

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
 Data File : BG055916.D
 Acq On : 7 Dec 2022 16:12
 Operator : CG/JU
 Sample : PB149462BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149462BL

Quant Time: Dec 08 05:06:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	22185	20.000	ng	0.00
21) Naphthalene-d8	10.990	136	96673	20.000	ng	0.00
39) Acenaphthene-d10	14.797	164	75208	20.000	ng	0.00
64) Phenanthrene-d10	17.541	188	196199	20.000	ng	0.00
76) Chrysene-d12	21.818	240	206969	20.000	ng	-0.01
86) Perylene-d12	25.167	264	216328	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	186710	152.122	ng	0.00
7) Phenol-d6	7.317	99	247162	151.278	ng	0.00
23) Nitrobenzene-d5	9.333	82	154034	84.216	ng	-0.01
42) 2,4,6-Tribromophenol	16.283	330	135923	128.347	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	407295	81.132	ng	0.00
79) Terphenyl-d14	20.126	244	908106	87.758	ng	0.00

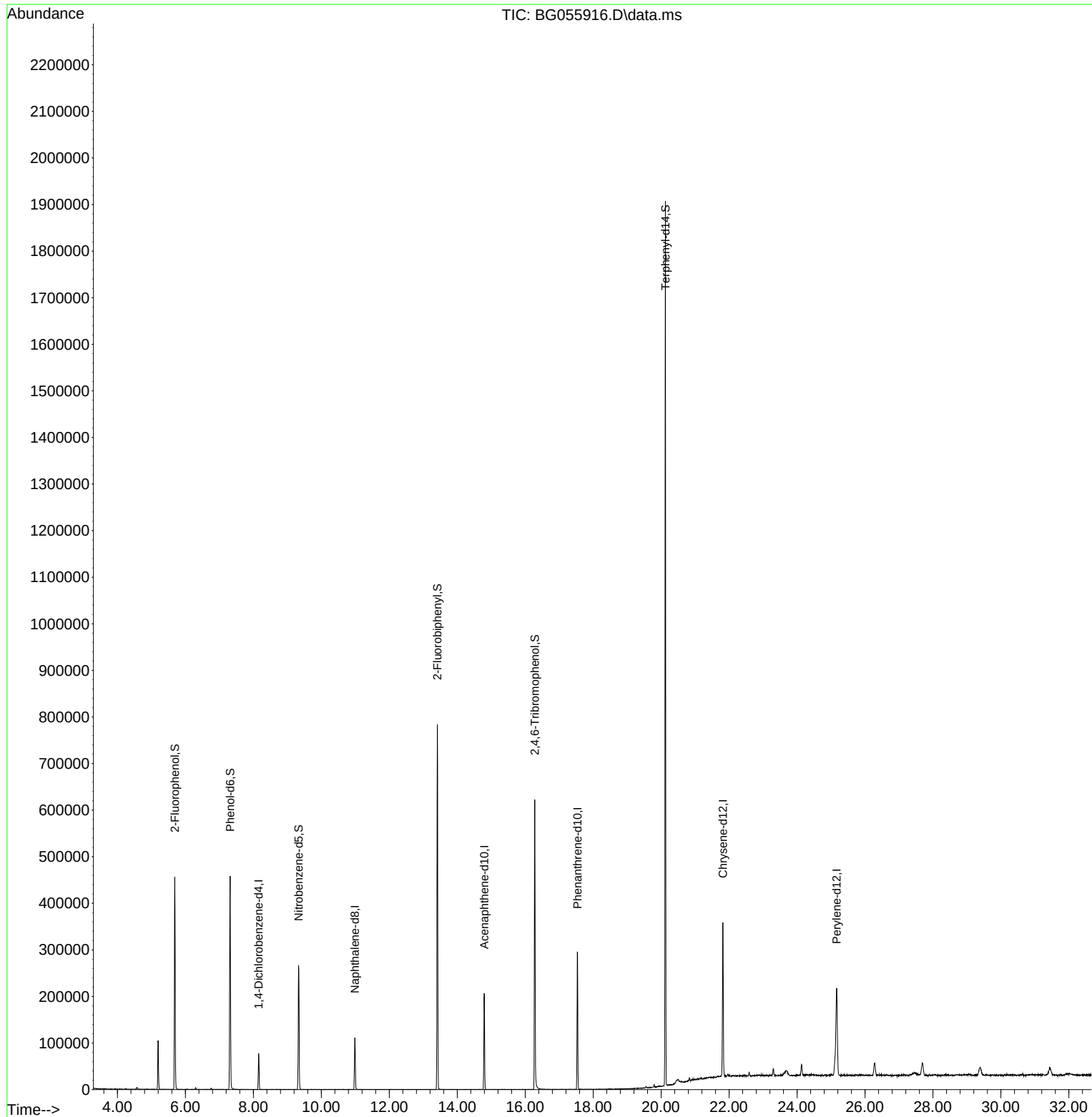
Target Compounds	Qvalue

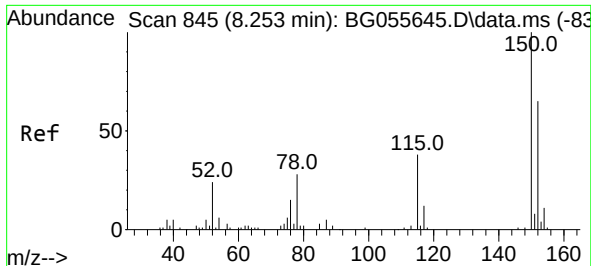
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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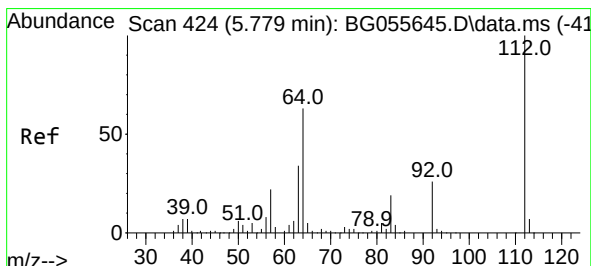
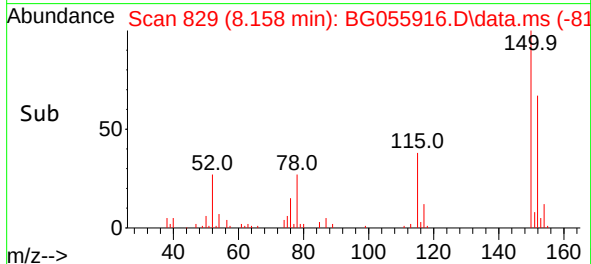
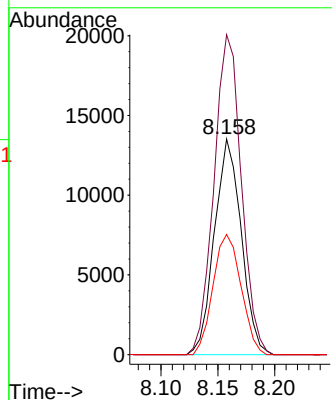
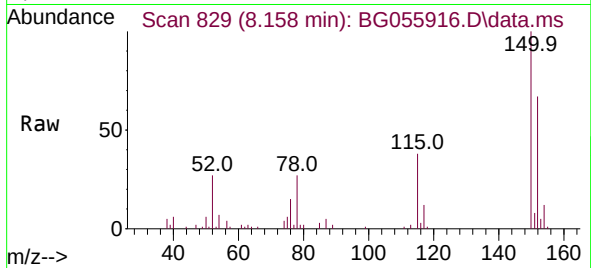




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

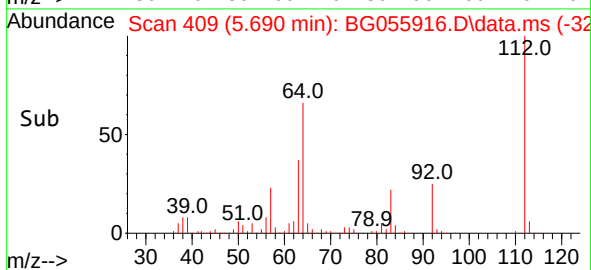
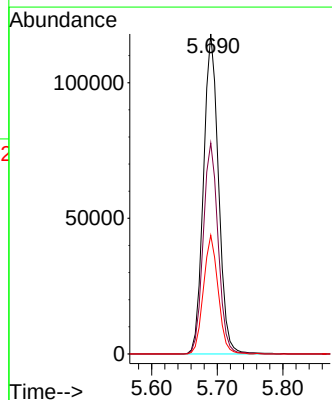
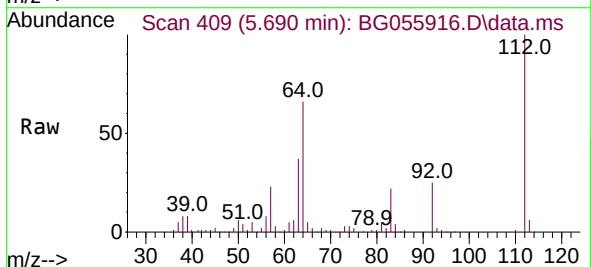
Instrument :
BNA_G
ClientSampleId :
PB149462BL

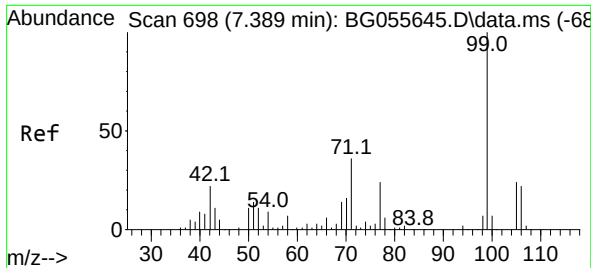
Tgt Ion:152 Resp: 22185
Ion Ratio Lower Upper
152 100
150 148.4 123.0 184.6
115 55.7 47.0 70.4



#5
2-Fluorophenol
Concen: 152.122 ng
RT: 5.690 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

Tgt Ion:112 Resp: 186710
Ion Ratio Lower Upper
112 100
64 65.9 50.6 76.0
63 37.1 27.5 41.3

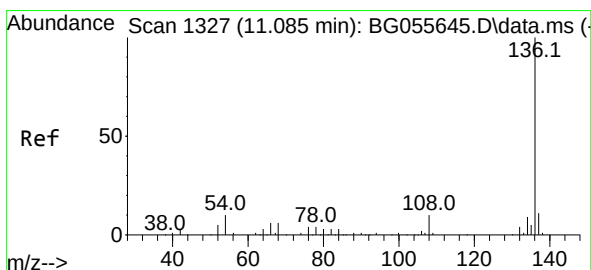
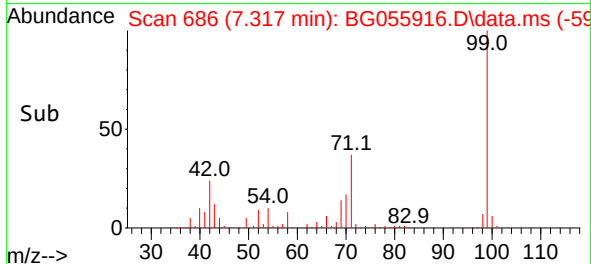
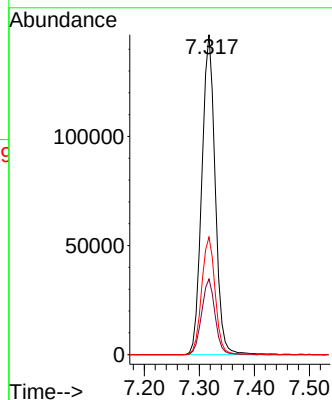
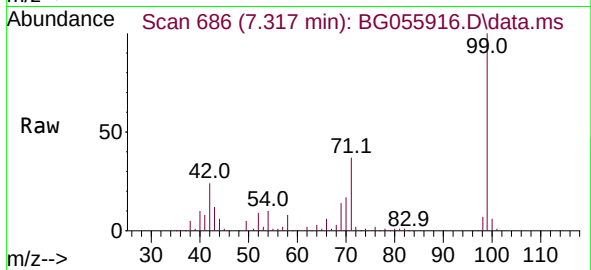




#7
Phenol-d6
Concen: 151.278 ng
RT: 7.317 min Scan# 68
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

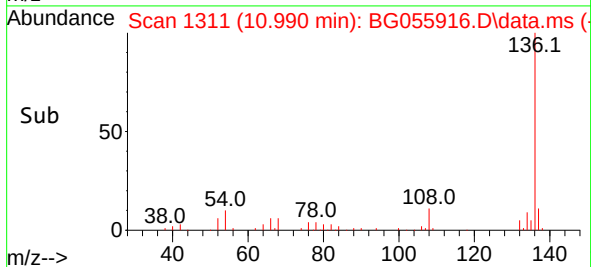
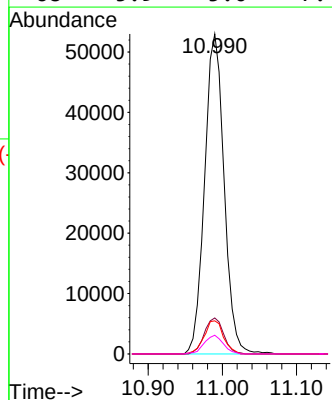
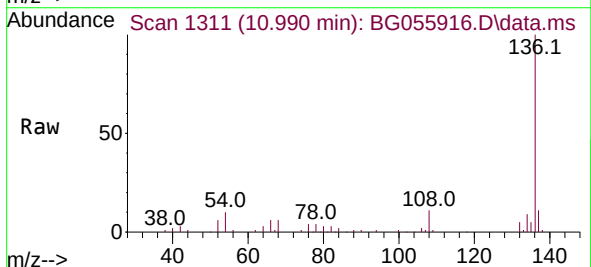
Instrument :
BNA_G
ClientSampleId :
PB149462BL

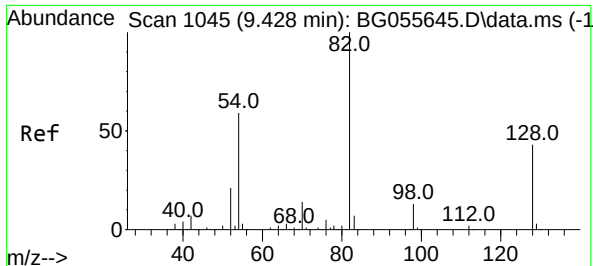
Tgt Ion: 99 Resp: 247162
Ion Ratio Lower Upper
99 100
42 23.6 18.0 27.0
71 36.7 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.990 min Scan# 1311
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

Tgt Ion:136 Resp: 96673
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 10.3 7.8 11.6
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.216 ng

RT: 9.333 min Scan# 1045

Delta R.T. -0.010 min

Lab File: BG055916.D

Acq: 7 Dec 2022 16:12

Instrument :

BNA_G

ClientSampleId :

PB149462BL

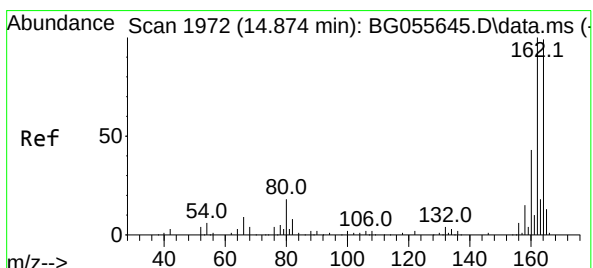
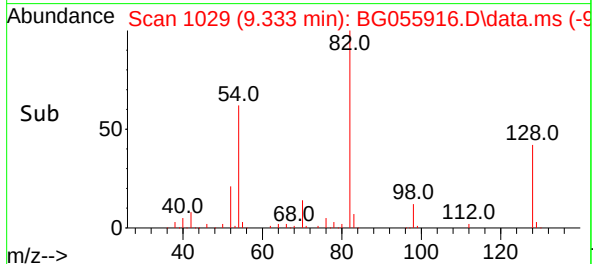
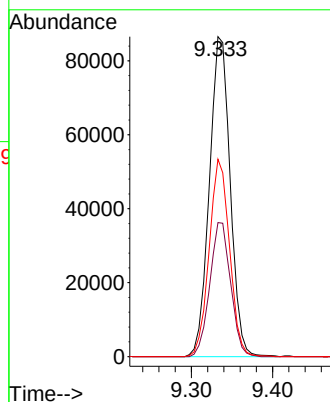
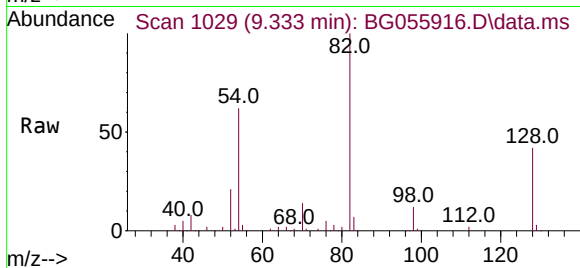
Tgt Ion: 82 Resp: 154034

Ion Ratio Lower Upper

82 100

128 41.9 34.1 51.1

54 61.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.797 min Scan# 1959

Delta R.T. -0.004 min

Lab File: BG055916.D

Acq: 7 Dec 2022 16:12

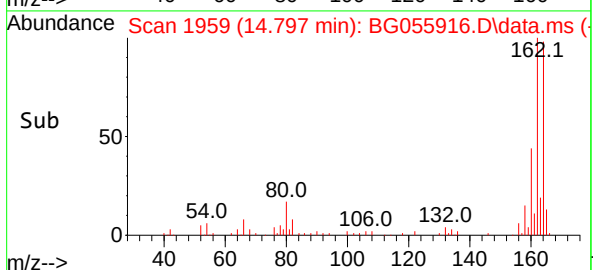
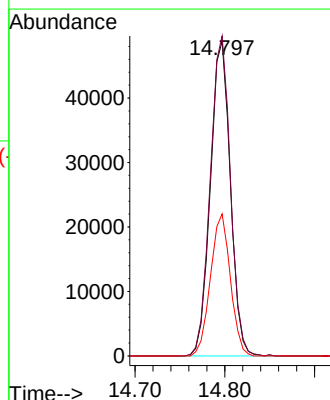
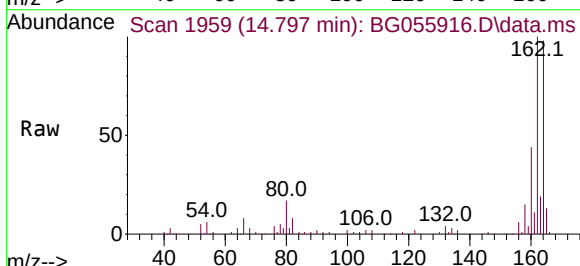
Tgt Ion:164 Resp: 75208

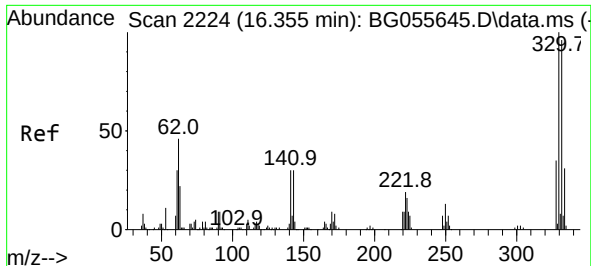
Ion Ratio Lower Upper

164 100

162 101.7 81.1 121.7

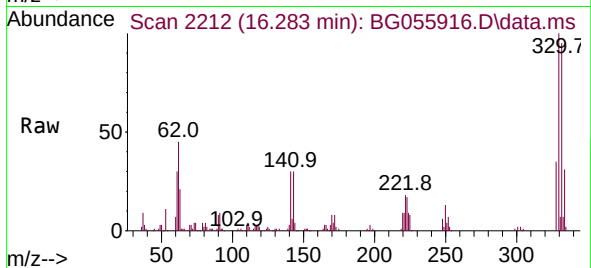
160 45.1 34.8 52.2



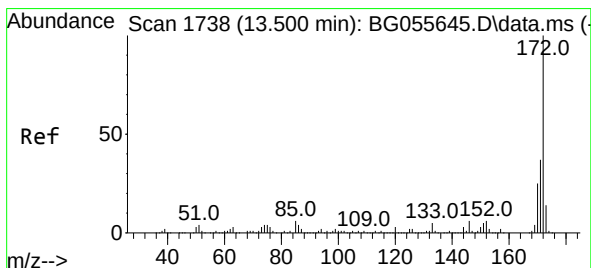
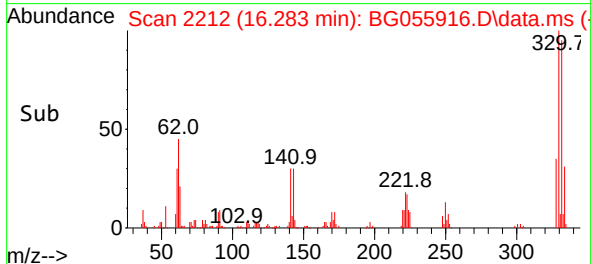
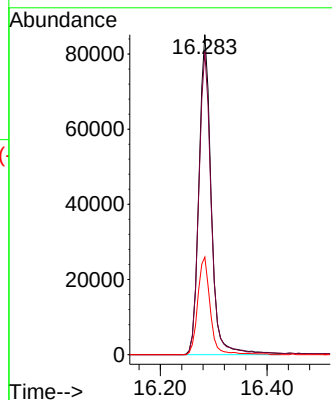


#42
2,4,6-Tribromophenol
Concen: 128.347 ng
RT: 16.283 min Scan# 211
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

Instrument :
BNA_G
ClientSampleId :
PB149462BL

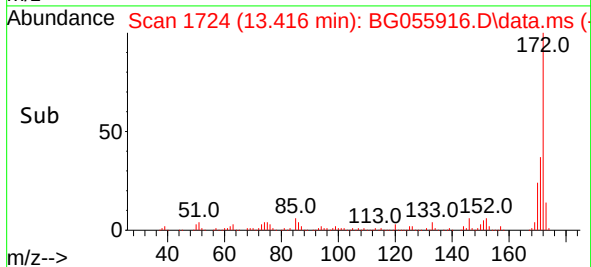
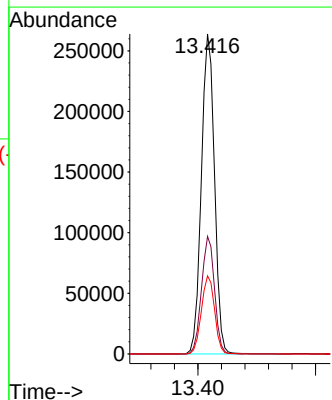
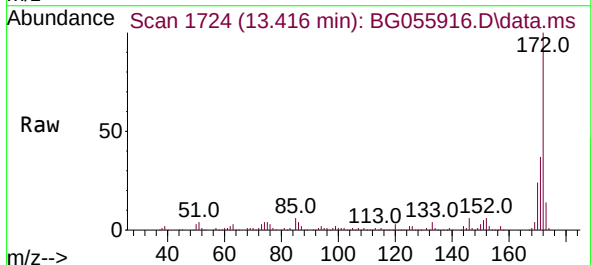


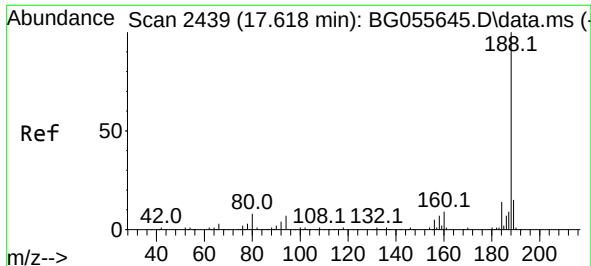
Tgt Ion:330 Resp: 135923
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 30.9 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 81.132 ng
RT: 13.416 min Scan# 1724
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

Tgt Ion:172 Resp: 407295
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.4 20.2 30.4

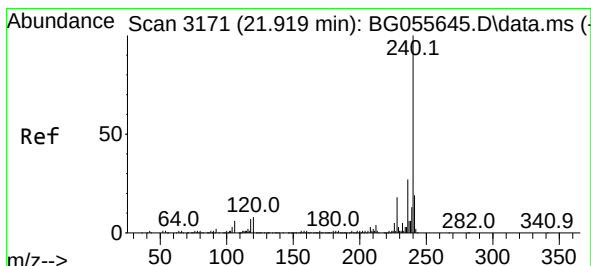
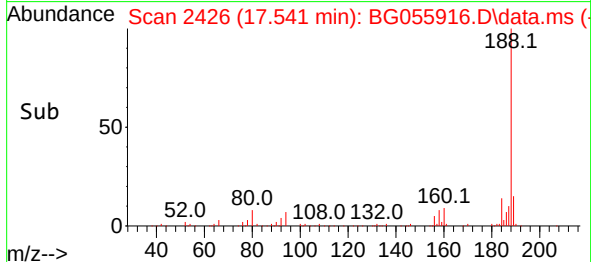
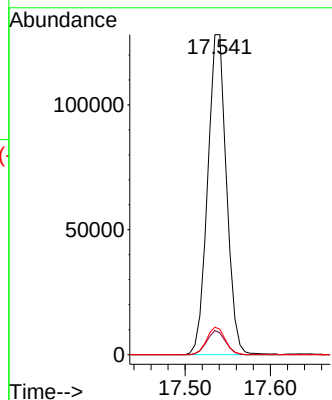
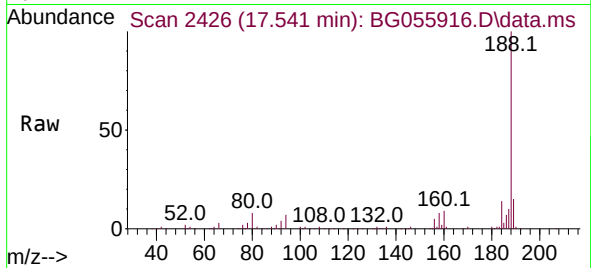




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.541 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

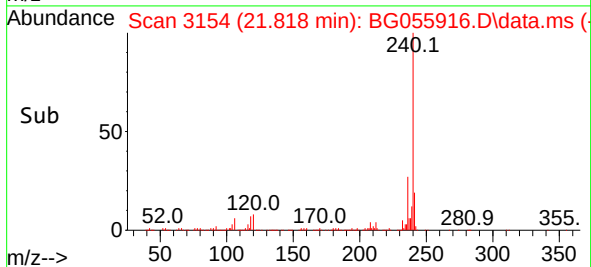
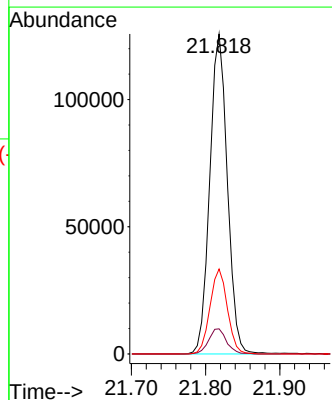
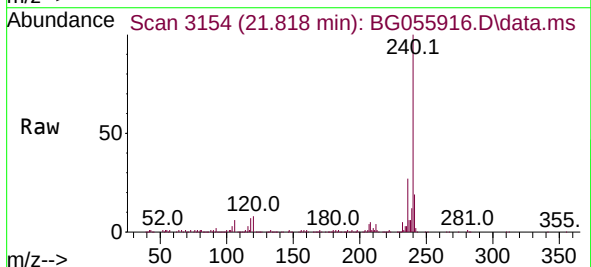
Instrument :
BNA_G
ClientSampleId :
PB149462BL

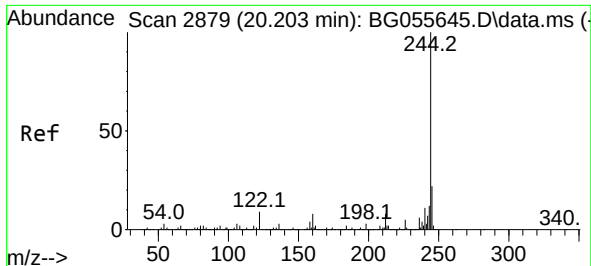
Tgt Ion:188 Resp: 196199
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 7.9 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.818 min Scan# 3154
Delta R.T. -0.010 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

Tgt Ion:240 Resp: 206969
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.5 21.9 32.9

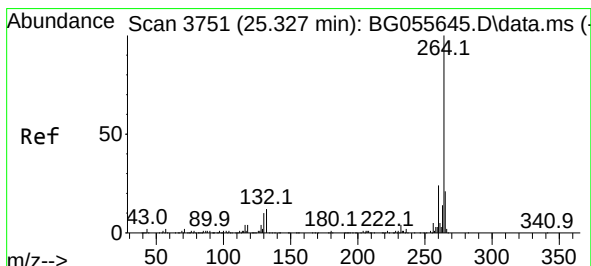
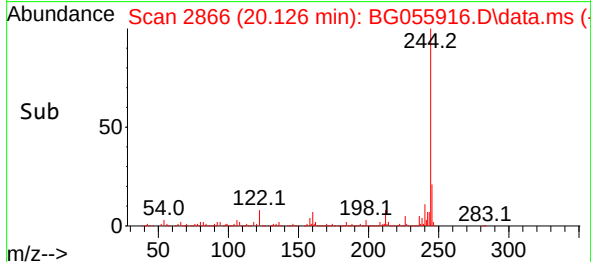
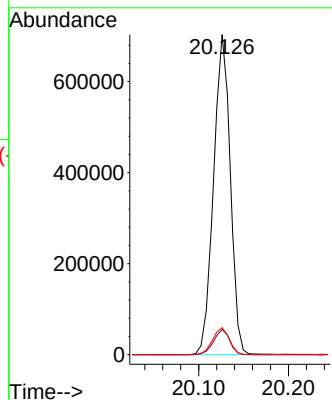
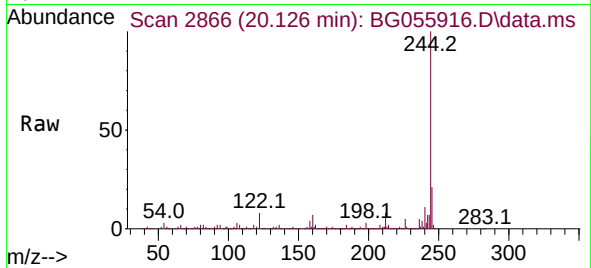




#79
 Terphenyl-d14
 Concen: 87.758 ng
 RT: 20.126 min Scan# 2879
 Delta R.T. -0.004 min
 Lab File: BG055916.D
 Acq: 7 Dec 2022 16:12

Instrument :
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 ClientSampleId :
 PB149462BL

Tgt Ion:244 Resp: 908106
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.4 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.167 min Scan# 3724
 Delta R.T. -0.010 min
 Lab File: BG055916.D
 Acq: 7 Dec 2022 16:12

Tgt Ion:264 Resp: 216328
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 20.9 17.1 25.7

