

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057648.D
 Acq On : 6 Jun 2023 22:22
 Operator : CG/JU
 Sample : 03001-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP16-0A

Quant Time: Jun 07 02:51:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	21528	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	91709	20.000	ng	0.00
39) Acenaphthene-d10	14.958	164	68675	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	174905	20.000	ng	0.00
76) Chrysene-d12	22.001	240	152215	20.000	ng	0.00
86) Perylene-d12	25.491	264	161982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	124971	100.851	ng	0.00
7) Phenol-d6	7.486	99	188311	97.104	ng	0.00
23) Nitrobenzene-d5	9.518	82	115463	58.854	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	91298	83.036	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	281415	58.890	ng	0.00
79) Terphenyl-d14	20.262	244	512888	58.367	ng	0.00

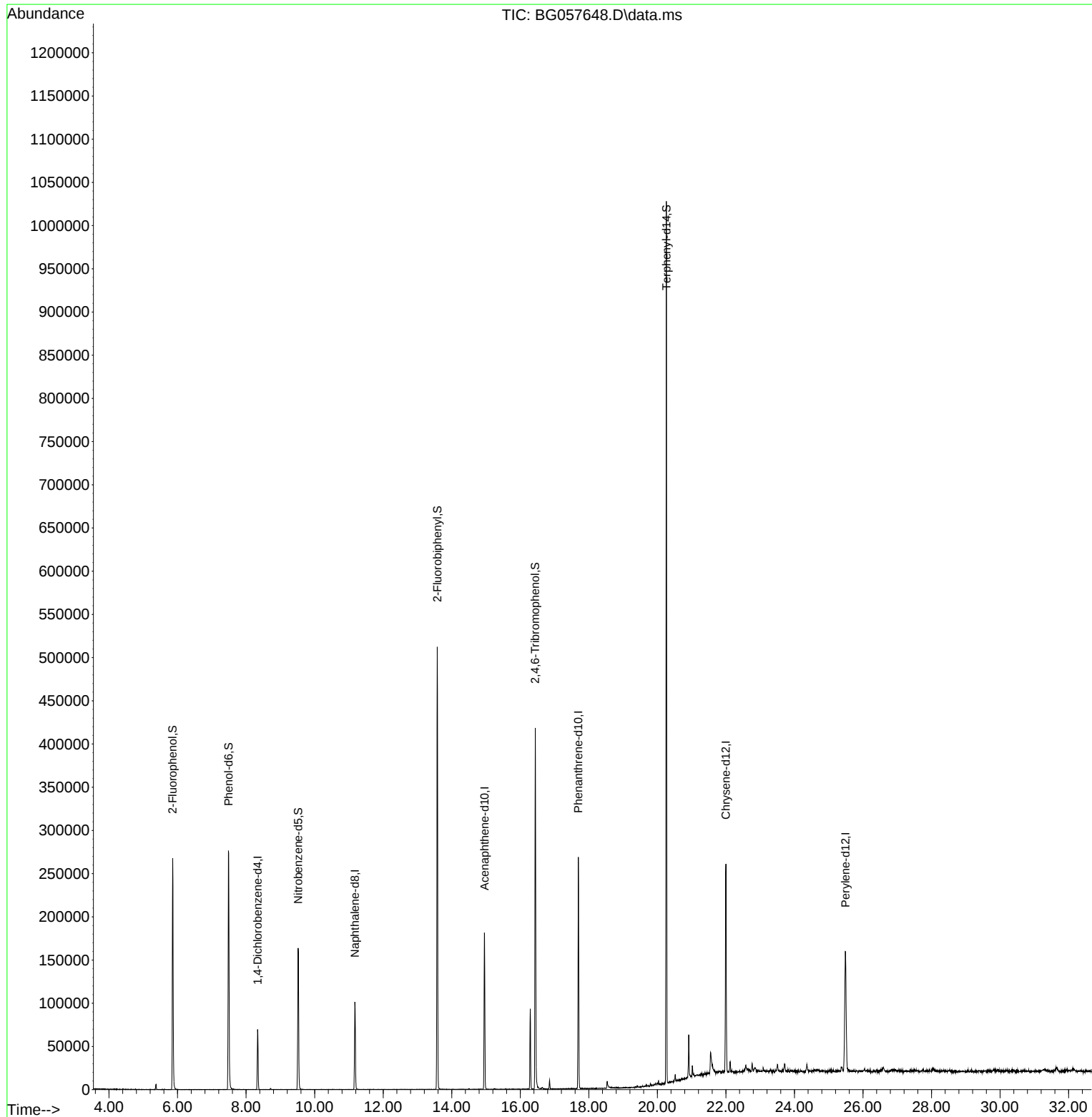
Target Compounds	Qvalue

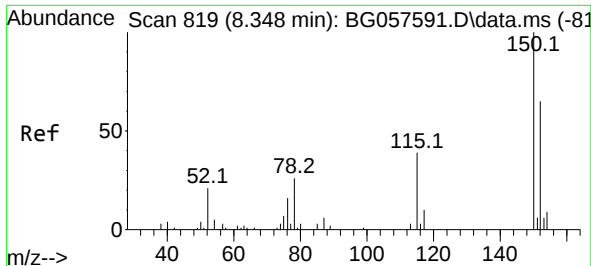
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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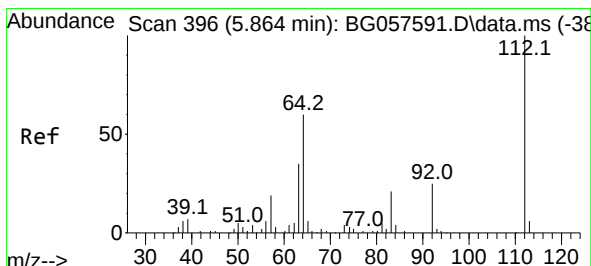
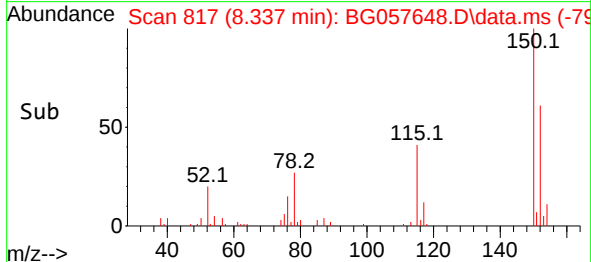
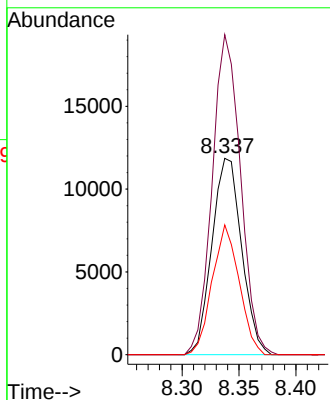
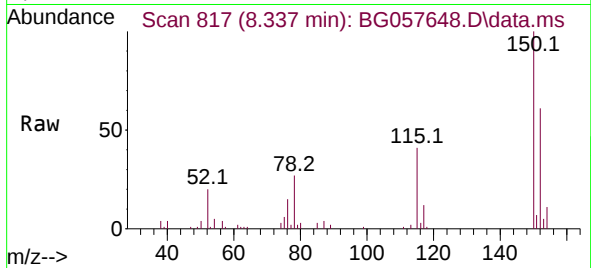




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 819
Delta R.T. 0.003 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

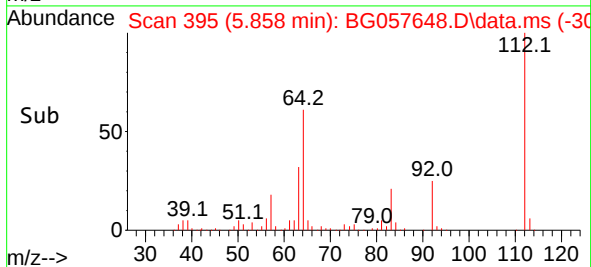
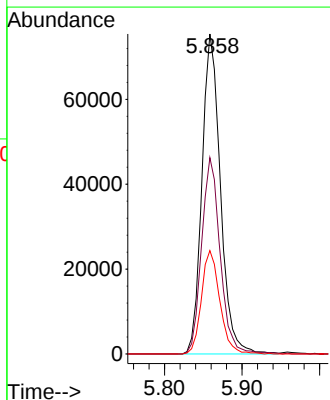
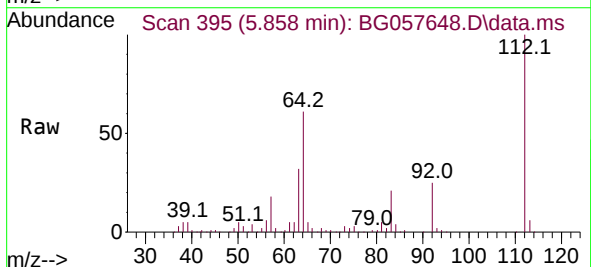
Instrument :
BNA_G
ClientSampleId :
TP16-0A

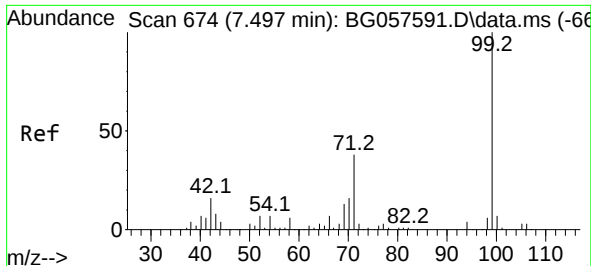
Tgt Ion:152 Resp: 21528
Ion Ratio Lower Upper
152 100
150 163.0 123.0 184.4
115 66.1 47.4 71.2



#5
2-Fluorophenol
Concen: 100.851 ng
RT: 5.858 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

Tgt Ion:112 Resp: 124971
Ion Ratio Lower Upper
112 100
64 61.4 47.8 71.6
63 32.3 27.8 41.8

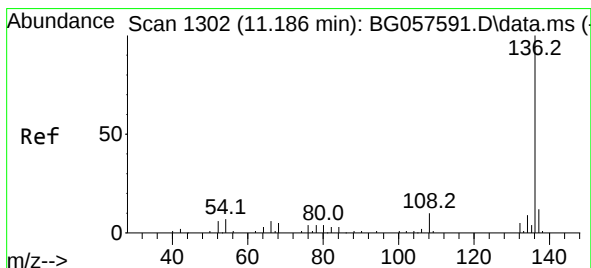
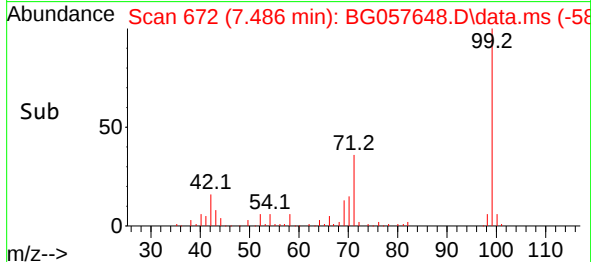
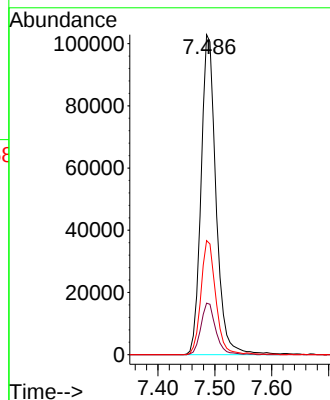
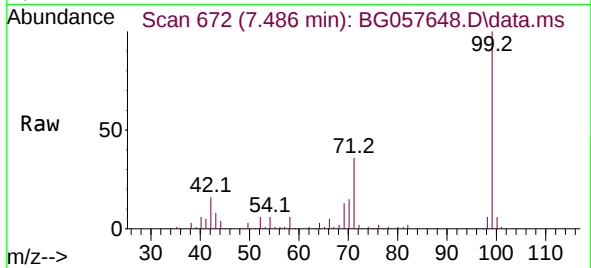




#7
Phenol-d6
Concen: 97.104 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

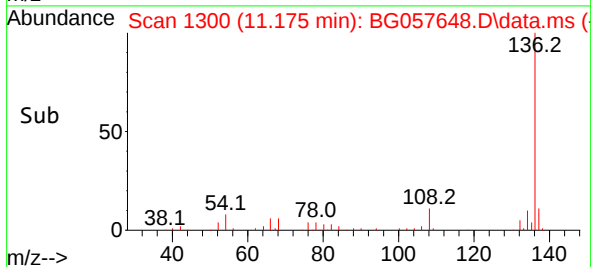
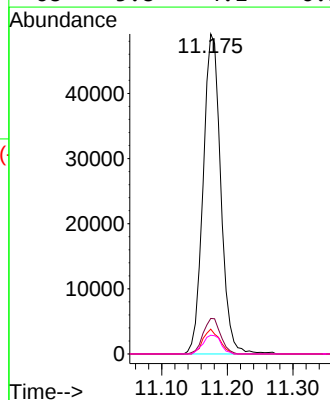
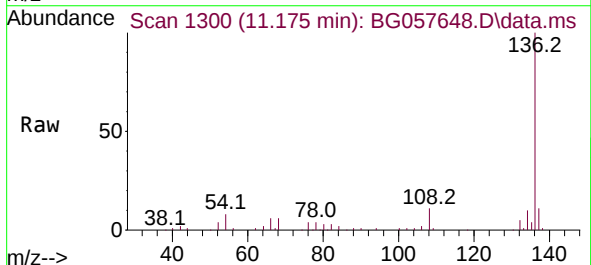
Instrument :
BNA_G
ClientSampleId :
TP16-0A

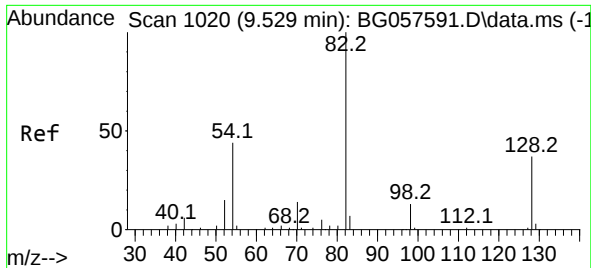
Tgt Ion: 99 Resp: 188311
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 35.7 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

Tgt Ion:136 Resp: 91709
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.8
54 7.7 5.8 8.6
68 5.8 4.1 6.1

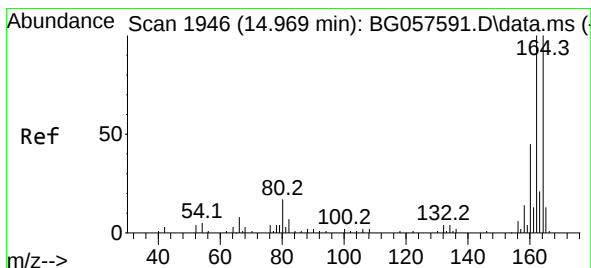
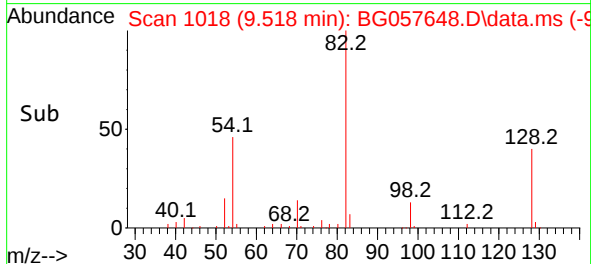
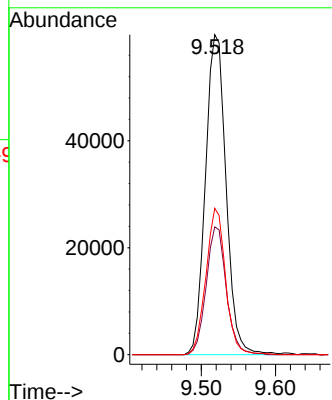
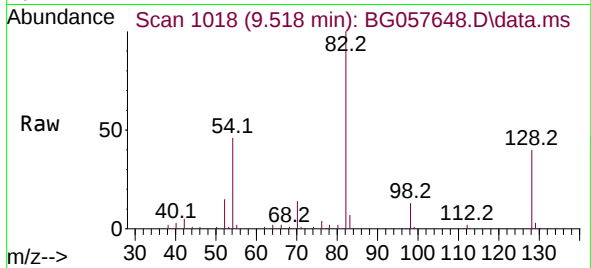




#23
Nitrobenzene-d5
Concen: 58.854 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

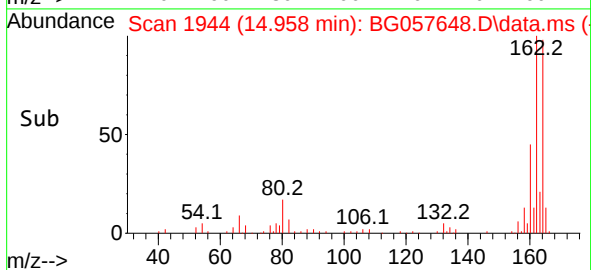
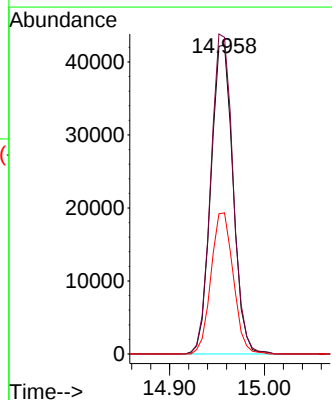
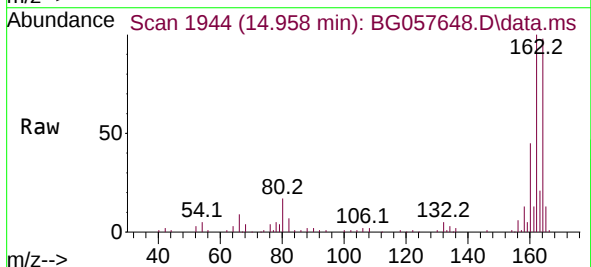
Instrument :
BNA_G
ClientSampleId :
TP16-0A

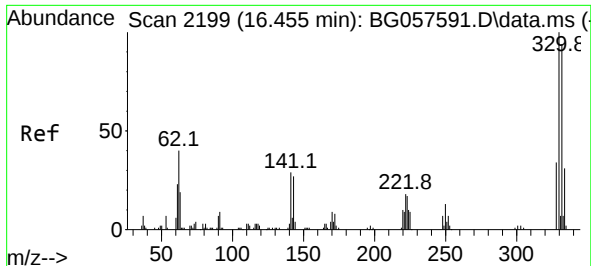
Tgt Ion: 82 Resp: 115463
Ion Ratio Lower Upper
82 100
128 39.9 30.0 45.0
54 45.8 35.2 52.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.958 min Scan# 1944
Delta R.T. -0.002 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

Tgt Ion:164 Resp: 68675
Ion Ratio Lower Upper
164 100
162 102.6 80.1 120.1
160 45.7 35.9 53.9

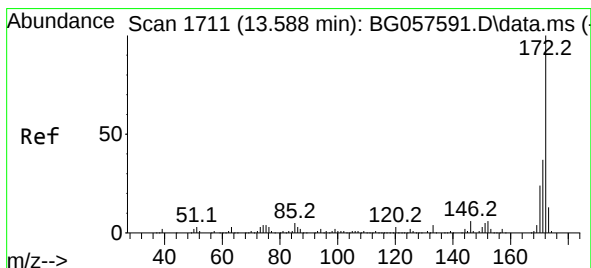
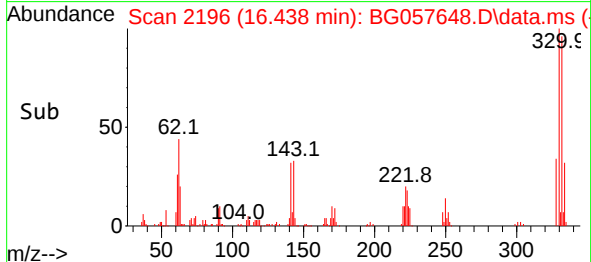
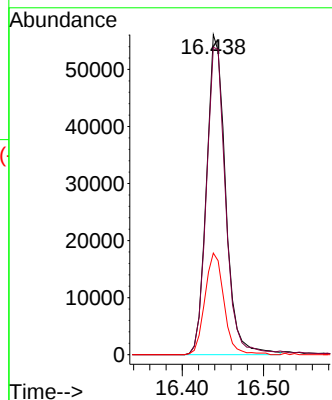
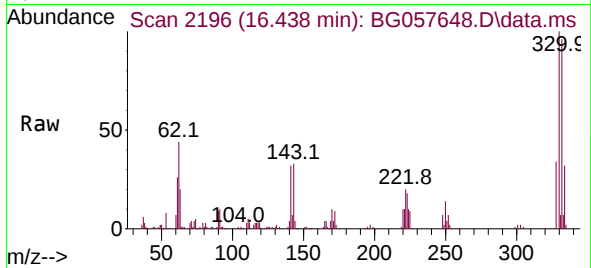




#42
 2,4,6-Tribromophenol
 Concen: 83.036 ng
 RT: 16.438 min Scan# 2196
 Delta R.T. -0.008 min
 Lab File: BG057648.D
 Acq: 6 Jun 2023 22:22

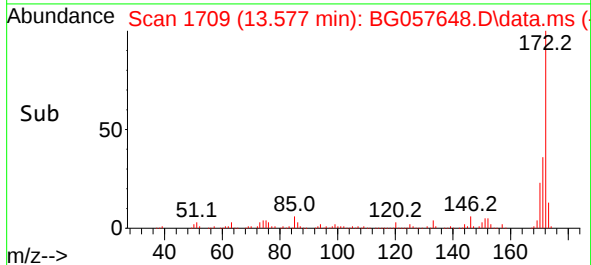
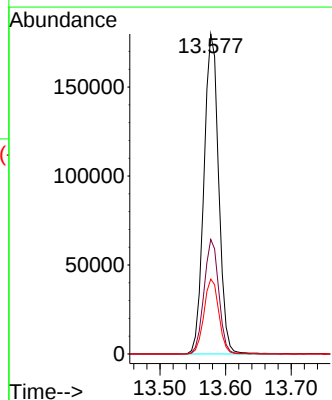
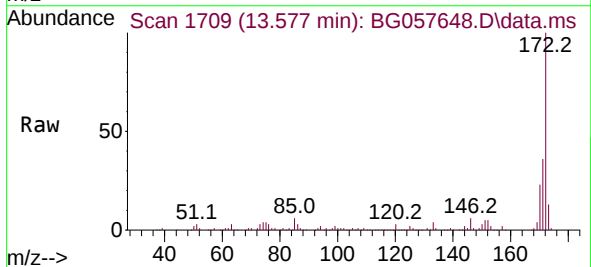
Instrument :
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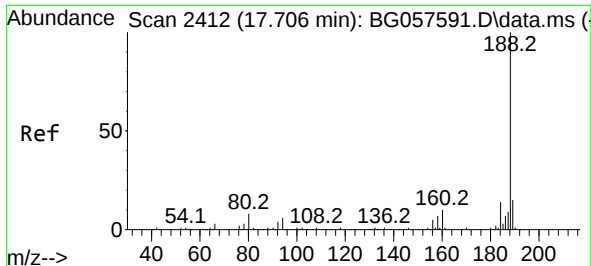
Tgt Ion:330 Resp: 91298
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 31.8 24.6 37.0



#45
 2-Fluorobiphenyl
 Concen: 58.890 ng
 RT: 13.577 min Scan# 1709
 Delta R.T. -0.002 min
 Lab File: BG057648.D
 Acq: 6 Jun 2023 22:22

Tgt Ion:172 Resp: 281415
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.4 19.0 28.4

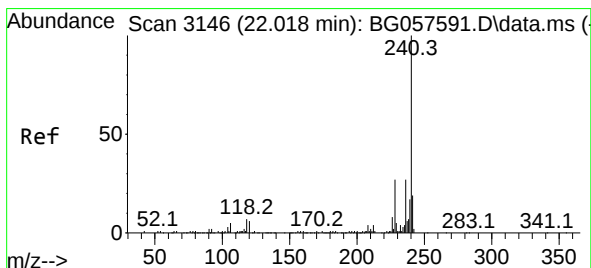
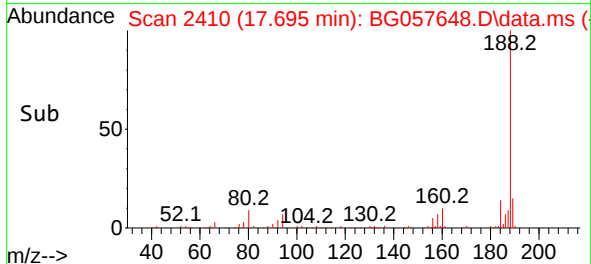
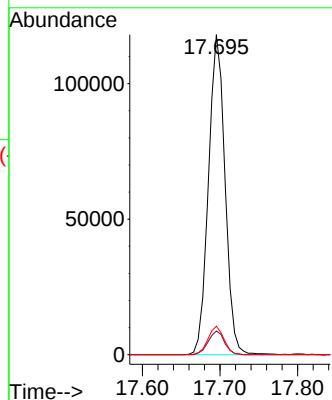
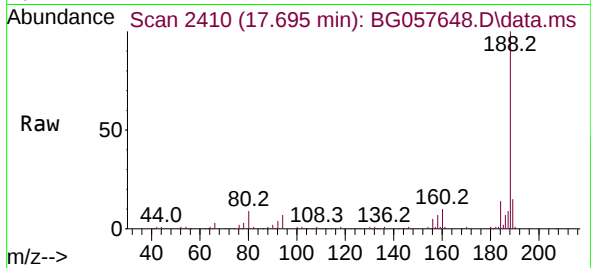




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

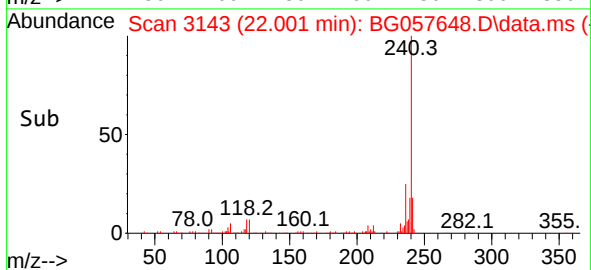
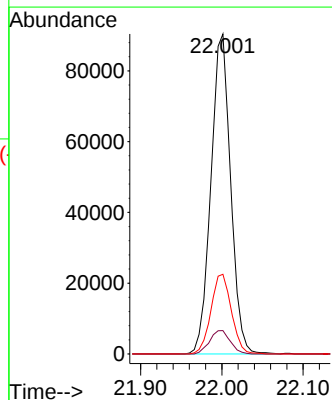
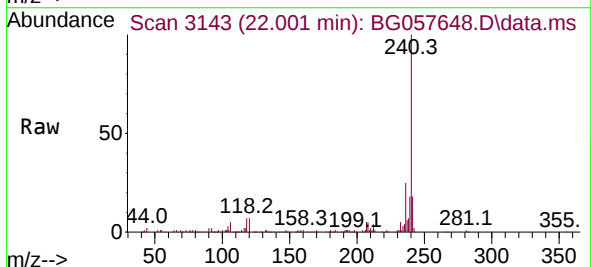
Instrument :
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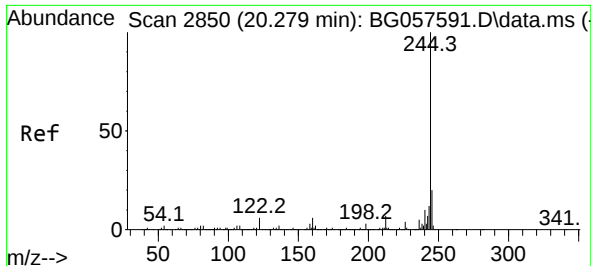
Tgt Ion:188 Resp: 174905
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 8.9 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057648.D
Acq: 6 Jun 2023 22:22

Tgt Ion:240 Resp: 152215
Ion Ratio Lower Upper
240 100
120 7.3 5.2 7.8
236 24.9 21.4 32.0

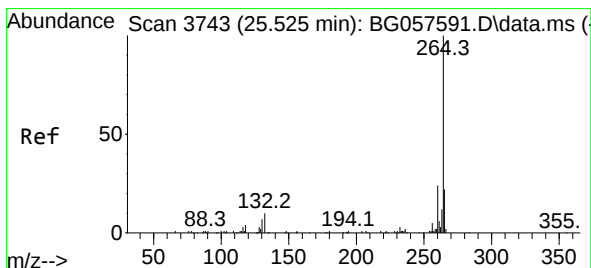
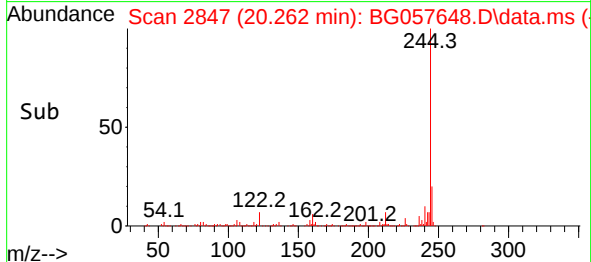
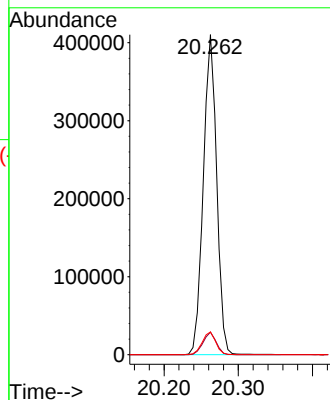
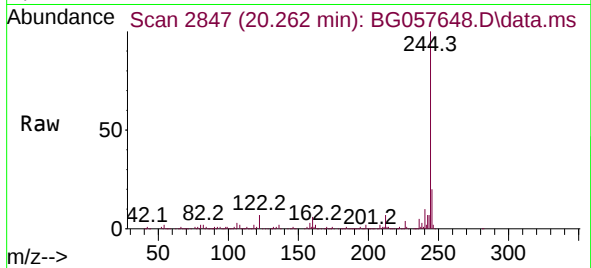




#79
 Terphenyl-d14
 Concen: 58.367 ng
 RT: 20.262 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057648.D
 Acq: 6 Jun 2023 22:22

Instrument :
 BNA_G
 ClientSampleId :
 TP16-0A

Tgt Ion:244 Resp: 512888
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 7.1 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.491 min Scan# 3737
 Delta R.T. -0.008 min
 Lab File: BG057648.D
 Acq: 6 Jun 2023 22:22

Tgt Ion:264 Resp: 161982
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.3 17.7 26.5

