

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049827.D
 Acq On : 12 Aug 2021 21:20
 Operator : CG/JU
 Sample : M3341-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 228-344

Quant Time: Aug 13 02:15:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

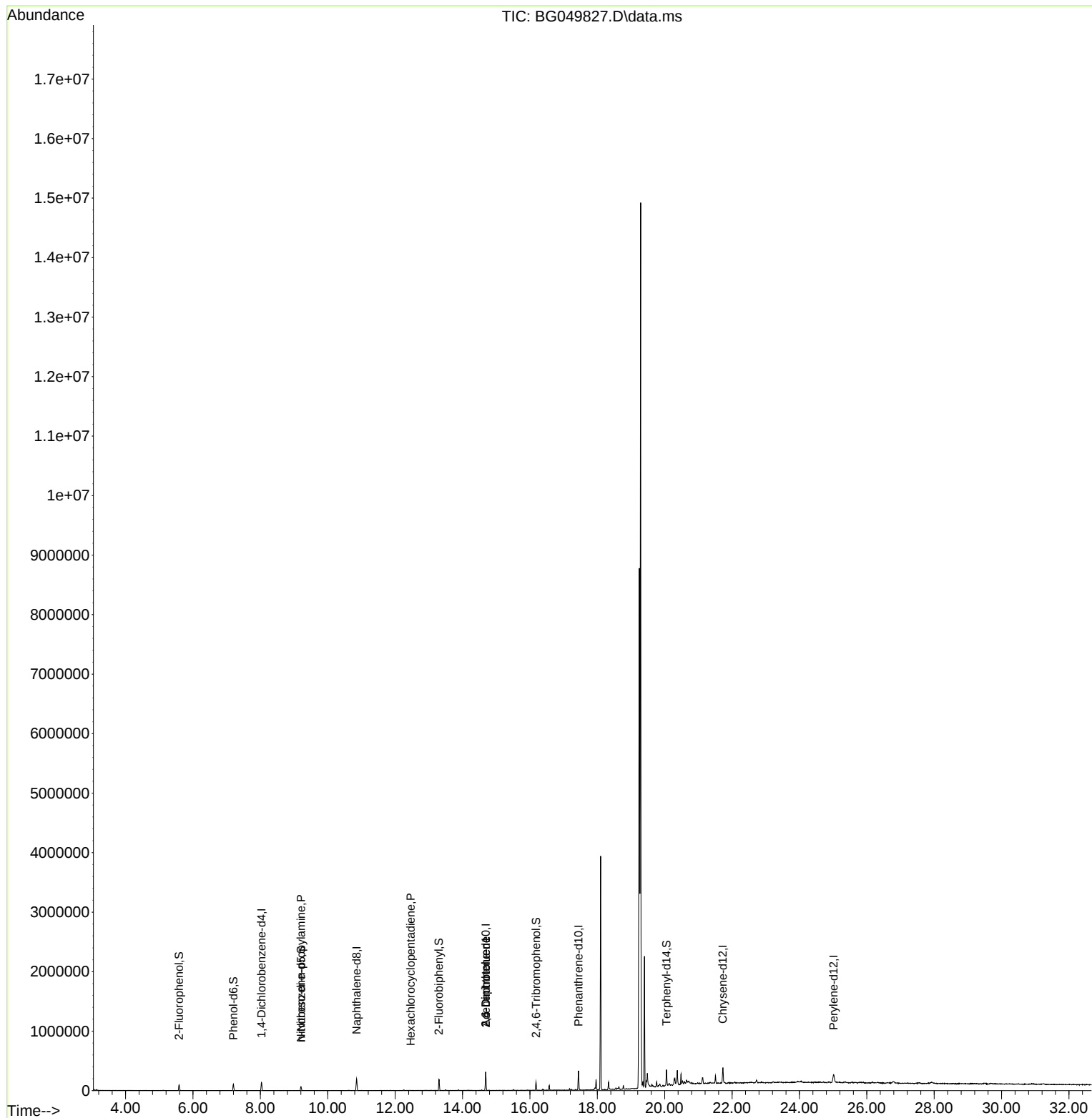
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	38408	20.00	ng	0.00
21) Naphthalene-d8	10.857	136	167619	20.00	ng	0.00
39) Acenaphthene-d10	14.687	164	108413	20.00	ng	0.00
64) Phenanthrene-d10	17.442	188	203798	20.00	ng	# 0.00
76) Chrysene-d12	21.725	240	165396	20.00	ng	0.00
86) Perylene-d12	25.015	264	163646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	41110	19.19	ng	0.00
7) Phenol-d6	7.197	99	59003	18.19	ng	0.00
23) Nitrobenzene-d5	9.206	82	42247	11.15	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	27066	16.98	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	95843	12.86	ng	-0.01
79) Terphenyl-d14	20.051	244	118404	13.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.206	70	6029	2.78	ng	# 61
41) Hexachlorocyclopentadiene	12.461	237	69	3.58	ng	# 31
51) 2,6-Dinitrotoluene	14.687	165	14145	7.85	ng	# 10
57) 2,4-Dinitrotoluene	14.687	165	14145	5.59	ng	# 15

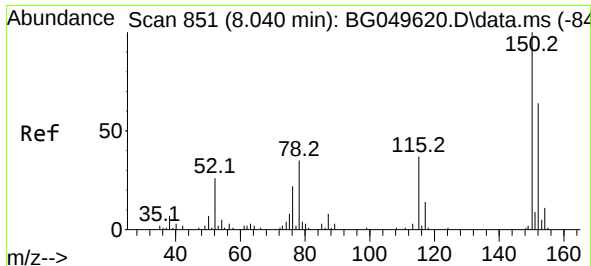
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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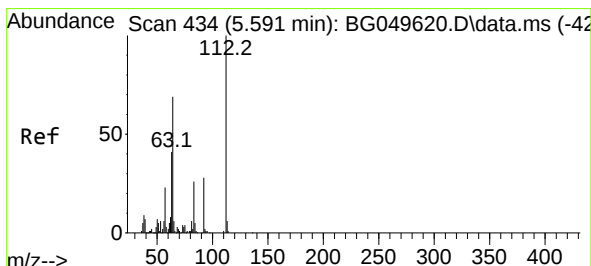
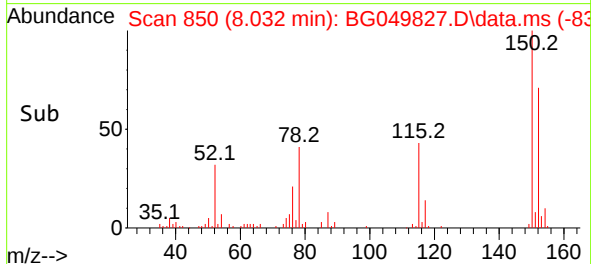
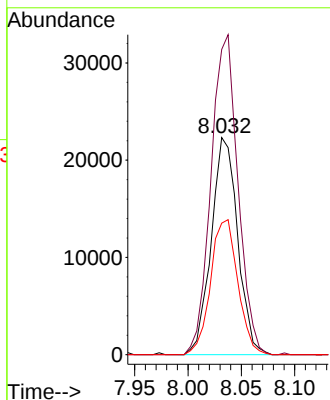
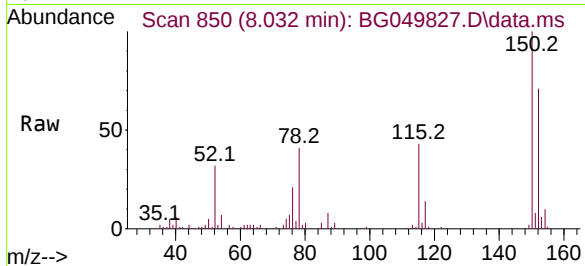




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.032 min Scan# 850
Delta R.T. -0.008 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

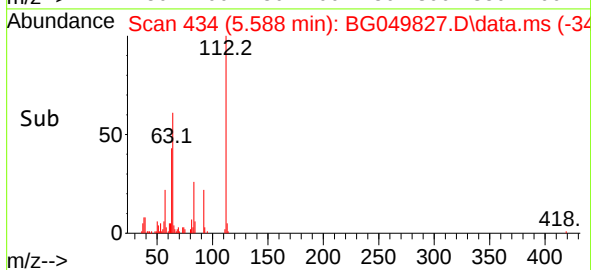
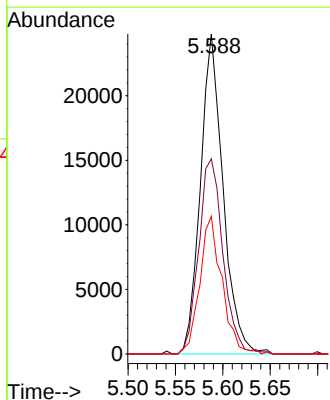
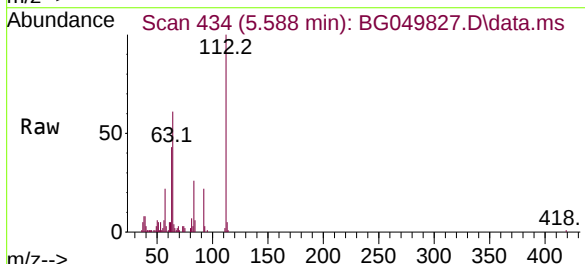
Instrument :
BNA_G
ClientSampleId :
228-344

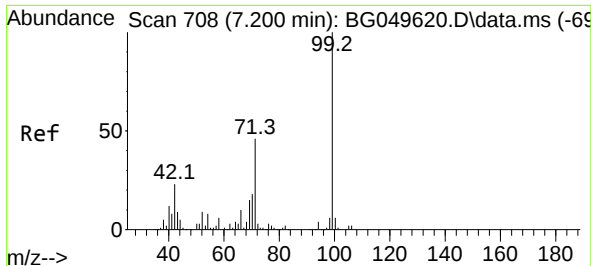
Tgt Ion:152 Resp: 38408
Ion Ratio Lower Upper
152 100
150 140.6 119.4 179.0
115 60.6 60.2 90.4



#5
2-Fluorophenol
Concen: 19.19 ng
RT: 5.588 min Scan# 434
Delta R.T. -0.003 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

Tgt Ion:112 Resp: 41110
Ion Ratio Lower Upper
112 100
64 61.0 46.7 70.1
63 43.1 35.3 52.9

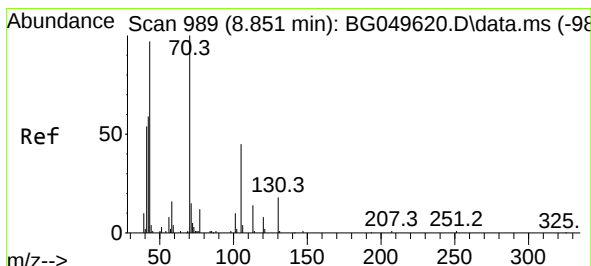
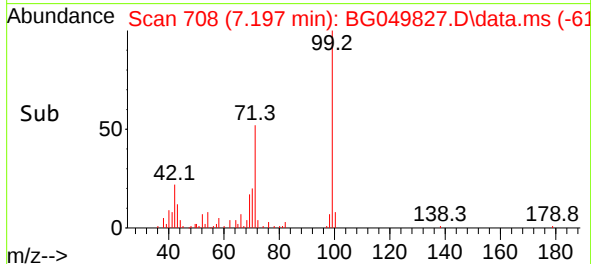
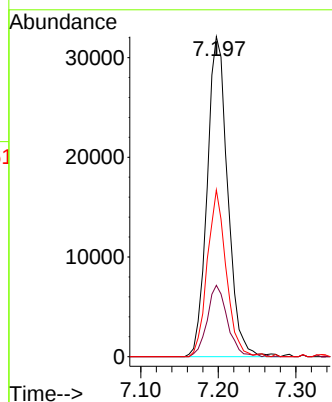
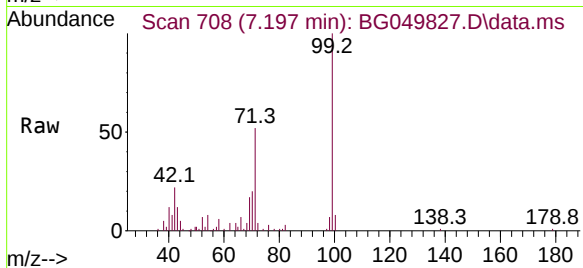




#7
Phenol-d6
Concen: 18.19 ng
RT: 7.197 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

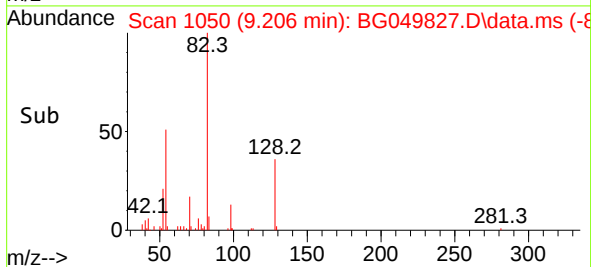
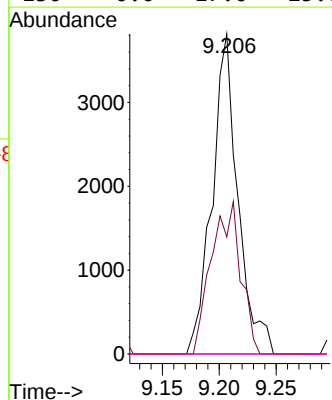
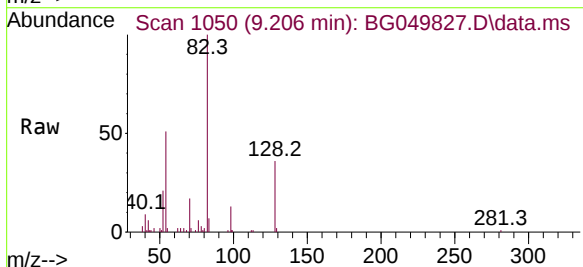
Instrument :
BNA_G
ClientSampleId :
228-344

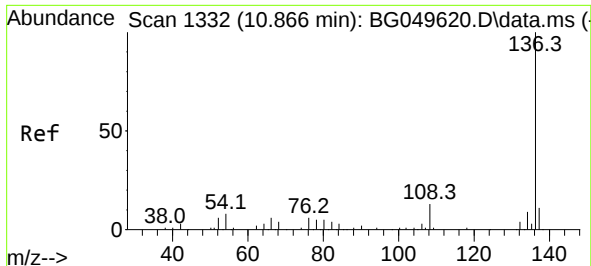
Tgt Ion: 99 Resp: 59003
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 52.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.78 ng
RT: 9.206 min Scan# 1050
Delta R.T. 0.356 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

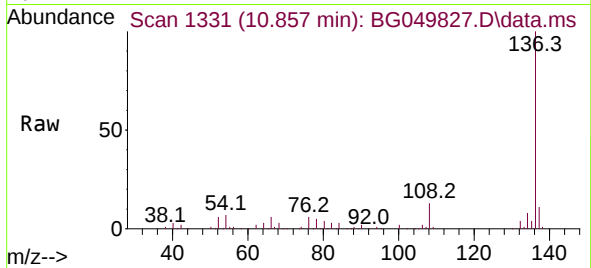
Tgt Ion: 70 Resp: 6029
Ion Ratio Lower Upper
70 100
42 36.6 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



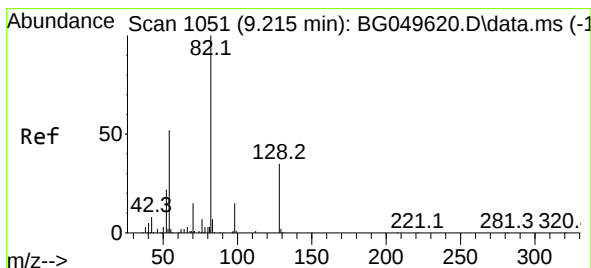
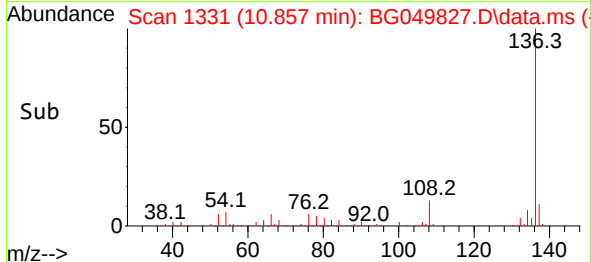
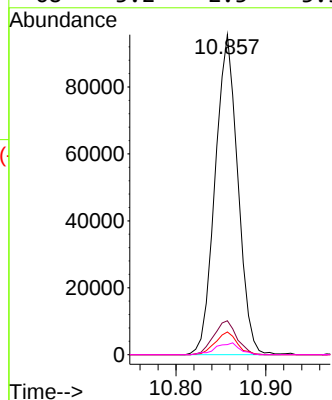


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.857 min Scan# 1331
Delta R.T. -0.009 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

Instrument :
BNA_G
ClientSampled :
228-344

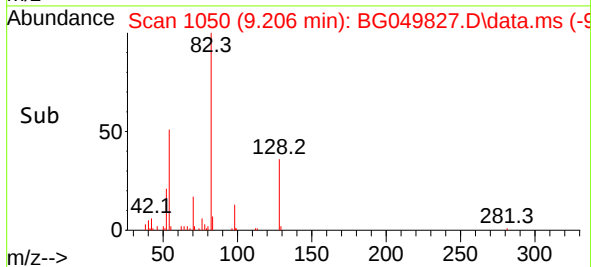
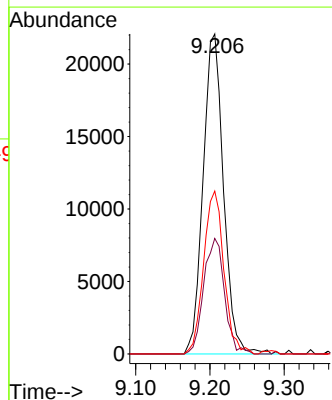
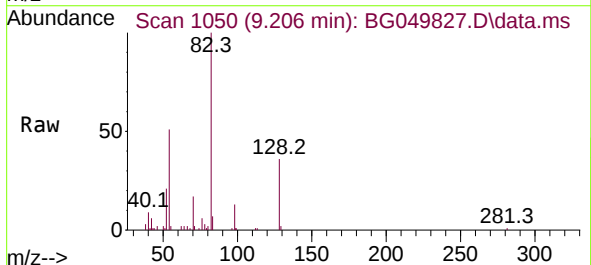


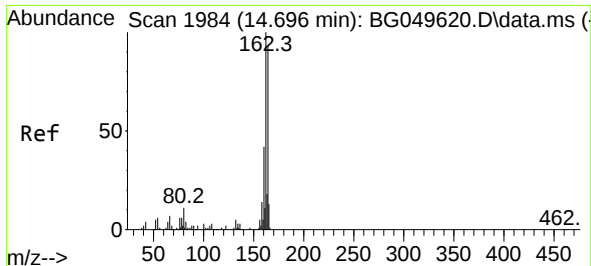
Tgt Ion:	136	Resp:	167619
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.2
54	7.1	5.5	8.3
68	3.2	2.3	3.5



#23
Nitrobenzene-d5
Concen: 11.15 ng
RT: 9.206 min Scan# 1050
Delta R.T. -0.009 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

Tgt Ion:	82	Resp:	42247
Ion Ratio	Lower	Upper	
82	100		
128	36.1	29.8	44.6
54	50.9	45.8	68.8

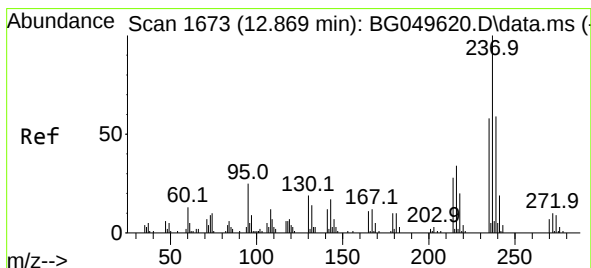
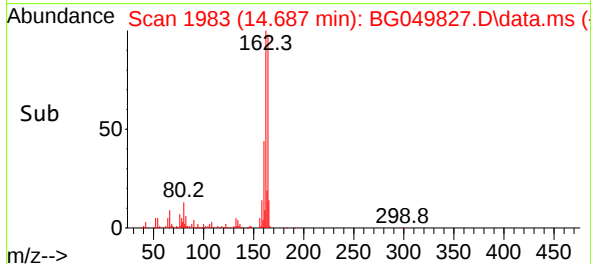
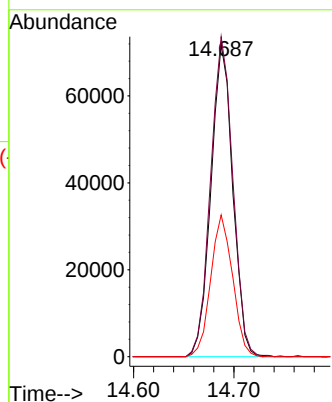
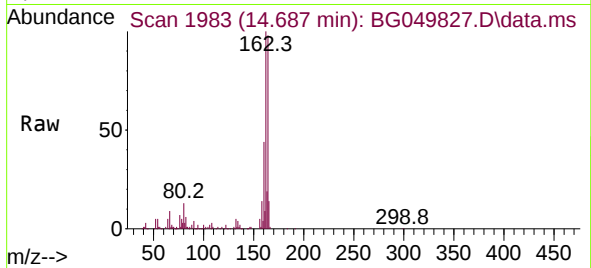




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

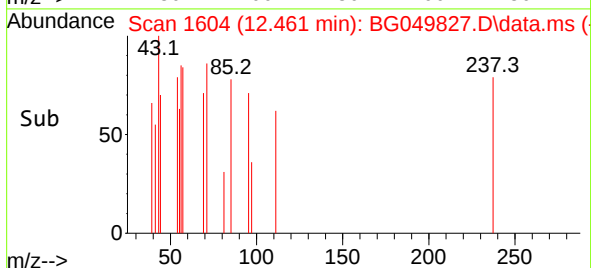
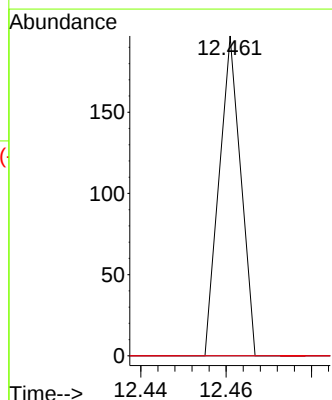
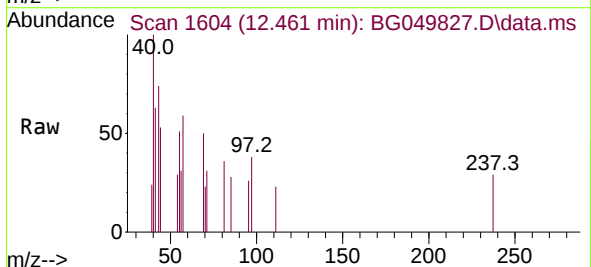
Instrument :
BNA_G
ClientSampleId :
228-344

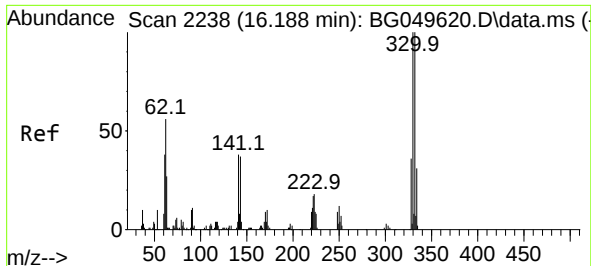
Tgt Ion:164 Resp: 108413
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 45.4 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 3.58 ng
RT: 12.461 min Scan# 1604
Delta R.T. -0.408 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

Tgt Ion:237 Resp: 69
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

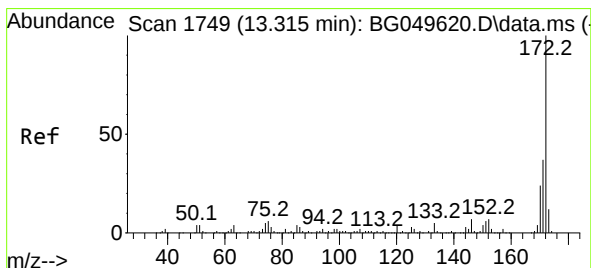
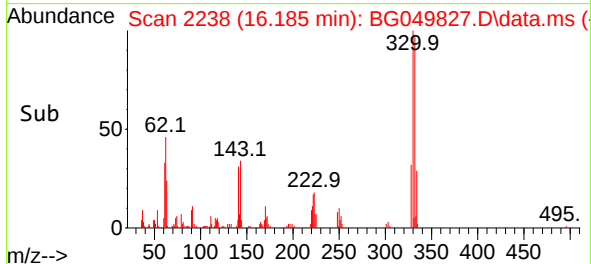
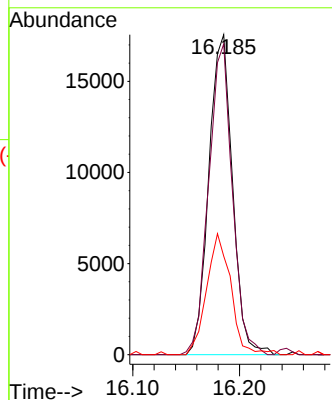
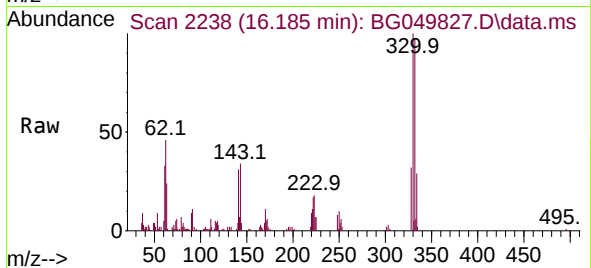




#42
2,4,6-Tribromophenol
Concen: 16.98 ng
RT: 16.185 min Scan# 2238
Delta R.T. -0.003 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

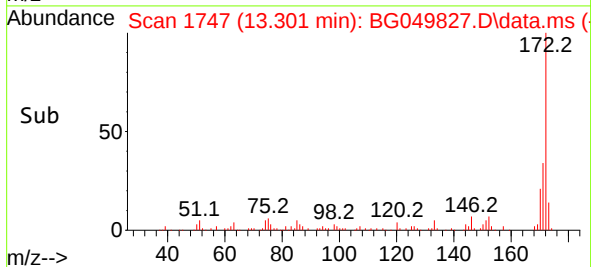
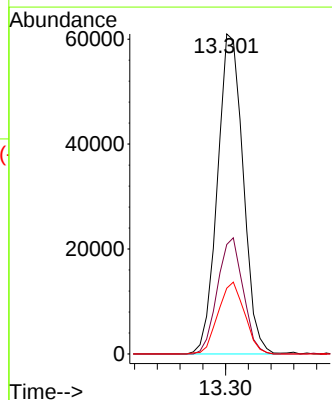
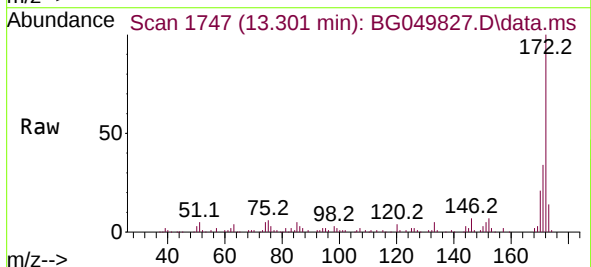
Instrument :
BNA_G
ClientSampleId :
228-344

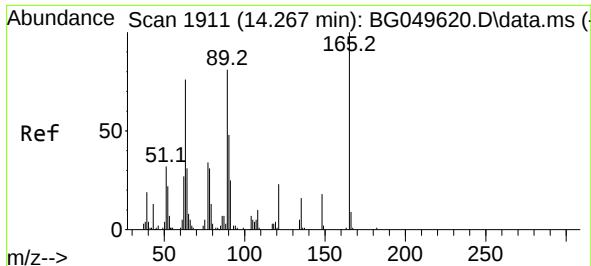
Tgt Ion:330 Resp: 27066
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 38.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 12.86 ng
RT: 13.301 min Scan# 1747
Delta R.T. -0.014 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

Tgt Ion:172 Resp: 95843
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 20.6 18.6 27.8

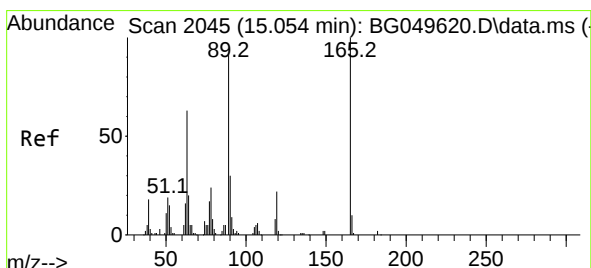
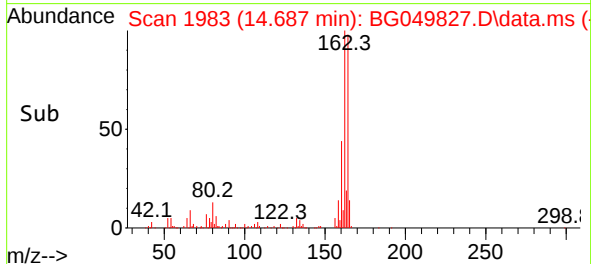
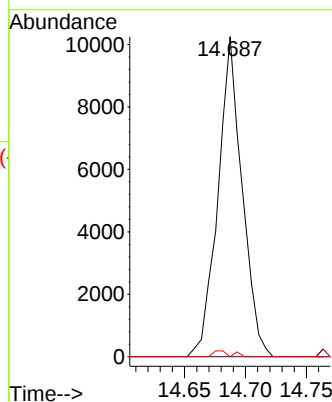
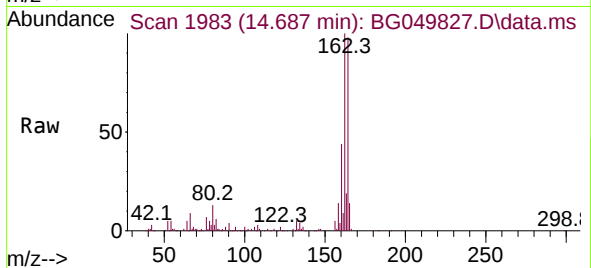




#51
2,6-Dinitrotoluene
Concen: 7.85 ng
RT: 14.687 min Scan# 1983
Delta R.T. 0.420 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

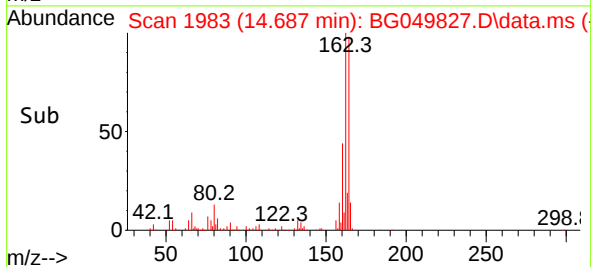
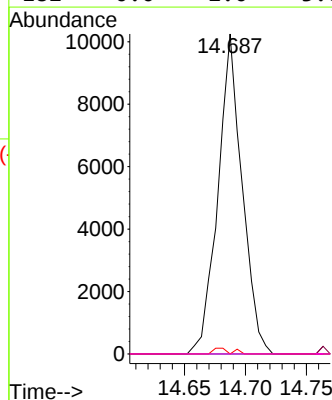
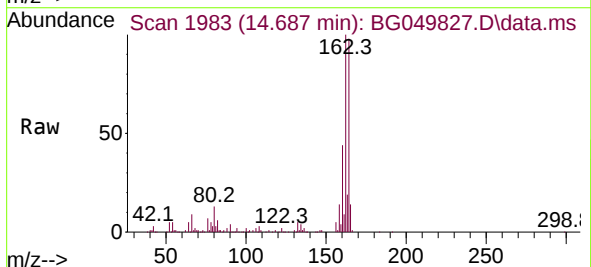
Instrument :
BNA_G
ClientSampleId :
228-344

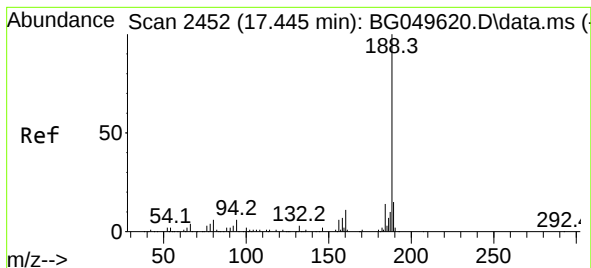
Tgt Ion:165 Resp: 14145
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.59 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.367 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

Tgt Ion:165 Resp: 14145
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

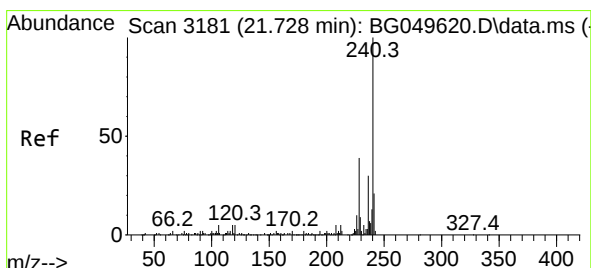
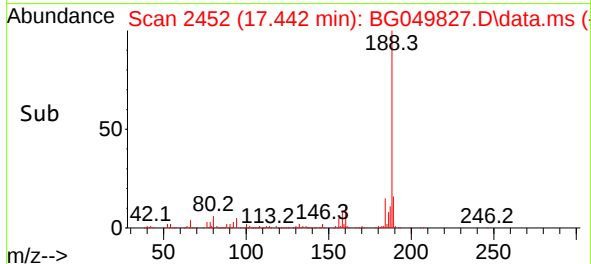
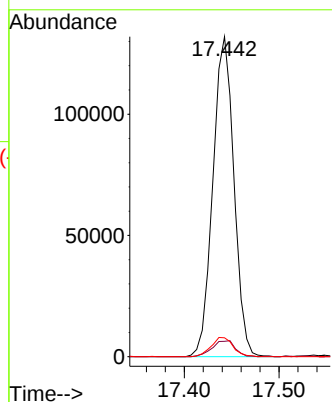
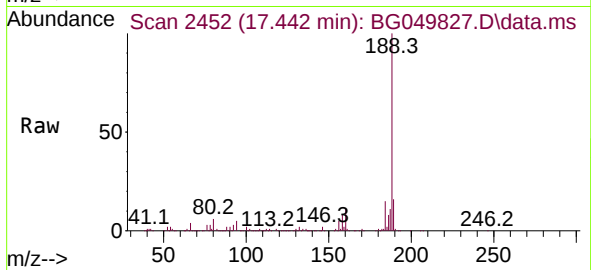




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.442 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

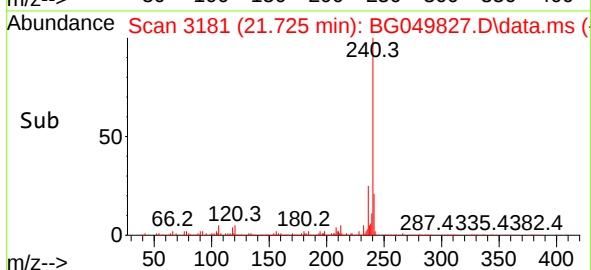
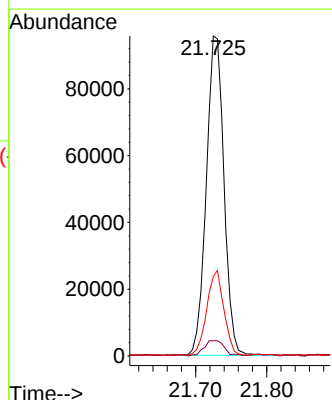
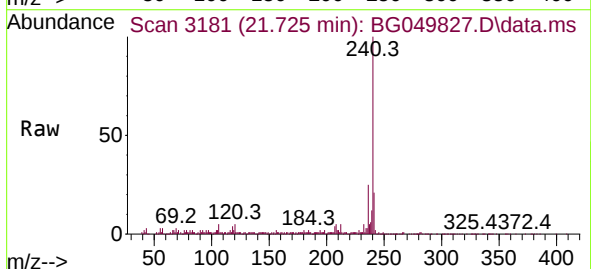
Instrument :
BNA_G
ClientSampled :
228-344

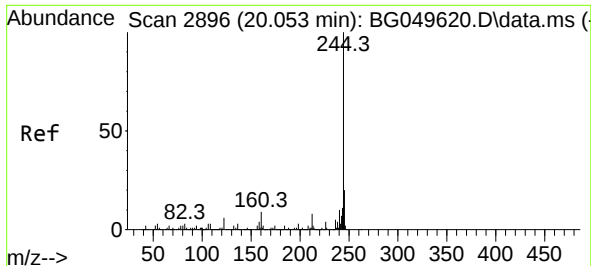
Tgt Ion:188 Resp: 203798
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 5.9 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.725 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG049827.D
Acq: 12 Aug 2021 21:20

Tgt Ion:240 Resp: 165396
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 24.9 21.8 32.6

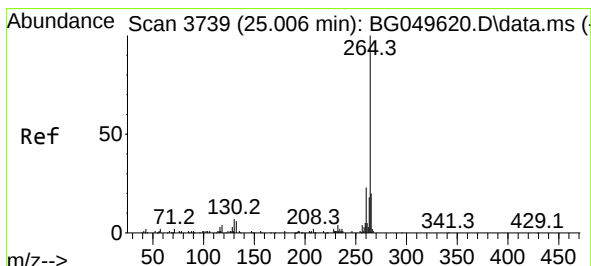
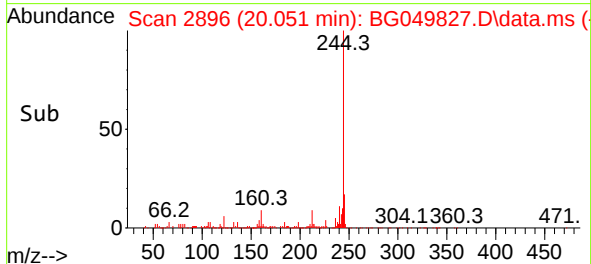
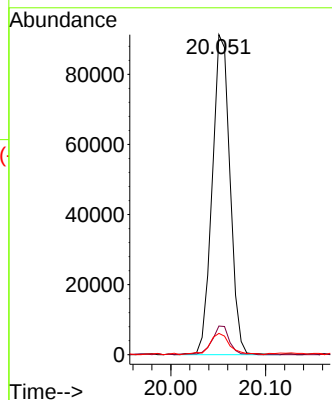
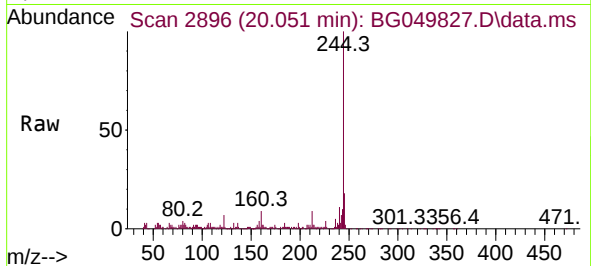




#79
 Terphenyl-d14
 Concen: 13.00 ng
 RT: 20.051 min Scan# 2896
 Delta R.T. -0.003 min
 Lab File: BG049827.D
 Acq: 12 Aug 2021 21:20

Instrument :
 BNA_G
 ClientSampled :
 228-344

Tgt Ion:244	Resp:	118404
Ion Ratio	Lower	Upper
244	100	
212	8.9	6.9 10.3
122	6.6	5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.015 min Scan# 3741
 Delta R.T. 0.009 min
 Lab File: BG049827.D
 Acq: 12 Aug 2021 21:20

Tgt Ion:264	Resp:	163646
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.4 29.2
265	19.9	16.9 25.3

