

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056409.D
 Acq On : 24 Jan 2023 19:10
 Operator : CG/JU
 Sample : 01260-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-26

Quant Time: Jan 25 05:34:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

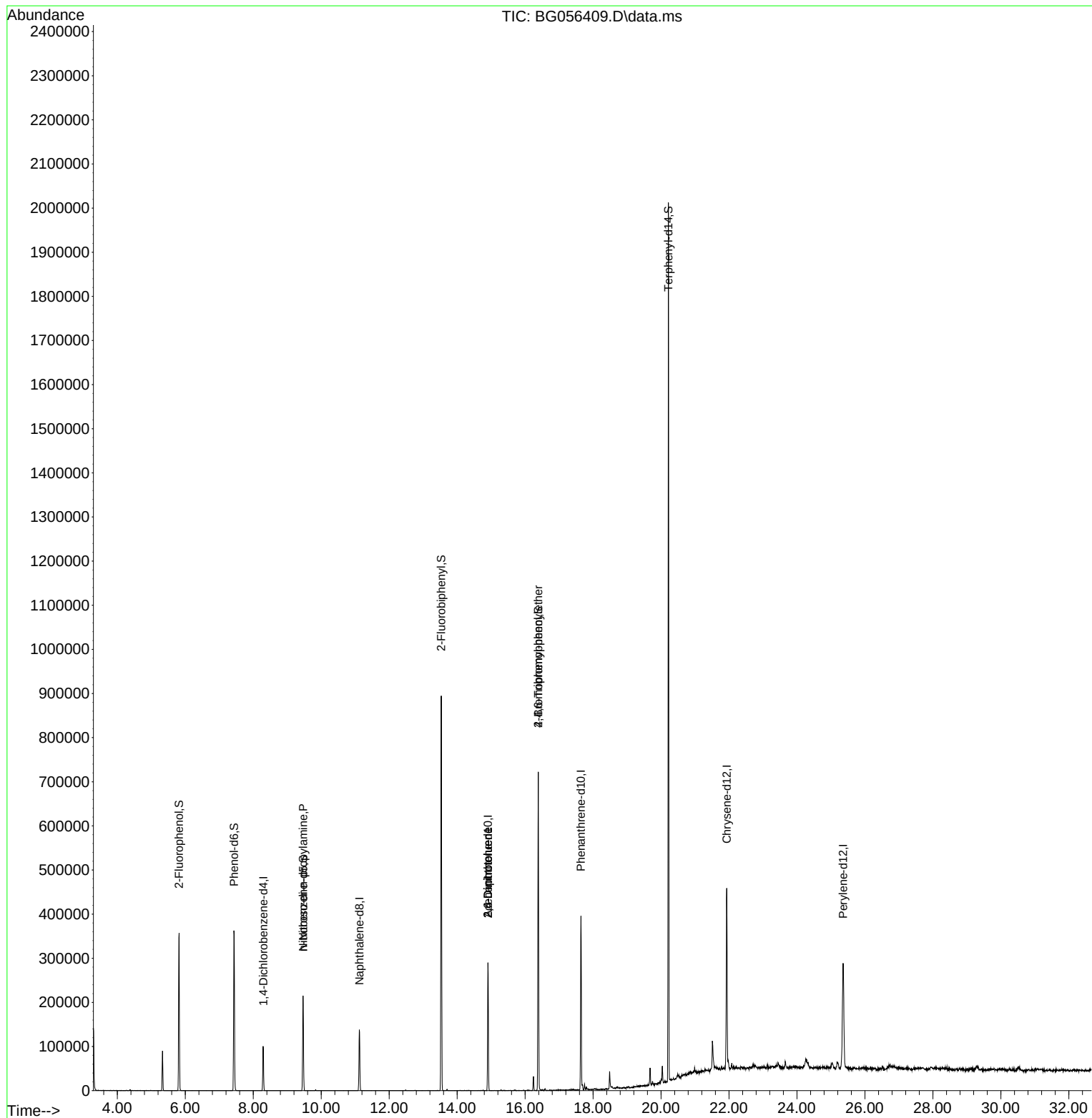
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	34153	20.000	ng	0.00
21) Naphthalene-d8	11.122	136	132029	20.000	ng	0.00
39) Acenaphthene-d10	14.906	164	110214	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	287158	20.000	ng	0.00
76) Chrysene-d12	21.933	240	270096	20.000	ng	# 0.00
86) Perylene-d12	25.359	264	295316	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	205227	107.291	ng	0.00
7) Phenol-d6	7.432	99	288107	98.078	ng	0.00
23) Nitrobenzene-d5	9.465	82	150697	58.384	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	157857	113.091	ng	0.00
45) 2-Fluorobiphenyl	13.531	172	517485	64.837	ng	0.00
79) Terphenyl-d14	20.217	244	1049344	69.584	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.465	70	18084	10.124	ng	# 75
51) 2,6-Dinitrotoluene	14.906	165	14420	7.606	ng	# 33
57) 2,4-Dinitrotoluene	14.906	165	14420	5.439	ng	# 29
67) 4-Bromophenyl-phenylether	16.387	248	12767	3.491	ng	# 1

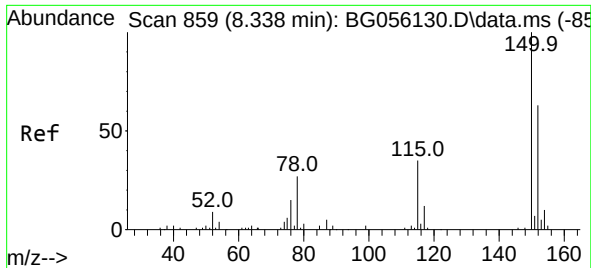
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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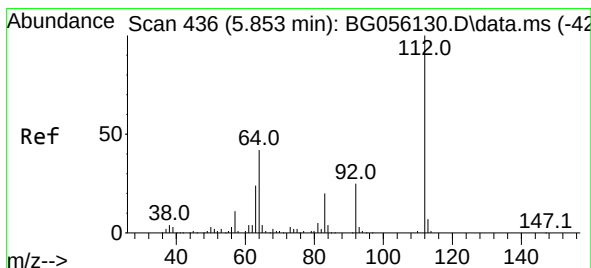
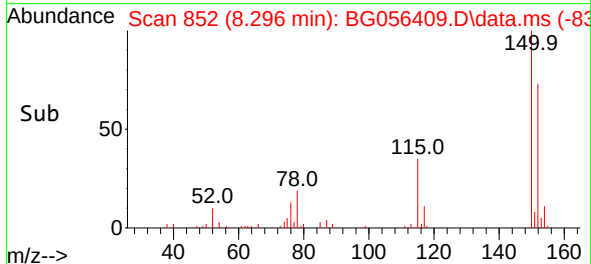
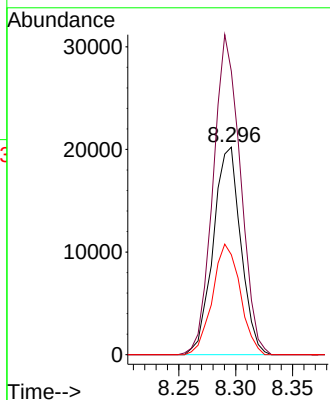
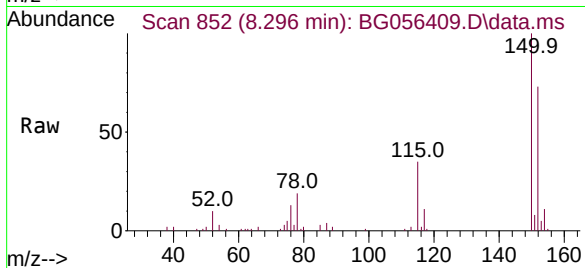




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

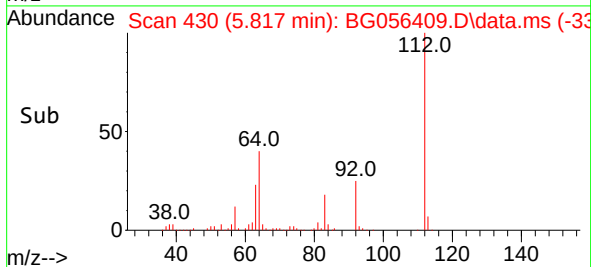
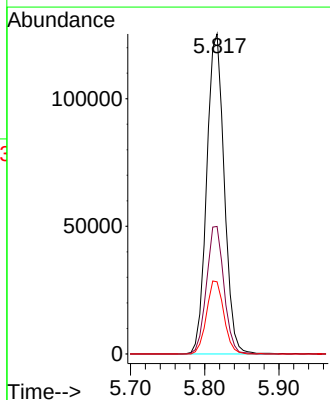
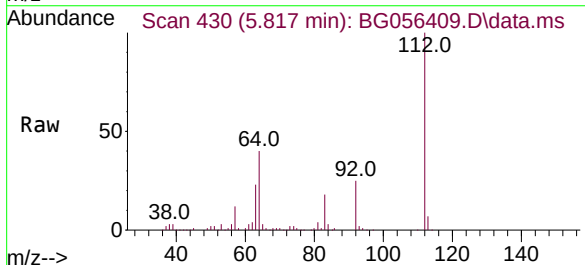
Instrument :
BNA_G
ClientSampleId :
TP-26

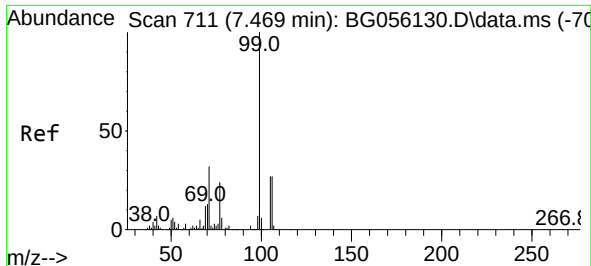
Tgt Ion:152 Resp: 34153
Ion Ratio Lower Upper
152 100
150 136.6 127.9 191.9
115 48.2 44.2 66.2



#5
2-Fluorophenol
Concen: 107.291 ng
RT: 5.817 min Scan# 430
Delta R.T. 0.003 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

Tgt Ion:112 Resp: 205227
Ion Ratio Lower Upper
112 100
64 39.8 33.3 49.9
63 22.6 19.0 28.4

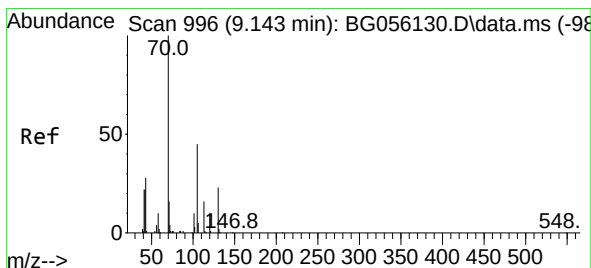
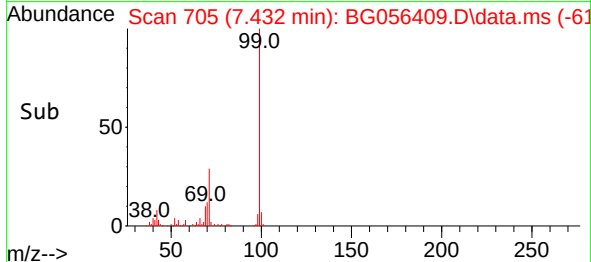
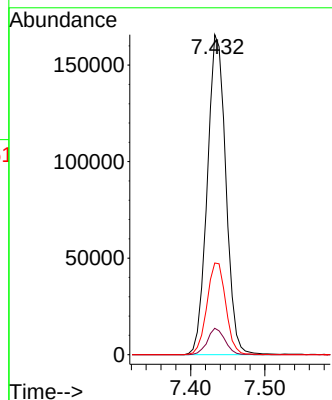
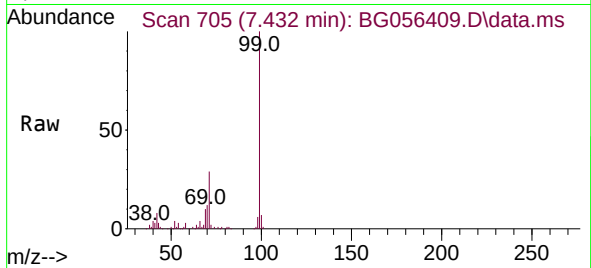




#7
Phenol-d6
Concen: 98.078 ng
RT: 7.432 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

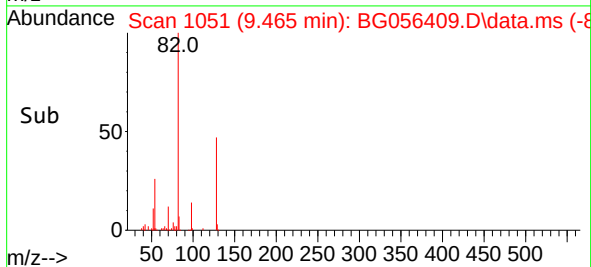
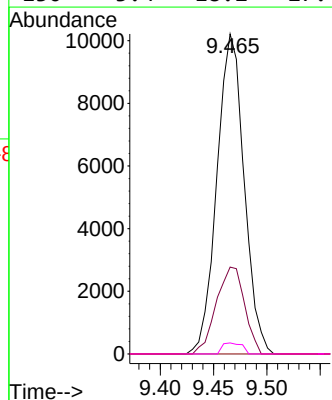
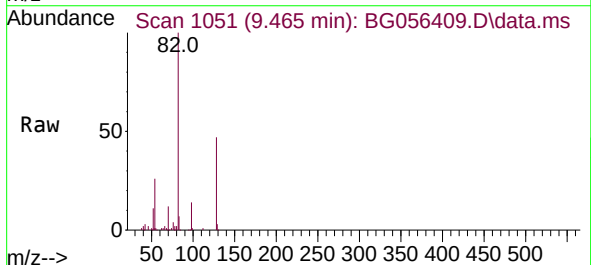
Instrument :
BNA_G
ClientSampleId :
TP-26

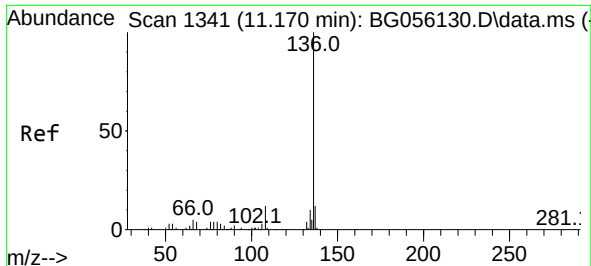
Tgt Ion: 99 Resp: 288107
Ion Ratio Lower Upper
99 100
42 8.2 5.9 8.9
71 28.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.124 ng
RT: 9.465 min Scan# 1051
Delta R.T. 0.367 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

Tgt Ion: 70 Resp: 18084
Ion Ratio Lower Upper
70 100
42 27.1 18.2 27.2
101 0.0 8.3 12.5#
130 3.4 18.2 27.4#

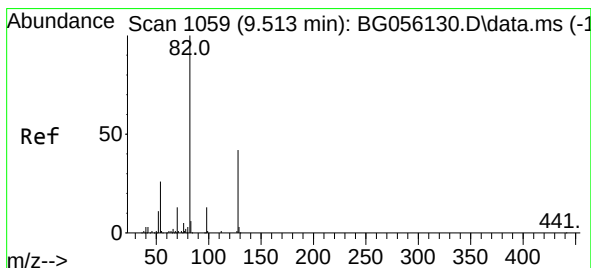
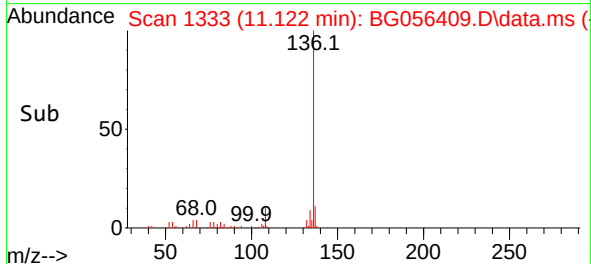
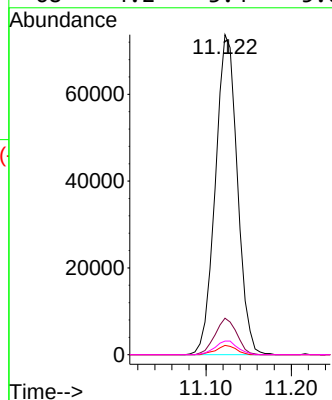
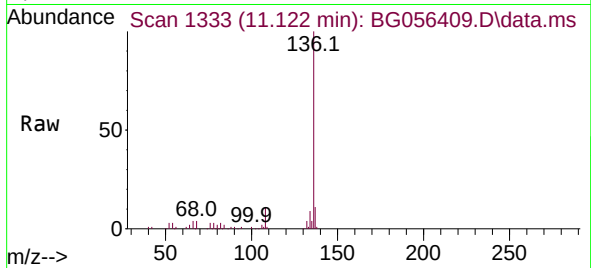




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

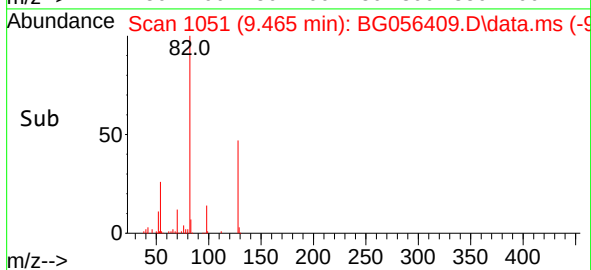
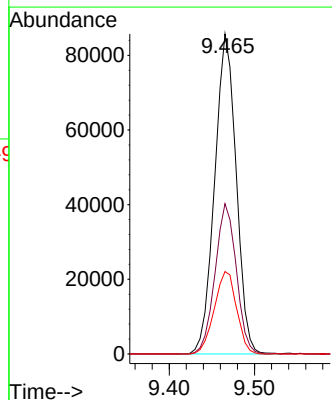
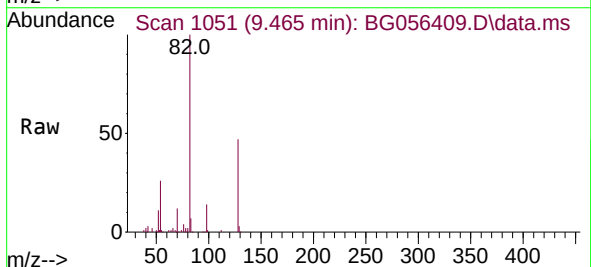
Instrument :
BNA_G
ClientSampleId :
TP-26

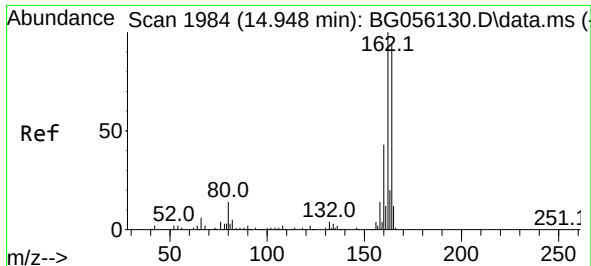
Tgt Ion:136 Resp: 132029
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 2.9 2.2 3.2
68 4.2 3.4 5.0



#23
Nitrobenzene-d5
Concen: 58.384 ng
RT: 9.465 min Scan# 1051
Delta R.T. -0.009 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

Tgt Ion: 82 Resp: 150697
Ion Ratio Lower Upper
82 100
128 47.0 33.4 50.2
54 25.8 20.3 30.5

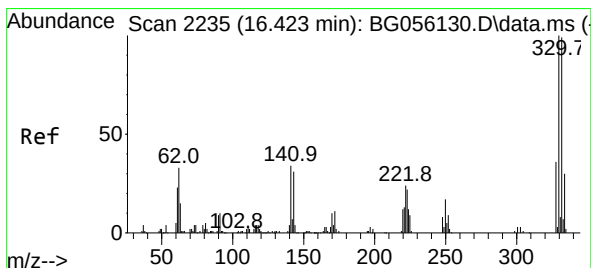
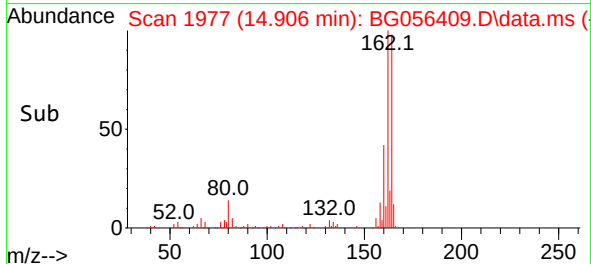
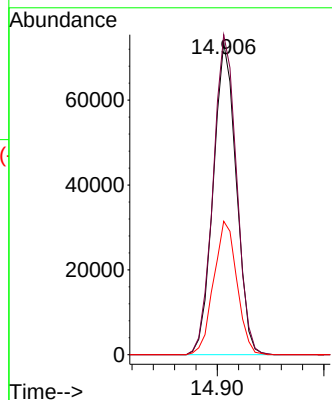
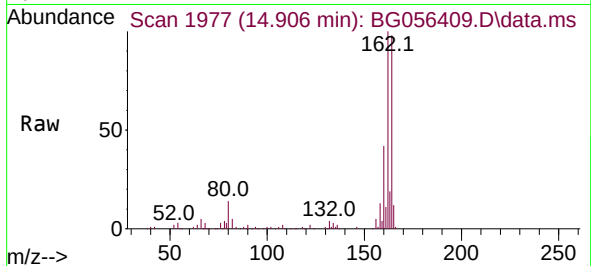




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.906 min Scan# 1984
Delta R.T. -0.009 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

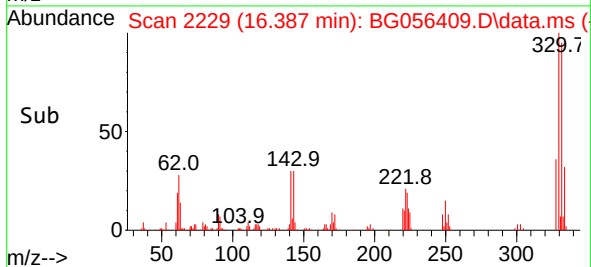
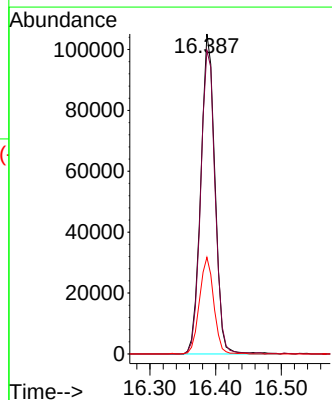
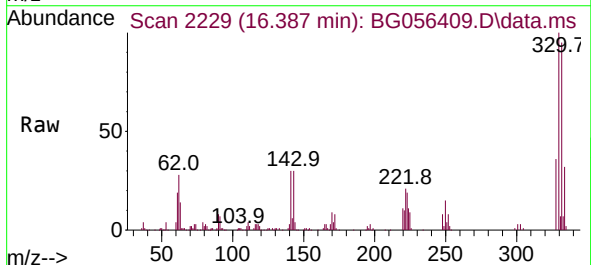
Instrument :
BNA_G
ClientSampleId :
TP-26

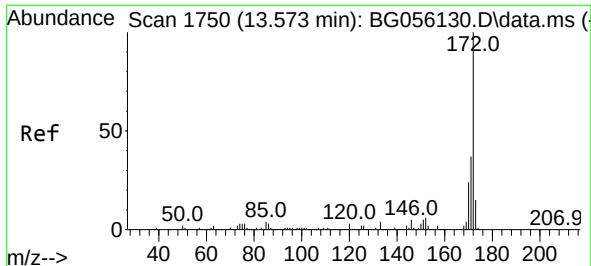
Tgt Ion:164 Resp: 110214
Ion Ratio Lower Upper
164 100
162 102.5 84.7 127.1
160 42.7 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 113.091 ng
RT: 16.387 min Scan# 2229
Delta R.T. -0.009 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

Tgt Ion:330 Resp: 157857
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.4 27.9 41.9

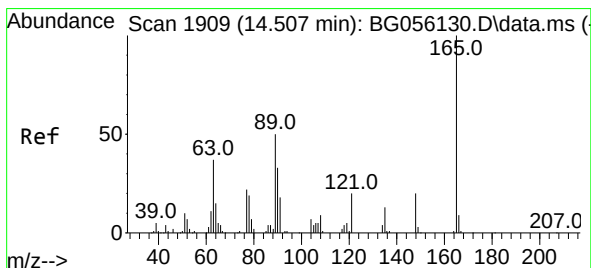
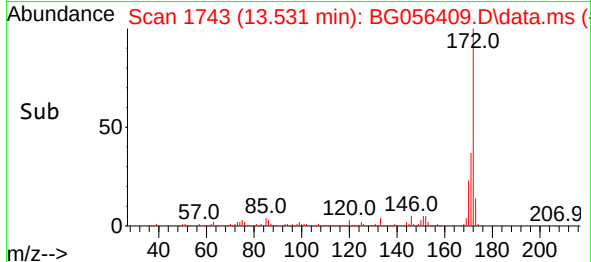
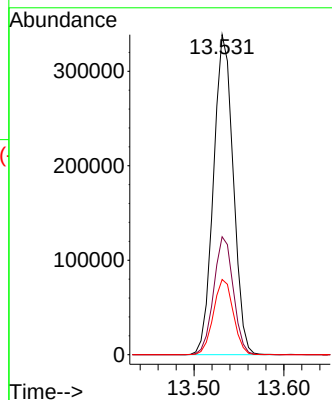
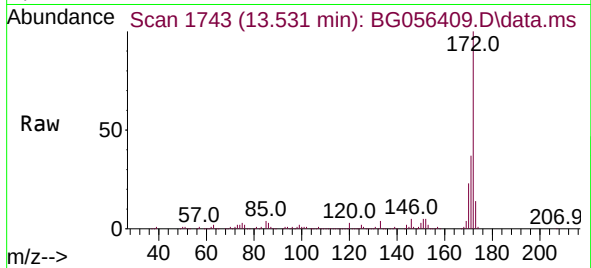




#45
2-Fluorobiphenyl
Concen: 64.837 ng
RT: 13.531 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

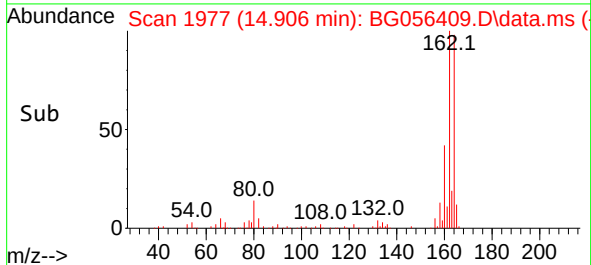
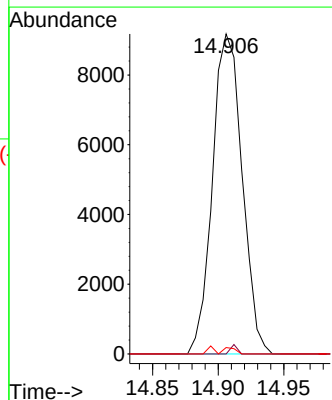
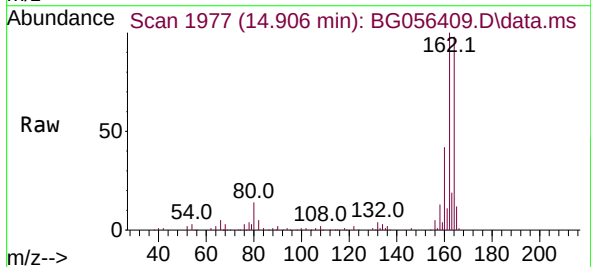
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BNA_G
ClientSampleId :
TP-26

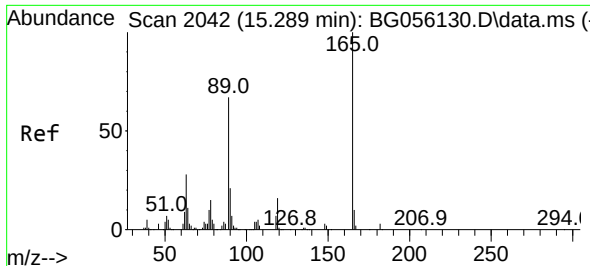
Tgt Ion:172 Resp: 517485
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 23.5 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.606 ng
RT: 14.906 min Scan# 1977
Delta R.T. 0.426 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

Tgt Ion:165 Resp: 14420
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.0 39.8 59.8#

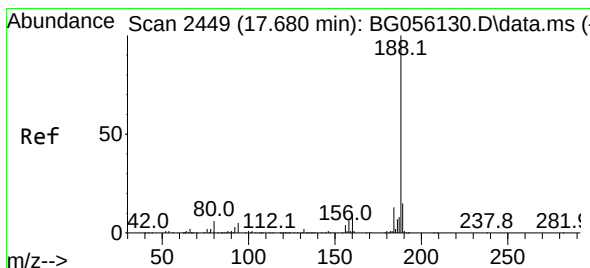
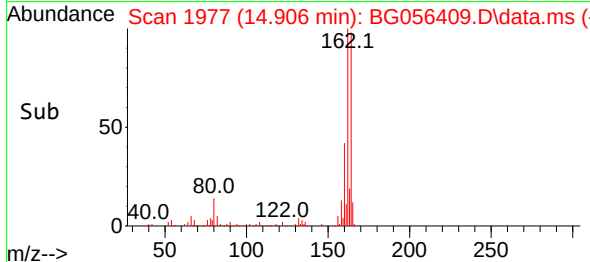
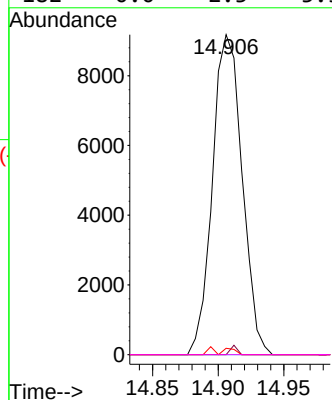
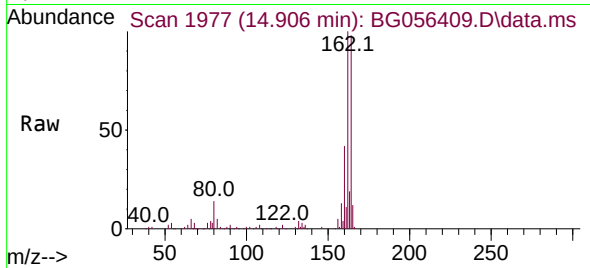




#57
2,4-Dinitrotoluene
Concen: 5.439 ng
RT: 14.906 min Scan# 14
Delta R.T. -0.361 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

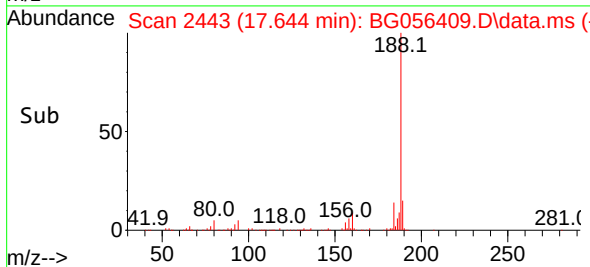
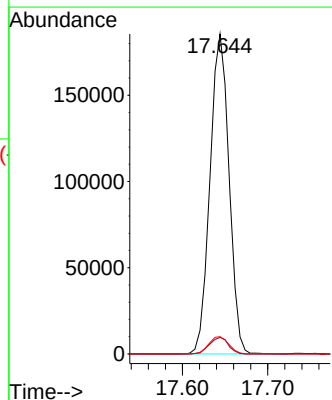
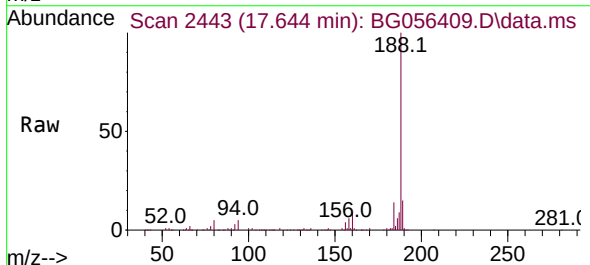
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BNA_G
ClientSampleId :
TP-26

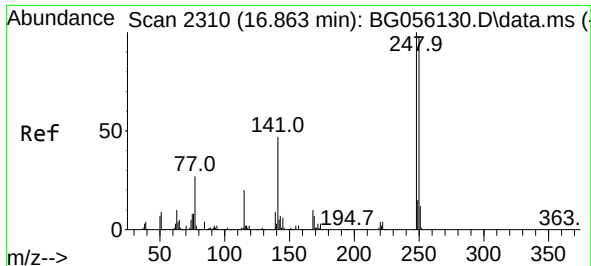
Tgt Ion:165 Resp: 14420
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 2.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.644 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

Tgt Ion:188 Resp: 287158
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.4 5.0 7.4

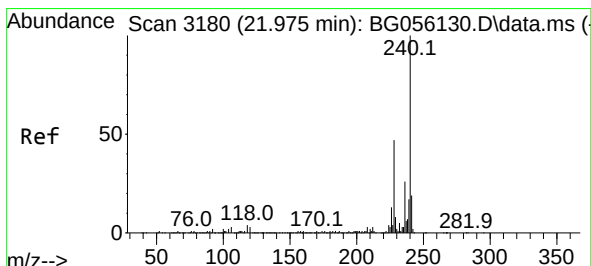
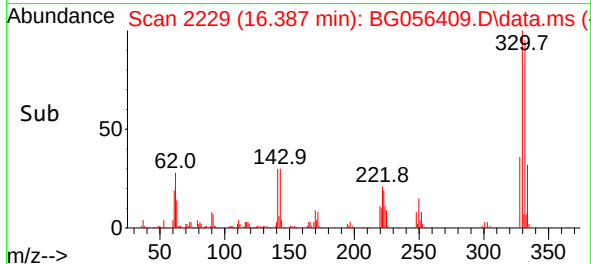
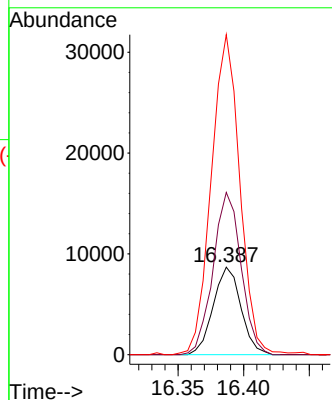
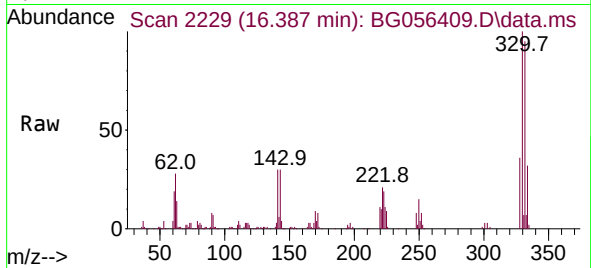




#67
4-Bromophenyl-phenylether
Concen: 3.491 ng
RT: 16.387 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

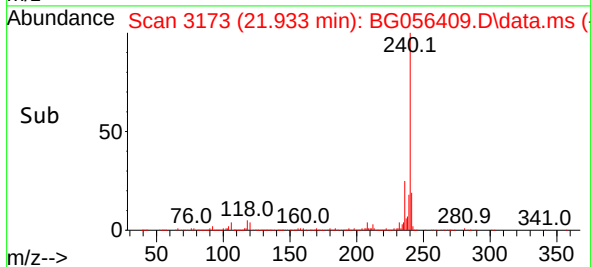
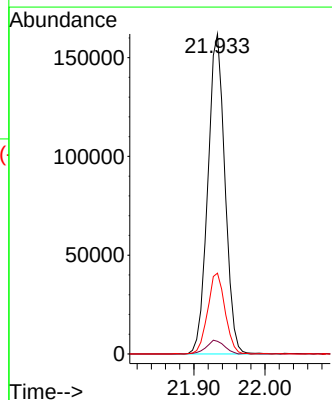
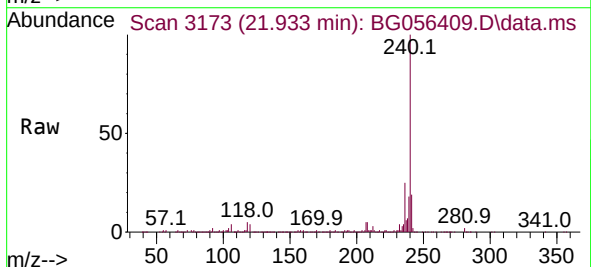
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BNA_G
ClientSampleId :
TP-26

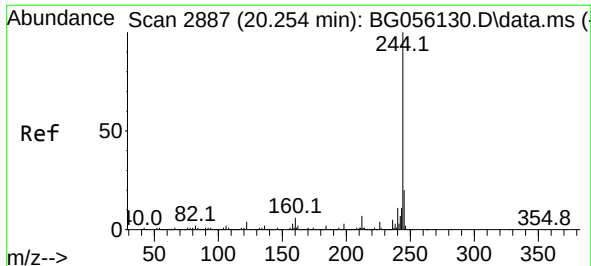
Tgt Ion:248 Resp: 12767
Ion Ratio Lower Upper
248 100
250 185.2 78.2 117.4#
141 365.3 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG056409.D
Acq: 24 Jan 2023 19:10

Tgt Ion:240 Resp: 270096
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 25.2 20.8 31.2

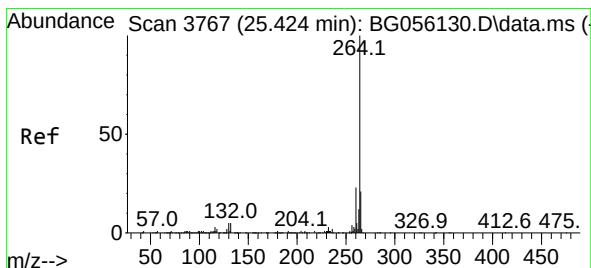
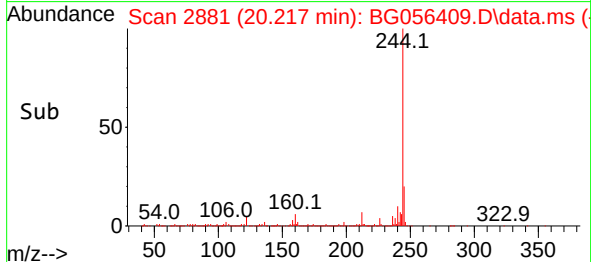
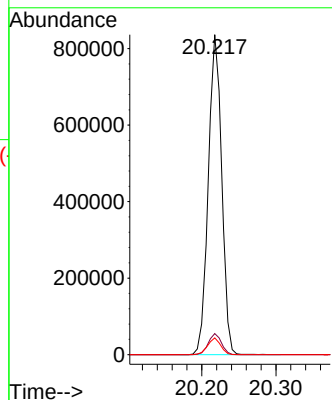
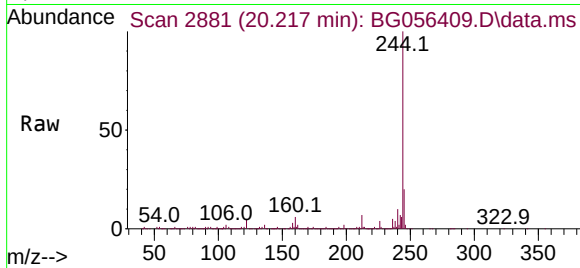




#79
 Terphenyl-d14
 Concen: 69.584 ng
 RT: 20.217 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG056409.D
 Acq: 24 Jan 2023 19:10

Instrument :
 BNA_G
 ClientSampleId :
 TP-26

Tgt Ion:244 Resp: 1049344
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.359 min Scan# 3756
 Delta R.T. -0.015 min
 Lab File: BG056409.D
 Acq: 24 Jan 2023 19:10

Tgt Ion:264 Resp: 295316
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.8 16.7 25.1

