

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055963.D
 Acq On : 14 Dec 2022 17:25
 Operator : CG/JU
 Sample : N6001-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Quant Time: Dec 15 00:51:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.373	152	5291	20.000	ng	0.00
21) Naphthalene-d8	11.205	136	19776	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	18320	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	56519	20.000	ng	0.00
76) Chrysene-d12	22.022	240	65806	20.000	ng	0.00
86) Perylene-d12	25.512	264	79079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	16585	73.511	ng	0.00
7) Phenol-d6	7.492	99	13157	45.343	ng	0.00
23) Nitrobenzene-d5	9.543	82	30572	108.032	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	78606	177.942	ng	0.00
45) 2-Fluorobiphenyl	13.608	172	132150	101.167	ng	0.00
79) Terphenyl-d14	20.289	244	198780	53.388	ng	0.00

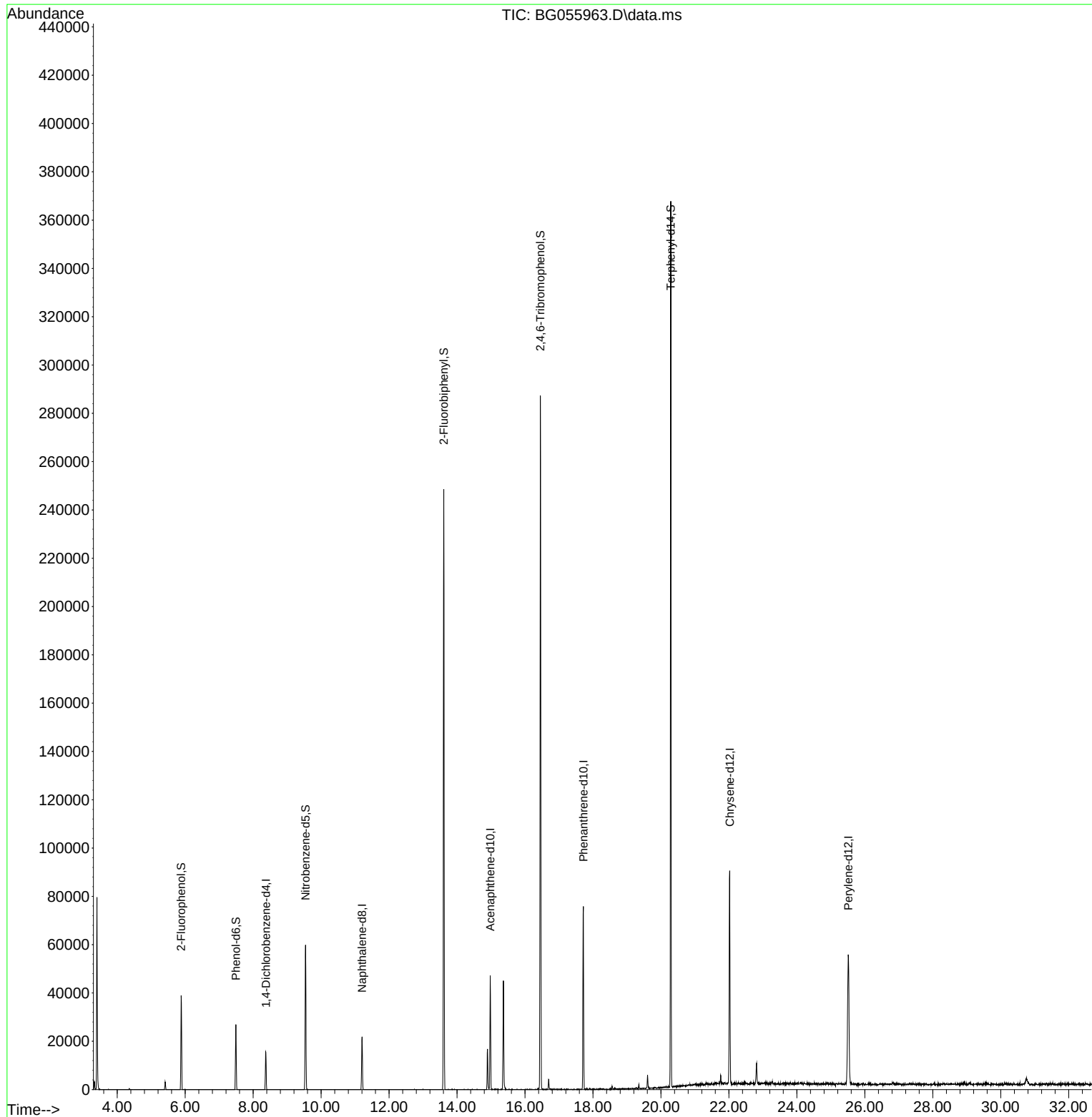
Target Compounds	Qvalue

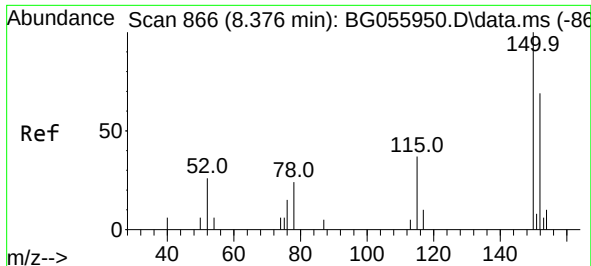
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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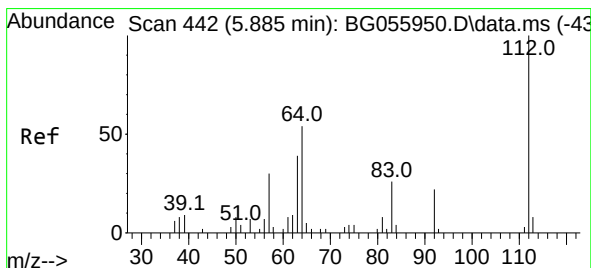
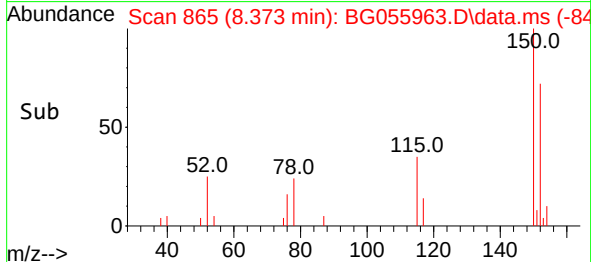
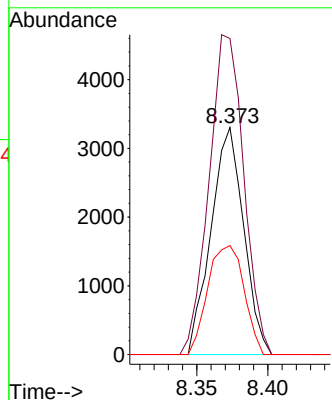
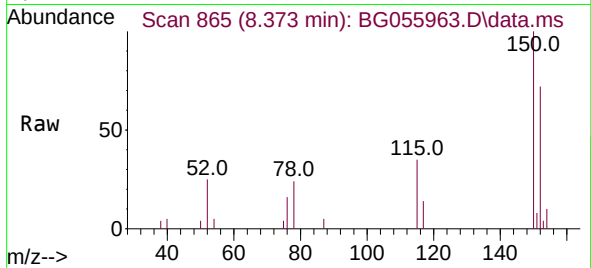




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.373 min Scan# 866
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

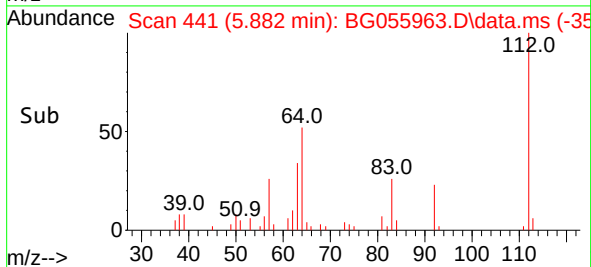
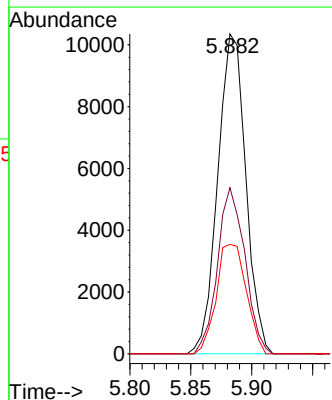
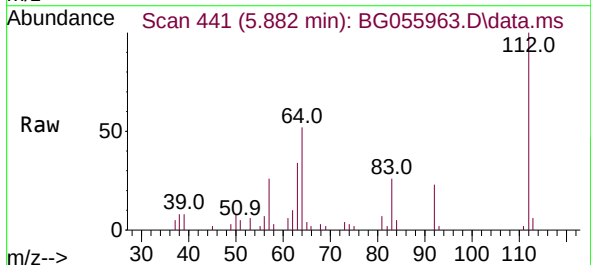
Instrument :
BNA_G
ClientSampleId :
MW-15

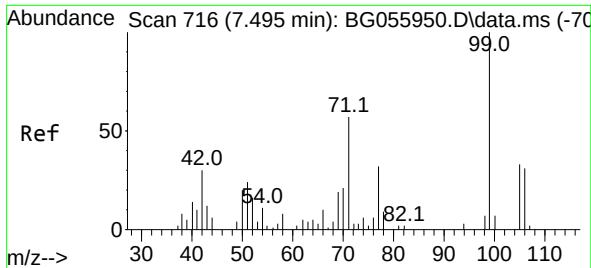
Tgt Ion:152 Resp: 5291
Ion Ratio Lower Upper
152 100
150 139.1 115.7 173.5
115 48.0 43.0 64.4



#5
2-Fluorophenol
Concen: 73.511 ng
RT: 5.882 min Scan# 441
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

Tgt Ion:112 Resp: 16585
Ion Ratio Lower Upper
112 100
64 51.9 43.0 64.4
63 34.2 31.4 47.2

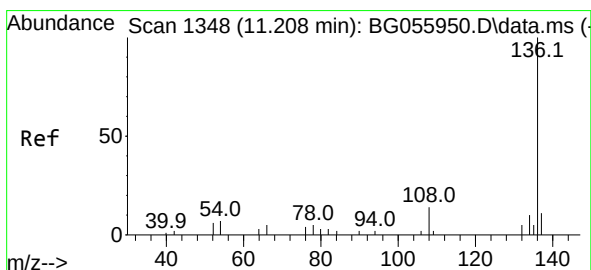
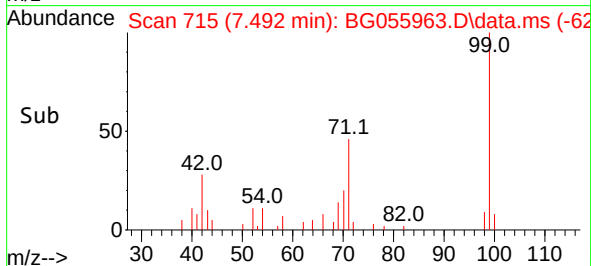
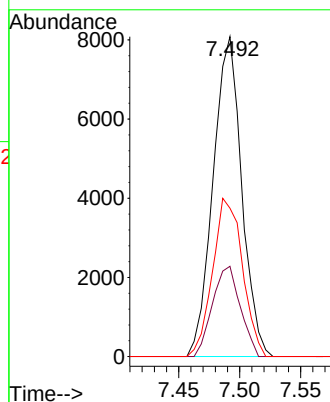
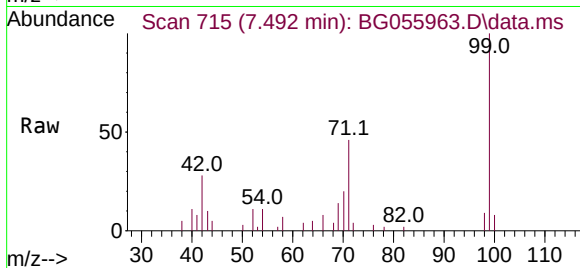




#7
Phenol-d6
Concen: 45.343 ng
RT: 7.492 min Scan# 716
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

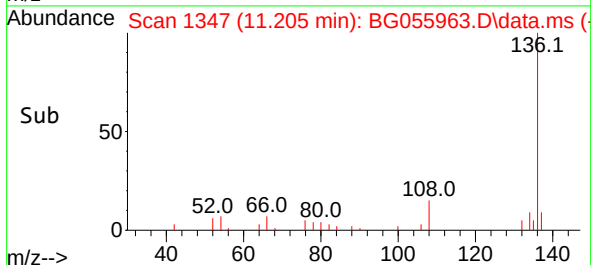
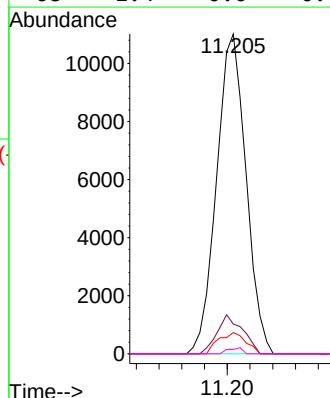
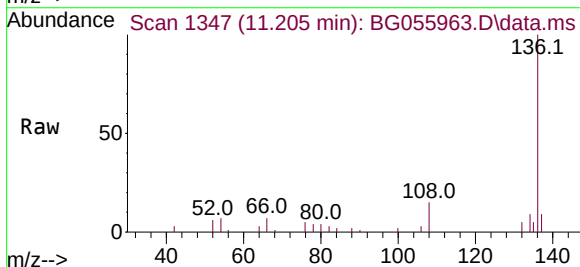
Instrument :
BNA_G
ClientSampleId :
MW-15

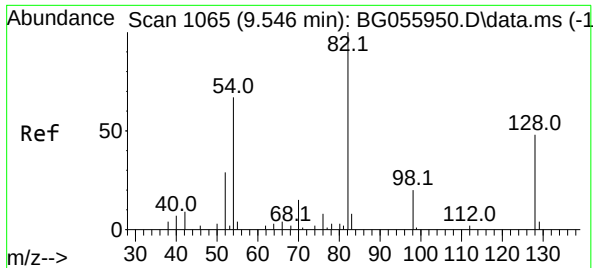
Tgt Ion: 99 Resp: 13157
Ion Ratio Lower Upper
99 100
42 28.2 24.3 36.5
71 46.4 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.205 min Scan# 1347
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

Tgt Ion: 136 Resp: 19776
Ion Ratio Lower Upper
136 100
137 9.3 9.2 13.8
54 6.7 5.6 8.4
68 1.4 0.0 0.0

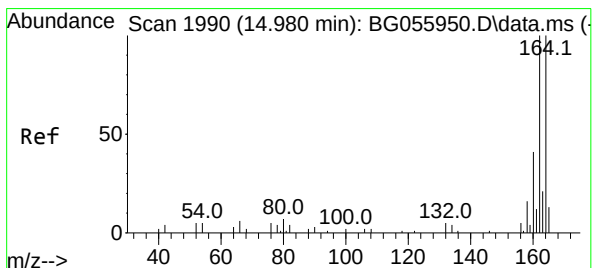
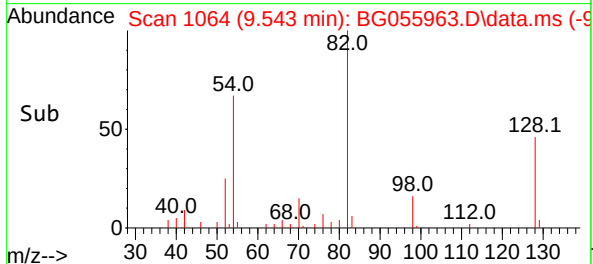
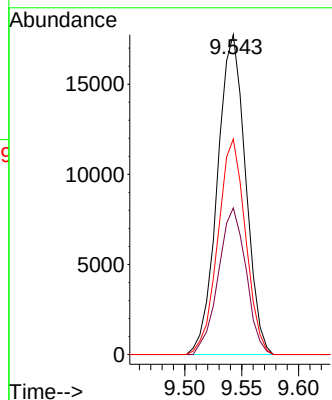
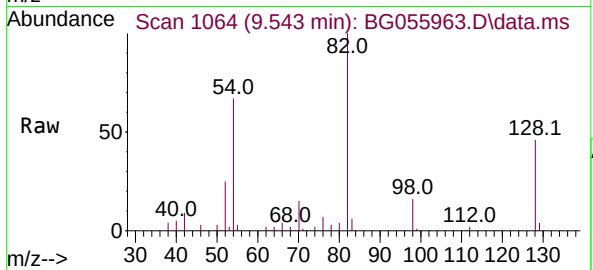




#23
Nitrobenzene-d5
Concen: 108.032 ng
RT: 9.543 min Scan# 1064
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

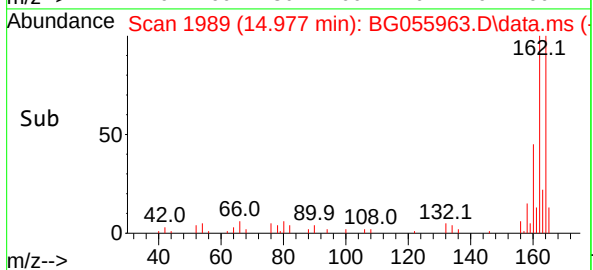
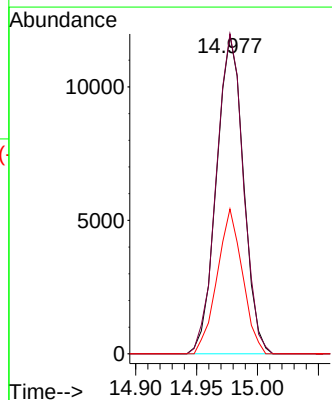
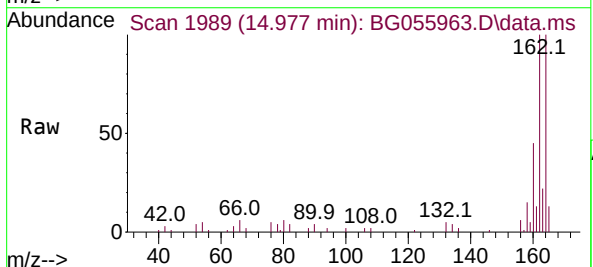
Instrument :
BNA_G
ClientSampleId :
MW-15

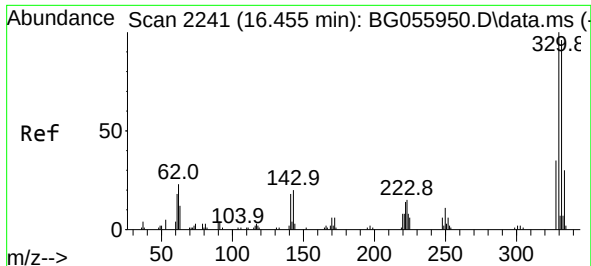
Tgt Ion: 82 Resp: 30572
Ion Ratio Lower Upper
82 100
128 45.8 38.4 57.6
54 67.4 53.3 79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.977 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

Tgt Ion: 164 Resp: 18320
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 45.5 33.0 49.4

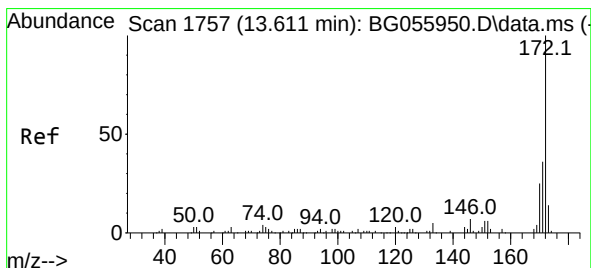
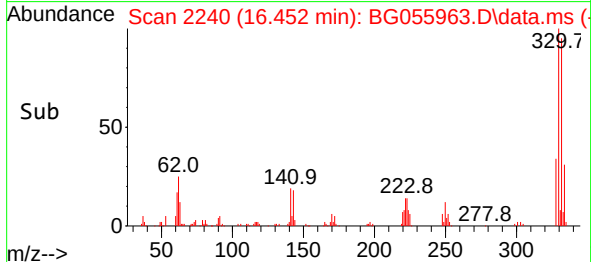
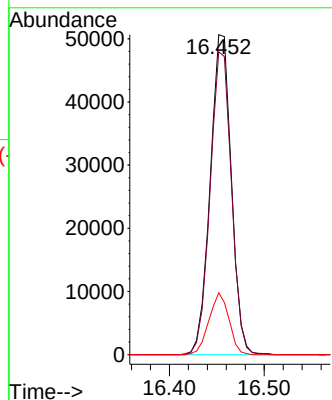
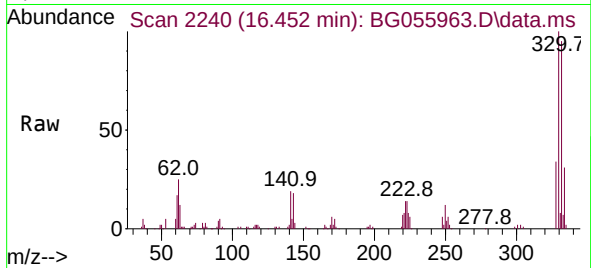




#42
2,4,6-Tribromophenol
Concen: 177.942 ng
RT: 16.452 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

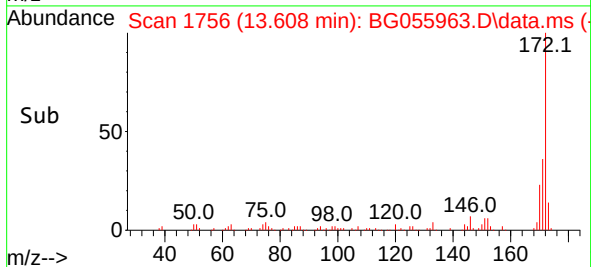
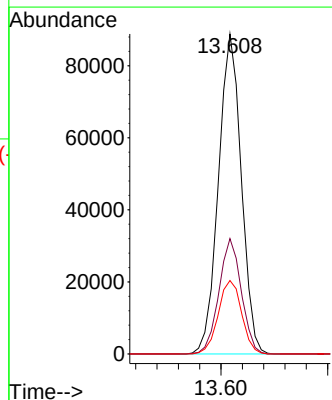
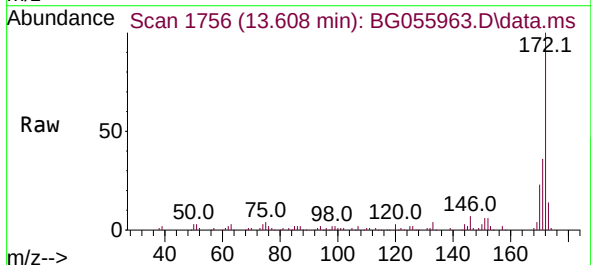
Instrument :
BNA_G
ClientSampleId :
MW-15

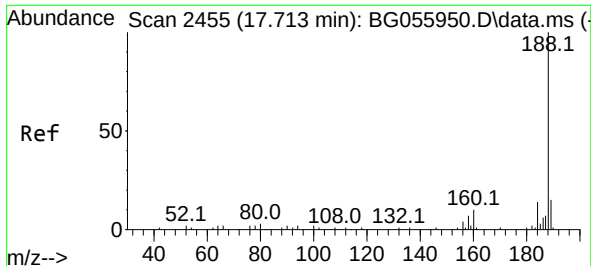
Tgt Ion:330 Resp: 78606
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 18.2 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 101.167 ng
RT: 13.608 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

Tgt Ion:172 Resp: 132150
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 22.9 19.9 29.9

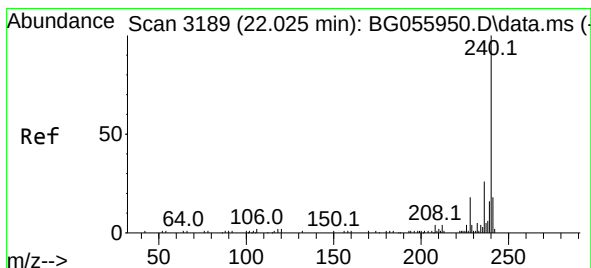
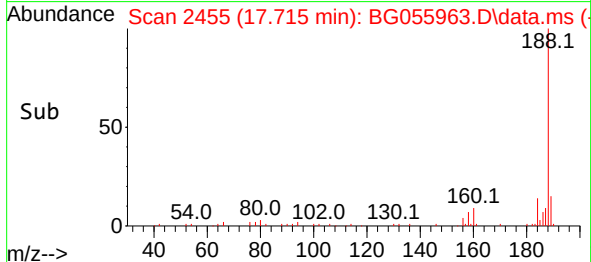
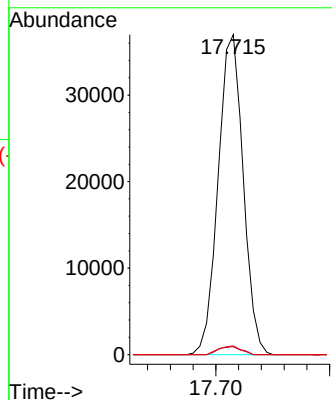
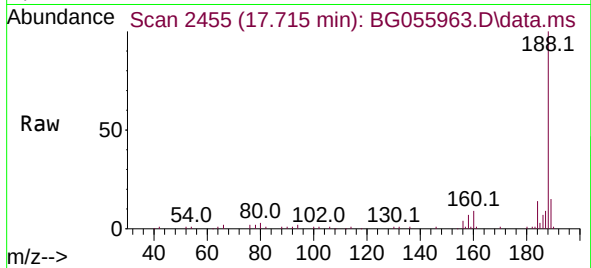




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

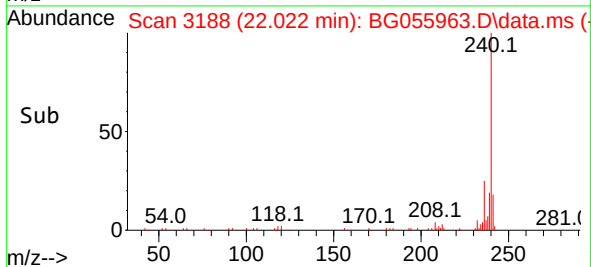
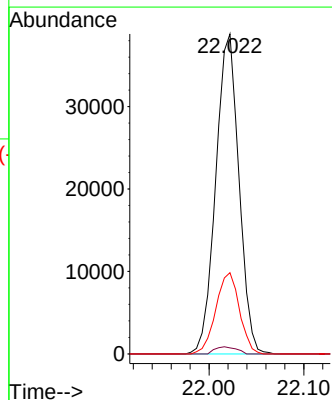
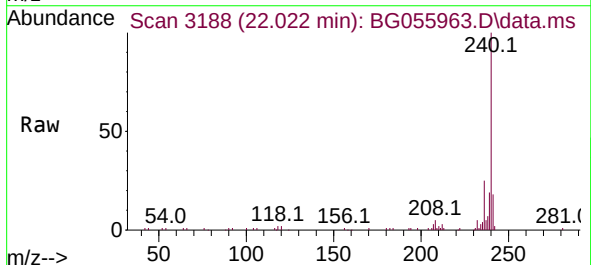
Instrument :
BNA_G
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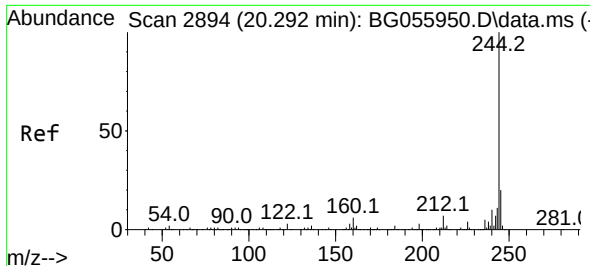
Tgt Ion:188 Resp: 56519
Ion Ratio Lower Upper
188 100
94 2.5 1.8 2.8
80 2.7 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.022 min Scan# 3188
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

Tgt Ion:240 Resp: 65806
Ion Ratio Lower Upper
240 100
120 1.9 1.7 2.5
236 25.4 21.1 31.7

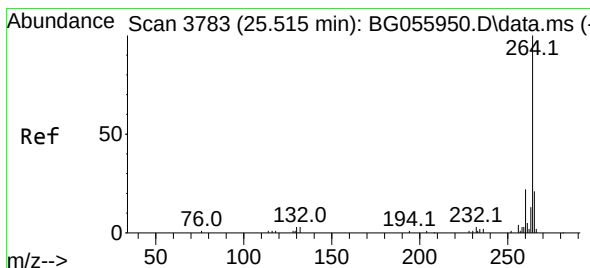
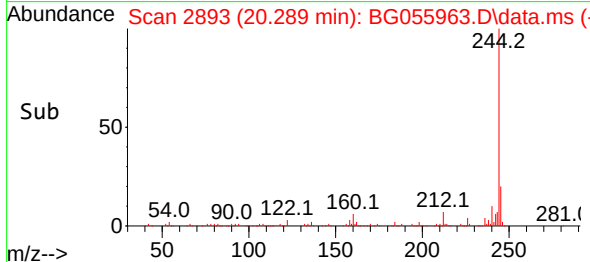
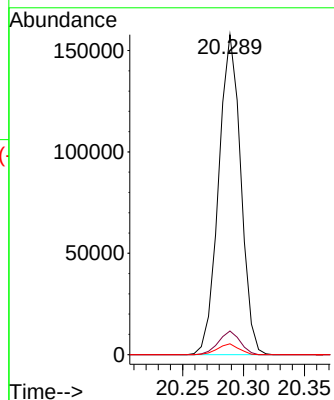
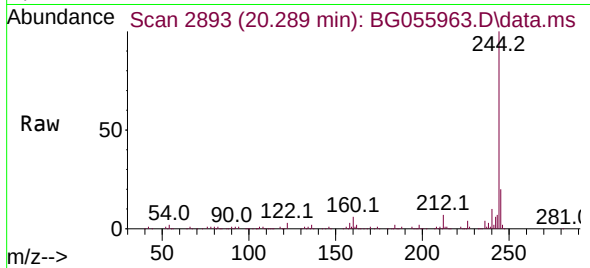




#79
 Terphenyl-d14
 Concen: 53.388 ng
 RT: 20.289 min Scan# 2893
 Delta R.T. -0.003 min
 Lab File: BG055963.D
 Acq: 14 Dec 2022 17:25

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 198780
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 3.4 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.512 min Scan# 3782
 Delta R.T. -0.003 min
 Lab File: BG055963.D
 Acq: 14 Dec 2022 17:25

Tgt Ion:264 Resp: 79079
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.8
 265 20.2 16.6 25.0

