

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059895.D
 Acq On : 25 Nov 2023 17:20
 Operator : MA/JU
 Sample : 05311-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Nov 27 03:23:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.315	152	27035	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	147458	20.000	ng	# 0.00
39) Acenaphthene-d10	14.948	164	101891	20.000	ng	# 0.00
64) Phenanthrene-d10	17.698	188	195823	20.000	ng	-0.01
76) Chrysene-d12	22.022	240	166268	20.000	ng	#-0.01
86) Perylene-d12	25.589	264	177975	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.812	112	254340	158.346	ng	0.00
7) Phenol-d6	7.445	99	310436	130.420	ng	0.00
23) Nitrobenzene-d5	9.525	82	345712	89.540	ng	0.00
42) 2,4,6-Tribromophenol	16.441	330	200312	173.268	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	868814	114.776	ng	0.00
79) Terphenyl-d14	20.277	244	1253991	111.338	ng	0.00

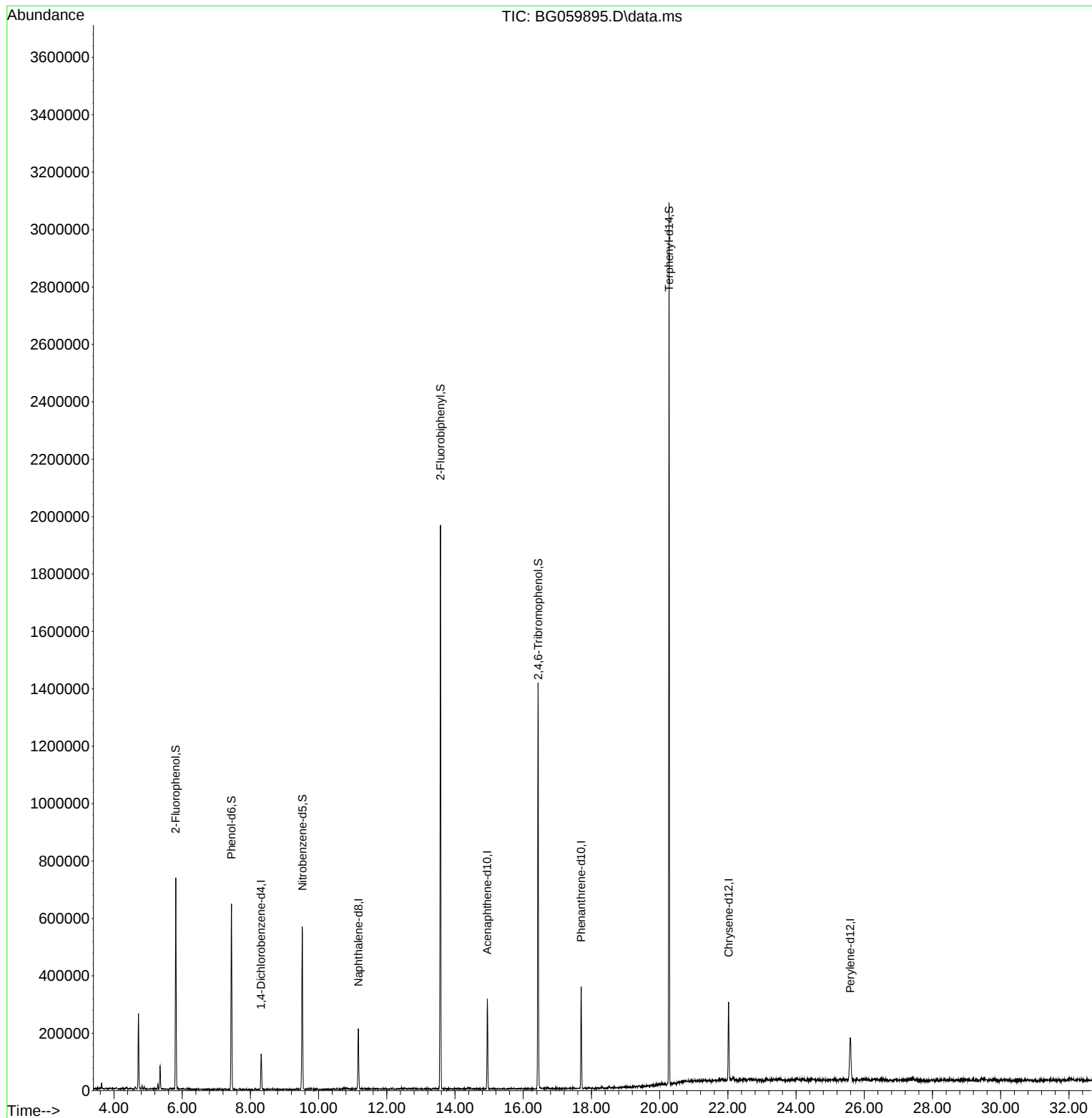
Target Compounds	Qvalue

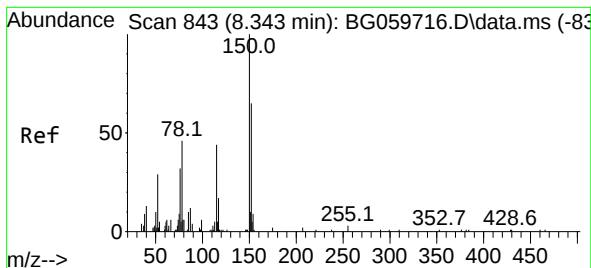
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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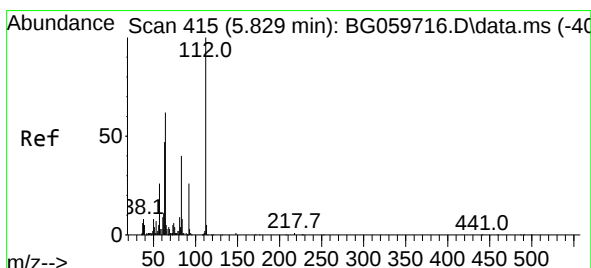
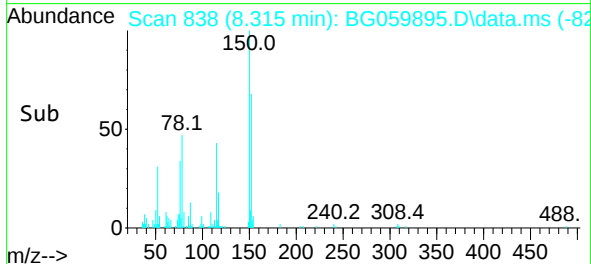
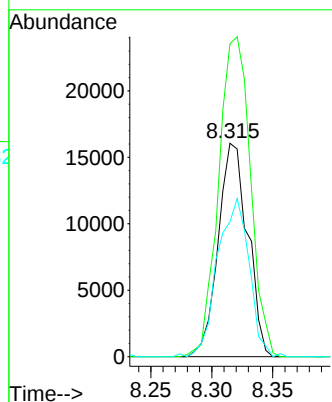
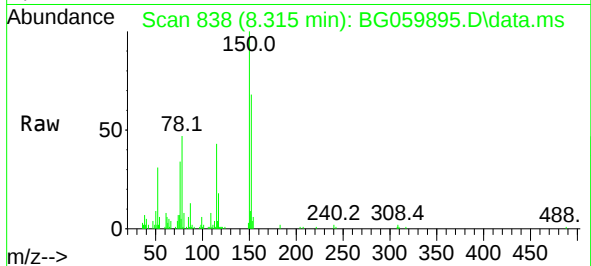




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.315 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

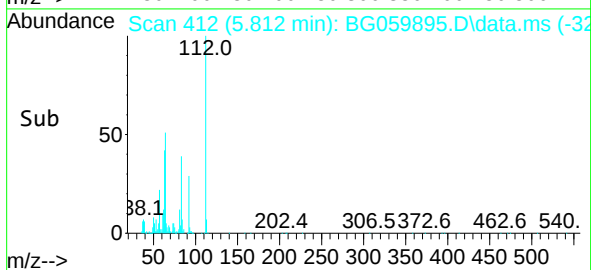
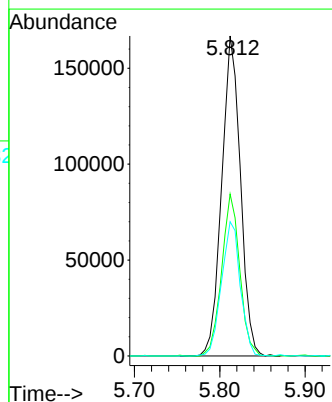
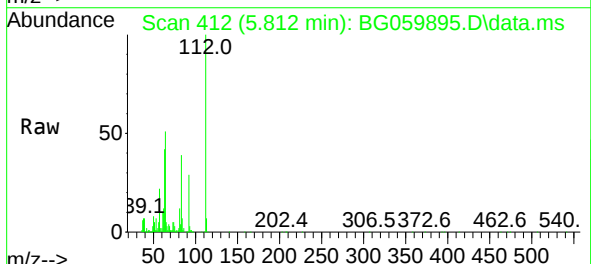
Instrument :
BNA_G
ClientSampleId :
TP-1

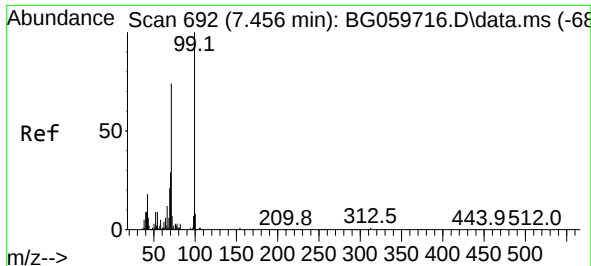
Tgt Ion:152 Resp: 27035
Ion Ratio Lower Upper
152 100
150 146.5 122.2 183.4
115 63.2 54.2 81.4



#5
2-Fluorophenol
Concen: 158.346 ng
RT: 5.812 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

Tgt Ion:112 Resp: 254340
Ion Ratio Lower Upper
112 100
64 50.6 49.5 74.3
63 42.0 37.4 56.2

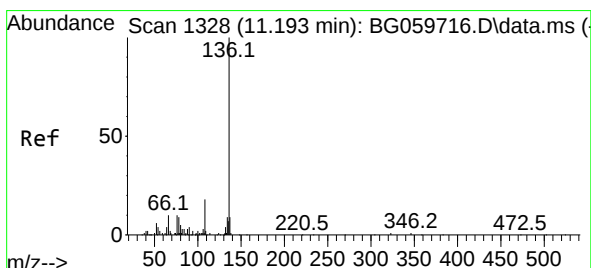
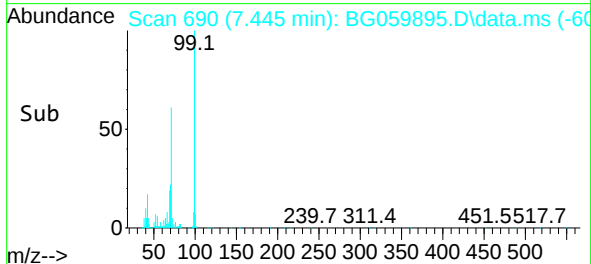
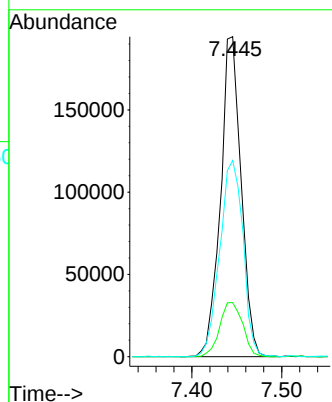
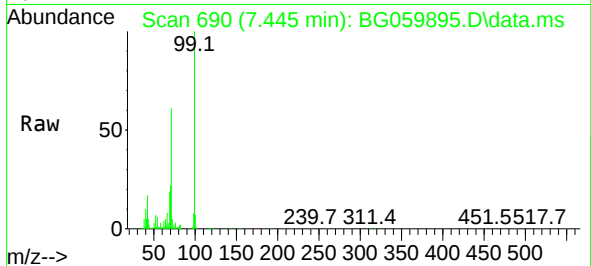




#7
Phenol-d6
Concen: 130.420 ng
RT: 7.445 min Scan# 692
Delta R.T. 0.000 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

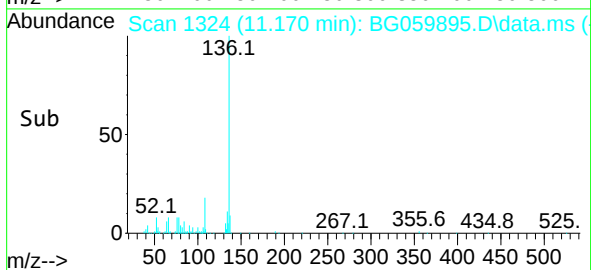
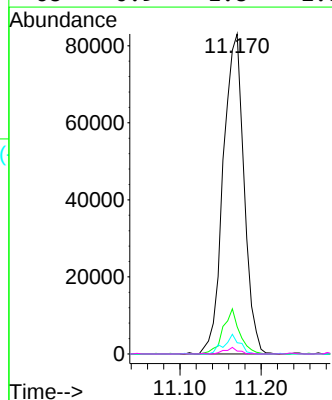
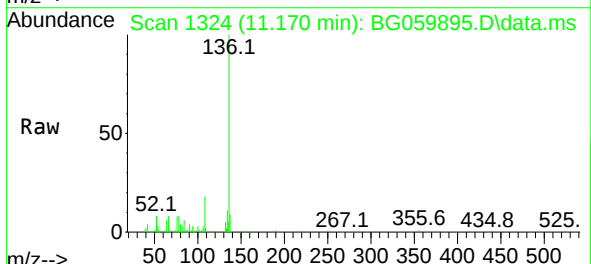
Instrument :
BNA_G
ClientSampleId :
TP-1

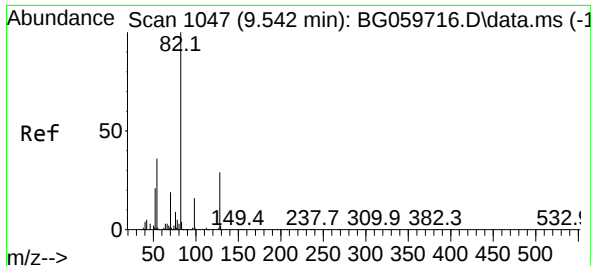
Tgt Ion: 99 Resp: 310436
Ion Ratio Lower Upper
99 100
42 16.9 14.3 21.5
71 61.3 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

Tgt Ion: 136 Resp: 147458
Ion Ratio Lower Upper
136 100
137 8.5 7.4 11.0
54 3.5 3.1 4.7
68 0.9 1.8 2.8





#23

Nitrobenzene-d5

Concen: 89.540 ng

RT: 9.525 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059895.D

Acq: 25 Nov 2023 17:20

Instrument :

BNA_G

ClientSampleId :

TP-1

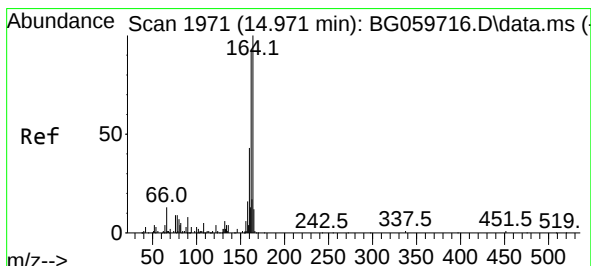
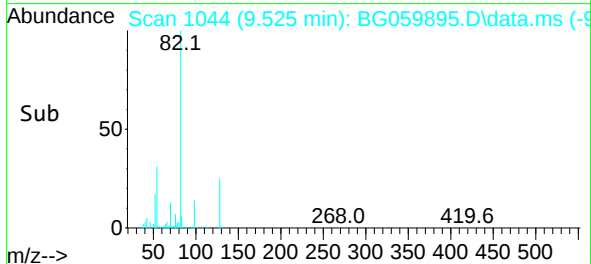
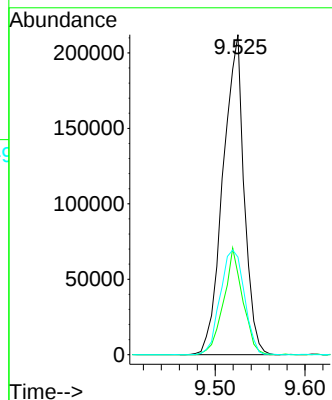
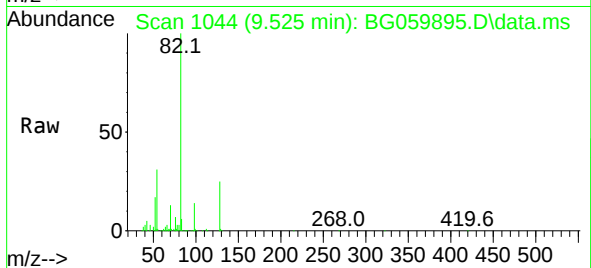
Tgt Ion: 82 Resp: 345712

Ion Ratio Lower Upper

82 100

128 25.2 23.0 34.6

54 30.5 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.948 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BG059895.D

Acq: 25 Nov 2023 17:20

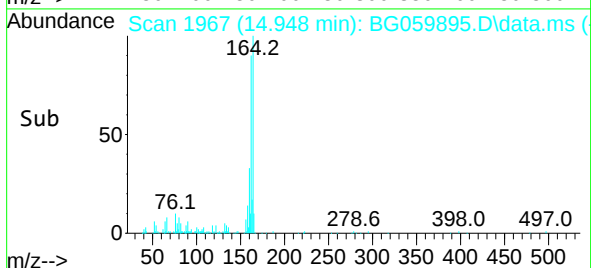
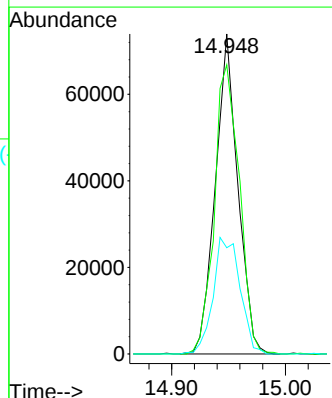
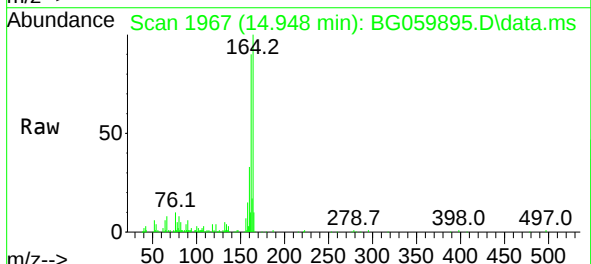
Tgt Ion:164 Resp: 101891

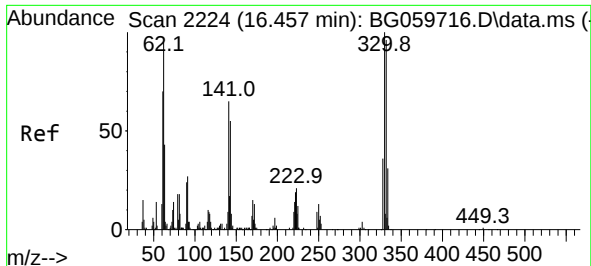
Ion Ratio Lower Upper

164 100

162 90.4 73.3 109.9

160 33.2 34.1 51.1#

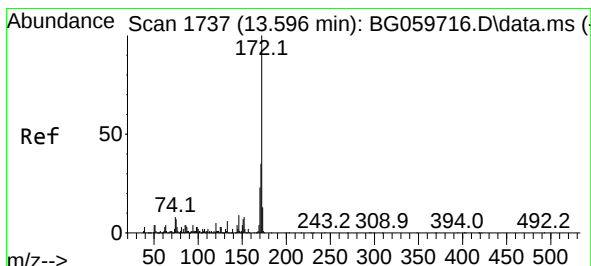
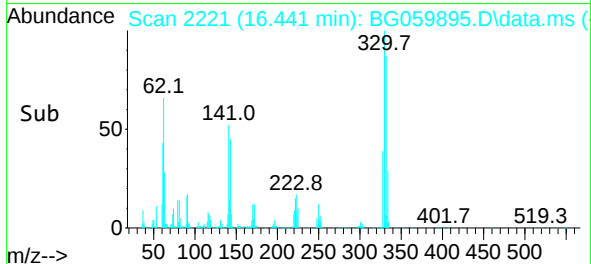
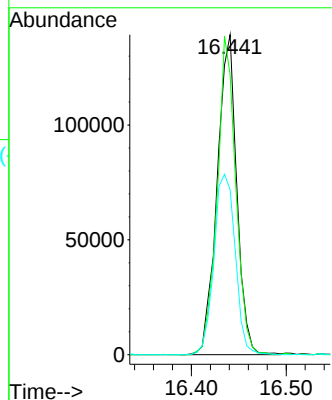
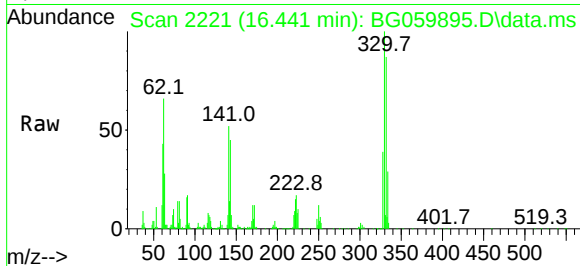




#42
2,4,6-Tribromophenol
Concen: 173.268 ng
RT: 16.441 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

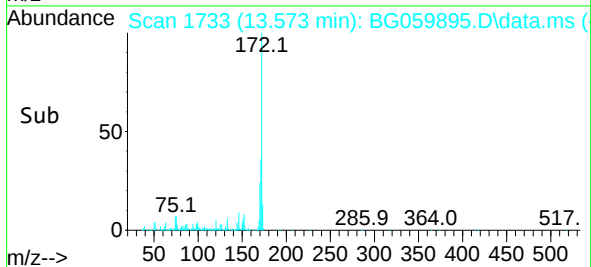
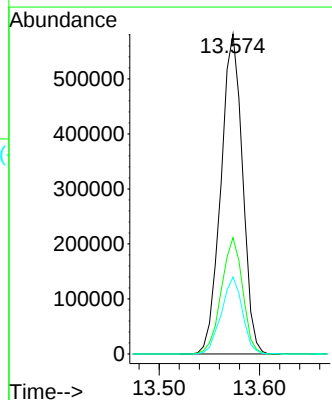
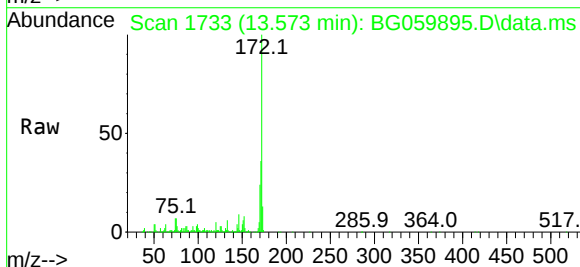
Instrument :
BNA_G
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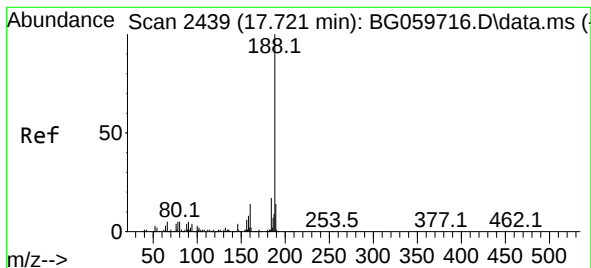
Tgt Ion:330 Resp: 200312
Ion Ratio Lower Upper
330 100
332 94.2 73.3 109.9
141 61.1 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 114.776 ng
RT: 13.573 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BG059895.D
Acq: 25 Nov 2023 17:20

Tgt Ion:172 Resp: 868814
Ion Ratio Lower Upper
172 100
171 36.3 27.7 41.5
170 24.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.698 min Scan# 2435

Delta R.T. -0.011 min

Lab File: BG059895.D

Acq: 25 Nov 2023 17:20

Instrument :

BNA_G

ClientSampleId :

TP-1

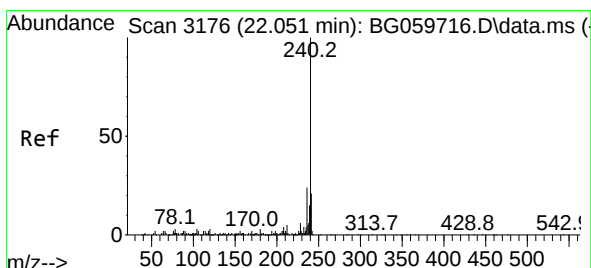
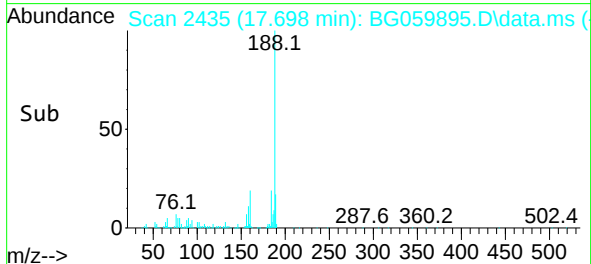
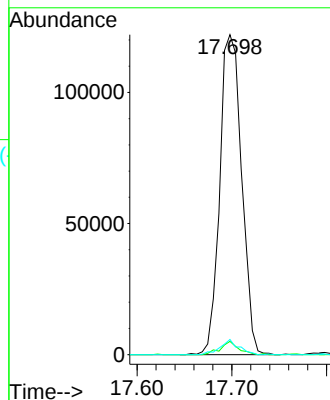
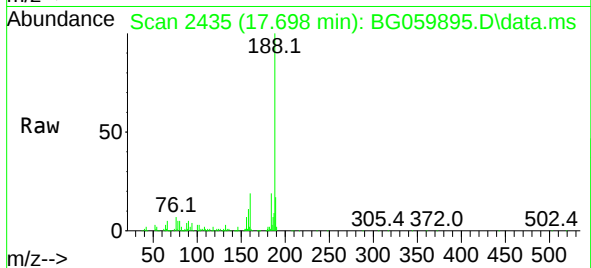
Tgt Ion:188 Resp: 195823

Ion Ratio Lower Upper

188 100

94 4.1 3.0 4.4

80 4.8 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.022 min Scan# 3171

Delta R.T. -0.011 min

Lab File: BG059895.D

Acq: 25 Nov 2023 17:20

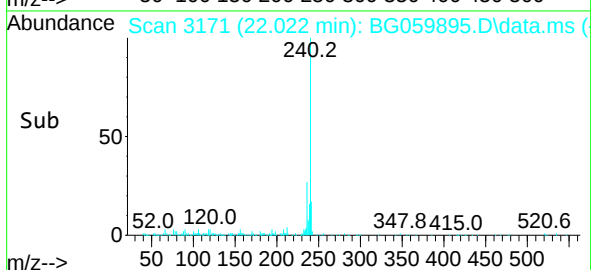
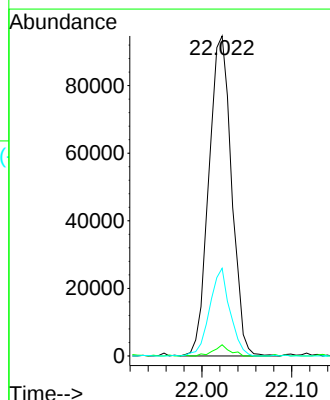
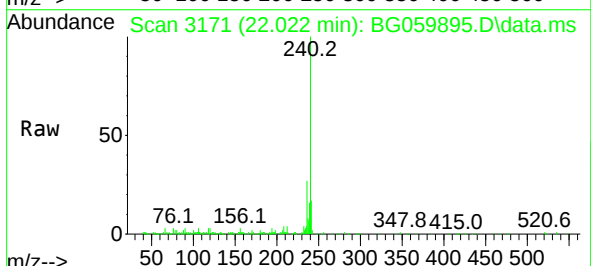
Tgt Ion:240 Resp: 166268

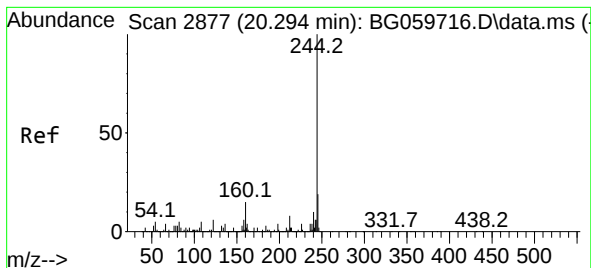
Ion Ratio Lower Upper

240 100

120 3.5 2.2 3.2#

236 27.4 19.4 29.2





#79

Terphenyl-d14

Concen: 111.338 ng

RT: 20.277 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG059895.D

Acq: 25 Nov 2023 17:20

Instrument :

BNA_G

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TP-1

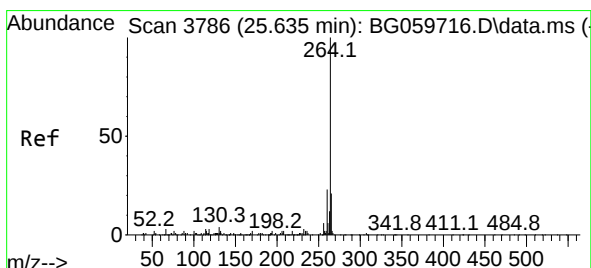
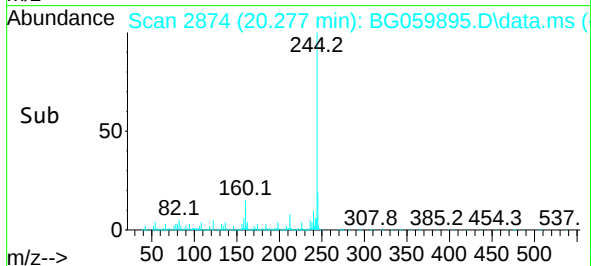
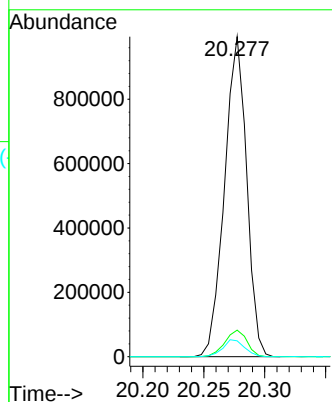
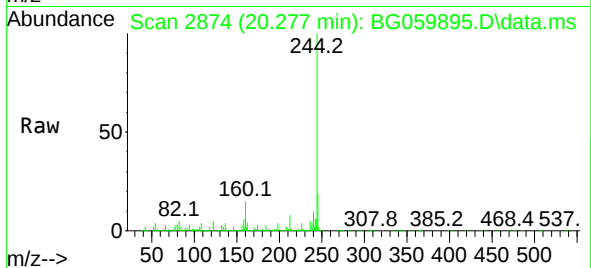
Tgt Ion:244 Resp: 1253991

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

122 5.0 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.589 min Scan# 3778

Delta R.T. -0.023 min

Lab File: BG059895.D

Acq: 25 Nov 2023 17:20

Tgt Ion:264 Resp: 177975

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 17.8 17.0 25.6

