

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056443.D
 Acq On : 26 Jan 2023 15:05
 Operator : CG/JU
 Sample : 01289-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ209-STOCK

Quant Time: Jan 27 00:58:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	32630	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	127330	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	97921	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	244561	20.000	ng	0.00
76) Chrysene-d12	21.937	240	257239	20.000	ng	# 0.00
86) Perylene-d12	25.368	264	283017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	214416	117.327	ng	0.00
7) Phenol-d6	7.436	99	300926	107.224	ng	0.00
23) Nitrobenzene-d5	9.469	82	155945	62.647	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	142786	115.136	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	490154	69.122	ng	0.00
79) Terphenyl-d14	20.221	244	950130	66.154	ng	0.00

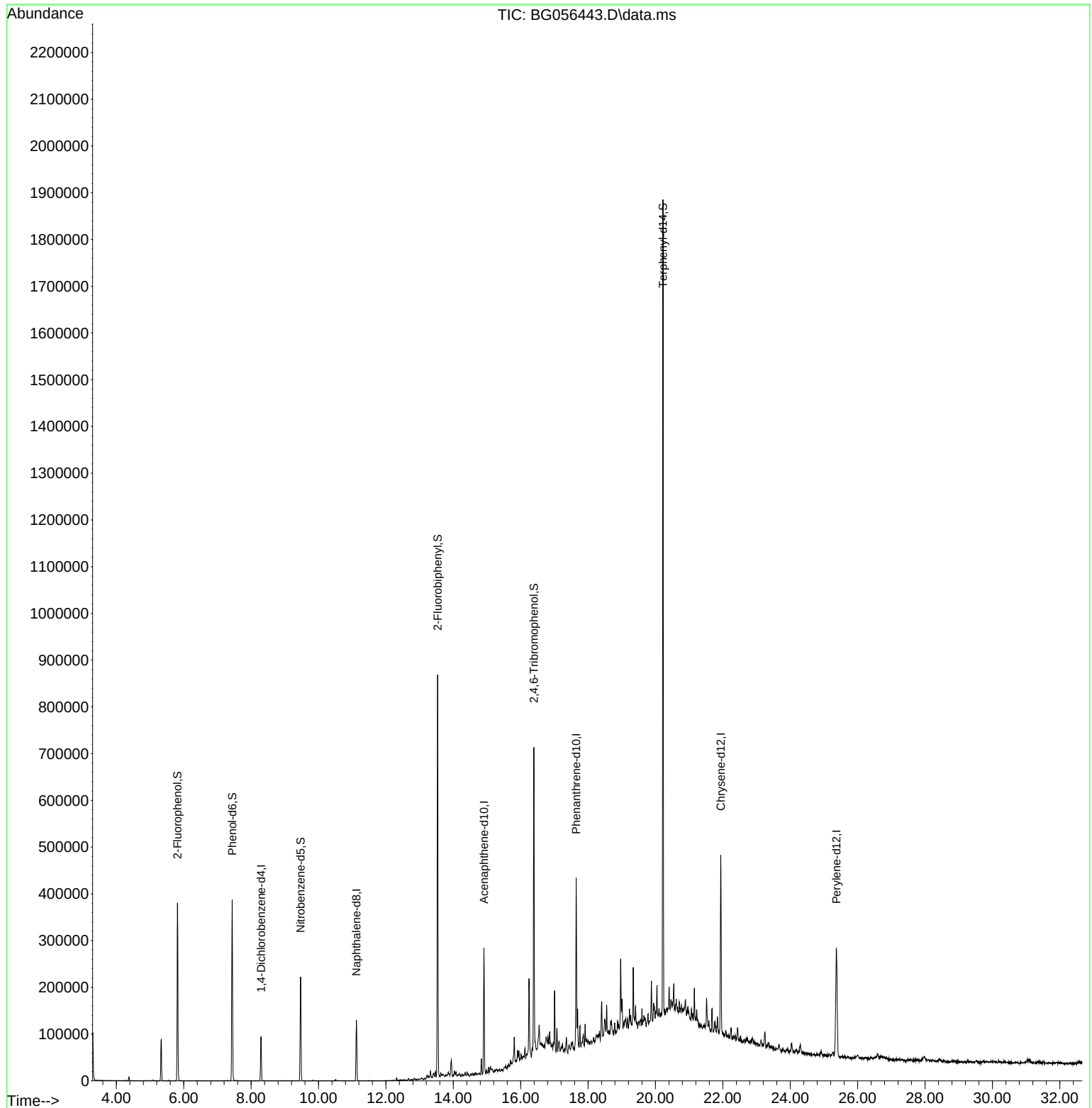
Target Compounds Qvalue

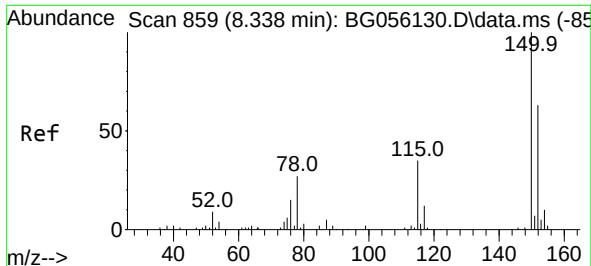
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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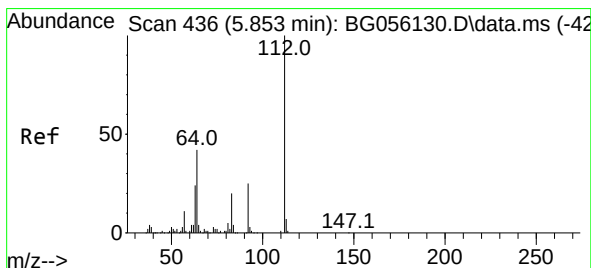
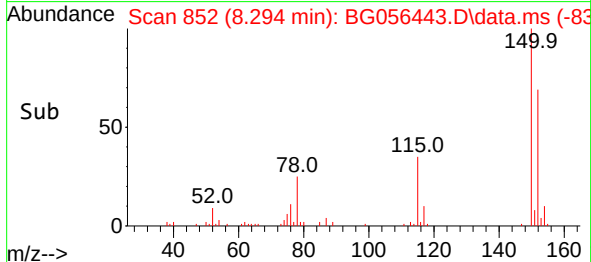
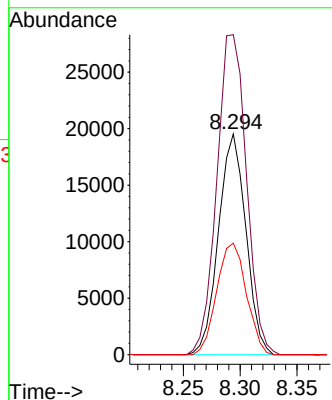
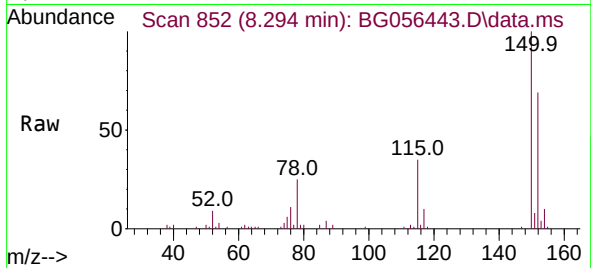




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

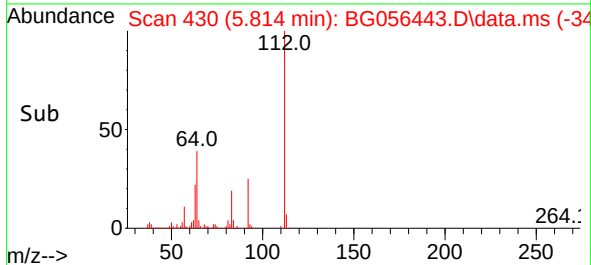
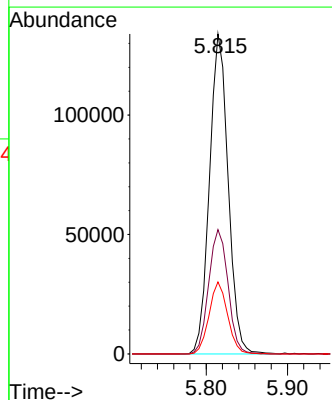
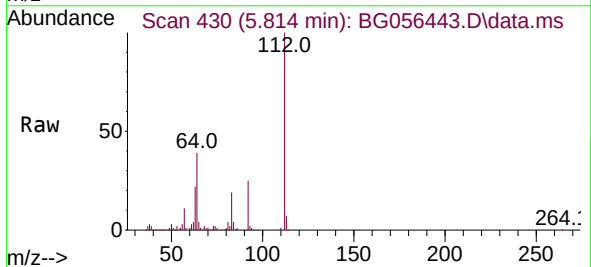
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCK

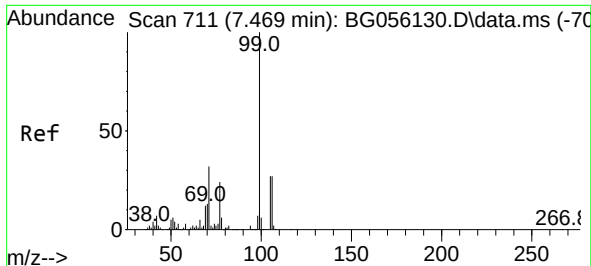
Tgt Ion:152 Resp: 32630
Ion Ratio Lower Upper
152 100
150 144.9 127.9 191.9
115 50.5 44.2 66.2



#5
2-Fluorophenol
Concen: 117.327 ng
RT: 5.814 min Scan# 430
Delta R.T. 0.001 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Tgt Ion:112 Resp: 214416
Ion Ratio Lower Upper
112 100
64 38.8 33.3 49.9
63 22.5 19.0 28.4

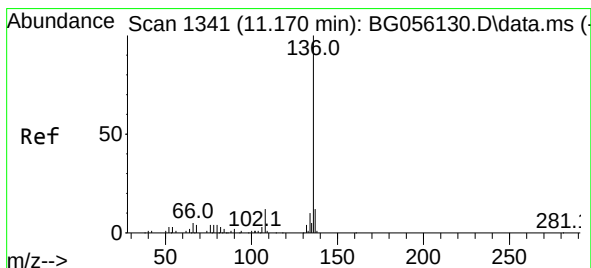
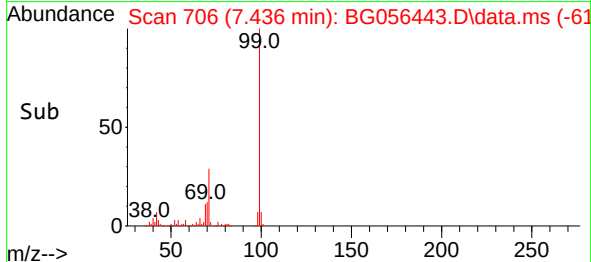
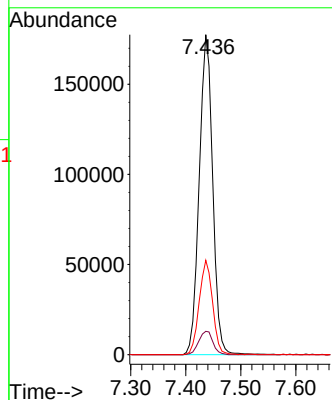
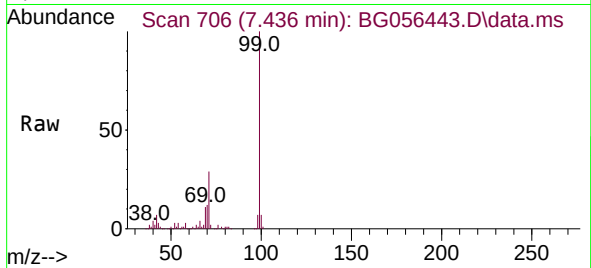




#7
Phenol-d6
Concen: 107.224 ng
RT: 7.436 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

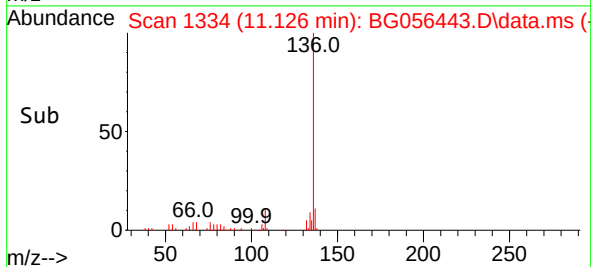
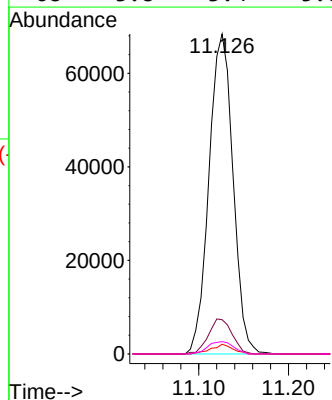
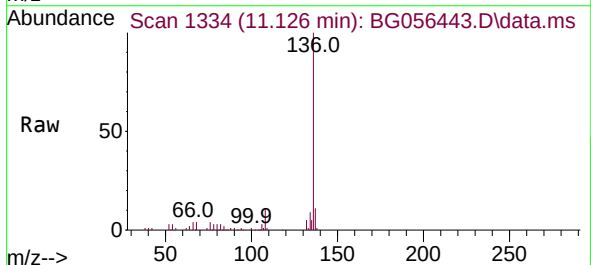
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCK

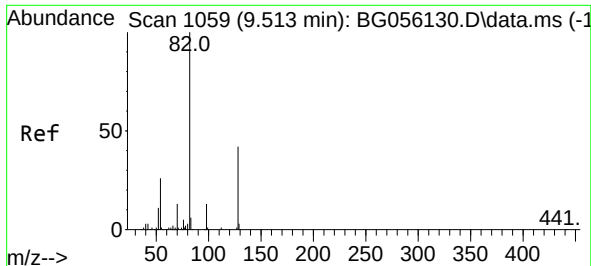
Tgt Ion: 99 Resp: 300926
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.5 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Tgt Ion: 136 Resp: 127330
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 3.0 2.2 3.2
68 3.8 3.4 5.0





#23

Nitrobenzene-d5

Concen: 62.647 ng

RT: 9.469 min Scan# 1052

Delta R.T. -0.005 min

Lab File: BG056443.D

Acq: 26 Jan 2023 15:05

Instrument :

BNA_G

ClientSampleId :

VNJ209-STOCK

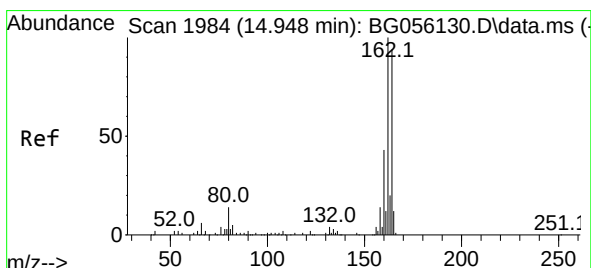
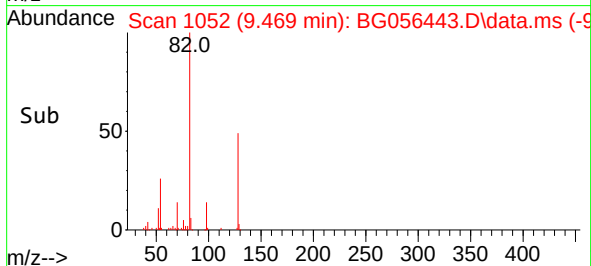
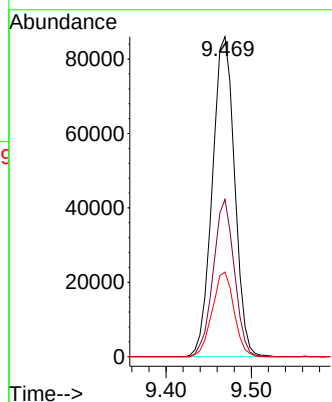
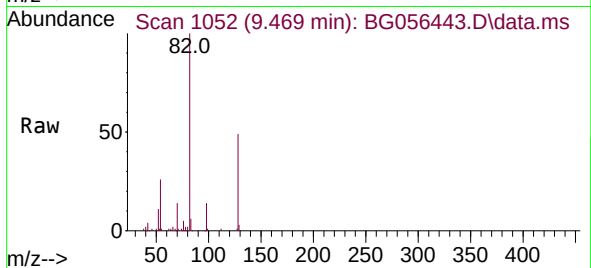
Tgt Ion: 82 Resp: 155945

Ion Ratio Lower Upper

82 100

128 49.1 33.4 50.2

54 26.4 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.910 min Scan# 1978

Delta R.T. -0.005 min

Lab File: BG056443.D

Acq: 26 Jan 2023 15:05

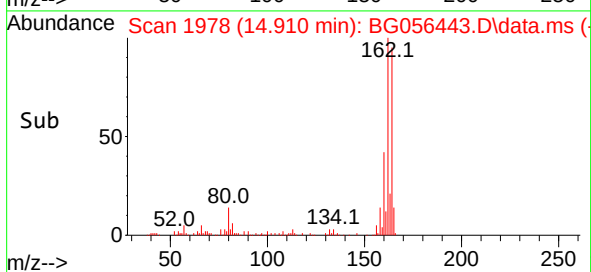
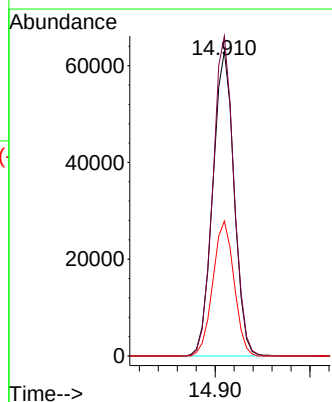
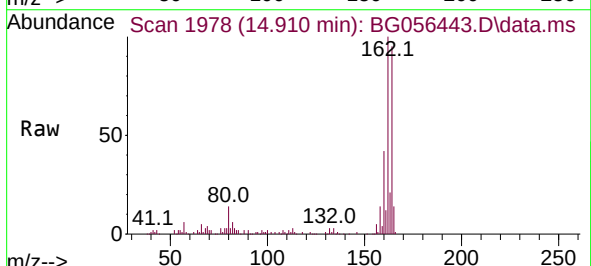
Tgt Ion: 164 Resp: 97921

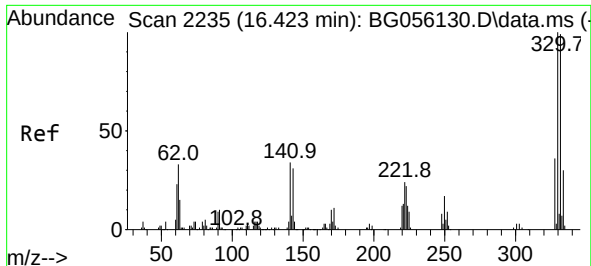
Ion Ratio Lower Upper

164 100

162 105.0 84.7 127.1

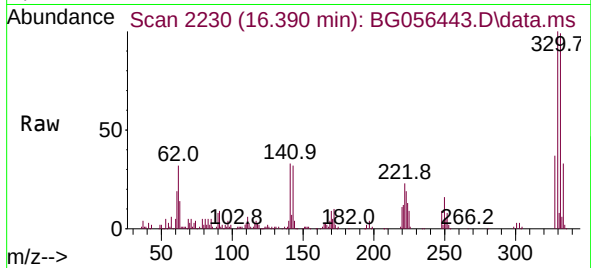
160 44.2 36.3 54.5



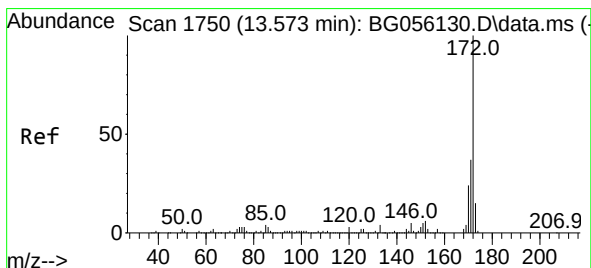
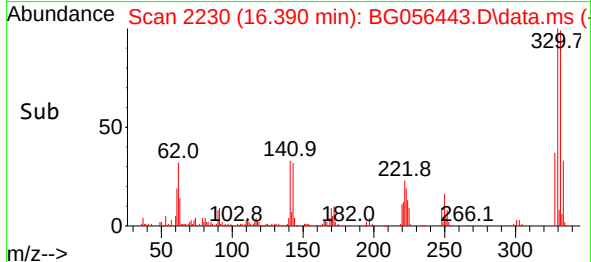
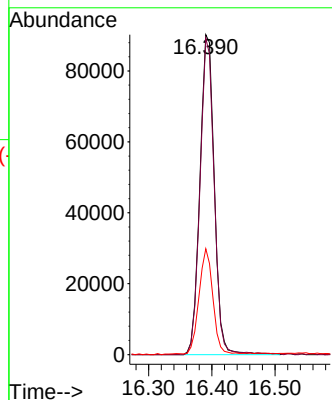


#42
 2,4,6-Tribromophenol
 Concen: 115.136 ng
 RT: 16.390 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056443.D
 Acq: 26 Jan 2023 15:05

Instrument :
 BNA_G
 ClientSampleId :
 VNJ209-STOCK

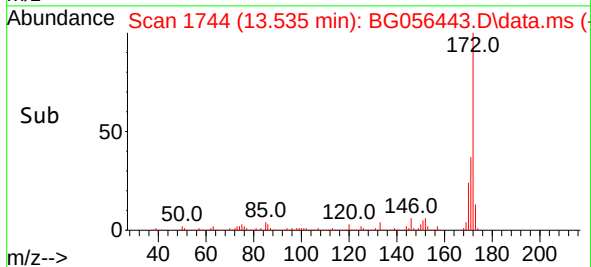
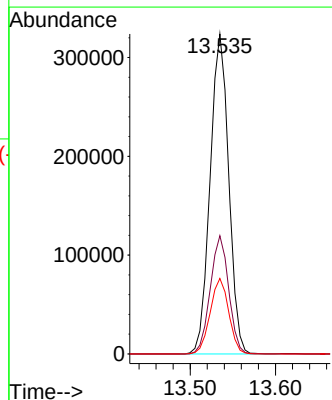
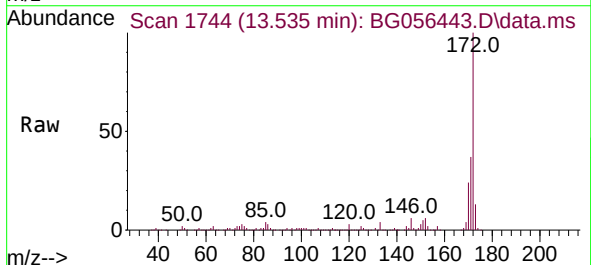


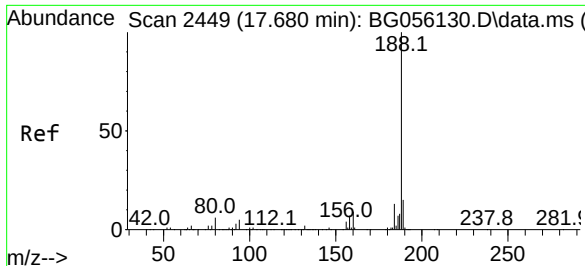
Tgt Ion:330 Resp: 142786
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 32.5 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 69.122 ng
 RT: 13.535 min Scan# 1744
 Delta R.T. -0.005 min
 Lab File: BG056443.D
 Acq: 26 Jan 2023 15:05

Tgt Ion:172 Resp: 490154
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 23.6 19.4 29.2

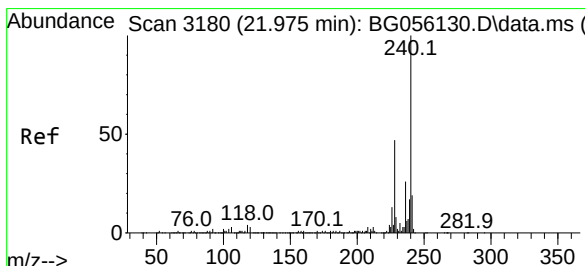
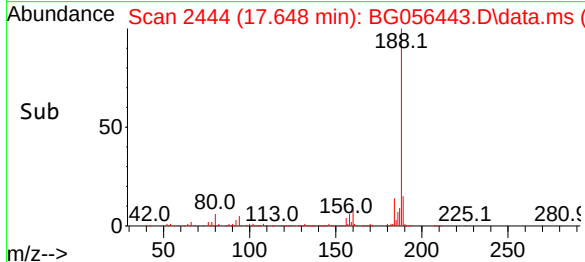
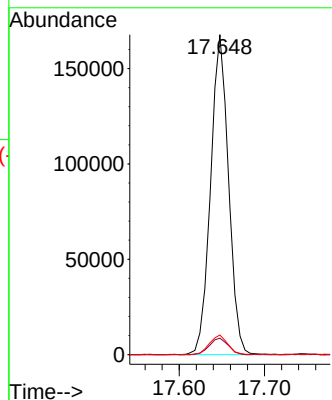
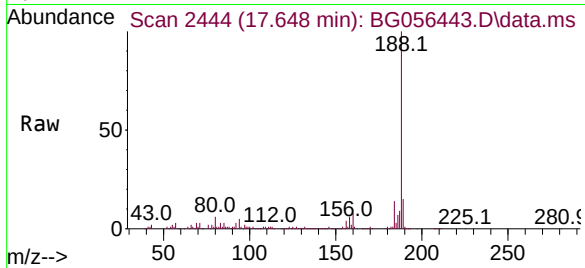




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

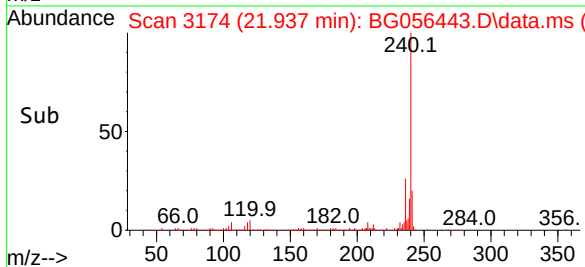
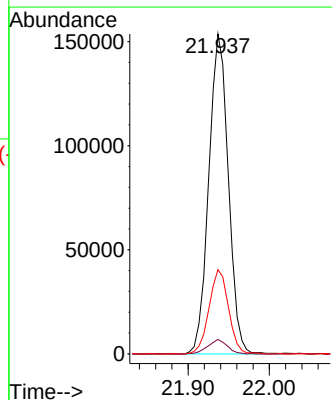
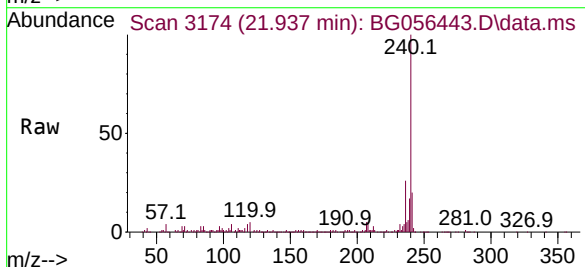
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VNJ209-STOCK

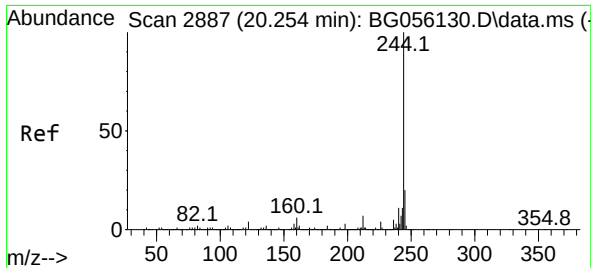
Tgt Ion:188 Resp: 244561
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 6.1 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Tgt Ion:240 Resp: 257239
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 26.3 20.8 31.2

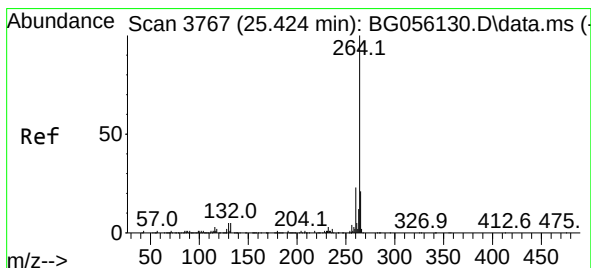
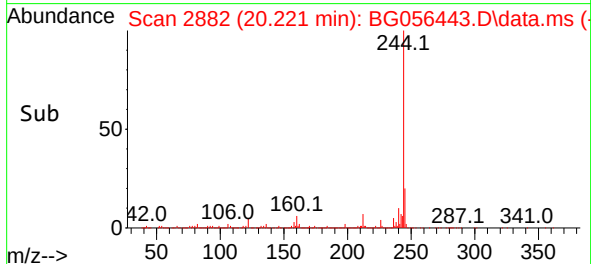
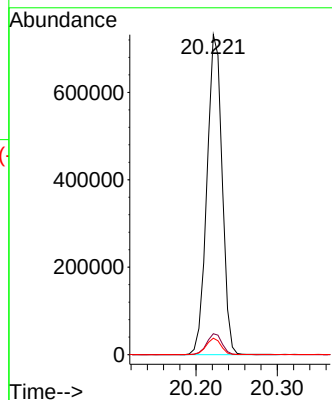
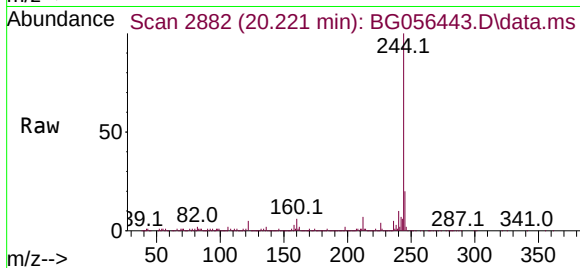




#79
 Terphenyl-d14
 Concen: 66.154 ng
 RT: 20.221 min Scan# 2882
 Delta R.T. -0.005 min
 Lab File: BG056443.D
 Acq: 26 Jan 2023 15:05

Instrument :
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Tgt Ion:244 Resp: 950130
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 5.1 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.368 min Scan# 3758
 Delta R.T. -0.005 min
 Lab File: BG056443.D
 Acq: 26 Jan 2023 15:05

Tgt Ion:264 Resp: 283017
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.6 28.0
 265 20.6 16.7 25.1

