

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057645.D
 Acq On : 6 Jun 2023 20:16
 Operator : CG/JU
 Sample : 02997-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DMA-1103

Quant Time: Jun 07 02:50:02 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)

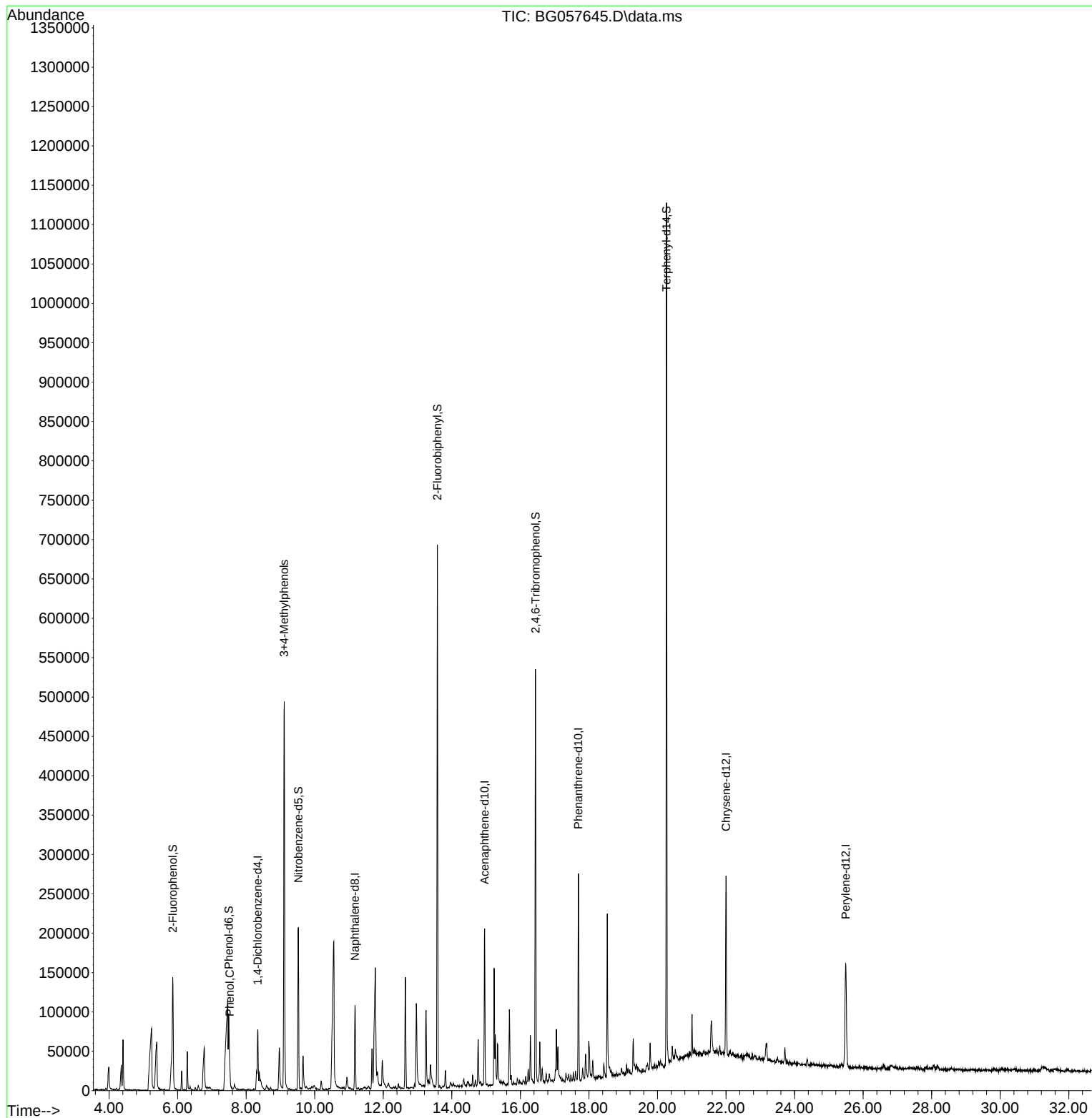
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	21617	20.000	ng	0.00
21) Naphthalene-d8	11.174	136	93327	20.000	ng	0.00
39) Acenaphthene-d10	14.957	164	70972	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	168991	20.000	ng	0.00
76) Chrysene-d12	22.000	240	143795	20.000	ng	0.00
86) Perylene-d12	25.490	264	156207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	61868	49.722	ng	0.00
7) Phenol-d6	7.491	99	60194	30.912	ng	0.00
23) Nitrobenzene-d5	9.523	82	137730	68.987	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	109742	96.580	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	357697	72.430	ng	0.00
79) Terphenyl-d14	20.262	244	553069	66.625	ng	0.00
Target Compounds						
10) Phenol	7.520	94	16573	8.992	ng	98
20) 3+4-Methylphenols	9.112	107	245132	129.017	ng	92

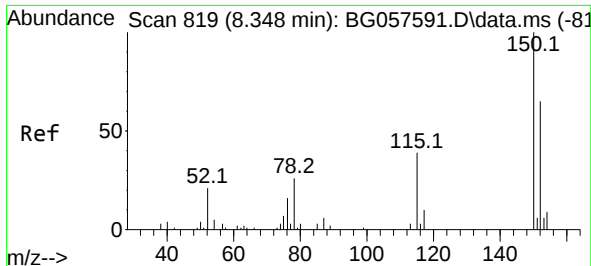
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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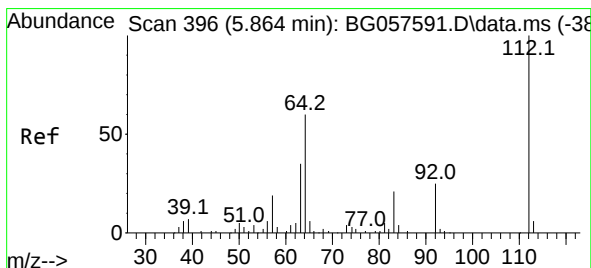
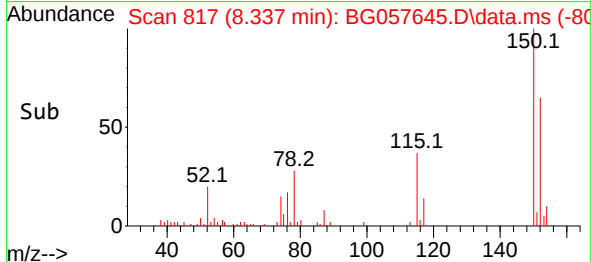
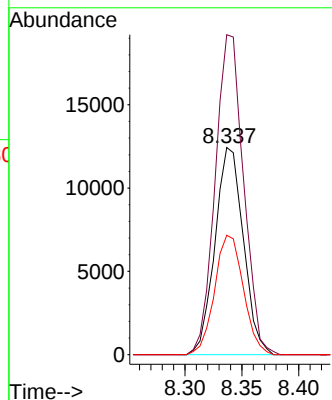
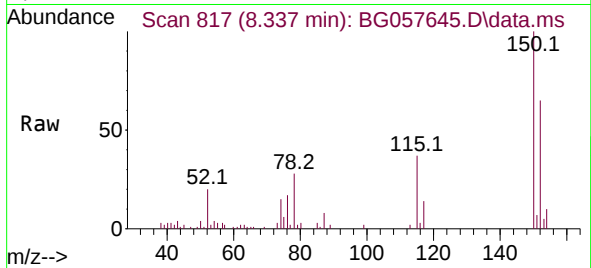




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057645.D
Acq: 6 Jun 2023 20:16

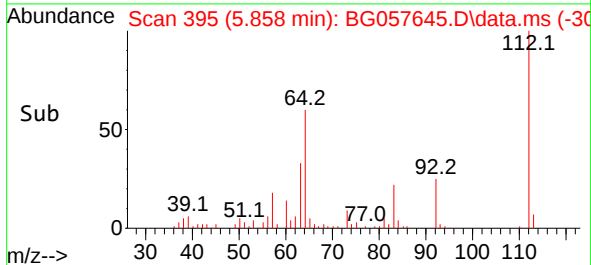
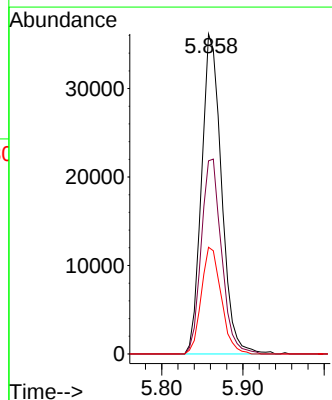
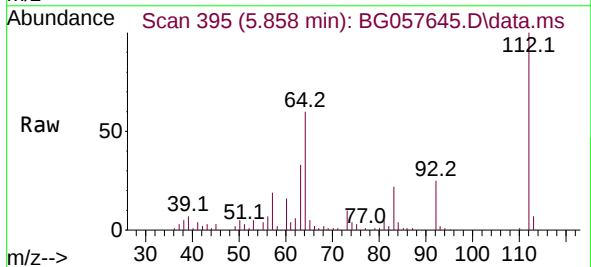
Instrument :
BNA_G
ClientSampleId :
DMA-1103

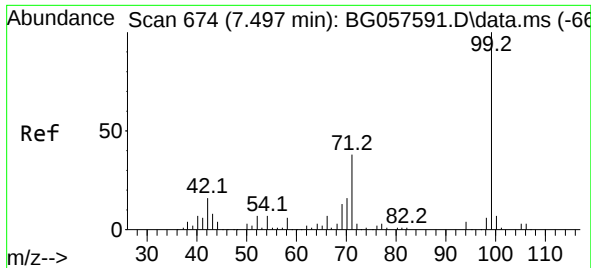
Tgt Ion:152 Resp: 21617
Ion Ratio Lower Upper
152 100
150 154.5 123.0 184.4
115 57.6 47.4 71.2



#5
2-Fluorophenol
Concen: 49.722 ng
RT: 5.858 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG057645.D
Acq: 6 Jun 2023 20:16

Tgt Ion:112 Resp: 61868
Ion Ratio Lower Upper
112 100
64 60.4 47.8 71.6
63 33.4 27.8 41.8

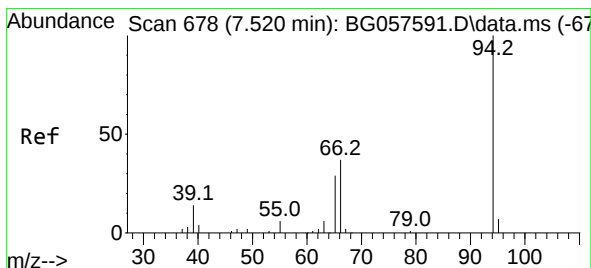
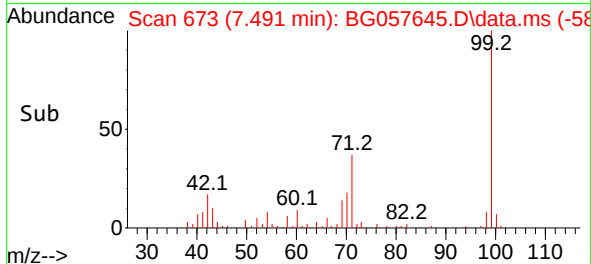
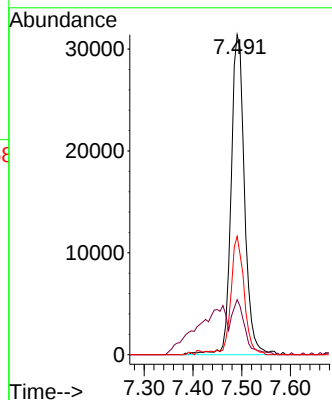
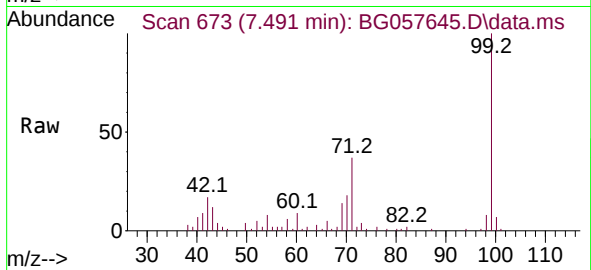




#7
Phenol-d6
Concen: 30.912 ng
RT: 7.491 min Scan# 674
Delta R.T. 0.003 min
Lab File: BG057645.D
Acq: 6 Jun 2023 20:16

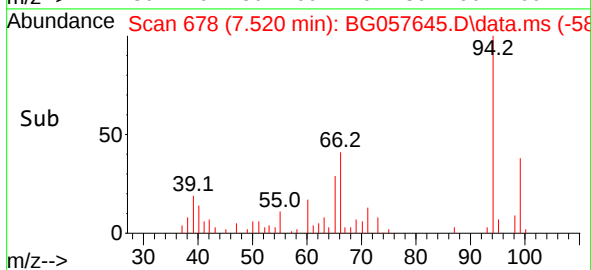
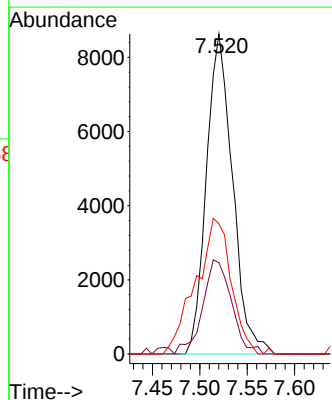
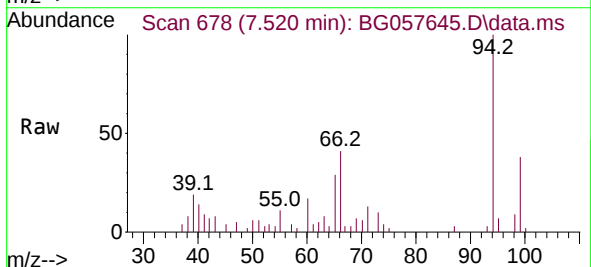
Instrument :
BNA_G
ClientSampleId :
DMA-1103

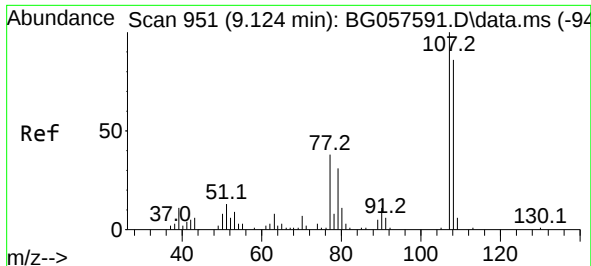
Tgt Ion: 99 Resp: 60194
Ion Ratio Lower Upper
99 100
42 17.2 12.8 19.2
71 37.0 30.3 45.5



#10
Phenol
Concen: 8.992 ng
RT: 7.520 min Scan# 678
Delta R.T. 0.009 min
Lab File: BG057645.D
Acq: 6 Jun 2023 20:16

Tgt Ion: 94 Resp: 16573
Ion Ratio Lower Upper
94 100
65 28.5 9.6 49.6
66 40.7 22.0 62.0

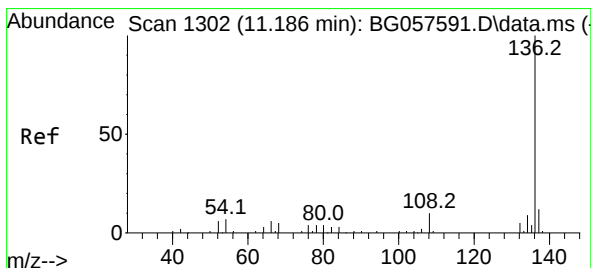
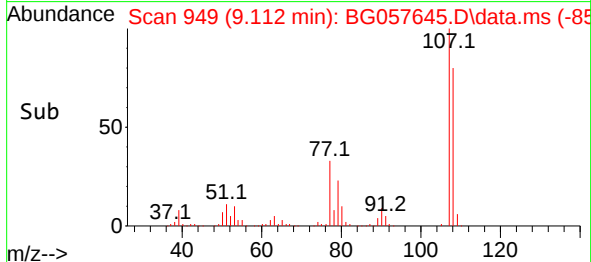
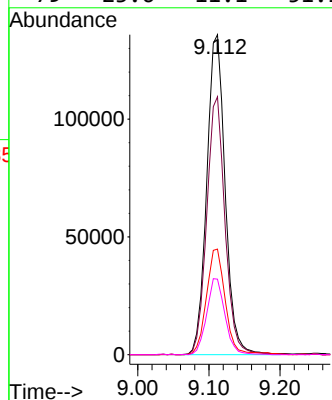
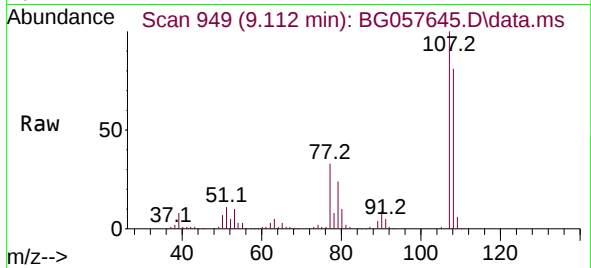




#20
3+4-Methylphenols
Concen: 129.017 ng
RT: 9.112 min Scan# 949
Delta R.T. -0.003 min
Lab File: BG057645.D
Acq: 6 Jun 2023 20:16

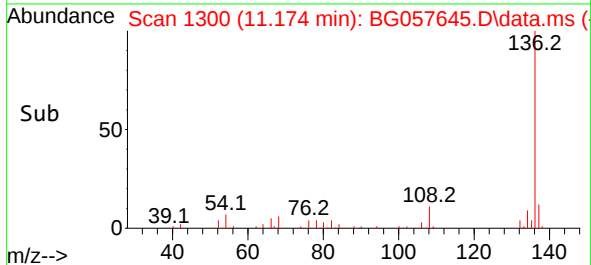
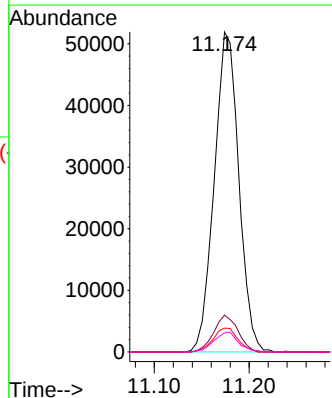
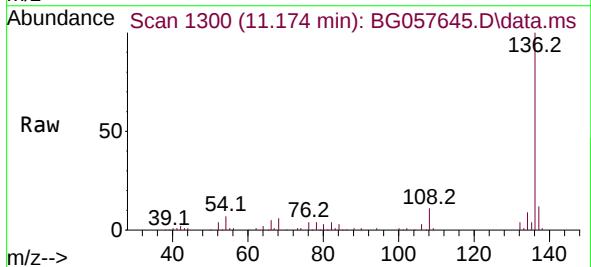
Instrument :
BNA_G
ClientSampleId :
DMA-1103

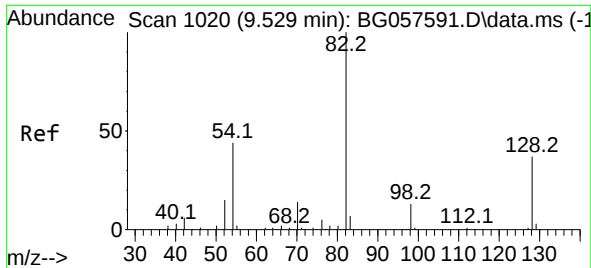
Tgt Ion:107 Resp: 245132
Ion Ratio Lower Upper
107 100
108 80.6 65.6 105.6
77 33.0 18.0 58.0
79 23.6 11.1 51.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.174 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG057645.D
Acq: 6 Jun 2023 20:16

Tgt Ion:136 Resp: 93327
Ion Ratio Lower Upper
136 100
137 11.5 9.8 14.8
54 7.4 5.8 8.6
68 5.9 4.1 6.1

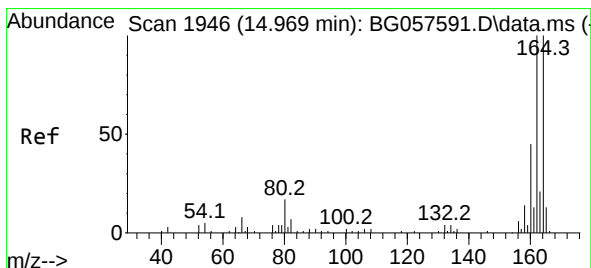
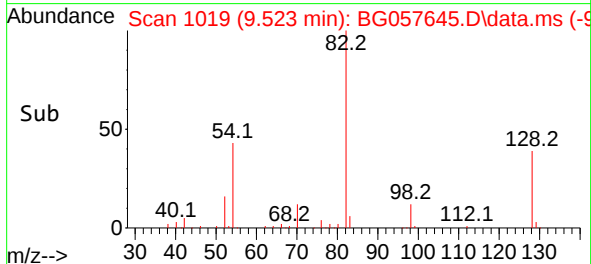
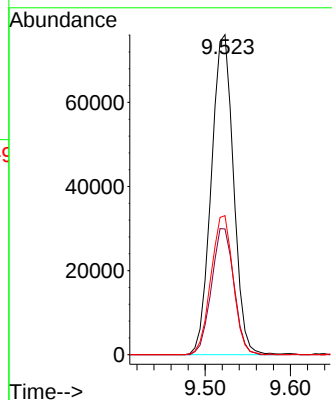
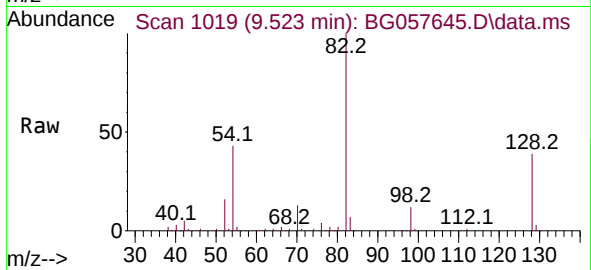




#23
Nitrobenzene-d5
Concen: 68.987 ng
RT: 9.523 min Scan# 1020
Delta R.T. 0.003 min
Lab File: BG057645.D
Acq: 6 Jun 2023 20:16

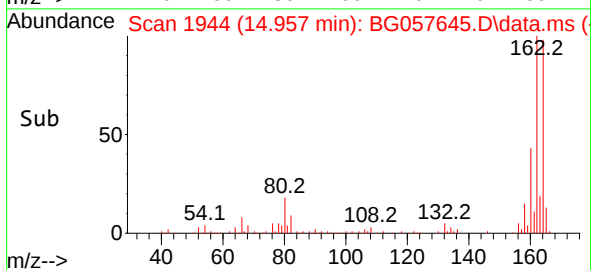
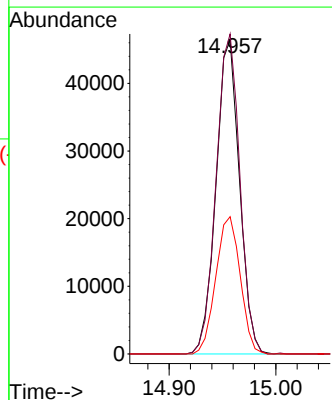
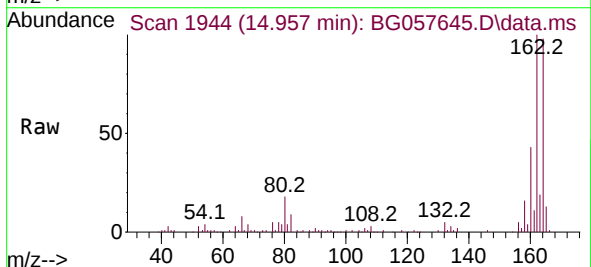
Instrument :
BNA_G
ClientSampleId :
DMA-1103

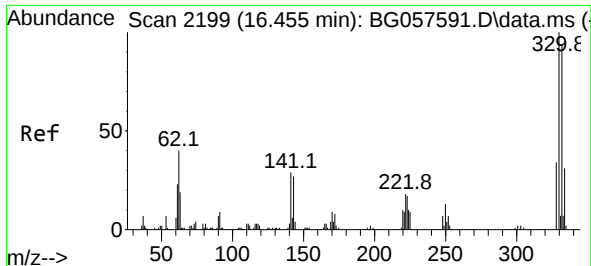
Tgt Ion: 82 Resp: 137730
Ion Ratio Lower Upper
82 100
128 39.3 30.0 45.0
54 43.4 35.2 52.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.957 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG057645.D
Acq: 6 Jun 2023 20:16

Tgt Ion: 164 Resp: 70972
Ion Ratio Lower Upper
164 100
162 101.8 80.1 120.1
160 43.7 35.9 53.9

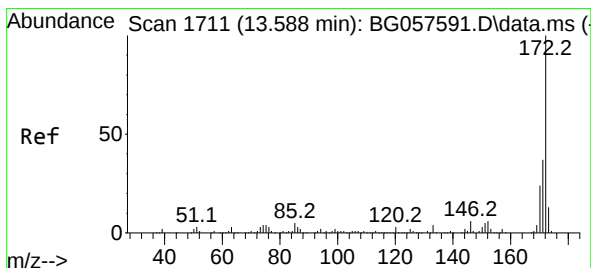
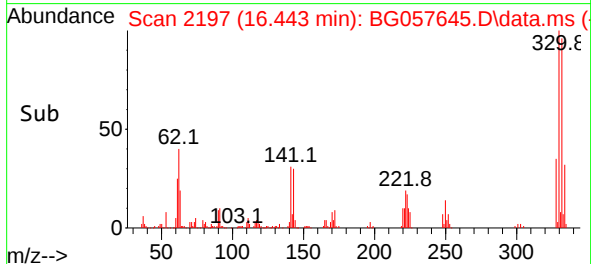
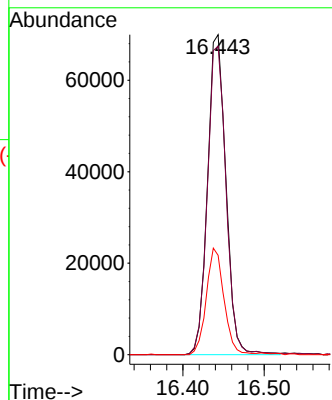
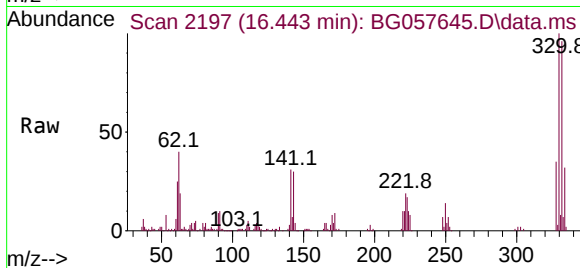




#42
2,4,6-Tribromophenol
Concen: 96.580 ng
RT: 16.443 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG057645.D
Acq: 6 Jun 2023 20:16

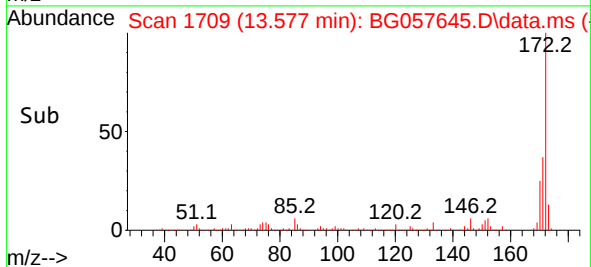
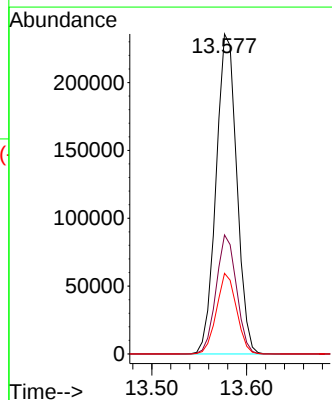
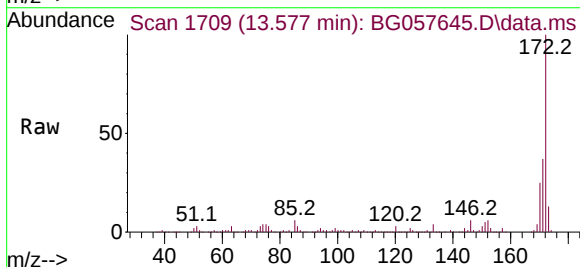
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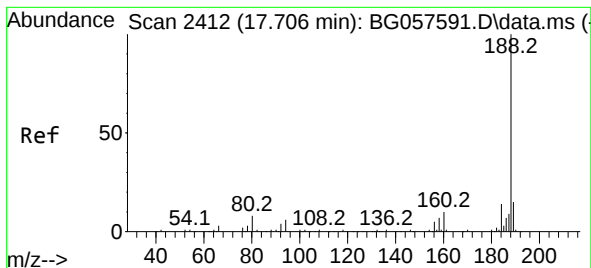
Tgt Ion:330 Resp: 109742
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 32.1 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 72.430 ng
RT: 13.577 min Scan# 1709
Delta R.T. -0.003 min
Lab File: BG057645.D
Acq: 6 Jun 2023 20:16

Tgt Ion:172 Resp: 357697
Ion Ratio Lower Upper
172 100
171 37.2 29.2 43.8
170 25.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.695 min Scan# 2410

Delta R.T. -0.003 min

Lab File: BG057645.D

Acq: 6 Jun 2023 20:16

Instrument :

BNA_G

ClientSampleId :

DMA-1103

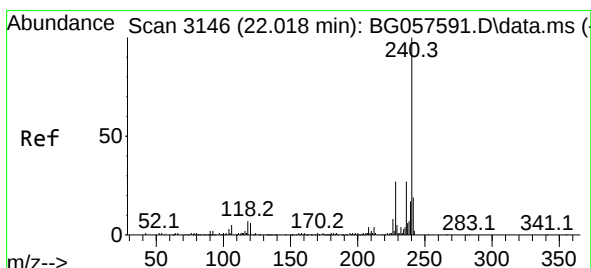
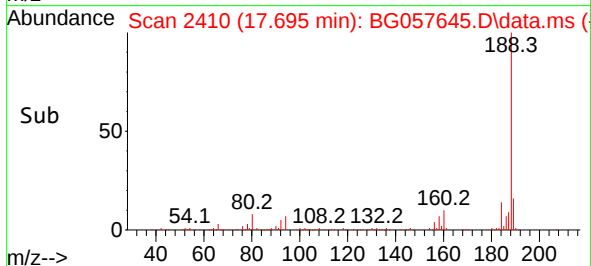
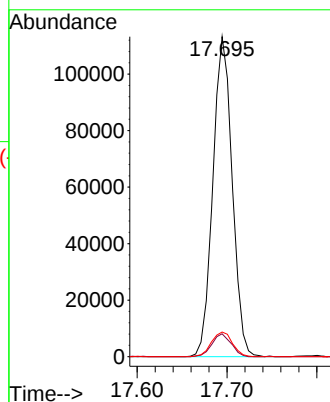
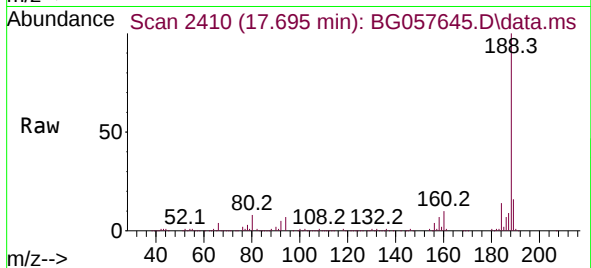
Tgt Ion:188 Resp: 168991

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

80 7.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.000 min Scan# 3143

Delta R.T. -0.003 min

Lab File: BG057645.D

Acq: 6 Jun 2023 20:16

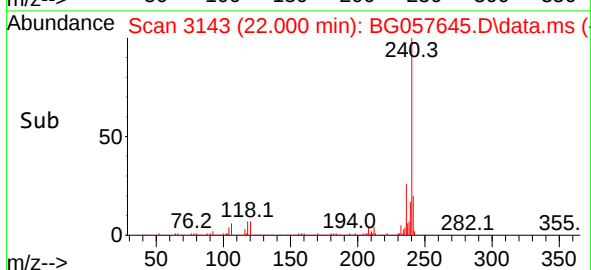
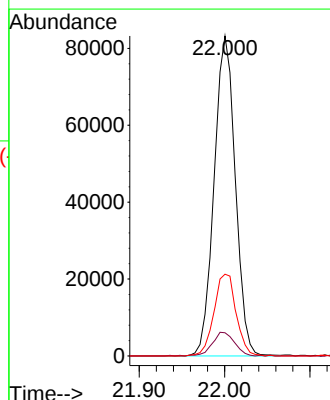
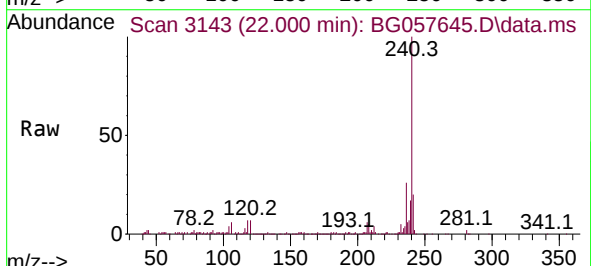
Tgt Ion:240 Resp: 143795

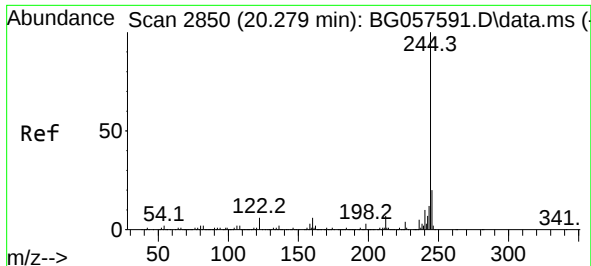
Ion Ratio Lower Upper

240 100

120 7.2 5.2 7.8

236 25.5 21.4 32.0

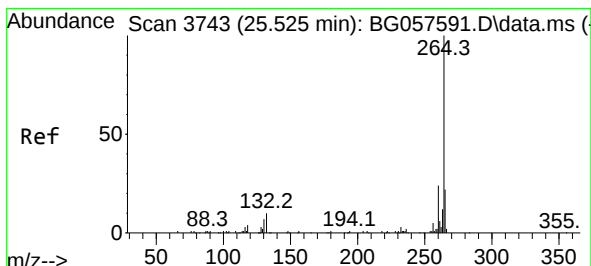
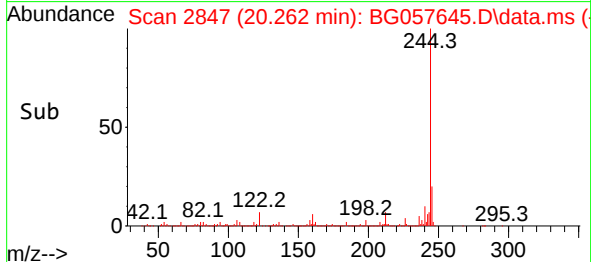
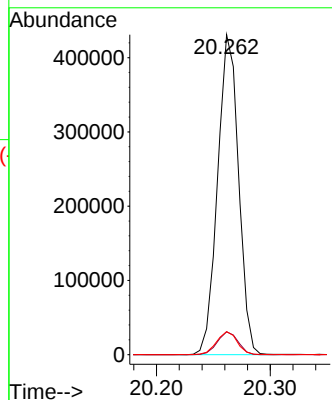
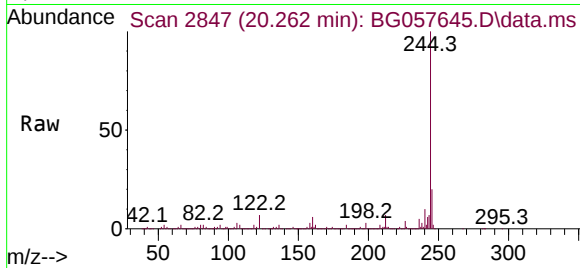




#79
 Terphenyl-d14
 Concen: 66.625 ng
 RT: 20.262 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057645.D
 Acq: 6 Jun 2023 20:16

Instrument :
 BNA_G
 ClientSampleId :
 DMA-1103

Tgt Ion:244 Resp: 553069
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 7.2 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.490 min Scan# 3737
 Delta R.T. -0.009 min
 Lab File: BG057645.D
 Acq: 6 Jun 2023 20:16

Tgt Ion:264 Resp: 156207
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 20.8 17.7 26.5

