

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059964.D
 Acq On : 6 Dec 2023 11:10
 Operator : MA/JU
 Sample : PB157546BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157546BL

Quant Time: Dec 06 11:55:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	90931	20.000	ng	# 0.00
21) Naphthalene-d8	10.762	136	320669	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	308238	20.000	ng	0.00
64) Phenanthrene-d10	17.348	188	1170598	20.000	ng	0.00
76) Chrysene-d12	21.614	240	1785941	20.000	ng	0.00
86) Perylene-d12	24.810	264	2069458	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	740822	163.694	ng	0.00
7) Phenol-d6	7.113	99	975910	136.816	ng	0.00
23) Nitrobenzene-d5	9.122	82	685599	76.428	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	1387217	139.879	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	2396643	84.804	ng	0.00
79) Terphenyl-d14	19.968	244	6458362	62.340	ng	0.00

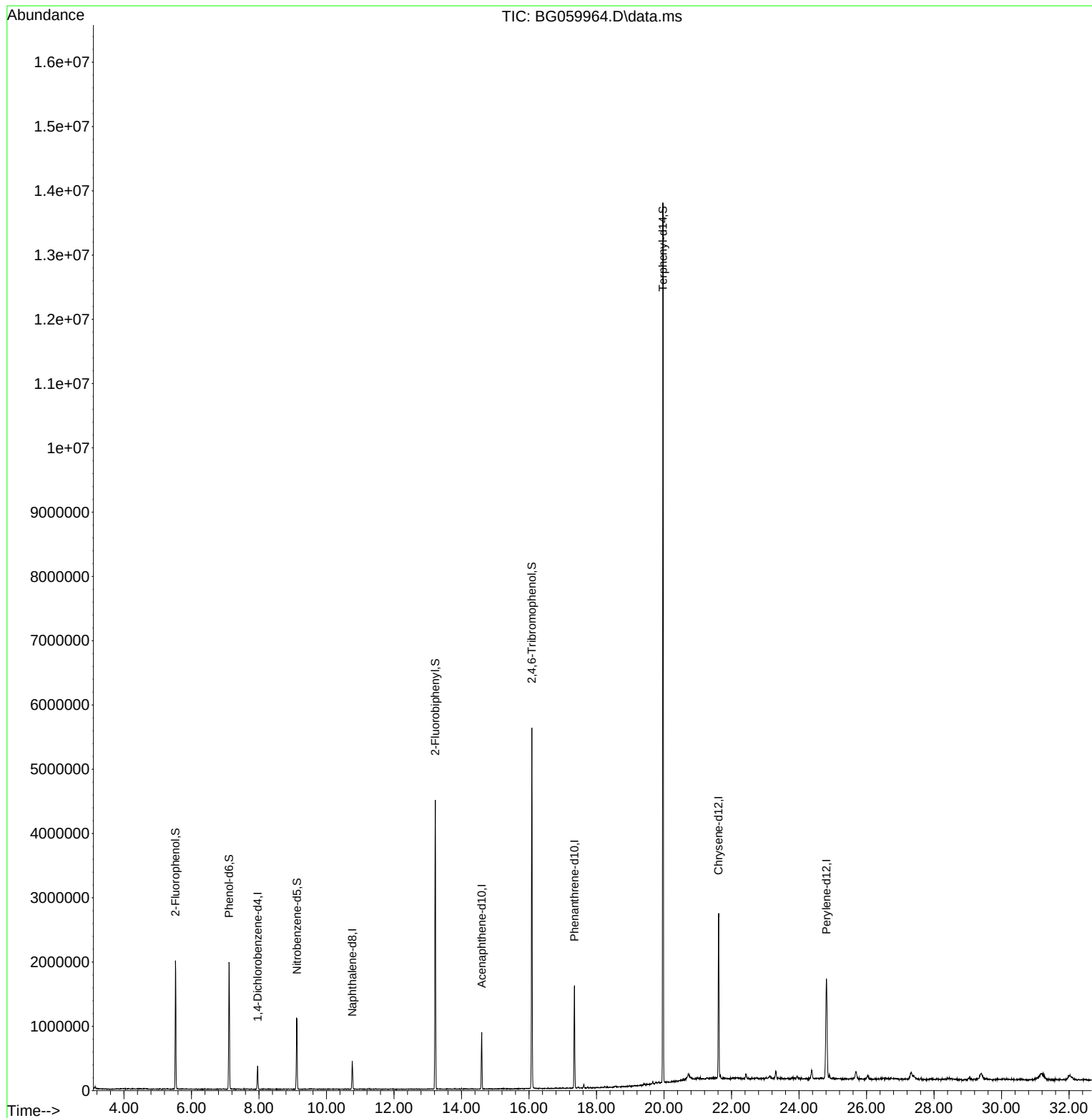
Target Compounds	Qvalue

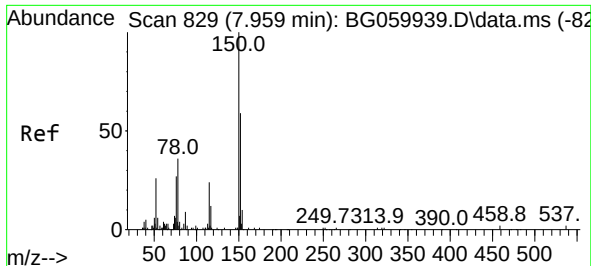
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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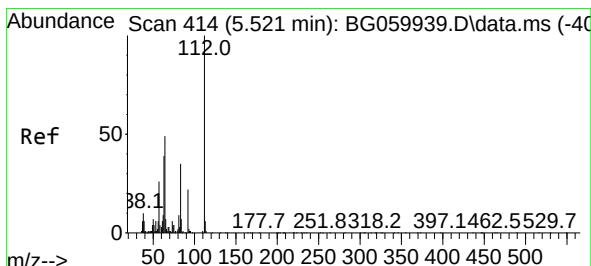
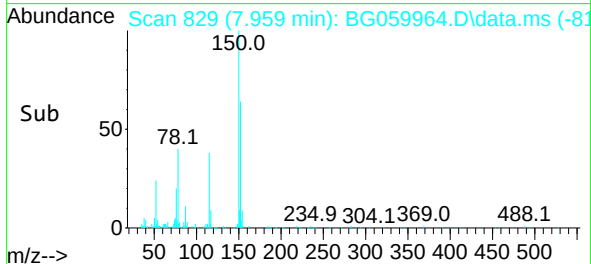
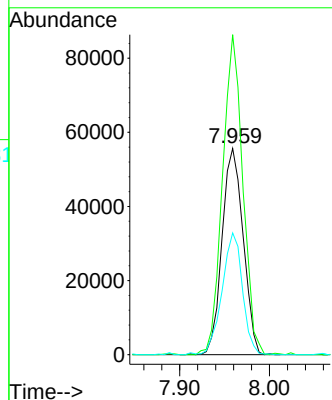
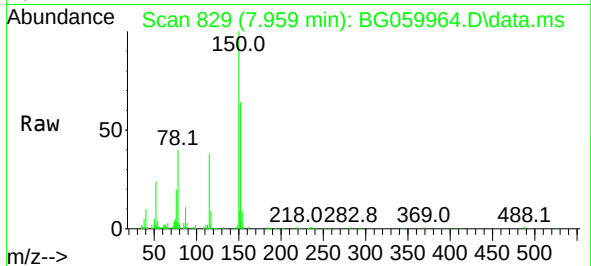




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

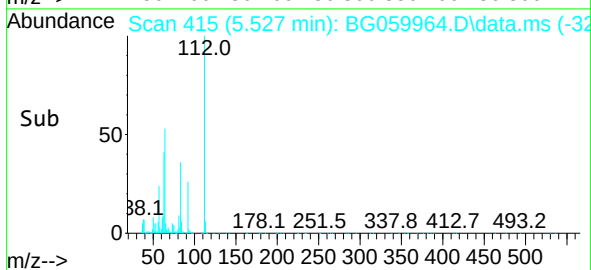
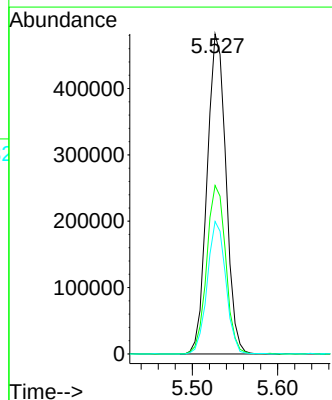
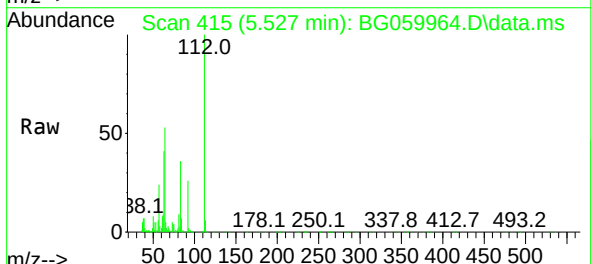
Instrument :
BNA_G
ClientSampleId :
PB157546BL

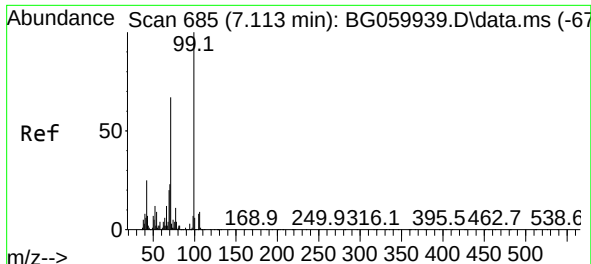
Tgt Ion:152 Resp: 90931
Ion Ratio Lower Upper
152 100
150 155.1 136.9 205.3
115 59.0 32.9 49.3#



#5
2-Fluorophenol
Concen: 163.694 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.006 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

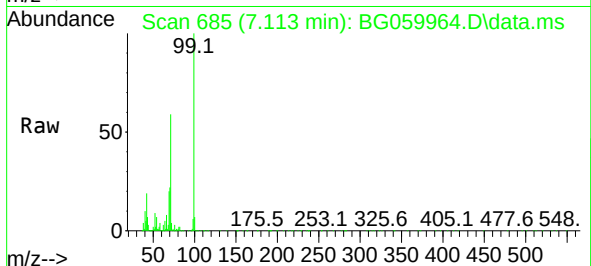
Tgt Ion:112 Resp: 740822
Ion Ratio Lower Upper
112 100
64 52.6 39.4 59.0
63 41.4 31.2 46.8



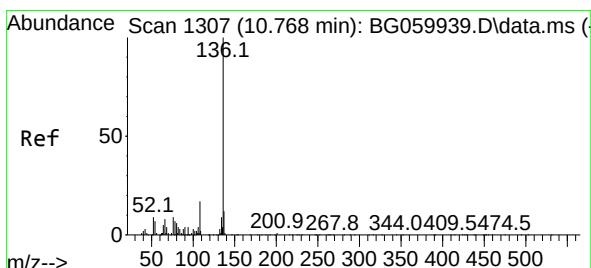
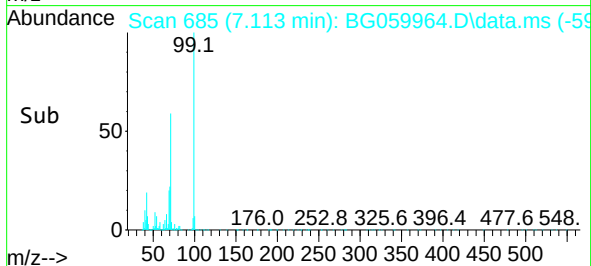
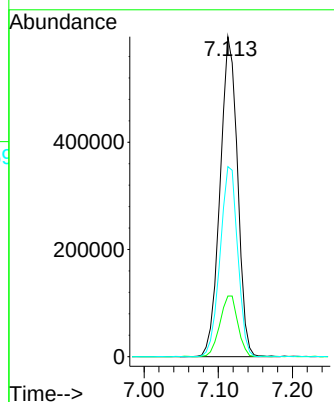


#7
Phenol-d6
Concen: 136.816 ng
RT: 7.113 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

Instrument :
BNA_G
ClientSampleId :
PB157546BL

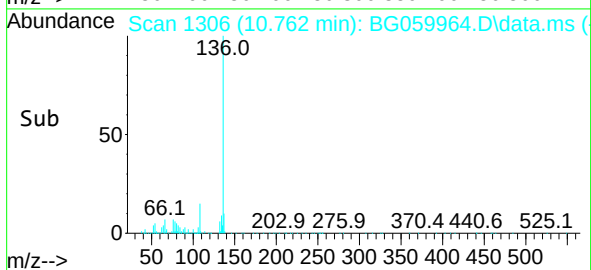
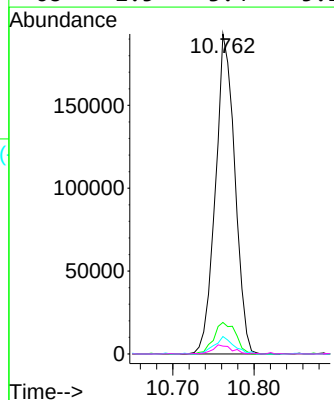
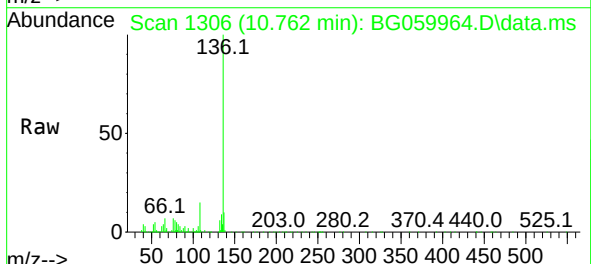


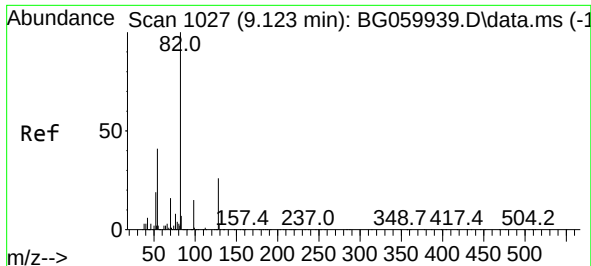
Tgt Ion: 99 Resp: 975910
Ion Ratio Lower Upper
99 100
42 18.9 20.1 30.1#
71 59.4 53.8 80.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

Tgt Ion:136 Resp: 320669
Ion Ratio Lower Upper
136 100
137 9.9 9.8 14.6
54 5.4 5.8 8.6#
68 2.5 3.4 5.2#

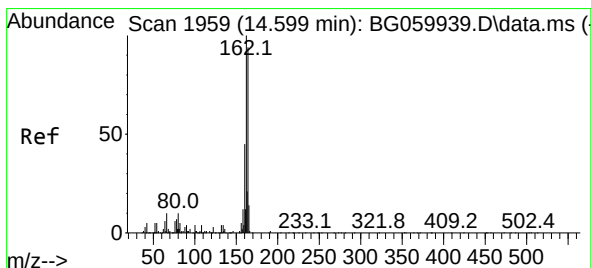
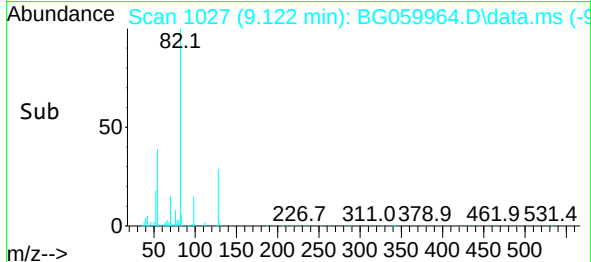
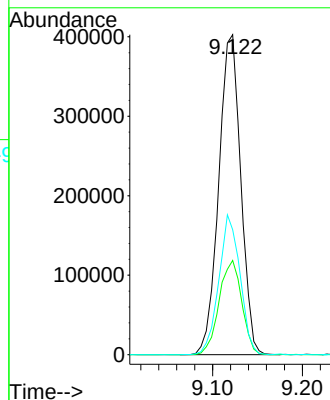
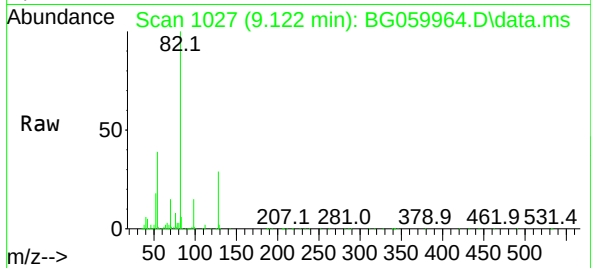




#23
Nitrobenzene-d5
Concen: 76.428 ng
RT: 9.122 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

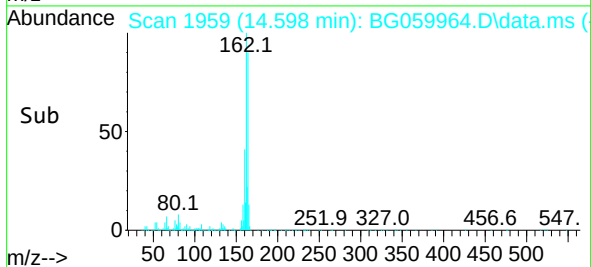
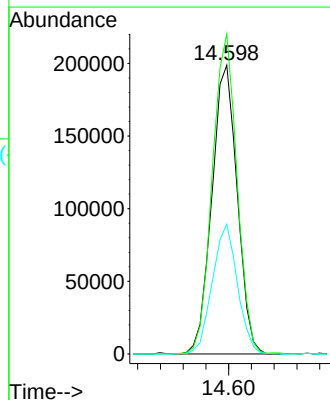
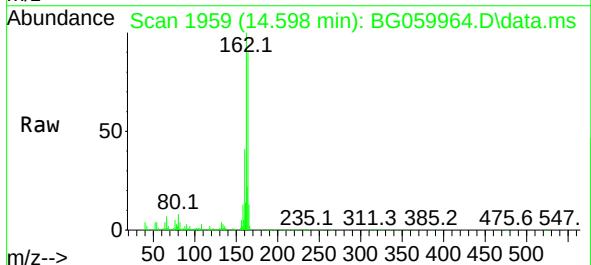
Instrument :
BNA_G
ClientSampleId :
PB157546BL

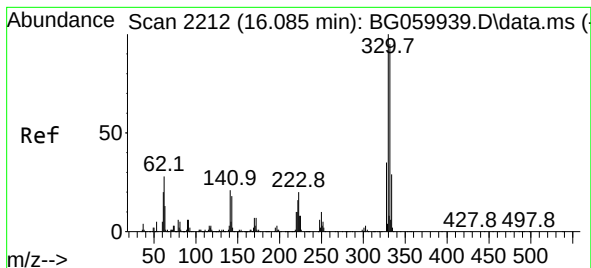
Tgt Ion: 82 Resp: 685599
Ion Ratio Lower Upper
82 100
128 29.5 21.0 31.6
54 39.0 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

Tgt Ion:164 Resp: 308238
Ion Ratio Lower Upper
164 100
162 110.8 85.0 127.6
160 45.0 38.1 57.1

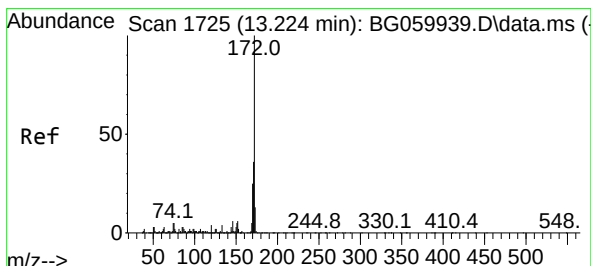
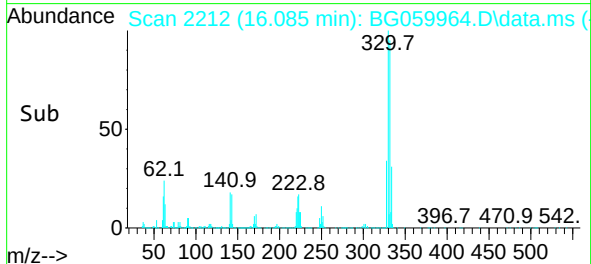
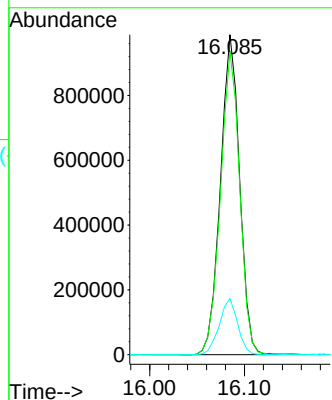
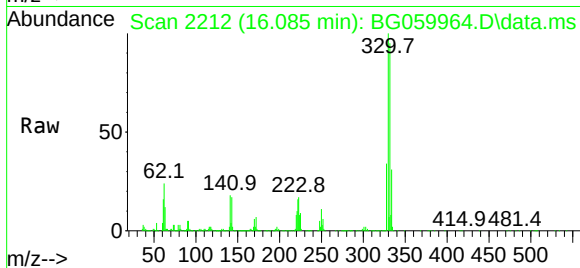




#42
2,4,6-Tribromophenol
Concen: 139.879 ng
RT: 16.085 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

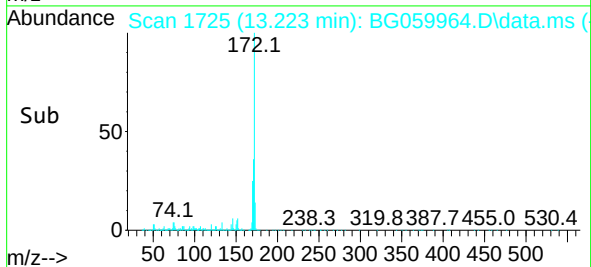
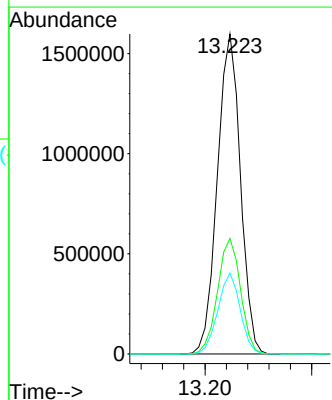
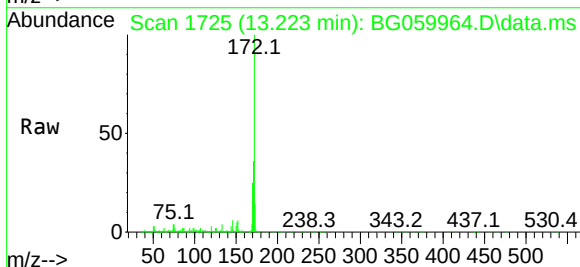
Instrument :
BNA_G
ClientSampleId :
PB157546BL

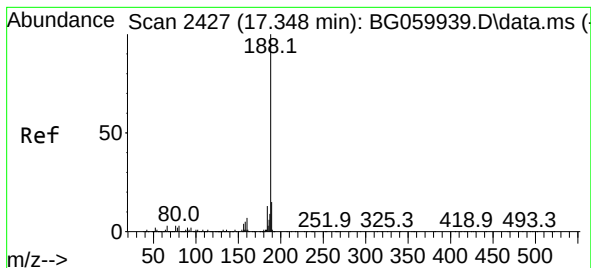
Tgt Ion:330 Resp: 1387217
Ion Ratio Lower Upper
330 100
332 95.1 76.5 114.7
141 16.9 15.0 22.6



#45
2-Fluorobiphenyl
Concen: 84.804 ng
RT: 13.223 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

Tgt Ion:172 Resp: 2396643
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 25.3 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.348 min Scan# 24

Delta R.T. -0.000 min

Lab File: BG059964.D

Acq: 6 Dec 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB157546BL

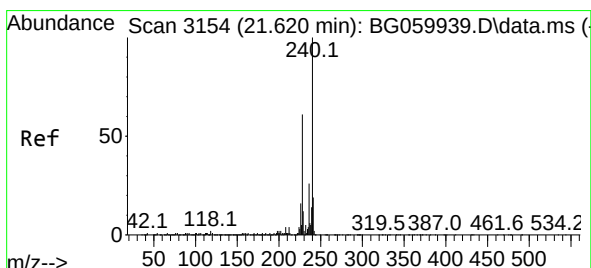
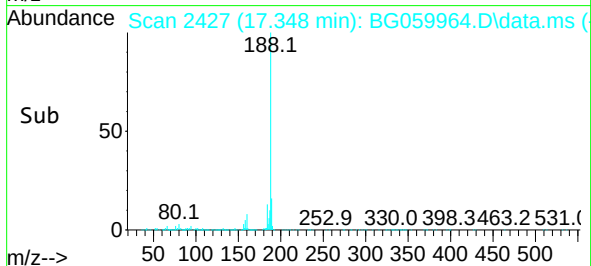
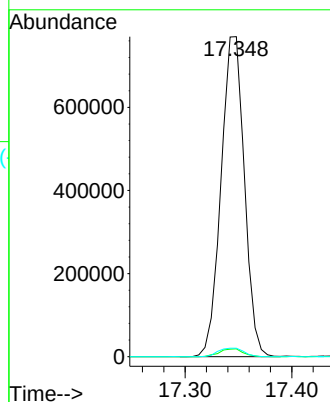
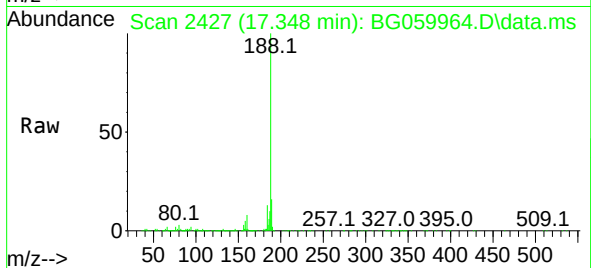
Tgt Ion:188 Resp: 1170598

Ion Ratio Lower Upper

188 100

94 2.5 1.8 2.6

80 2.6 2.2 3.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.614 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BG059964.D

Acq: 6 Dec 2023 11:10

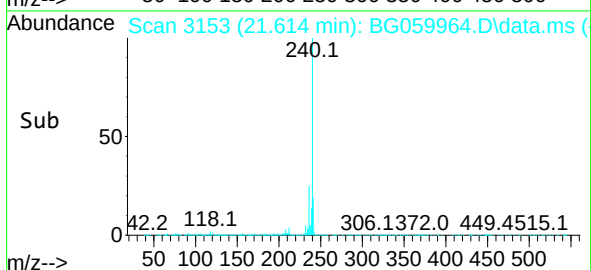
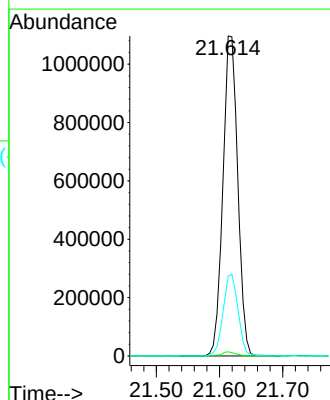
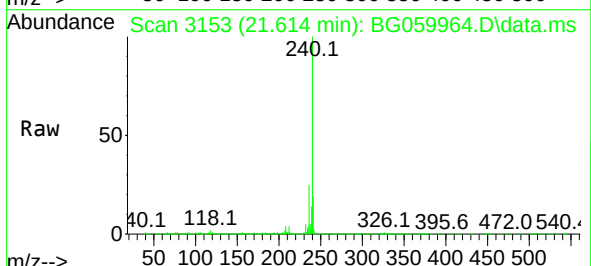
Tgt Ion:240 Resp: 1785941

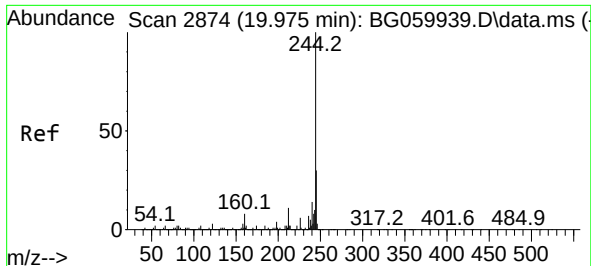
Ion Ratio Lower Upper

240 100

120 1.3 1.0 1.4

236 24.9 20.8 31.2

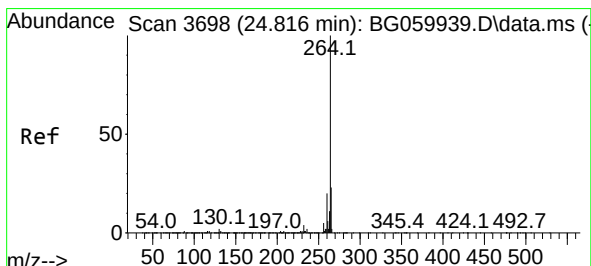
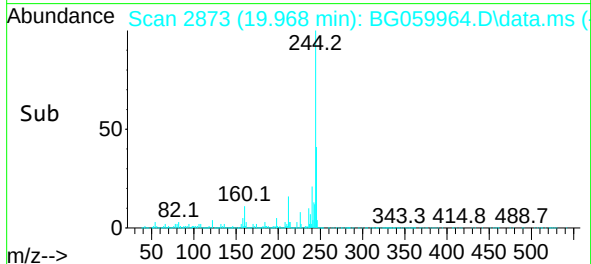
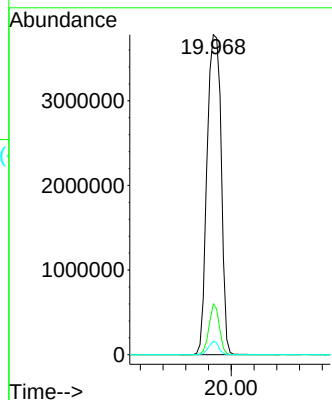
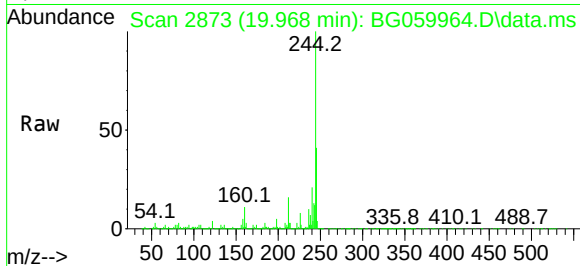




#79
 Terphenyl-d14
 Concen: 62.340 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG059964.D
 Acq: 6 Dec 2023 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB157546BL

Tgt Ion:244 Resp: 6458362
 Ion Ratio Lower Upper
 244 100
 212 15.9 8.6 13.0#
 122 4.2 2.1 3.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.810 min Scan# 3697
 Delta R.T. -0.006 min
 Lab File: BG059964.D
 Acq: 6 Dec 2023 11:10

Tgt Ion:264 Resp: 2069458
 Ion Ratio Lower Upper
 264 100
 260 23.7 15.8 23.6#
 265 22.3 18.1 27.1

