

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055016.D
 Acq On : 23 Sep 2022 17:26
 Operator : CG/JU
 Sample : N4751-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1

Quant Time: Sep 24 02:28:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

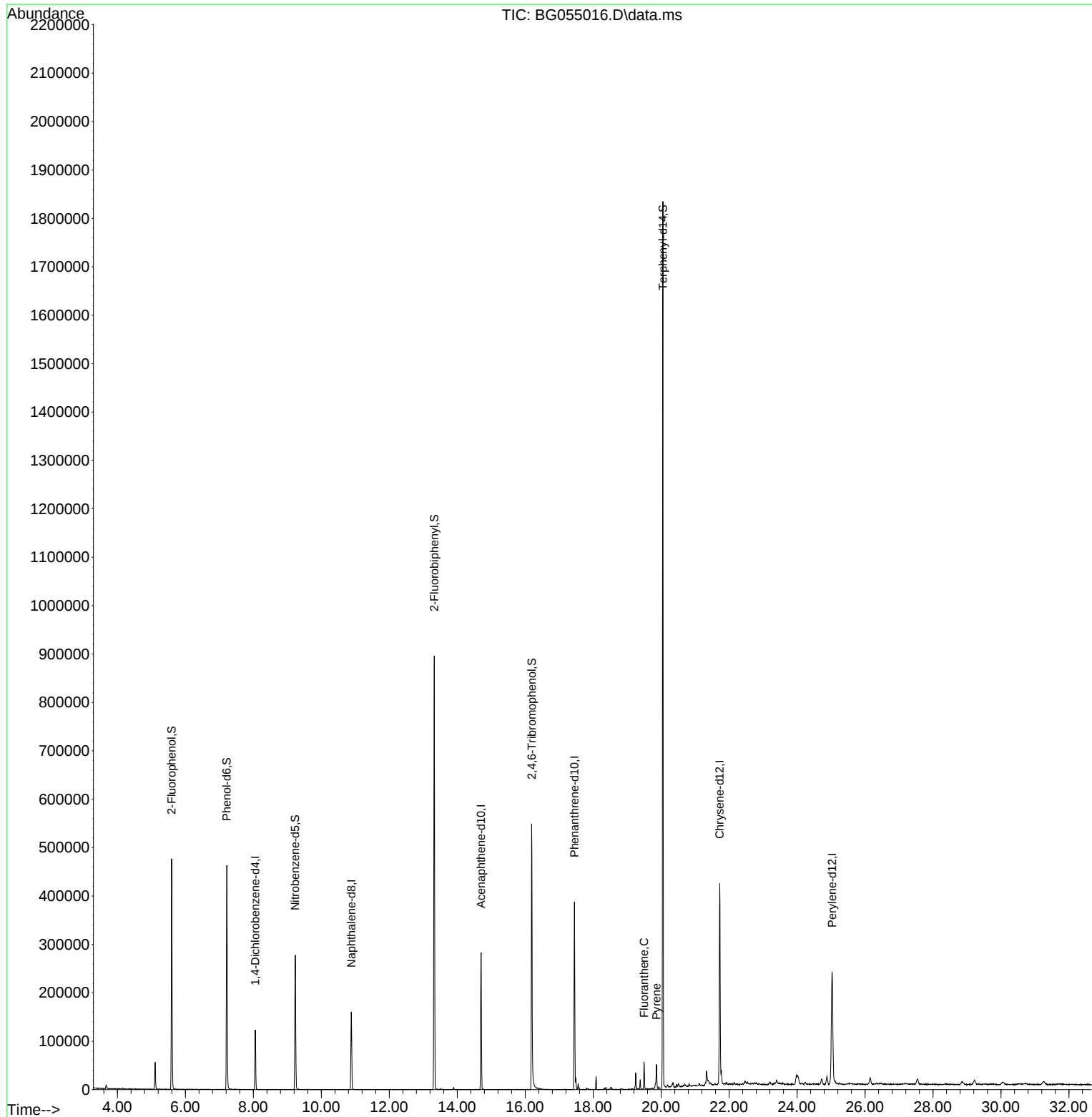
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	38948	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	153423	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	110315	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	260264	20.000	ng	# 0.00
76) Chrysene-d12	21.725	240	259981	20.000	ng	0.00
86) Perylene-d12	25.033	264	273641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.597	112	239358	120.249	ng	0.00
7) Phenol-d6	7.219	99	312909	117.281	ng	0.00
23) Nitrobenzene-d5	9.234	82	178948	67.605	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	145572	112.642	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	501460	71.639	ng	0.00
79) Terphenyl-d14	20.051	244	927927	74.661	ng	0.00
Target Compounds						
75) Fluoranthene	19.498	202	38578	2.298	ng	95
78) Pyrene	19.863	202	34329	2.009	ng	96

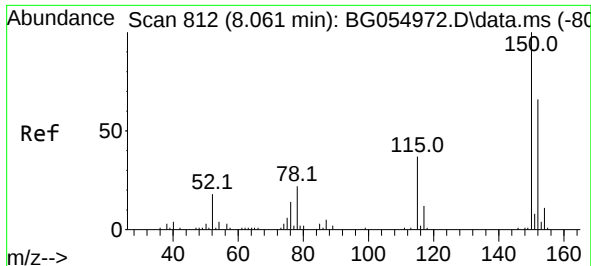
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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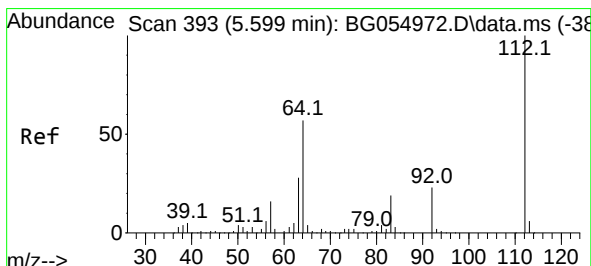
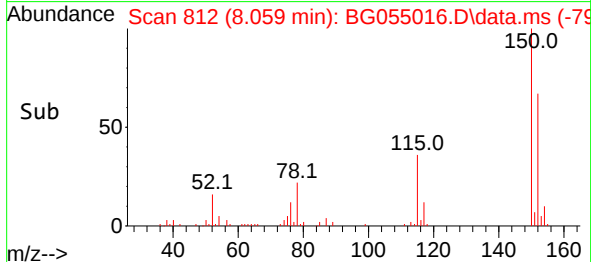
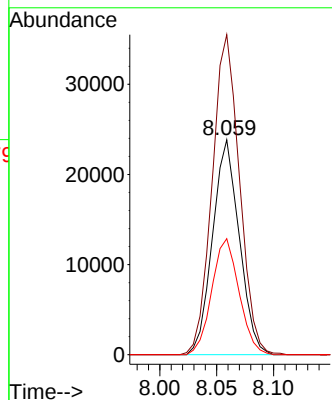
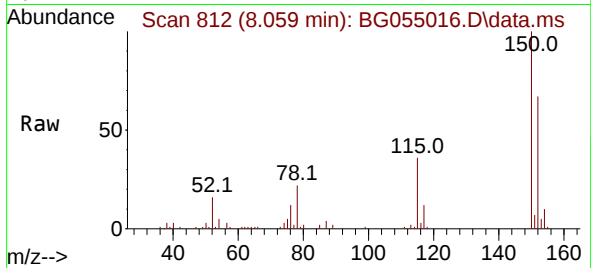




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

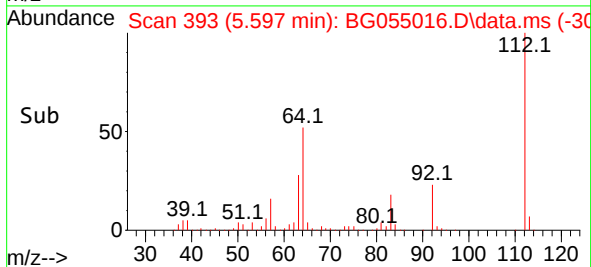
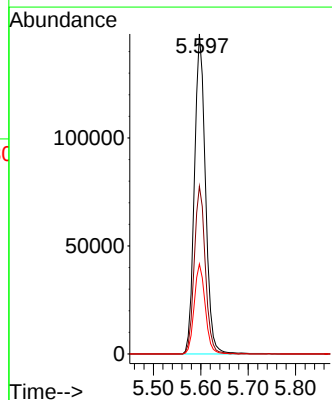
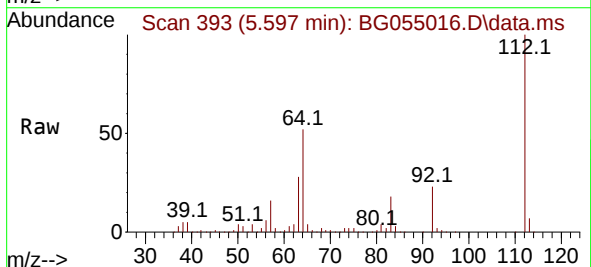
Instrument :
BNA_G
ClientSampleId :
PE-1

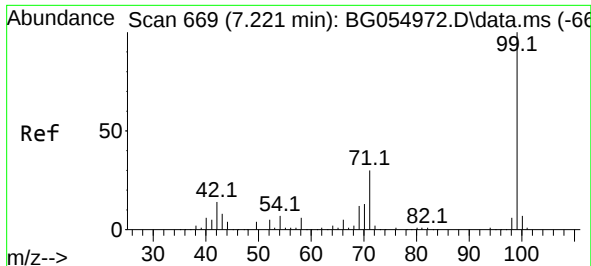
Tgt Ion:152 Resp: 38948
Ion Ratio Lower Upper
152 100
150 149.0 125.2 187.8
115 54.0 47.9 71.9



#5
2-Fluorophenol
Concen: 120.249 ng
RT: 5.597 min Scan# 393
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

Tgt Ion:112 Resp: 239358
Ion Ratio Lower Upper
112 100
64 52.4 49.3 73.9
63 28.1 26.3 39.5

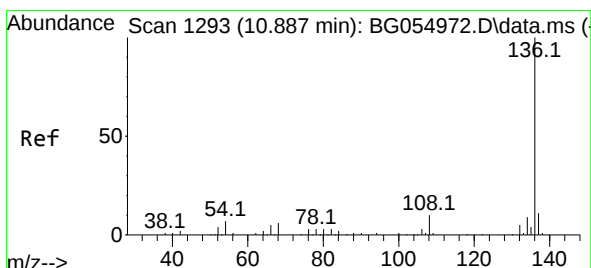
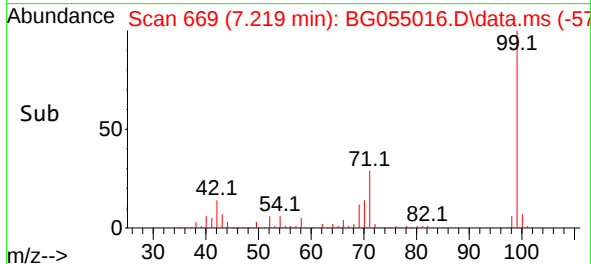
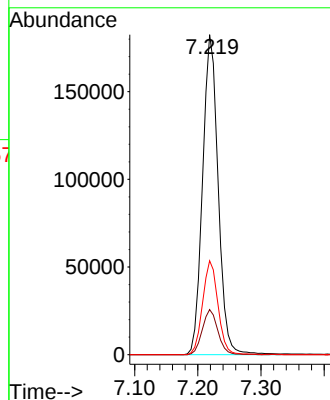
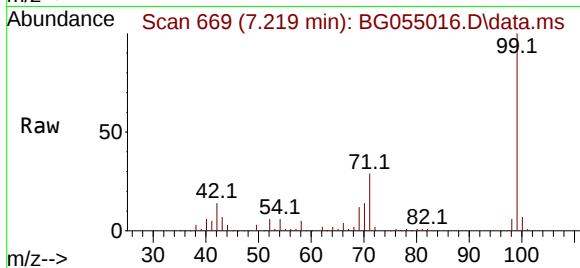




#7
Phenol-d6
Concen: 117.281 ng
RT: 7.219 min Scan# 669
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

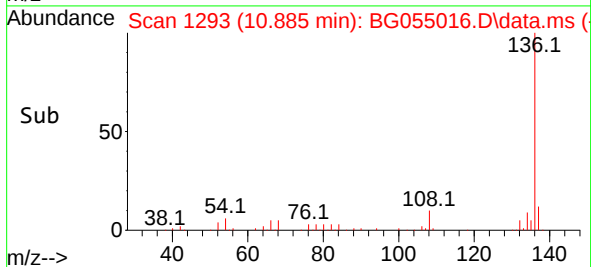
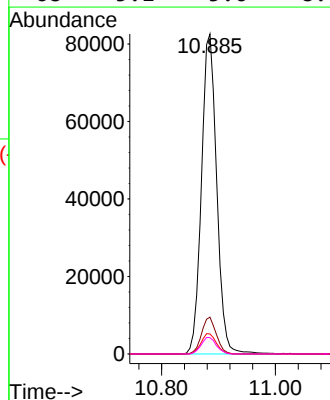
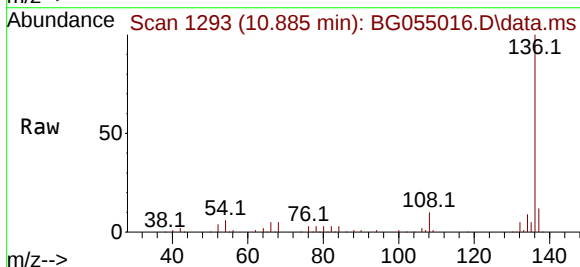
Instrument :
BNA_G
ClientSampleId :
PE-1

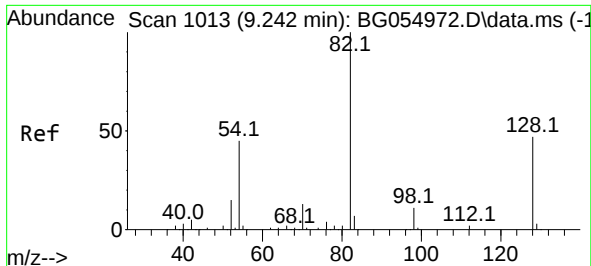
Tgt Ion: 99 Resp: 312909
Ion Ratio Lower Upper
99 100
42 14.1 14.6 22.0#
71 29.3 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1293
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

Tgt Ion: 136 Resp: 153423
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 6.2 7.7 11.5#
68 5.1 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 67.605 ng

RT: 9.234 min Scan# 1013

Delta R.T. -0.008 min

Lab File: BG055016.D

Acq: 23 Sep 2022 17:26

Instrument :

BNA_G

ClientSampleId :

PE-1

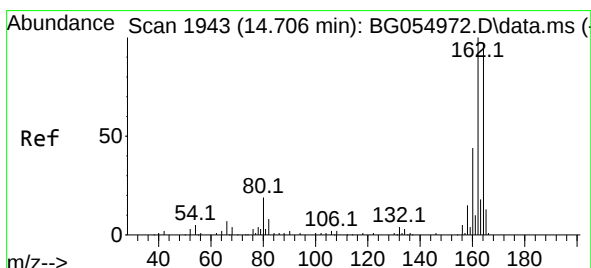
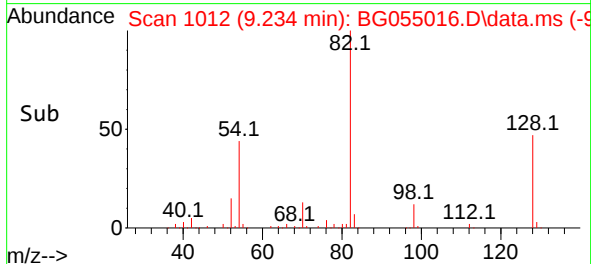
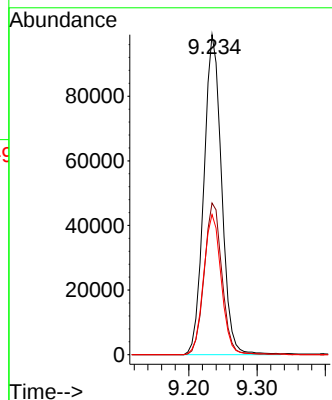
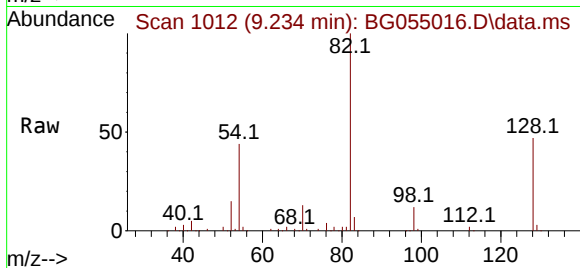
Tgt Ion: 82 Resp: 178948

Ion Ratio Lower Upper

82 100

128 47.4 32.2 48.2

54 43.8 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1943

Delta R.T. -0.002 min

Lab File: BG055016.D

Acq: 23 Sep 2022 17:26

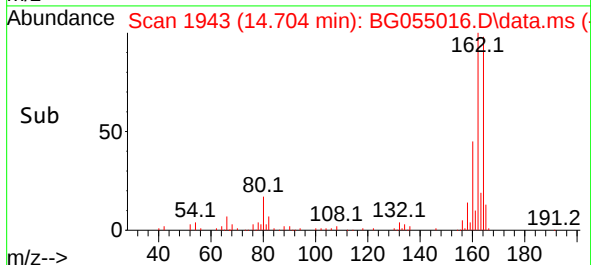
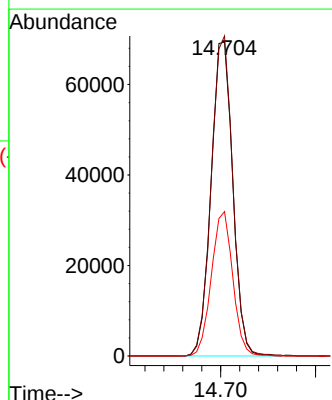
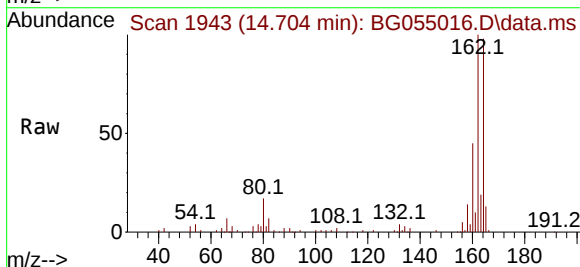
Tgt Ion:164 Resp: 110315

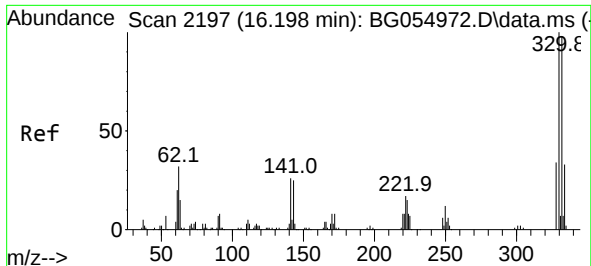
Ion Ratio Lower Upper

164 100

162 102.0 83.0 124.4

160 46.0 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 112.642 ng

RT: 16.190 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG055016.D

Acq: 23 Sep 2022 17:26

Instrument :

BNA_G

ClientSampleId :

PE-1

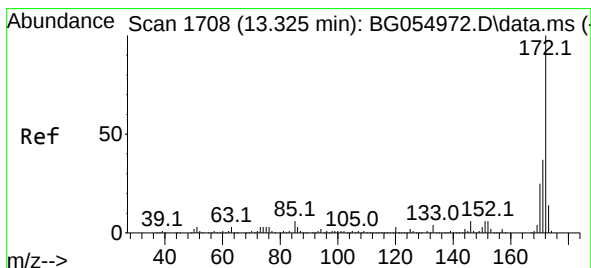
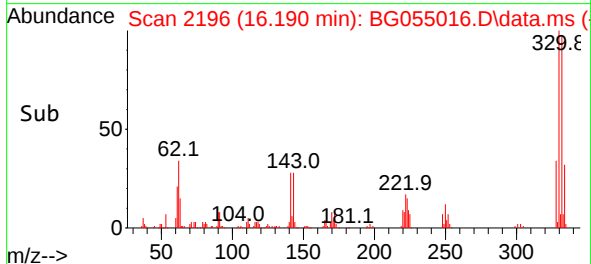
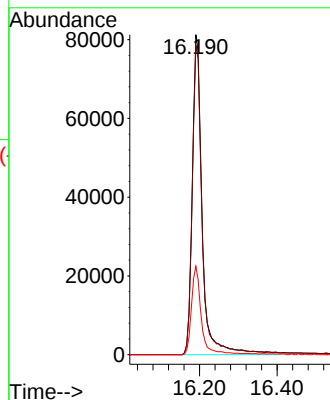
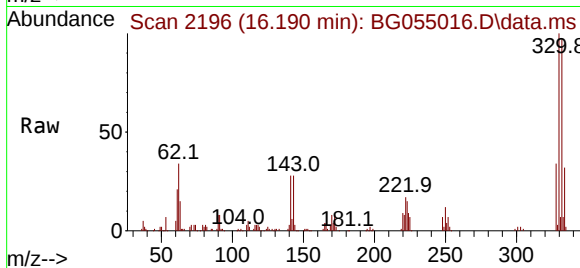
Tgt Ion:330 Resp: 145572

Ion Ratio Lower Upper

330 100

332 93.9 79.8 119.6

141 27.0 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 71.639 ng

RT: 13.323 min Scan# 1708

Delta R.T. -0.002 min

Lab File: BG055016.D

Acq: 23 Sep 2022 17:26

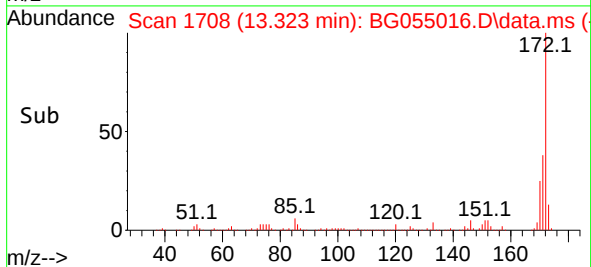
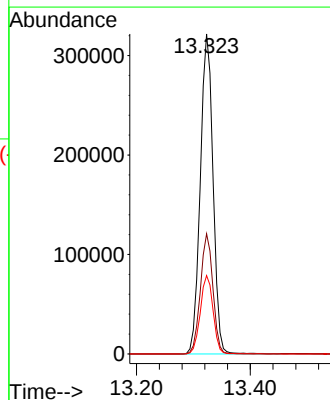
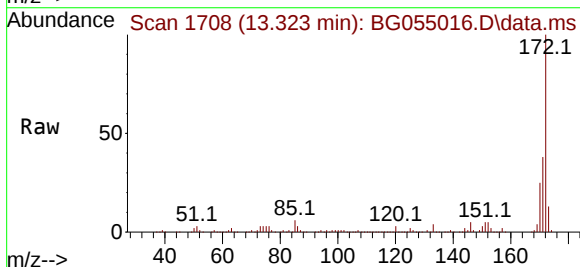
Tgt Ion:172 Resp: 501460

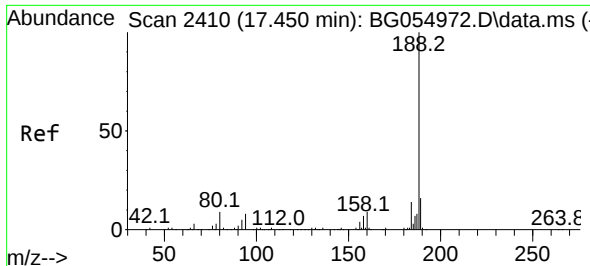
Ion Ratio Lower Upper

172 100

171 37.6 31.2 46.8

170 24.5 20.6 30.8

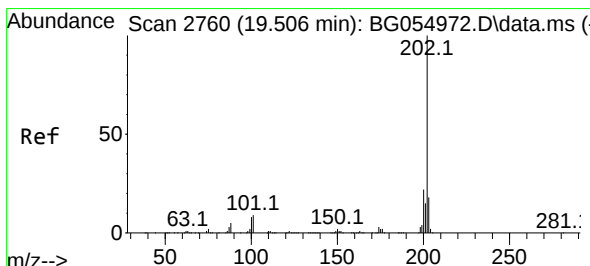
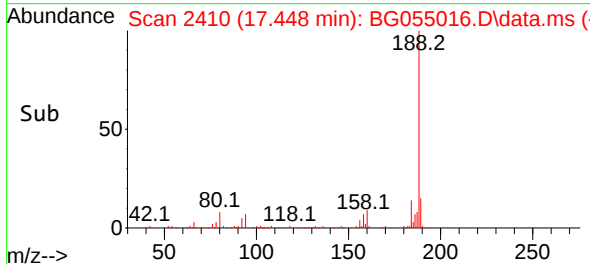
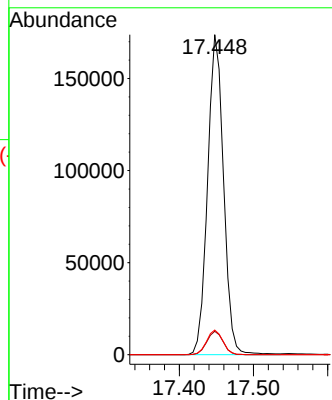
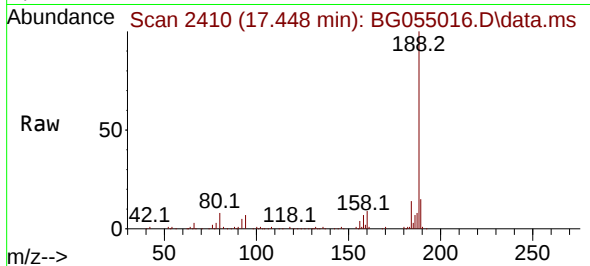




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

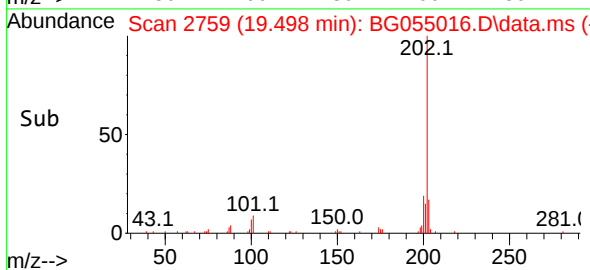
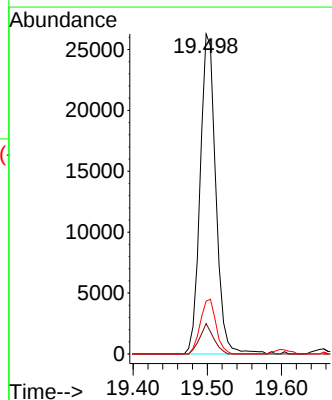
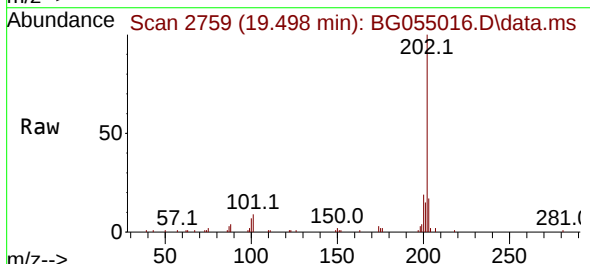
Instrument :
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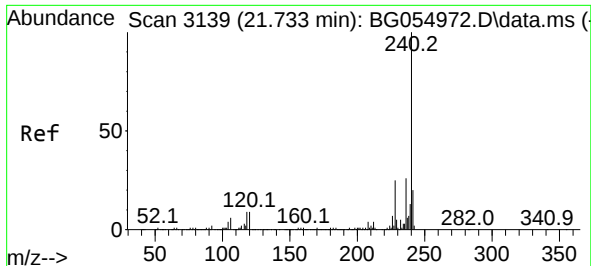
Tgt Ion:188 Resp: 260264
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 7.7 7.9 11.9#



#75
Fluoranthene
Concen: 2.298 ng
RT: 19.498 min Scan# 2759
Delta R.T. -0.008 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

Tgt Ion:202 Resp: 38578
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.4
203 16.5 0.0 38.6

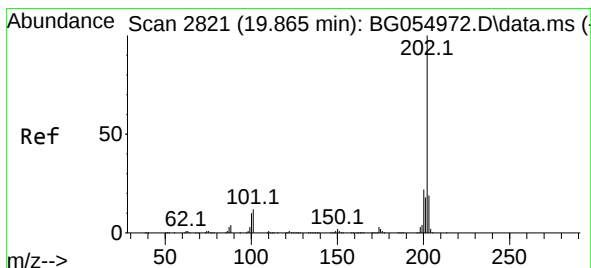
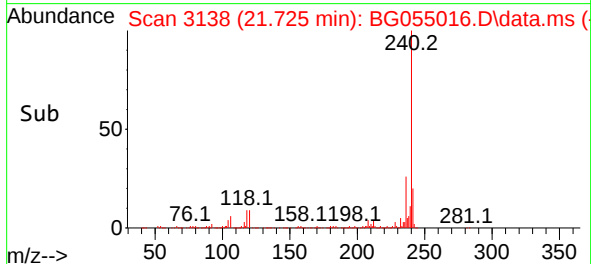
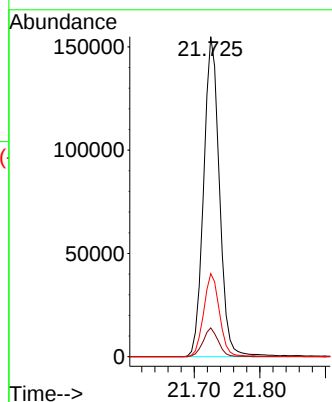
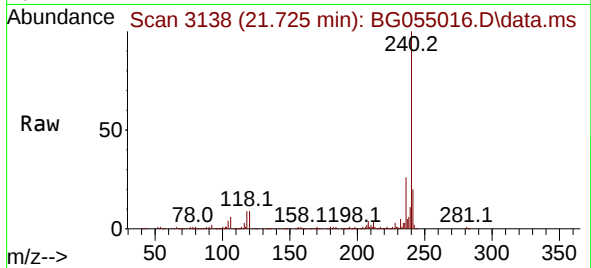




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

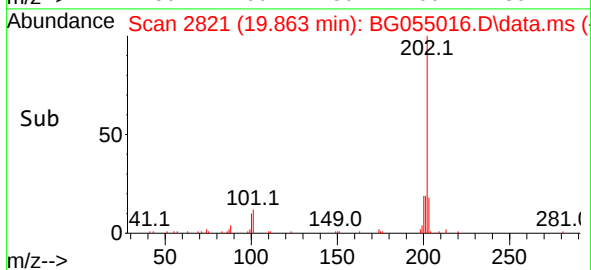
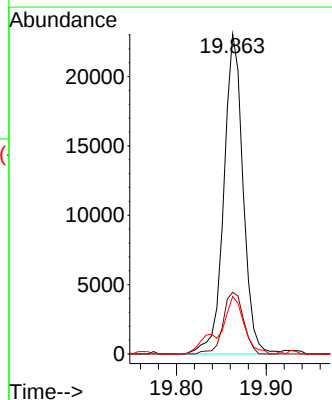
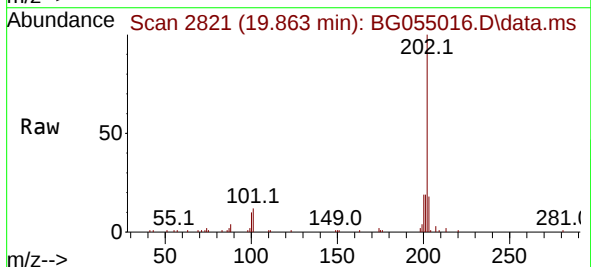
Instrument :
BNA_G
ClientSampleId :
PE-1

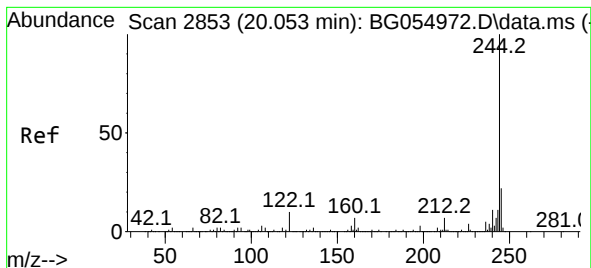
Tgt Ion:240 Resp: 259981
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.0 21.2 31.8



#78
Pyrene
Concen: 2.009 ng
RT: 19.863 min Scan# 2821
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

Tgt Ion:202 Resp: 34329
Ion Ratio Lower Upper
202 100
200 19.3 17.8 26.6
203 17.9 14.6 21.8





#79

Terphenyl-d14

Concen: 74.661 ng

RT: 20.051 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG055016.D

Acq: 23 Sep 2022 17:26

Instrument :

BNA_G

ClientSampleId :

PE-1

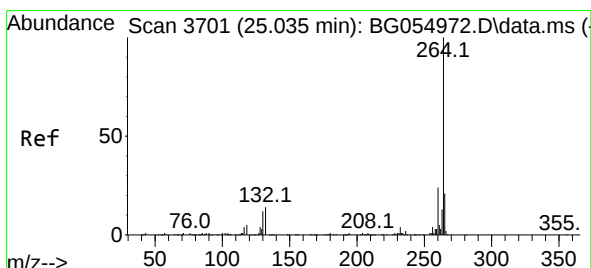
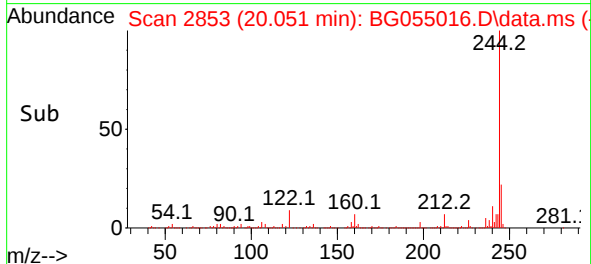
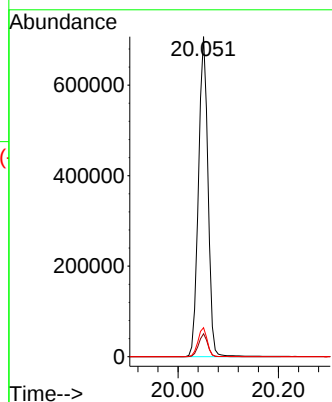
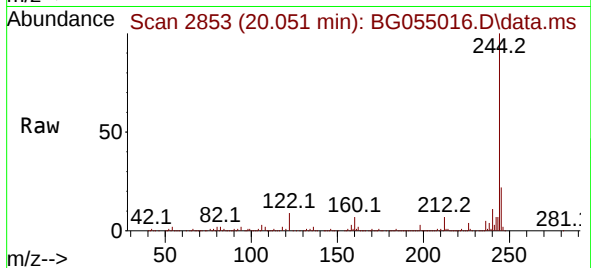
Tgt Ion:244 Resp: 927927

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 9.0 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.033 min Scan# 3701

Delta R.T. -0.002 min

Lab File: BG055016.D

Acq: 23 Sep 2022 17:26

Tgt Ion:264 Resp: 273641

Ion Ratio Lower Upper

264 100

260 23.7 19.9 29.9

265 21.5 16.9 25.3

