

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055104.D
 Acq On : 7 Oct 2022 18:19
 Operator : CG/JU
 Sample : N5031-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5869-4

Quant Time: Oct 08 03:10:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	22472	20.000	ng	0.00
21) Naphthalene-d8	11.162	136	93371	20.000	ng	# 0.00
39) Acenaphthene-d10	14.940	164	70887	20.000	ng	0.00
64) Phenanthrene-d10	17.672	188	195899	20.000	ng	0.00
76) Chrysene-d12	21.961	240	200149	20.000	ng	0.00
86) Perylene-d12	25.410	264	214239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.851	112	83459	82.491	ng	0.00
7) Phenol-d6	7.461	99	67897	44.790	ng	0.00
23) Nitrobenzene-d5	9.505	82	181832	116.366	ng	0.00
42) 2,4,6-Tribromophenol	16.415	330	180266	239.159	ng	0.00
45) 2-Fluorobiphenyl	13.571	172	453497	99.872	ng	0.00
79) Terphenyl-d14	20.246	244	777277	78.493	ng	0.00

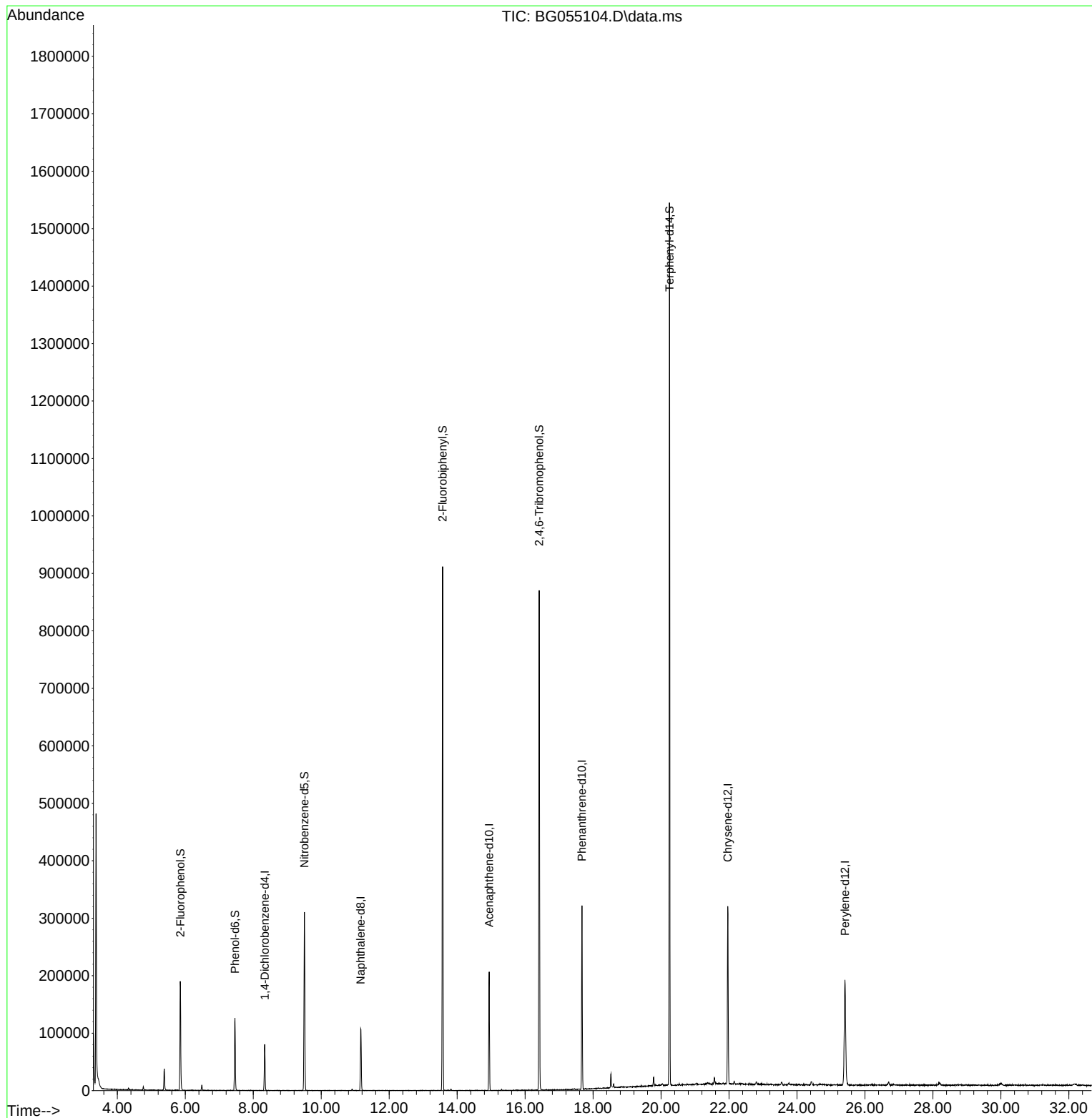
Target Compounds	Qvalue

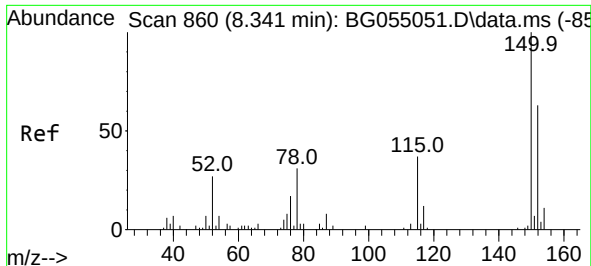
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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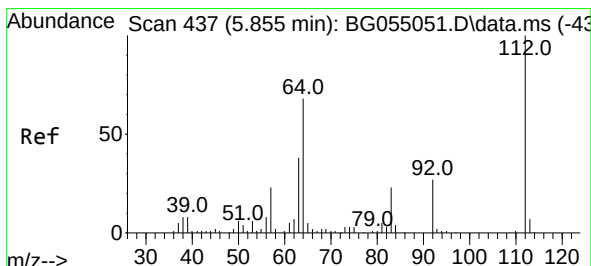
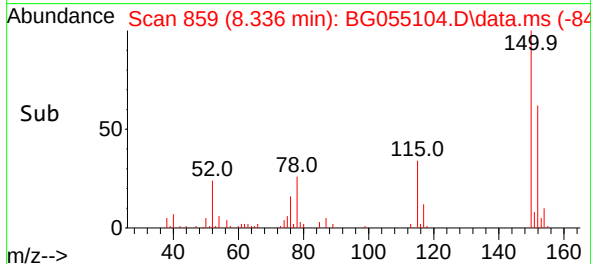
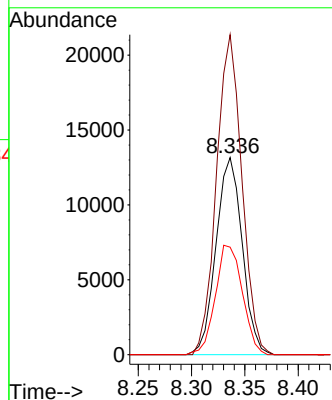
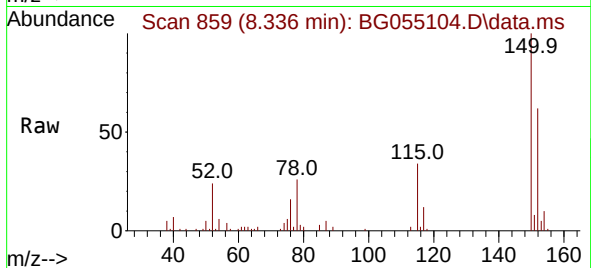




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG055104.D
Acq: 7 Oct 2022 18:19

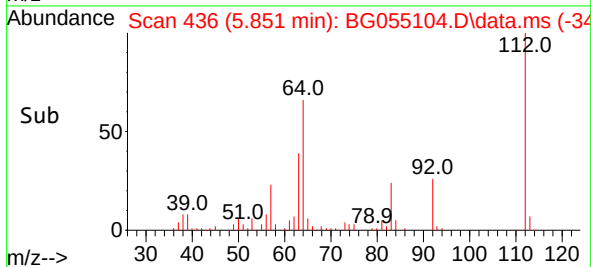
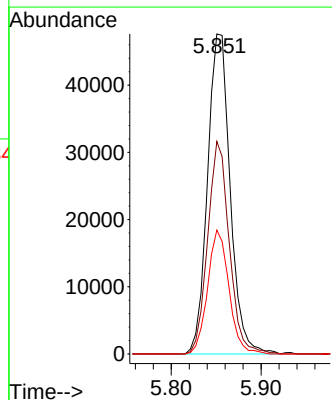
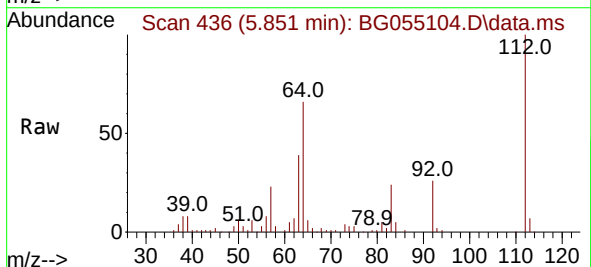
Instrument :
BNA_G
ClientSampleId :
5869-4

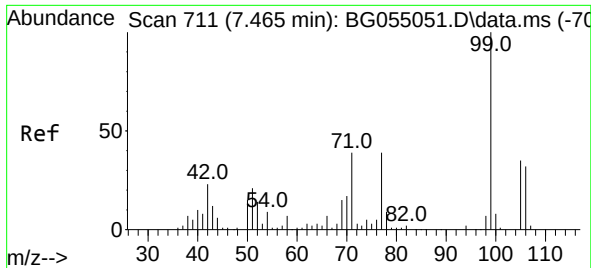
Tgt Ion:152 Resp: 22472
Ion Ratio Lower Upper
152 100
150 162.3 128.0 192.0
115 54.6 47.7 71.5



#5
2-Fluorophenol
Concen: 82.491 ng
RT: 5.851 min Scan# 436
Delta R.T. -0.002 min
Lab File: BG055104.D
Acq: 7 Oct 2022 18:19

Tgt Ion:112 Resp: 83459
Ion Ratio Lower Upper
112 100
64 66.4 54.5 81.7
63 38.7 30.5 45.7

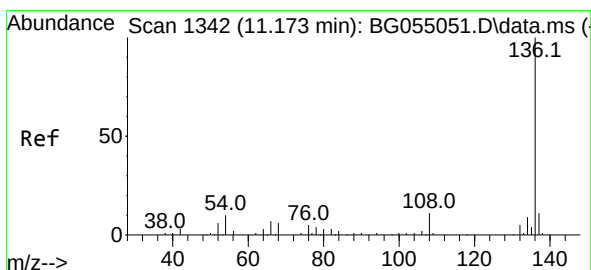
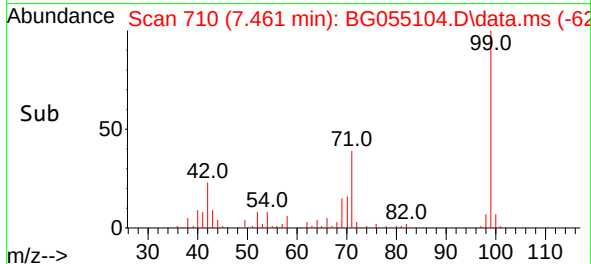
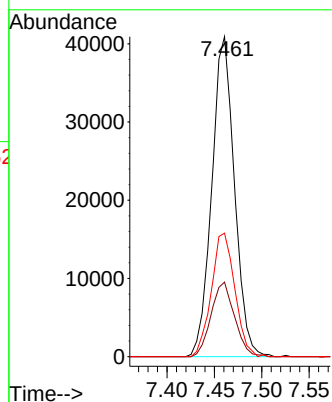
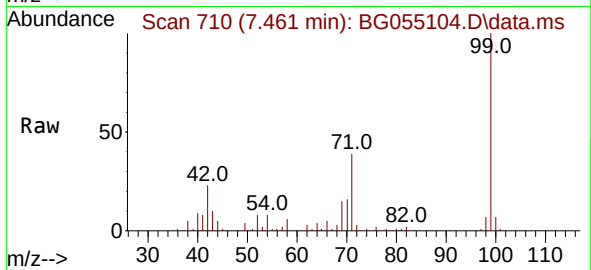




#7
Phenol-d6
Concen: 44.790 ng
RT: 7.461 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG055104.D
Acq: 7 Oct 2022 18:19

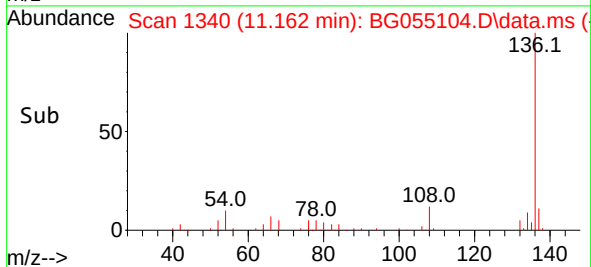
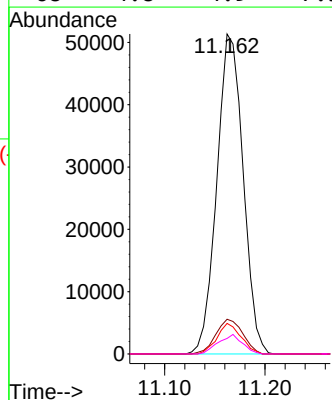
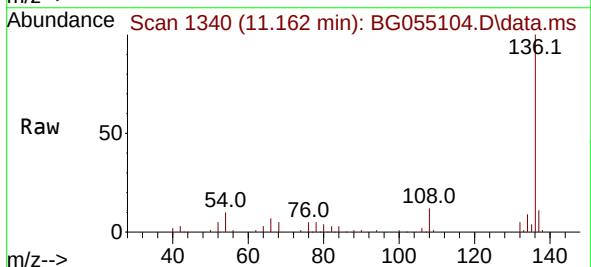
Instrument :
BNA_G
ClientSampleId :
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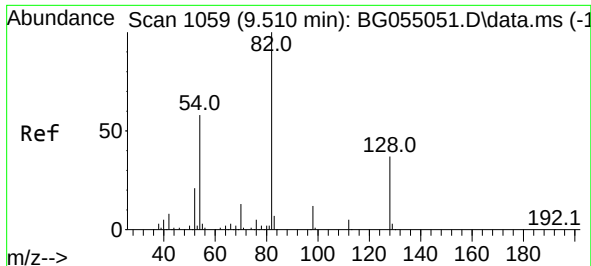
Tgt Ion: 99 Resp: 67897
Ion Ratio Lower Upper
99 100
42 23.3 18.6 28.0
71 38.6 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.162 min Scan# 1340
Delta R.T. -0.008 min
Lab File: BG055104.D
Acq: 7 Oct 2022 18:19

Tgt Ion:136 Resp: 93371
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.5 8.2 12.4
68 4.8 4.9 7.3#

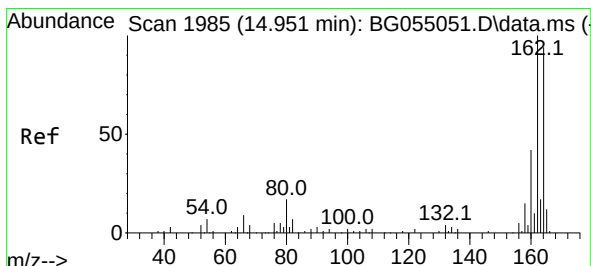
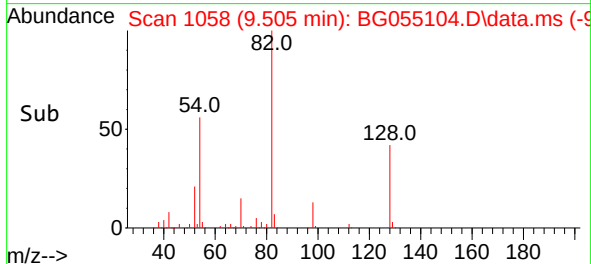
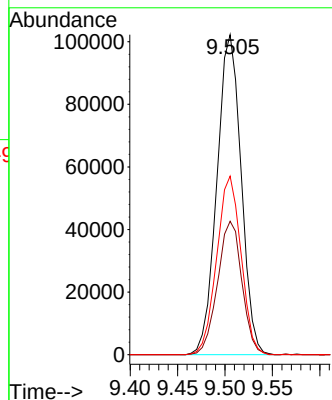
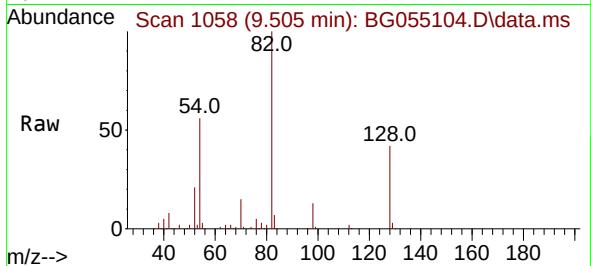




#23
Nitrobenzene-d5
Concen: 116.366 ng
RT: 9.505 min Scan# 1058
Delta R.T. -0.002 min
Lab File: BG055104.D
Acq: 7 Oct 2022 18:19

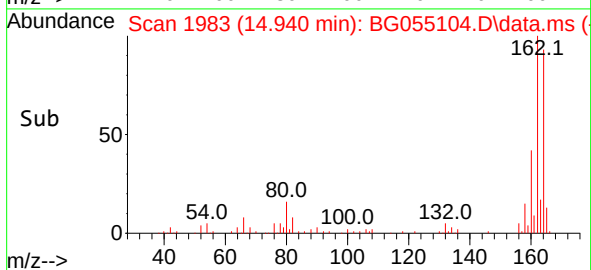
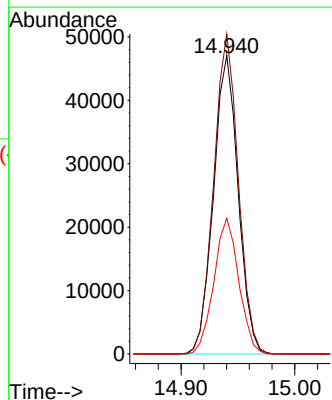
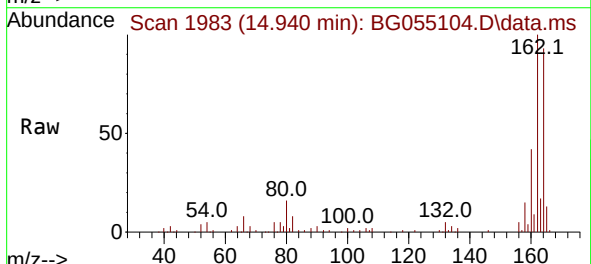
Instrument :
BNA_G
ClientSampleId :
5869-4

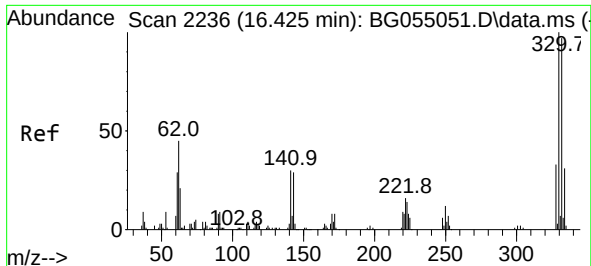
Tgt Ion: 82 Resp: 181832
Ion Ratio Lower Upper
82 100
128 41.7 29.5 44.3
54 55.8 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.940 min Scan# 1983
Delta R.T. -0.002 min
Lab File: BG055104.D
Acq: 7 Oct 2022 18:19

Tgt Ion:164 Resp: 70887
Ion Ratio Lower Upper
164 100
162 107.2 85.5 128.3
160 45.4 35.5 53.3

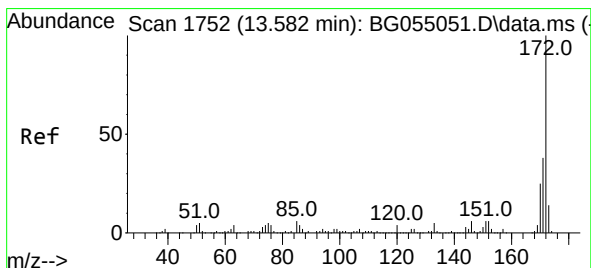
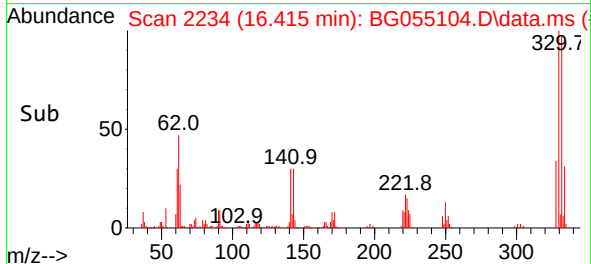
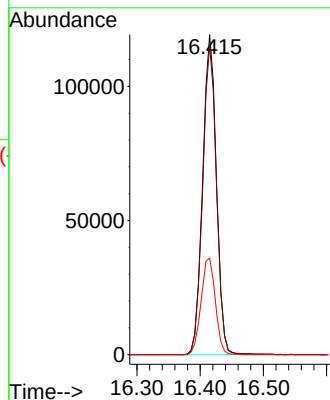
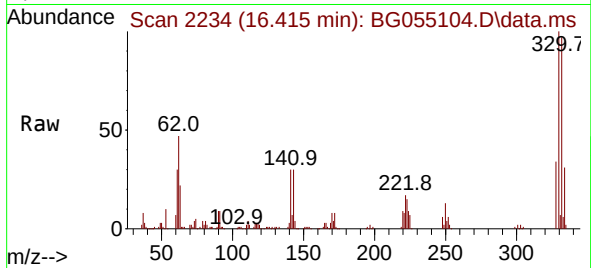




#42
2,4,6-Tribromophenol
Concen: 239.159 ng
RT: 16.415 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG055104.D
Acq: 7 Oct 2022 18:19

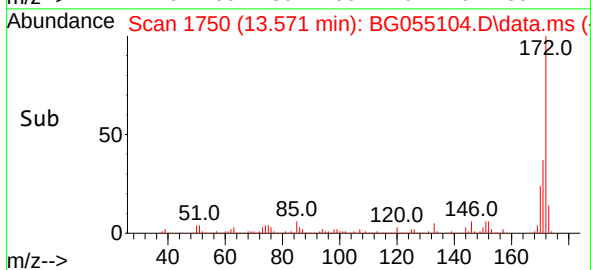
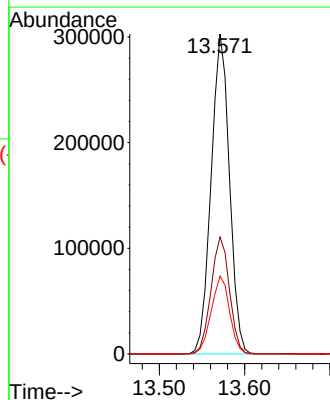
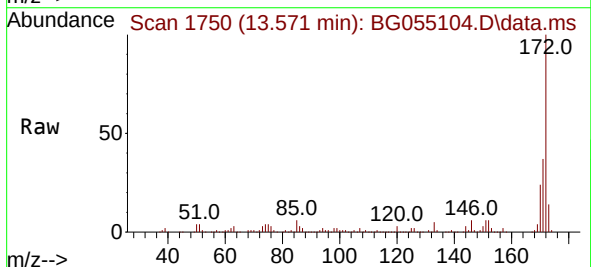
Instrument :
BNA_G
ClientSampleId :
5869-4

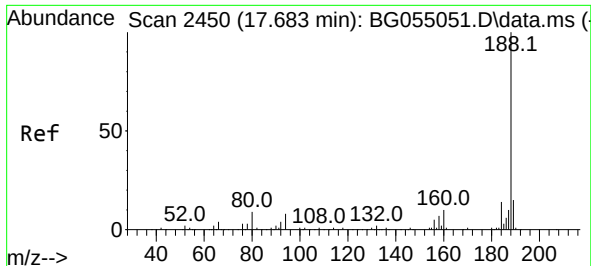
Tgt Ion:330 Resp: 180266
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 31.3 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 99.872 ng
RT: 13.571 min Scan# 1750
Delta R.T. -0.002 min
Lab File: BG055104.D
Acq: 7 Oct 2022 18:19

Tgt Ion:172 Resp: 453497
Ion Ratio Lower Upper
172 100
171 36.6 30.1 45.1
170 24.4 20.0 30.0

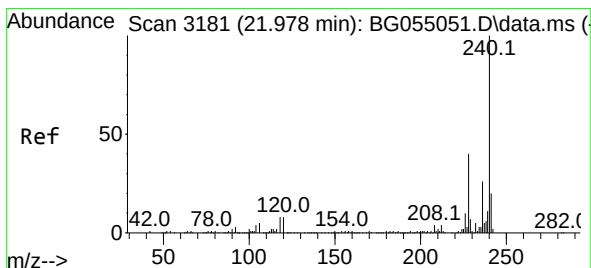
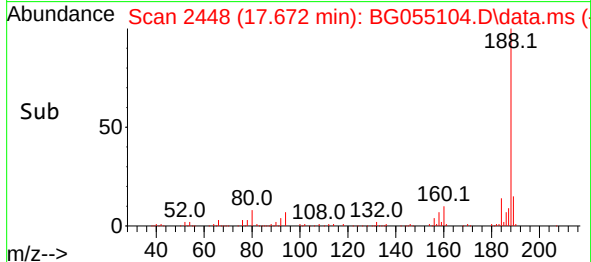
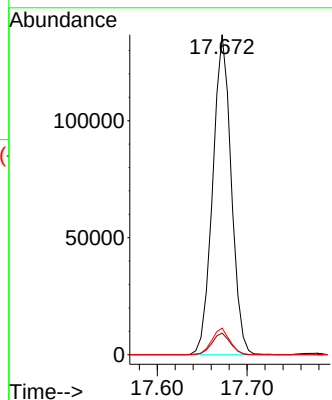
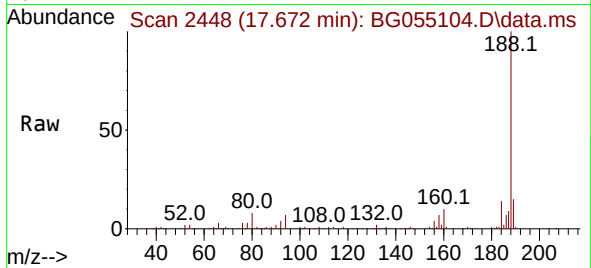




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.672 min Scan# 2450
Delta R.T. -0.002 min
Lab File: BG055104.D
Acq: 7 Oct 2022 18:19

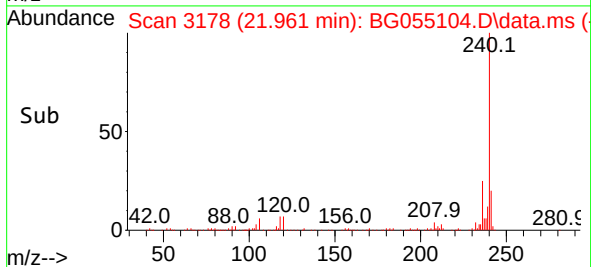
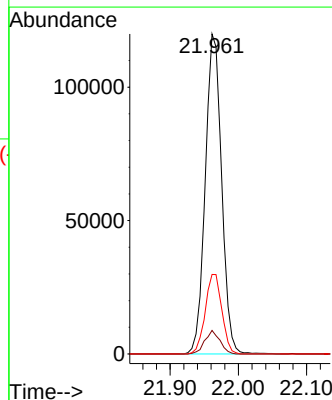
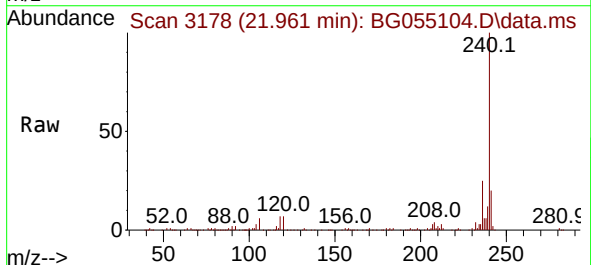
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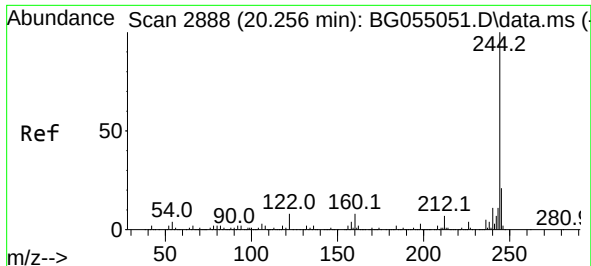
Tgt Ion:188 Resp: 195899
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.2
80 8.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.961 min Scan# 3178
Delta R.T. -0.008 min
Lab File: BG055104.D
Acq: 7 Oct 2022 18:19

Tgt Ion:240 Resp: 200149
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 24.9 20.6 30.8

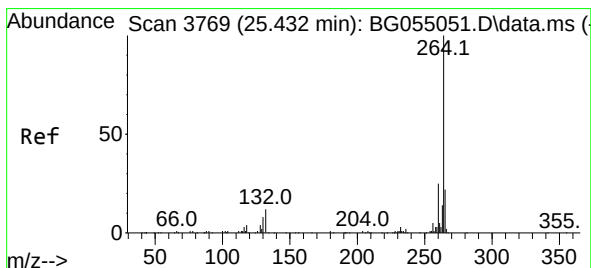
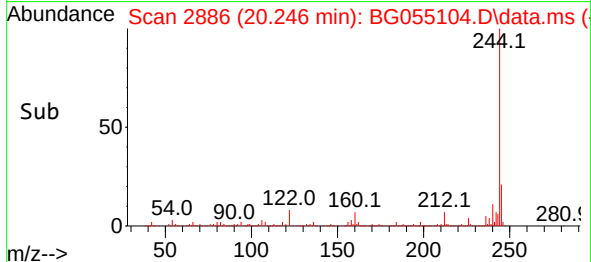
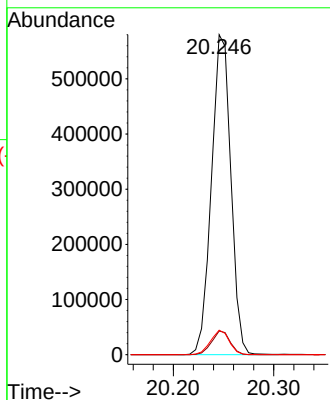
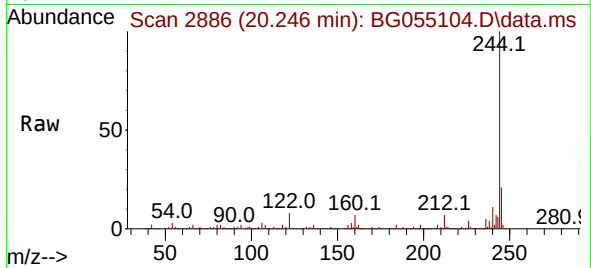




#79
 Terphenyl-d14
 Concen: 78.493 ng
 RT: 20.246 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG055104.D
 Acq: 7 Oct 2022 18:19

Instrument :
 BNA_G
 ClientSampleId :
 5869-4

Tgt Ion:244 Resp: 777277
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 7.6 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.410 min Scan# 3765
 Delta R.T. -0.008 min
 Lab File: BG055104.D
 Acq: 7 Oct 2022 18:19

Tgt Ion:264 Resp: 214239
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 22.2 17.8 26.6

