

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057906.D
 Acq On : 29 Jun 2023 16:03
 Operator : CG/JU
 Sample : 03324-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Jun 29 16:49:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	59009	20.000	ng	0.00
21) Naphthalene-d8	10.720	136	240129	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	149985	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	327775	20.000	ng	0.00
76) Chrysene-d12	21.554	240	274201	20.000	ng	0.00
86) Perylene-d12	24.710	264	349253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	155388	40.289	ng	0.00
7) Phenol-d6	7.183	99	132316	22.942	ng	0.10
23) Nitrobenzene-d5	9.087	82	419942	85.706	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	174840	69.405	ng	0.00
45) 2-Fluorobiphenyl	13.176	172	844747	85.950	ng	0.00
79) Terphenyl-d14	19.921	244	1182596	78.628	ng	0.00

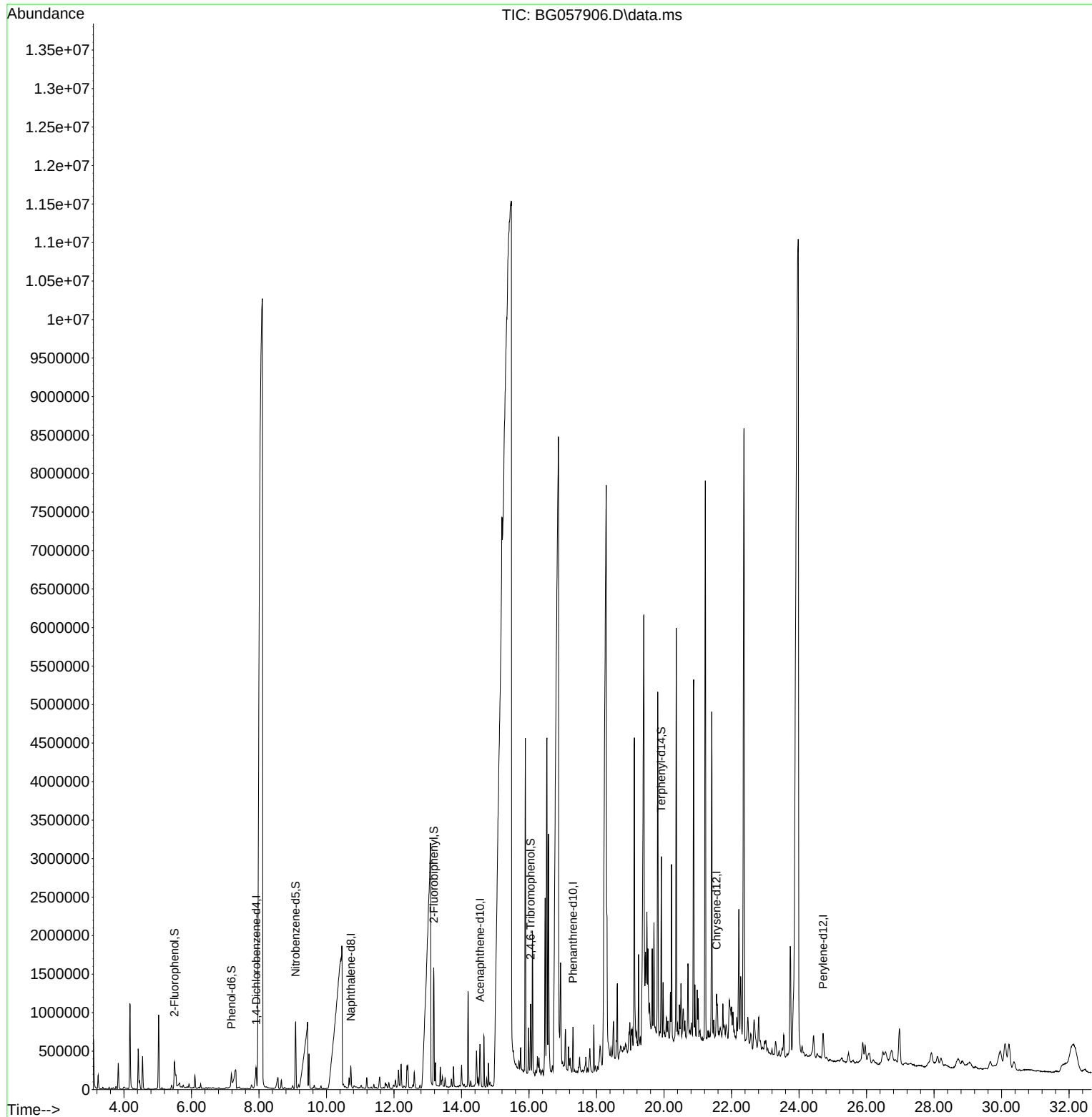
Target Compounds	Qvalue

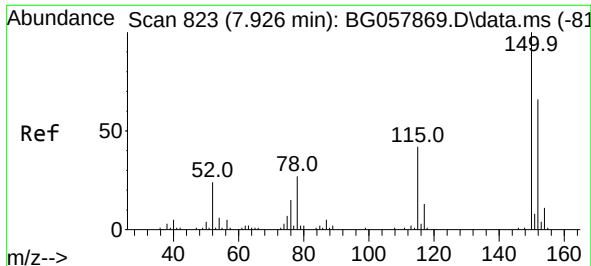
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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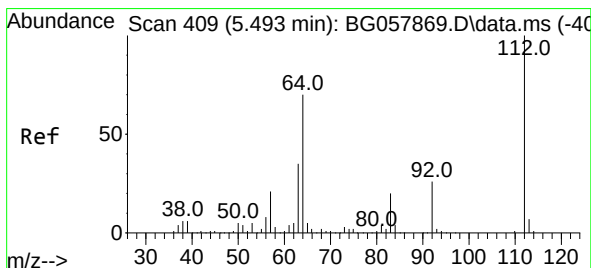
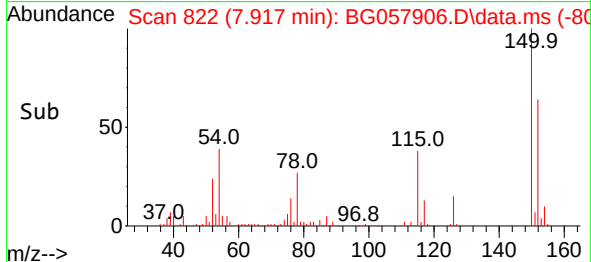
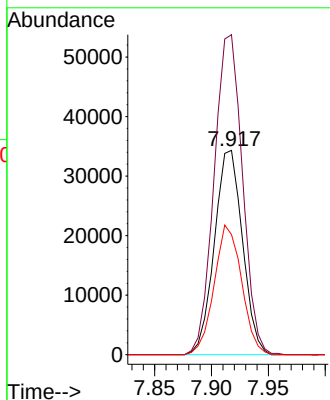
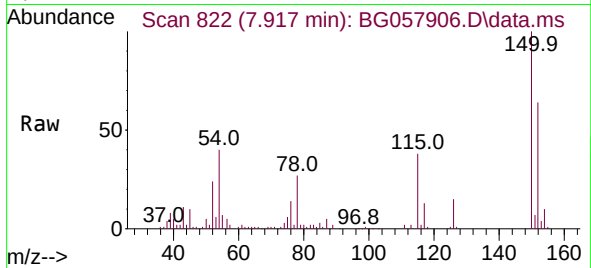




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.917 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057906.D
Acq: 29 Jun 2023 16:03

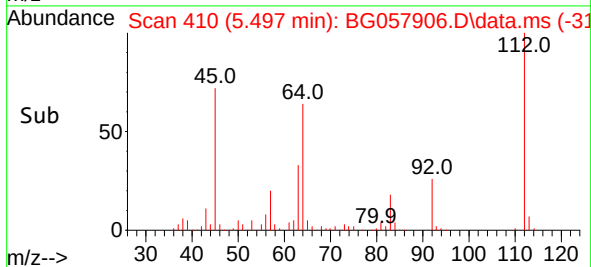
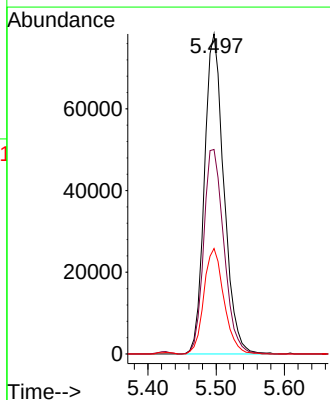
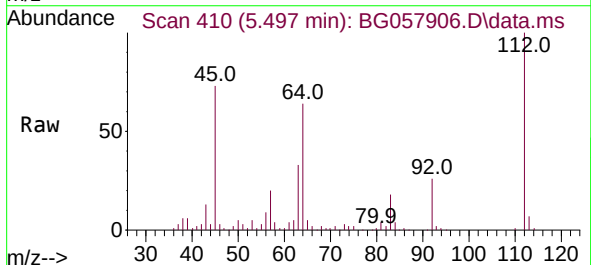
Instrument :
BNA_G
ClientSampleId :
EFF-WW

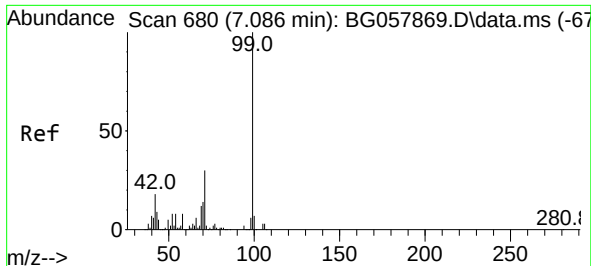
Tgt Ion:152 Resp: 59009
Ion Ratio Lower Upper
152 100
150 156.7 122.0 183.0
115 58.8 50.7 76.1



#5
2-Fluorophenol
Concen: 40.289 ng
RT: 5.497 min Scan# 410
Delta R.T. 0.003 min
Lab File: BG057906.D
Acq: 29 Jun 2023 16:03

Tgt Ion:112 Resp: 155388
Ion Ratio Lower Upper
112 100
64 63.9 55.8 83.6
63 33.0 27.9 41.9

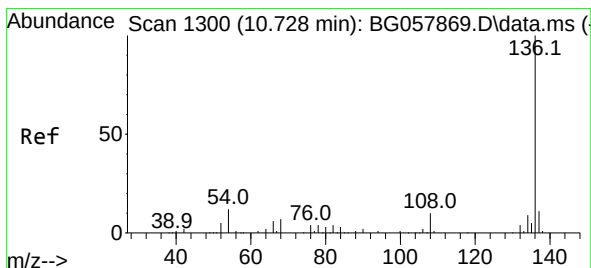
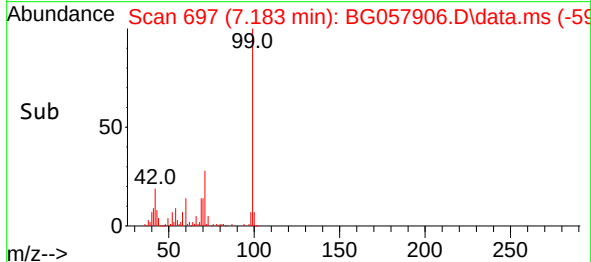
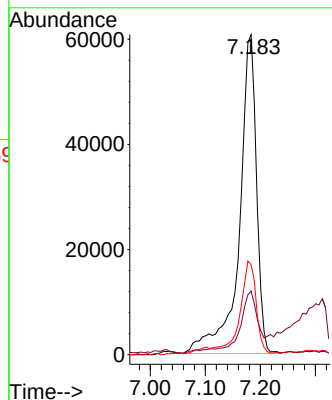
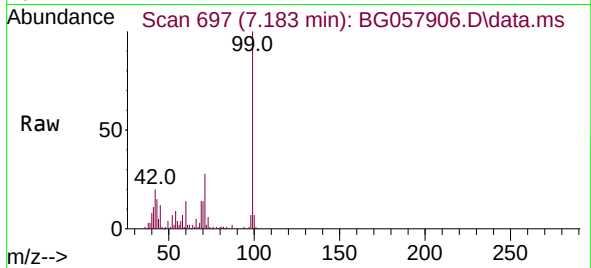




#7
Phenol-d6
Concen: 22.942 ng
RT: 7.183 min Scan# 61
Delta R.T. 0.098 min
Lab File: BG057906.D
Acq: 29 Jun 2023 16:03

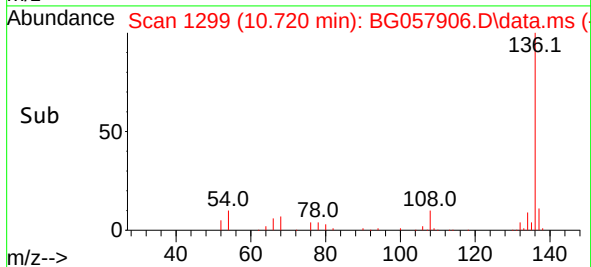
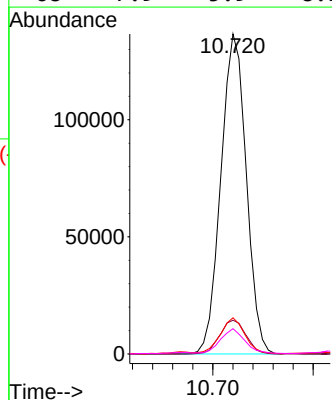
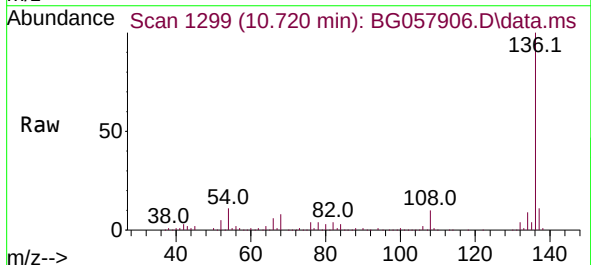
Instrument :
BNA_G
ClientSampleId :
EFF-WW

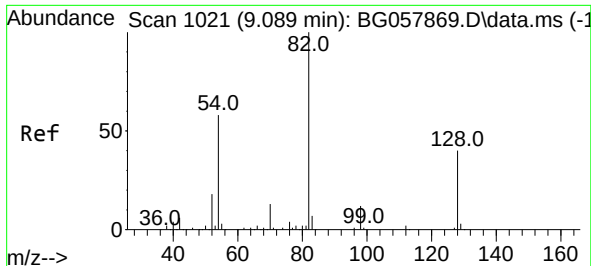
Tgt Ion: 99 Resp: 132316
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 28.2 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1299
Delta R.T. -0.008 min
Lab File: BG057906.D
Acq: 29 Jun 2023 16:03

Tgt Ion: 136 Resp: 240129
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 11.3 9.3 13.9
68 7.9 5.9 8.9





#23

Nitrobenzene-d5

Concen: 85.706 ng

RT: 9.087 min Scan# 1021

Delta R.T. -0.002 min

Lab File: BG057906.D

Acq: 29 Jun 2023 16:03

Instrument :

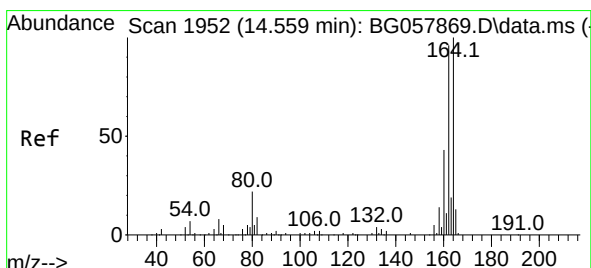
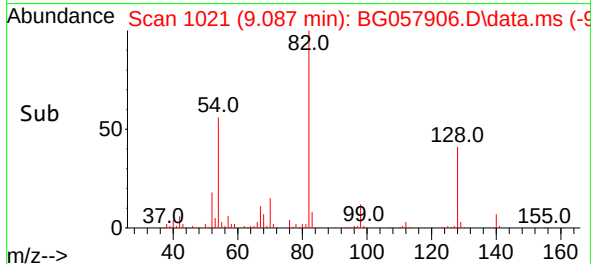
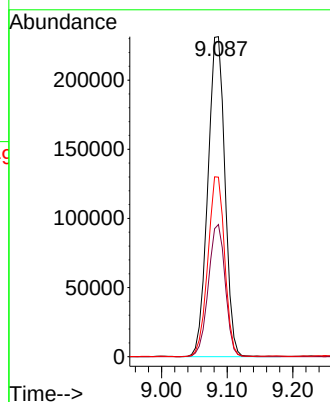
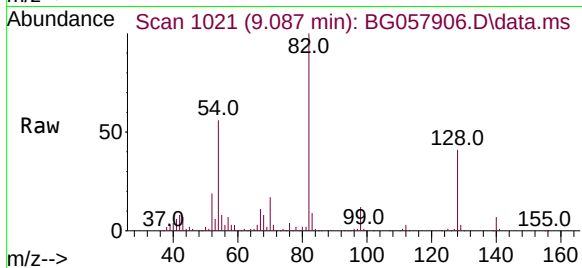
BNA_G

ClientSampleId :

EFF-WW

Tgt Ion: 82 Resp: 419942

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.2	48.4
54	56.1	46.1	69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1951

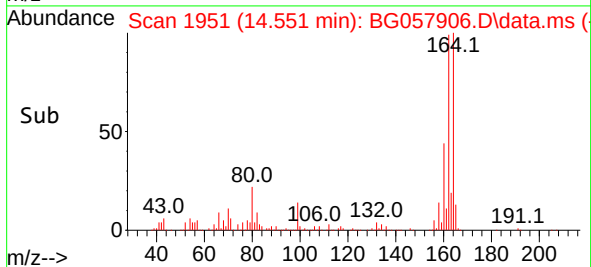
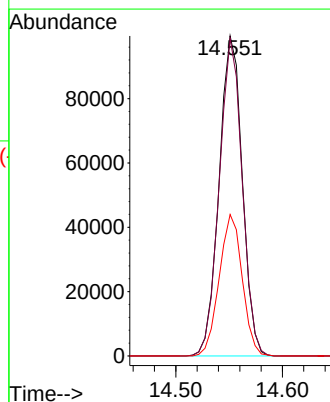
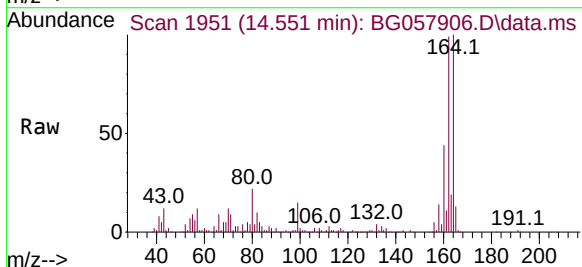
Delta R.T. -0.008 min

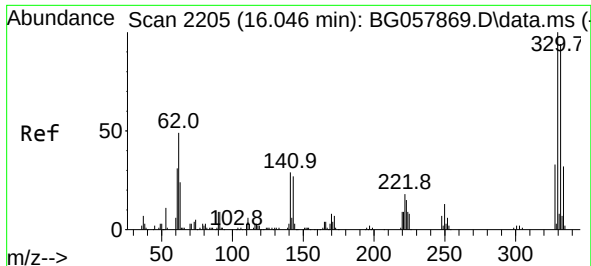
Lab File: BG057906.D

Acq: 29 Jun 2023 16:03

Tgt Ion: 164 Resp: 149985

Ion	Ratio	Lower	Upper
164	100		
162	99.3	76.4	114.6
160	44.2	34.2	51.2

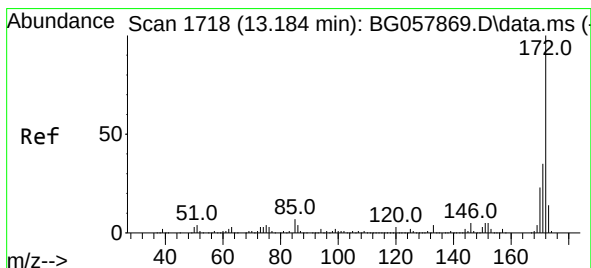
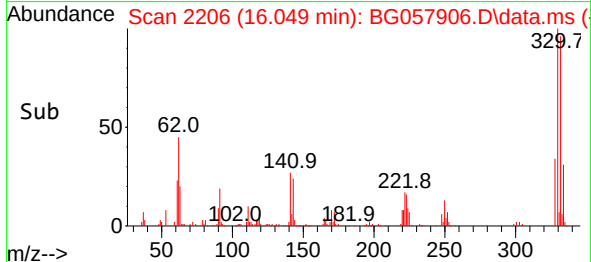
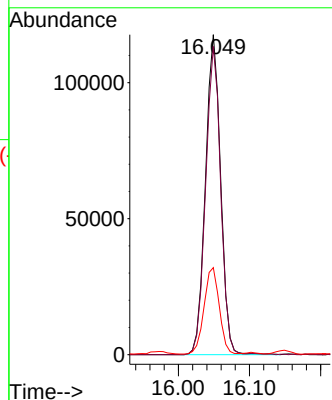
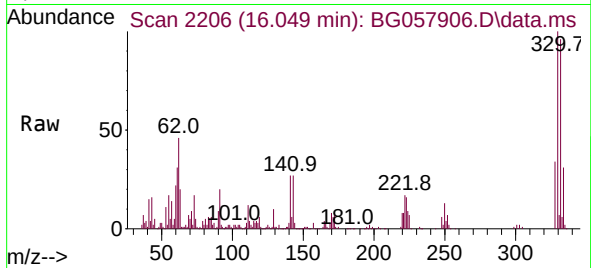




#42
 2,4,6-Tribromophenol
 Concen: 69.405 ng
 RT: 16.049 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057906.D
 Acq: 29 Jun 2023 16:03

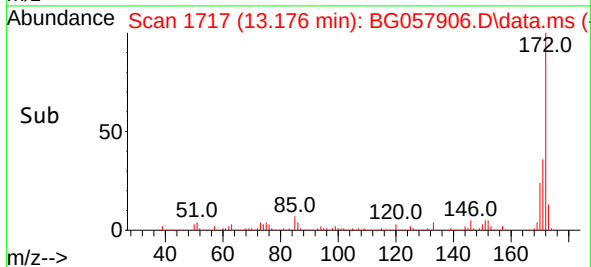
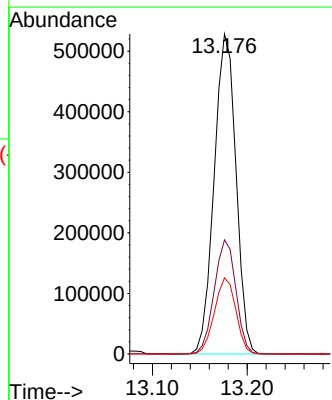
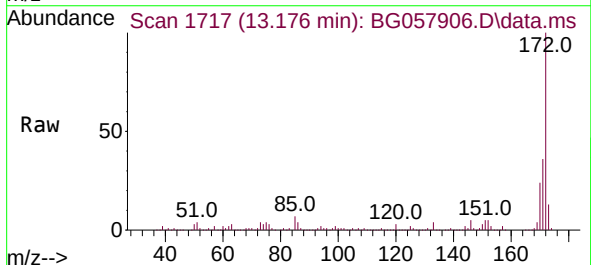
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

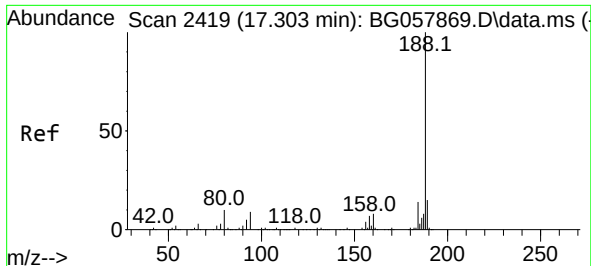
Tgt Ion:330 Resp: 174840
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.1 115.7
 141 27.0 22.2 33.4



#45
 2-Fluorobiphenyl
 Concen: 85.950 ng
 RT: 13.176 min Scan# 1717
 Delta R.T. -0.008 min
 Lab File: BG057906.D
 Acq: 29 Jun 2023 16:03

Tgt Ion:172 Resp: 844747
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.8 41.8
 170 23.8 18.6 27.8

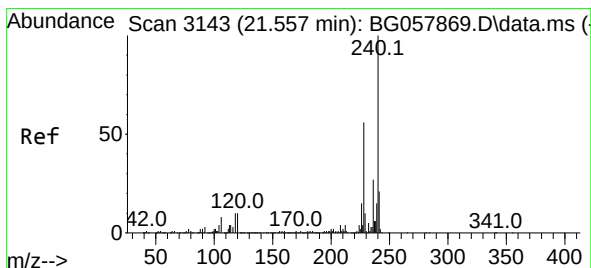
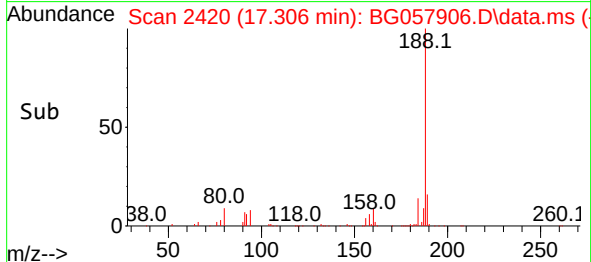
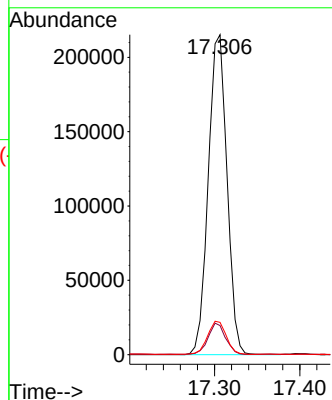
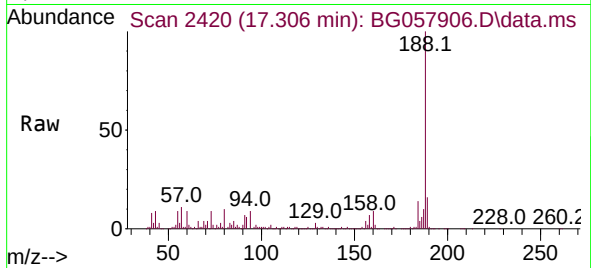




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2419
Delta R.T. 0.004 min
Lab File: BG057906.D
Acq: 29 Jun 2023 16:03

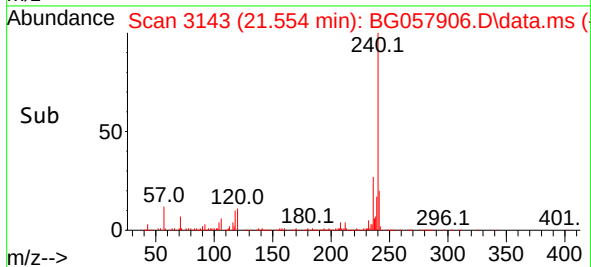
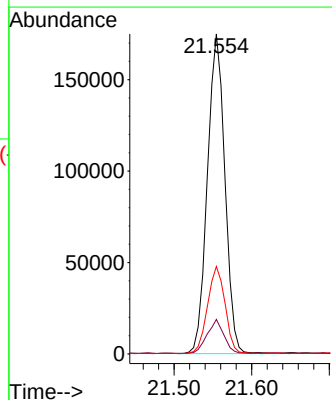
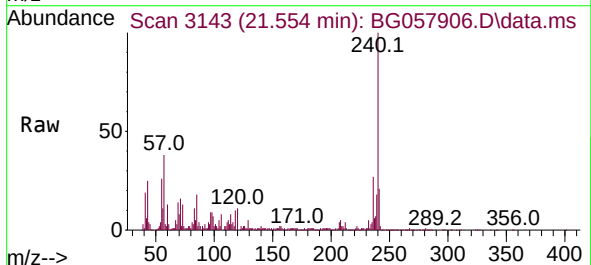
Instrument :
BNA_G
ClientSampleId :
EFF-WW

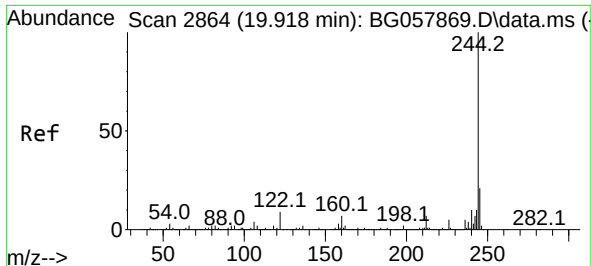
Tgt Ion:188 Resp: 327775
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.1 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057906.D
Acq: 29 Jun 2023 16:03

Tgt Ion:240 Resp: 274201
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 27.3 21.9 32.9

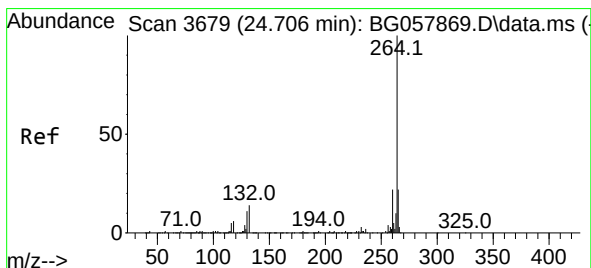
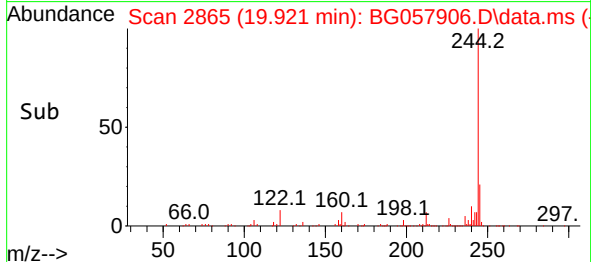
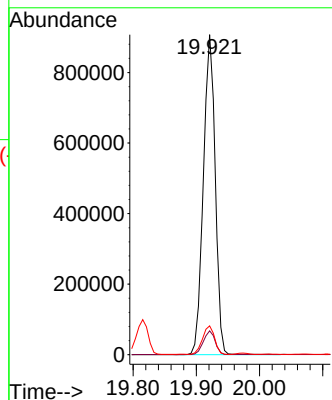
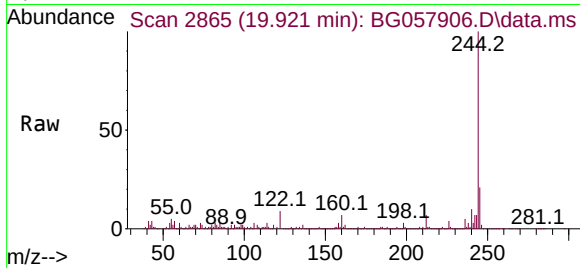




#79
 Terphenyl-d14
 Concen: 78.628 ng
 RT: 19.921 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057906.D
 Acq: 29 Jun 2023 16:03

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Tgt Ion:244 Resp: 1182596
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 9.0 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.710 min Scan# 3680
 Delta R.T. 0.003 min
 Lab File: BG057906.D
 Acq: 29 Jun 2023 16:03

Tgt Ion:264 Resp: 349253
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.8 26.8
 265 21.6 17.3 25.9

