

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
 Data File : BG056682.D
 Acq On : 21 Feb 2023 12:39
 Operator : CG/JU
 Sample : PB150950BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150950BL

Quant Time: Feb 21 14:05:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 14:02:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.430	152	14615	20.000	ng	0.00
21) Naphthalene-d8	11.267	136	60787	20.000	ng	0.00
39) Acenaphthene-d10	15.034	164	46950	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	129416	20.000	ng	0.00
76) Chrysene-d12	22.084	240	128634	20.000	ng	0.00
86) Perylene-d12	25.621	264	131959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.933	112	131315	146.191	ng	0.00
7) Phenol-d6	7.548	99	184299	138.901	ng	0.00
23) Nitrobenzene-d5	9.599	82	120221	101.263	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	95810	149.050	ng	0.00
45) 2-Fluorobiphenyl	13.665	172	299253	85.350	ng	0.00
79) Terphenyl-d14	20.339	244	710410	90.358	ng	0.00

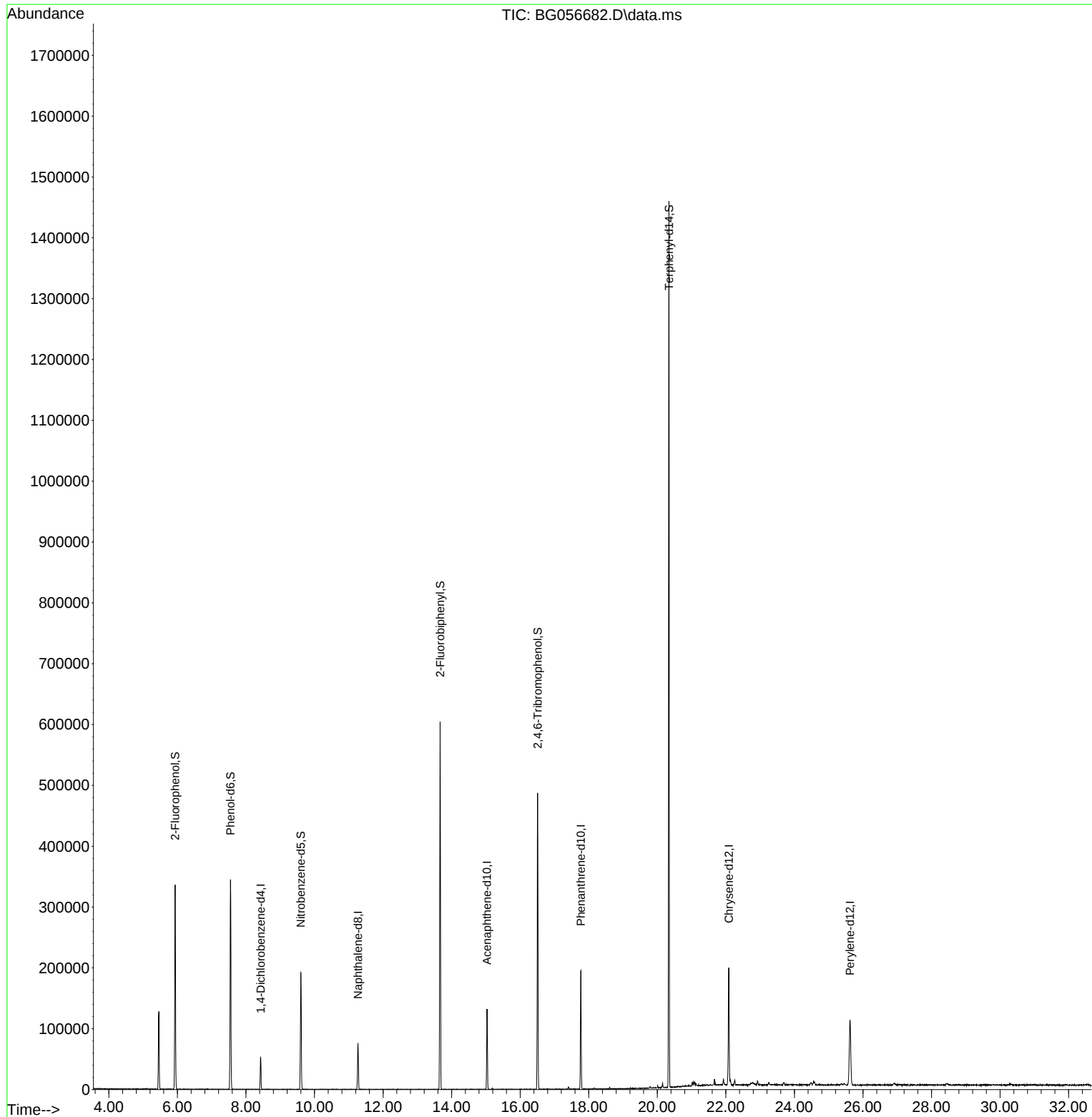
Target Compounds	Qvalue

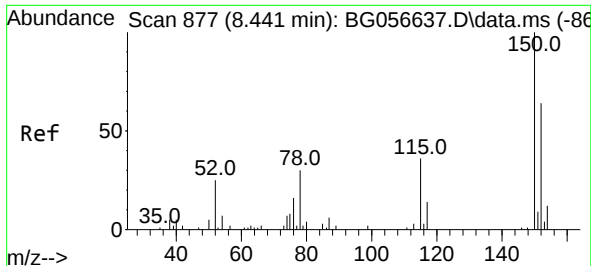
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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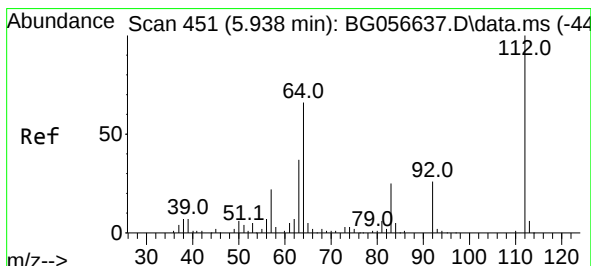
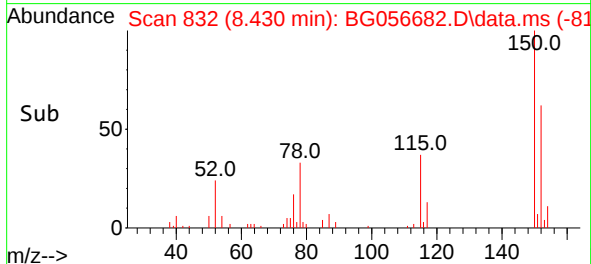
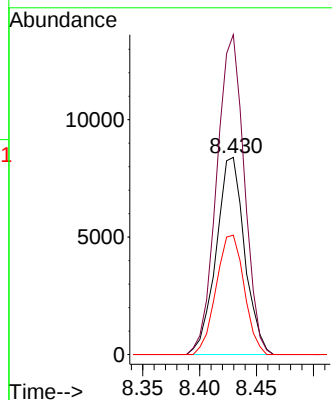
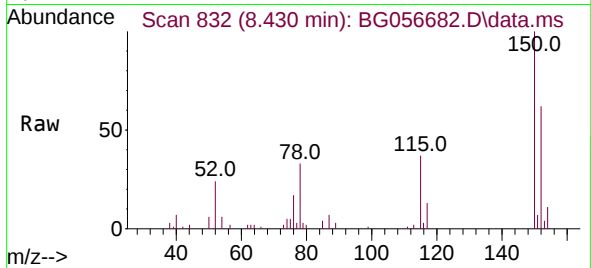




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.430 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056682.D
Acq: 21 Feb 2023 12:39

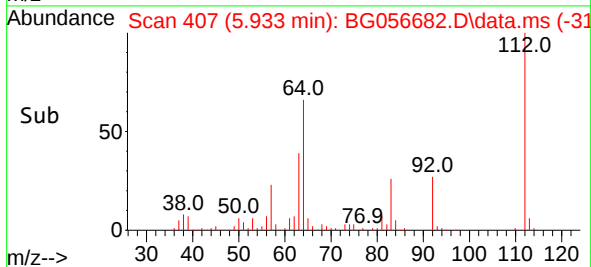
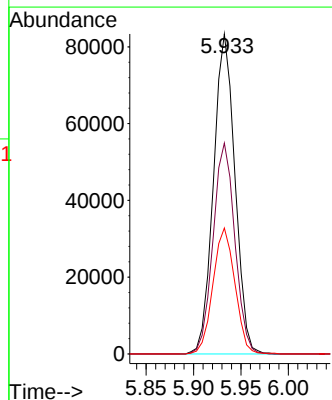
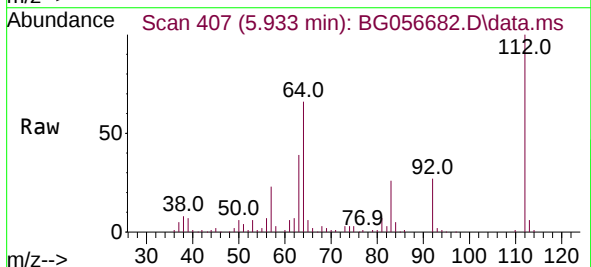
Instrument :
BNA_G
ClientSampleId :
PB150950BL

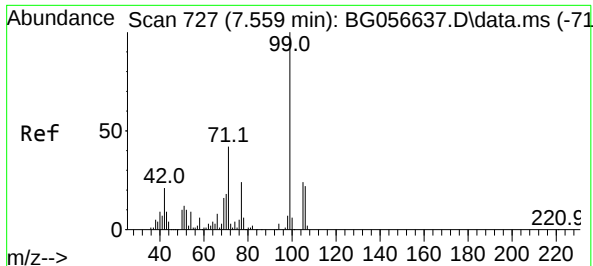
Tgt Ion:152 Resp: 14615
Ion Ratio Lower Upper
152 100
150 162.3 124.8 187.2
115 60.6 44.7 67.1



#5
2-Fluorophenol
Concen: 146.191 ng
RT: 5.933 min Scan# 407
Delta R.T. 0.001 min
Lab File: BG056682.D
Acq: 21 Feb 2023 12:39

Tgt Ion:112 Resp: 131315
Ion Ratio Lower Upper
112 100
64 65.9 52.6 78.8
63 39.3 29.8 44.6

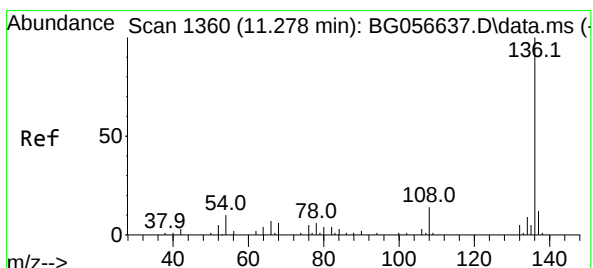
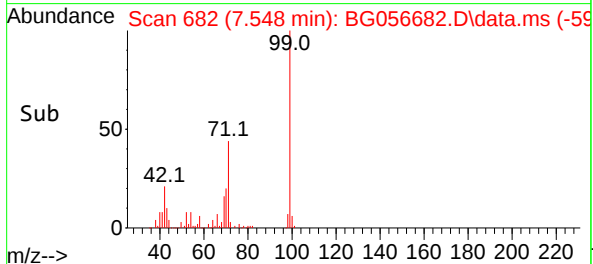
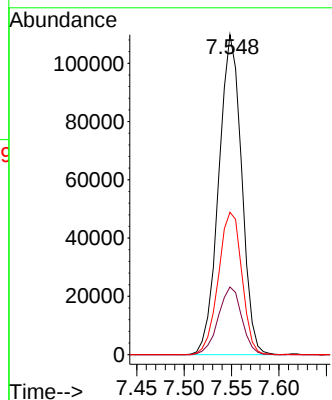
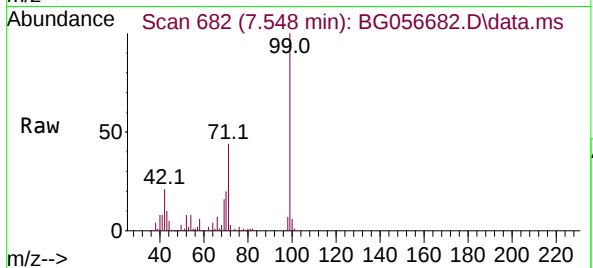




#7
Phenol-d6
Concen: 138.901 ng
RT: 7.548 min Scan# 68
Delta R.T. -0.005 min
Lab File: BG056682.D
Acq: 21 Feb 2023 12:39

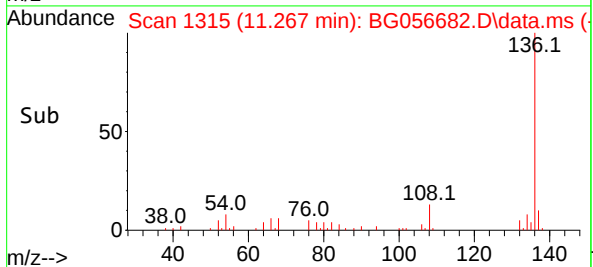
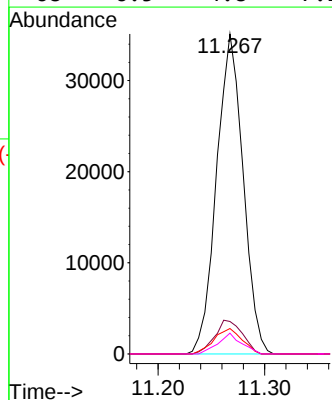
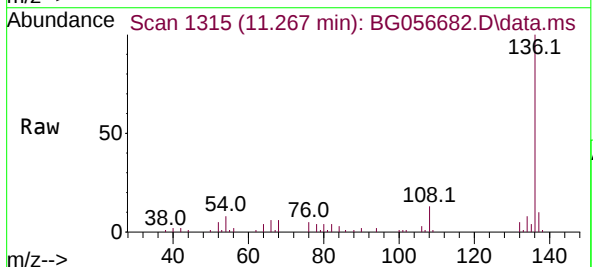
Instrument :
BNA_G
ClientSampleId :
PB150950BL

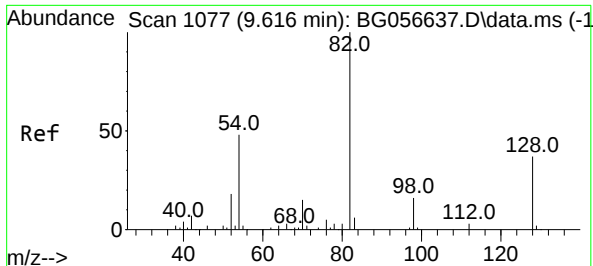
Tgt Ion: 99 Resp: 184299
Ion Ratio Lower Upper
99 100
42 21.2 16.8 25.2
71 44.5 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.267 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BG056682.D
Acq: 21 Feb 2023 12:39

Tgt Ion:136 Resp: 60787
Ion Ratio Lower Upper
136 100
137 10.1 9.7 14.5
54 7.9 7.7 11.5
68 6.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 101.263 ng

RT: 9.599 min Scan# 1077

Delta R.T. -0.005 min

Lab File: BG056682.D

Acq: 21 Feb 2023 12:39

Instrument :

BNA_G

ClientSampleId :

PB150950BL

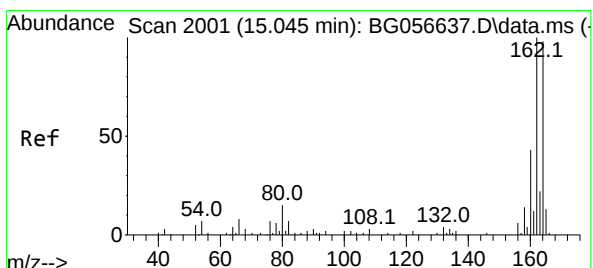
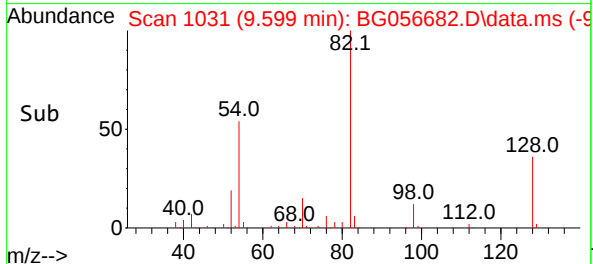
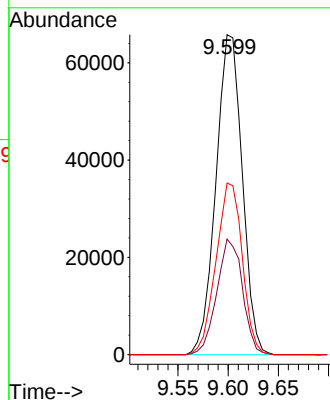
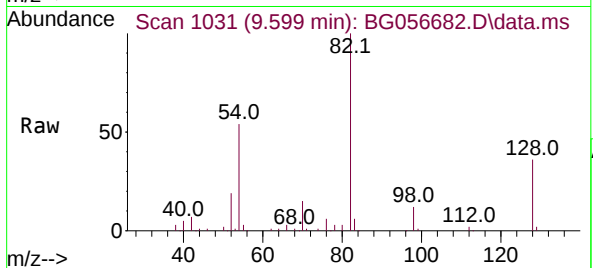
Tgt Ion: 82 Resp: 120221

Ion Ratio Lower Upper

82 100

128 36.1 29.4 44.2

54 53.6 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.034 min Scan# 1956

Delta R.T. 0.001 min

Lab File: BG056682.D

Acq: 21 Feb 2023 12:39

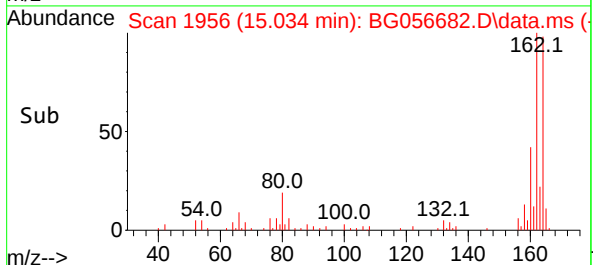
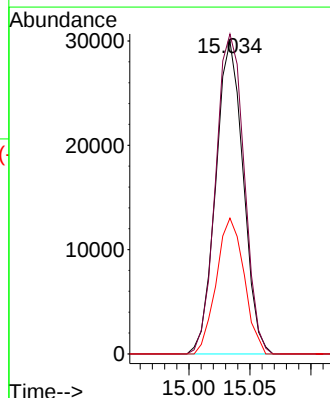
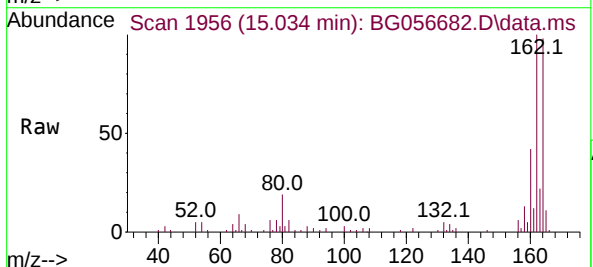
Tgt Ion:164 Resp: 46950

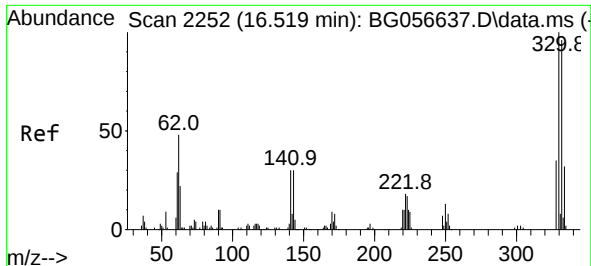
Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 43.4 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 149.050 ng

RT: 16.508 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056682.D

Acq: 21 Feb 2023 12:39

Instrument :

BNA_G

ClientSampleId :

PB150950BL

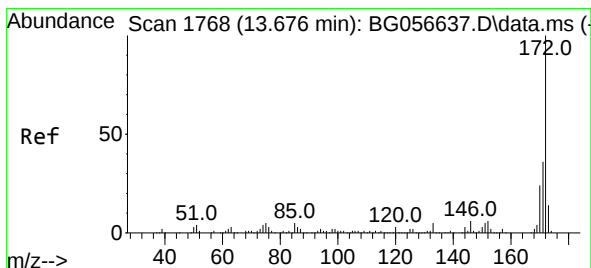
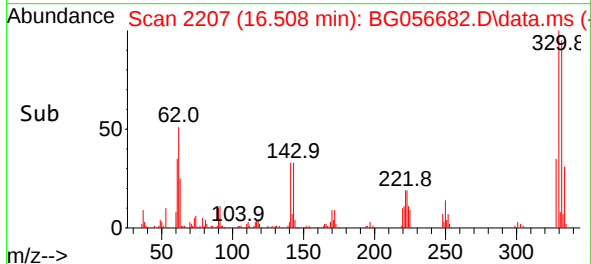
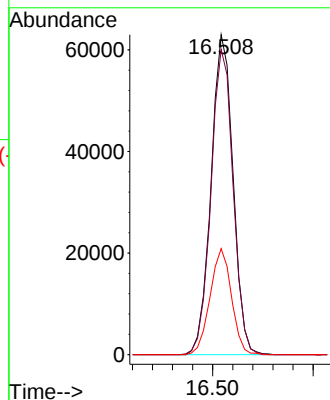
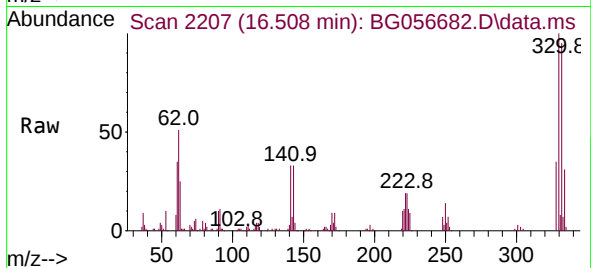
Tgt Ion:330 Resp: 95810

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

141 32.3 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 85.350 ng

RT: 13.665 min Scan# 1723

Delta R.T. 0.001 min

Lab File: BG056682.D

Acq: 21 Feb 2023 12:39

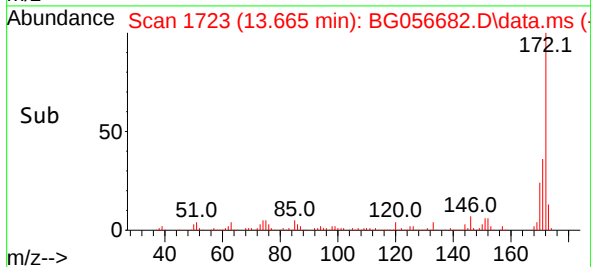
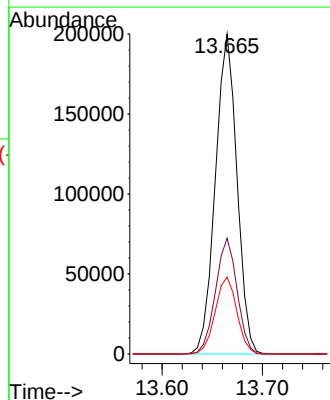
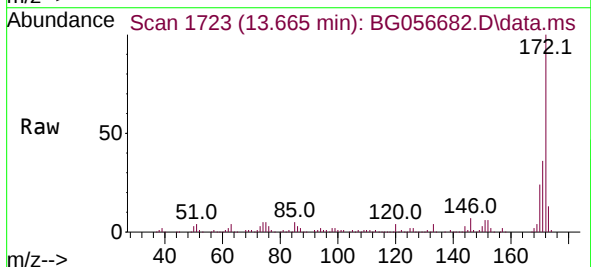
Tgt Ion:172 Resp: 299253

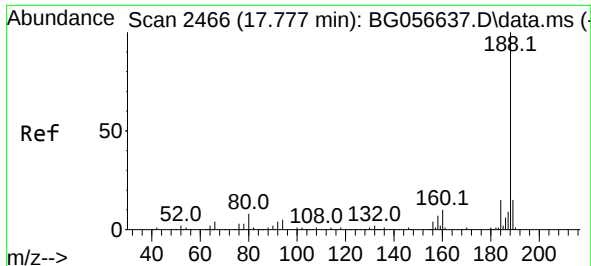
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.9 19.4 29.0

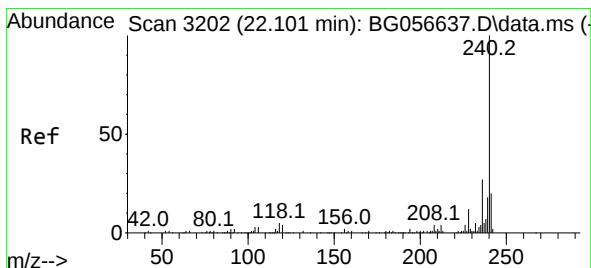
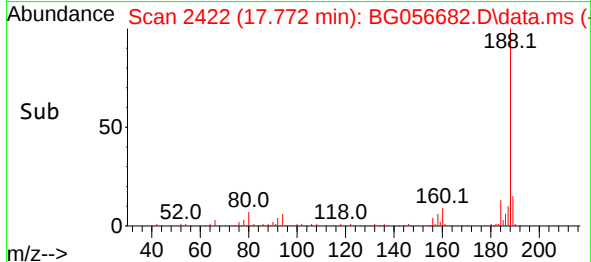
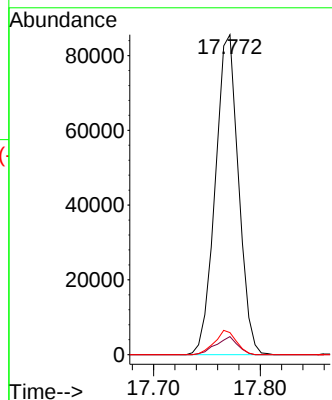
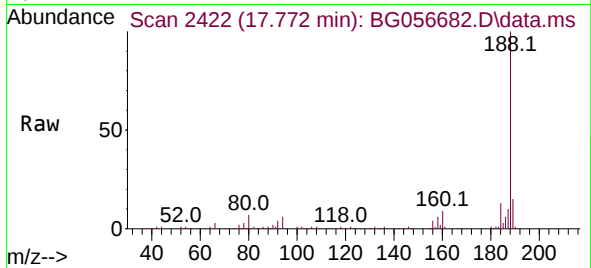




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.772 min Scan# 2466
Delta R.T. 0.001 min
Lab File: BG056682.D
Acq: 21 Feb 2023 12:39

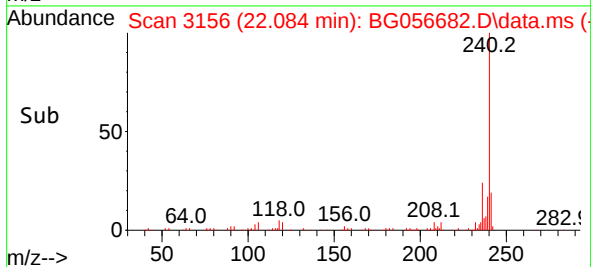
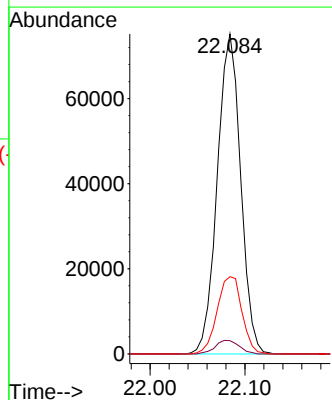
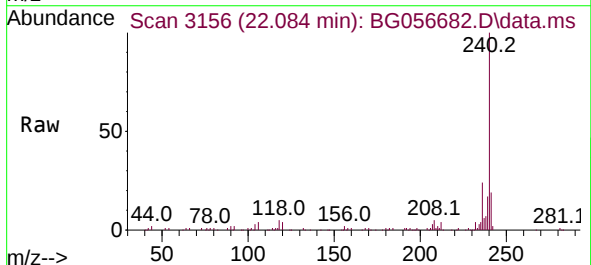
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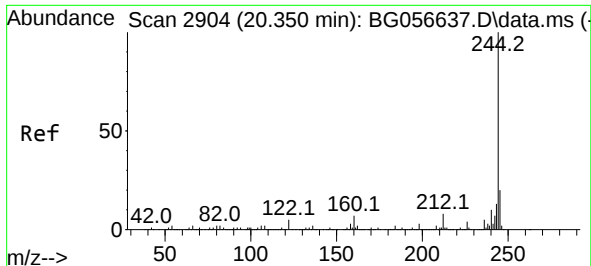
Tgt Ion:188 Resp: 129416
Ion Ratio Lower Upper
188 100
94 5.6 4.0 6.0
80 6.9 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.084 min Scan# 3156
Delta R.T. -0.005 min
Lab File: BG056682.D
Acq: 21 Feb 2023 12:39

Tgt Ion:240 Resp: 128634
Ion Ratio Lower Upper
240 100
120 4.1 3.5 5.3
236 24.1 21.5 32.3

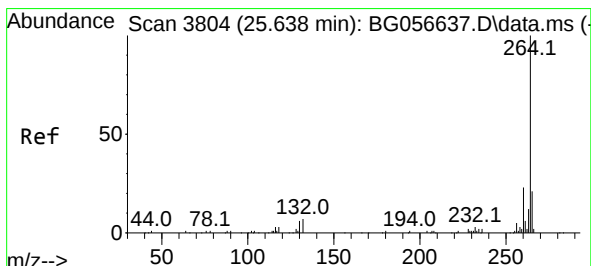
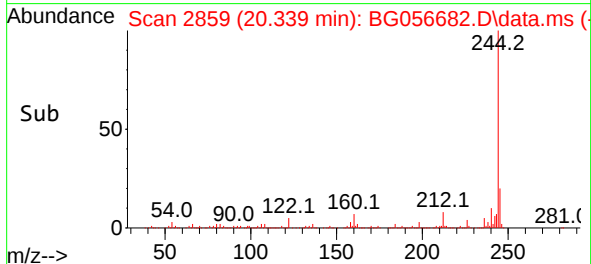
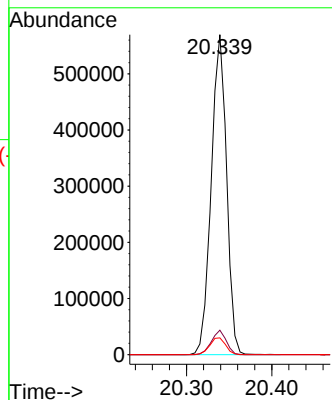
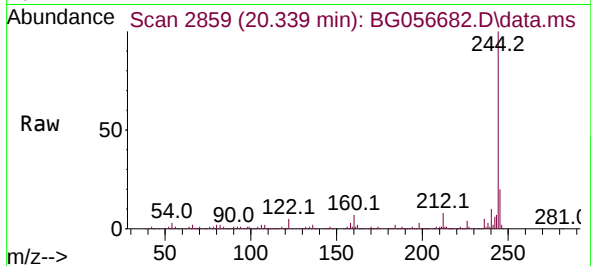




#79
 Terphenyl-d14
 Concen: 90.358 ng
 RT: 20.339 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056682.D
 Acq: 21 Feb 2023 12:39

Instrument :
 BNA_G
 ClientSampleId :
 PB150950BL

Tgt Ion:244 Resp: 710410
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 5.2 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.621 min Scan# 3758
 Delta R.T. 0.001 min
 Lab File: BG056682.D
 Acq: 21 Feb 2023 12:39

Tgt Ion:264 Resp: 131959
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 23.1 17.0 25.4

