

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056301.D
 Acq On : 16 Jan 2023 18:09
 Operator : CG/JU
 Sample : 01129-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207

Quant Time: Jan 17 05:26:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	46221	20.000	ng	0.00
21) Naphthalene-d8	11.146	136	164985	20.000	ng	0.00
39) Acenaphthene-d10	14.924	164	124448	20.000	ng	0.00
64) Phenanthrene-d10	17.662	188	338278	20.000	ng	0.00
76) Chrysene-d12	21.957	240	345953	20.000	ng	# 0.00
86) Perylene-d12	25.400	264	369245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	400559	154.734	ng	0.00
7) Phenol-d6	7.450	99	497148	125.053	ng	0.00
23) Nitrobenzene-d5	9.489	82	324397	100.575	ng	0.00
42) 2,4,6-Tribromophenol	16.404	330	255664	162.212	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	962639	106.816	ng	0.00
79) Terphenyl-d14	20.241	244	2043963	105.819	ng	0.00

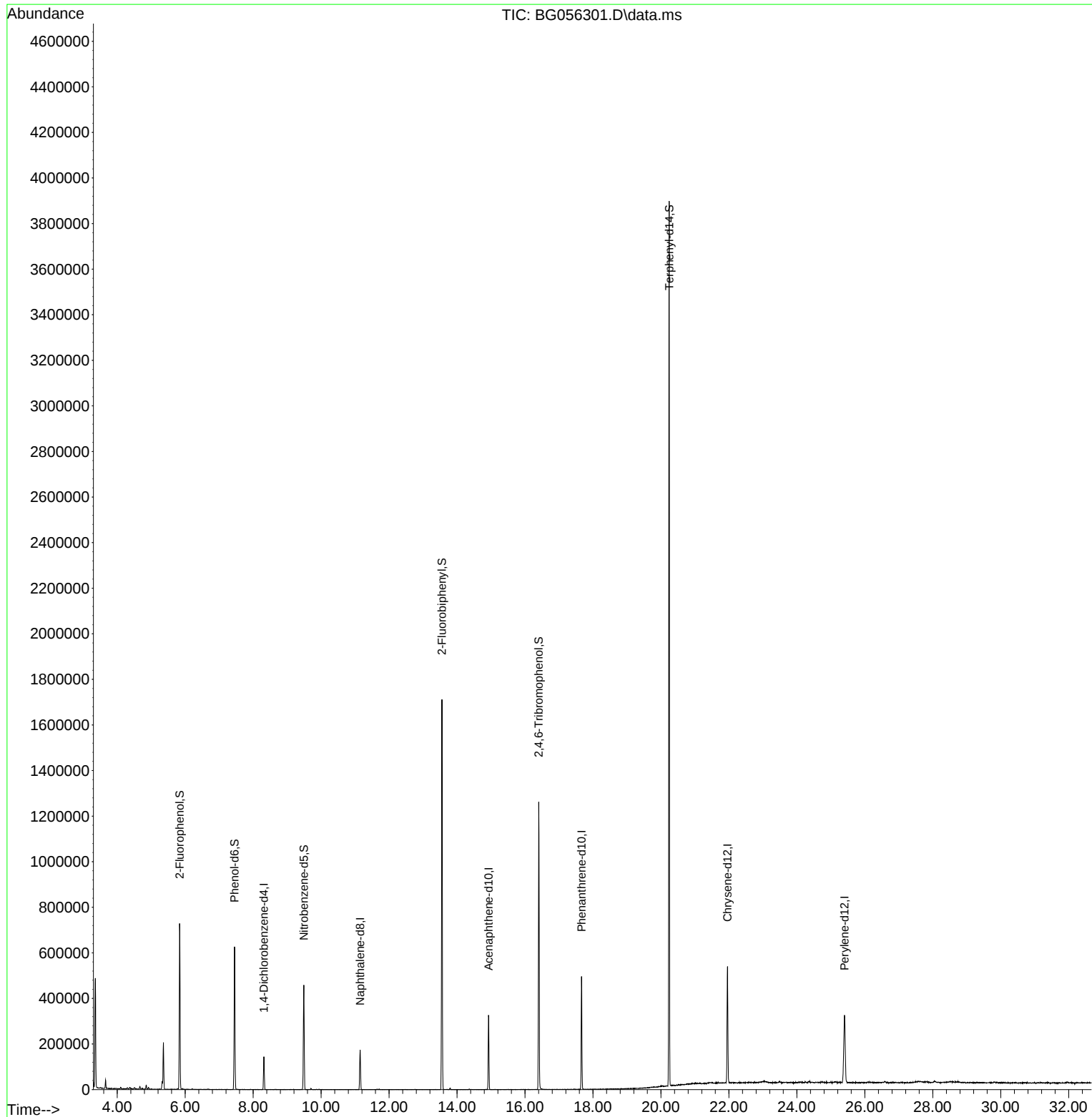
Target Compounds Qvalue

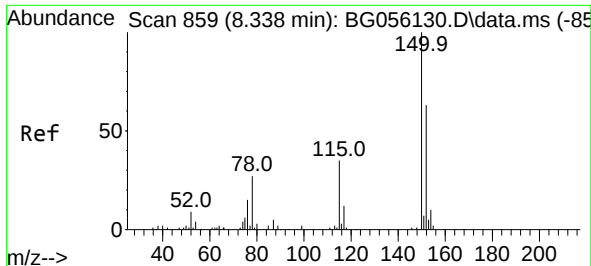
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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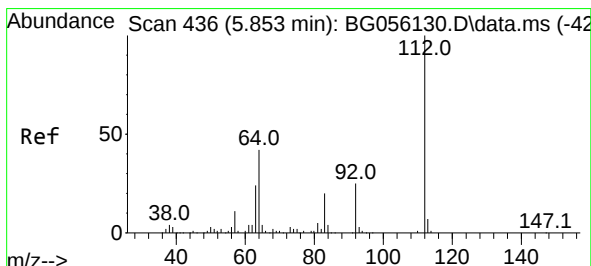
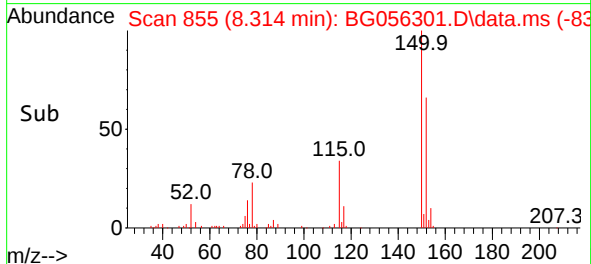
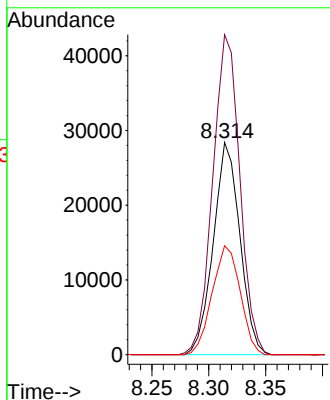
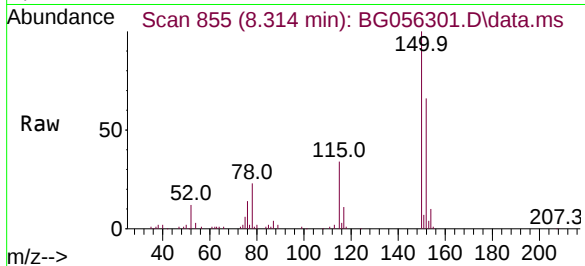




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.314 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG056301.D
 Acq: 16 Jan 2023 18:09

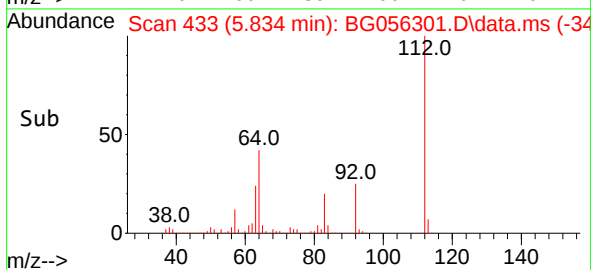
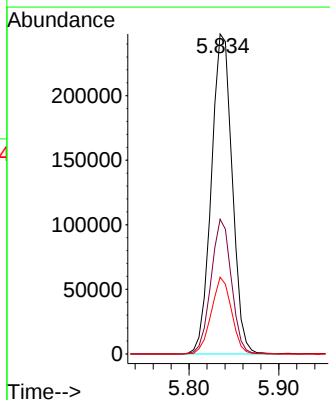
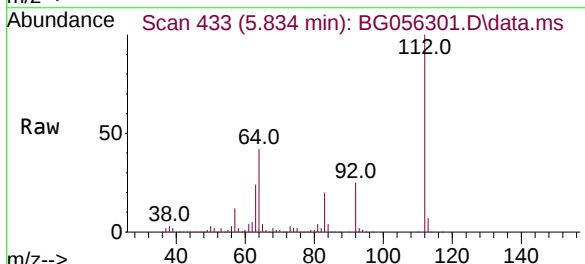
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207

Tgt Ion:152 Resp: 46221
 Ion Ratio Lower Upper
 152 100
 150 150.9 127.9 191.9
 115 51.4 44.2 66.2



#5
 2-Fluorophenol
 Concen: 154.734 ng
 RT: 5.834 min Scan# 433
 Delta R.T. 0.009 min
 Lab File: BG056301.D
 Acq: 16 Jan 2023 18:09

Tgt Ion:112 Resp: 400559
 Ion Ratio Lower Upper
 112 100
 64 42.1 33.3 49.9
 63 24.0 19.0 28.4

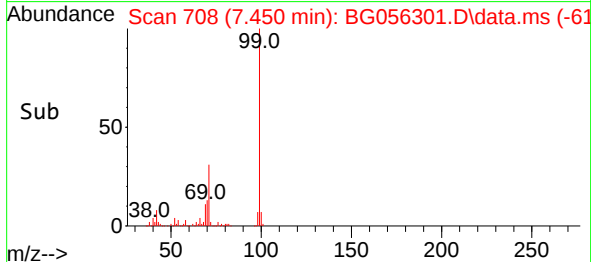
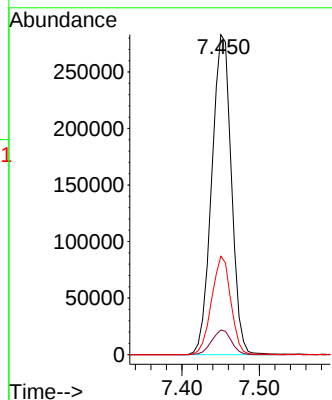
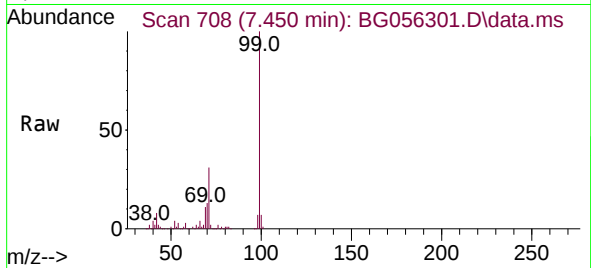




#7
Phenol-d6
Concen: 125.053 ng
RT: 7.450 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

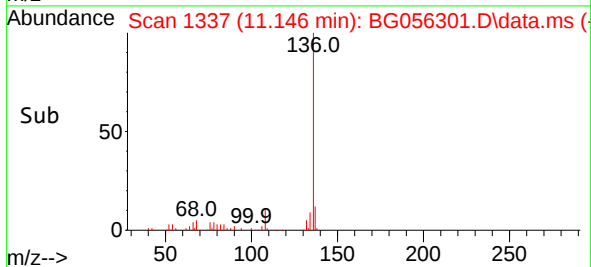
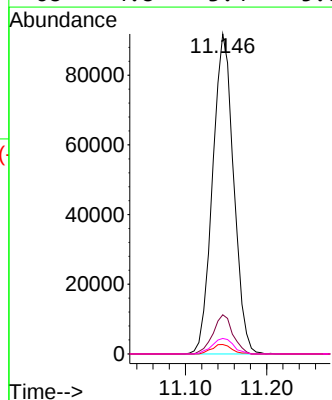
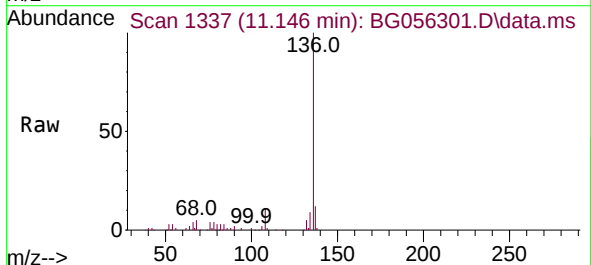
Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion: 99 Resp: 497148
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 30.7 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.146 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Tgt Ion: 136 Resp: 164985
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 3.0 2.2 3.2
68 4.8 3.4 5.0





#23

Nitrobenzene-d5

Concen: 100.575 ng

RT: 9.489 min Scan# 1055

Delta R.T. -0.003 min

Lab File: BG056301.D

Acq: 16 Jan 2023 18:09

Instrument :

BNA_G

ClientSampleId :

VNJ-207

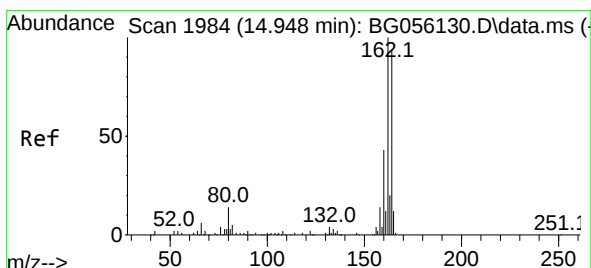
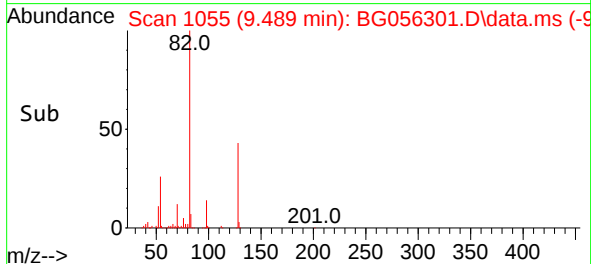
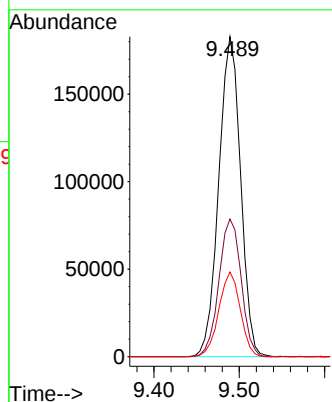
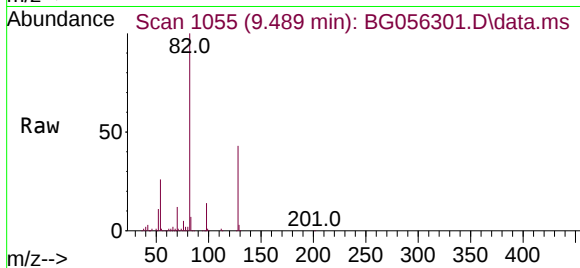
Tgt Ion: 82 Resp: 324397

Ion Ratio Lower Upper

82 100

128 43.0 33.4 50.2

54 26.5 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.924 min Scan# 1980

Delta R.T. -0.003 min

Lab File: BG056301.D

Acq: 16 Jan 2023 18:09

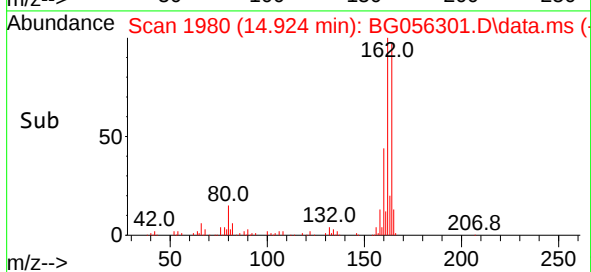
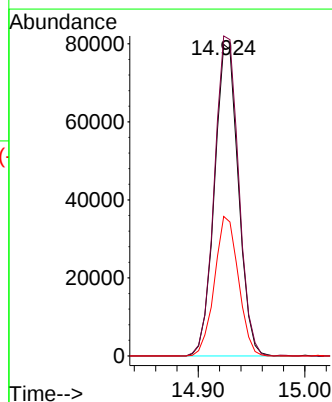
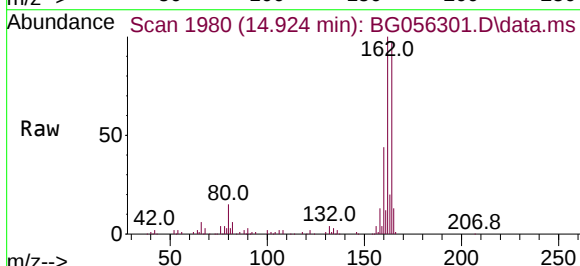
Tgt Ion:164 Resp: 124448

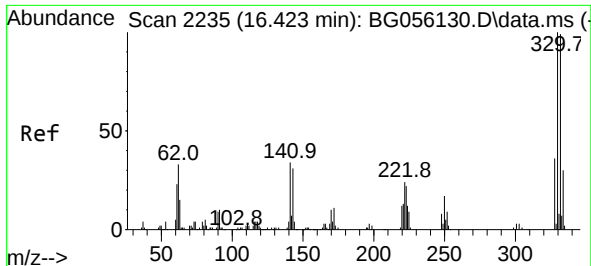
Ion Ratio Lower Upper

164 100

162 102.7 84.7 127.1

160 44.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 162.212 ng

RT: 16.404 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056301.D

Acq: 16 Jan 2023 18:09

Instrument :

BNA_G

ClientSampleId :

VNJ-207

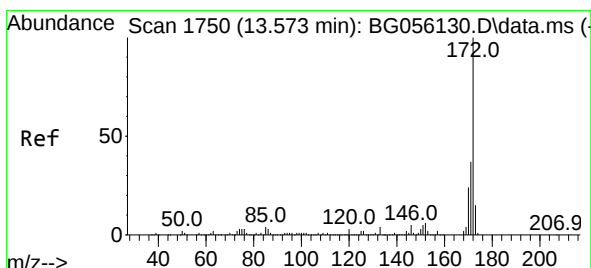
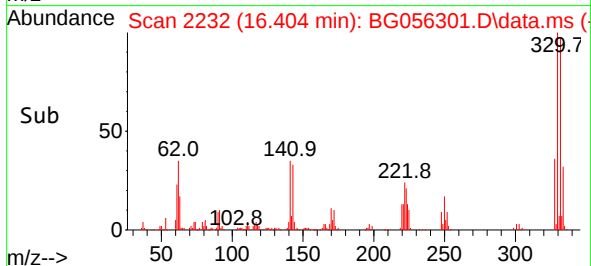
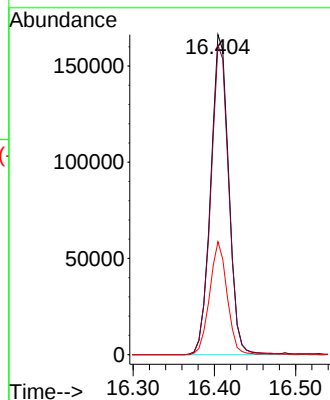
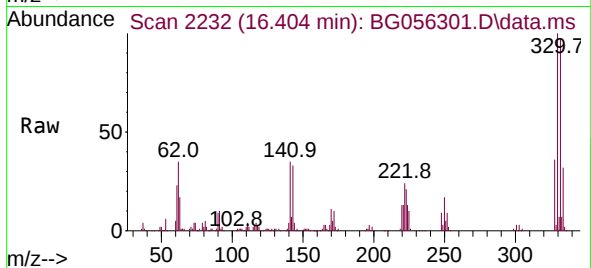
Tgt Ion:330 Resp: 255664

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 34.2 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 106.816 ng

RT: 13.555 min Scan# 1747

Delta R.T. -0.003 min

Lab File: BG056301.D

Acq: 16 Jan 2023 18:09

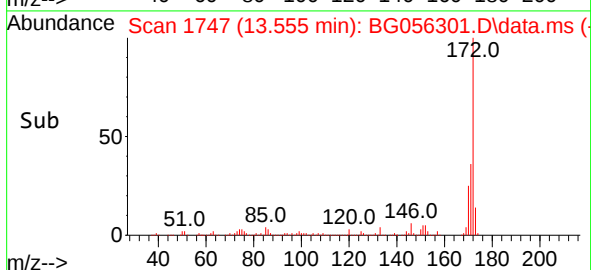
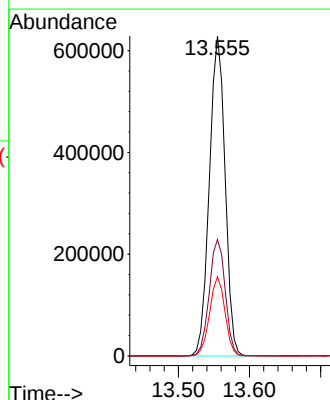
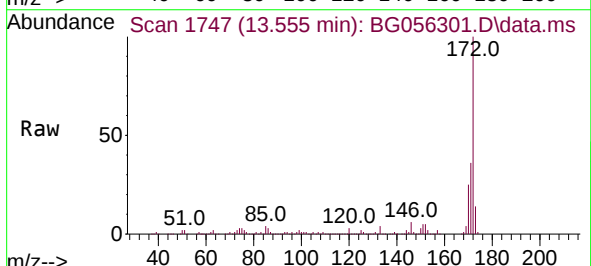
Tgt Ion:172 Resp: 962639

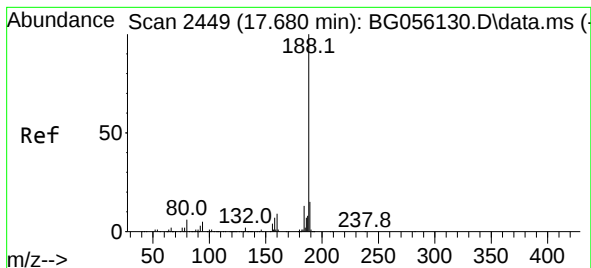
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 24.7 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.662 min Scan# 2449

Delta R.T. -0.003 min

Lab File: BG056301.D

Acq: 16 Jan 2023 18:09

Instrument :

BNA_G

ClientSampleId :

VNJ-207

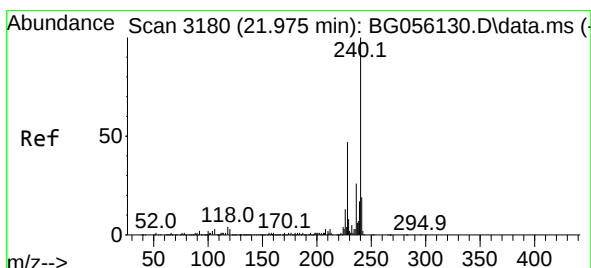
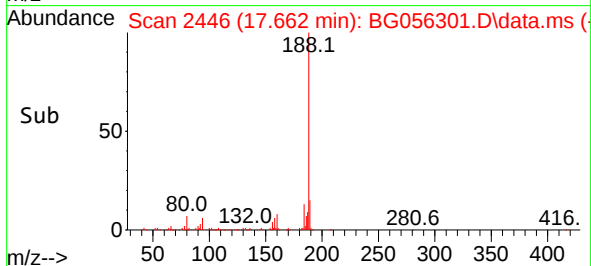
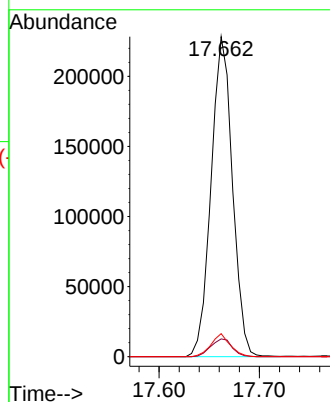
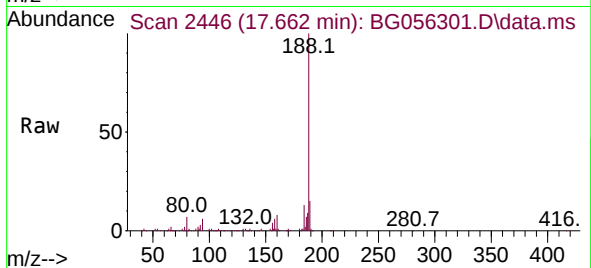
Tgt Ion:188 Resp: 338278

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.2

80 7.2 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.957 min Scan# 3177

Delta R.T. -0.003 min

Lab File: BG056301.D

Acq: 16 Jan 2023 18:09

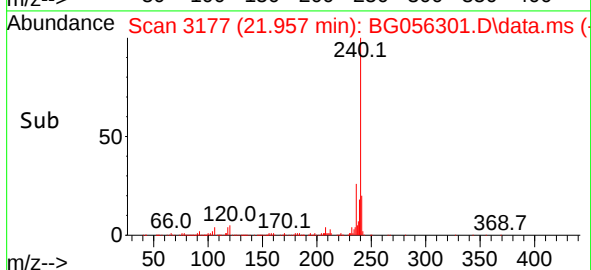
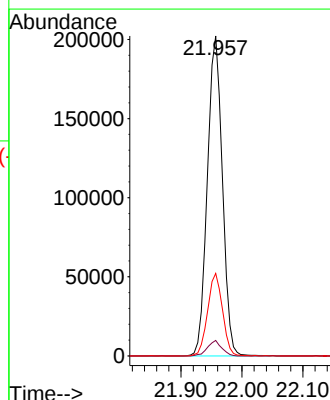
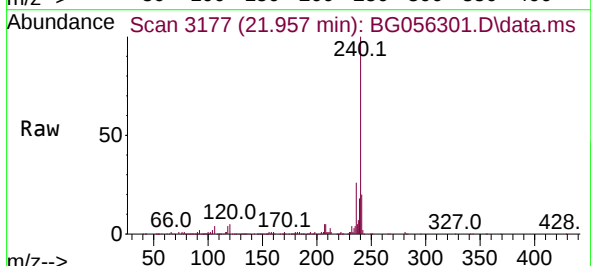
Tgt Ion:240 Resp: 345953

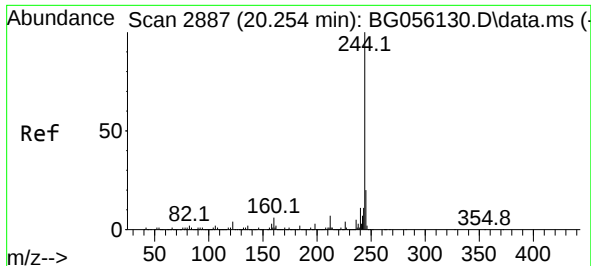
Ion Ratio Lower Upper

240 100

120 4.8 2.6 4.0#

236 25.8 20.8 31.2

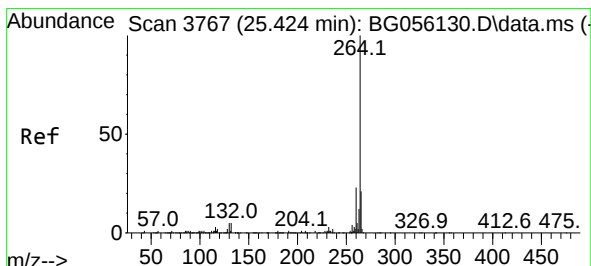
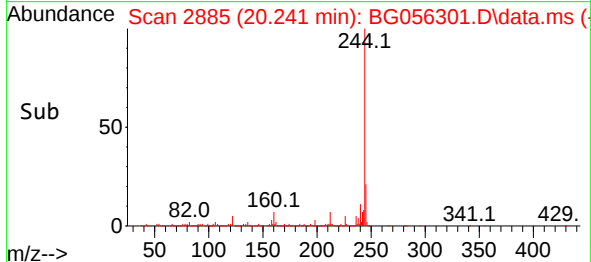
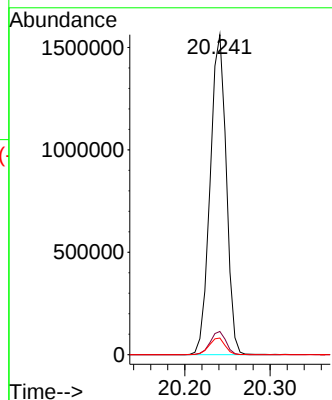
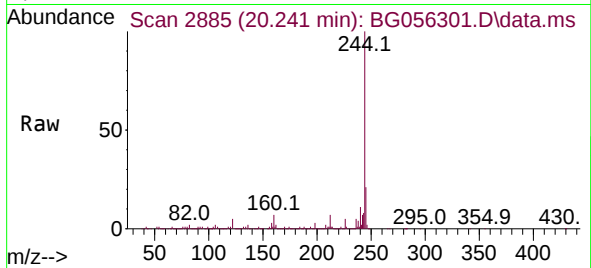




#79
 Terphenyl-d14
 Concen: 105.819 ng
 RT: 20.241 min Scan# 2885
 Delta R.T. 0.003 min
 Lab File: BG056301.D
 Acq: 16 Jan 2023 18:09

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207

Tgt Ion:244 Resp: 2043963
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.400 min Scan# 3763
 Delta R.T. -0.003 min
 Lab File: BG056301.D
 Acq: 16 Jan 2023 18:09

Tgt Ion:264 Resp: 369245
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 28.0
 265 21.5 16.7 25.1

