

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055361.D
 Acq On : 29 Oct 2022 11:50
 Operator : CG/JU
 Sample : PB148528TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148528TB

Quant Time: Oct 31 02:42:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.260	152	24828	20.000	ng	0.00
21) Naphthalene-d8	11.092	136	105629	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	75659	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	192952	20.000	ng	# 0.00
76) Chrysene-d12	21.879	240	206231	20.000	ng	-0.01
86) Perylene-d12	25.269	264	219237	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	192263	135.592	ng	0.00
7) Phenol-d6	7.408	99	252335	122.833	ng	0.00
23) Nitrobenzene-d5	9.435	82	151417	73.198	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	131807	160.256	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	392764	84.968	ng	-0.01
79) Terphenyl-d14	20.181	244	848121	85.444	ng	0.00

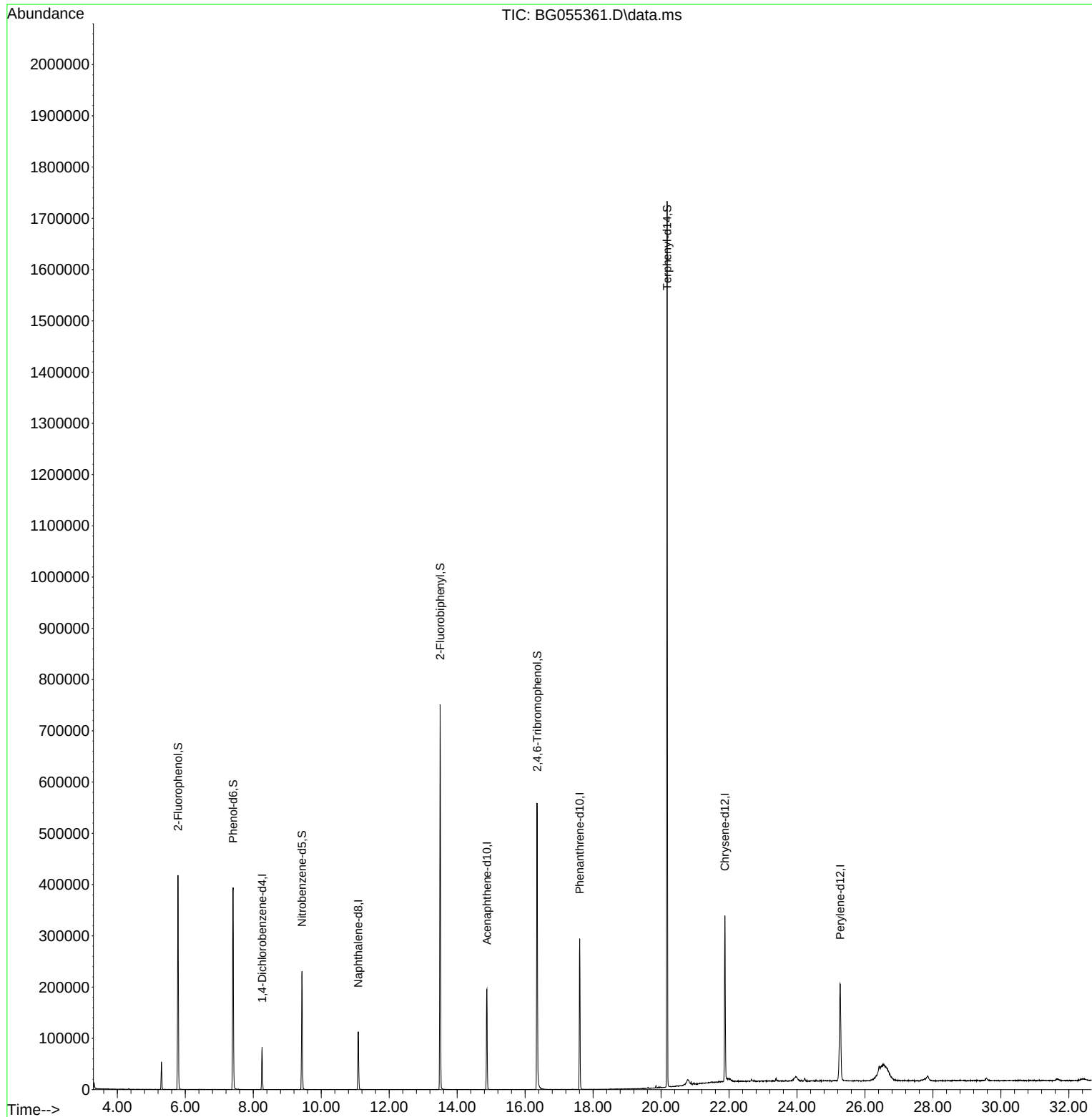
Target Compounds Qvalue

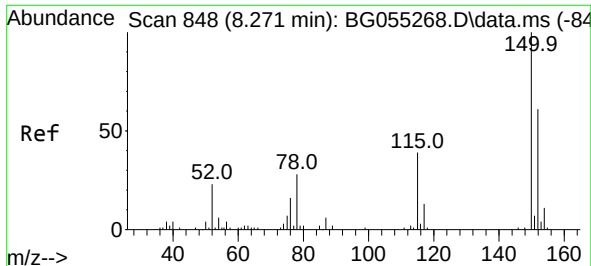
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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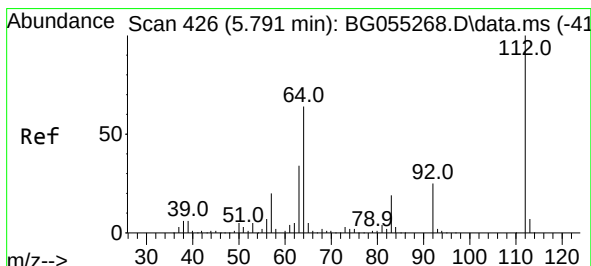
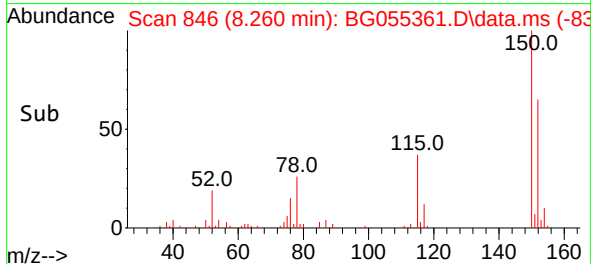
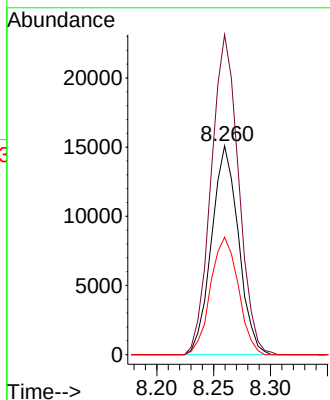
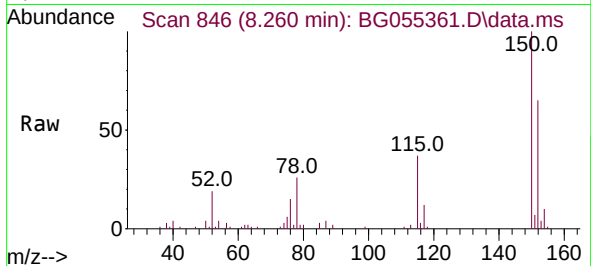




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.260 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

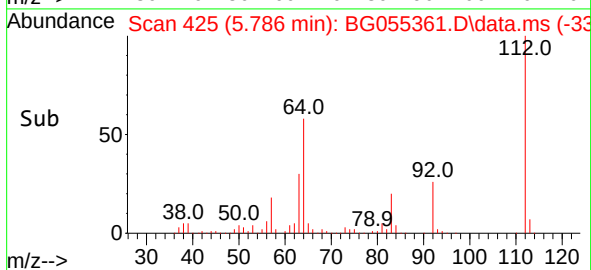
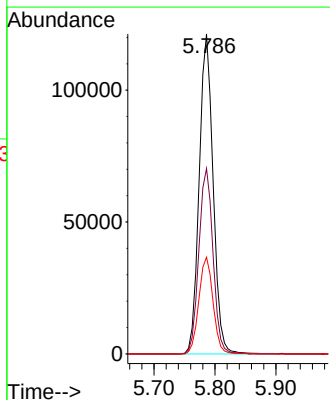
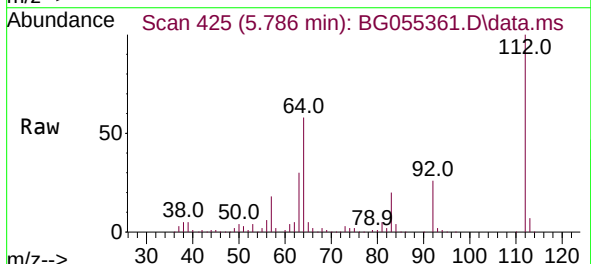
Instrument :
BNA_G
ClientSampleId :
PB148528TB

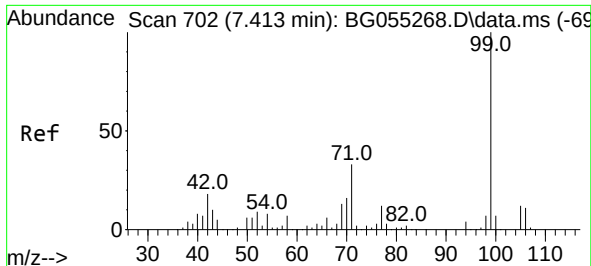
Tgt Ion:152 Resp: 24828
Ion Ratio Lower Upper
152 100
150 153.4 118.2 177.4
115 56.2 44.5 66.7



#5
2-Fluorophenol
Concen: 135.592 ng
RT: 5.786 min Scan# 425
Delta R.T. 0.001 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

Tgt Ion:112 Resp: 192263
Ion Ratio Lower Upper
112 100
64 58.0 52.6 78.8
63 30.2 27.1 40.7

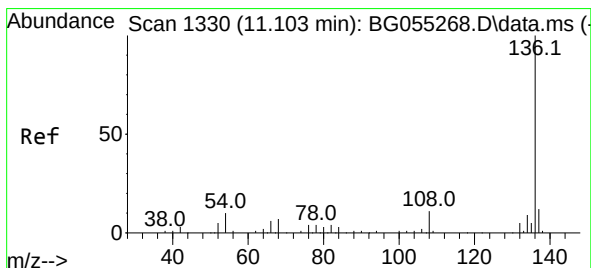
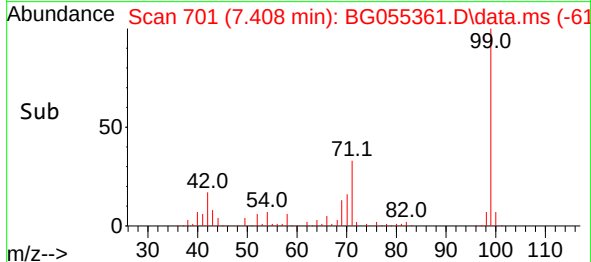
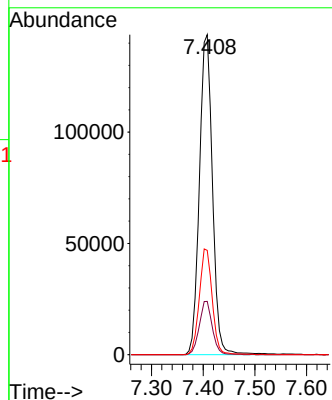
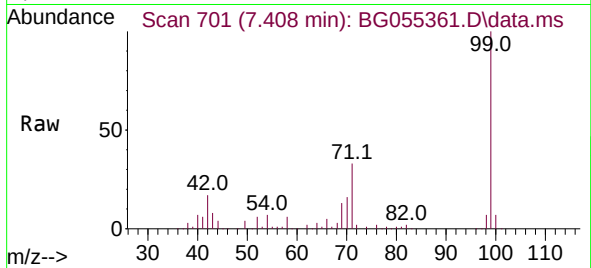




#7
Phenol-d6
Concen: 122.833 ng
RT: 7.408 min Scan# 70
Delta R.T. -0.005 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

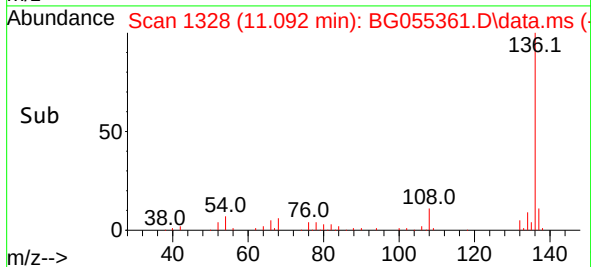
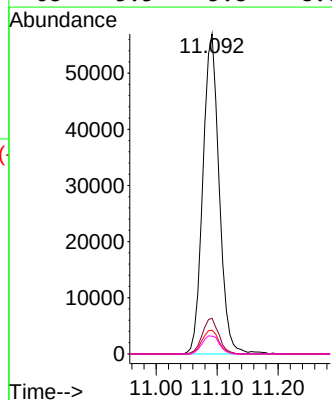
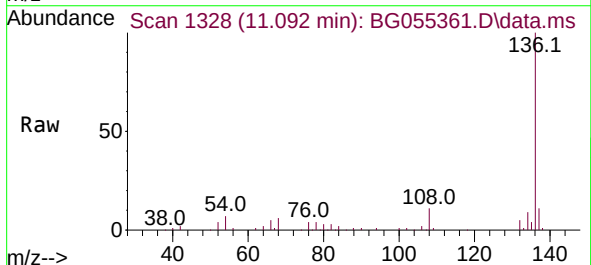
Instrument :
BNA_G
ClientSampleId :
PB148528TB

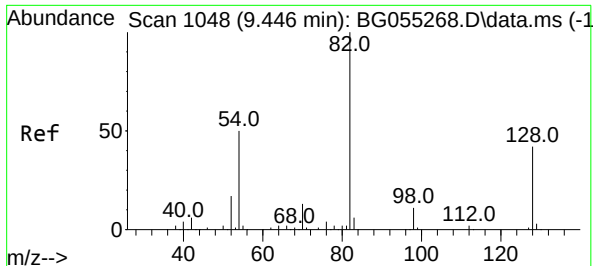
Tgt Ion: 99 Resp: 252335
Ion Ratio Lower Upper
99 100
42 16.6 15.2 22.8
71 32.6 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.092 min Scan# 1328
Delta R.T. -0.005 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

Tgt Ion:136 Resp: 105629
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.4 7.8 11.8#
68 5.5 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 73.198 ng

RT: 9.435 min Scan# 1046

Delta R.T. -0.005 min

Lab File: BG055361.D

Acq: 29 Oct 2022 11:50

Instrument :

BNA_G

ClientSampleId :

PB148528TB

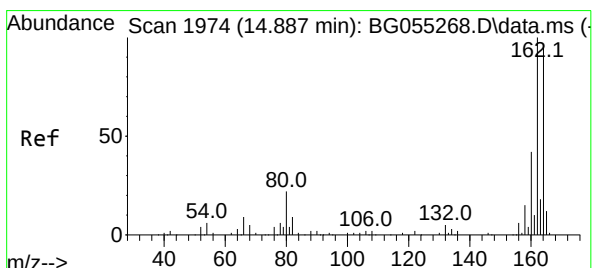
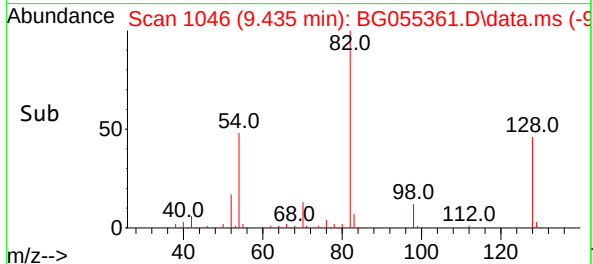
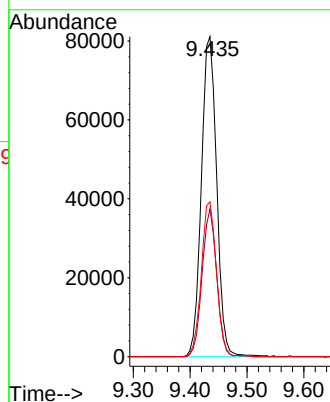
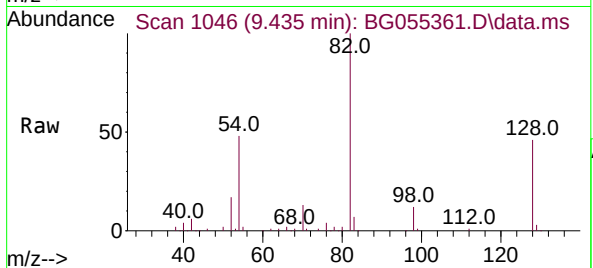
Tgt Ion: 82 Resp: 151417

Ion Ratio Lower Upper

82 100

128 46.1 32.0 48.0

54 48.4 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.005 min

Lab File: BG055361.D

Acq: 29 Oct 2022 11:50

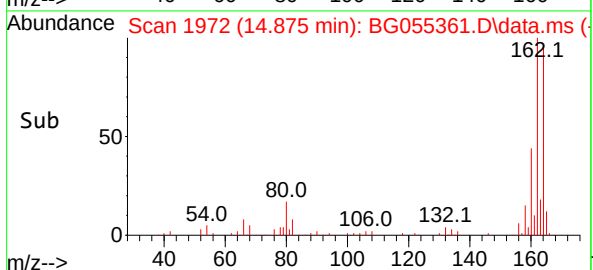
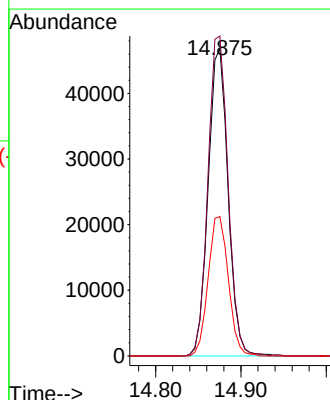
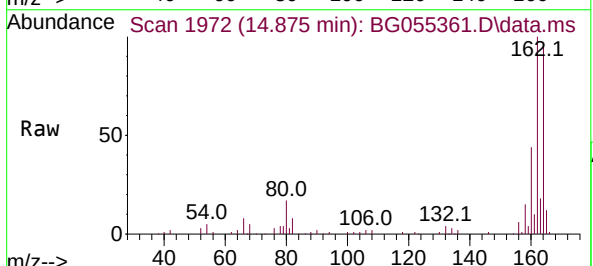
Tgt Ion: 164 Resp: 75659

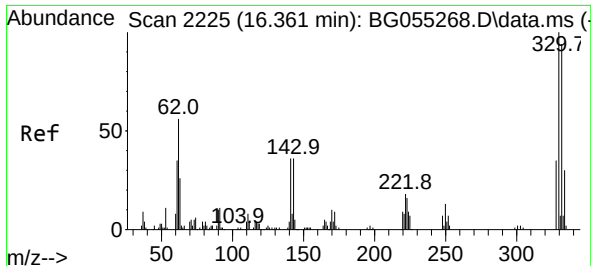
Ion Ratio Lower Upper

164 100

162 104.1 84.0 126.0

160 45.3 36.7 55.1

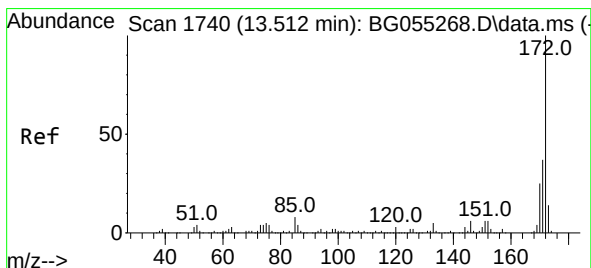
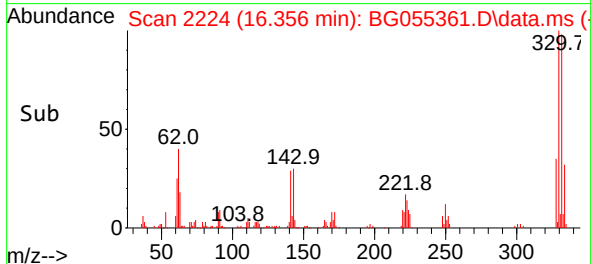
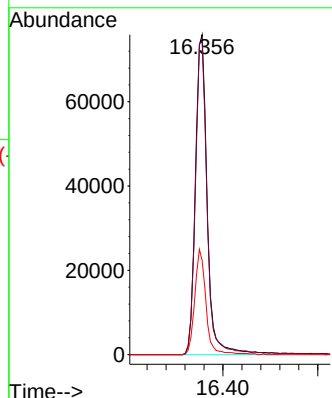
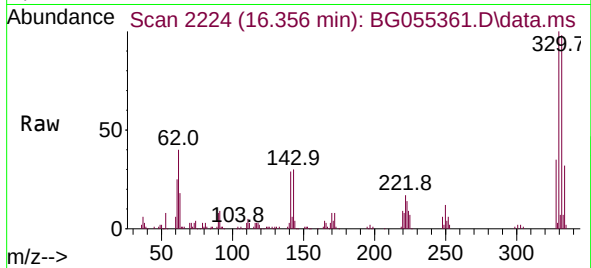




#42
2,4,6-Tribromophenol
Concen: 160.256 ng
RT: 16.356 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

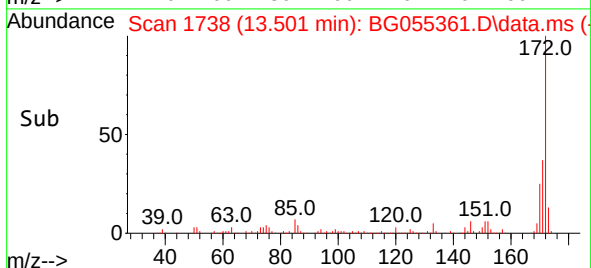
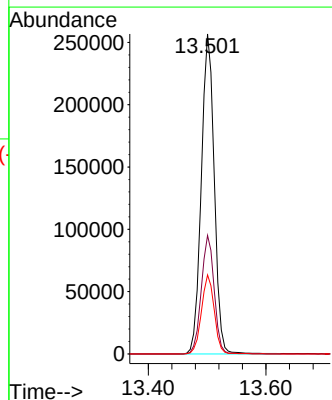
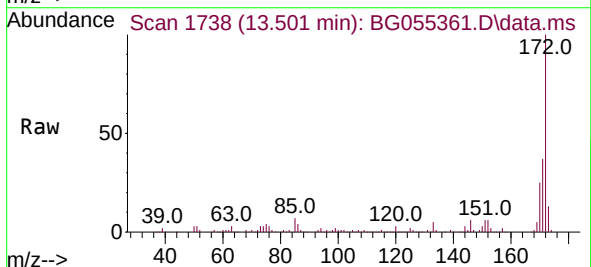
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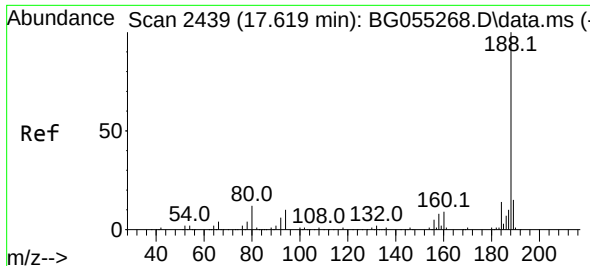
Tgt Ion:330 Resp: 131807
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.0
141 31.2 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 84.968 ng
RT: 13.501 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

Tgt Ion:172 Resp: 392764
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.7 20.2 30.2

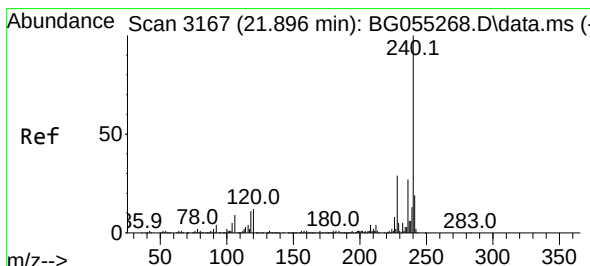
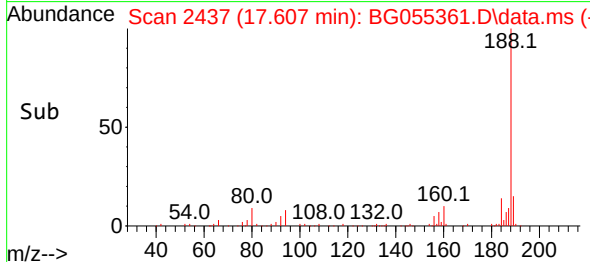
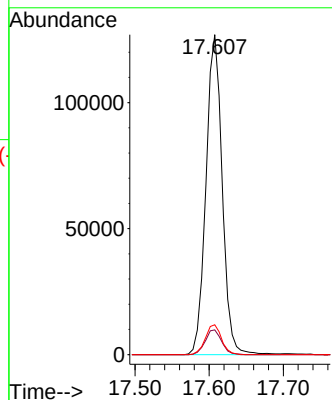
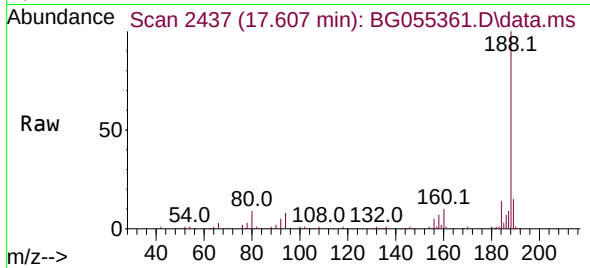




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

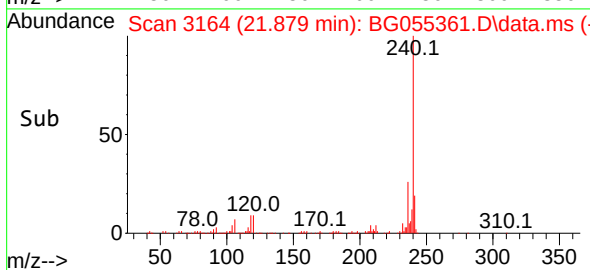
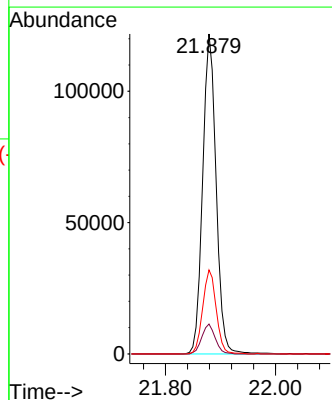
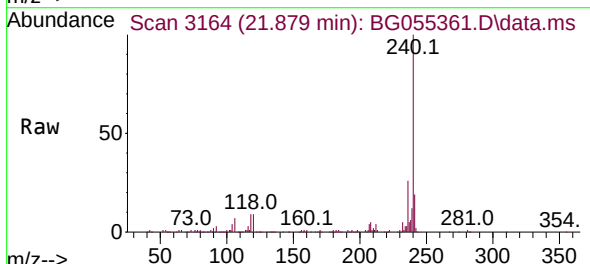
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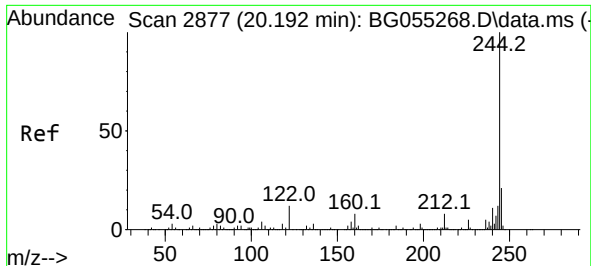
Tgt Ion:188 Resp: 192952
Ion Ratio Lower Upper
188 100
94 7.7 8.2 12.4#
80 9.3 10.1 15.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.879 min Scan# 3164
Delta R.T. -0.011 min
Lab File: BG055361.D
Acq: 29 Oct 2022 11:50

Tgt Ion:240 Resp: 206231
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 26.2 21.0 31.4

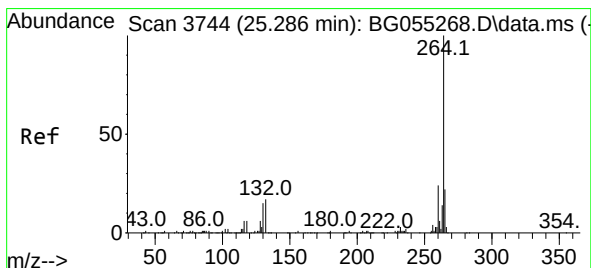
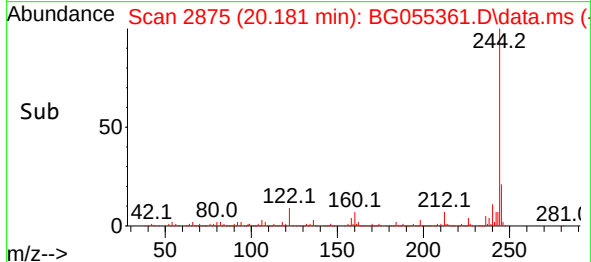
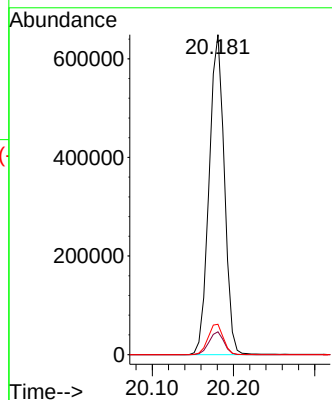
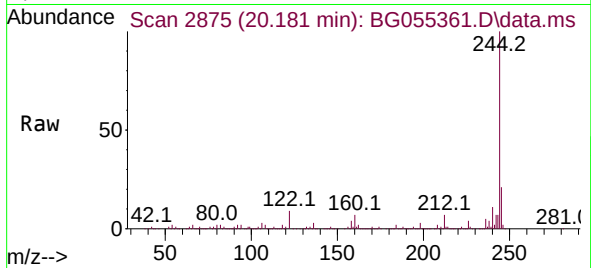




#79
 Terphenyl-d14
 Concen: 85.444 ng
 RT: 20.181 min Scan# 2875
 Delta R.T. -0.005 min
 Lab File: BG055361.D
 Acq: 29 Oct 2022 11:50

Instrument :
 BNA_G
 ClientSampleId :
 PB148528TB

Tgt Ion:244 Resp: 848121
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.5 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.269 min Scan# 3741
 Delta R.T. -0.017 min
 Lab File: BG055361.D
 Acq: 29 Oct 2022 11:50

Tgt Ion:264 Resp: 219237
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.6 17.4 26.2

