

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
 Data File : BG060842.D
 Acq On : 9 Apr 2024 12:58
 Operator : MA/JU
 Sample : P2019-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB205-WATER

Quant Time: Apr 09 13:28:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	68833	20.000	ng	-0.01
21) Naphthalene-d8	10.741	136	263658	20.000	ng	-0.02
39) Acenaphthene-d10	14.572	164	196072	20.000	ng	-0.02
64) Phenanthrene-d10	17.322	188	440113	20.000	ng	-0.02
76) Chrysene-d12	21.581	240	417337	20.000	ng	-0.02
86) Perylene-d12	24.713	264	490420	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.536	112	204754	49.554	ng	0.00
7) Phenol-d6	7.110	99	176857	28.835	ng	0.00
23) Nitrobenzene-d5	9.102	82	406075	87.884	ng	-0.01
42) 2,4,6-Tribromophenol	16.064	330	348512	156.583	ng	-0.01
45) 2-Fluorobiphenyl	13.203	172	1009690	75.577	ng	-0.02
79) Terphenyl-d14	19.948	244	1935349	81.657	ng	-0.02

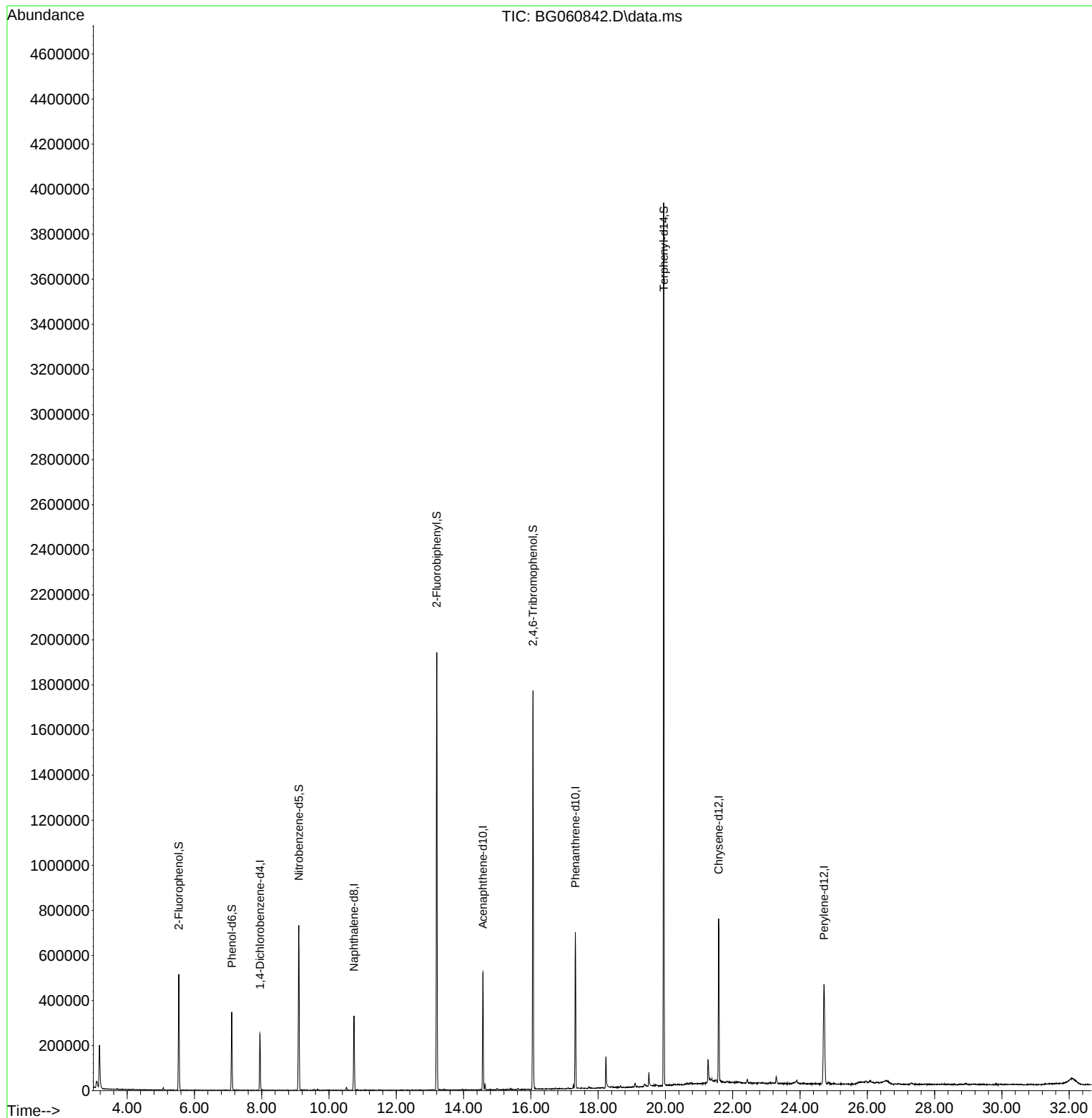
Target Compounds	Qvalue

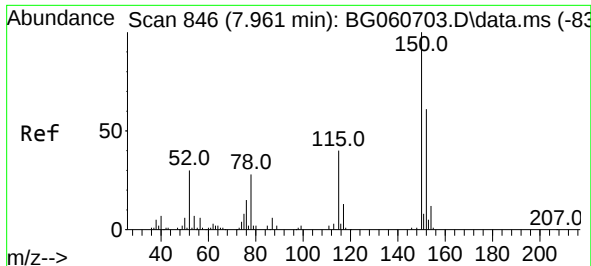
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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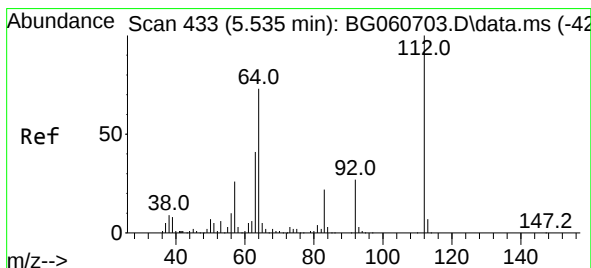
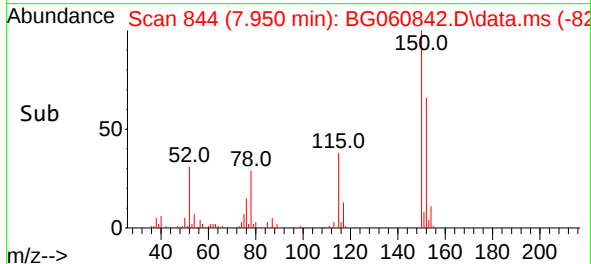
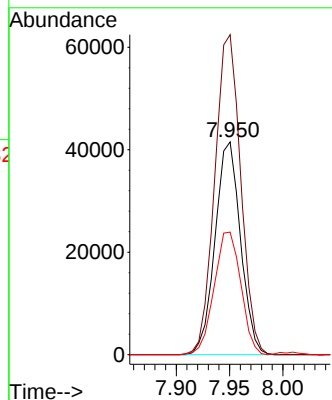
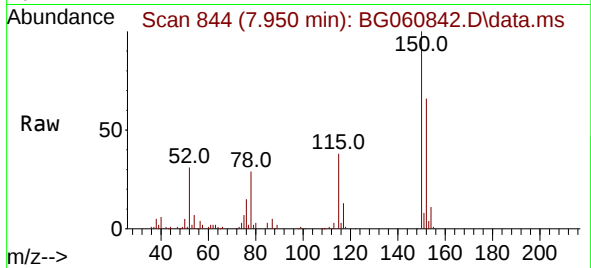




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 846
Delta R.T. -0.011 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

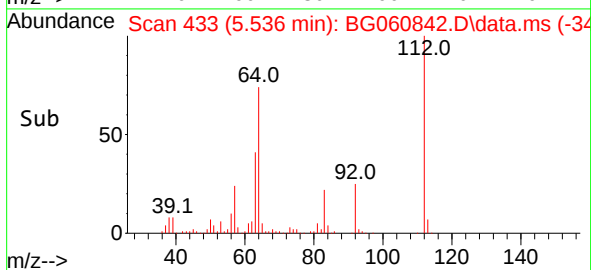
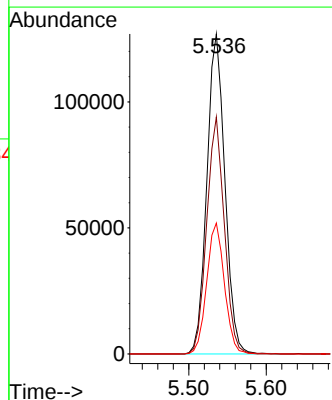
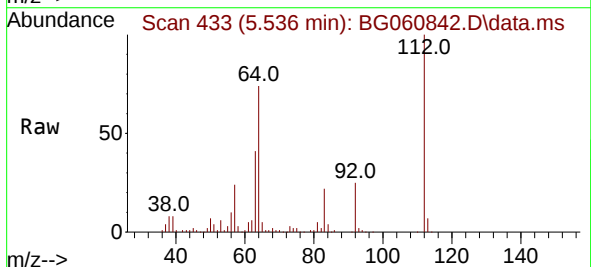
Instrument :
BNA_G
ClientSampleId :
NB205-WATER

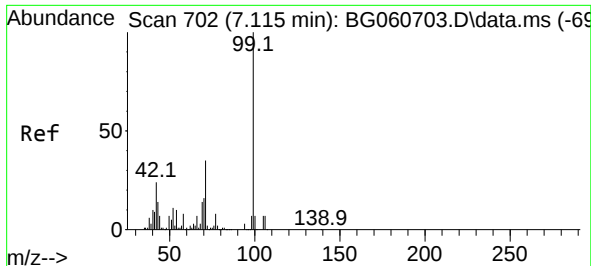
Tgt Ion:152 Resp: 68833
Ion Ratio Lower Upper
152 100
150 150.4 130.2 195.4
115 57.6 51.6 77.4



#5
2-Fluorophenol
Concen: 49.554 ng
RT: 5.536 min Scan# 433
Delta R.T. 0.001 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion:112 Resp: 204754
Ion Ratio Lower Upper
112 100
64 74.1 58.4 87.6
63 40.9 32.7 49.1

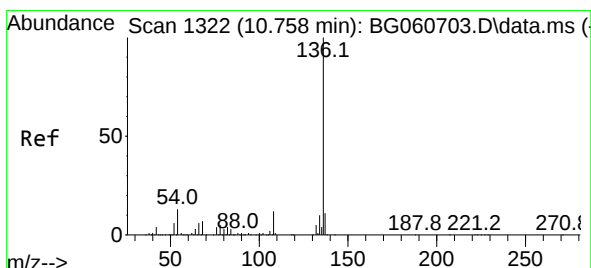
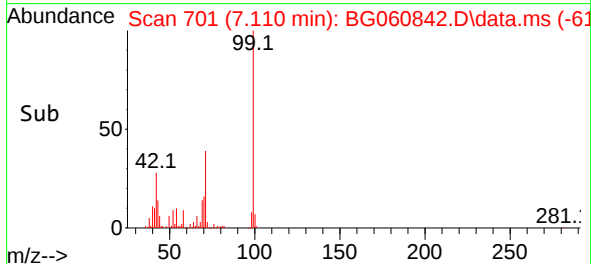
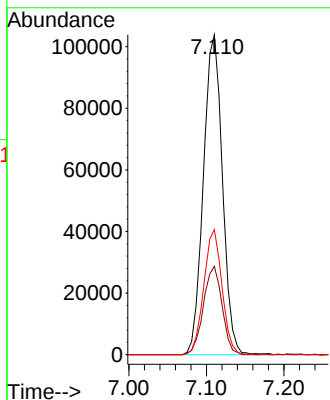
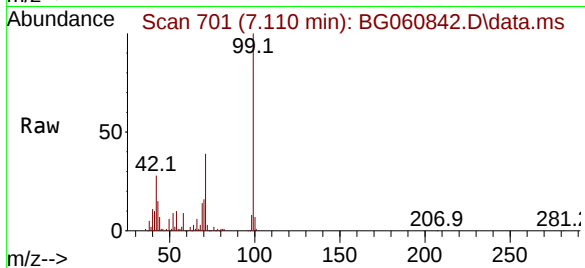




#7
Phenol-d6
Concen: 28.835 ng
RT: 7.110 min Scan# 70
Delta R.T. -0.005 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

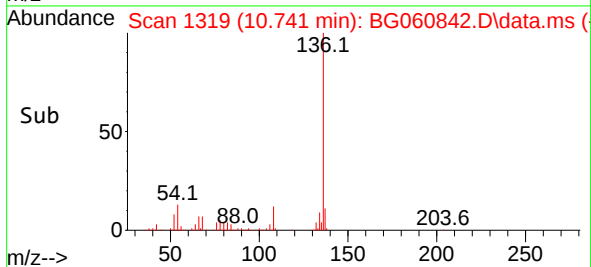
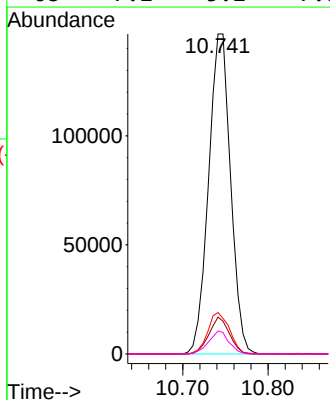
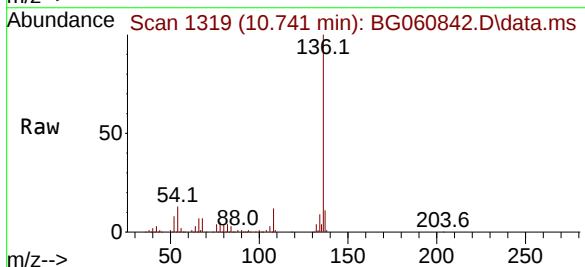
Instrument :
BNA_G
ClientSampleId :
NB205-WATER

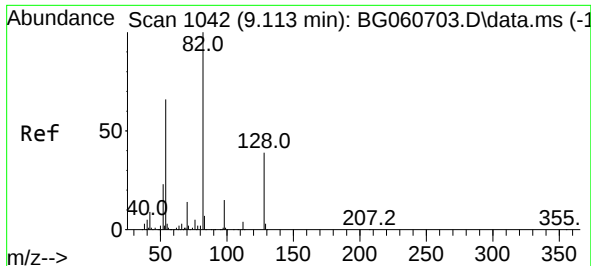
Tgt Ion: 99 Resp: 176857
Ion Ratio Lower Upper
99 100
42 27.6 19.4 29.2
71 39.1 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion: 136 Resp: 263658
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 13.0 10.2 15.2
68 7.2 5.2 7.8

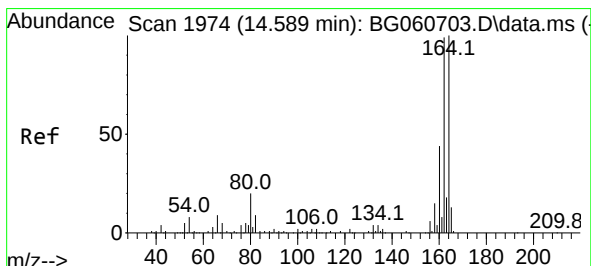
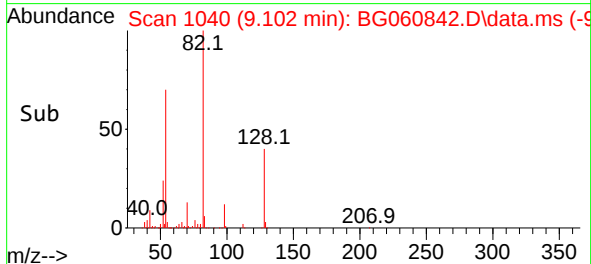
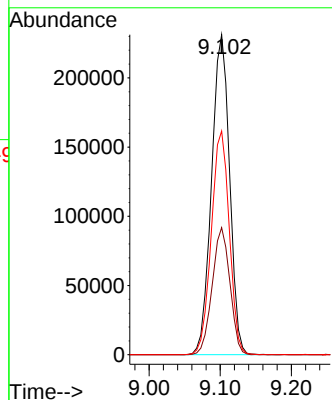
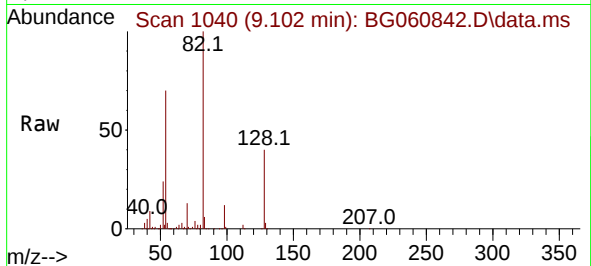




#23
Nitrobenzene-d5
Concen: 87.884 ng
RT: 9.102 min Scan# 1040
Delta R.T. -0.011 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

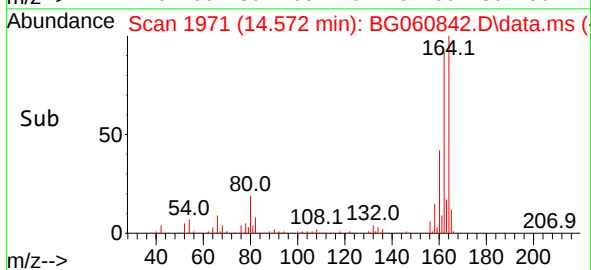
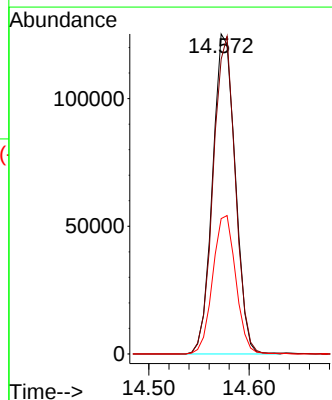
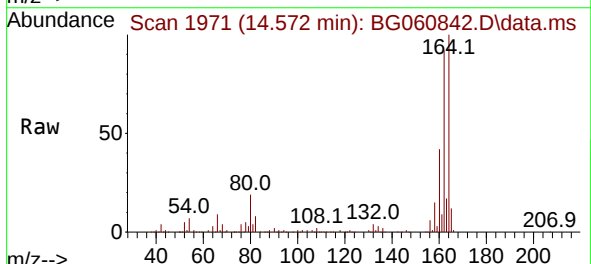
Instrument :
BNA_G
ClientSampleId :
NB205-WATER

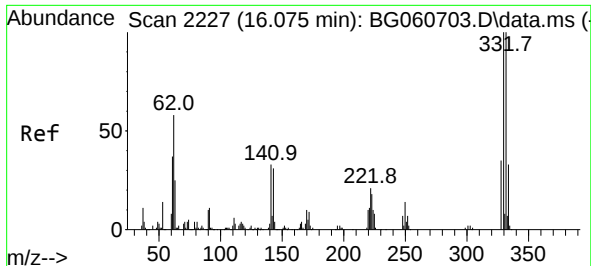
Tgt Ion: 82 Resp: 406075
Ion Ratio Lower Upper
82 100
128 39.7 31.2 46.8
54 69.9 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.572 min Scan# 1971
Delta R.T. -0.017 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion: 164 Resp: 196072
Ion Ratio Lower Upper
164 100
162 92.1 79.5 119.3
160 42.3 35.4 53.0

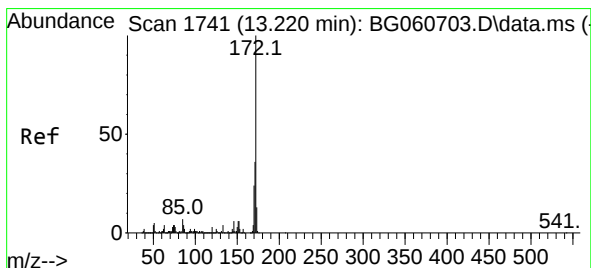
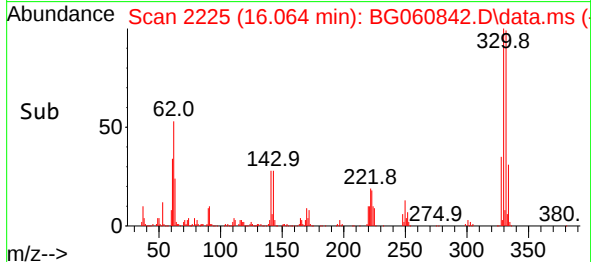
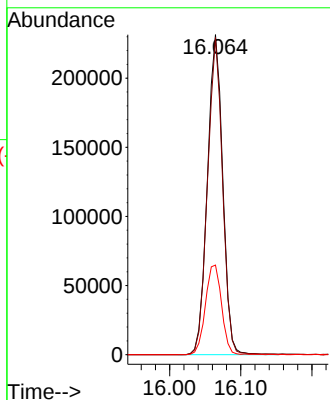
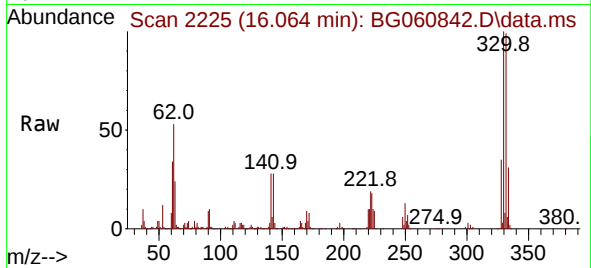




#42
2,4,6-Tribromophenol
Concen: 156.583 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

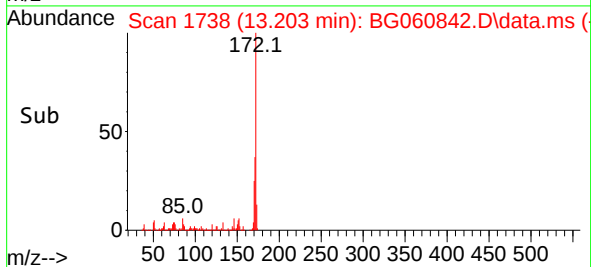
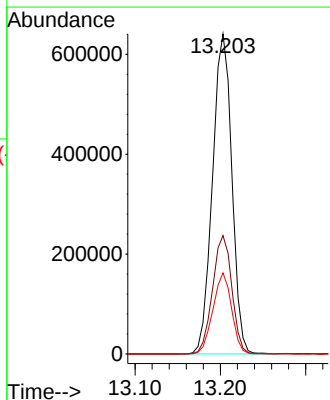
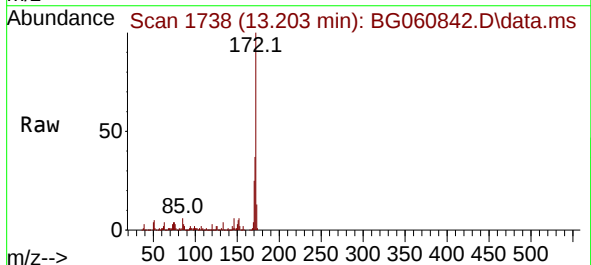
Instrument :
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ClientSampleId :
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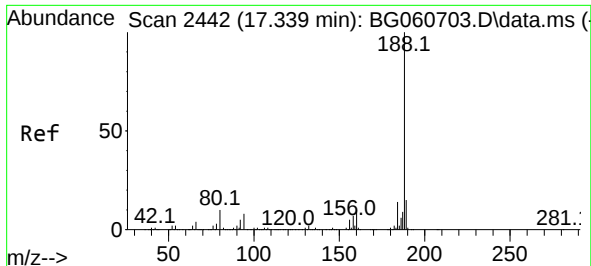
Tgt Ion:330 Resp: 348512
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 29.5 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 75.577 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion:172 Resp: 1009690
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 25.3 19.4 29.0

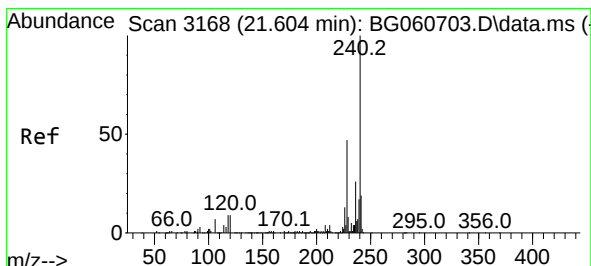
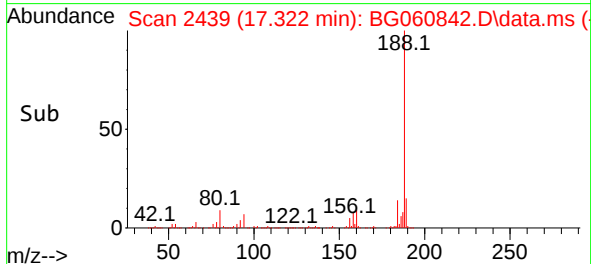
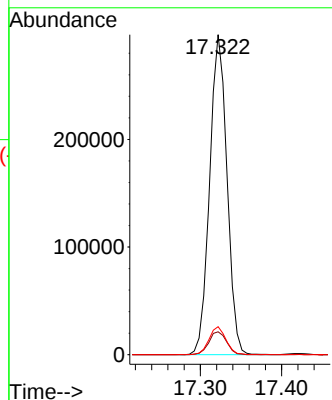
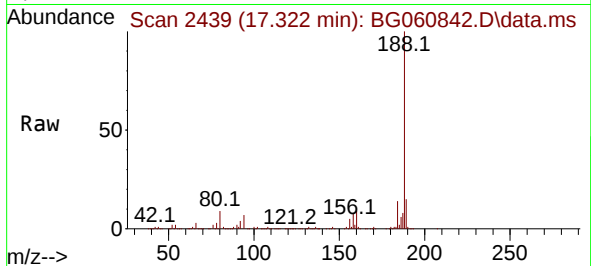




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2442
Delta R.T. -0.017 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

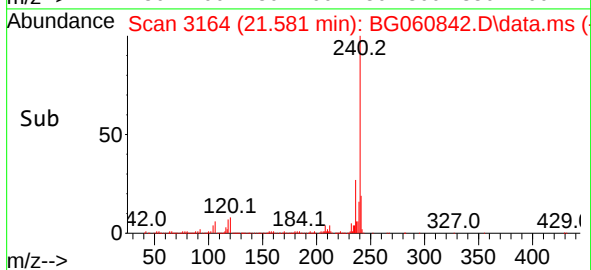
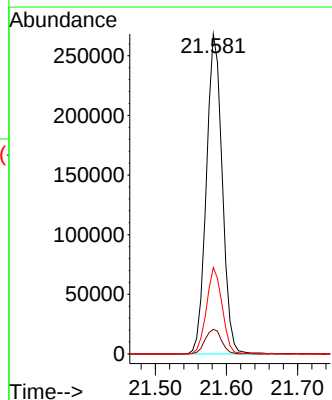
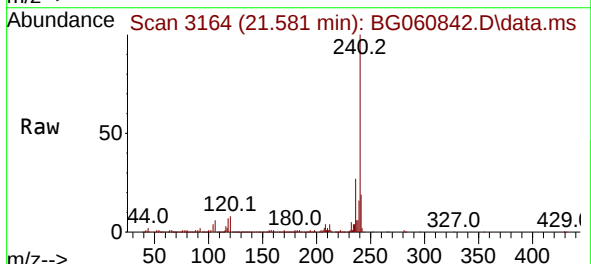
Instrument :
BNA_G
ClientSampleId :
NB205-WATER

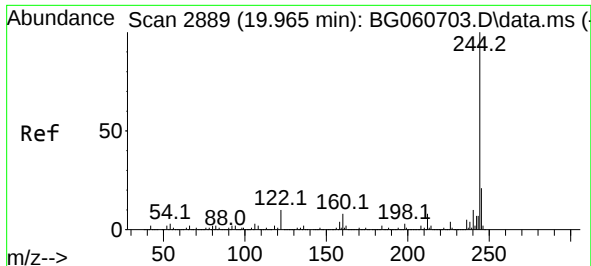
Tgt Ion:188 Resp: 440113
Ion Ratio Lower Upper
188 100
94 7.1 6.6 9.8
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3164
Delta R.T. -0.023 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion:240 Resp: 417337
Ion Ratio Lower Upper
240 100
120 7.7 7.1 10.7
236 27.0 20.7 31.1

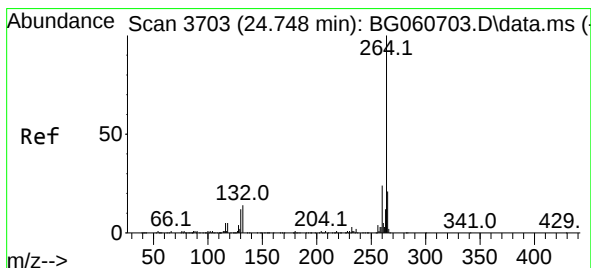
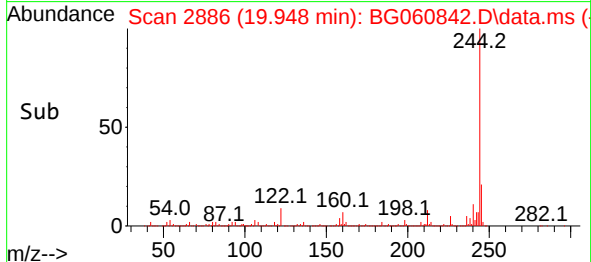
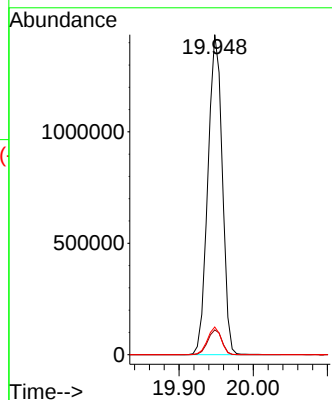
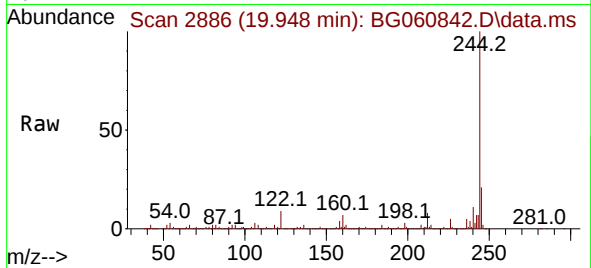




#79
 Terphenyl-d14
 Concen: 81.657 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG060842.D
 Acq: 9 Apr 2024 12:58

Instrument :
 BNA_G
 ClientSampleId :
 NB205-WATER

Tgt Ion:244 Resp: 1935349
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 8.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.713 min Scan# 3697
 Delta R.T. -0.035 min
 Lab File: BG060842.D
 Acq: 9 Apr 2024 12:58

Tgt Ion:264 Resp: 490420
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 22.2 16.9 25.3

