

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049850.D
 Acq On : 16 Aug 2021 14:35
 Operator : CG/JU
 Sample : M3404-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-1-6FT

Quant Time: Aug 16 15:37:33 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)

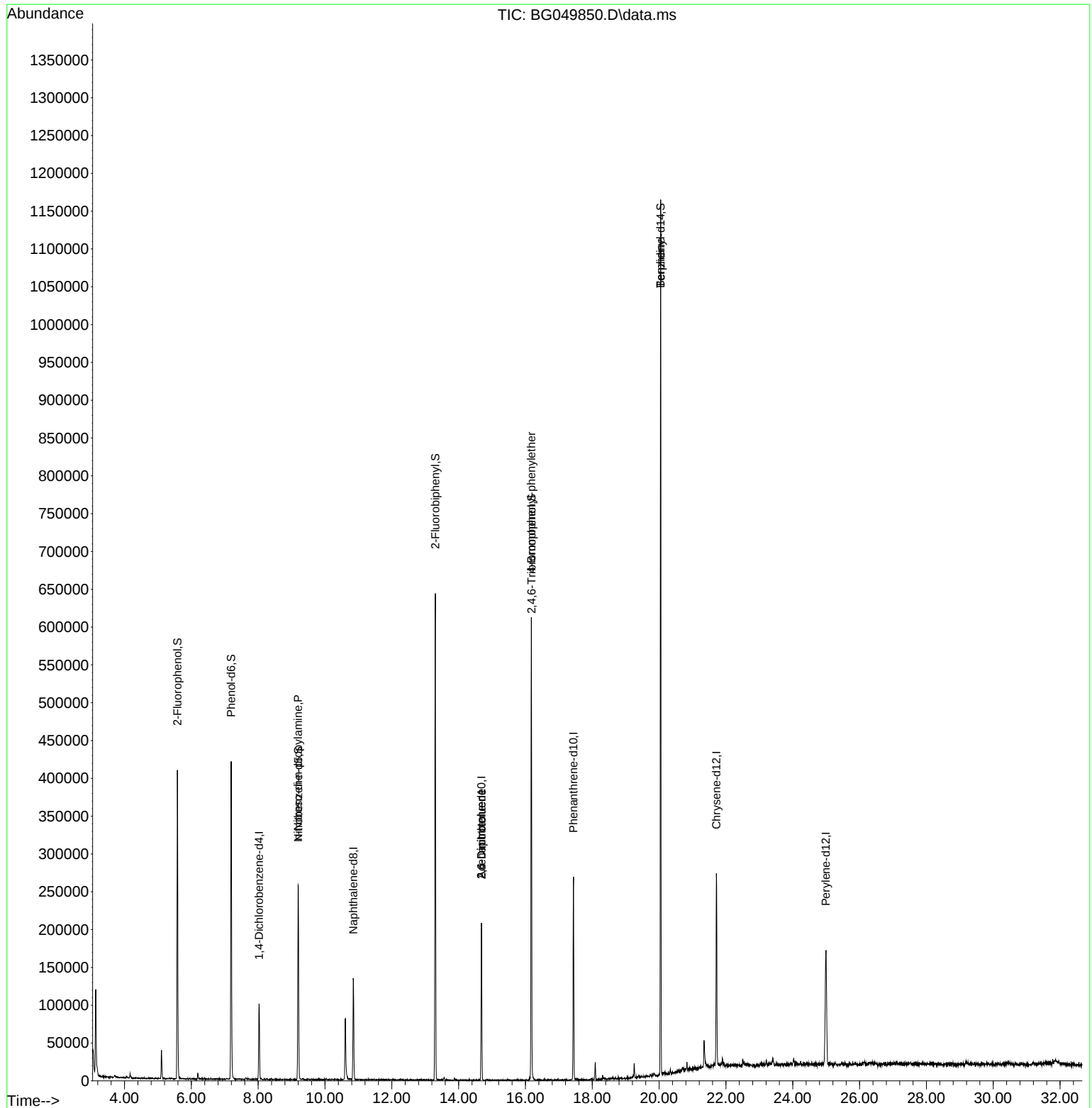
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	27184	20.000	ng	-0.01
21) Naphthalene-d8	10.847	136	108928	20.000	ng	-0.02
39) Acenaphthene-d10	14.683	164	75017	20.000	ng	-0.01
64) Phenanthrene-d10	17.438	188	166390	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	158113	20.000	ng	-0.01
86) Perylene-d12	24.992	264	167946	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.583	112	167069	110.171	ng	0.00
7) Phenol-d6	7.193	99	226326	98.595	ng	0.00
23) Nitrobenzene-d5	9.202	82	161331	65.539	ng	-0.01
42) 2,4,6-Tribromophenol	16.181	330	123408	111.919	ng	0.00
45) 2-Fluorobiphenyl	13.302	172	327272	63.480	ng	-0.01
79) Terphenyl-d14	20.046	244	522006	59.961	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.196	70	24383	15.873	ng	# 62
51) 2,6-Dinitrotoluene	14.683	165	10560	8.474	ng	# 11
57) 2,4-Dinitrotoluene	14.683	165	10560	6.033	ng	# 16
67) 4-Bromophenyl-phenylether	16.175	248	7321	3.736	ng	# 1
77) Benzidine	20.046	184	10529	2.599	ng	# 95

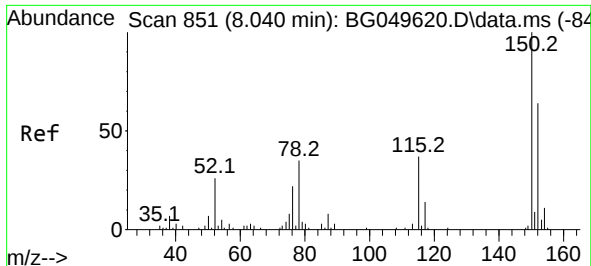
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

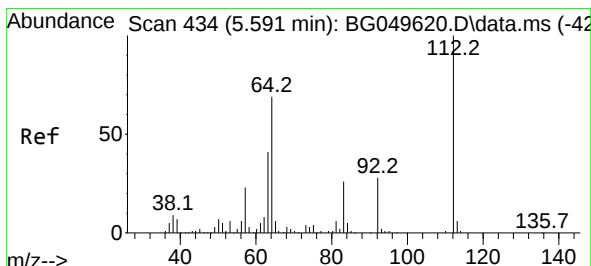
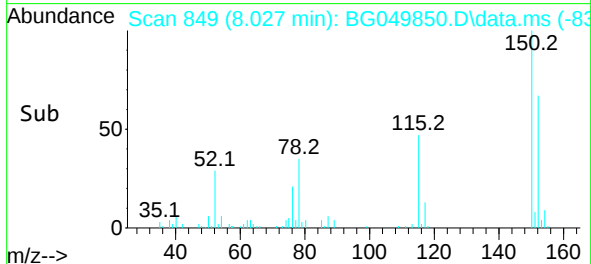
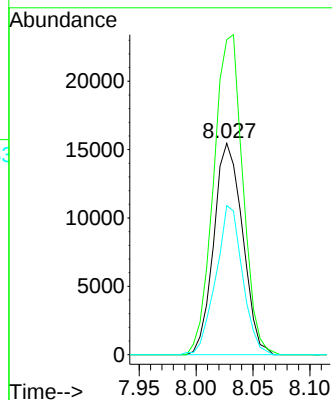
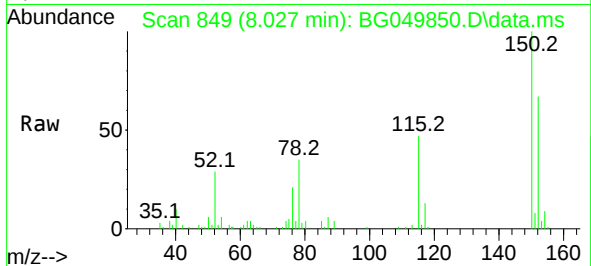




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.027 min Scan# 849
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

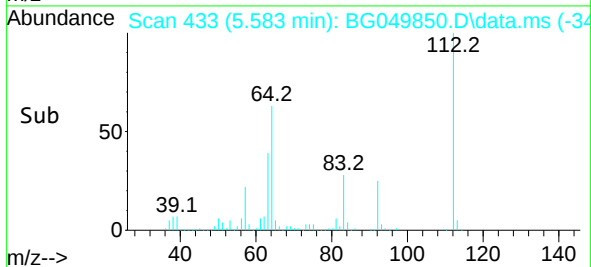
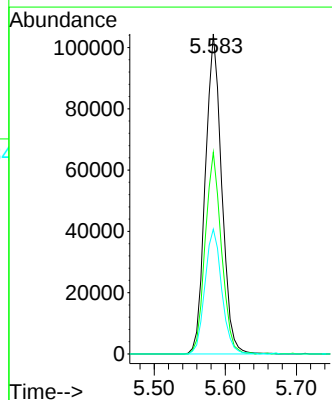
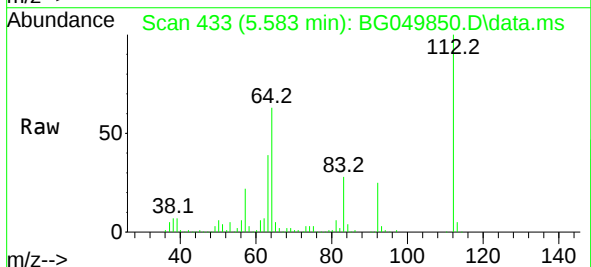
Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

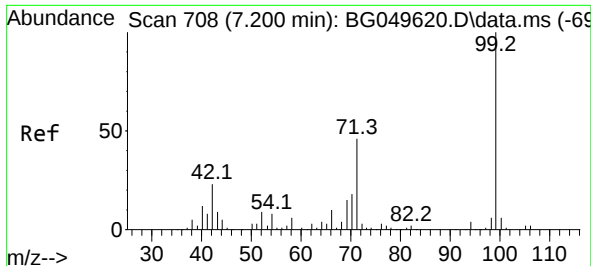
Tgt Ion:152 Resp: 27184
Ion Ratio Lower Upper
152 100
150 149.0 119.4 179.0
115 70.5 60.2 90.4



#5
2-Fluorophenol
Concen: 110.171 ng
RT: 5.583 min Scan# 433
Delta R.T. -0.008 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Tgt Ion:112 Resp: 167069
Ion Ratio Lower Upper
112 100
64 63.0 46.7 70.1
63 39.0 35.3 52.9

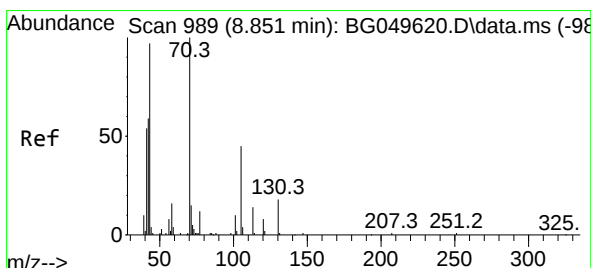
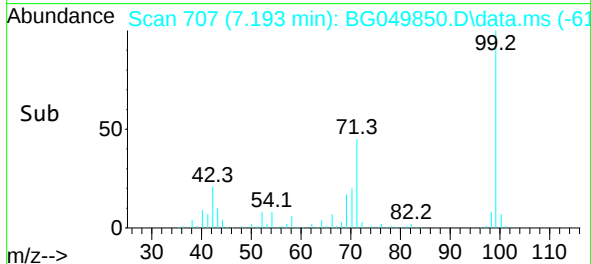
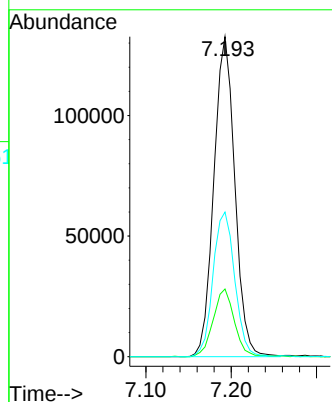
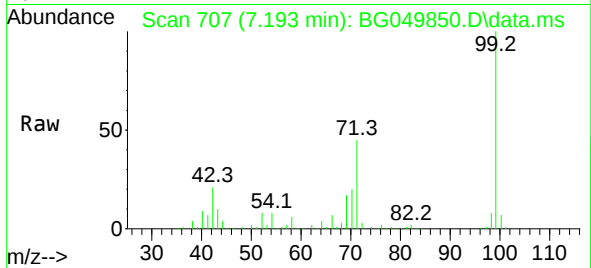




#7
Phenol-d6
Concen: 98.595 ng
RT: 7.193 min Scan# 707
Delta R.T. -0.007 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

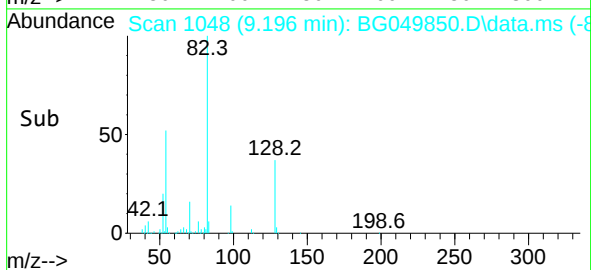
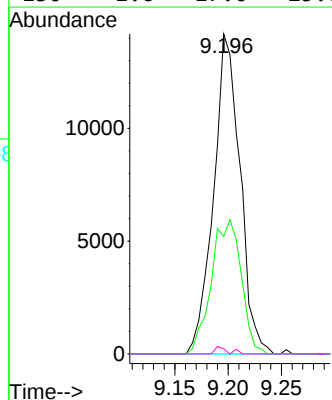
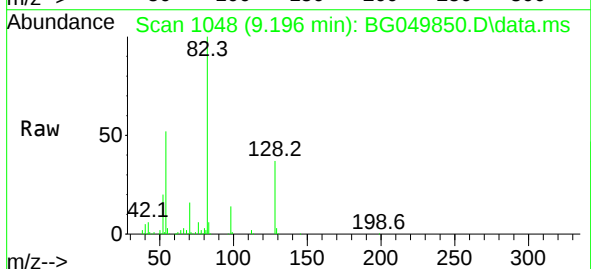
Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

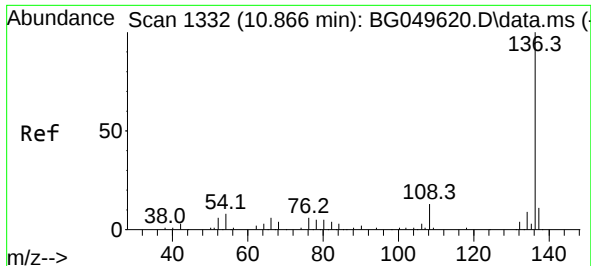
Tgt Ion: 99 Resp: 226326
Ion Ratio Lower Upper
99 100
42 21.2 20.5 30.7
71 45.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.873 ng
RT: 9.196 min Scan# 1048
Delta R.T. 0.345 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

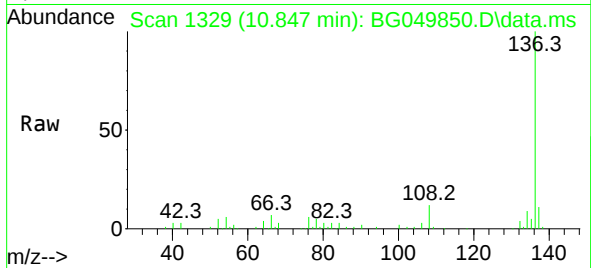
Tgt Ion: 70 Resp: 24383
Ion Ratio Lower Upper
70 100
42 36.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#



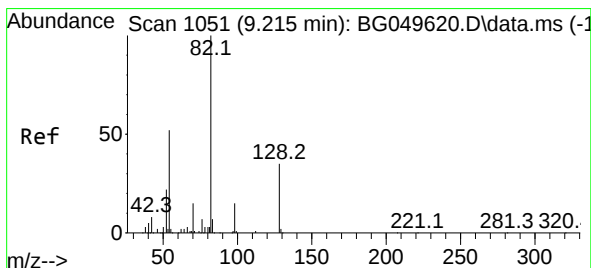
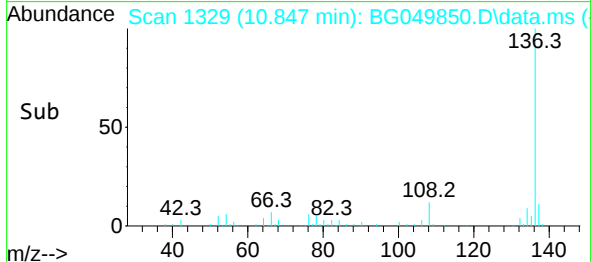
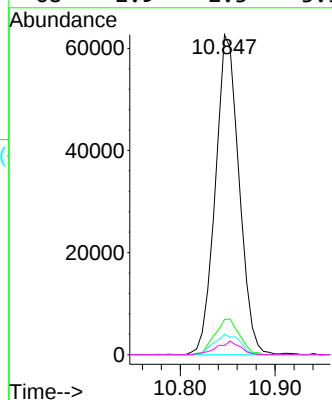


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.847 min Scan# 1329
Delta R.T. -0.019 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

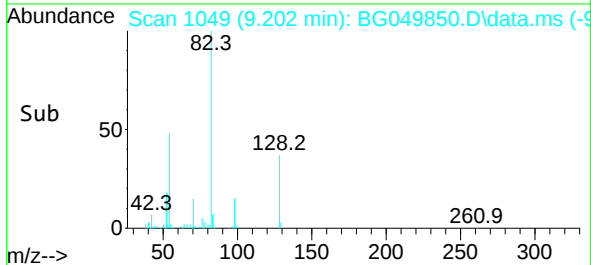
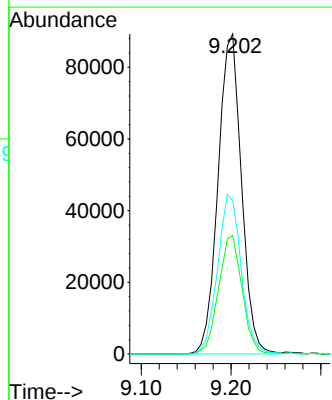
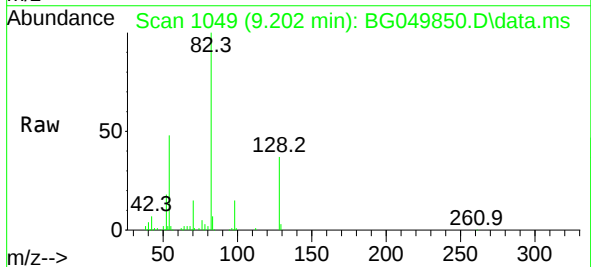


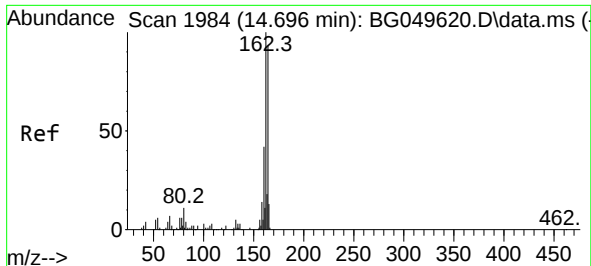
Tgt Ion:	136	Resp:	108928
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	6.4	5.5	8.3
68	2.9	2.3	3.5



#23
Nitrobenzene-d5
Concen: 65.539 ng
RT: 9.202 min Scan# 1049
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Tgt Ion:	82	Resp:	161331
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.8	44.6
54	47.9	45.8	68.8

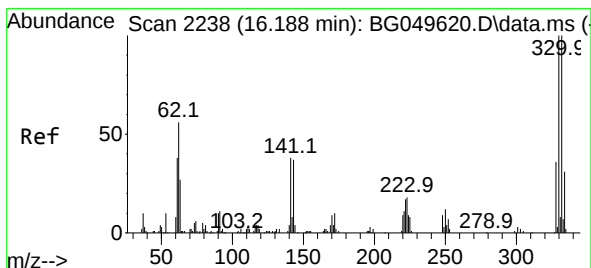
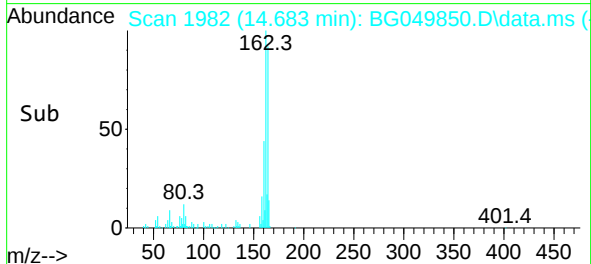
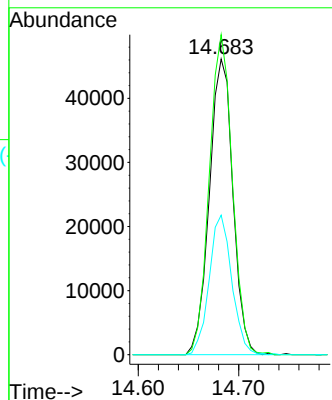
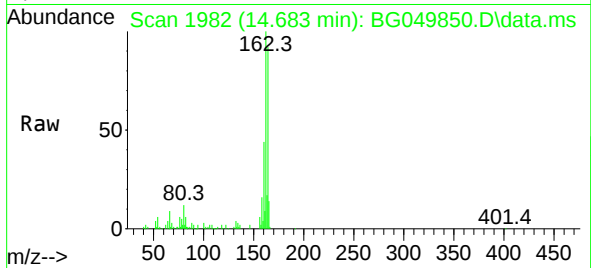




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.683 min Scan# 1982
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

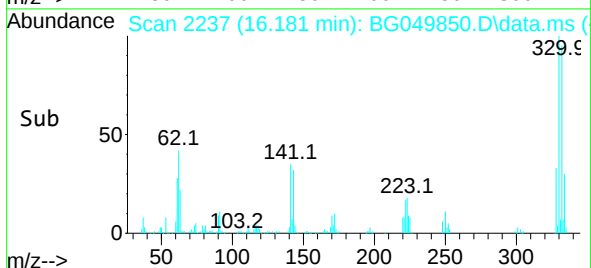
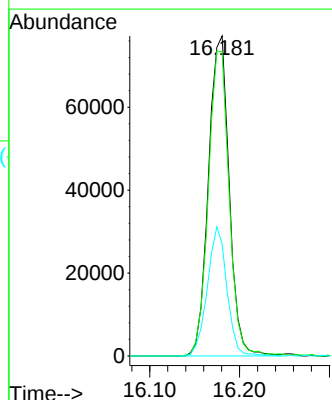
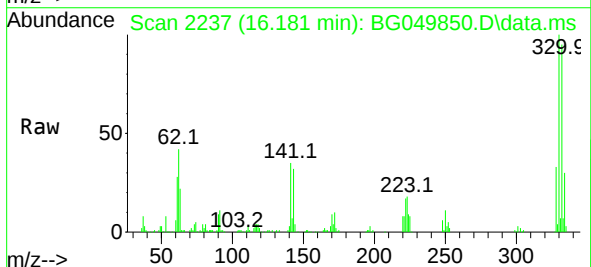
Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

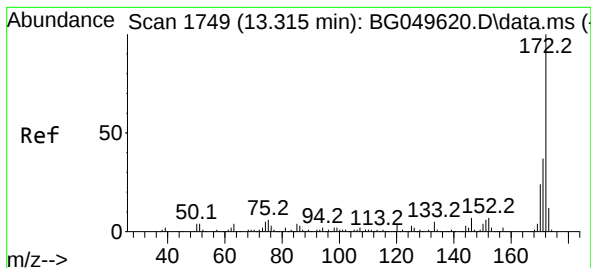
Tgt Ion:164 Resp: 75017
Ion Ratio Lower Upper
164 100
162 108.2 81.4 122.0
160 47.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 111.919 ng
RT: 16.181 min Scan# 2237
Delta R.T. -0.008 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Tgt Ion:330 Resp: 123408
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 38.1 35.6 53.4

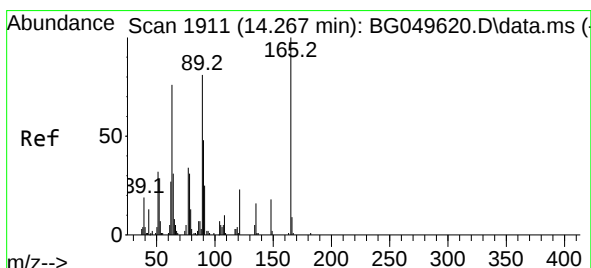
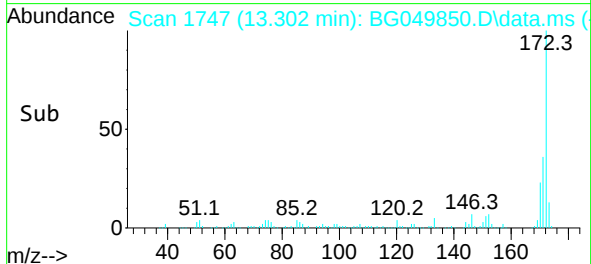
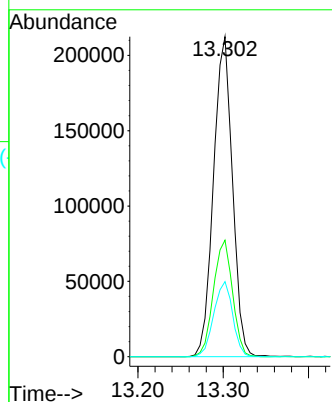
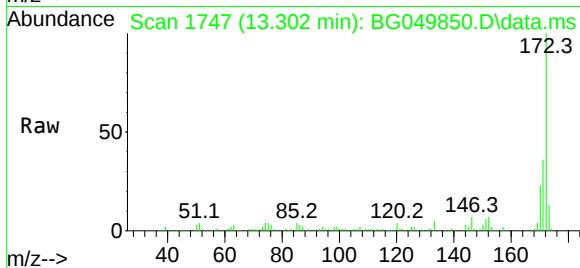




#45
2-Fluorobiphenyl
Concen: 63.480 ng
RT: 13.302 min Scan# 1747
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

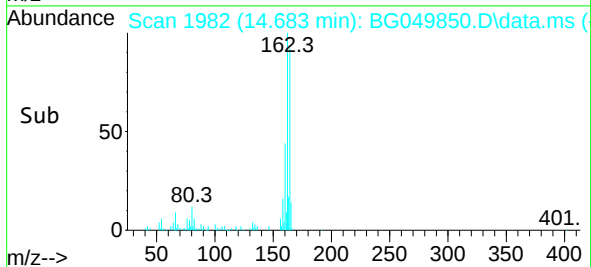
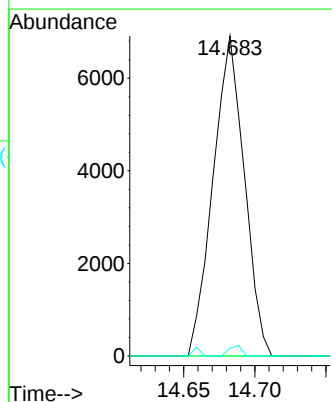
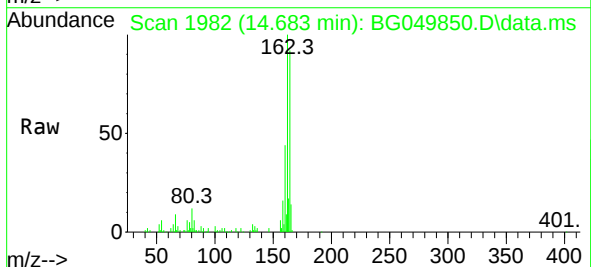
Instrument :
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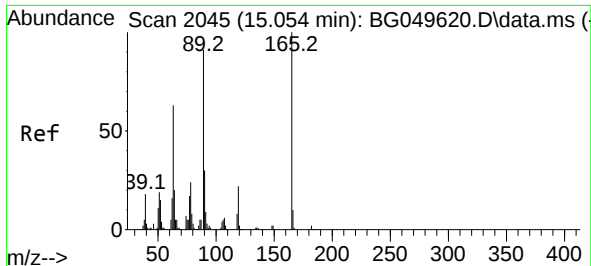
Tgt Ion:172 Resp: 327272
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.474 ng
RT: 14.683 min Scan# 1982
Delta R.T. 0.415 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Tgt Ion:165 Resp: 10560
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.3 63.4 95.0#

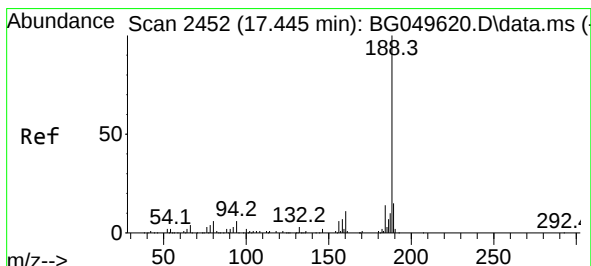
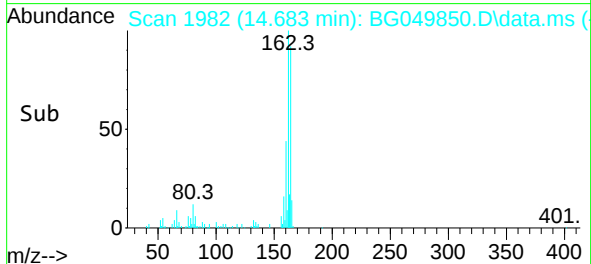
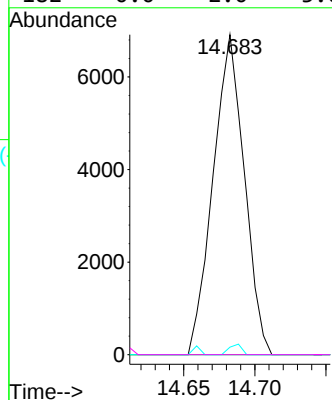
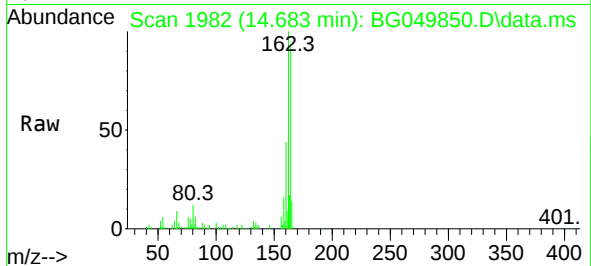




#57
2,4-Dinitrotoluene
Concen: 6.033 ng
RT: 14.683 min Scan# 1982
Delta R.T. -0.372 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

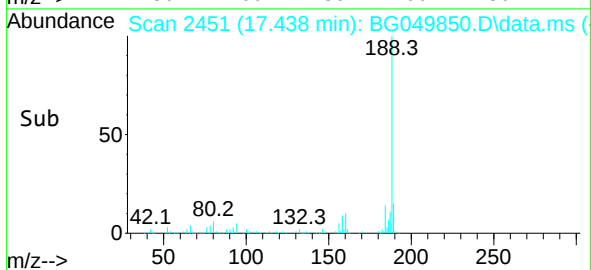
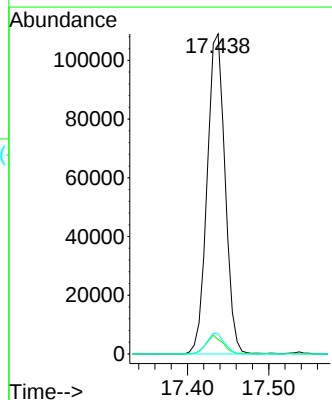
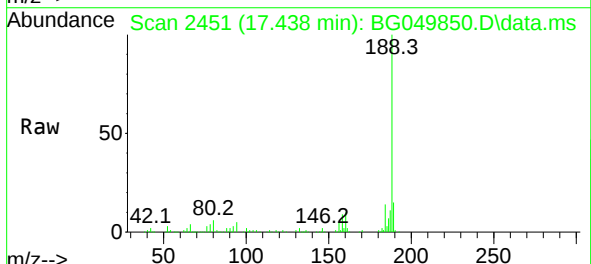
Instrument :
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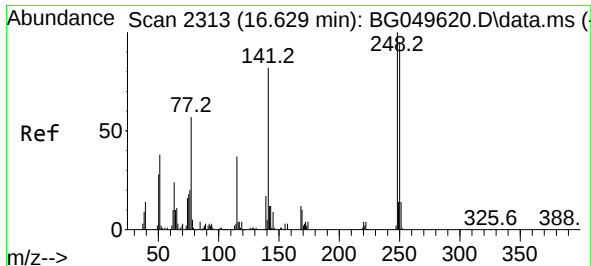
Tgt Ion:165 Resp: 10560
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.3 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.438 min Scan# 2451
Delta R.T. -0.008 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Tgt Ion:188 Resp: 166390
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 6.3 3.7 5.5#

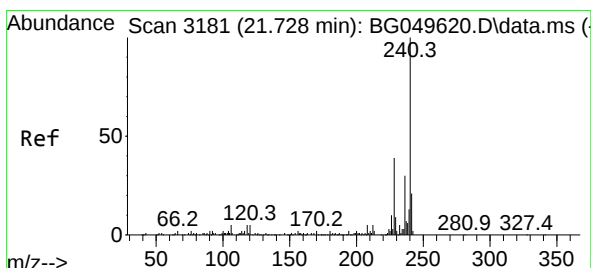
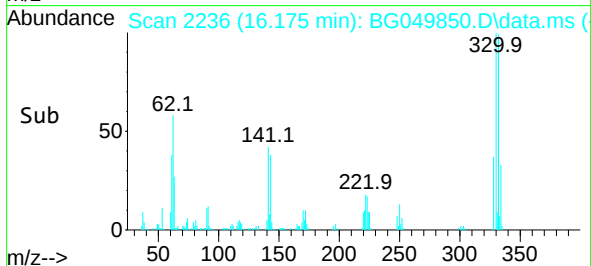
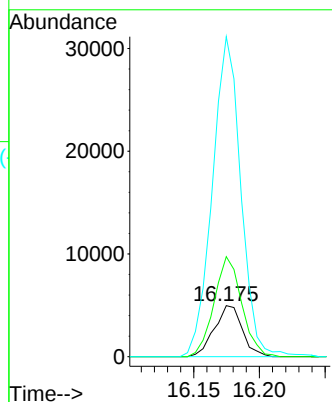
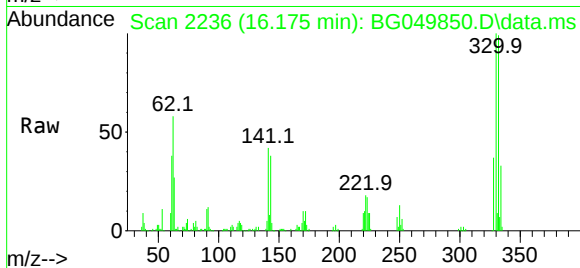




#67
4-Bromophenyl-phenylether
Concen: 3.736 ng
RT: 16.175 min Scan# 2236
Delta R.T. -0.454 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

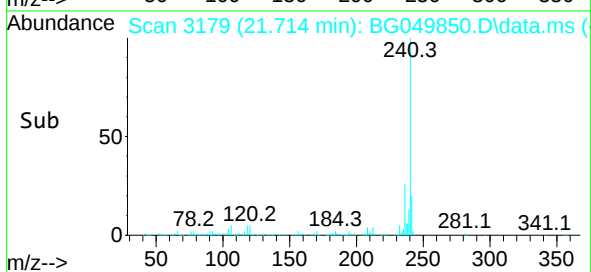
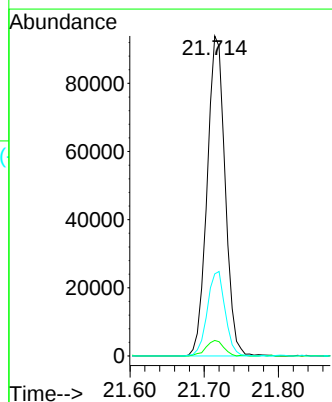
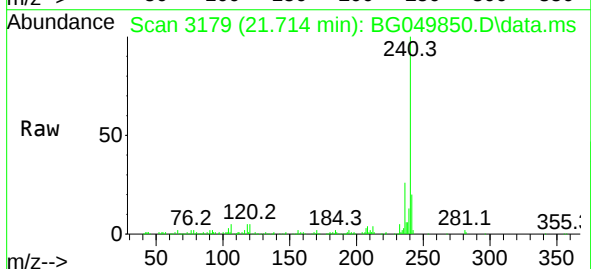
Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

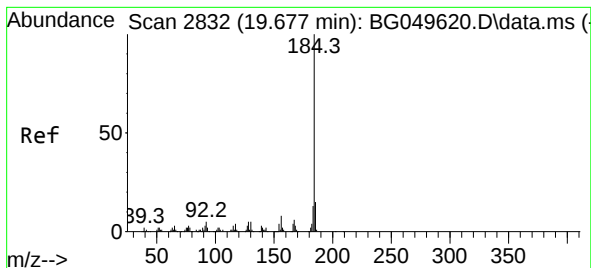
Tgt Ion:248 Resp: 7321
Ion Ratio Lower Upper
248 100
250 196.0 76.1 114.1#
141 627.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3179
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Tgt Ion:240 Resp: 158113
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 25.7 21.8 32.6





#77

Benzidine

Concen: 2.599 ng

RT: 20.046 min Scan# 2895

Delta R.T. 0.368 min

Lab File: BG049850.D

Acq: 16 Aug 2021 14:35

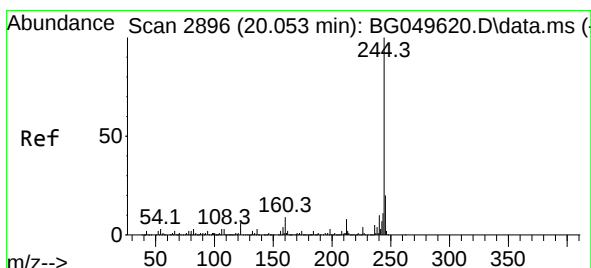
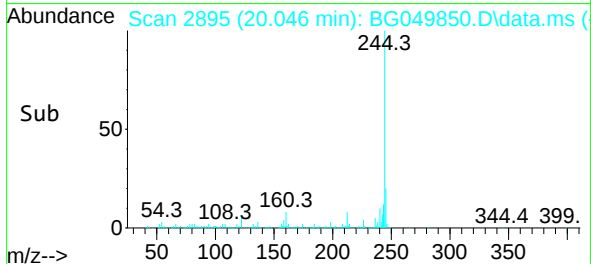
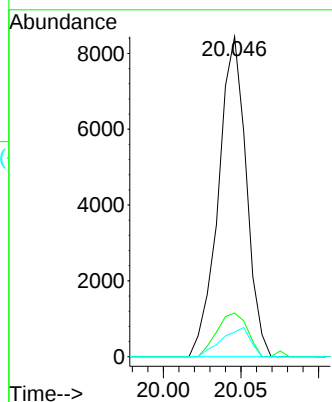
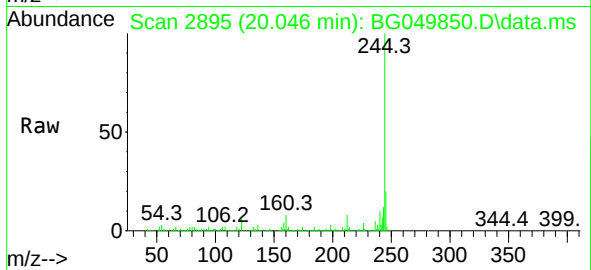
Instrument :

BNA_G

ClientSampleId :

TP3-1-6FT

Tgt Ion:184	Resp:	10529
Ion Ratio	Lower	Upper
184	100	
185	13.6	10.7 16.1
183	7.7	9.4 14.0#



#79

Terphenyl-d14

Concen: 59.961 ng

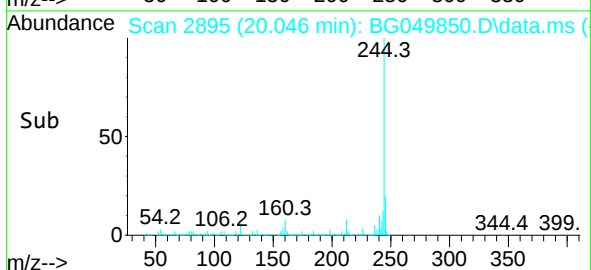
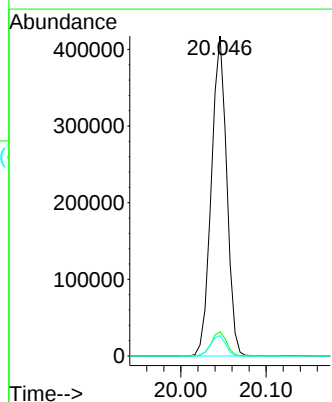
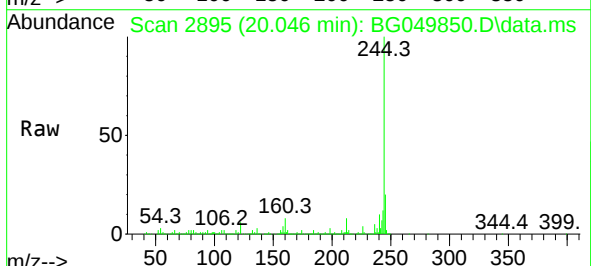
RT: 20.046 min Scan# 2895

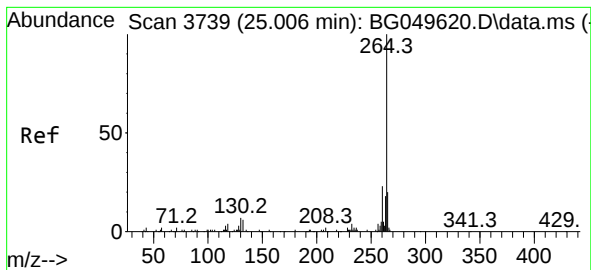
Delta R.T. -0.008 min

Lab File: BG049850.D

Acq: 16 Aug 2021 14:35

Tgt Ion:244	Resp:	522006
Ion Ratio	Lower	Upper
244	100	
212	7.5	6.9 10.3
122	6.3	5.0 7.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.992 min Scan# 3737
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

Tgt Ion:264 Resp: 167946

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.2
265	20.6	16.9	25.3

