

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
 Data File : BG056496.D
 Acq On : 1 Feb 2023 10:24
 Operator : CG/JU
 Sample : PB150215BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150215BL

Quant Time: Feb 02 04:59:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	33466	20.000	ng	0.00
21) Naphthalene-d8	11.108	136	133669	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	110337	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	303748	20.000	ng	0.00
76) Chrysene-d12	21.924	240	301091	20.000	ng	0.00
86) Perylene-d12	25.344	264	322758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	290003	159.411	ng	0.00
7) Phenol-d6	7.418	99	393844	146.112	ng	0.00
23) Nitrobenzene-d5	9.451	82	208075	88.394	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	197419	134.586	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	717452	90.151	ng	0.00
79) Terphenyl-d14	20.215	244	1563593	91.210	ng	0.00

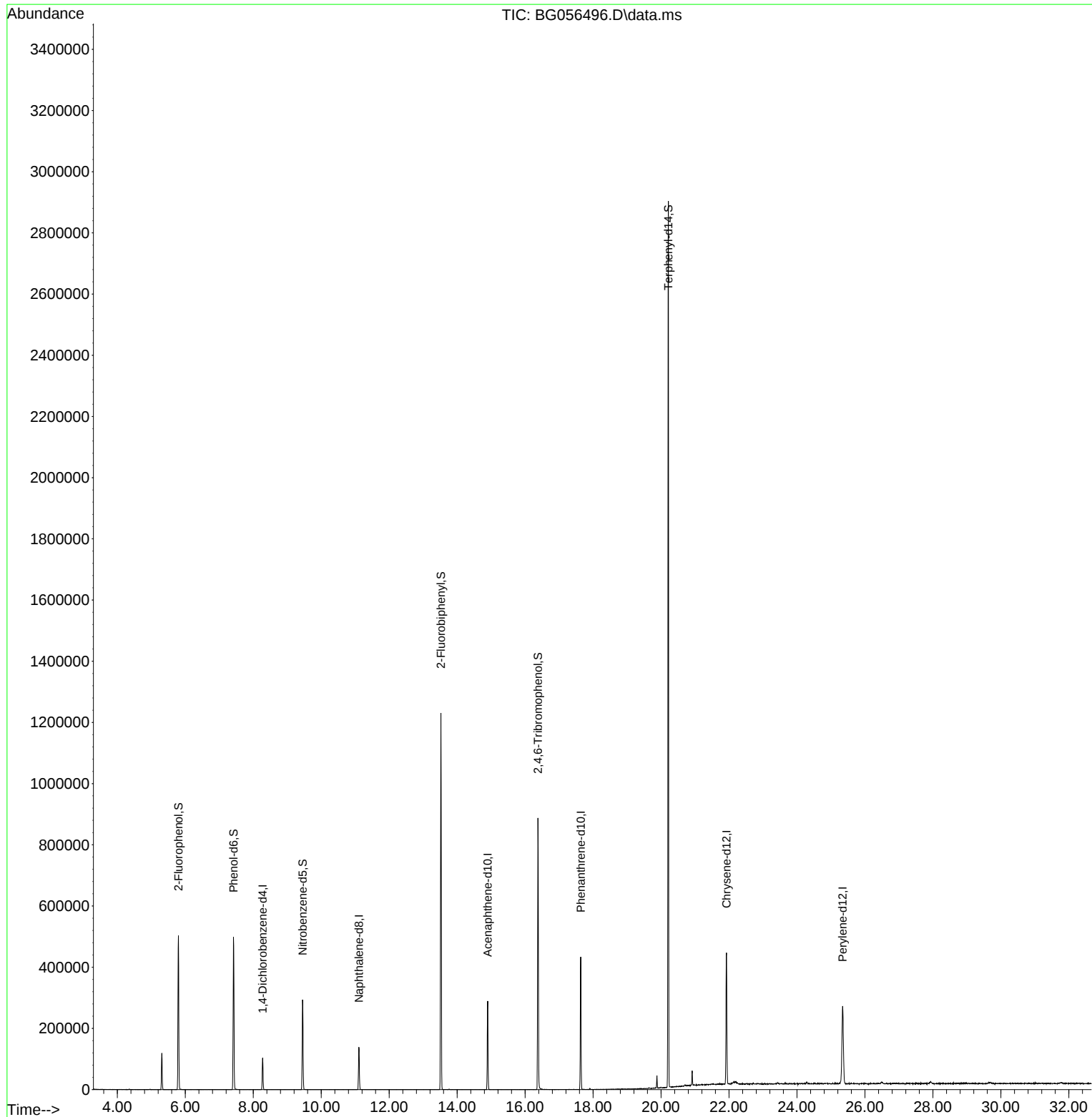
Target Compounds	Qvalue

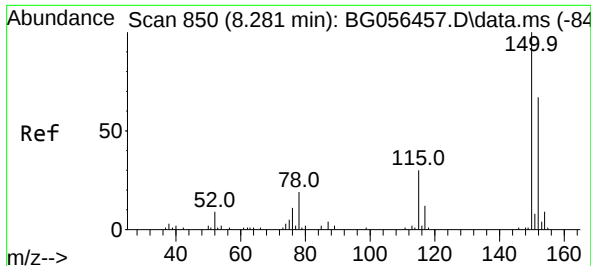
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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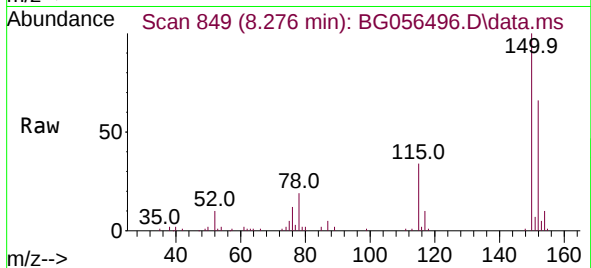
Quant Time: Feb 02 04:59:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
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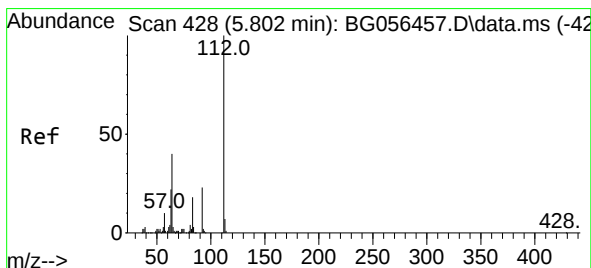
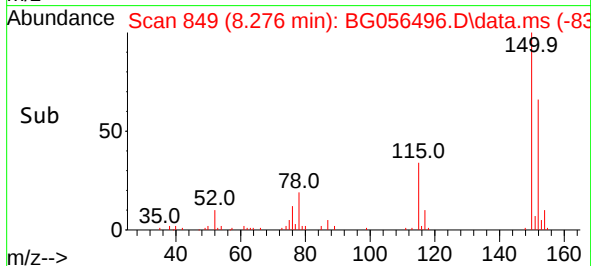
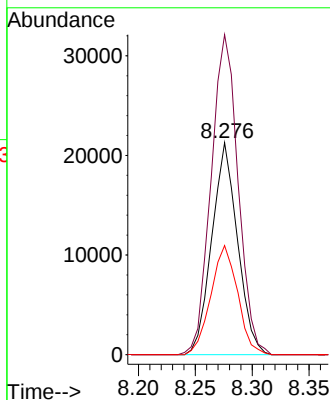


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056496.D
Acq: 1 Feb 2023 10:24

Instrument :
BNA_G
ClientSampleId :
PB150215BL

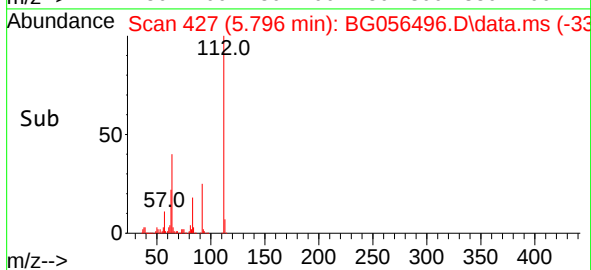
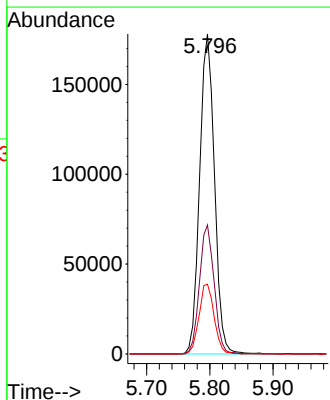
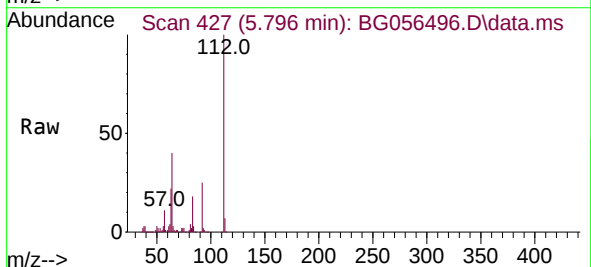


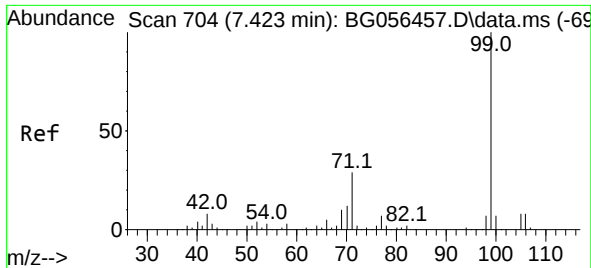
Tgt Ion:152 Resp: 33466
Ion Ratio Lower Upper
152 100
150 151.0 120.2 180.4
115 51.5 36.3 54.5



#5
2-Fluorophenol
Concen: 159.411 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.000 min
Lab File: BG056496.D
Acq: 1 Feb 2023 10:24

Tgt Ion:112 Resp: 290003
Ion Ratio Lower Upper
112 100
64 40.3 31.9 47.9
63 21.8 17.4 26.0

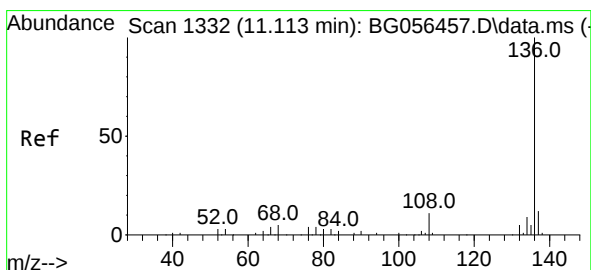
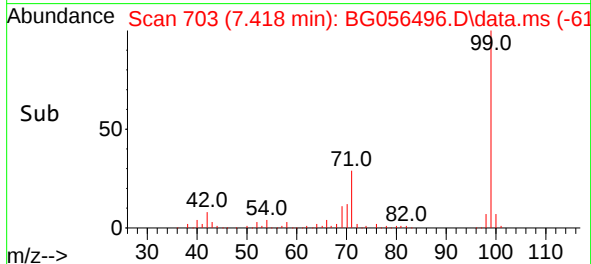
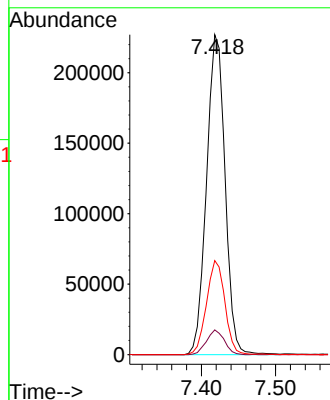
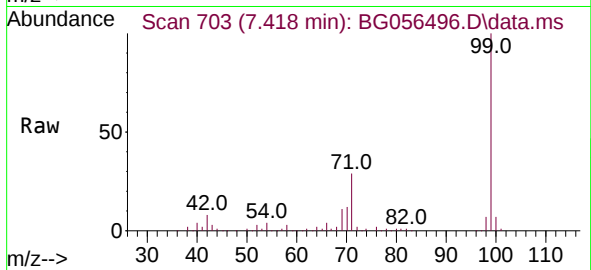




#7
Phenol-d6
Concen: 146.112 ng
RT: 7.418 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG056496.D
Acq: 1 Feb 2023 10:24

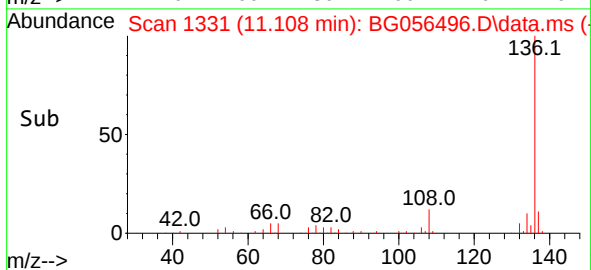
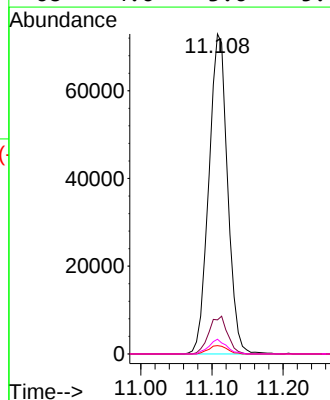
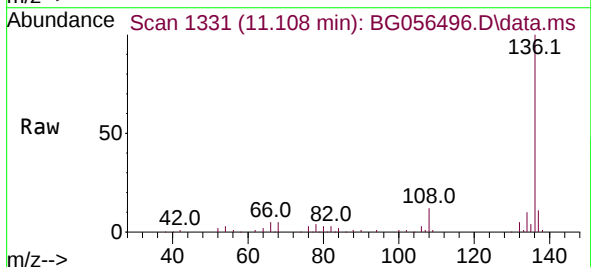
Instrument :
BNA_G
ClientSampleId :
PB150215BL

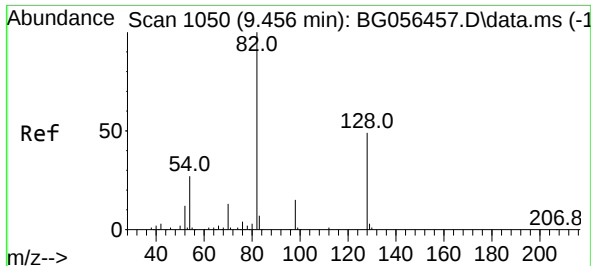
Tgt Ion: 99 Resp: 393844
Ion Ratio Lower Upper
99 100
42 7.7 6.6 10.0
71 29.4 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BG056496.D
Acq: 1 Feb 2023 10:24

Tgt Ion: 136 Resp: 133669
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.0
54 2.6 2.2 3.4
68 4.6 3.6 5.4





#23

Nitrobenzene-d5

Concen: 88.394 ng

RT: 9.451 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BG056496.D

Acq: 1 Feb 2023 10:24

Instrument :

BNA_G

ClientSampleId :

PB150215BL

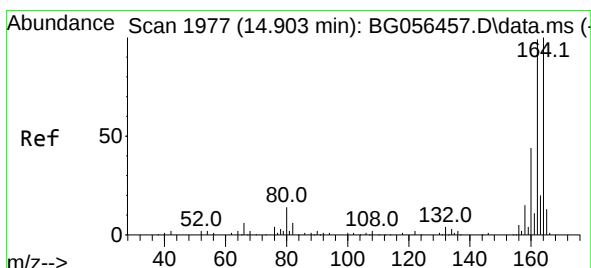
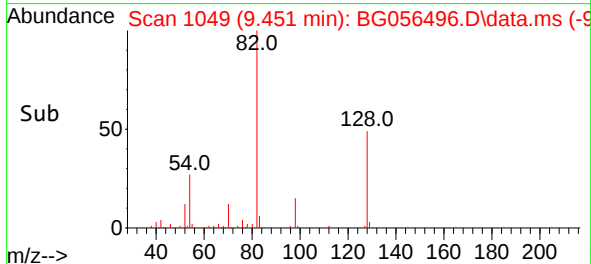
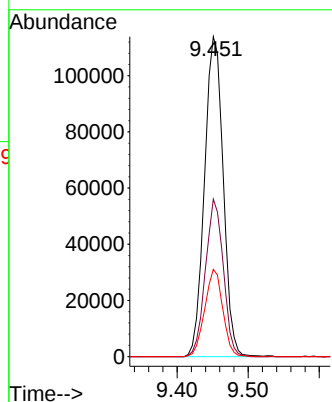
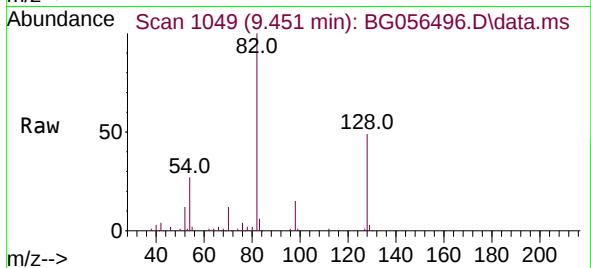
Tgt Ion: 82 Resp: 208075

Ion Ratio Lower Upper

82 100

128 49.2 39.4 59.2

54 27.3 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.897 min Scan# 1976

Delta R.T. 0.000 min

Lab File: BG056496.D

Acq: 1 Feb 2023 10:24

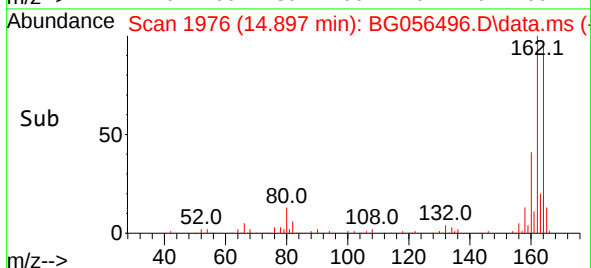
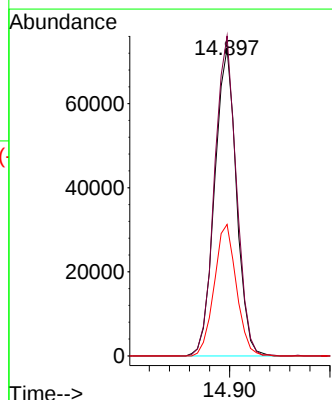
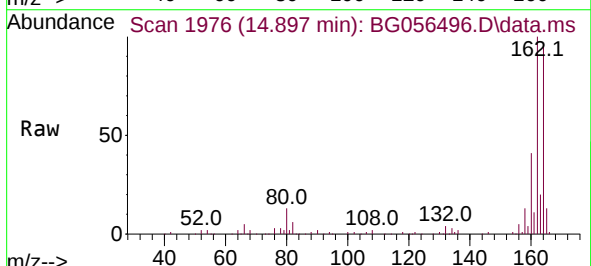
Tgt Ion:164 Resp: 110337

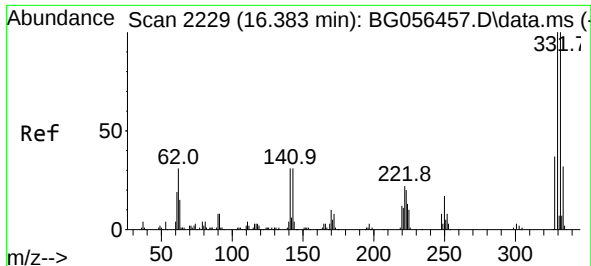
Ion Ratio Lower Upper

164 100

162 104.1 79.6 119.4

160 42.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 134.586 ng

RT: 16.378 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056496.D

Acq: 1 Feb 2023 10:24

Instrument :

BNA_G

ClientSampleId :

PB150215BL

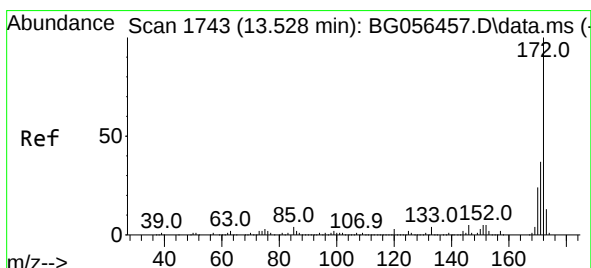
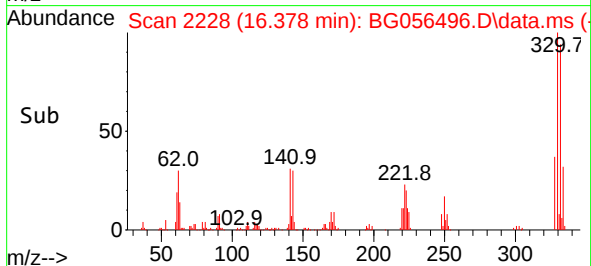
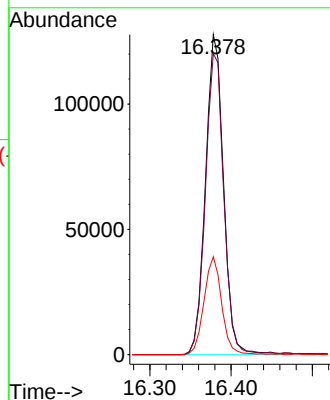
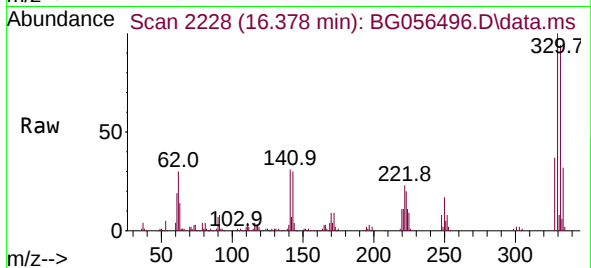
Tgt Ion:330 Resp: 197419

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.6

141 30.0 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 90.151 ng

RT: 13.523 min Scan# 1742

Delta R.T. 0.000 min

Lab File: BG056496.D

Acq: 1 Feb 2023 10:24

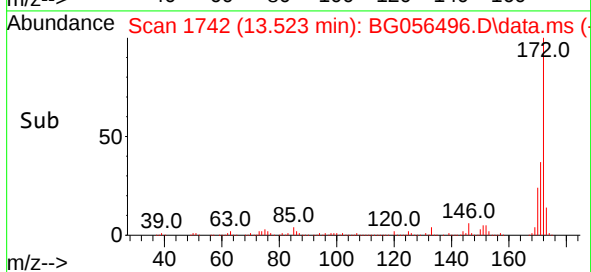
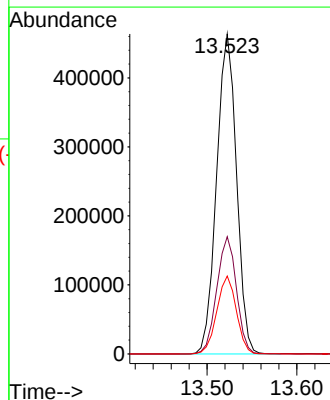
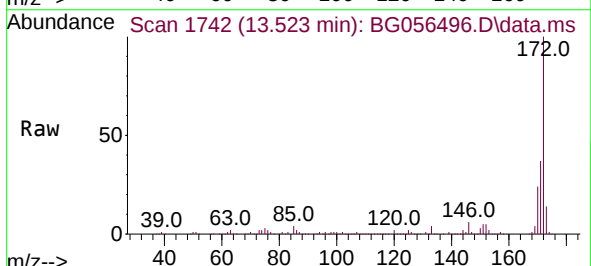
Tgt Ion:172 Resp: 717452

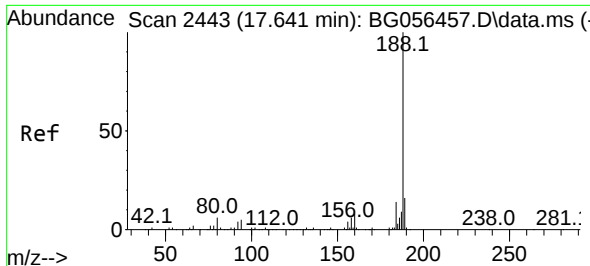
Ion Ratio Lower Upper

172 100

171 36.6 29.5 44.3

170 24.3 19.2 28.8

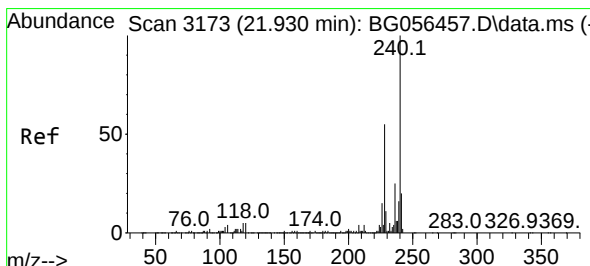
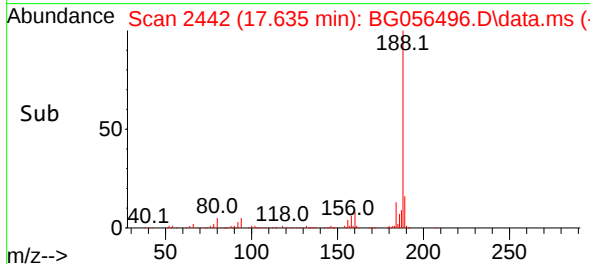
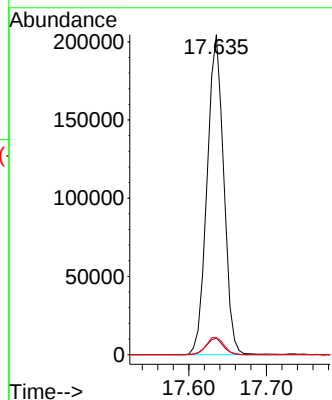
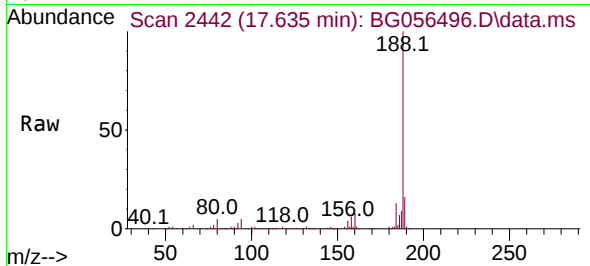




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.635 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BG056496.D
Acq: 1 Feb 2023 10:24

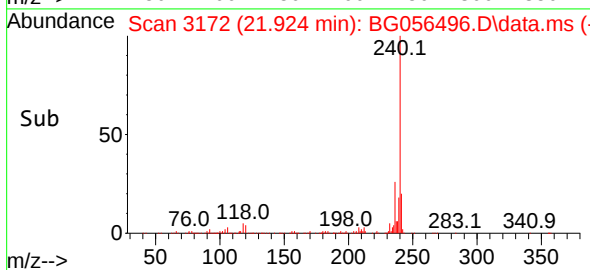
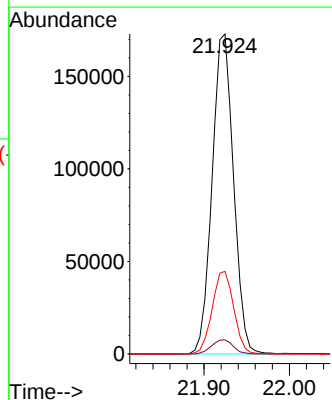
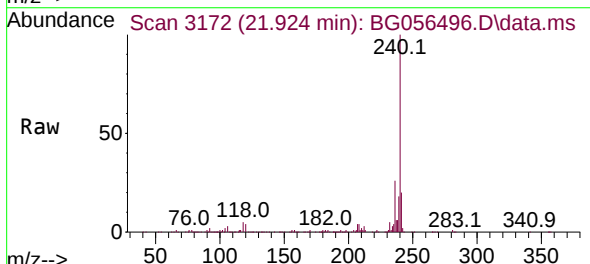
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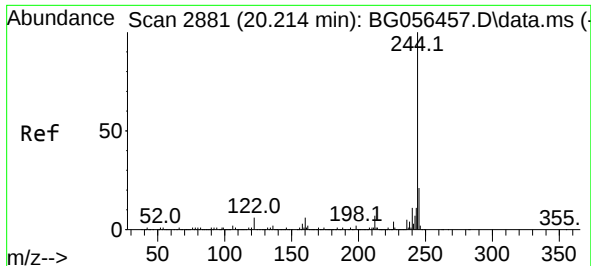
Tgt Ion:188 Resp: 303748
Ion Ratio Lower Upper
188 100
94 5.2 4.1 6.1
80 5.3 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG056496.D
Acq: 1 Feb 2023 10:24

Tgt Ion:240 Resp: 301091
Ion Ratio Lower Upper
240 100
120 4.4 3.8 5.8
236 25.8 20.2 30.2

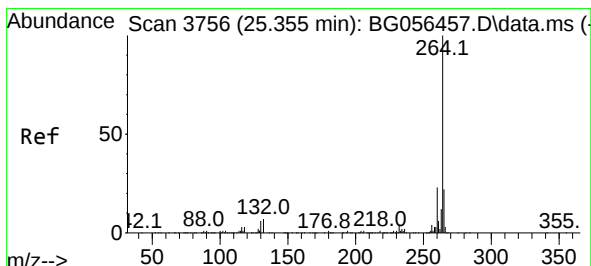
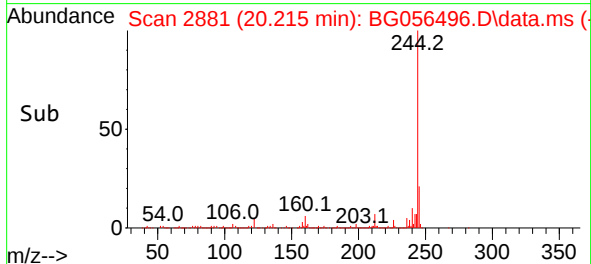
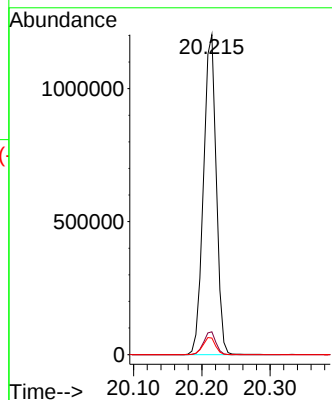
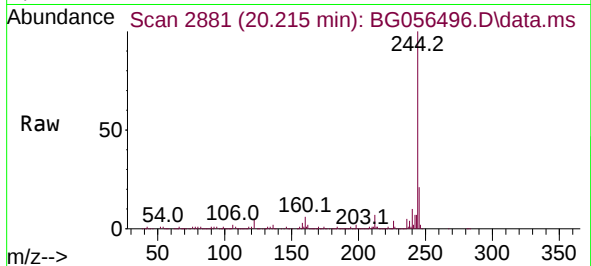




#79
 Terphenyl-d14
 Concen: 91.210 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. 0.006 min
 Lab File: BG056496.D
 Acq: 1 Feb 2023 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB150215BL

Tgt Ion:244 Resp: 1563593
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 5.2 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.344 min Scan# 3754
 Delta R.T. 0.000 min
 Lab File: BG056496.D
 Acq: 1 Feb 2023 10:24

Tgt Ion:264 Resp: 322758
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.4
 265 22.2 18.1 27.1

