

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058610.D
 Acq On : 4 Aug 2023 14:07
 Operator : MA/JU
 Sample : 03887-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MCLEAN-TP9

Quant Time: Aug 04 19:22:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	53265	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	226160	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	157072	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	353383	20.000	ng	0.00
76) Chrysene-d12	21.443	240	312184	20.000	ng	0.00
86) Perylene-d12	24.516	264	382563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	269048	77.204	ng	0.00
7) Phenol-d6	6.983	99	384365	79.264	ng	0.00
23) Nitrobenzene-d5	8.975	82	222110	48.246	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	172513	67.008	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	530404	50.605	ng	0.00
79) Terphenyl-d14	19.827	244	900041	54.216	ng	0.00

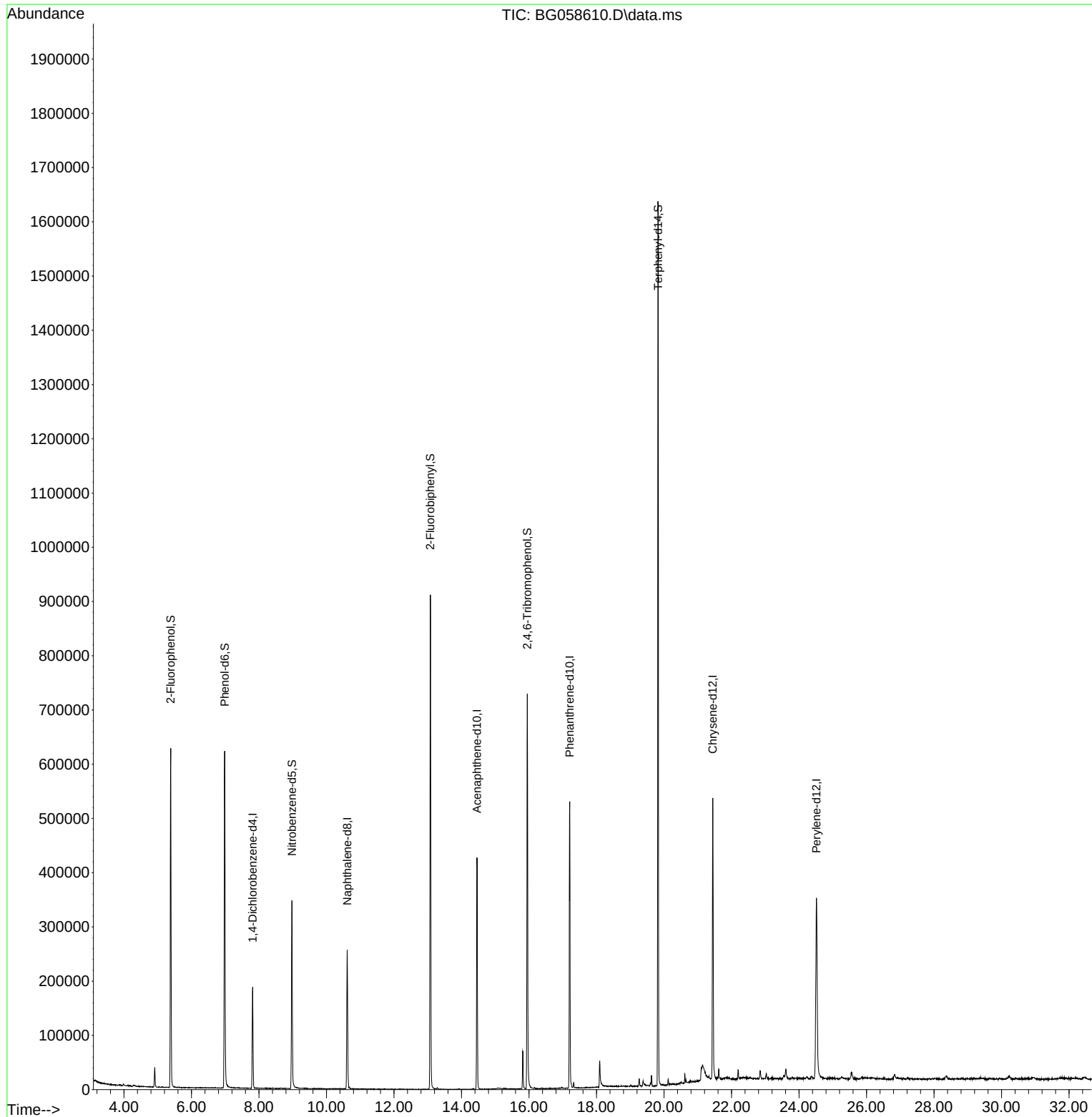
Target Compounds	Qvalue

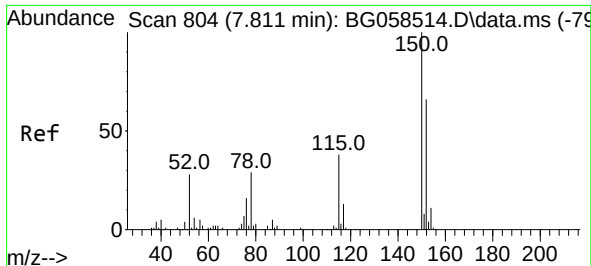
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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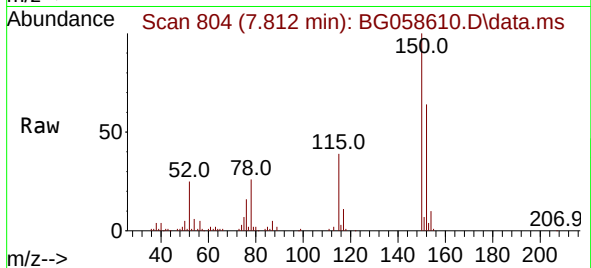
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

Instrument :

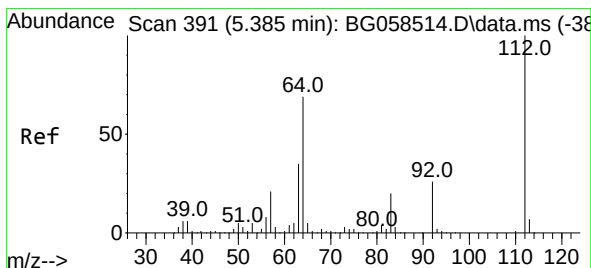
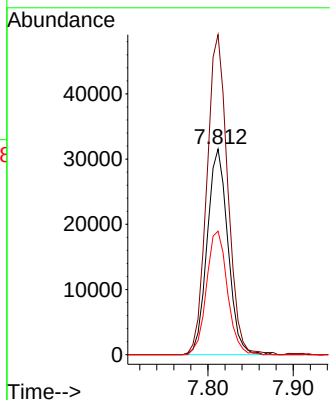
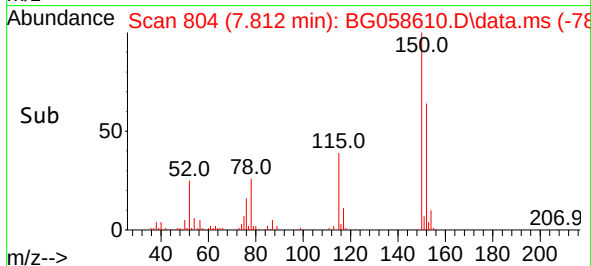
BNA_G

ClientSampleId :

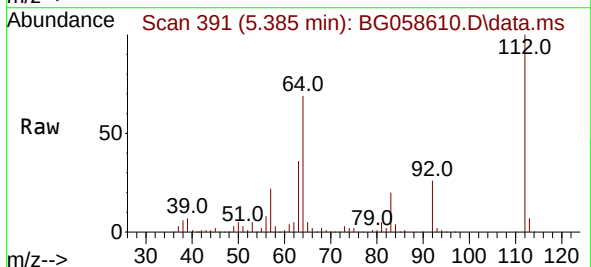
MCLEAN-TP9



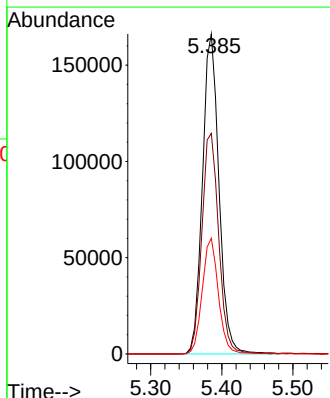
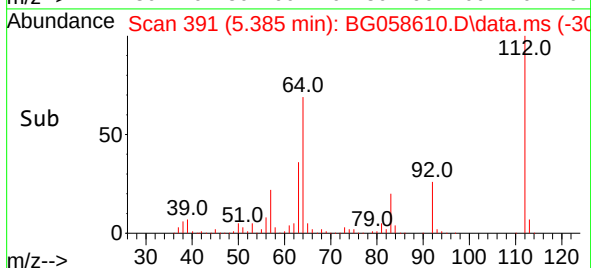
Tgt Ion:152 Resp: 53265
Ion Ratio Lower Upper
152 100
150 155.6 120.5 180.7
115 60.1 45.9 68.9

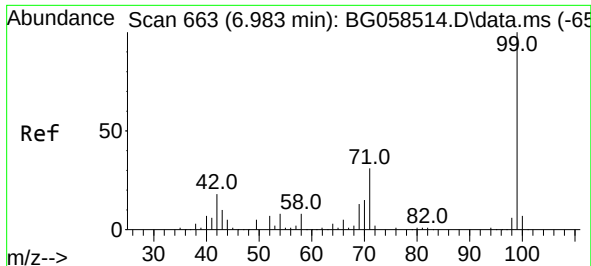


#5
2-Fluorophenol
Concen: 77.204 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07



Tgt Ion:112 Resp: 269048
Ion Ratio Lower Upper
112 100
64 68.9 55.3 82.9
63 36.2 28.3 42.5

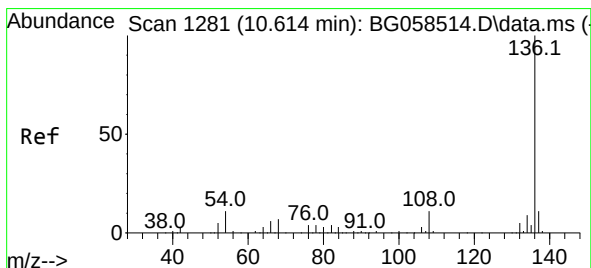
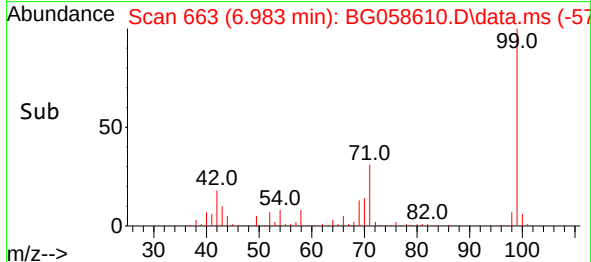
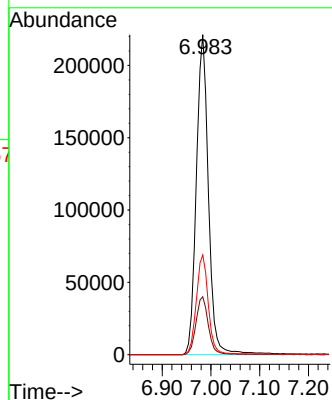
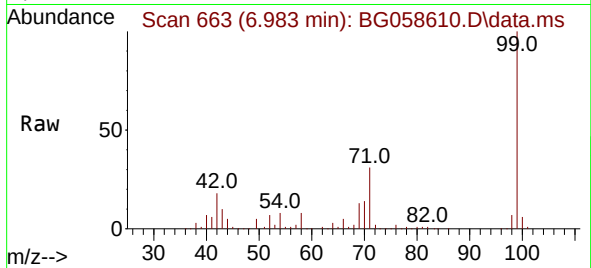




#7
Phenol-d6
Concen: 79.264 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

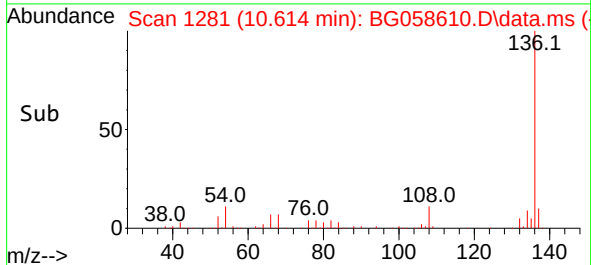
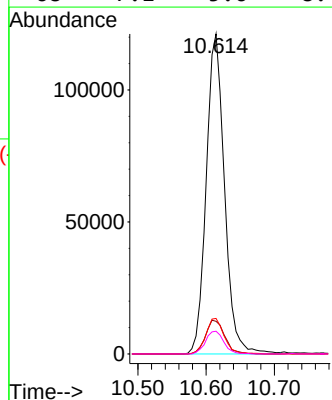
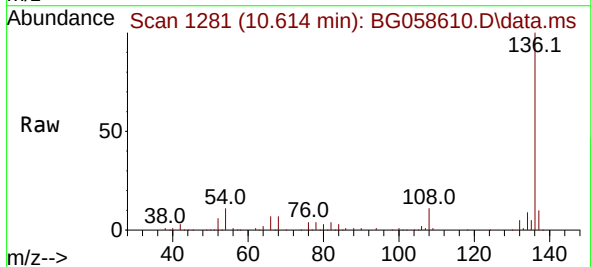
Instrument :
BNA_G
ClientSampleId :
MCLEAN-TP9

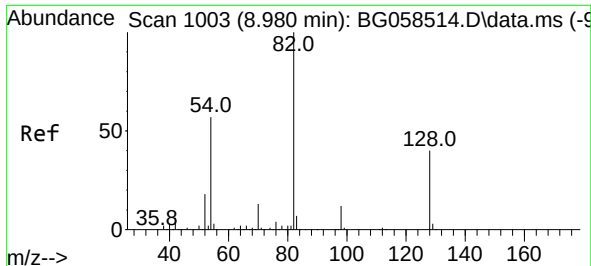
Tgt Ion: 99 Resp: 384365
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 31.2 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

Tgt Ion: 136 Resp: 226160
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 11.1 8.9 13.3
68 7.1 5.6 8.4

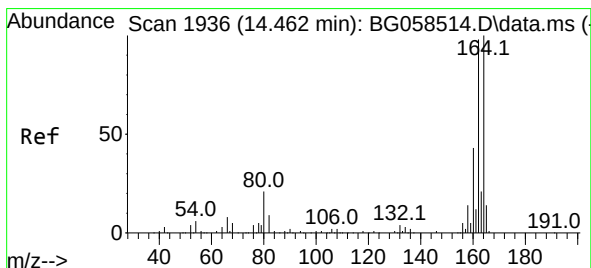
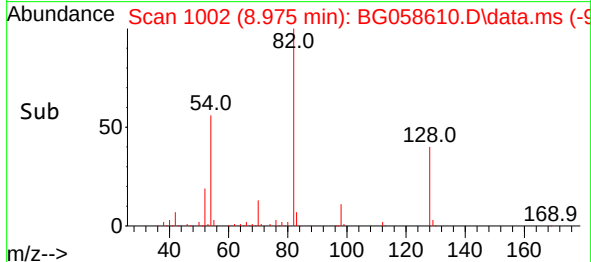
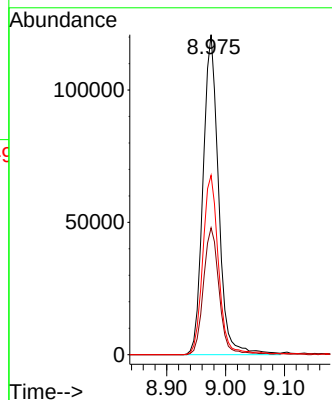
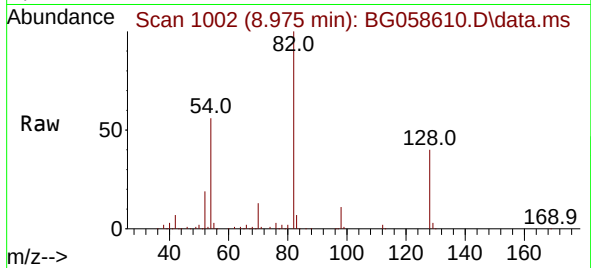




#23
Nitrobenzene-d5
Concen: 48.246 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

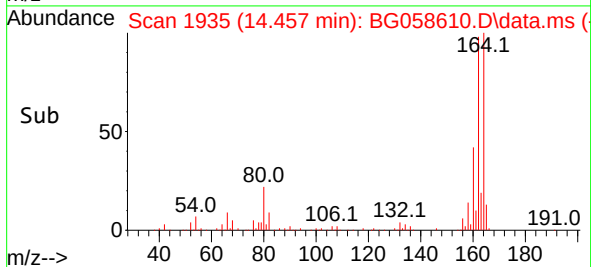
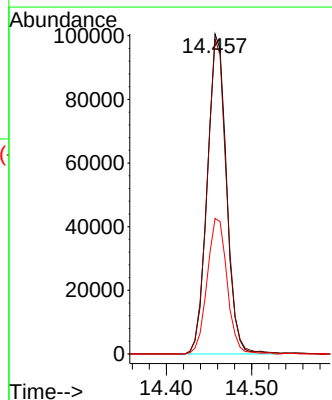
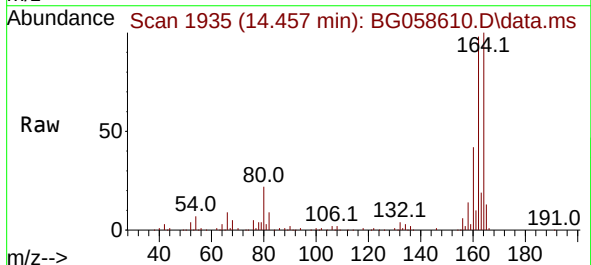
Instrument :
BNA_G
ClientSampleId :
MCLEAN-TP9

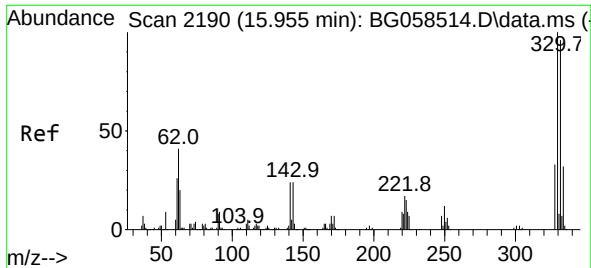
Tgt Ion: 82 Resp: 222110
Ion Ratio Lower Upper
82 100
128 39.7 32.2 48.2
54 56.0 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

Tgt Ion:164 Resp: 157072
Ion Ratio Lower Upper
164 100
162 98.3 78.3 117.5
160 42.4 34.1 51.1

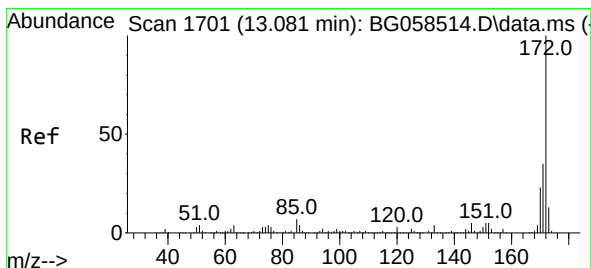
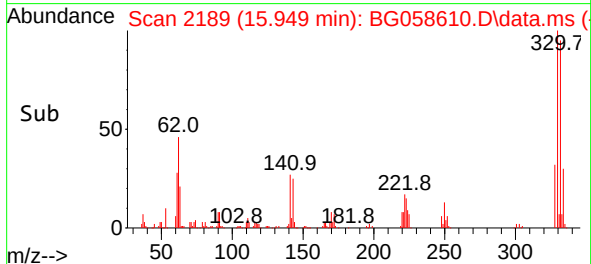
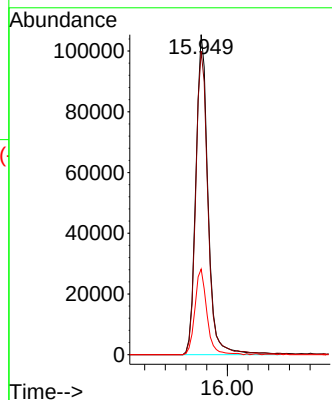
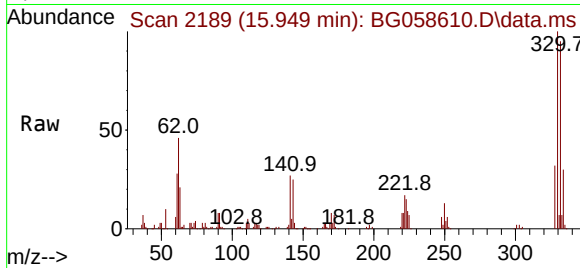




#42
 2,4,6-Tribromophenol
 Concen: 67.008 ng
 RT: 15.949 min Scan# 2190
 Delta R.T. -0.005 min
 Lab File: BG058610.D
 Acq: 4 Aug 2023 14:07

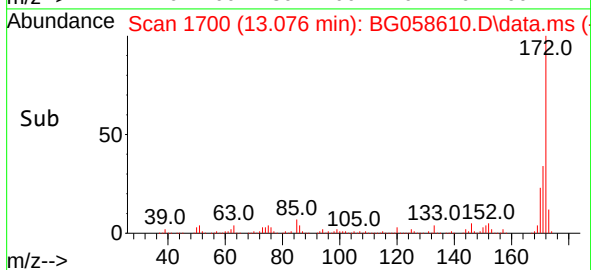
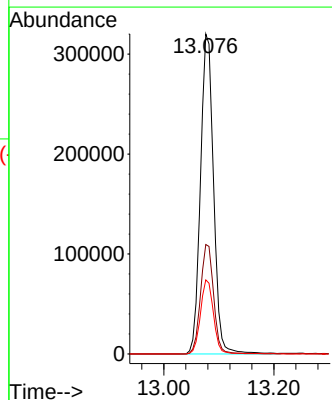
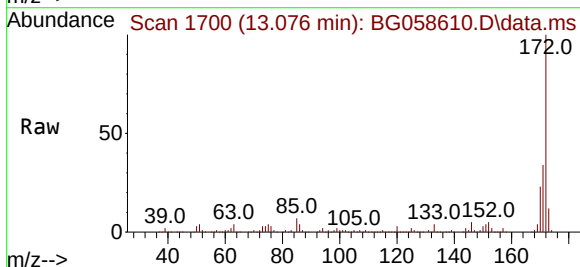
Instrument :
 BNA_G
 ClientSampleId :
 MCLEAN-TP9

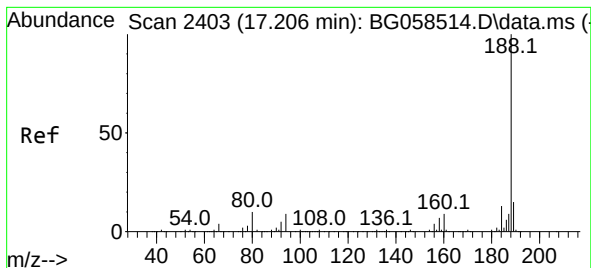
Tgt Ion:330 Resp: 172513
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.5 116.3
 141 26.2 20.7 31.1



#45
 2-Fluorobiphenyl
 Concen: 50.605 ng
 RT: 13.076 min Scan# 1700
 Delta R.T. -0.005 min
 Lab File: BG058610.D
 Acq: 4 Aug 2023 14:07

Tgt Ion:172 Resp: 530404
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.0 42.0
 170 23.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058610.D

Acq: 4 Aug 2023 14:07

Instrument :

BNA_G

ClientSampleId :

MCLEAN-TP9

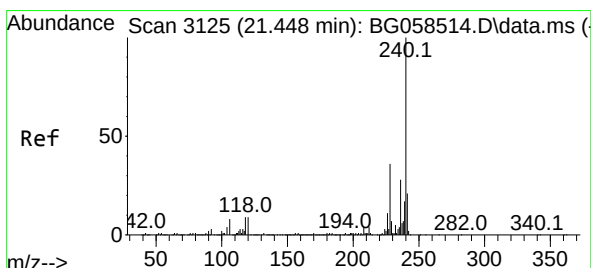
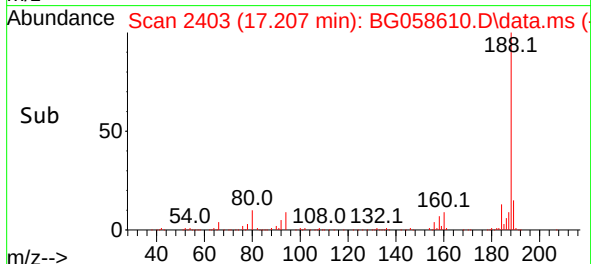
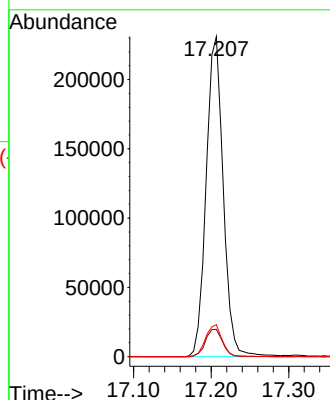
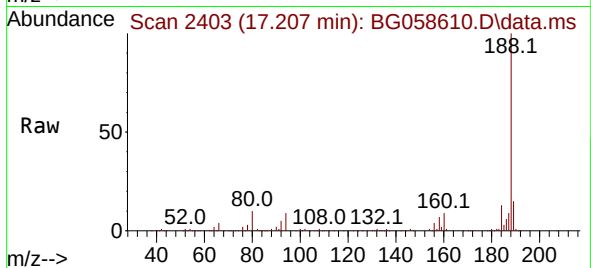
Tgt Ion:188 Resp: 353383

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 10.0 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.443 min Scan# 3124

Delta R.T. -0.005 min

Lab File: BG058610.D

Acq: 4 Aug 2023 14:07

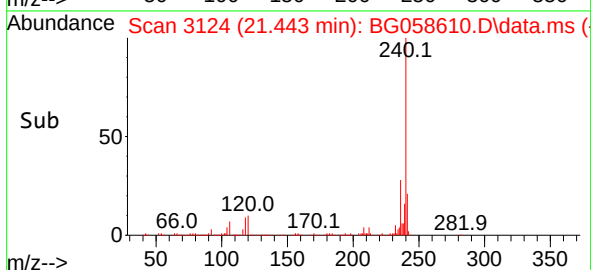
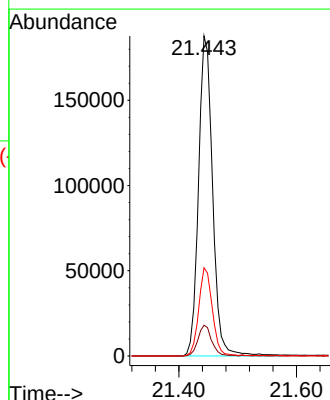
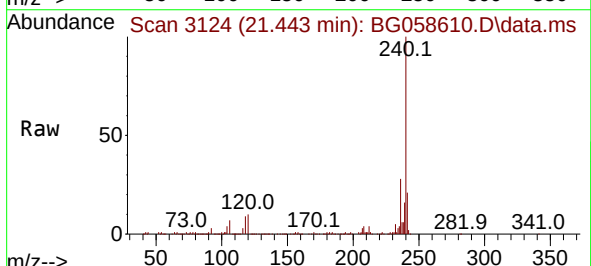
Tgt Ion:240 Resp: 312184

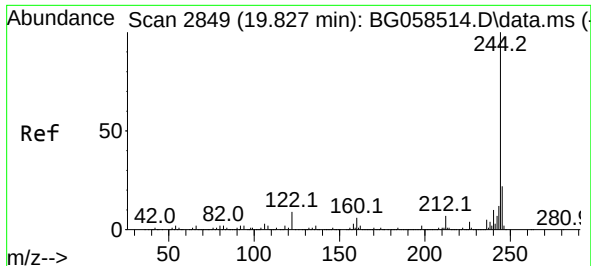
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

236 27.5 22.2 33.4

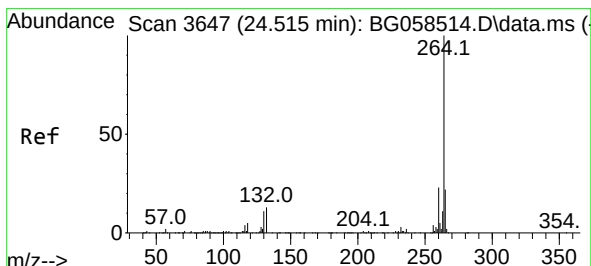
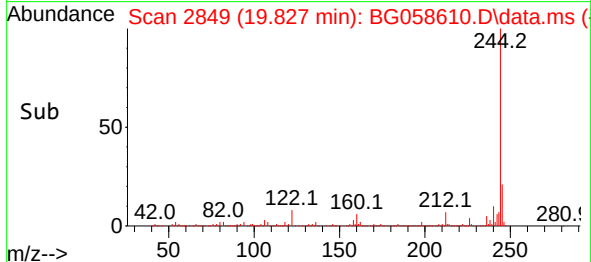
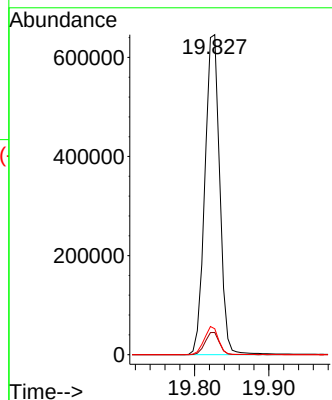
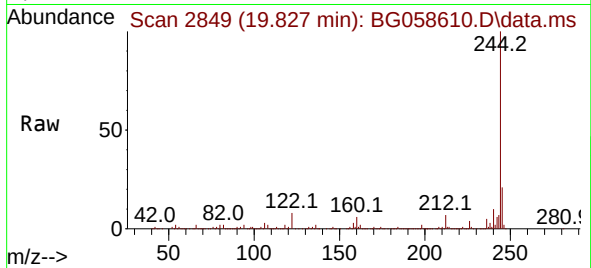




#79
 Terphenyl-d14
 Concen: 54.216 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058610.D
 Acq: 4 Aug 2023 14:07

Instrument :
 BNA_G
 ClientSampleId :
 MCLEAN-TP9

Tgt Ion:244 Resp: 900041
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.1 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BG058610.D
 Acq: 4 Aug 2023 14:07

Tgt Ion:264 Resp: 382563
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 22.3 17.9 26.9

