

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
 Data File : BG055993.D
 Acq On : 16 Dec 2022 14:10
 Operator : CG/JU
 Sample : PB149627BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149627BL

Quant Time: Dec 17 01:20:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 01:18:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	6238	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	24365	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	22344	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	71655	20.000	ng	# 0.00
76) Chrysene-d12	22.025	240	75219	20.000	ng	0.00
86) Perylene-d12	25.532	264	90475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	45870	172.448	ng	0.00
7) Phenol-d6	7.500	99	57957	169.414	ng	0.00
23) Nitrobenzene-d5	9.545	82	33475	96.011	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	90699	168.341	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	152043	95.434	ng	0.00
79) Terphenyl-d14	20.297	244	456138	107.177	ng	0.00

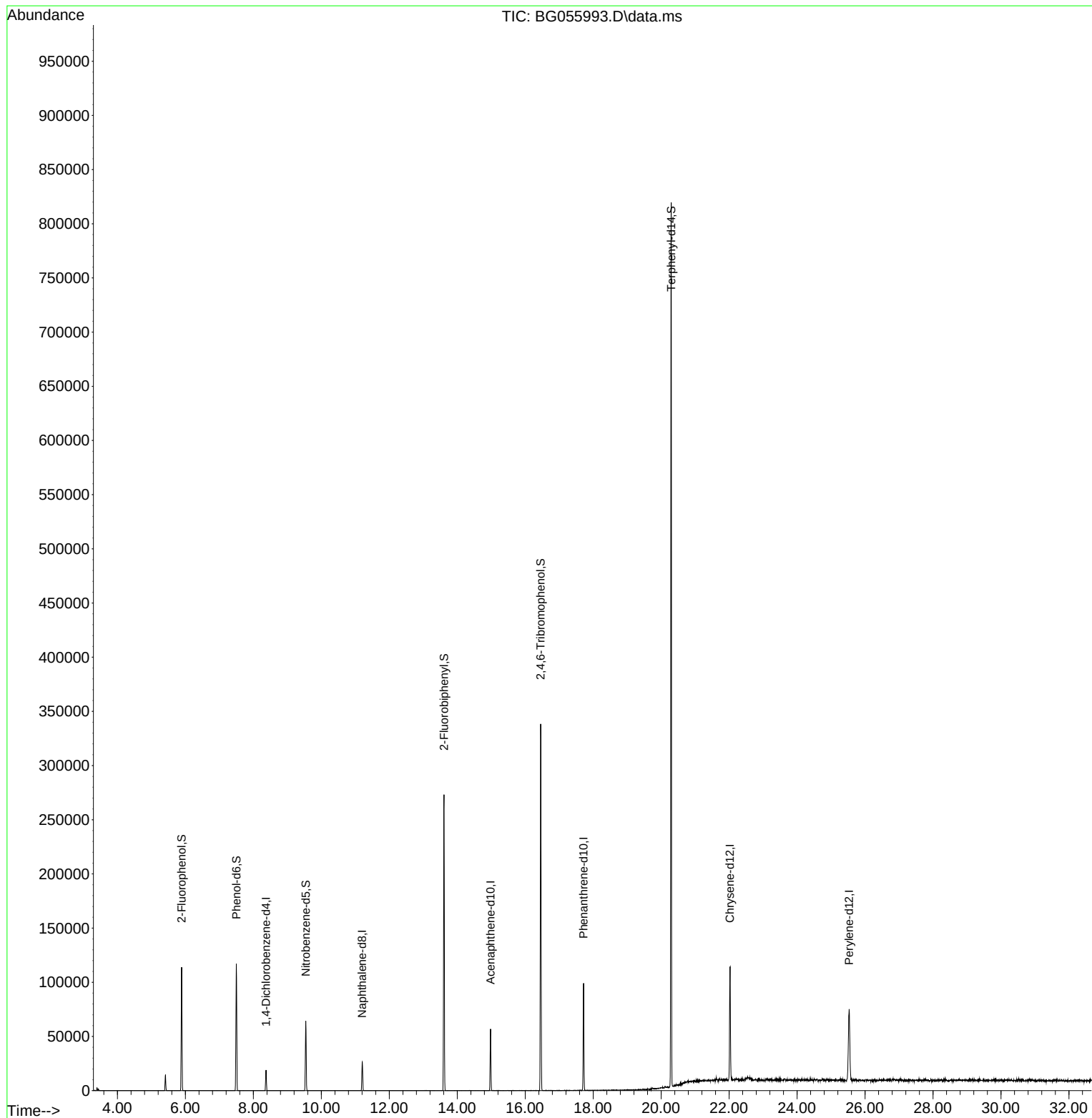
Target Compounds	Qvalue

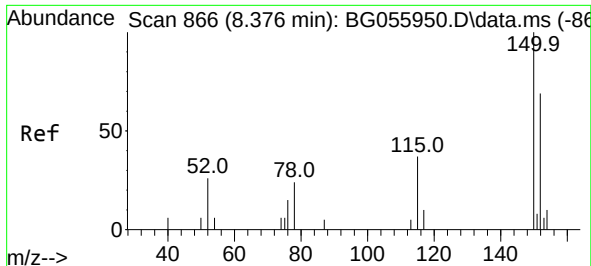
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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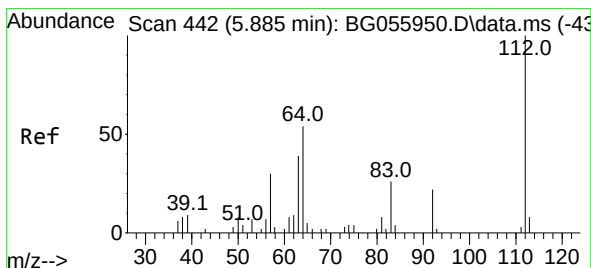
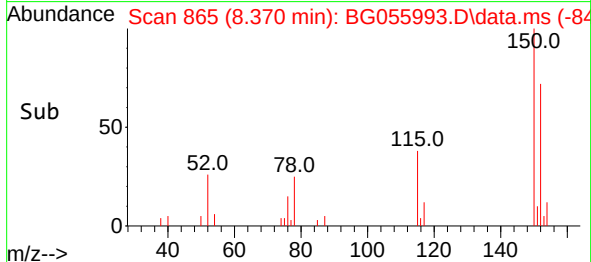
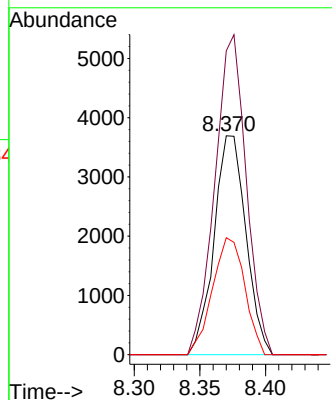
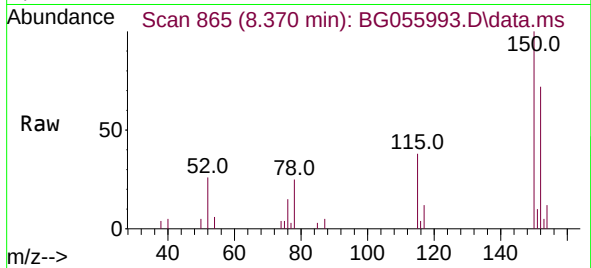




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 866
Delta R.T. -0.006 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

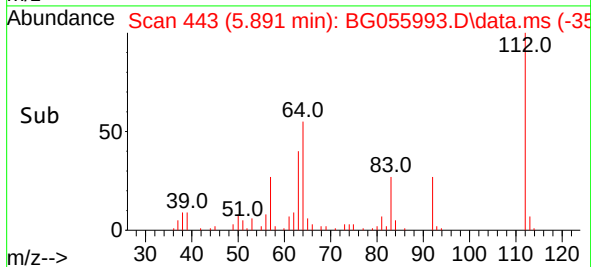
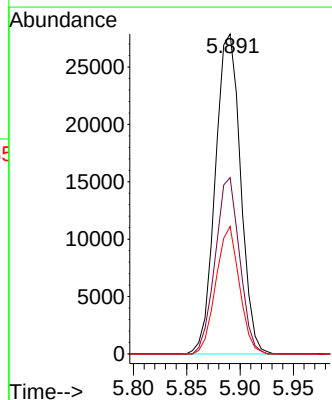
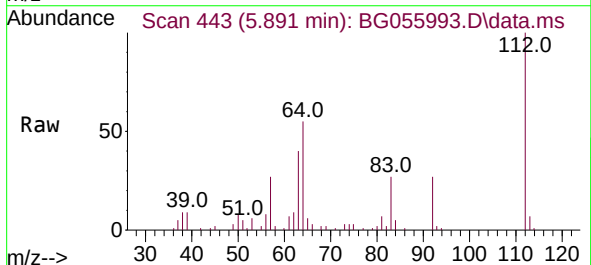
Instrument :
BNA_G
ClientSampleId :
PB149627BL

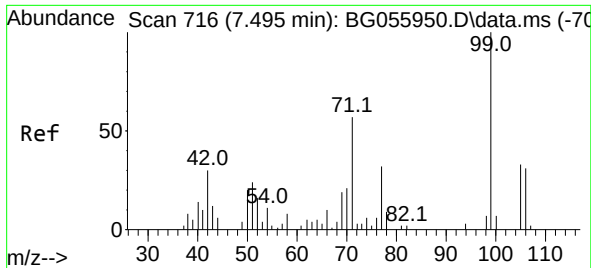
Tgt Ion:152 Resp: 6238
Ion Ratio Lower Upper
152 100
150 138.8 115.7 173.5
115 53.4 43.0 64.4



#5
2-Fluorophenol
Concen: 172.448 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.005 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Tgt Ion:112 Resp: 45870
Ion Ratio Lower Upper
112 100
64 55.1 43.0 64.4
63 39.9 31.4 47.2

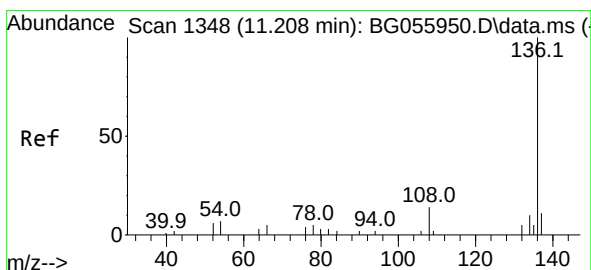
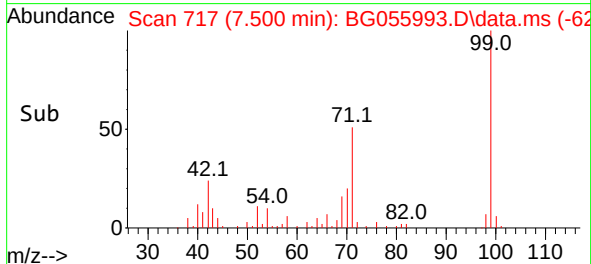
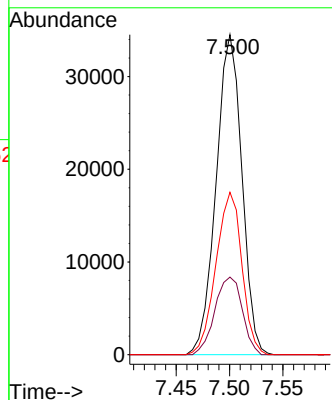
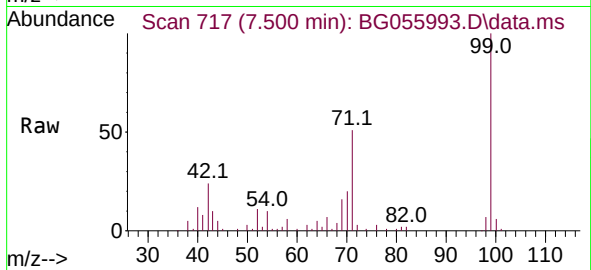




#7
Phenol-d6
Concen: 169.414 ng
RT: 7.500 min Scan# 716
Delta R.T. -0.000 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

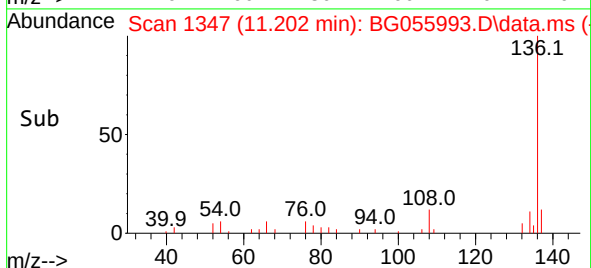
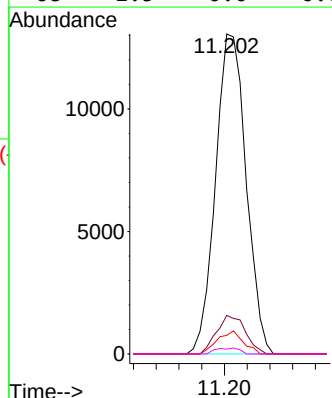
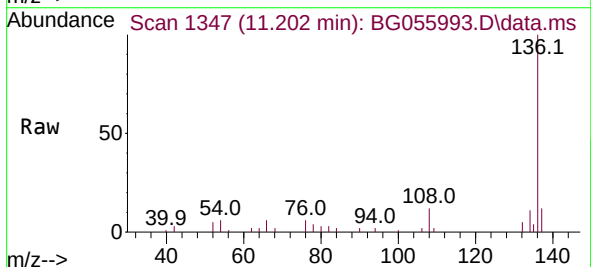
Instrument :
BNA_G
ClientSampleId :
PB149627BL

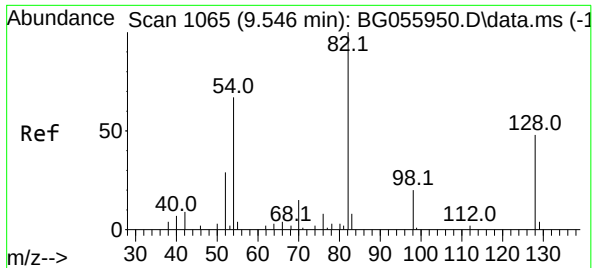
Tgt Ion: 99 Resp: 57957
Ion Ratio Lower Upper
99 100
42 24.3 24.3 36.5#
71 50.8 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Tgt Ion: 136 Resp: 24365
Ion Ratio Lower Upper
136 100
137 12.0 9.2 13.8
54 5.8 5.6 8.4
68 1.5 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 96.011 ng

RT: 9.545 min Scan# 1065

Delta R.T. -0.000 min

Lab File: BG055993.D

Acq: 16 Dec 2022 14:10

Instrument :

BNA_G

ClientSampleId :

PB149627BL

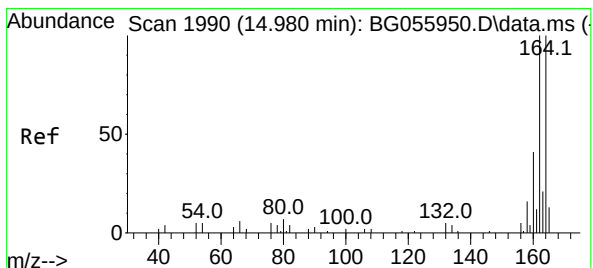
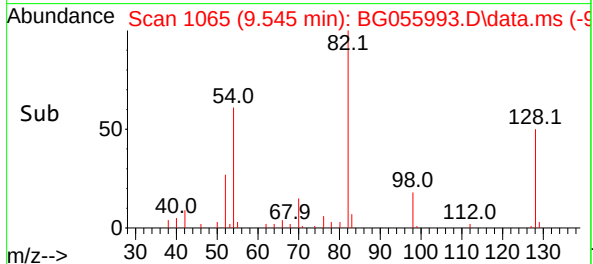
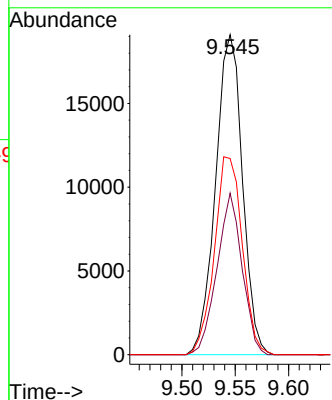
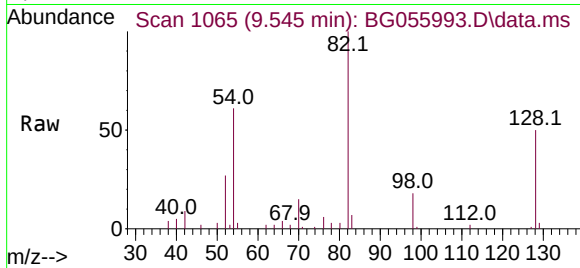
Tgt Ion: 82 Resp: 33475

Ion Ratio Lower Upper

82 100

128 50.4 38.4 57.6

54 61.3 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.980 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BG055993.D

Acq: 16 Dec 2022 14:10

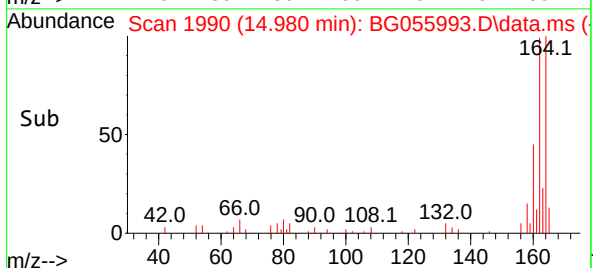
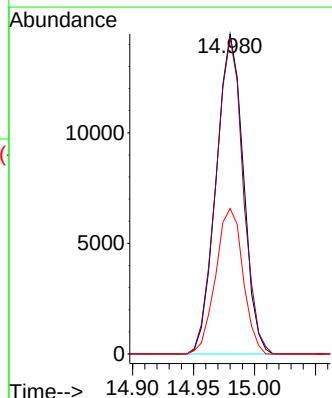
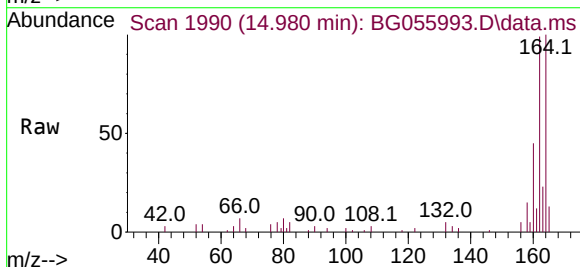
Tgt Ion:164 Resp: 22344

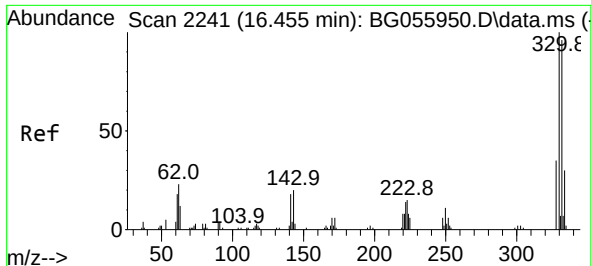
Ion Ratio Lower Upper

164 100

162 98.7 79.8 119.8

160 45.5 33.0 49.4

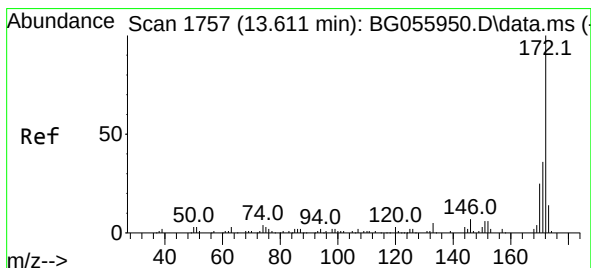
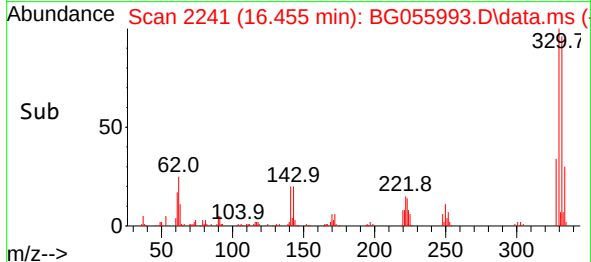
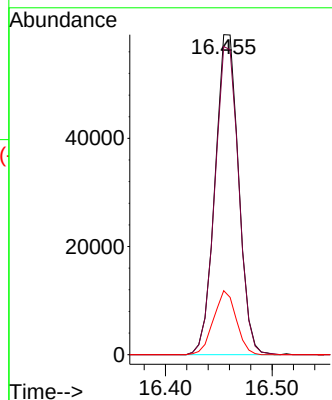
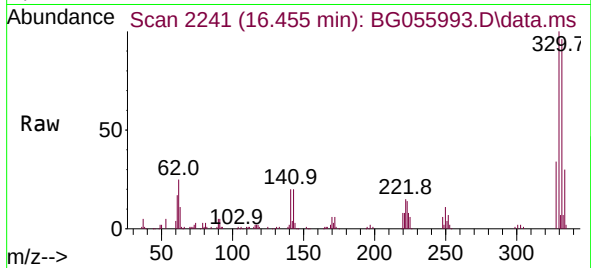




#42
2,4,6-Tribromophenol
Concen: 168.341 ng
RT: 16.455 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

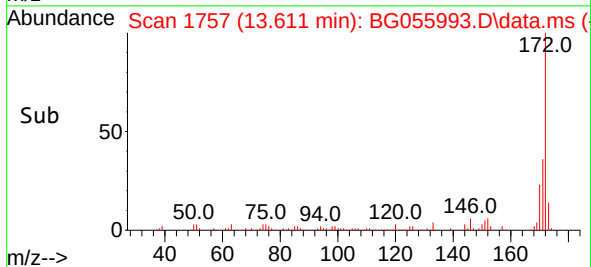
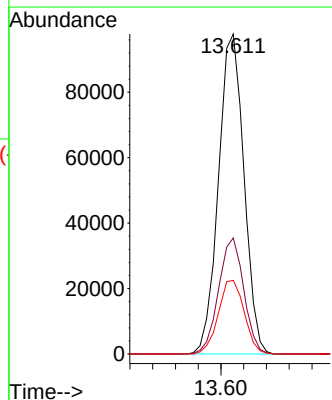
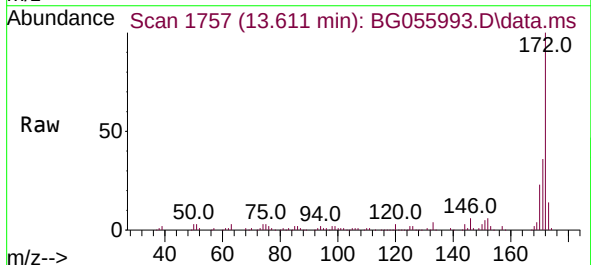
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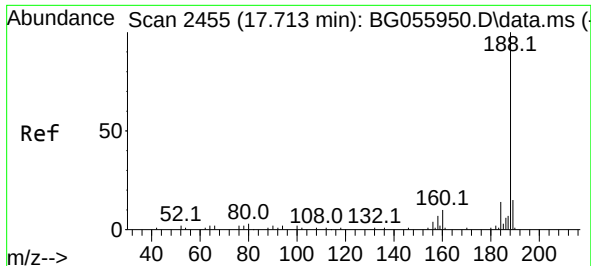
Tgt Ion:330 Resp: 90699
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 19.2 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 95.434 ng
RT: 13.611 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Tgt Ion:172 Resp: 152043
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.0 19.9 29.9

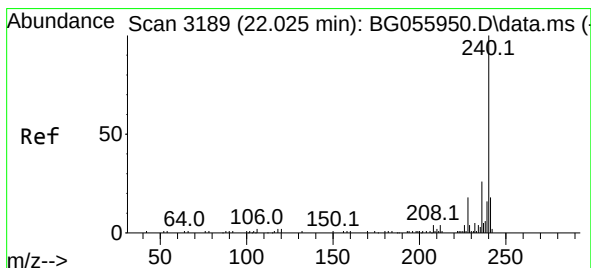
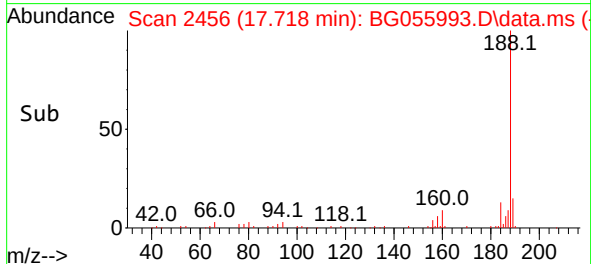
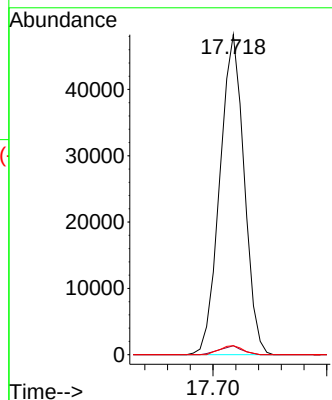
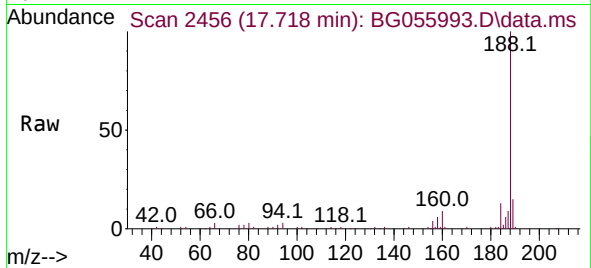




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

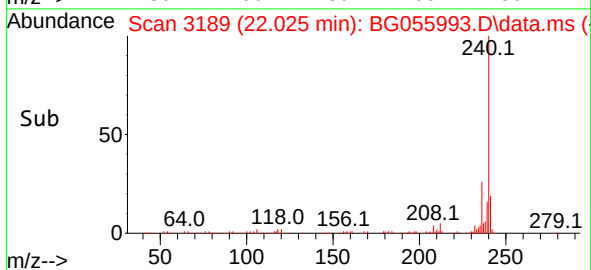
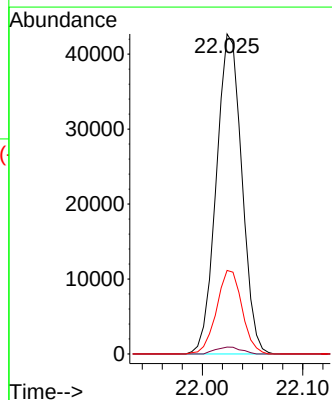
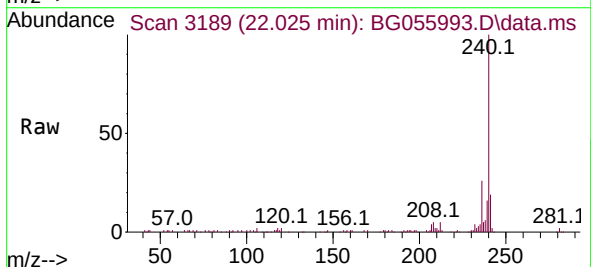
Instrument :
BNA_G
ClientSampleId :
PB149627BL

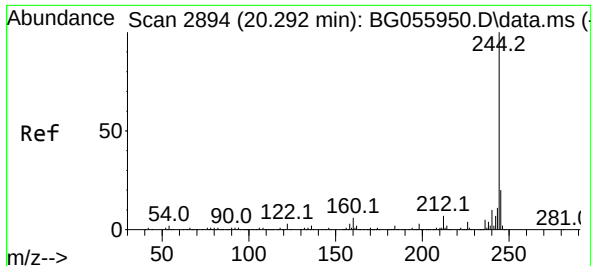
Tgt Ion:188 Resp: 71655
Ion Ratio Lower Upper
188 100
94 2.8 1.8 2.8#
80 2.8 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BG055993.D
Acq: 16 Dec 2022 14:10

Tgt Ion:240 Resp: 75219
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 26.1 21.1 31.7

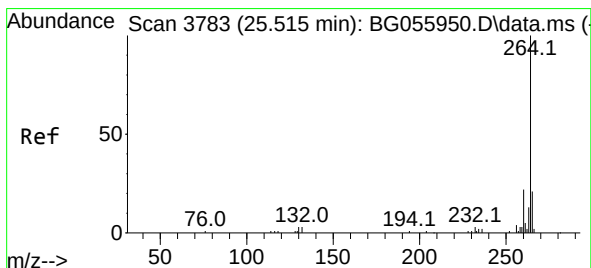
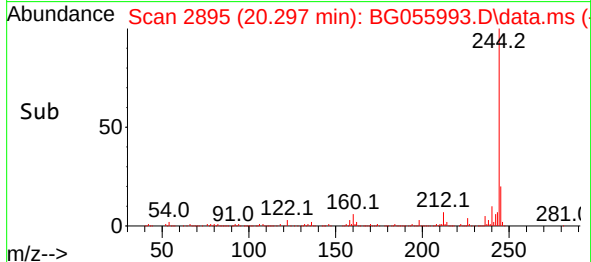
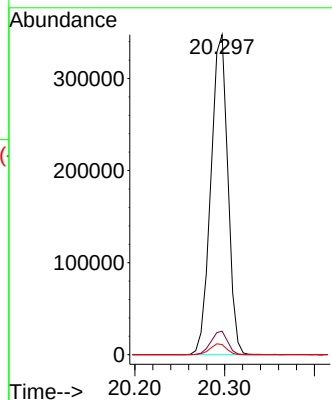
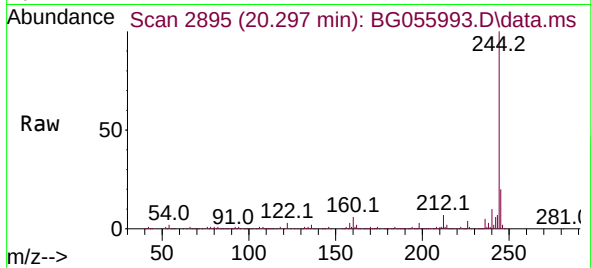




#79
 Terphenyl-d14
 Concen: 107.177 ng
 RT: 20.297 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG055993.D
 Acq: 16 Dec 2022 14:10

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 456138
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 3.1 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.532 min Scan# 3786
 Delta R.T. -0.000 min
 Lab File: BG055993.D
 Acq: 16 Dec 2022 14:10

Tgt Ion:264 Resp: 90475
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.8 26.8
 265 21.7 16.6 25.0

