

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
 Data File : BG056146.D
 Acq On : 28 Dec 2022 19:11
 Operator : CG/JU
 Sample : N6220-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-CR

Quant Time: Dec 29 03:39:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	40246	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	141325	20.000	ng	# 0.00
39) Acenaphthene-d10	14.945	164	114862	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	316506	20.000	ng	0.00
76) Chrysene-d12	21.972	240	365350	20.000	ng	0.00
86) Perylene-d12	25.427	264	394845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	341982	151.719	ng	0.00
7) Phenol-d6	7.471	99	441400	127.514	ng	0.00
23) Nitrobenzene-d5	9.510	82	266514	96.463	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	226605	155.773	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	814954	97.976	ng	0.00
79) Terphenyl-d14	20.251	244	1927262	94.480	ng	0.00

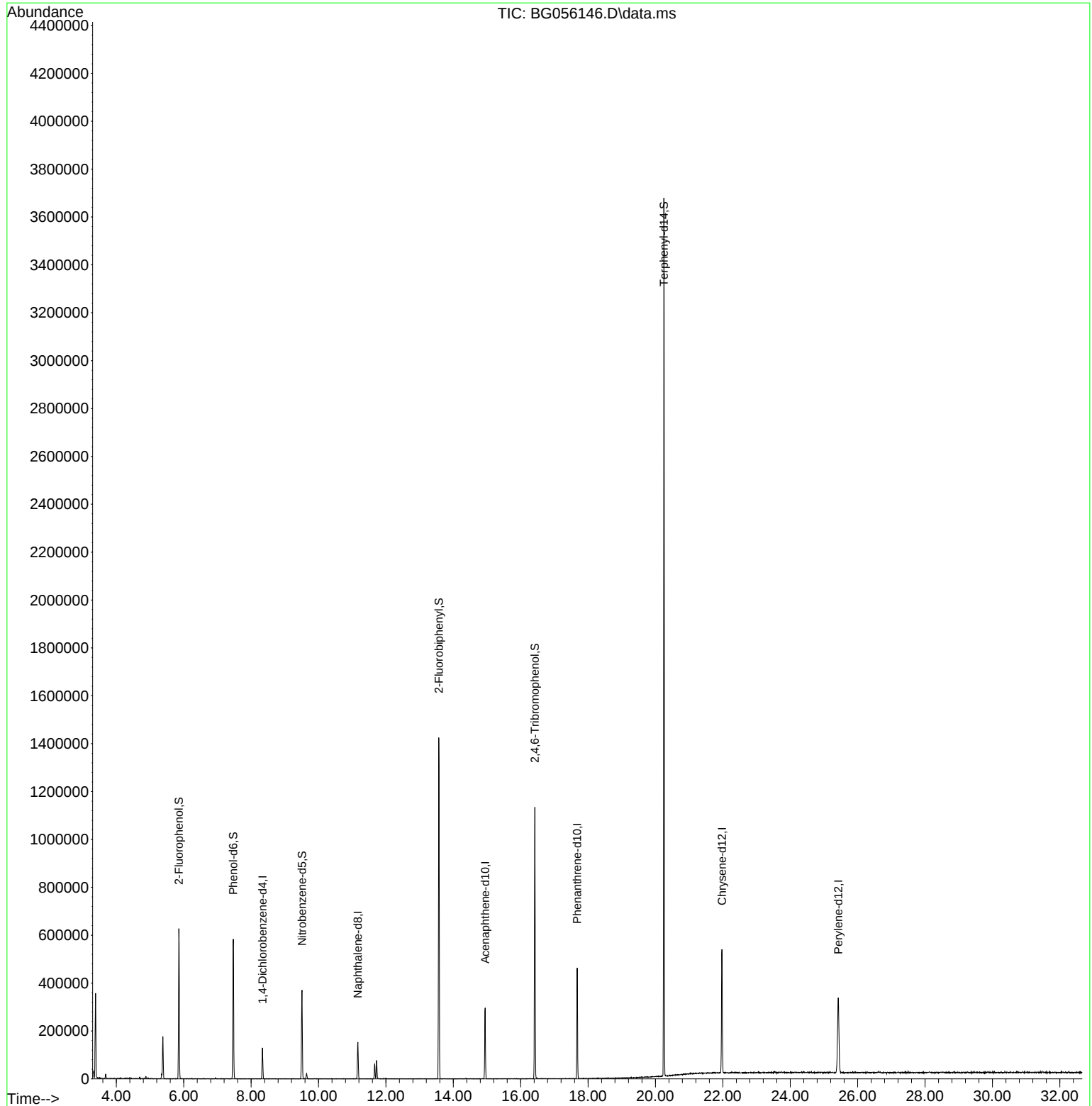
Target Compounds	Qvalue

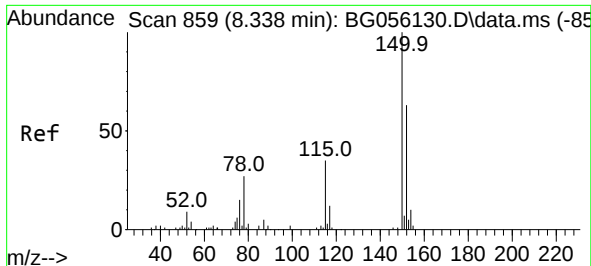
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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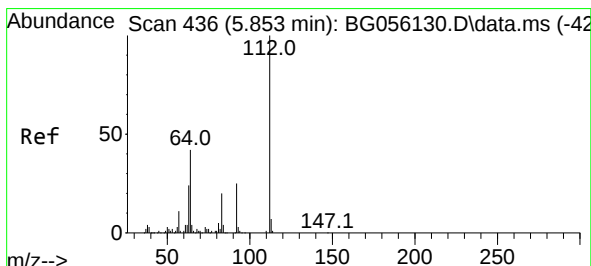
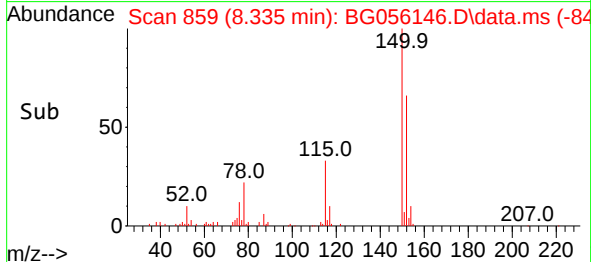
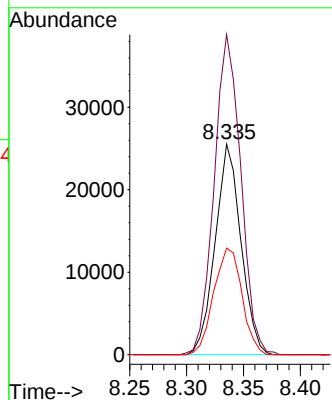
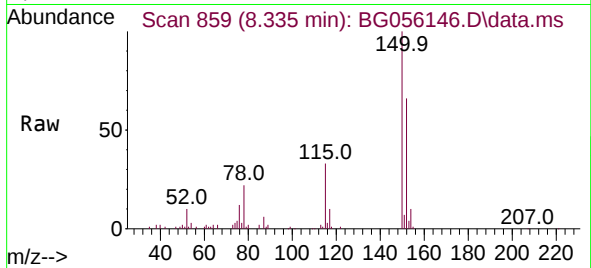




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.335 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG056146.D
 Acq: 28 Dec 2022 19:11

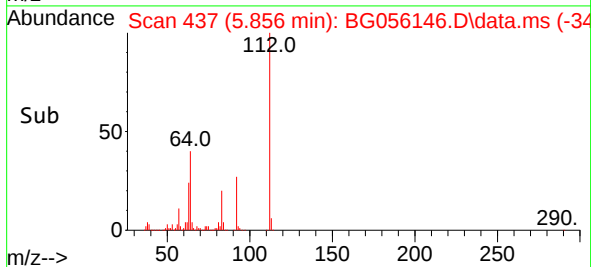
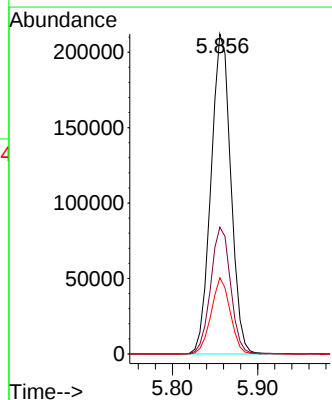
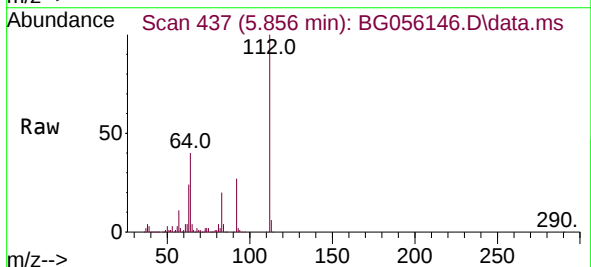
Instrument :
 BNA_G
 ClientSampleId :
 TP-CR

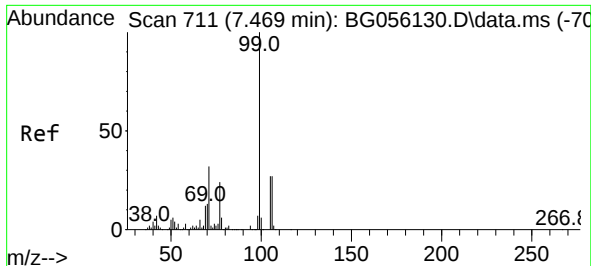
Tgt Ion:152 Resp: 40246
 Ion Ratio Lower Upper
 152 100
 150 152.0 127.9 191.9
 115 50.6 44.2 66.2



#5
 2-Fluorophenol
 Concen: 151.719 ng
 RT: 5.856 min Scan# 437
 Delta R.T. 0.003 min
 Lab File: BG056146.D
 Acq: 28 Dec 2022 19:11

Tgt Ion:112 Resp: 341982
 Ion Ratio Lower Upper
 112 100
 64 39.6 33.3 49.9
 63 23.8 19.0 28.4

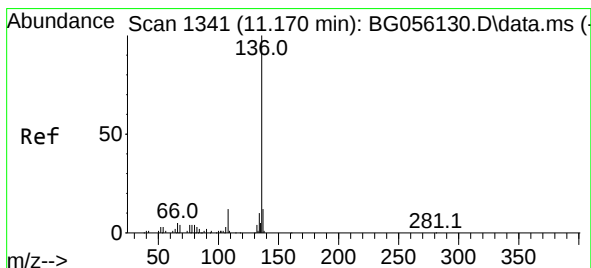
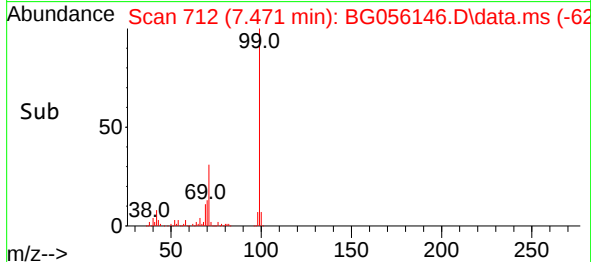
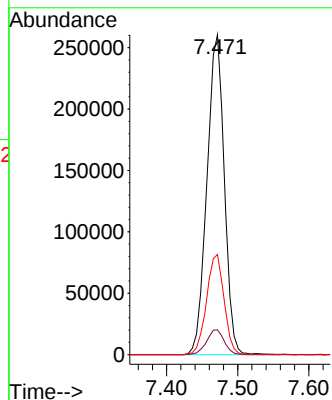
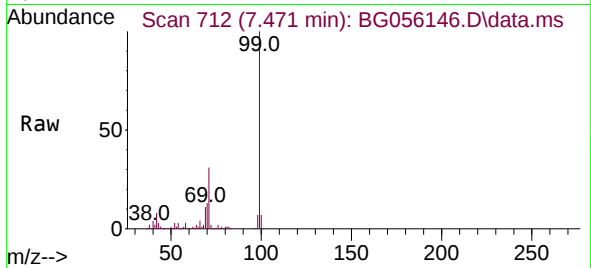




#7
Phenol-d6
Concen: 127.514 ng
RT: 7.471 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

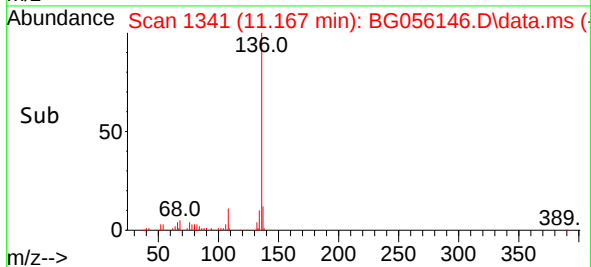
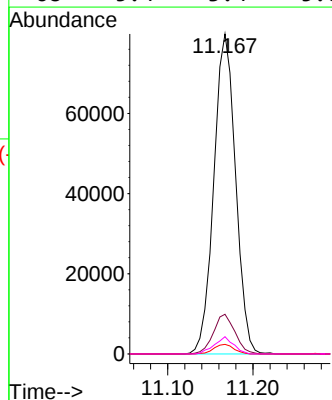
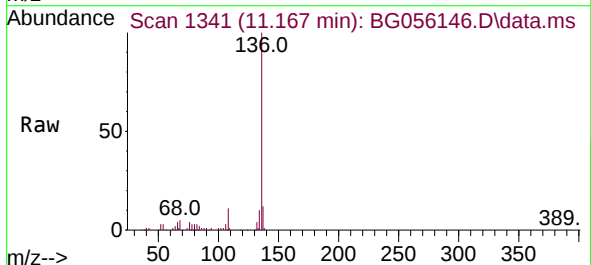
Instrument :
BNA_G
ClientSampleId :
TP-CR

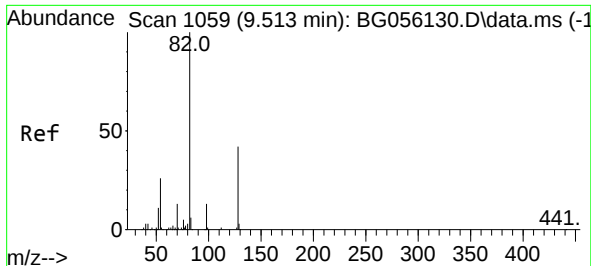
Tgt Ion: 99 Resp: 441400
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 31.3 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

Tgt Ion: 136 Resp: 141325
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.0
54 3.0 2.2 3.2
68 5.4 3.4 5.0#





#23

Nitrobenzene-d5

Concen: 96.463 ng

RT: 9.510 min Scan# 1059

Delta R.T. -0.003 min

Lab File: BG056146.D

Acq: 28 Dec 2022 19:11

Instrument :

BNA_G

ClientSampleId :

TP-CR

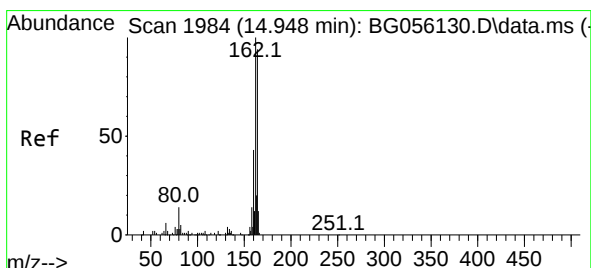
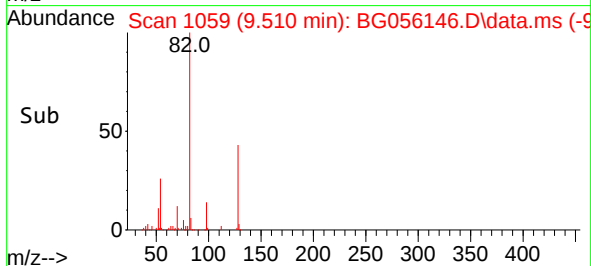
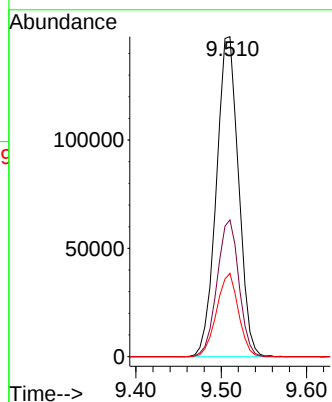
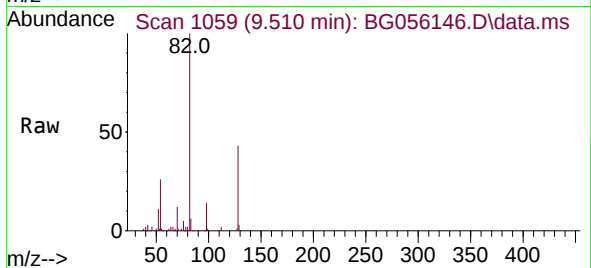
Tgt Ion: 82 Resp: 266514

Ion Ratio Lower Upper

82 100

128 42.7 33.4 50.2

54 26.0 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.945 min Scan# 1984

Delta R.T. -0.003 min

Lab File: BG056146.D

Acq: 28 Dec 2022 19:11

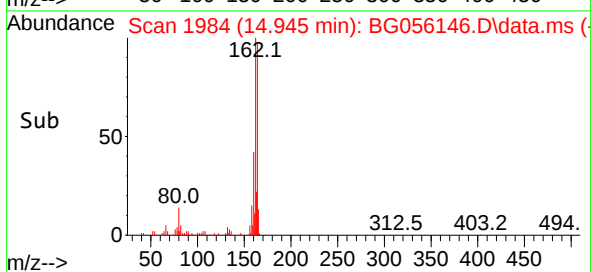
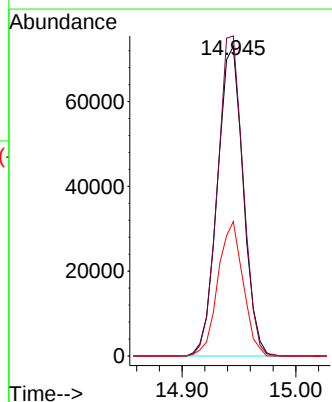
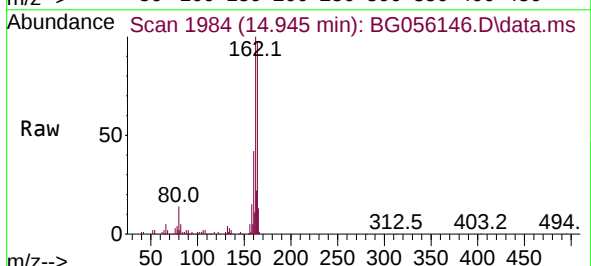
Tgt Ion:164 Resp: 114862

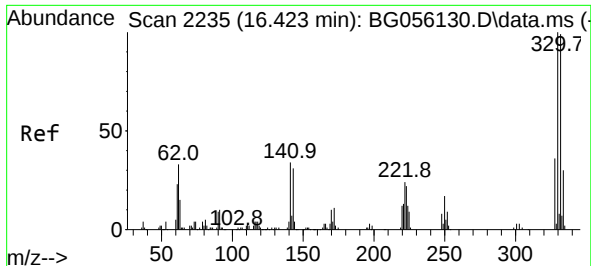
Ion Ratio Lower Upper

164 100

162 103.4 84.7 127.1

160 43.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 155.773 ng

RT: 16.420 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056146.D

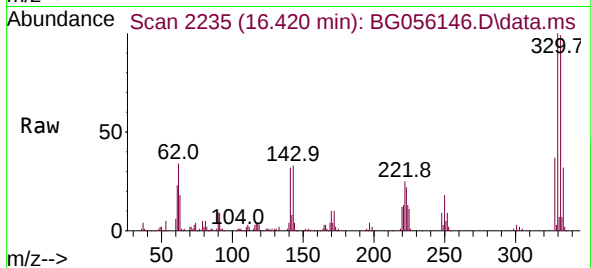
Acq: 28 Dec 2022 19:11

Instrument :

BNA_G

ClientSampleId :

TP-CR



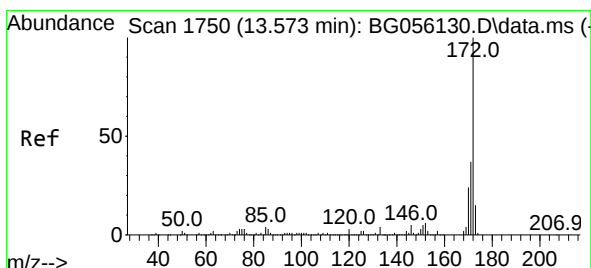
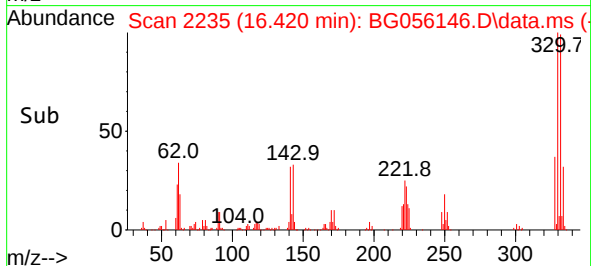
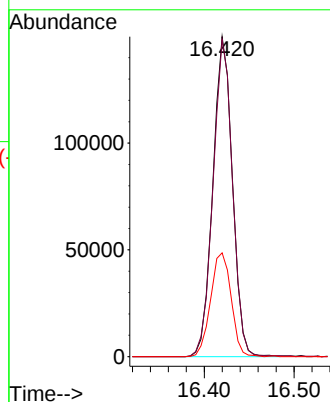
Tgt Ion:330 Resp: 226605

Ion Ratio Lower Upper

330 100

332 99.0 77.3 115.9

141 34.0 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 97.976 ng

RT: 13.570 min Scan# 1750

Delta R.T. -0.003 min

Lab File: BG056146.D

Acq: 28 Dec 2022 19:11

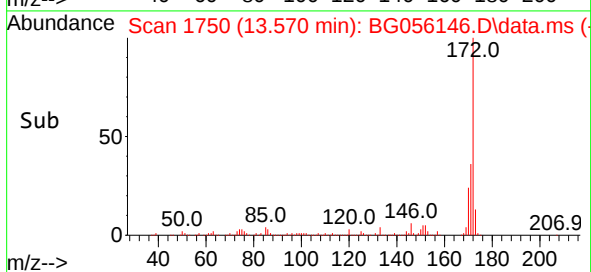
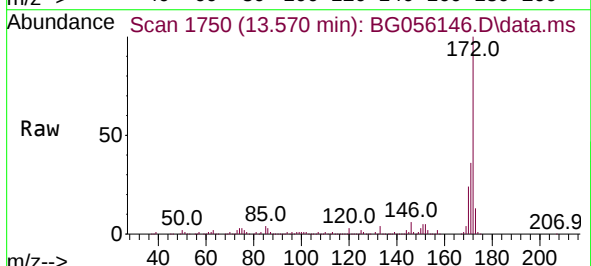
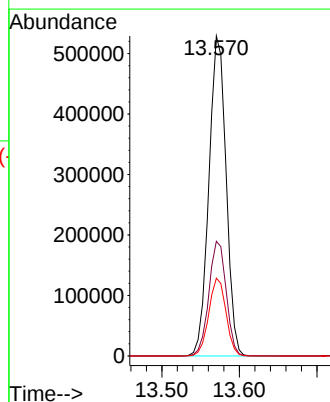
Tgt Ion:172 Resp: 814954

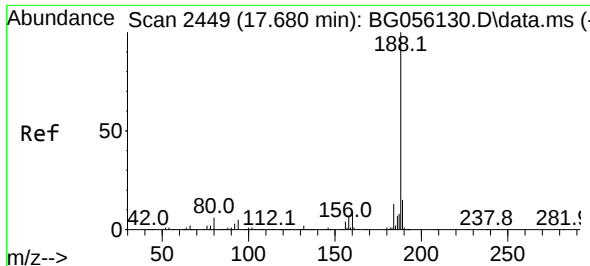
Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 24.3 19.4 29.2

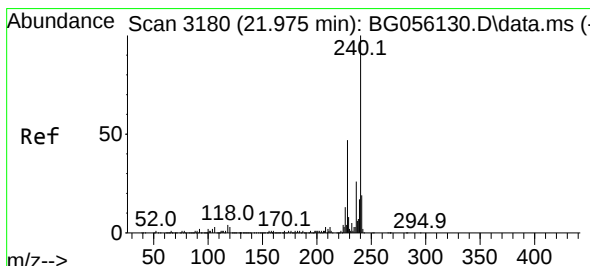
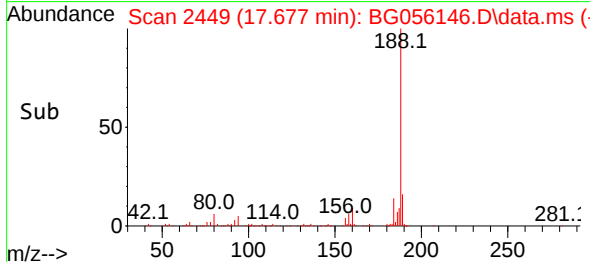
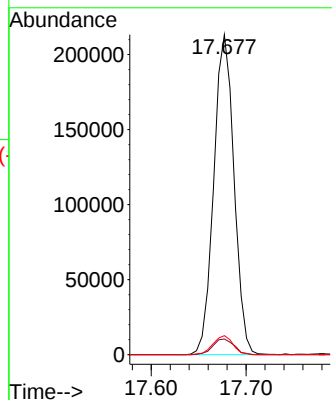
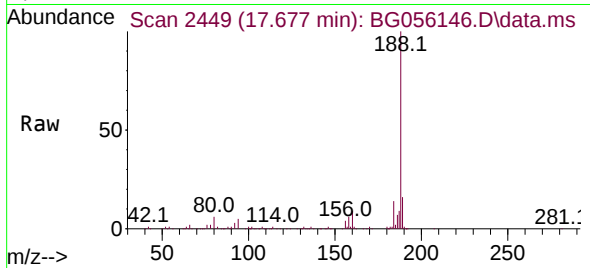




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.677 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

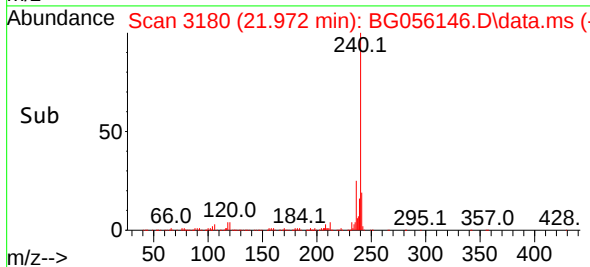
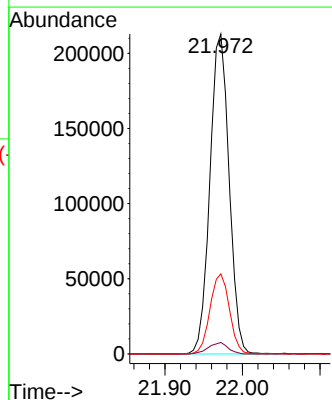
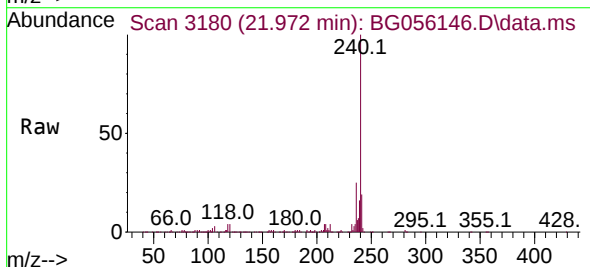
Instrument :
BNA_G
ClientSampleId :
TP-CR

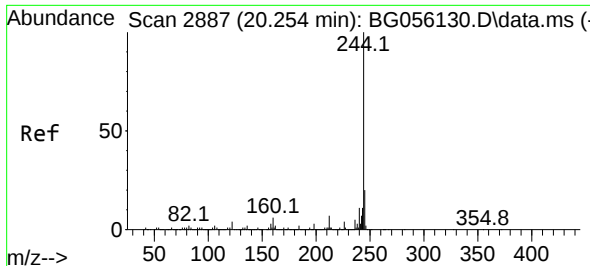
Tgt Ion:188	Resp:	316506
Ion Ratio	Lower	Upper
188	100	
94	4.9	4.2 6.2
80	5.9	5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

Tgt Ion:240	Resp:	365350
Ion Ratio	Lower	Upper
240	100	
120	3.6	2.6 4.0
236	25.0	20.8 31.2

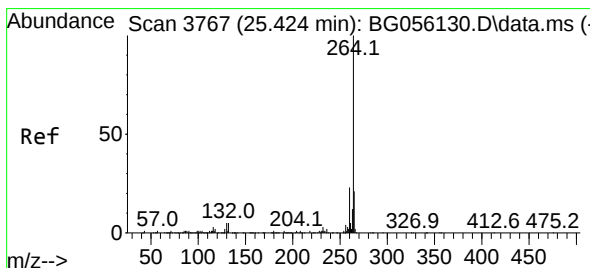
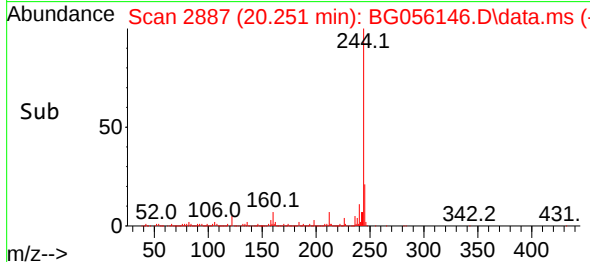
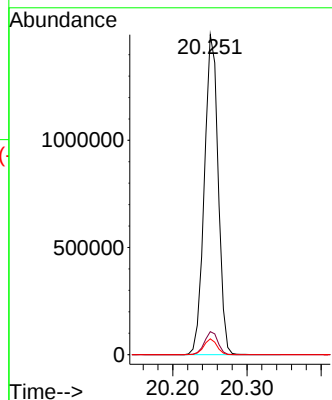
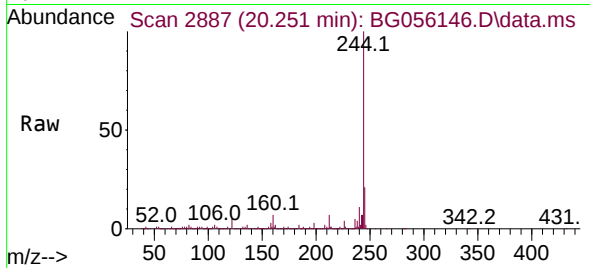




#79
 Terphenyl-d14
 Concen: 94.480 ng
 RT: 20.251 min Scan# 2887
 Delta R.T. -0.003 min
 Lab File: BG056146.D
 Acq: 28 Dec 2022 19:11

Instrument :
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 ClientSampleId :
 TP-CR

Tgt Ion:244 Resp: 1927262
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 4.9 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.427 min Scan# 3768
 Delta R.T. 0.003 min
 Lab File: BG056146.D
 Acq: 28 Dec 2022 19:11

Tgt Ion:264 Resp: 394845
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 20.7 16.7 25.1

