

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056413.D
 Acq On : 24 Jan 2023 21:54
 Operator : CG/JU
 Sample : 01190-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1

Quant Time: Jan 25 05:35:37 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	8.291	152	40363	20.000	ng	0.00
21) Naphthalene-d8	11.123	136	157243	20.000	ng	0.00
39) Acenaphthene-d10	14.907	164	121590	20.000	ng	0.00
64) Phenanthrene-d10	17.645	188	281009	20.000	ng	0.00
76) Chrysene-d12	21.934	240	271665	20.000	ng	# 0.00
86) Perylene-d12	25.353	264	300204	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	245351	108.533	ng	0.00
7) Phenol-d6	7.433	99	342776	98.736	ng	0.00
23) Nitrobenzene-d5	9.466	82	178443	58.048	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	164363	106.735	ng	0.00
45) 2-Fluorobiphenyl	13.532	172	566095	64.291	ng	0.00
79) Terphenyl-d14	20.218	244	964154	63.565	ng	0.00

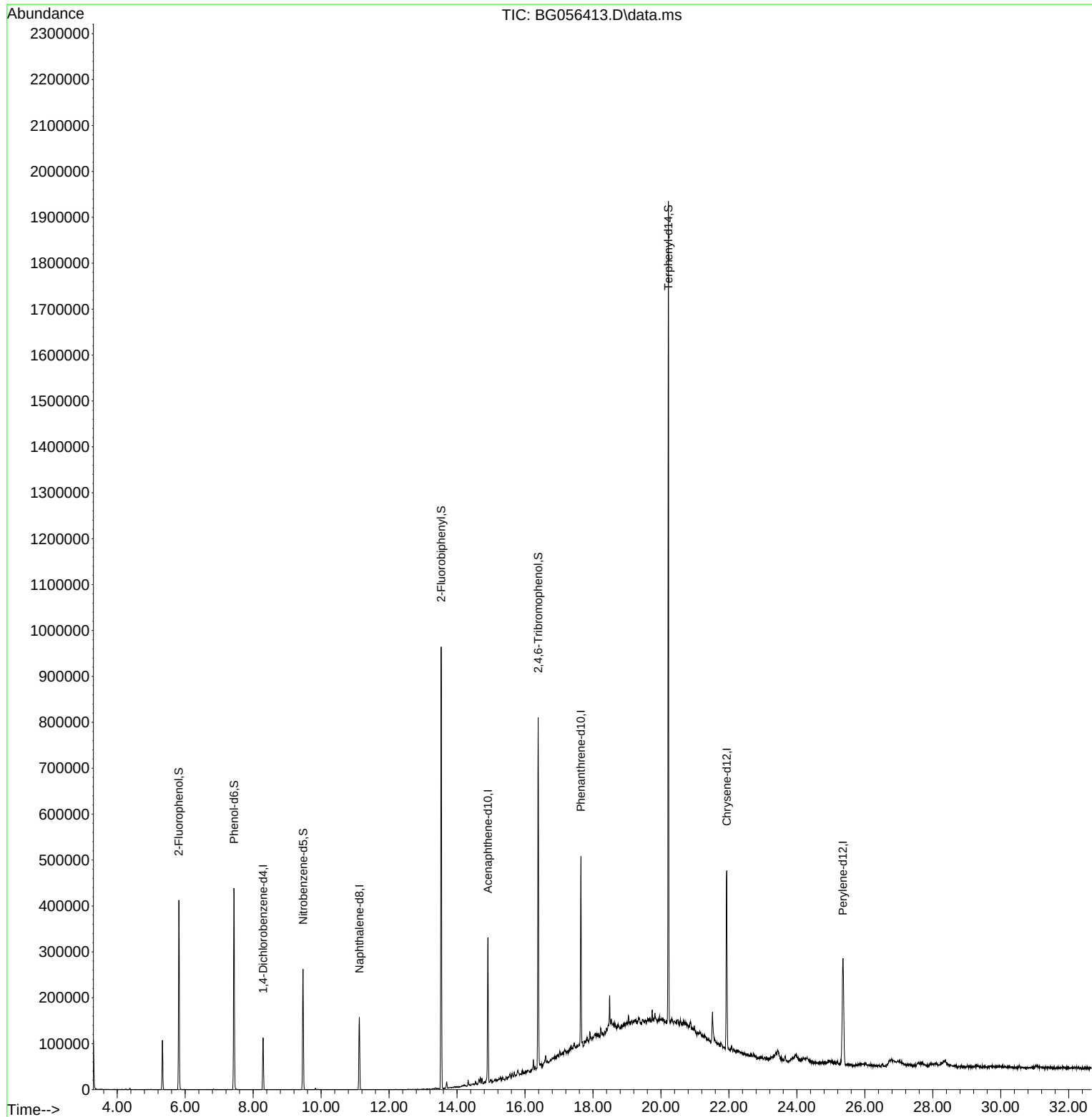
Target Compounds Qvalue

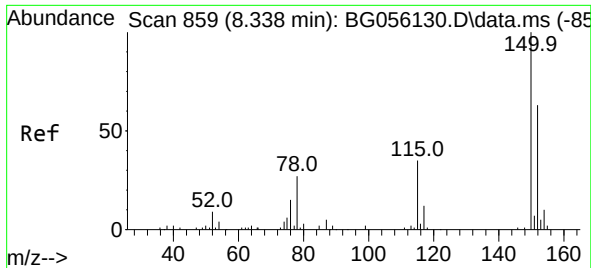
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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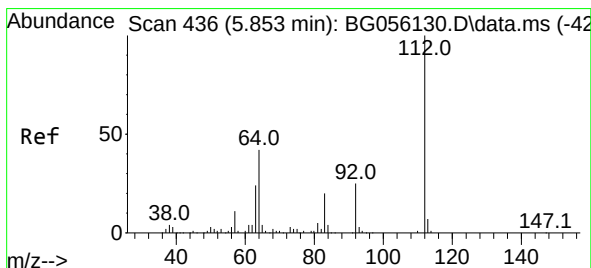
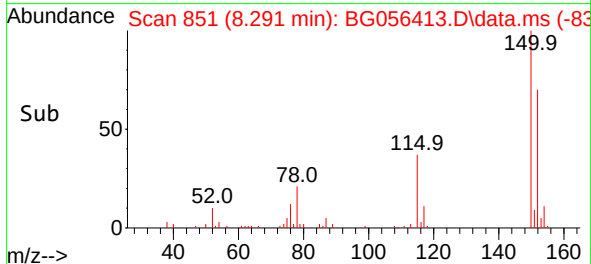
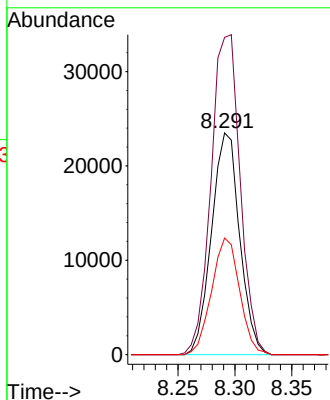
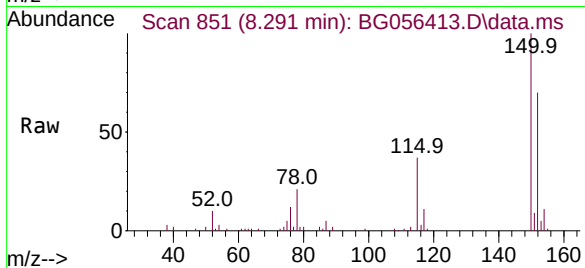




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.291 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

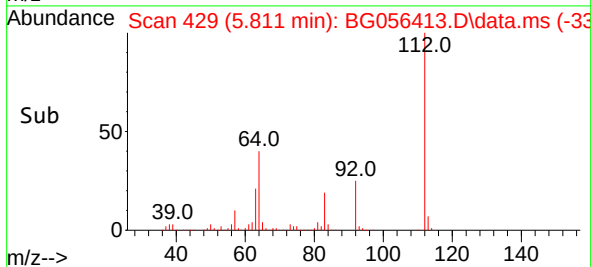
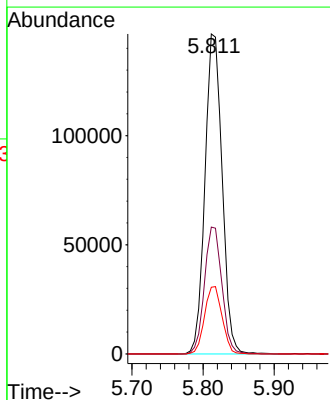
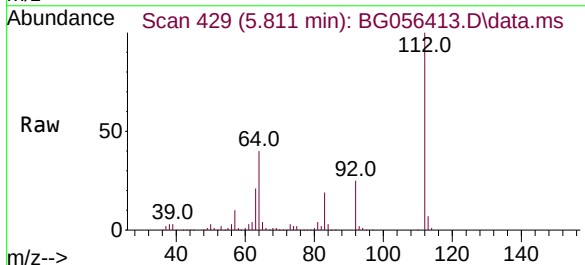
Instrument :
BNA_G
ClientSampleId :
PE-1

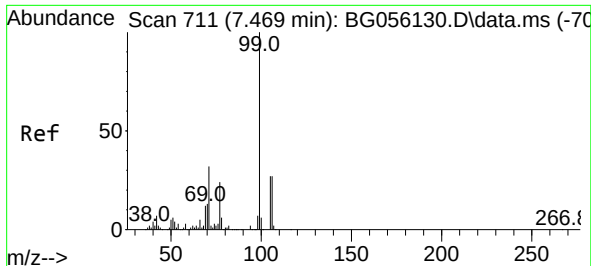
Tgt Ion:152 Resp: 40363
Ion Ratio Lower Upper
152 100
150 143.1 127.9 191.9
115 52.6 44.2 66.2



#5
2-Fluorophenol
Concen: 108.533 ng
RT: 5.811 min Scan# 429
Delta R.T. -0.002 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

Tgt Ion:112 Resp: 245351
Ion Ratio Lower Upper
112 100
64 39.6 33.3 49.9
63 20.8 19.0 28.4

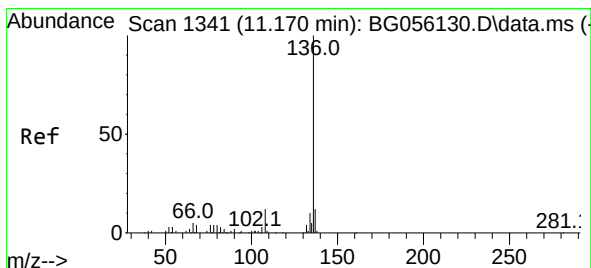
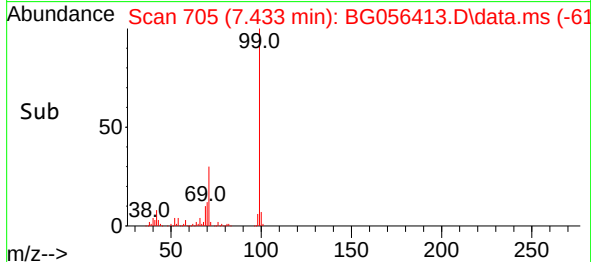
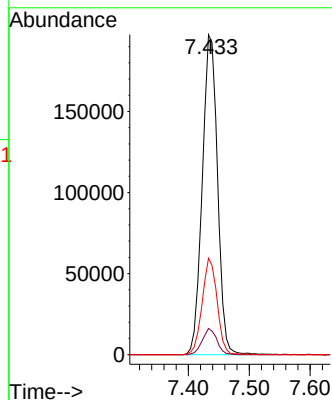
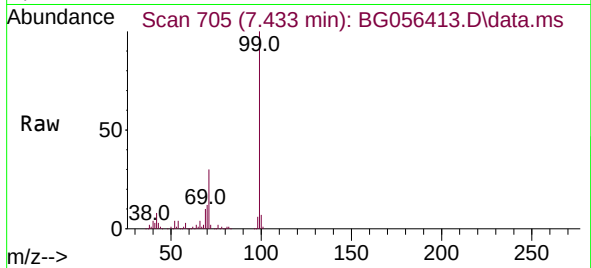




#7
Phenol-d6
Concen: 98.736 ng
RT: 7.433 min Scan# 70
Delta R.T. -0.002 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

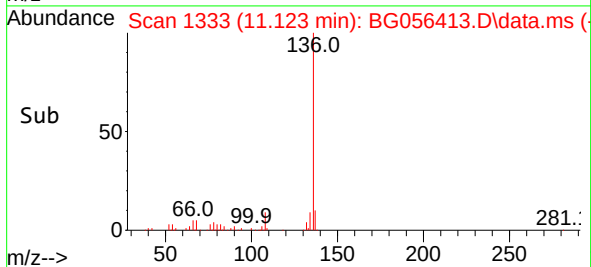
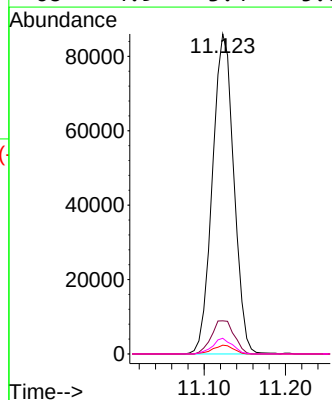
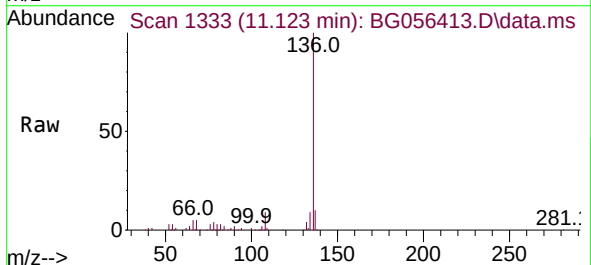
Instrument :
BNA_G
ClientSampleId :
PE-1

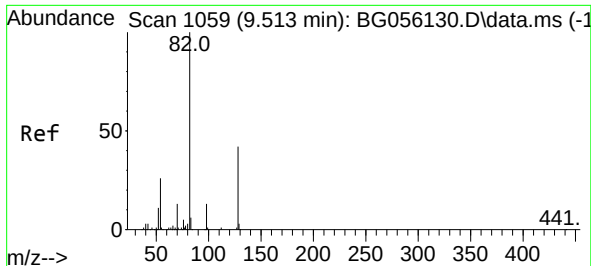
Tgt Ion: 99 Resp: 342776
Ion Ratio Lower Upper
99 100
42 8.2 5.9 8.9
71 30.1 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.123 min Scan# 1333
Delta R.T. -0.008 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

Tgt Ion: 136 Resp: 157243
Ion Ratio Lower Upper
136 100
137 10.3 9.4 14.0
54 2.7 2.2 3.2
68 4.9 3.4 5.0





#23

Nitrobenzene-d5

Concen: 58.048 ng

RT: 9.466 min Scan# 1051

Delta R.T. -0.008 min

Lab File: BG056413.D

Acq: 24 Jan 2023 21:54

Instrument :

BNA_G

ClientSampleId :

PE-1

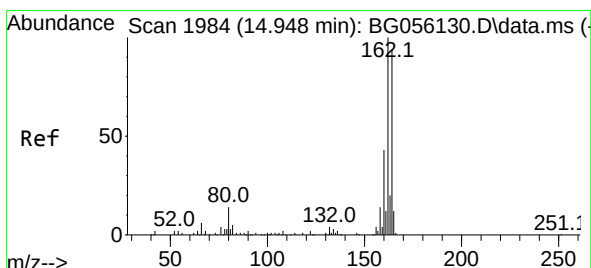
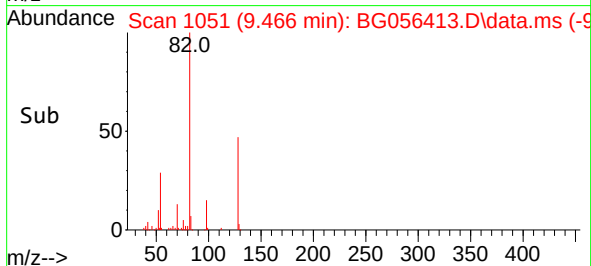
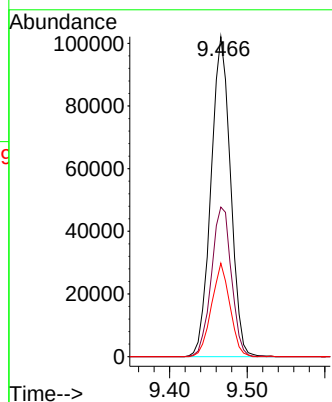
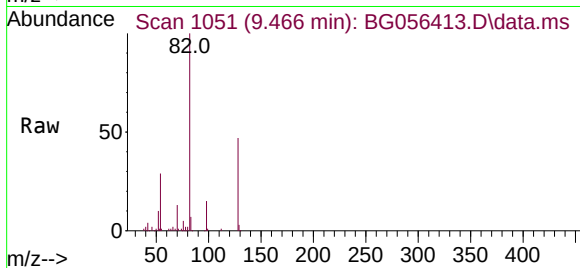
Tgt Ion: 82 Resp: 178443

Ion Ratio Lower Upper

82 100

128 46.7 33.4 50.2

54 29.2 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.907 min Scan# 1977

Delta R.T. -0.008 min

Lab File: BG056413.D

Acq: 24 Jan 2023 21:54

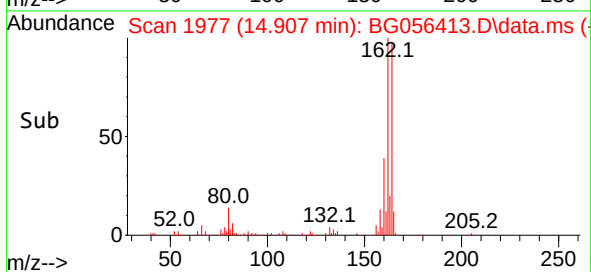
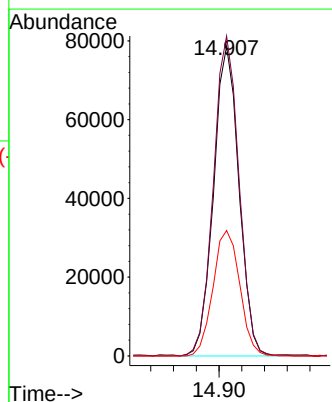
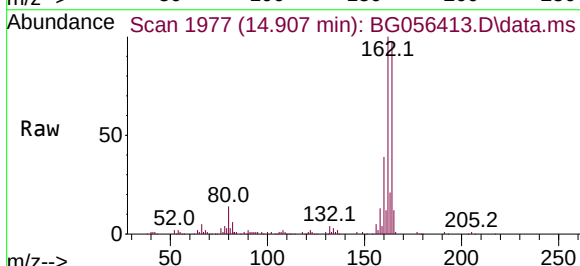
Tgt Ion: 164 Resp: 121590

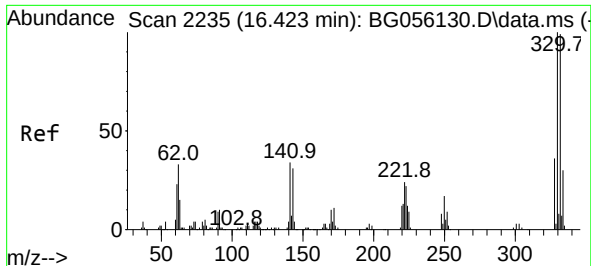
Ion Ratio Lower Upper

164 100

162 103.3 84.7 127.1

160 40.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 106.735 ng

RT: 16.387 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG056413.D

Acq: 24 Jan 2023 21:54

Instrument :

BNA_G

ClientSampleId :

PE-1

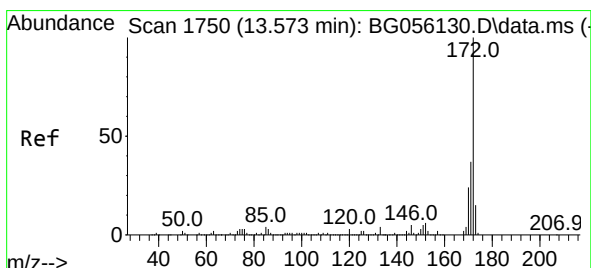
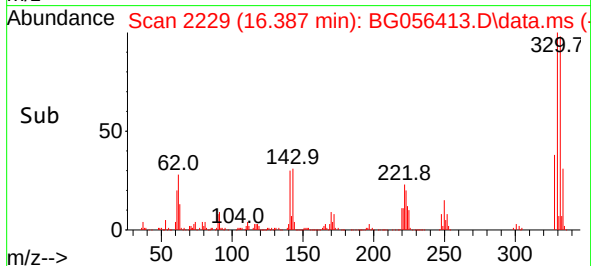
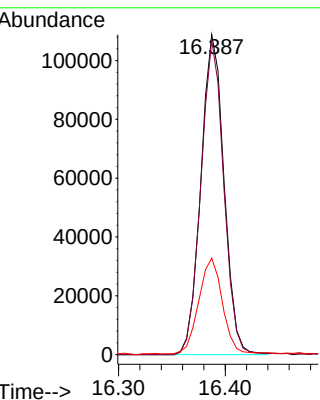
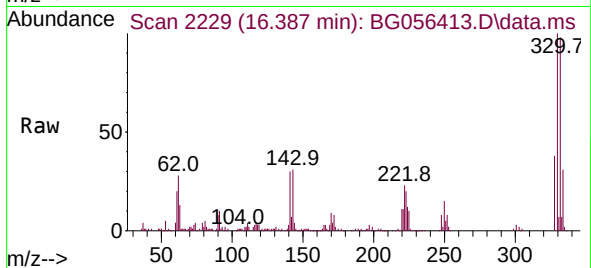
Tgt Ion:330 Resp: 164363

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 30.5 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 64.291 ng

RT: 13.532 min Scan# 1743

Delta R.T. -0.008 min

Lab File: BG056413.D

Acq: 24 Jan 2023 21:54

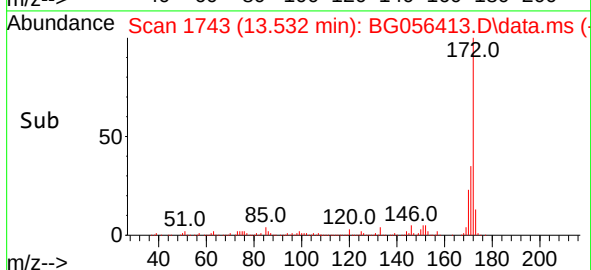
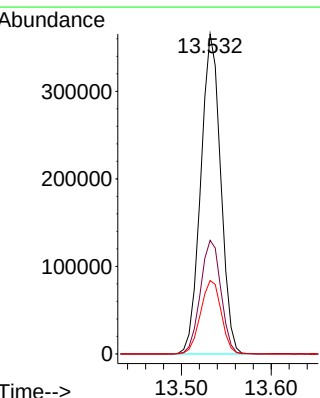
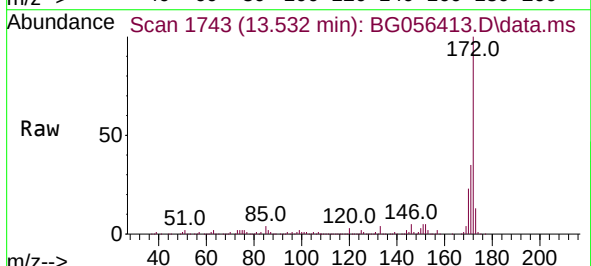
Tgt Ion:172 Resp: 566095

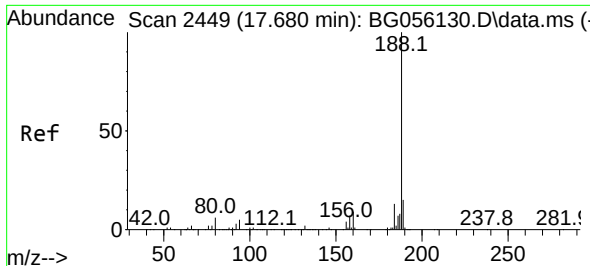
Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

170 22.9 19.4 29.2

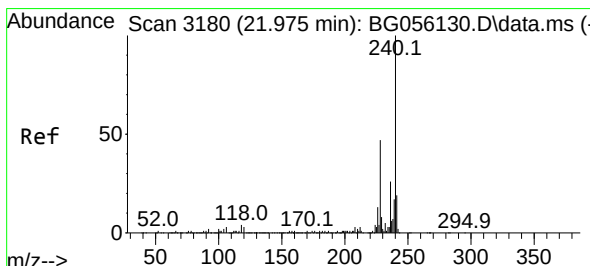
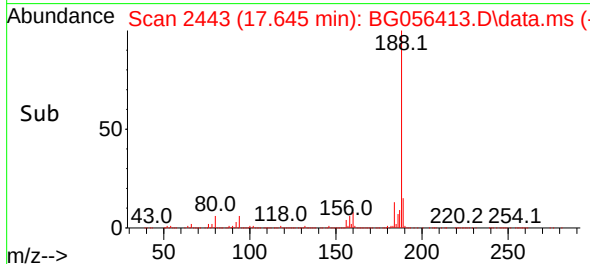
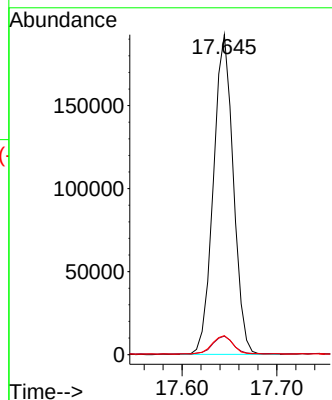
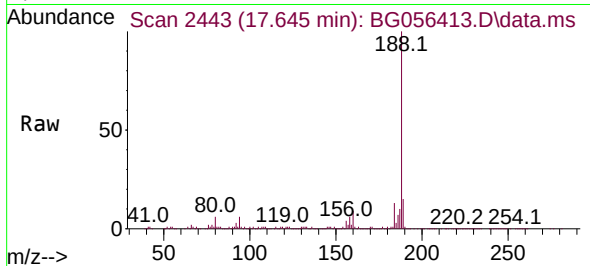




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.645 min Scan# 2443
Delta R.T. -0.008 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

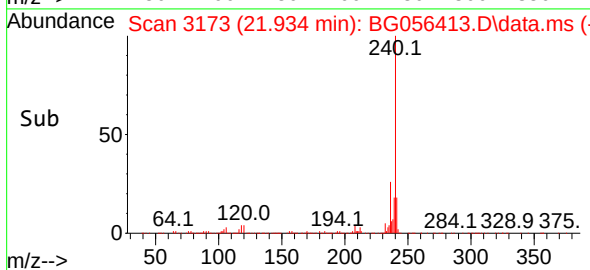
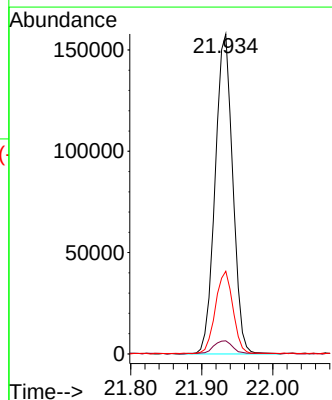
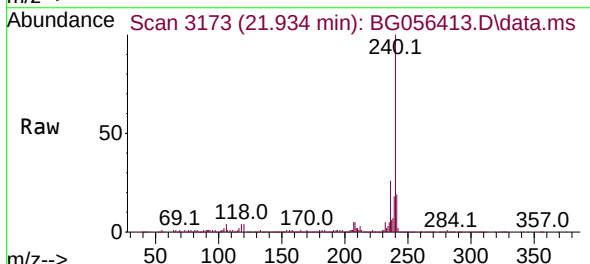
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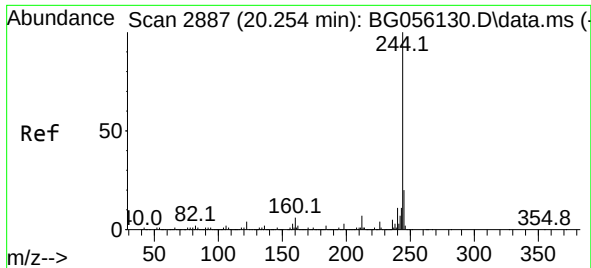
Tgt Ion:188 Resp: 281009
Ion Ratio Lower Upper
188 100
94 5.8 4.2 6.2
80 5.9 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3173
Delta R.T. -0.008 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

Tgt Ion:240 Resp: 271665
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.8 20.8 31.2

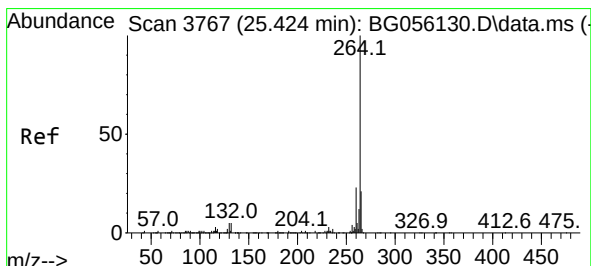
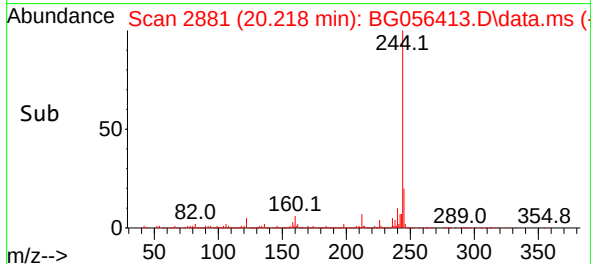
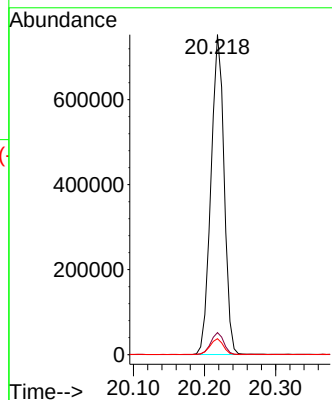
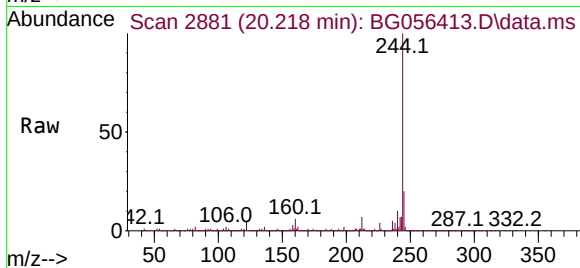




#79
 Terphenyl-d14
 Concen: 63.565 ng
 RT: 20.218 min Scan# 2881
 Delta R.T. -0.008 min
 Lab File: BG056413.D
 Acq: 24 Jan 2023 21:54

Instrument :
 BNA_G
 ClientSampleId :
 PE-1

Tgt Ion:244 Resp: 964154
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 5.0 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.353 min Scan# 3755
 Delta R.T. -0.020 min
 Lab File: BG056413.D
 Acq: 24 Jan 2023 21:54

Tgt Ion:264 Resp: 300204
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 28.0
 265 23.0 16.7 25.1

