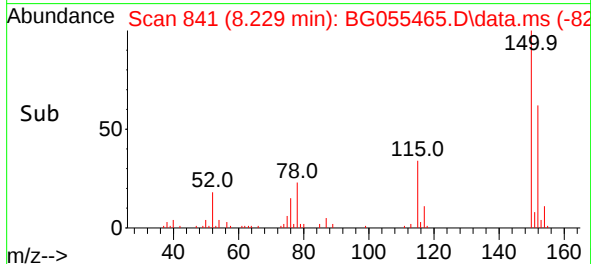
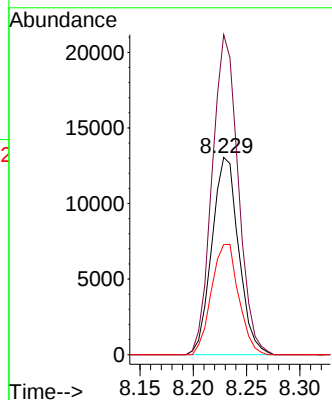
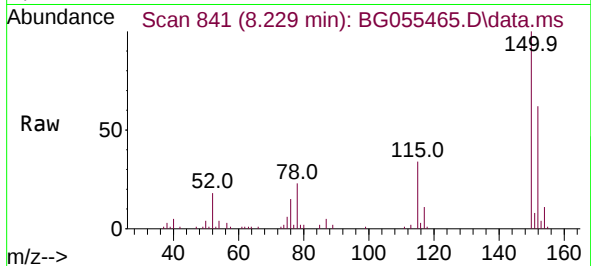




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

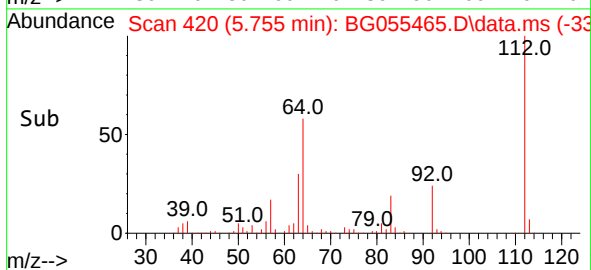
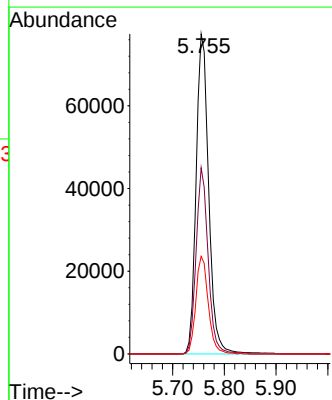
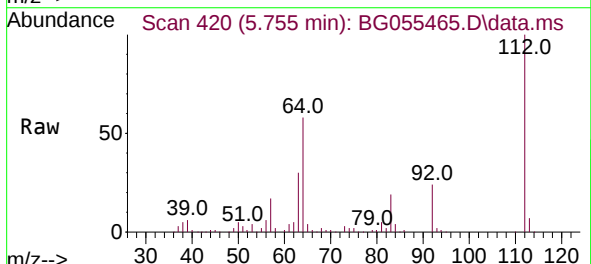
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-3

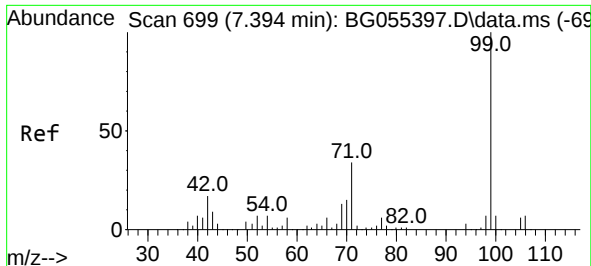
Tgt Ion:152 Resp: 22824
Ion Ratio Lower Upper
152 100
150 162.3 132.8 199.2
115 55.8 45.1 67.7



#5
2-Fluorophenol
Concen: 102.670 ng
RT: 5.755 min Scan# 420
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

Tgt Ion:112 Resp: 130486
Ion Ratio Lower Upper
112 100
64 58.2 47.2 70.8
63 30.5 24.3 36.5

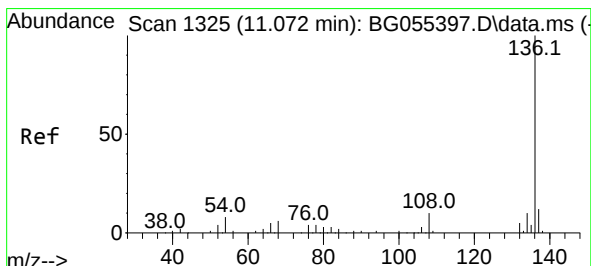
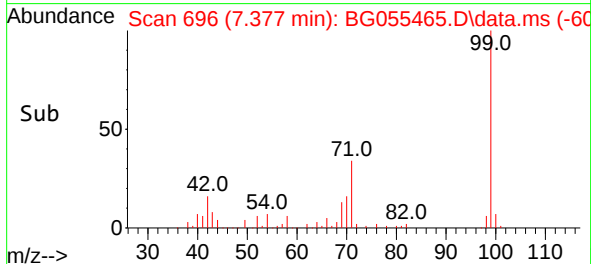
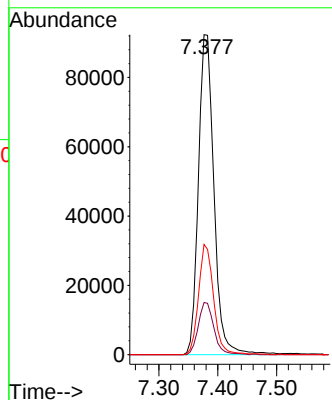
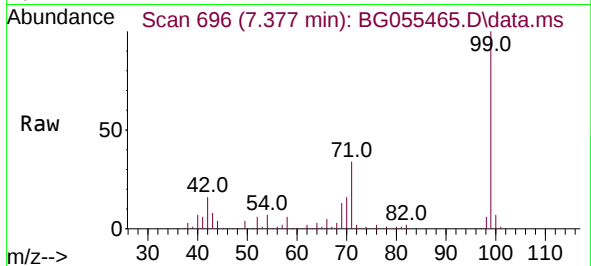




#7
Phenol-d6
Concen: 96.124 ng
RT: 7.377 min Scan# 699
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

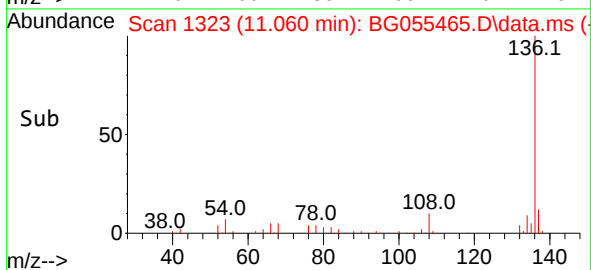
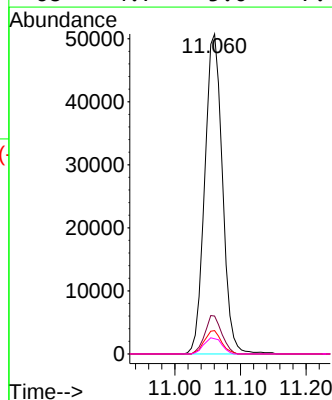
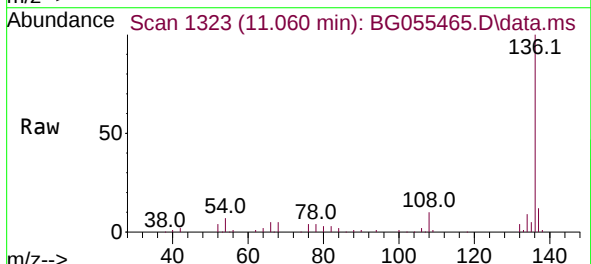
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-3

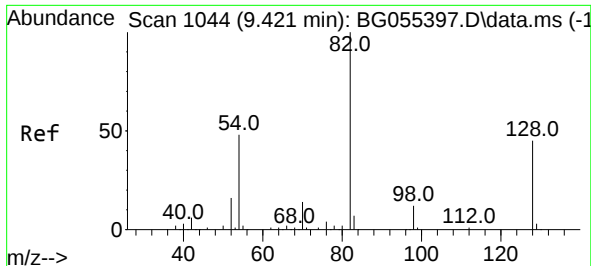
Tgt Ion: 99 Resp: 169415
Ion Ratio Lower Upper
99 100
42 16.3 13.5 20.3
71 34.4 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1323
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

Tgt Ion: 136 Resp: 94603
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 7.3 6.1 9.1
68 4.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 57.122 ng

RT: 9.404 min Scan# 1044

Delta R.T. -0.007 min

Lab File: BG055465.D

Acq: 4 Nov 2022 22:42

Instrument :

BNA_G

ClientSampleId :

BIN 1-2-(2840)-COMP-3

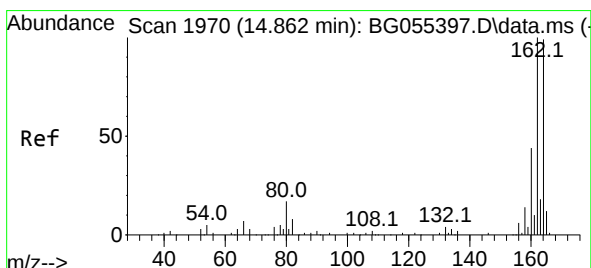
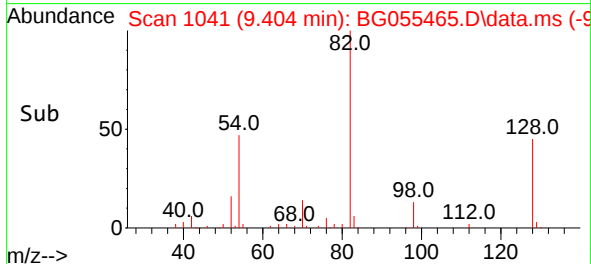
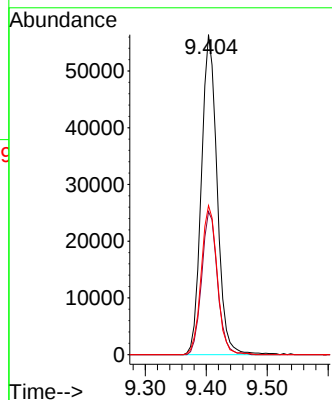
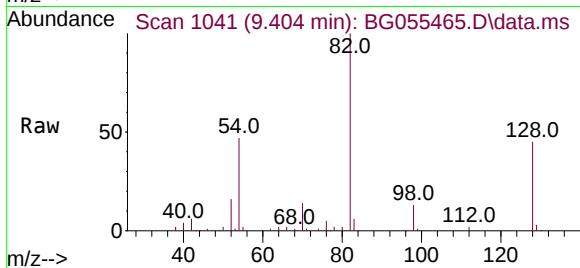
Tgt Ion: 82 Resp: 101397

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.8

54 46.6 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.844 min Scan# 1967

Delta R.T. -0.013 min

Lab File: BG055465.D

Acq: 4 Nov 2022 22:42

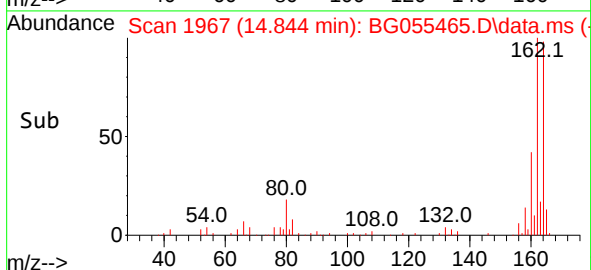
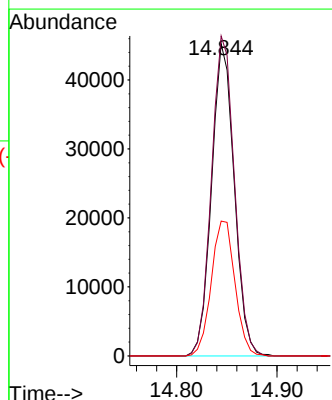
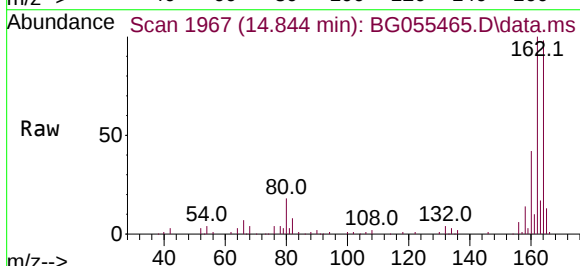
Tgt Ion: 164 Resp: 70860

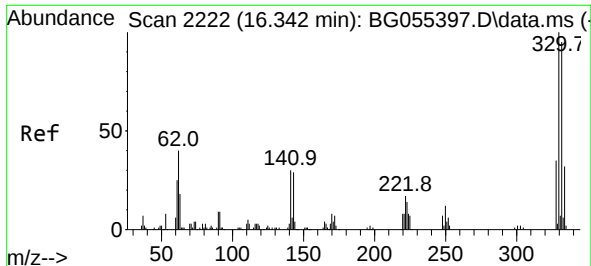
Ion Ratio Lower Upper

164 100

162 102.5 81.1 121.7

160 43.2 35.8 53.6

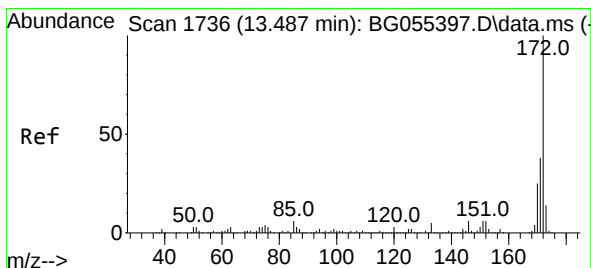
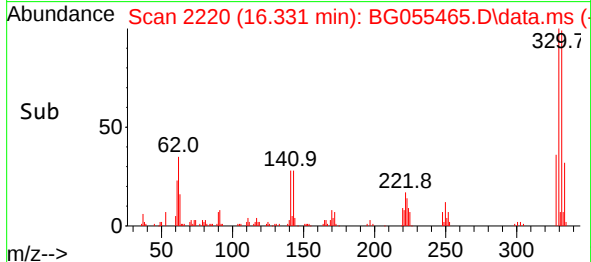
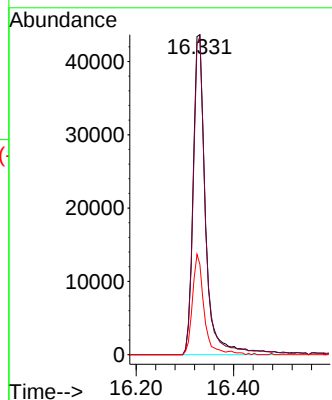
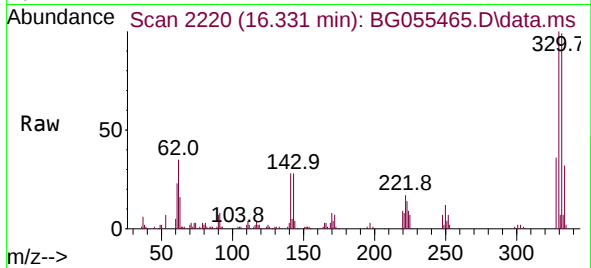




#42
2,4,6-Tribromophenol
Concen: 79.802 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

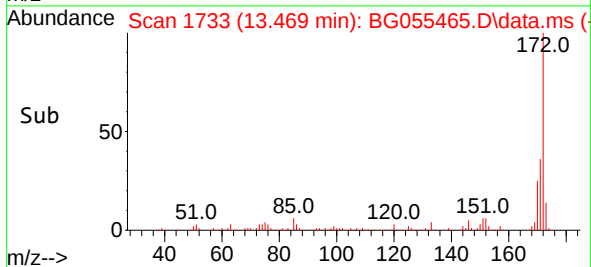
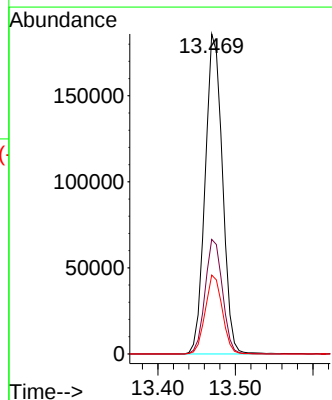
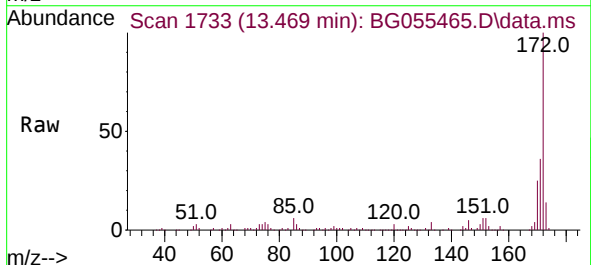
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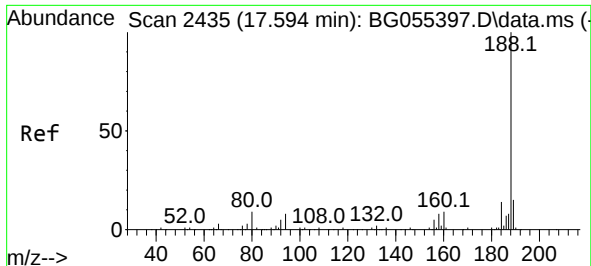
Tgt Ion:330 Resp: 77132
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.6
141 28.5 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 60.240 ng
RT: 13.469 min Scan# 1733
Delta R.T. -0.013 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

Tgt Ion:172 Resp: 287903
Ion Ratio Lower Upper
172 100
171 35.8 30.2 45.2
170 24.7 20.2 30.2

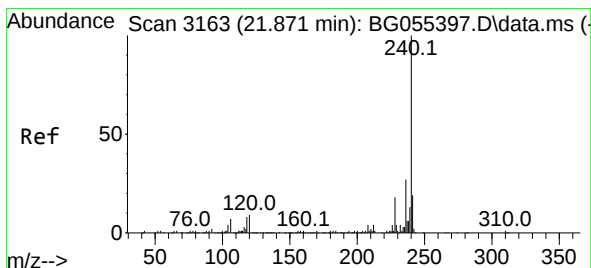
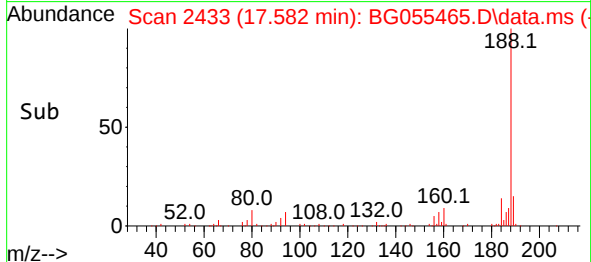
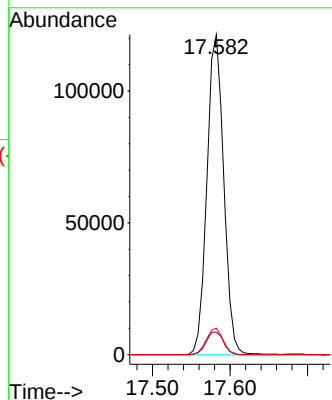
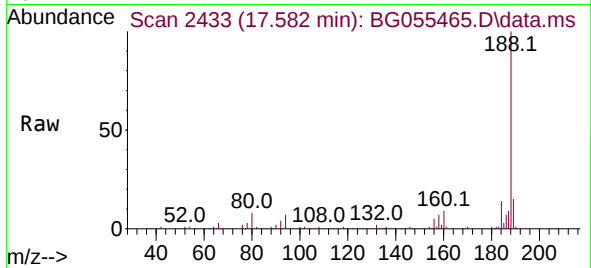




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2433
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

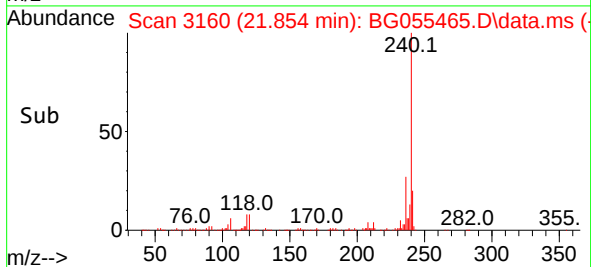
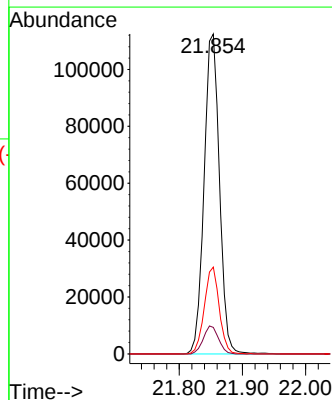
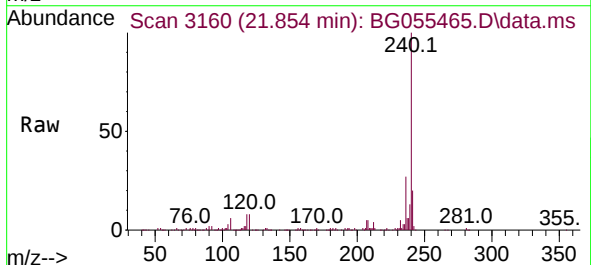
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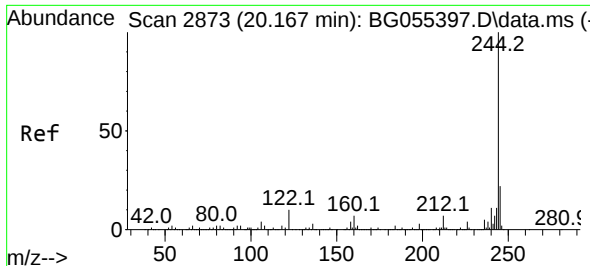
Tgt Ion:188 Resp: 182060
Ion Ratio Lower Upper
188 100
94 7.0 6.5 9.7
80 8.3 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

Tgt Ion:240 Resp: 189371
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 27.1 21.5 32.3

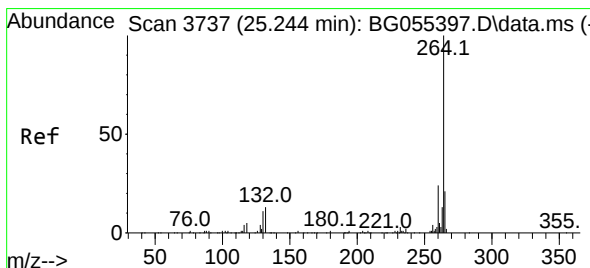
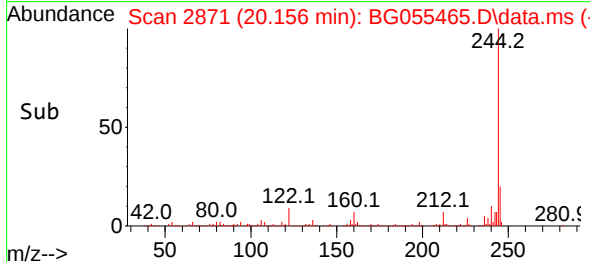
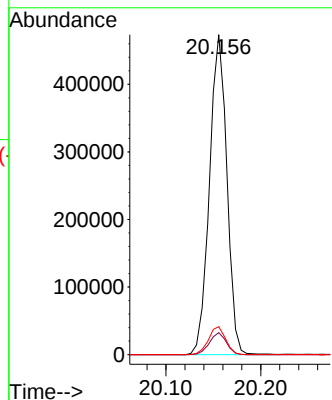
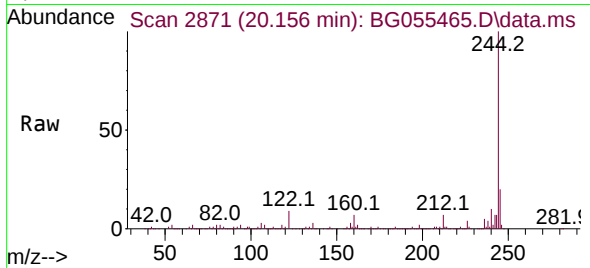




#79
 Terphenyl-d14
 Concen: 62.098 ng
 RT: 20.156 min Scan# 2871
 Delta R.T. -0.007 min
 Lab File: BG055465.D
 Acq: 4 Nov 2022 22:42

Instrument :
 BNA_G
 ClientSampleId :
 BIN 1-2-(2840)-COMP-3

Tgt Ion:244 Resp: 604752
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 8.7 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.220 min Scan# 3733
 Delta R.T. -0.013 min
 Lab File: BG055465.D
 Acq: 4 Nov 2022 22:42

Tgt Ion:264 Resp: 203066
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.9 28.3
 265 21.3 17.1 25.7

