

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057634.D
 Acq On : 31 May 2023 23:34
 Operator : CG/JU
 Sample : 02981-04 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Jun 01 03:58:47 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)

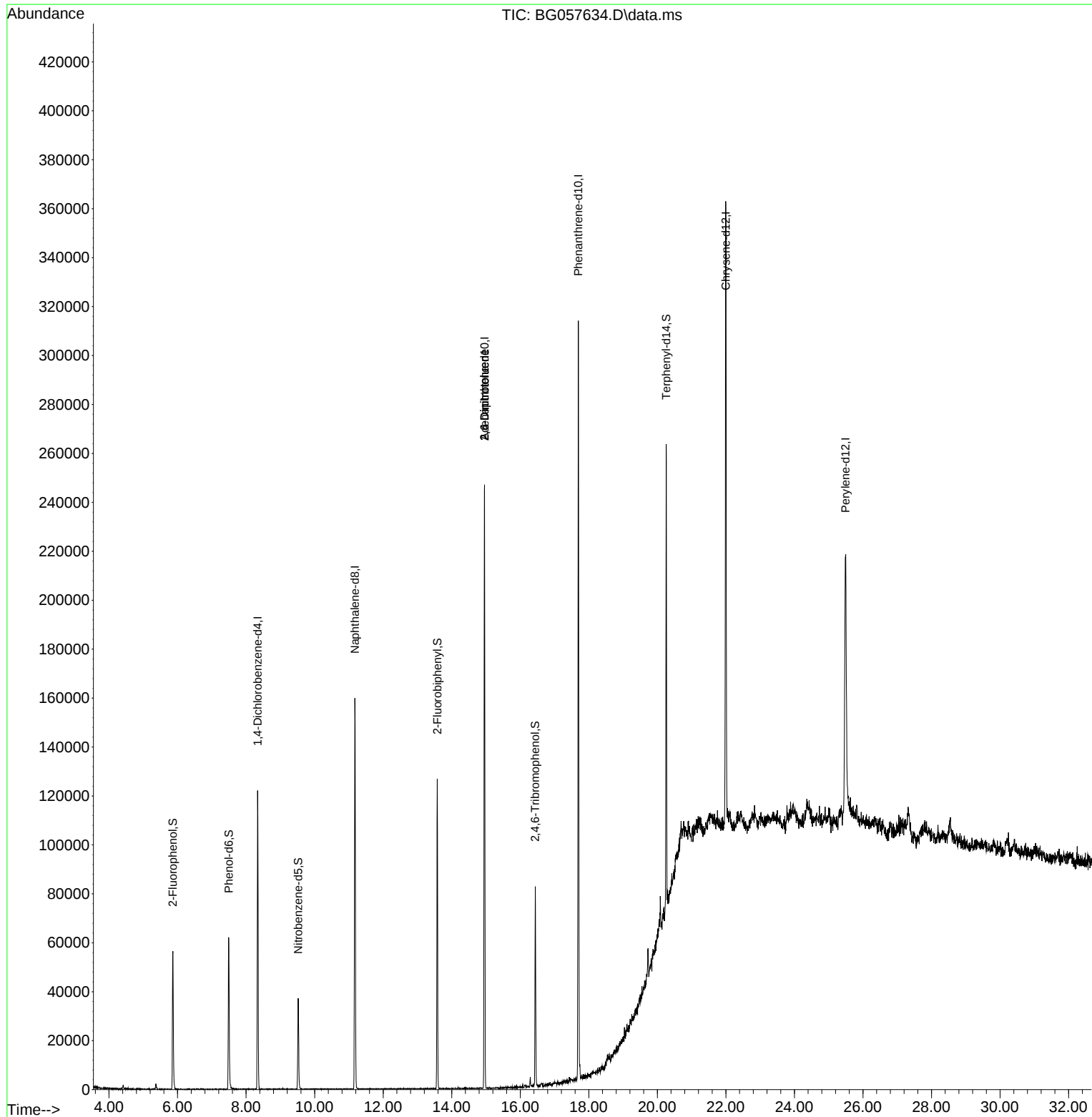
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	35610	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	140820	20.000	ng	0.00
39) Acenaphthene-d10	14.958	164	93705	20.000	ng	0.00
64) Phenanthrene-d10	17.696	188	202365	20.000	ng	0.00
76) Chrysene-d12	21.996	240	164146	20.000	ng	0.00
86) Perylene-d12	25.491	264	161814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	29812	14.544	ng	0.00
7) Phenol-d6	7.492	99	43160	13.455	ng	0.00
23) Nitrobenzene-d5	9.518	82	27717	9.201	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	17577	11.716	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	68875	10.563	ng	0.00
79) Terphenyl-d14	20.257	244	98072	10.349	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.958	165	12451	7.531	ng	# 27
57) 2,4-Dinitrotoluene	14.958	165	12451	5.030	ng	# 25

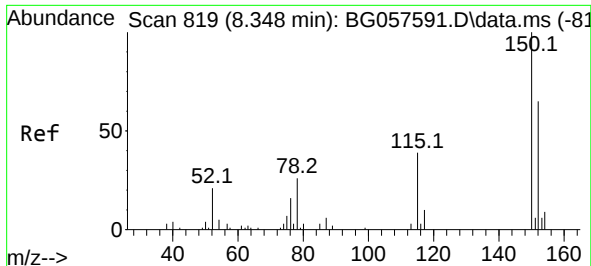
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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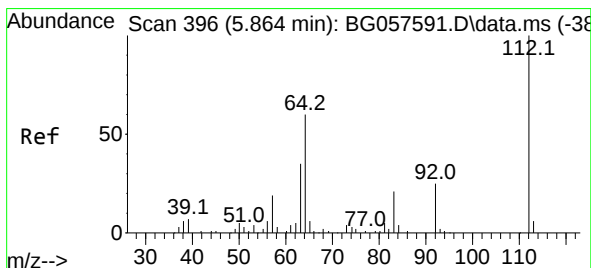
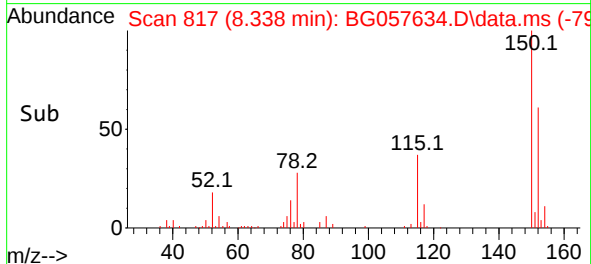
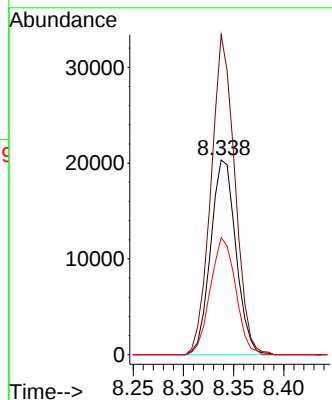
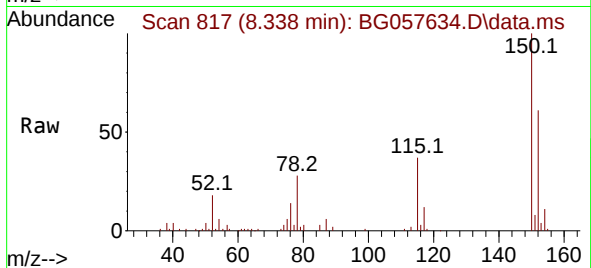




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 819
Delta R.T. 0.004 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

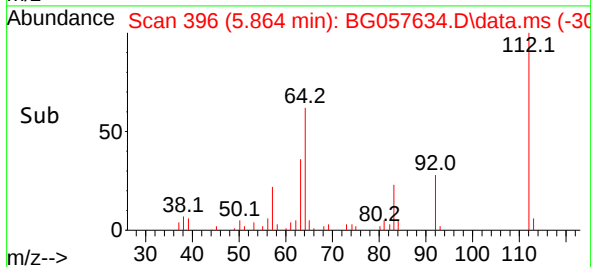
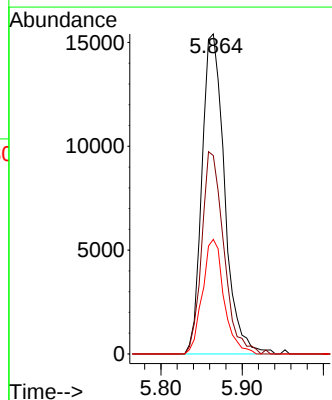
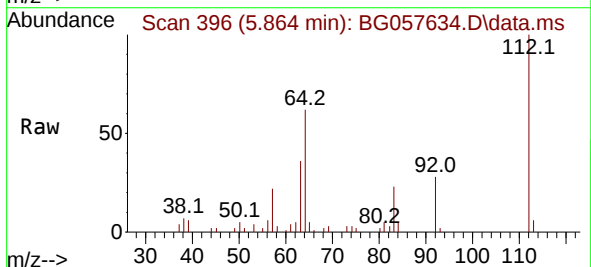
Instrument :
BNA_G
ClientSampleId :
TP-4

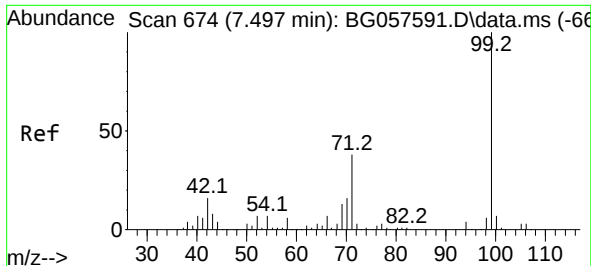
Tgt Ion:152 Resp: 35610
Ion Ratio Lower Upper
152 100
150 164.3 123.0 184.4
115 60.1 47.4 71.2



#5
2-Fluorophenol
Concen: 14.544 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.010 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

Tgt Ion:112 Resp: 29812
Ion Ratio Lower Upper
112 100
64 62.0 47.8 71.6
63 35.8 27.8 41.8

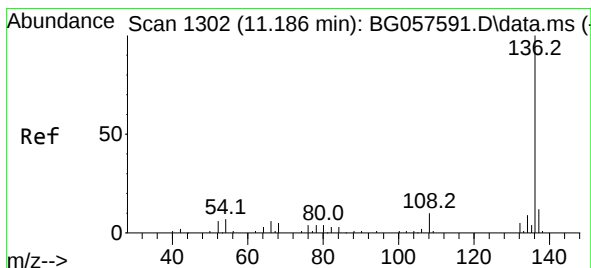
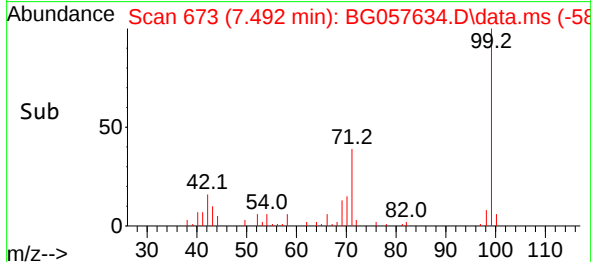
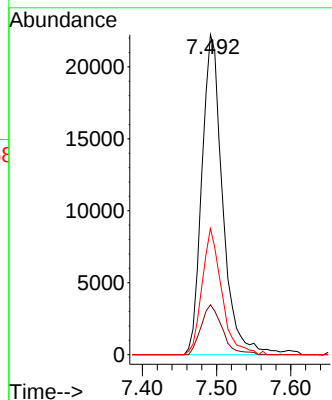
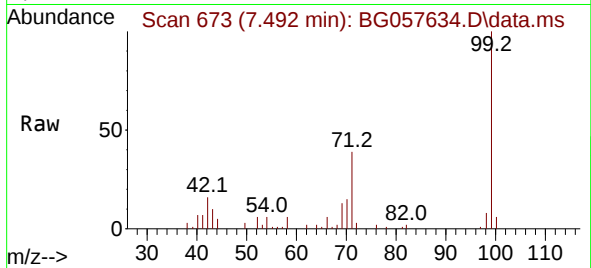




#7
Phenol-d6
Concen: 13.455 ng
RT: 7.492 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

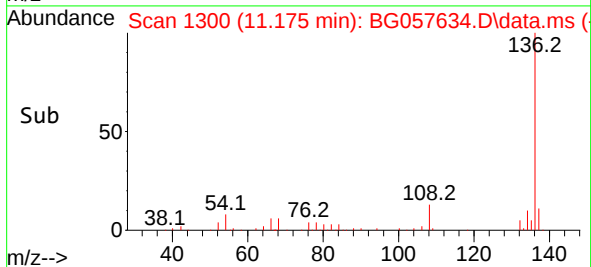
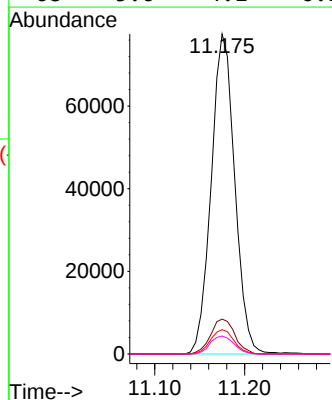
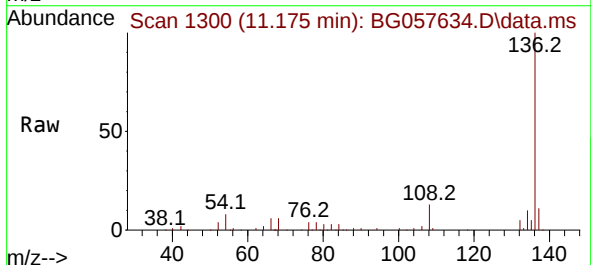
Instrument :
BNA_G
ClientSampleId :
TP-4

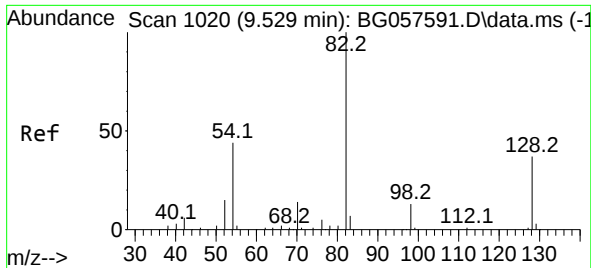
Tgt Ion: 99 Resp: 43160
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 39.4 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

Tgt Ion:136 Resp: 140820
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 7.6 5.8 8.6
68 5.6 4.1 6.1

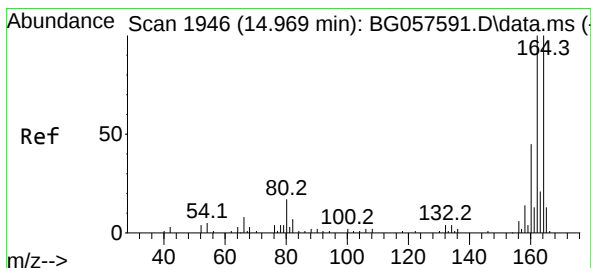
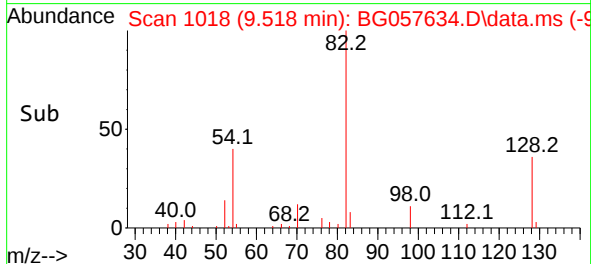
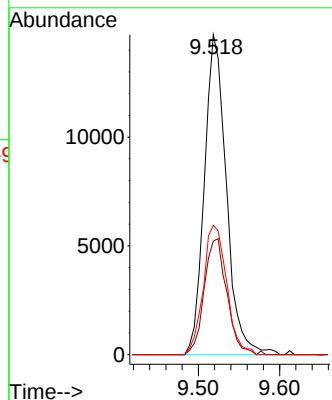
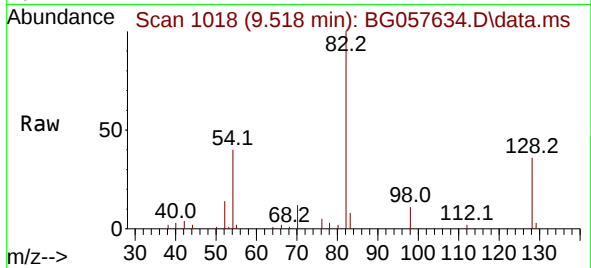




#23
Nitrobenzene-d5
Concen: 9.201 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

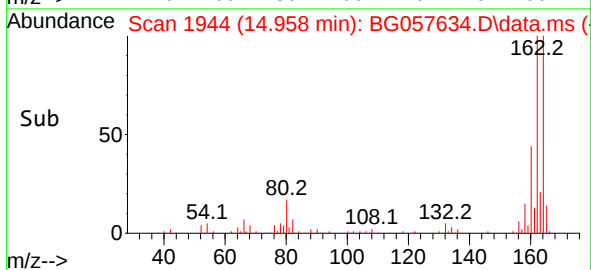
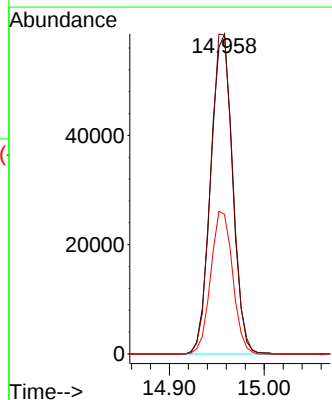
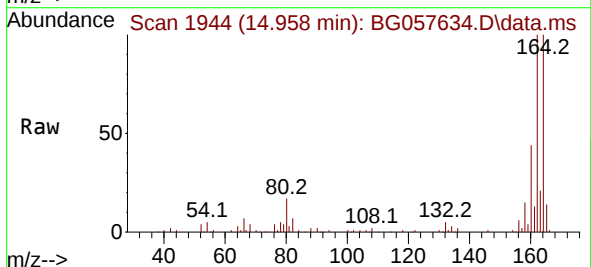
Instrument :
BNA_G
ClientSampleId :
TP-4

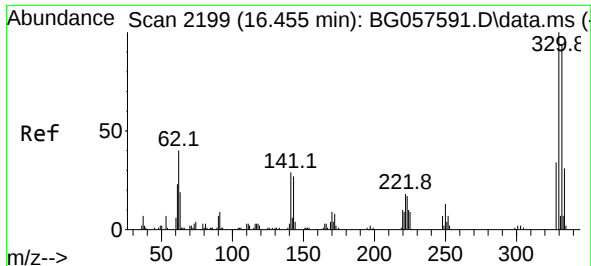
Tgt Ion: 82 Resp: 27717
Ion Ratio Lower Upper
82 100
128 35.5 30.0 45.0
54 40.4 35.2 52.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.958 min Scan# 1944
Delta R.T. -0.002 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

Tgt Ion:164 Resp: 93705
Ion Ratio Lower Upper
164 100
162 99.6 80.1 120.1
160 43.6 35.9 53.9

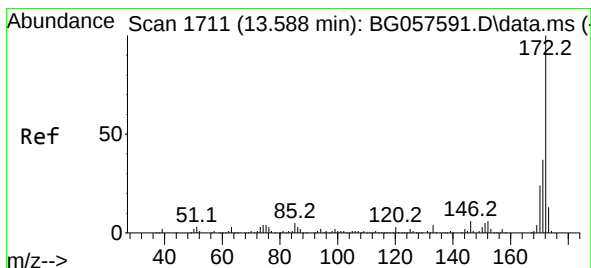
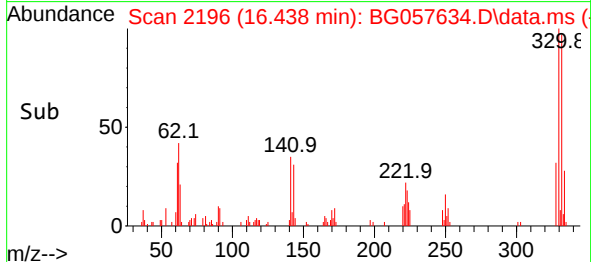
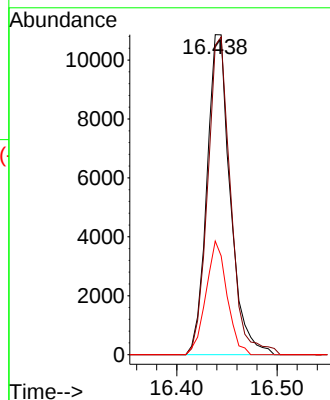
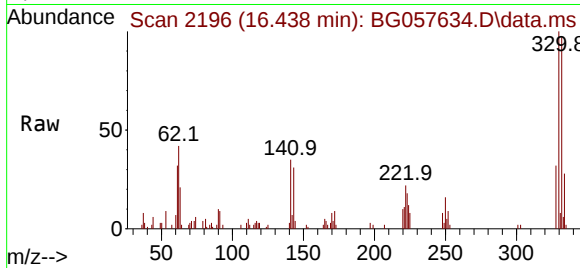




#42
2,4,6-Tribromophenol
Concen: 11.716 ng
RT: 16.438 min Scan# 2199
Delta R.T. -0.008 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

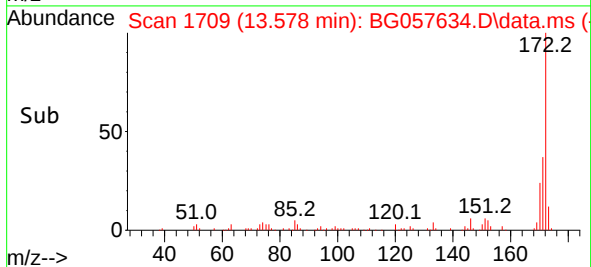
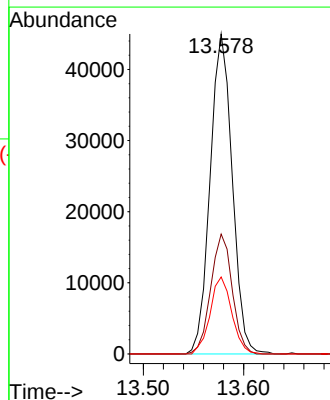
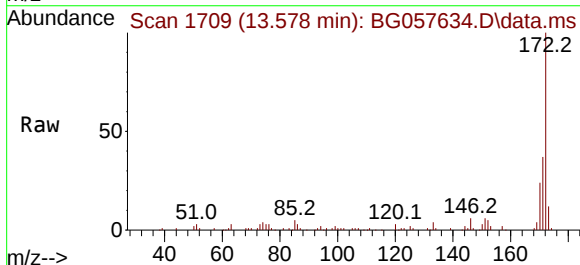
Instrument :
BNA_G
ClientSampleId :
TP-4

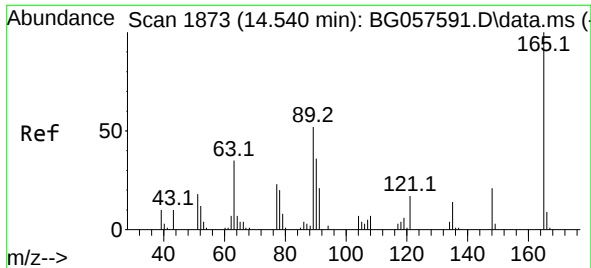
Tgt Ion:330 Resp: 17577
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 32.1 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 10.563 ng
RT: 13.578 min Scan# 1709
Delta R.T. -0.002 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

Tgt Ion:172 Resp: 68875
Ion Ratio Lower Upper
172 100
171 37.4 29.2 43.8
170 24.0 19.0 28.4

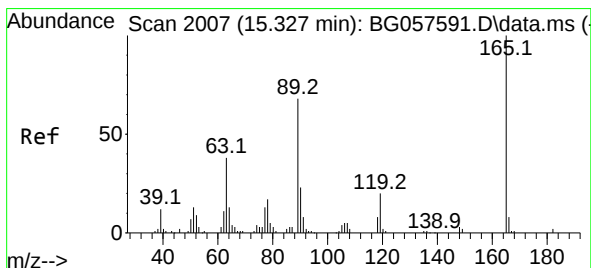
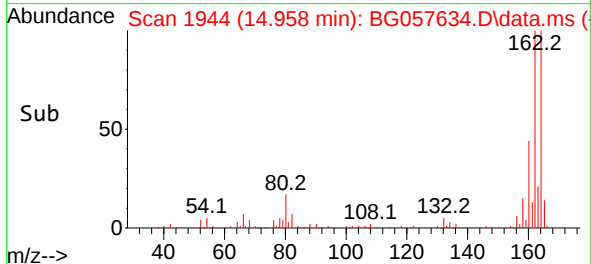
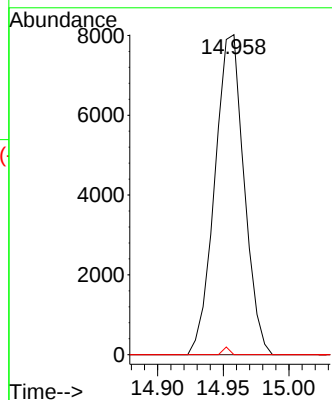
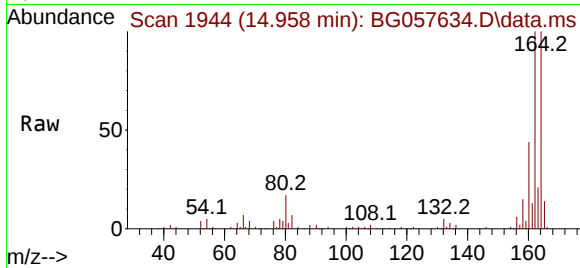




#51
2,6-Dinitrotoluene
Concen: 7.531 ng
RT: 14.958 min Scan# 1944
Delta R.T. 0.427 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

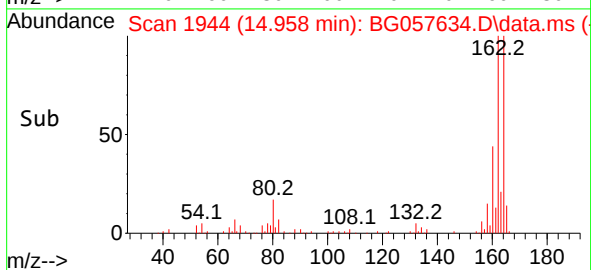
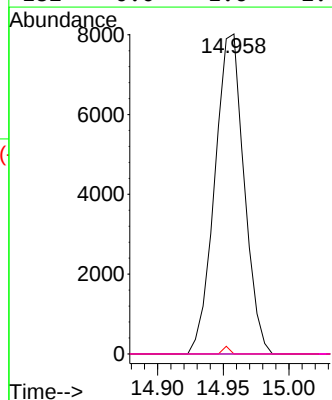
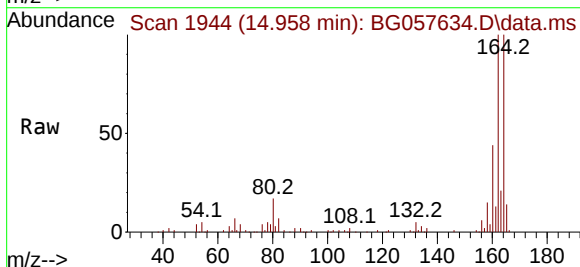
Instrument :
BNA_G
ClientSampleId :
TP-4

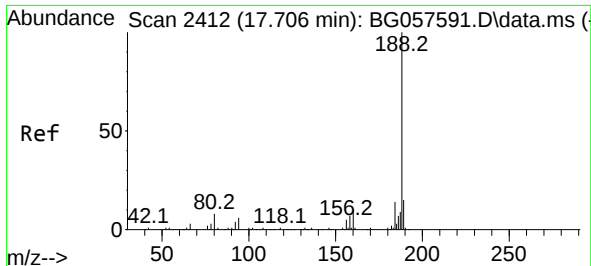
Tgt Ion:165 Resp: 12451
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 0.0 41.5 62.3#



#57
2,4-Dinitrotoluene
Concen: 5.030 ng
RT: 14.958 min Scan# 1944
Delta R.T. -0.366 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

Tgt Ion:165 Resp: 12451
Ion Ratio Lower Upper
165 100
63 0.0 30.6 45.8#
89 0.0 54.2 81.2#
182 0.0 1.6 2.4#

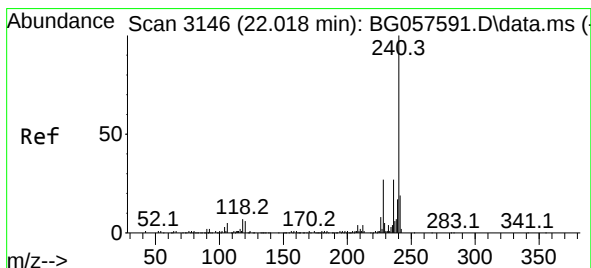
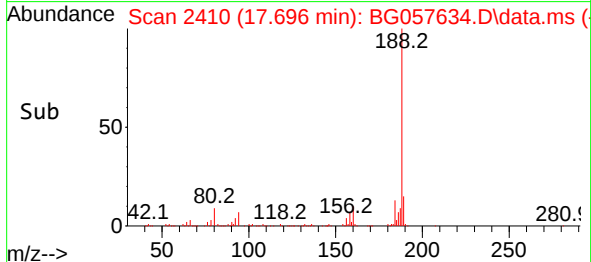
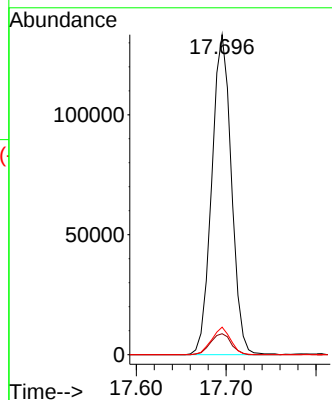
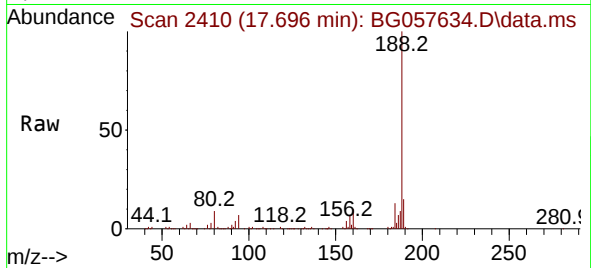




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.696 min Scan# 2412
Delta R.T. -0.002 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

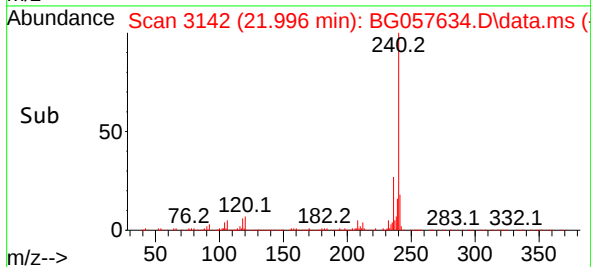
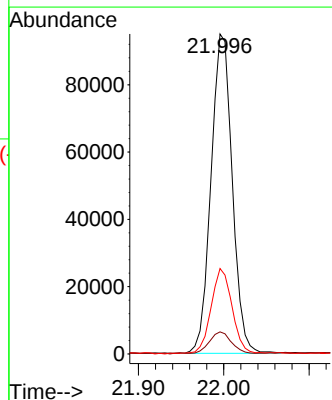
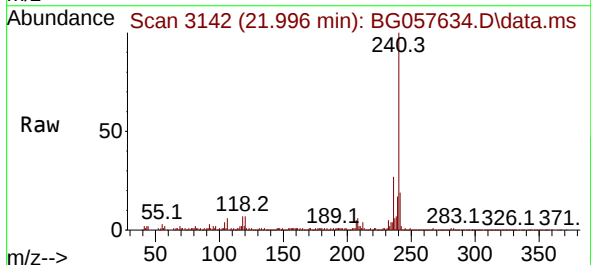
Instrument :
BNA_G
ClientSampleId :
TP-4

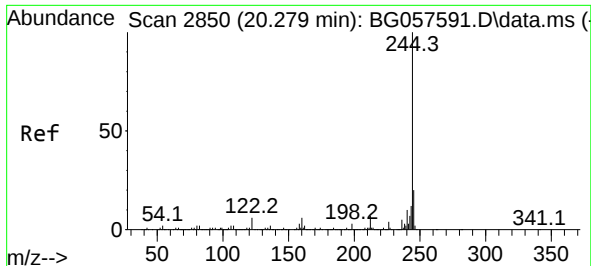
Tgt Ion:188 Resp: 202365
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 8.6 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.996 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BG057634.D
Acq: 31 May 2023 23:34

Tgt Ion:240 Resp: 164146
Ion Ratio Lower Upper
240 100
120 6.9 5.2 7.8
236 26.7 21.4 32.0

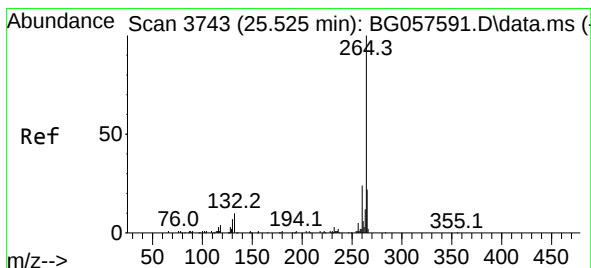
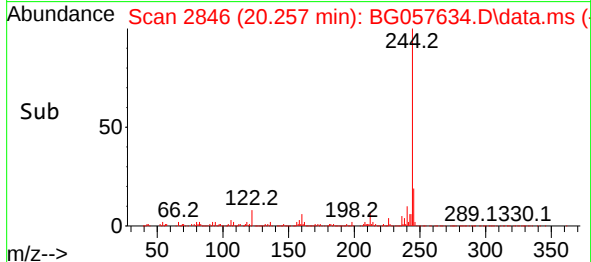
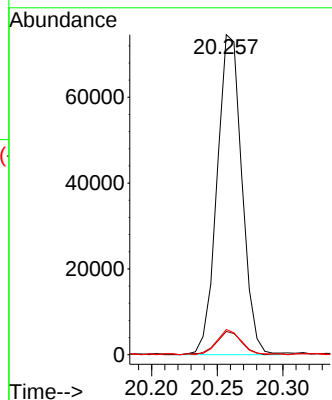
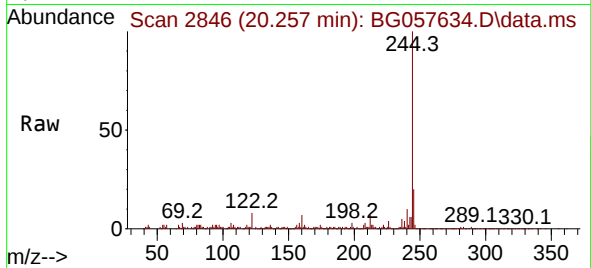




#79
 Terphenyl-d14
 Concen: 10.349 ng
 RT: 20.257 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG057634.D
 Acq: 31 May 2023 23:34

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 98072
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 7.8 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: BG057634.D
 Acq: 31 May 2023 23:34

Tgt Ion:264 Resp: 161814
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 22.1 17.7 26.5

