

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058706.D
 Acq On : 11 Aug 2023 17:21
 Operator : MA/JU
 Sample : 03971-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP08B

Quant Time: Aug 11 23:01:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

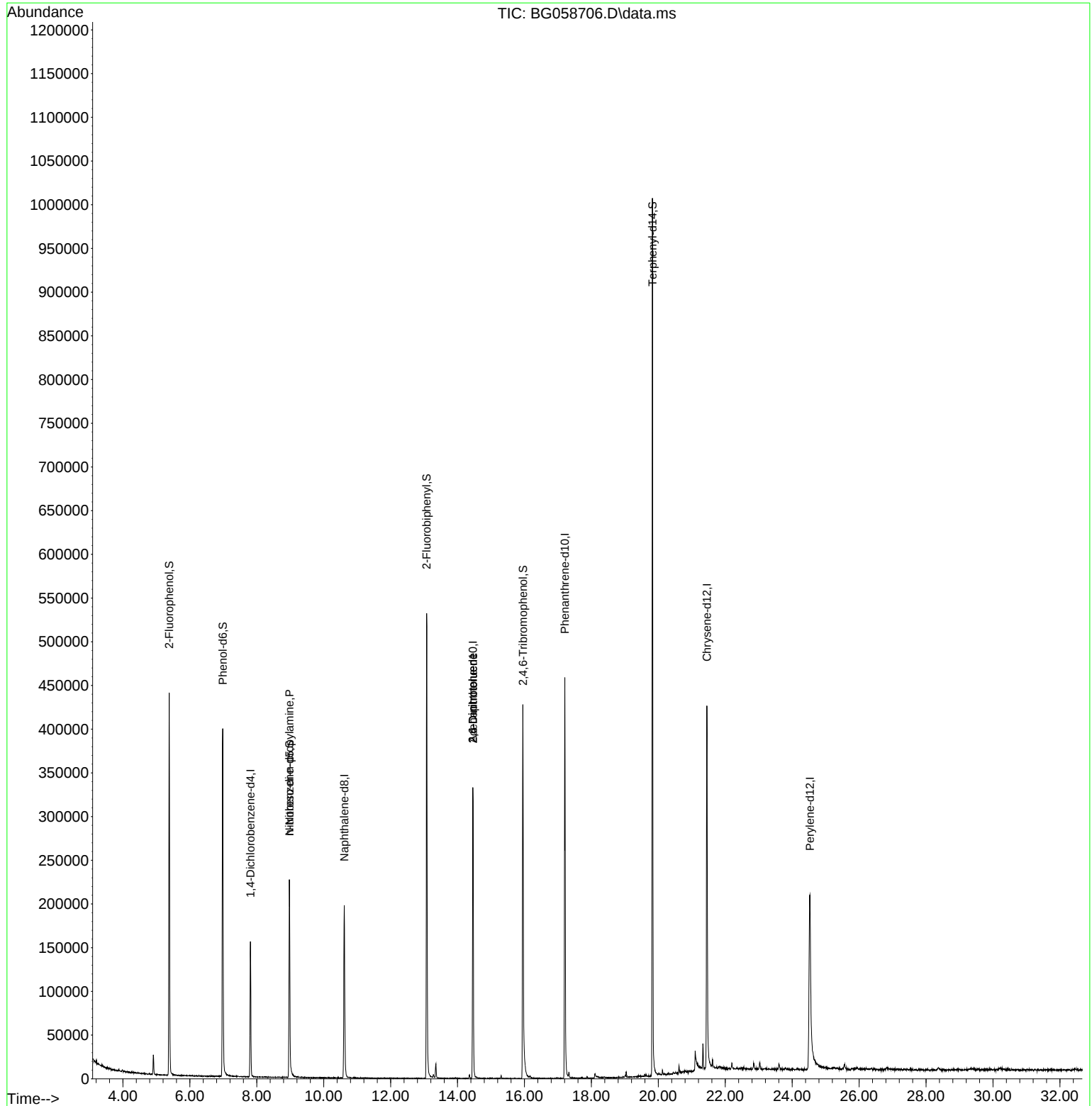
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	44181	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	187166	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	130812	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	331607	20.000	ng	0.00
76) Chrysene-d12	21.448	240	300085	20.000	ng	0.00
86) Perylene-d12	24.527	264	336327	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	185069	64.025	ng	0.00
7) Phenol-d6	6.983	99	256817	63.850	ng	0.00
23) Nitrobenzene-d5	8.975	82	157027	41.215	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	118359	55.202	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	326073	37.355	ng	0.00
79) Terphenyl-d14	19.821	244	584328	36.618	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	19475	7.496	ng	Qvalue # 80
51) 2,6-Dinitrotoluene	14.457	165	17504	8.120	ng	# 22
57) 2,4-Dinitrotoluene	14.457	165	17504	5.857	ng	# 23

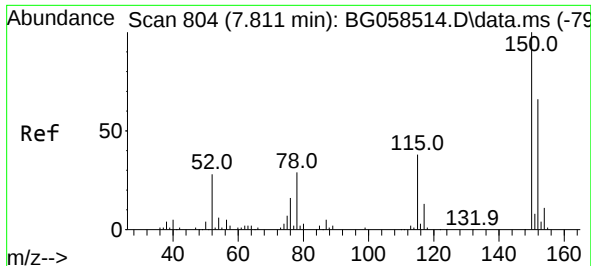
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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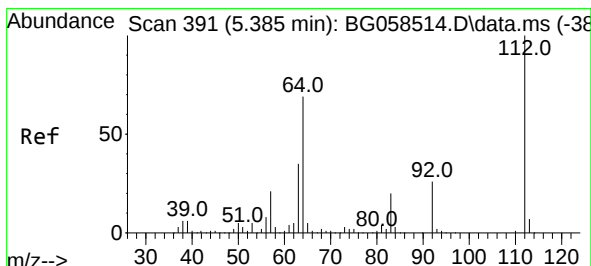
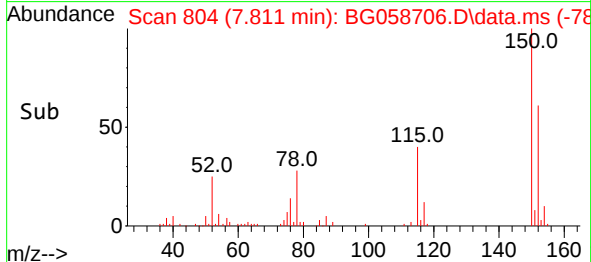
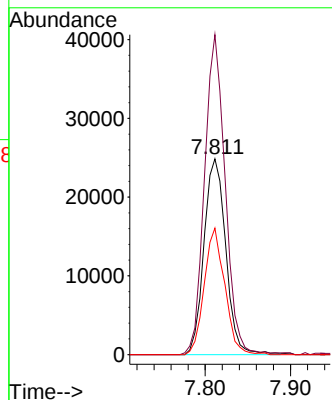
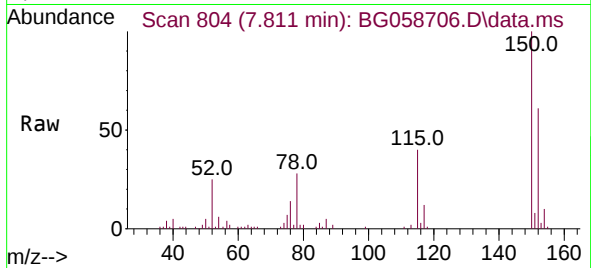




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

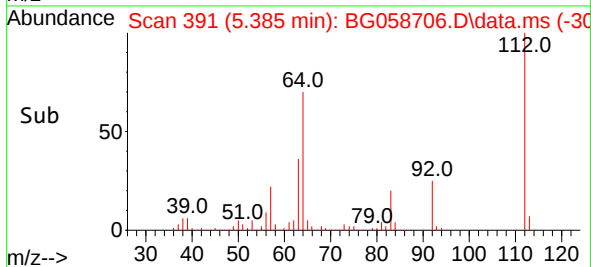
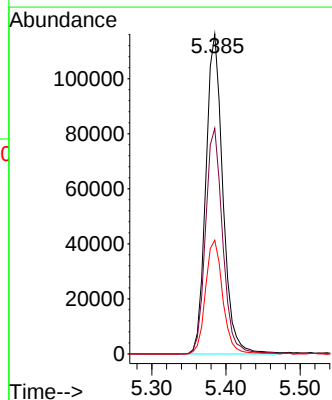
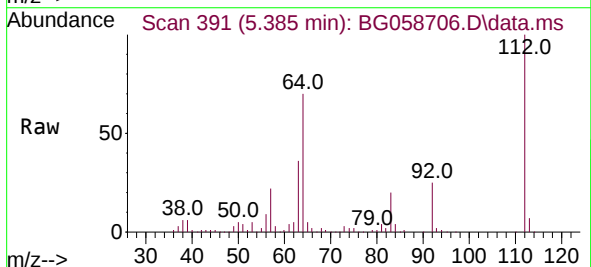
Instrument :
BNA_G
ClientSampleId :
B-PP08B

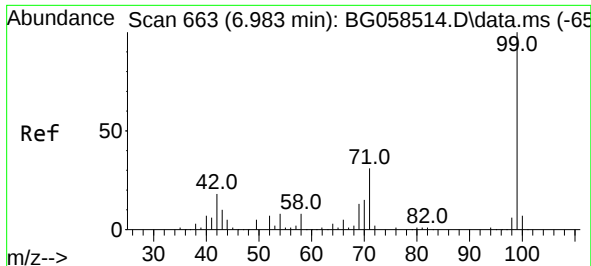
Tgt Ion:152 Resp: 44181
Ion Ratio Lower Upper
152 100
150 163.4 120.5 180.7
115 64.6 45.9 68.9



#5
2-Fluorophenol
Concen: 64.025 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

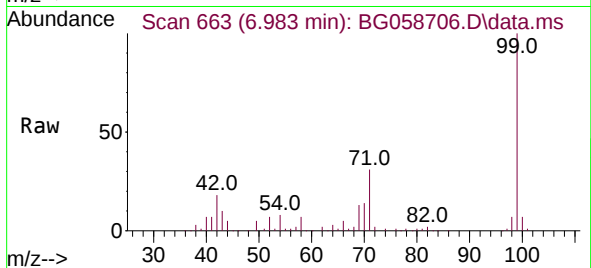
Tgt Ion:112 Resp: 185069
Ion Ratio Lower Upper
112 100
64 70.5 55.3 82.9
63 35.5 28.3 42.5



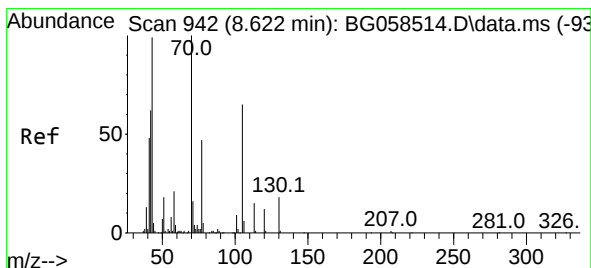
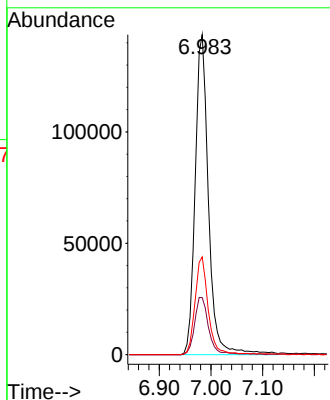
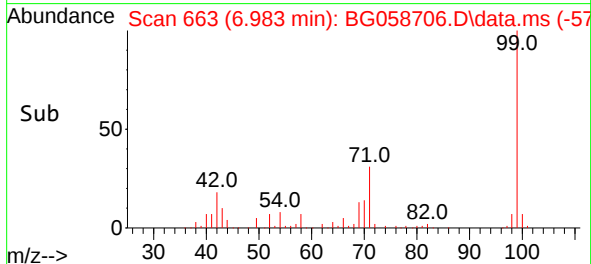


#7
Phenol-d6
Concen: 63.850 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

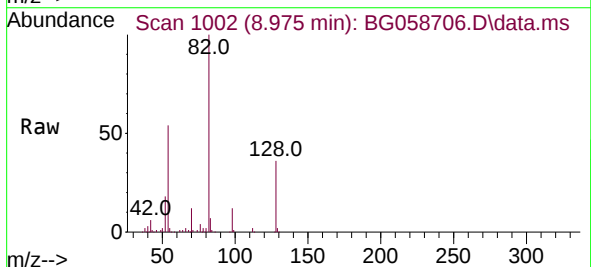
Instrument :
BNA_G
ClientSampleId :
B-PP08B



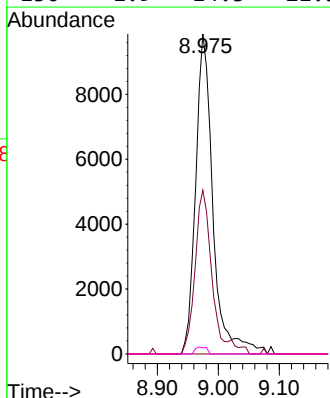
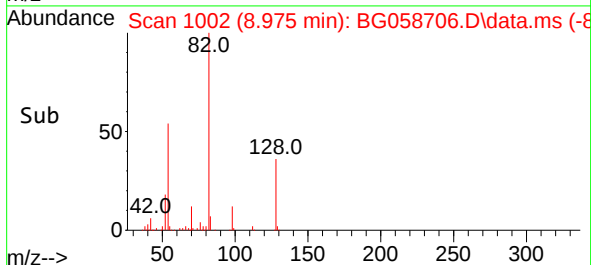
Tgt Ion: 99 Resp: 256817
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 30.5 25.0 37.4

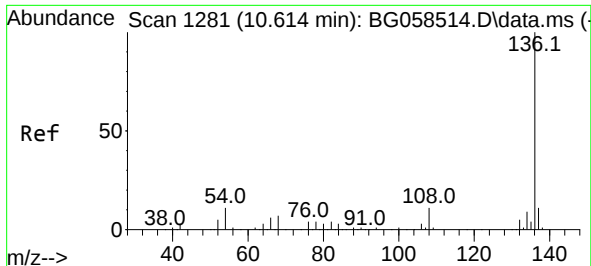


#19
n-Nitroso-di-n-propylamine
Concen: 7.496 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21



Tgt Ion: 70 Resp: 19475
Ion Ratio Lower Upper
70 100
42 51.2 49.7 74.5
101 0.0 7.0 10.4#
130 1.9 14.3 21.5#

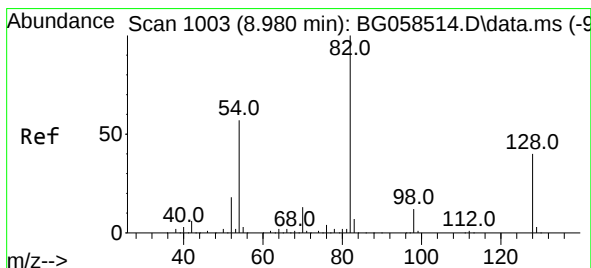
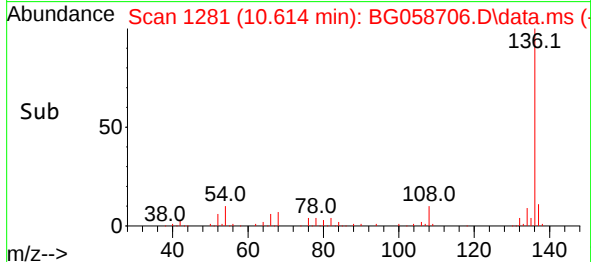
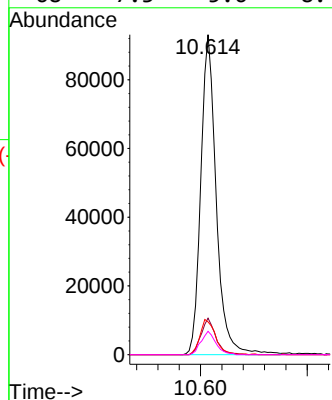
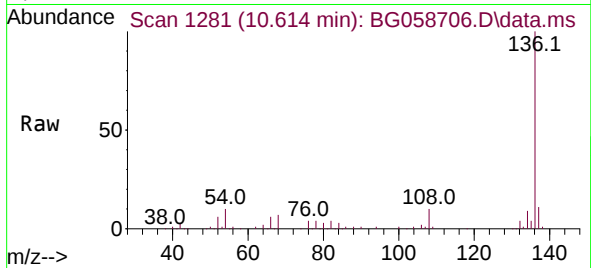




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

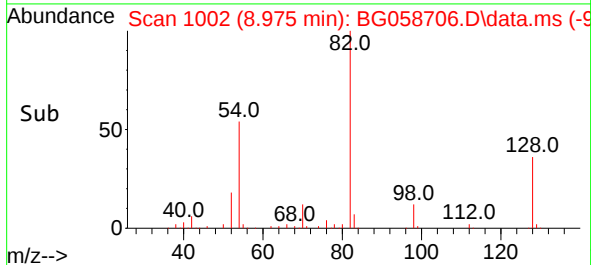
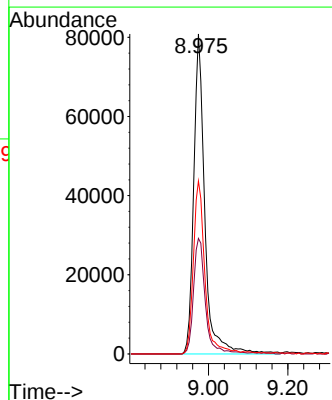
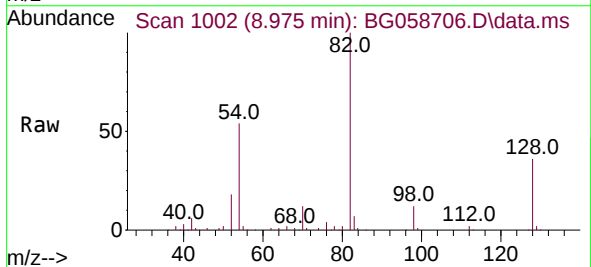
Instrument :
BNA_G
ClientSampleId :
B-PP08B

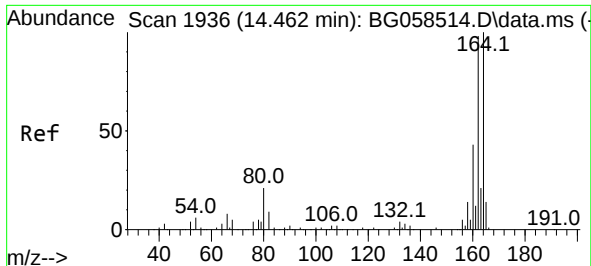
Tgt Ion:	136	Resp:	187166
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	10.3	8.9	13.3
68	7.3	5.6	8.4



#23
Nitrobenzene-d5
Concen: 41.215 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

Tgt Ion:	82	Resp:	157027
Ion Ratio	Lower	Upper	
82	100		
128	36.1	32.2	48.2
54	54.0	46.0	69.0

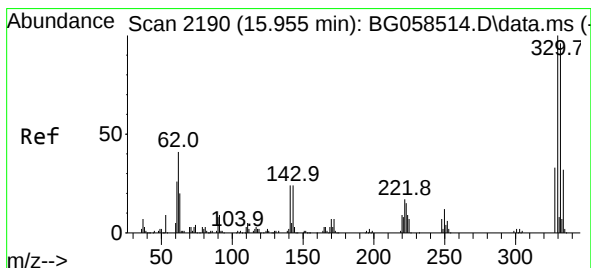
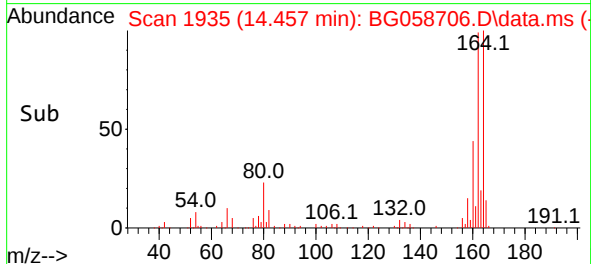
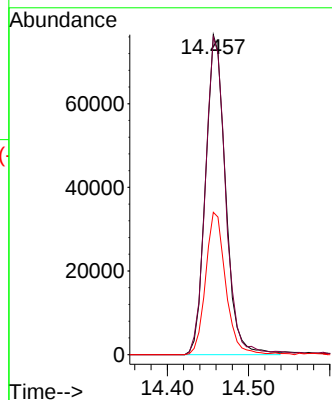
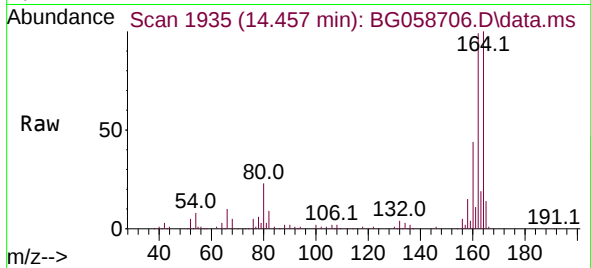




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

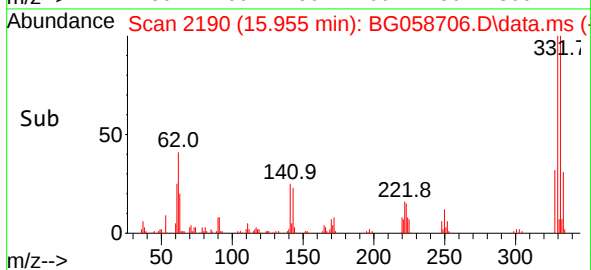
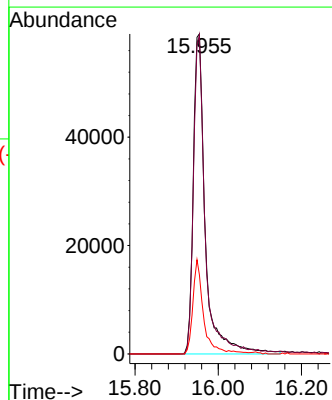
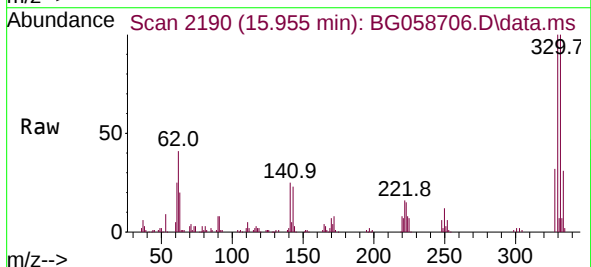
Instrument :
BNA_G
ClientSampleId :
B-PP08B

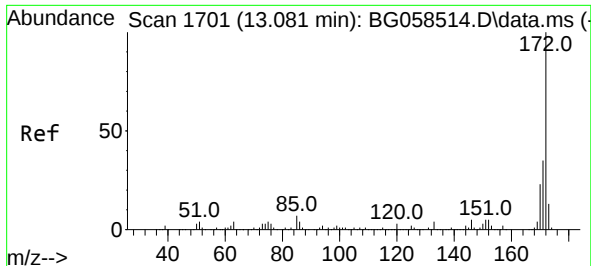
Tgt Ion:164 Resp: 130812
Ion Ratio Lower Upper
164 100
162 99.3 78.3 117.5
160 44.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 55.202 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

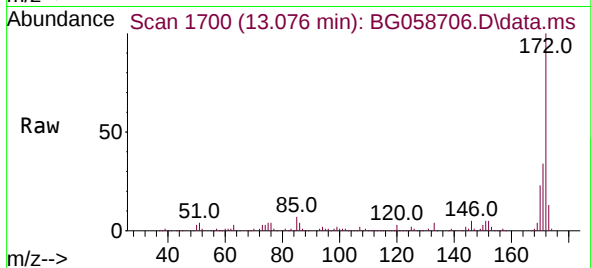
Tgt Ion:330 Resp: 118359
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 25.3 20.7 31.1



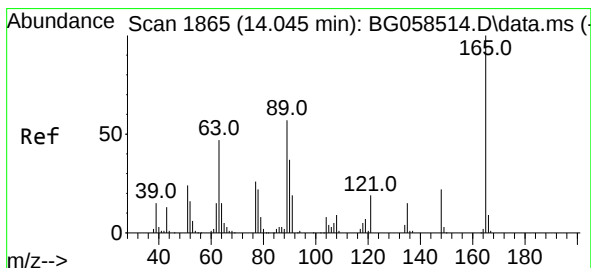
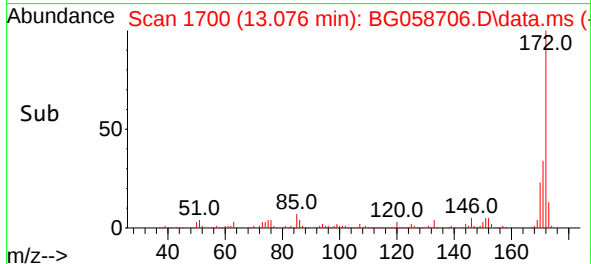
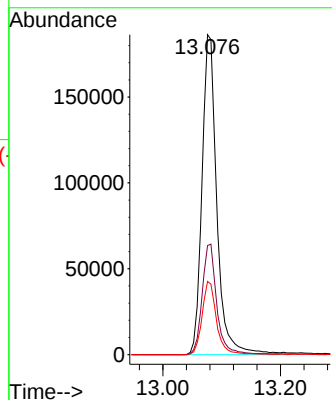


#45
2-Fluorobiphenyl
Concen: 37.355 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

Instrument :
BNA_G
ClientSampleId :
B-PP08B

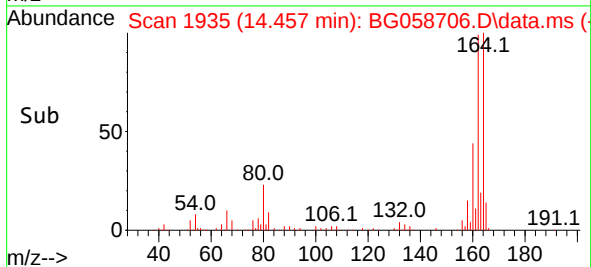
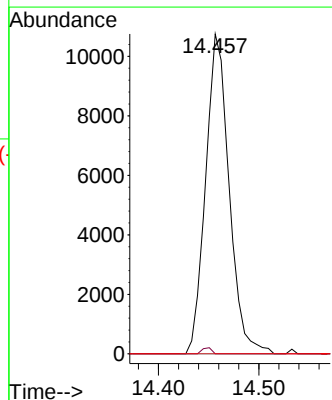
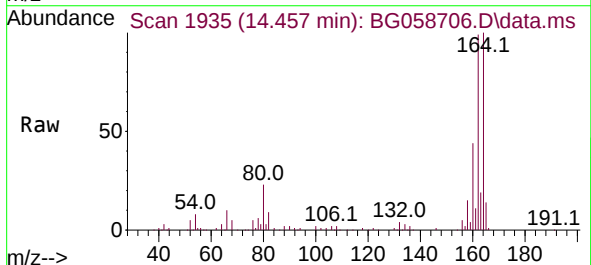


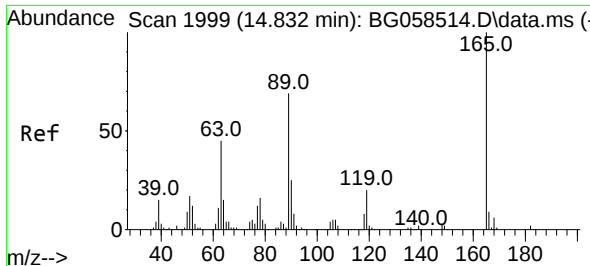
Tgt Ion:172 Resp: 326073
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 22.9 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.120 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

Tgt Ion:165 Resp: 17504
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#

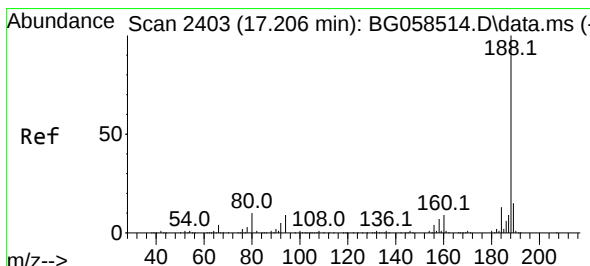
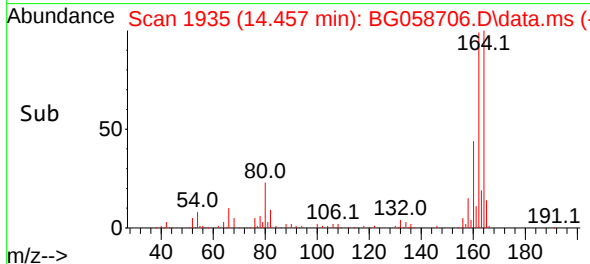
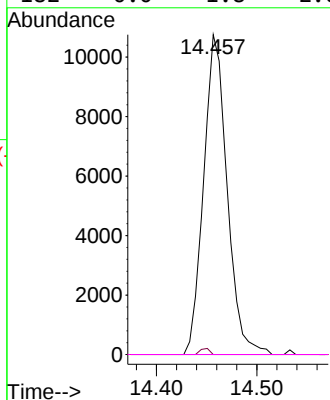
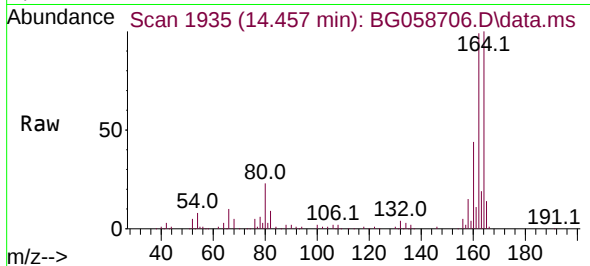




#57
2,4-Dinitrotoluene
Concen: 5.857 ng
RT: 14.457 min Scan# 1999
Delta R.T. -0.375 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

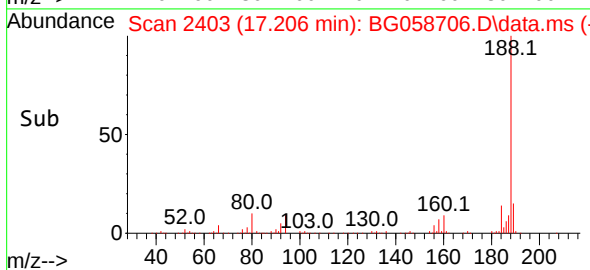
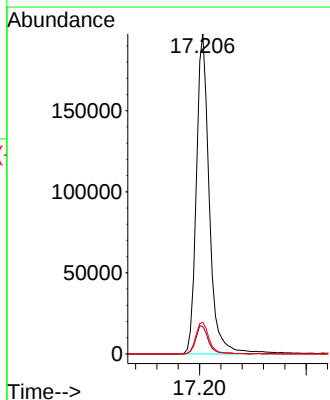
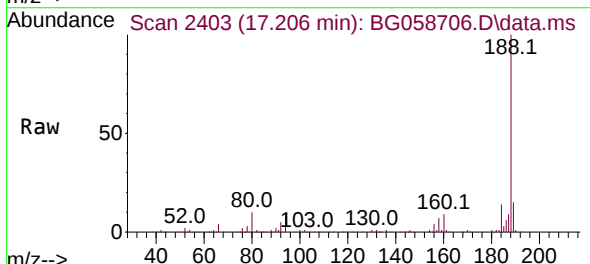
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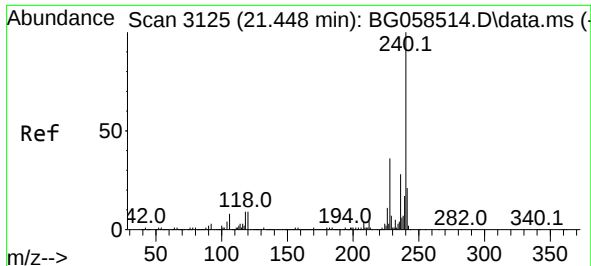
Tgt Ion:165 Resp: 17504
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

Tgt Ion:188 Resp: 331607
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.8 8.1 12.1

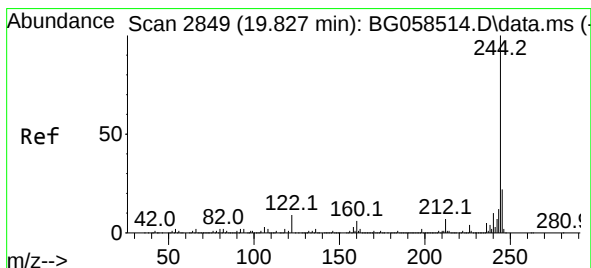
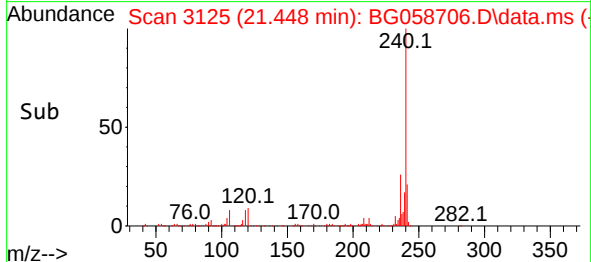
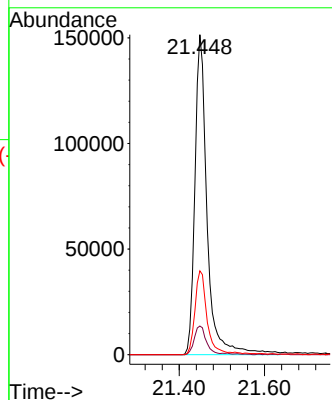
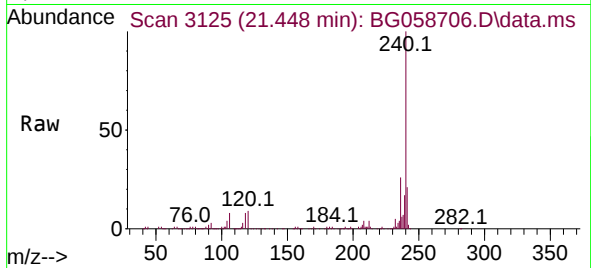




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

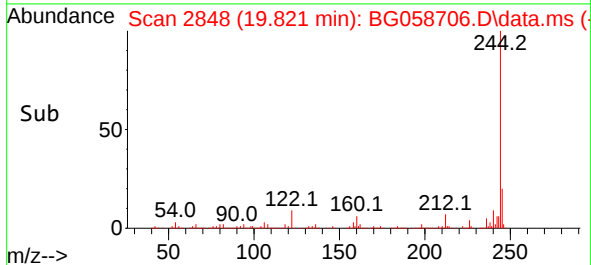
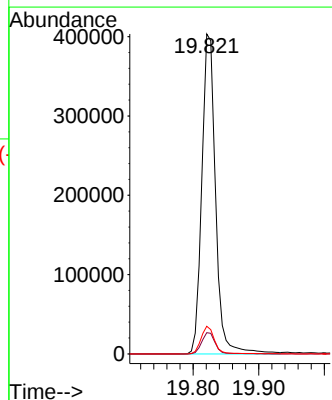
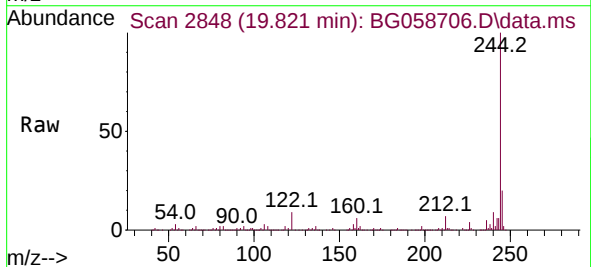
Instrument :
BNA_G
ClientSampleId :
B-PP08B

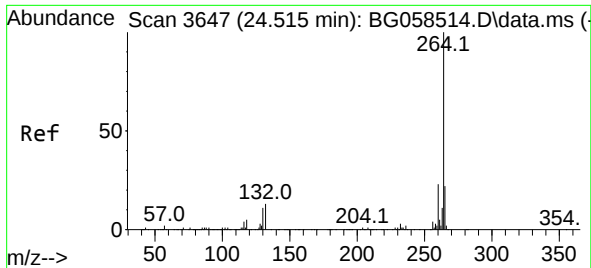
Tgt Ion:240 Resp: 300085
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 26.2 22.2 33.4



#79
Terphenyl-d14
Concen: 36.618 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

Tgt Ion:244 Resp: 584328
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.6 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.527 min Scan# 30
Delta R.T. 0.012 min
Lab File: BG058706.D
Acq: 11 Aug 2023 17:21

Instrument :
BNA_G
ClientSampleId :
B-PP08B

Tgt Ion:264 Resp: 336327
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 20.4 17.9 26.9

