

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
 Data File : BG059990.D
 Acq On : 7 Dec 2023 17:22
 Operator : MA/JU
 Sample : PB157585BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157585BL

Quant Time: Dec 08 03:15:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 02:35:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	130204	20.000	ng	0.00
21) Naphthalene-d8	10.759	136	421197	20.000	ng	# 0.00
39) Acenaphthene-d10	14.595	164	369935	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1376781	20.000	ng	0.00
76) Chrysene-d12	21.611	240	2131573	20.000	ng	-0.01
86) Perylene-d12	24.807	264	2495544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.530	112	1007033	143.034	ng	0.00
7) Phenol-d6	7.116	99	1400643	141.498	ng	0.00
23) Nitrobenzene-d5	9.120	82	883510	92.632	ng	0.00
42) 2,4,6-Tribromophenol	16.082	330	2015456	187.439	ng	0.00
45) 2-Fluorobiphenyl	13.221	172	3193298	103.727	ng	0.00
79) Terphenyl-d14	19.972	244	7364090	95.662	ng	0.00

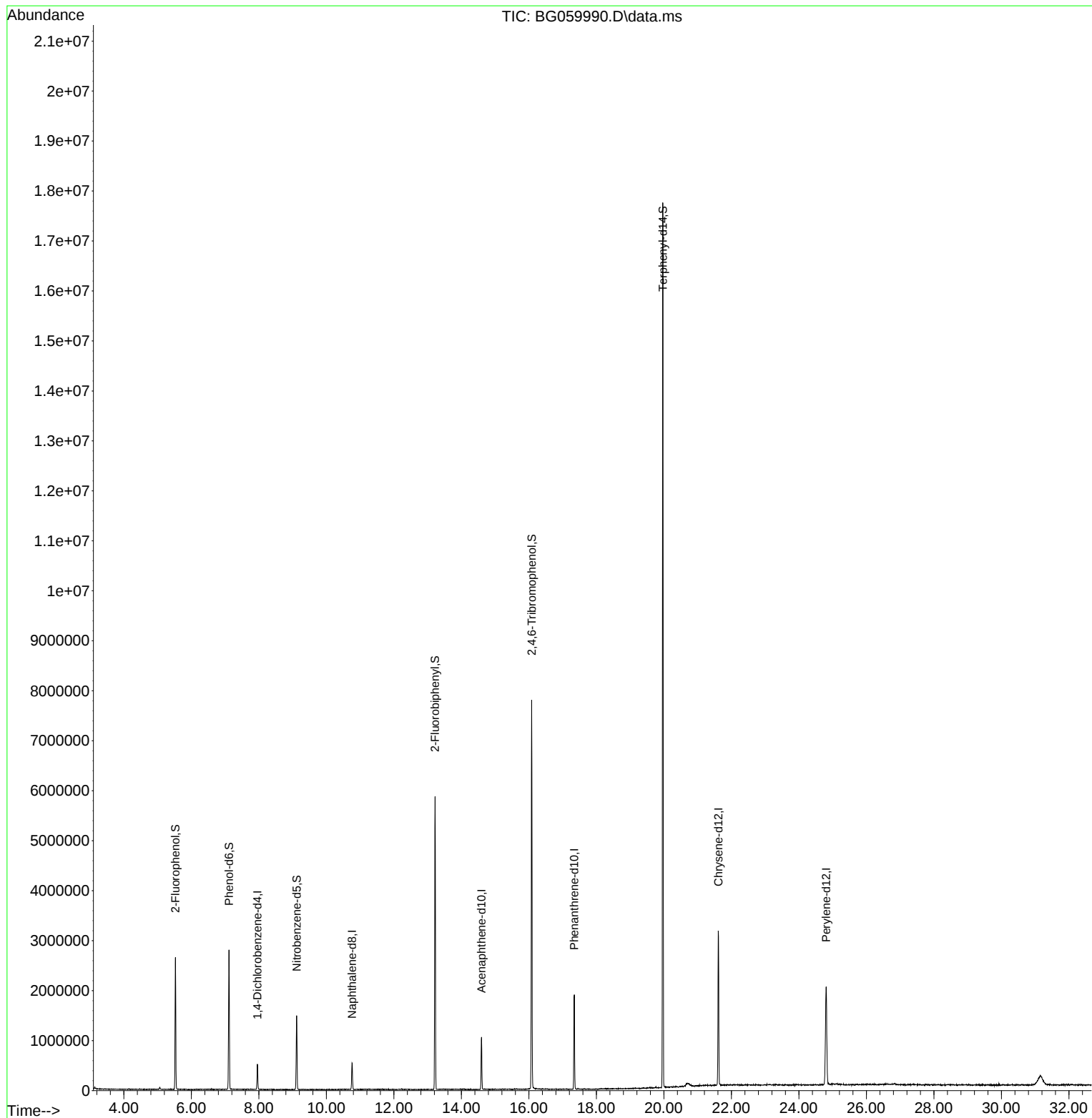
Target Compounds	Qvalue

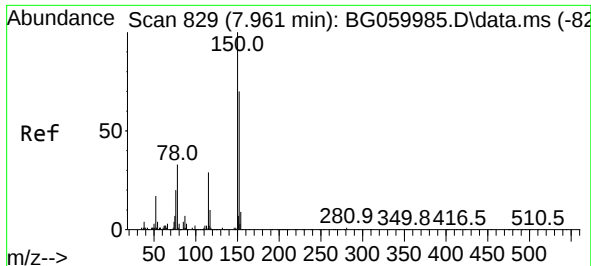
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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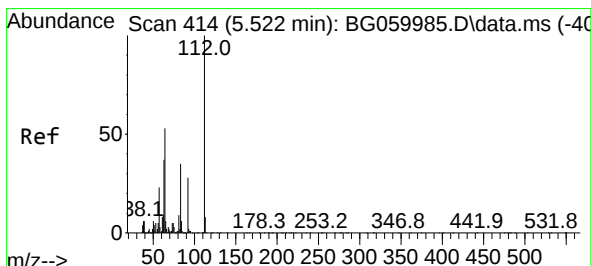
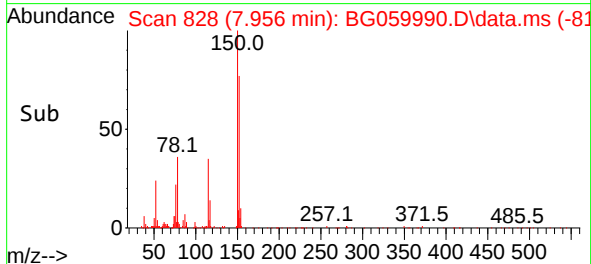
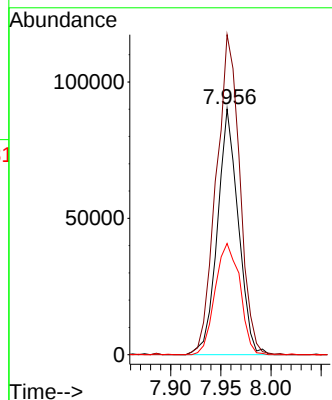
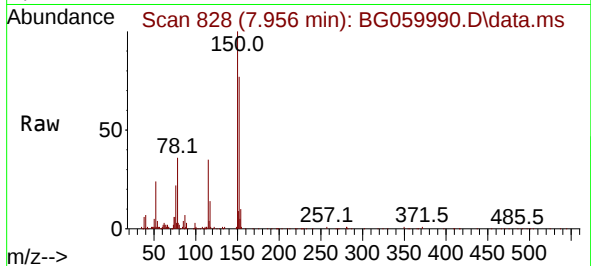




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.956 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG059990.D
 Acq: 7 Dec 2023 17:22

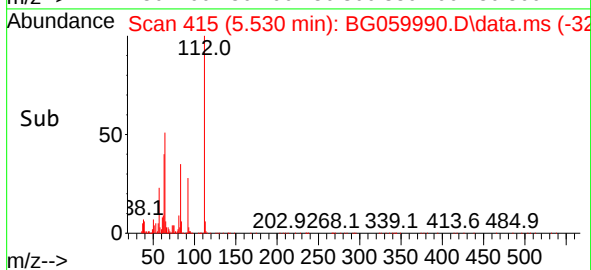
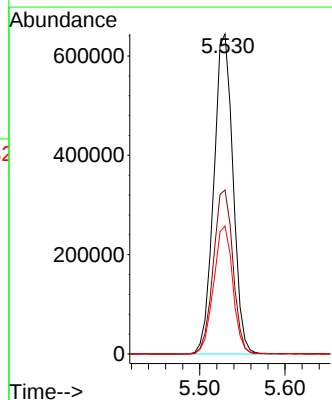
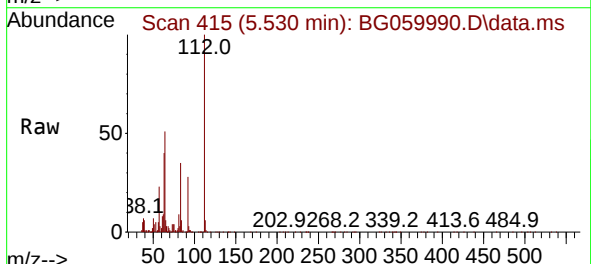
Instrument :
 BNA_G
 ClientSampleId :
 PB157585BL

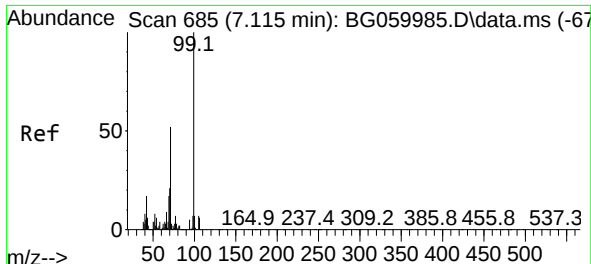
Tgt Ion:152 Resp: 130204
 Ion Ratio Lower Upper
 152 100
 150 130.2 115.0 172.6
 115 45.2 33.9 50.9



#5
 2-Fluorophenol
 Concen: 143.034 ng
 RT: 5.530 min Scan# 415
 Delta R.T. 0.007 min
 Lab File: BG059990.D
 Acq: 7 Dec 2023 17:22

Tgt Ion:112 Resp: 1007033
 Ion Ratio Lower Upper
 112 100
 64 51.2 42.4 63.6
 63 40.0 29.6 44.4

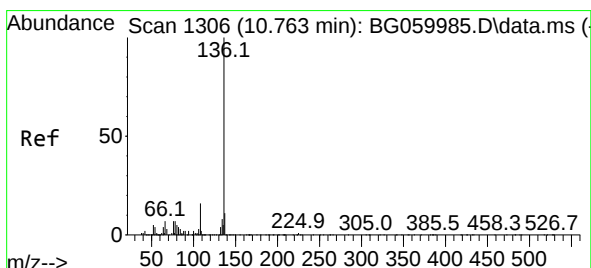
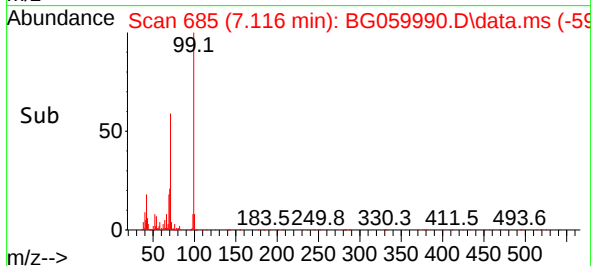
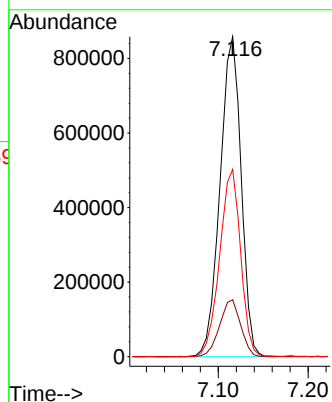
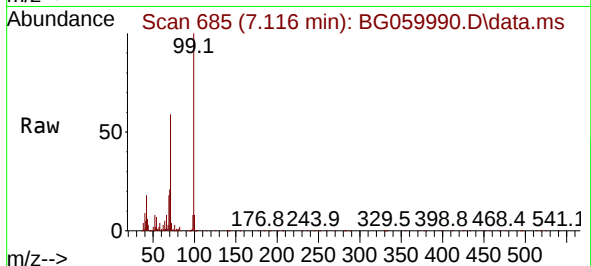




#7
Phenol-d6
Concen: 141.498 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

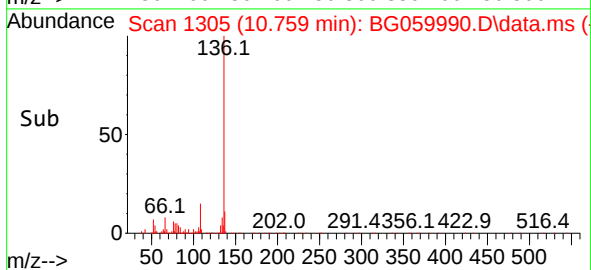
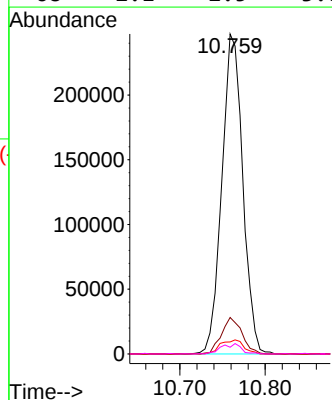
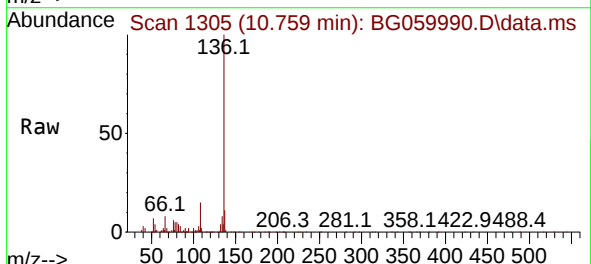
Instrument :
BNA_G
ClientSampleId :
PB157585BL

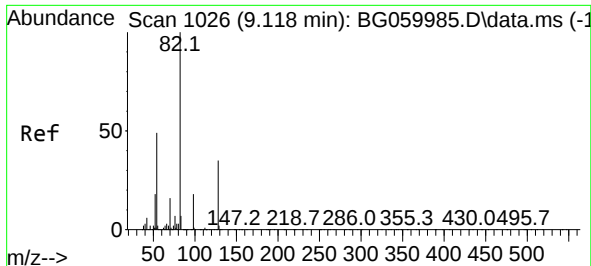
Tgt Ion: 99 Resp: 1400643
Ion Ratio Lower Upper
99 100
42 17.8 13.4 20.0
71 58.6 41.9 62.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.759 min Scan# 1305
Delta R.T. -0.004 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:136 Resp: 421197
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 3.8 3.2 4.8
68 2.1 2.5 3.7#





#23

Nitrobenzene-d5

Concen: 92.632 ng

RT: 9.120 min Scan# 1026

Delta R.T. 0.001 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

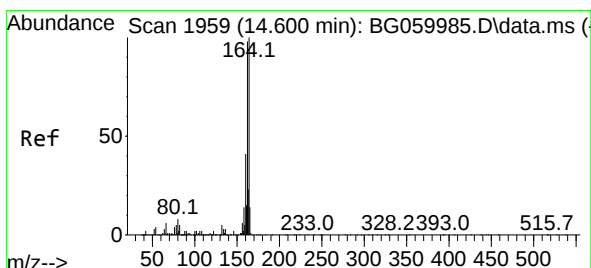
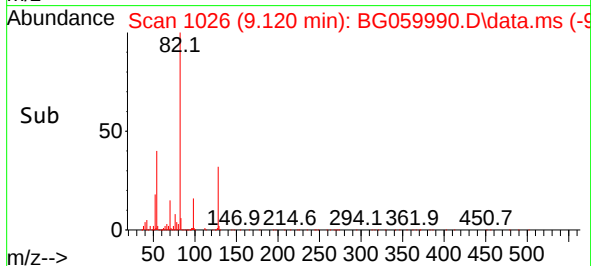
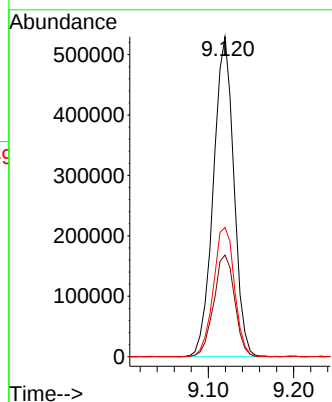
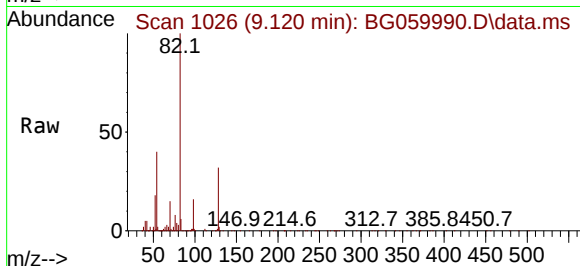
BNA_G

ClientSampleId :

PB157585BL

Tgt Ion: 82 Resp: 883510

Ion	Ratio	Lower	Upper
82	100		
128	31.8	28.2	42.4
54	40.4	39.0	58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.595 min Scan# 1958

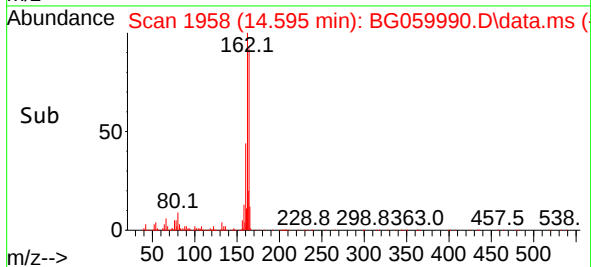
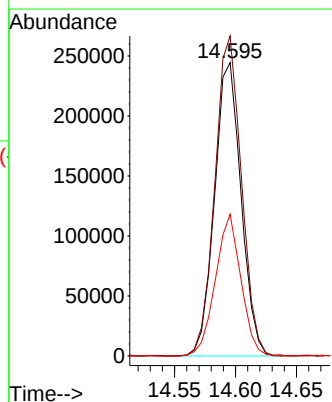
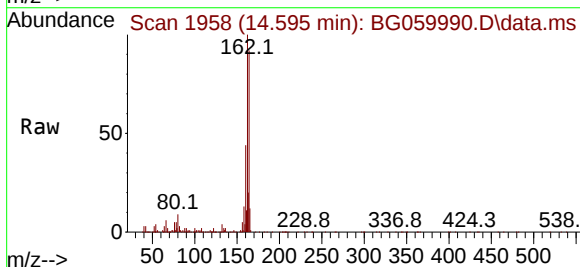
Delta R.T. -0.004 min

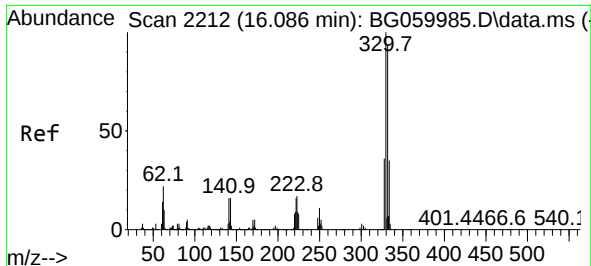
Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Tgt Ion: 164 Resp: 369935

Ion	Ratio	Lower	Upper
164	100		
162	109.1	78.1	117.1
160	48.3	32.9	49.3

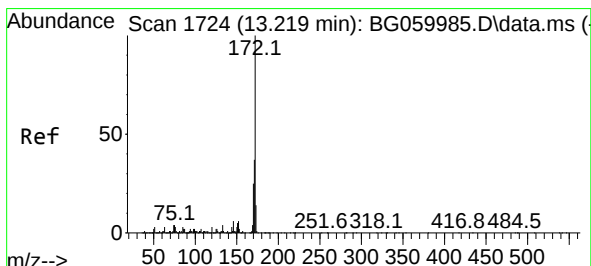
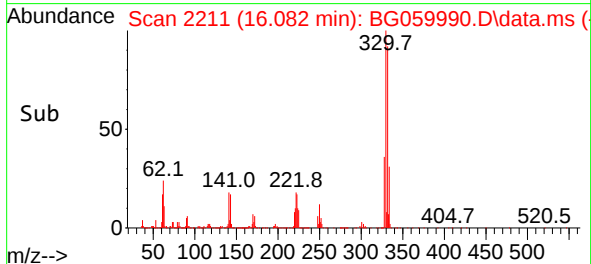
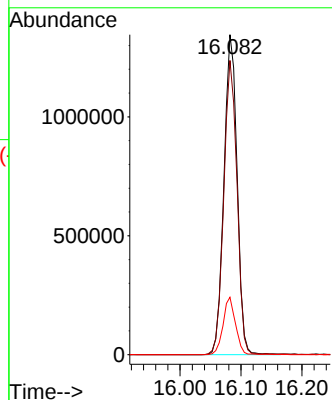
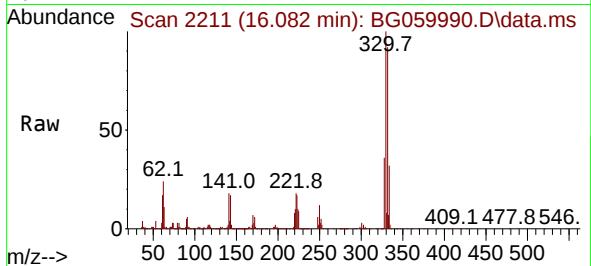




#42
2,4,6-Tribromophenol
Concen: 187.439 ng
RT: 16.082 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

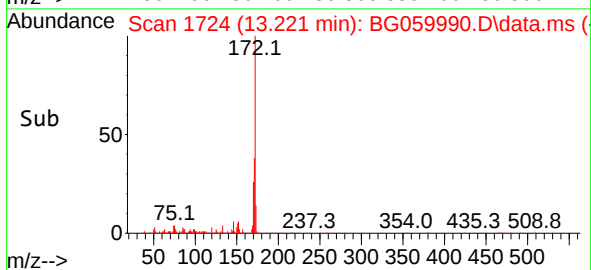
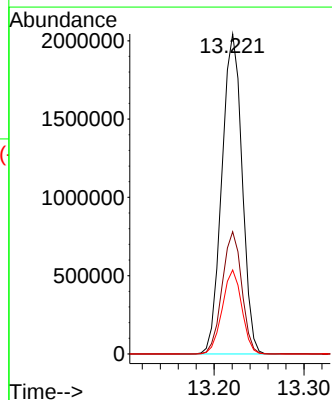
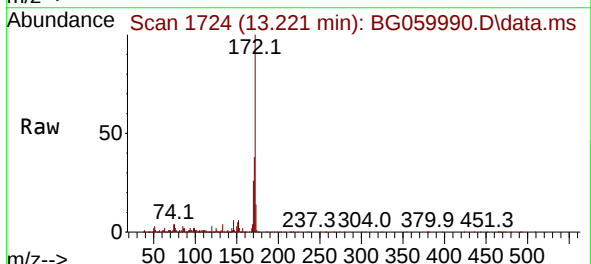
Instrument :
BNA_G
ClientSampleId :
PB157585BL

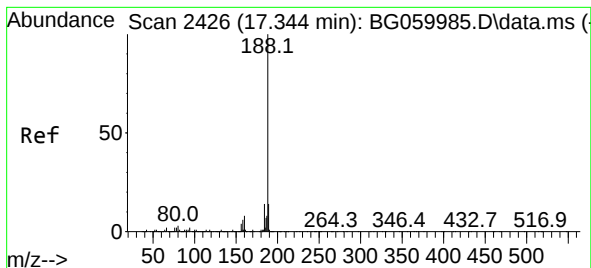
Tgt Ion:330 Resp: 2015456
Ion Ratio Lower Upper
330 100
332 92.3 75.0 112.6
141 17.1 13.2 19.8



#45
2-Fluorobiphenyl
Concen: 103.727 ng
RT: 13.221 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:172 Resp: 3193298
Ion Ratio Lower Upper
172 100
171 38.2 29.9 44.9
170 26.2 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.345 min Scan# 24

Delta R.T. 0.001 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

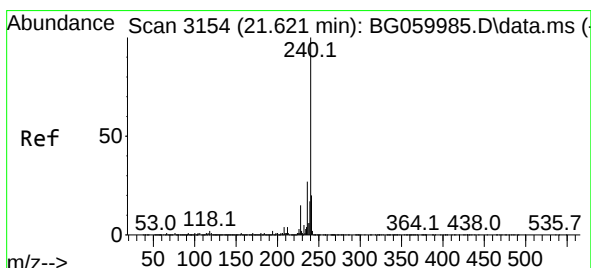
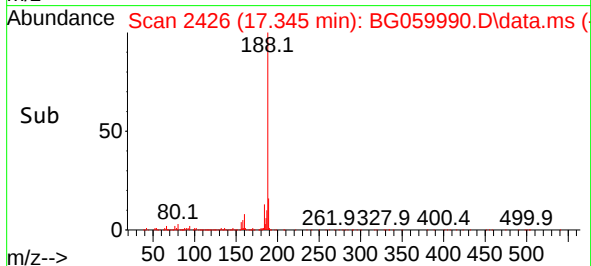
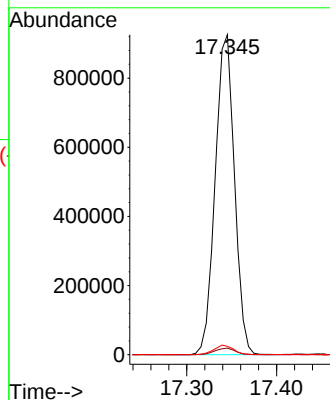
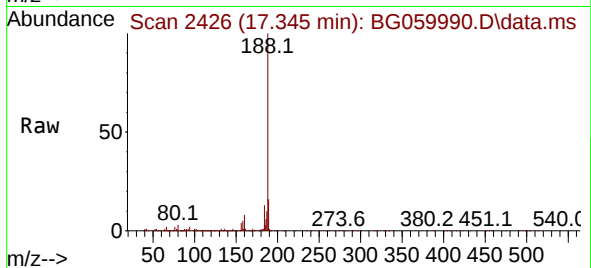
Tgt Ion:188 Resp: 1376781

Ion Ratio Lower Upper

188 100

94 2.1 1.8 2.8

80 2.6 2.6 3.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.611 min Scan# 3152

Delta R.T. -0.010 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

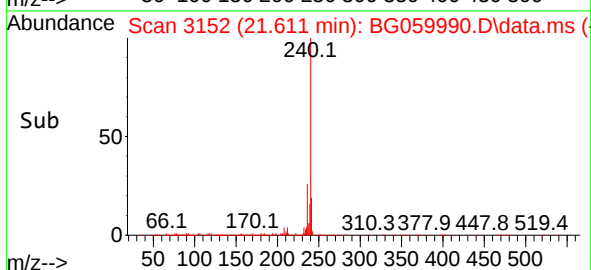
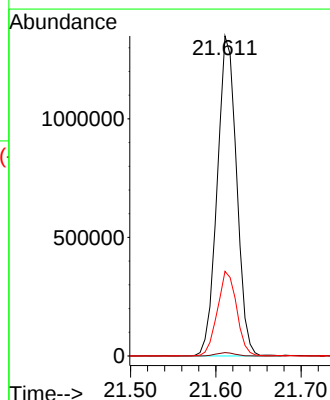
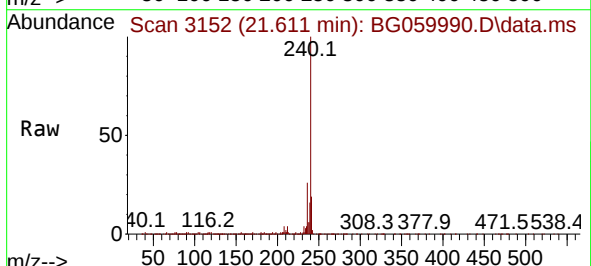
Tgt Ion:240 Resp: 2131573

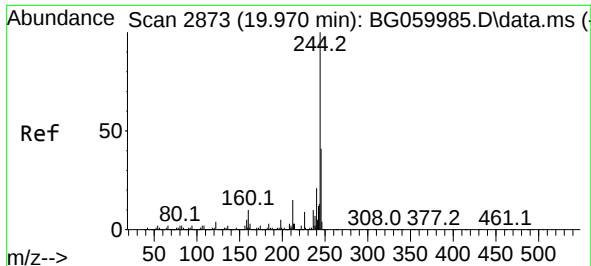
Ion Ratio Lower Upper

240 100

120 1.1 0.9 1.3

236 26.5 21.4 32.2

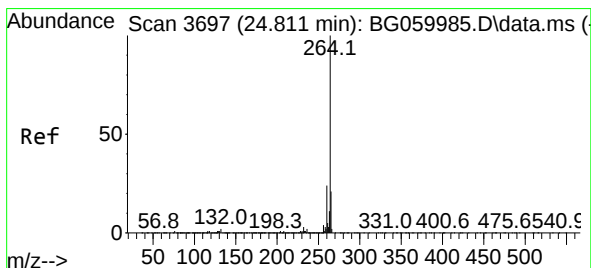
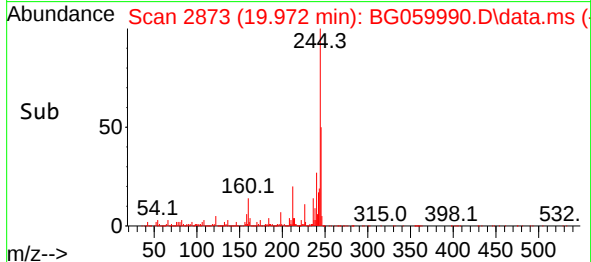
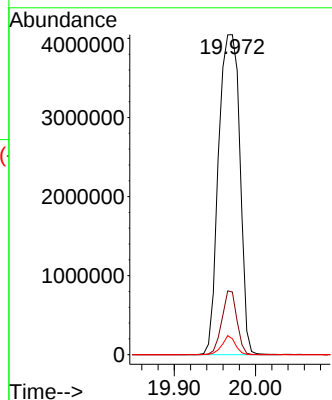
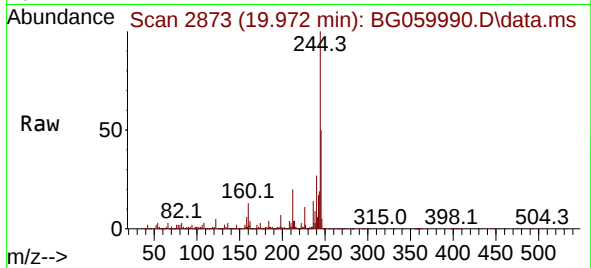




#79
 Terphenyl-d14
 Concen: 95.662 ng
 RT: 19.972 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG059990.D
 Acq: 7 Dec 2023 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB157585BL

Tgt Ion:244 Resp: 7364090
 Ion Ratio Lower Upper
 244 100
 212 19.6 11.9 17.9#
 122 5.0 3.3 4.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.807 min Scan# 3696
 Delta R.T. -0.004 min
 Lab File: BG059990.D
 Acq: 7 Dec 2023 17:22

Tgt Ion:264 Resp: 2495544
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.4 16.8 25.2

