

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057641.D
 Acq On : 6 Jun 2023 17:28
 Operator : CG/JU
 Sample : 03021-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20230601

Quant Time: Jun 06 18:28:51 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	8.343	152	23464	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	100451	20.000	ng	# 0.00
39) Acenaphthene-d10	14.957	164	77363	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	197341	20.000	ng	0.00
76) Chrysene-d12	22.001	240	173866	20.000	ng	0.00
86) Perylene-d12	25.496	264	189392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	72240	53.487	ng	0.00
7) Phenol-d6	7.491	99	65386	30.935	ng	0.00
23) Nitrobenzene-d5	9.523	82	179653	83.604	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	149502	120.702	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	477901	88.776	ng	0.00
79) Terphenyl-d14	20.268	244	905561	90.221	ng	0.00

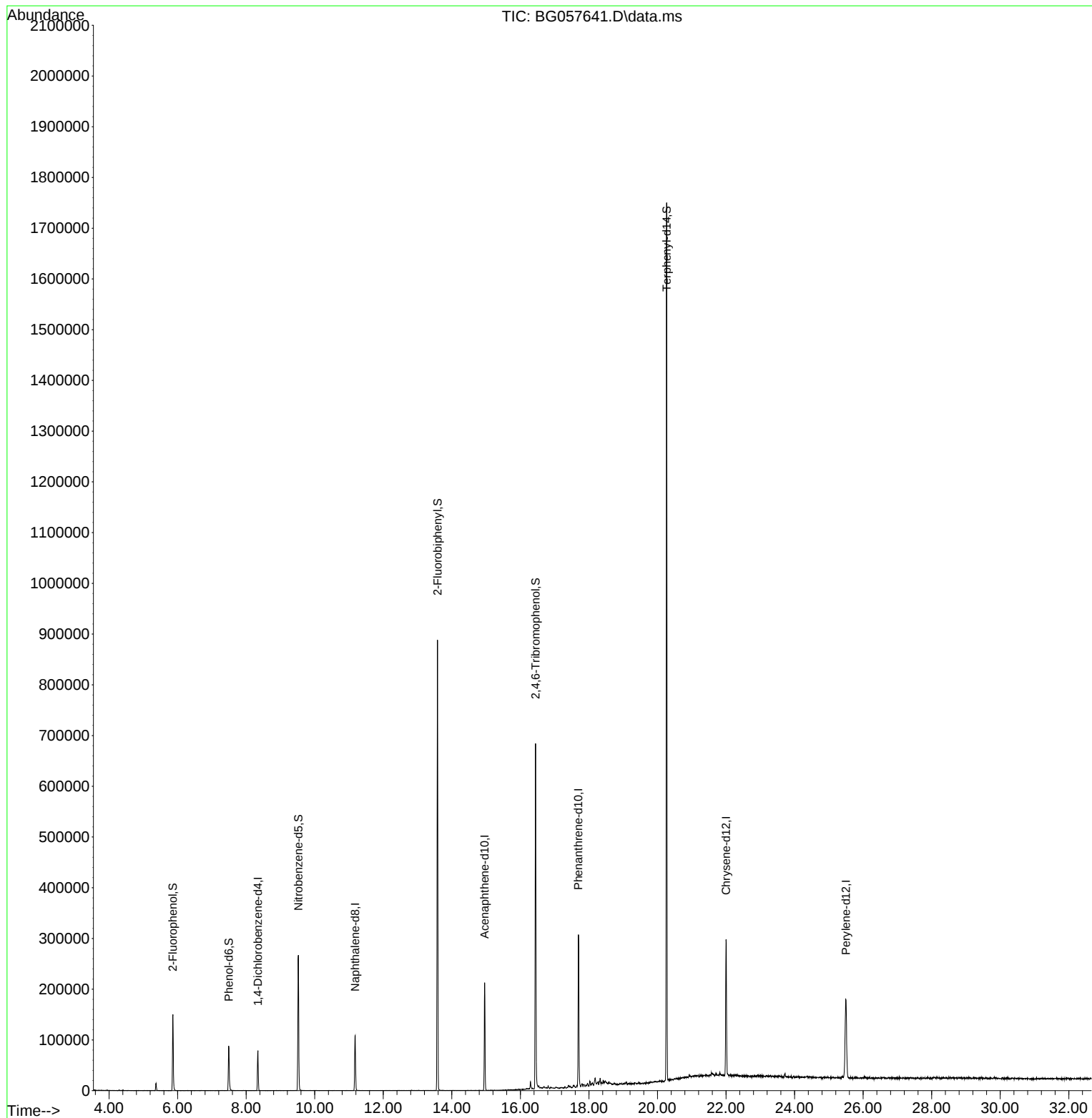
Target Compounds	Qvalue

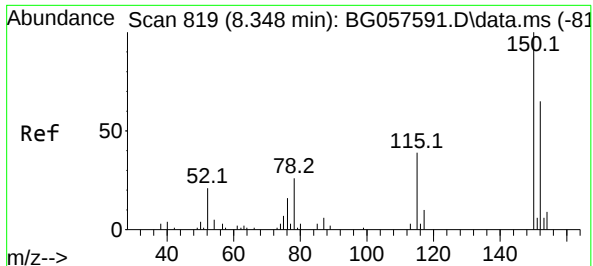
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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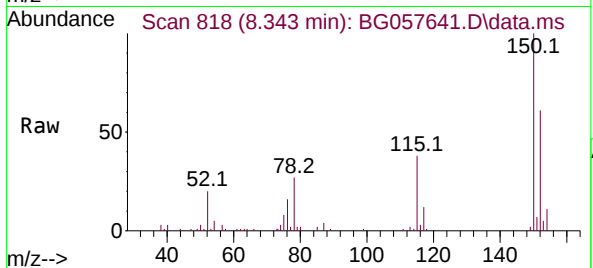
Quant Time: Jun 06 18:28:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
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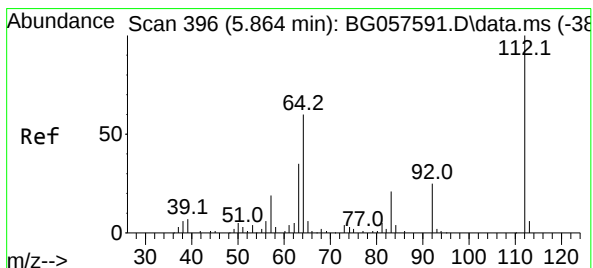
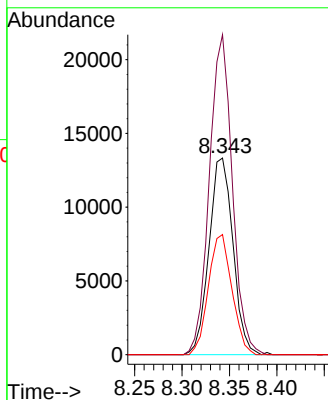
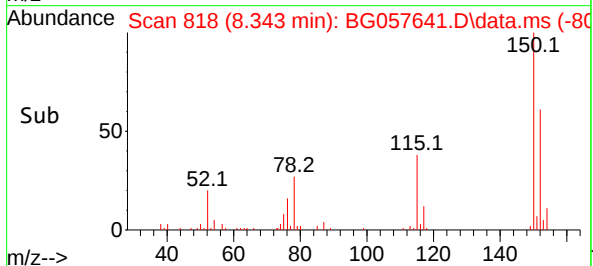


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 819
Delta R.T. 0.009 min
Lab File: BG057641.D
Acq: 6 Jun 2023 17:28

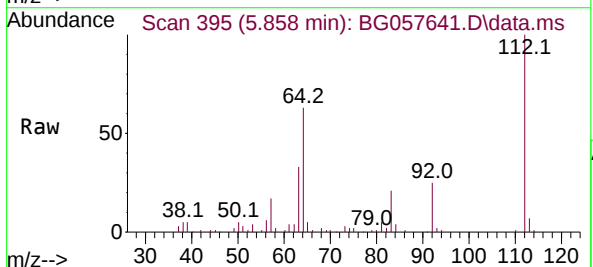
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BNA_G
ClientSampleId :
SP-303-20230601



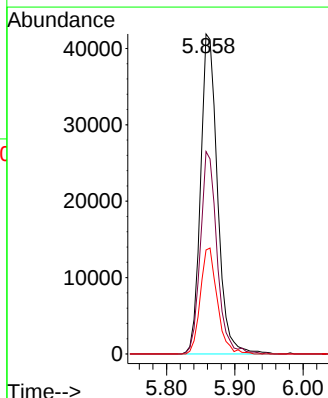
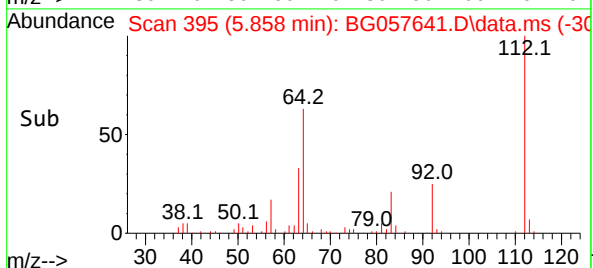
Tgt Ion:152 Resp: 23464
Ion Ratio Lower Upper
152 100
150 162.8 123.0 184.4
115 61.1 47.4 71.2

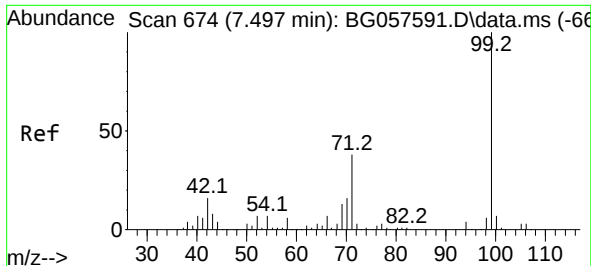


#5
2-Fluorophenol
Concen: 53.487 ng
RT: 5.858 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG057641.D
Acq: 6 Jun 2023 17:28



Tgt Ion:112 Resp: 72240
Ion Ratio Lower Upper
112 100
64 63.2 47.8 71.6
63 32.5 27.8 41.8

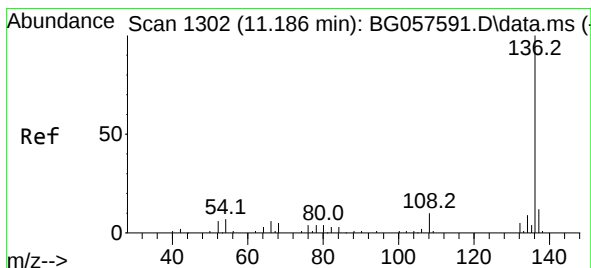
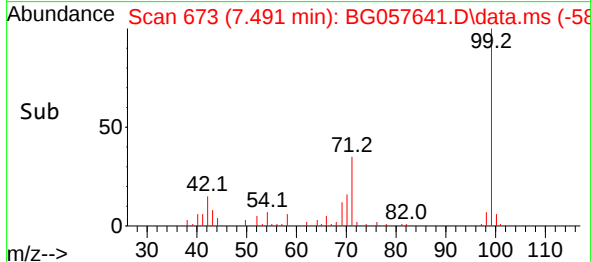
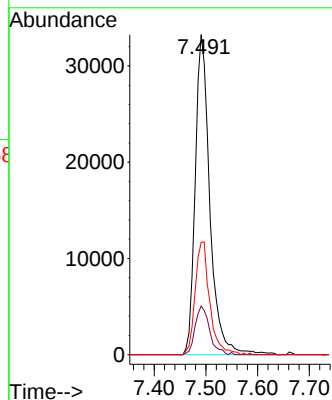
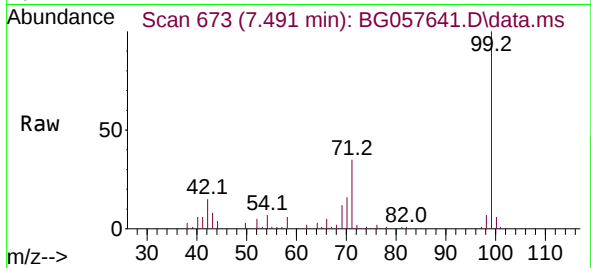




#7
Phenol-d6
Concen: 30.935 ng
RT: 7.491 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057641.D
Acq: 6 Jun 2023 17:28

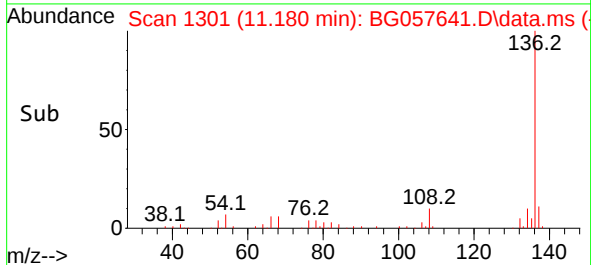
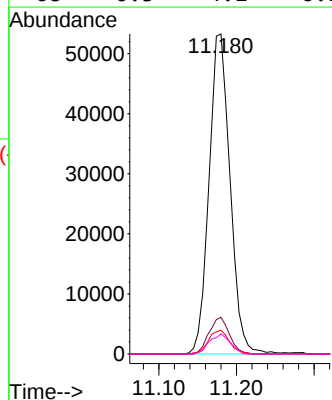
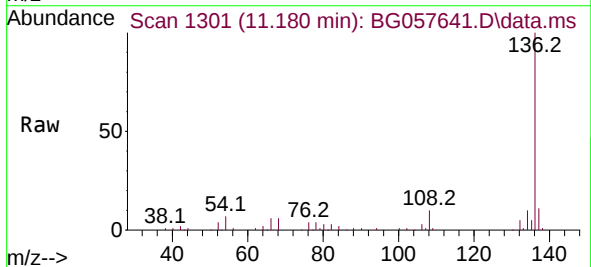
Instrument :
BNA_G
ClientSampleId :
SP-303-20230601

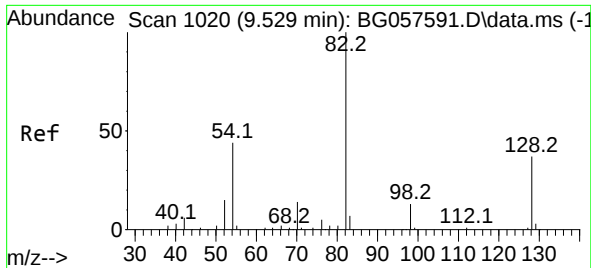
Tgt Ion: 99 Resp: 65386
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 35.1 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 1301
Delta R.T. 0.003 min
Lab File: BG057641.D
Acq: 6 Jun 2023 17:28

Tgt Ion: 136 Resp: 100451
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.8
54 7.4 5.8 8.6
68 6.3 4.1 6.1#

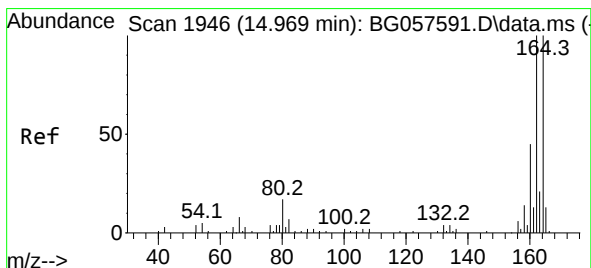
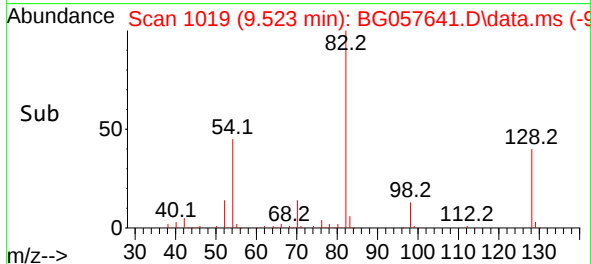
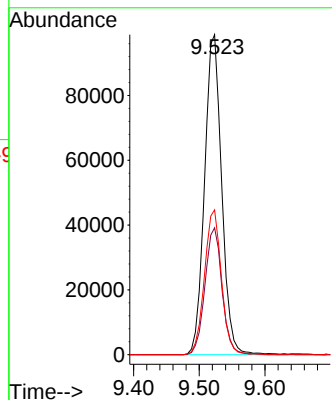
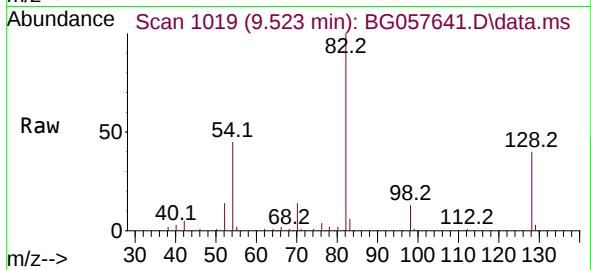




#23
Nitrobenzene-d5
Concen: 83.604 ng
RT: 9.523 min Scan# 1019
Delta R.T. 0.003 min
Lab File: BG057641.D
Acq: 6 Jun 2023 17:28

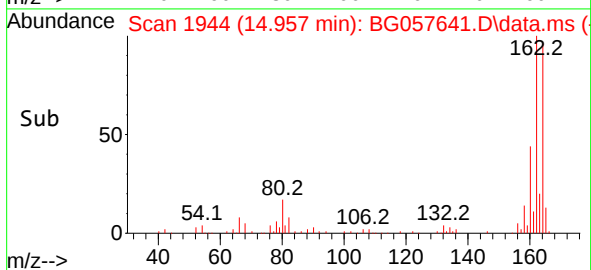
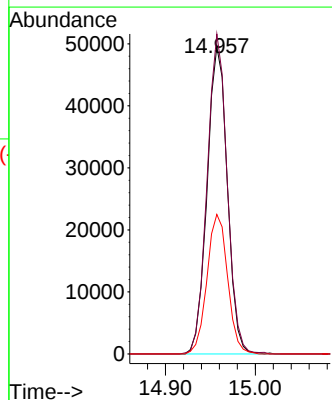
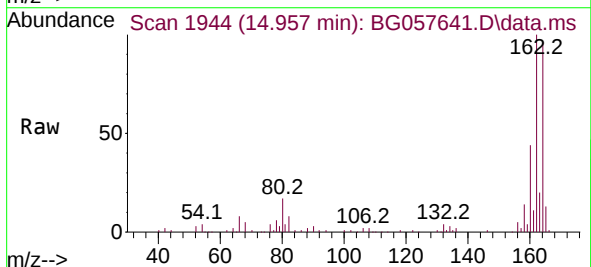
Instrument :
BNA_G
ClientSampleId :
SP-303-20230601

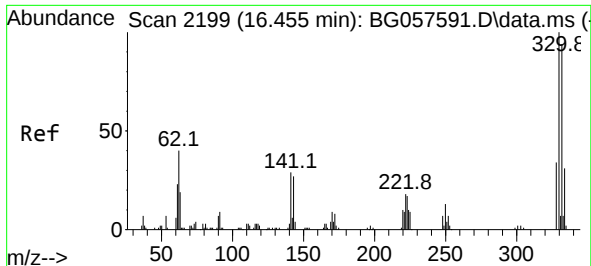
Tgt Ion: 82 Resp: 179653
Ion Ratio Lower Upper
82 100
128 39.7 30.0 45.0
54 45.2 35.2 52.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.957 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG057641.D
Acq: 6 Jun 2023 17:28

Tgt Ion:164 Resp: 77363
Ion Ratio Lower Upper
164 100
162 104.2 80.1 120.1
160 45.4 35.9 53.9

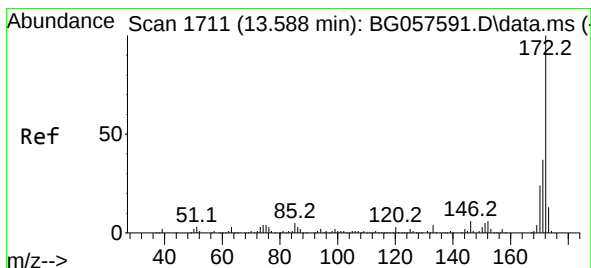
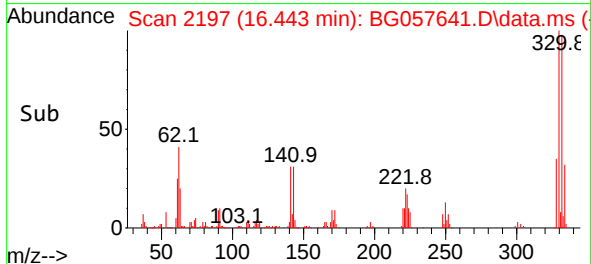
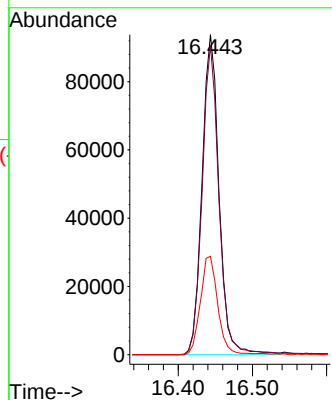
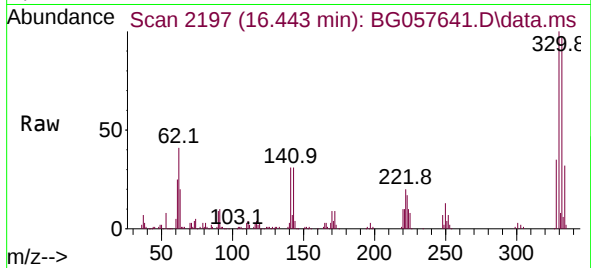




#42
2,4,6-Tribromophenol
Concen: 120.702 ng
RT: 16.443 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG057641.D
Acq: 6 Jun 2023 17:28

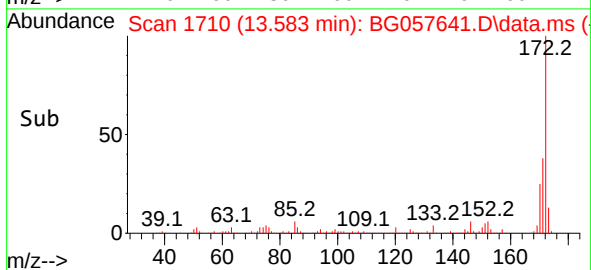
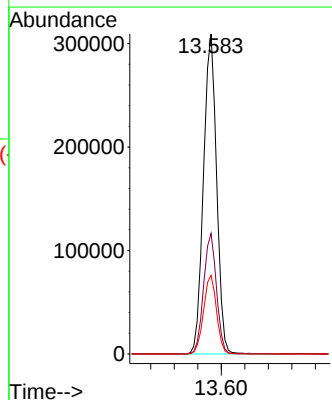
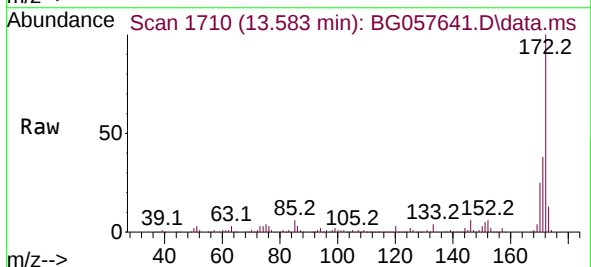
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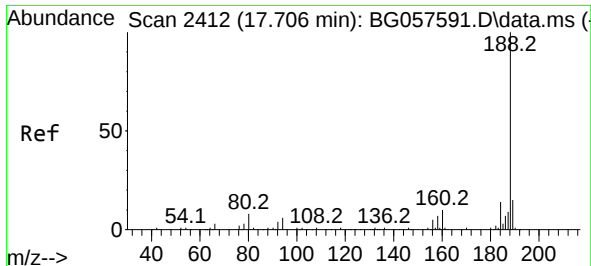
Tgt Ion:330 Resp: 149502
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 31.7 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 88.776 ng
RT: 13.583 min Scan# 1710
Delta R.T. 0.003 min
Lab File: BG057641.D
Acq: 6 Jun 2023 17:28

Tgt Ion:172 Resp: 477901
Ion Ratio Lower Upper
172 100
171 37.6 29.2 43.8
170 24.5 19.0 28.4

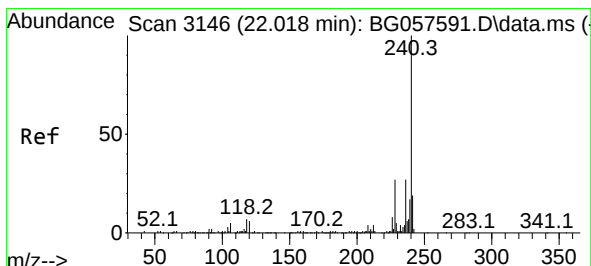
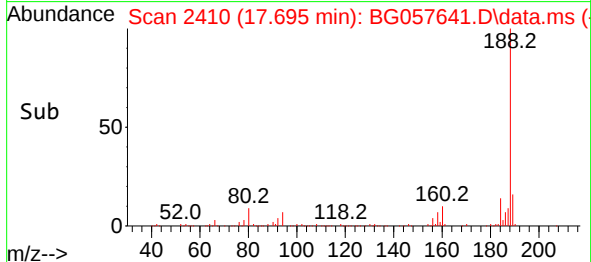
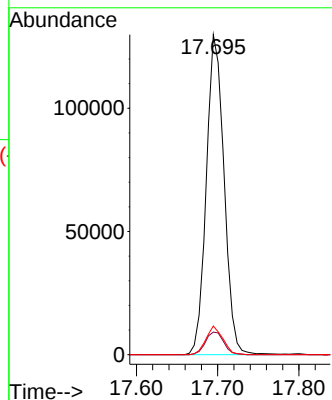
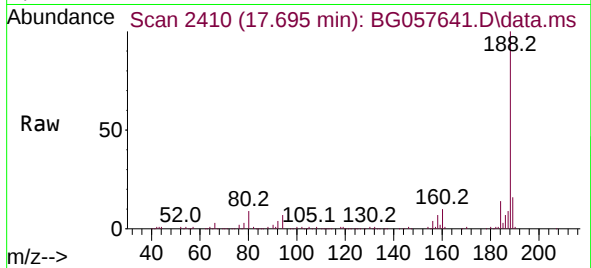




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2412
Delta R.T. -0.003 min
Lab File: BG057641.D
Acq: 6 Jun 2023 17:28

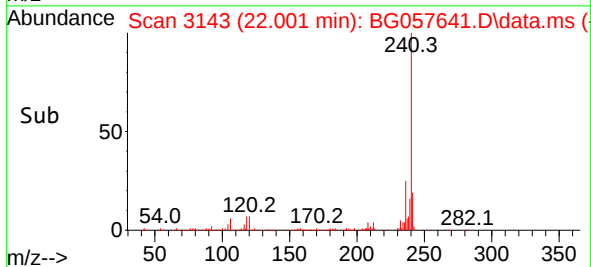
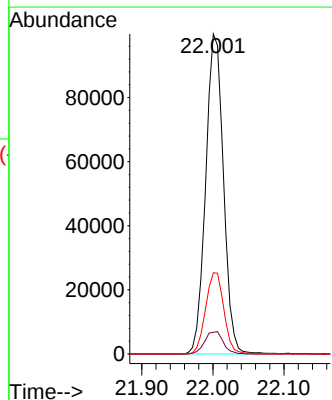
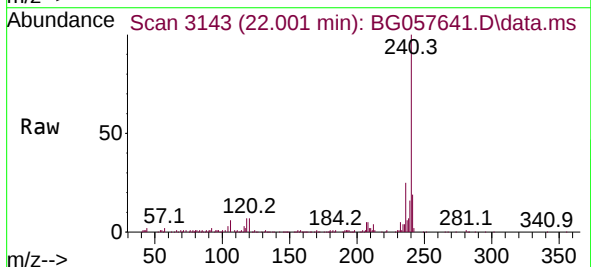
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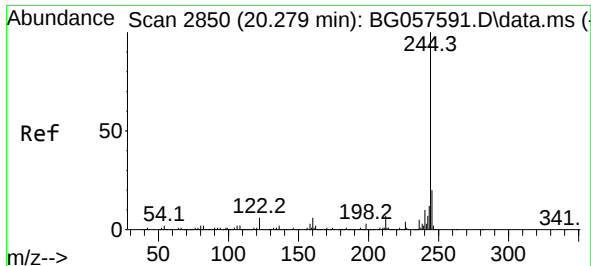
Tgt Ion:188 Resp: 197341
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 9.0 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG057641.D
Acq: 6 Jun 2023 17:28

Tgt Ion:240 Resp: 173866
Ion Ratio Lower Upper
240 100
120 6.7 5.2 7.8
236 25.3 21.4 32.0

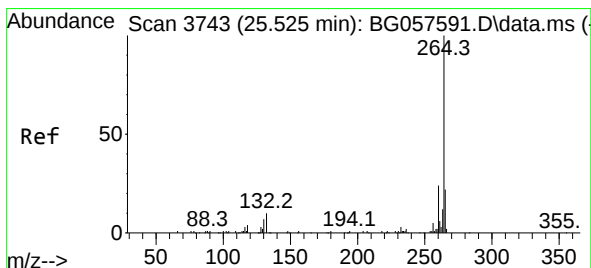
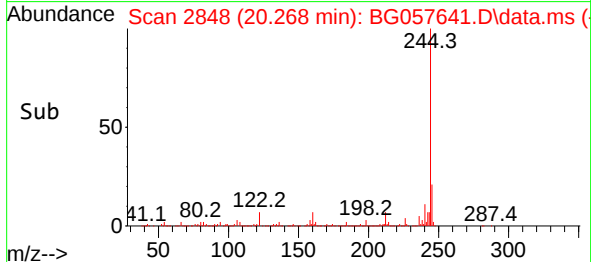
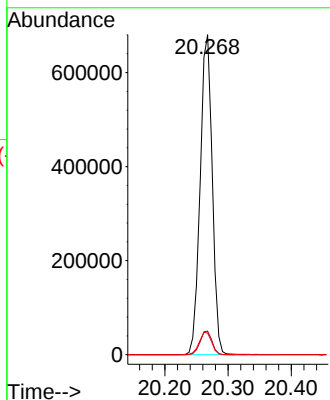
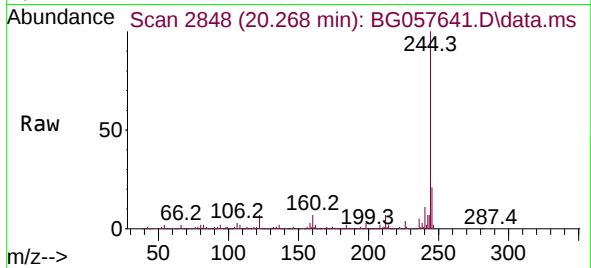




#79
 Terphenyl-d14
 Concen: 90.221 ng
 RT: 20.268 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057641.D
 Acq: 6 Jun 2023 17:28

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20230601

Tgt Ion:244 Resp: 905561
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 6.7 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.496 min Scan# 3738
 Delta R.T. -0.003 min
 Lab File: BG057641.D
 Acq: 6 Jun 2023 17:28

Tgt Ion:264 Resp: 189392
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.1 28.7
 265 20.5 17.7 26.5

