

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048951.D
 Acq On : 14 Jun 2021 16:06
 Operator : CG/JU
 Sample : M2687-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(124-125)

Quant Time: Jun 15 01:12:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

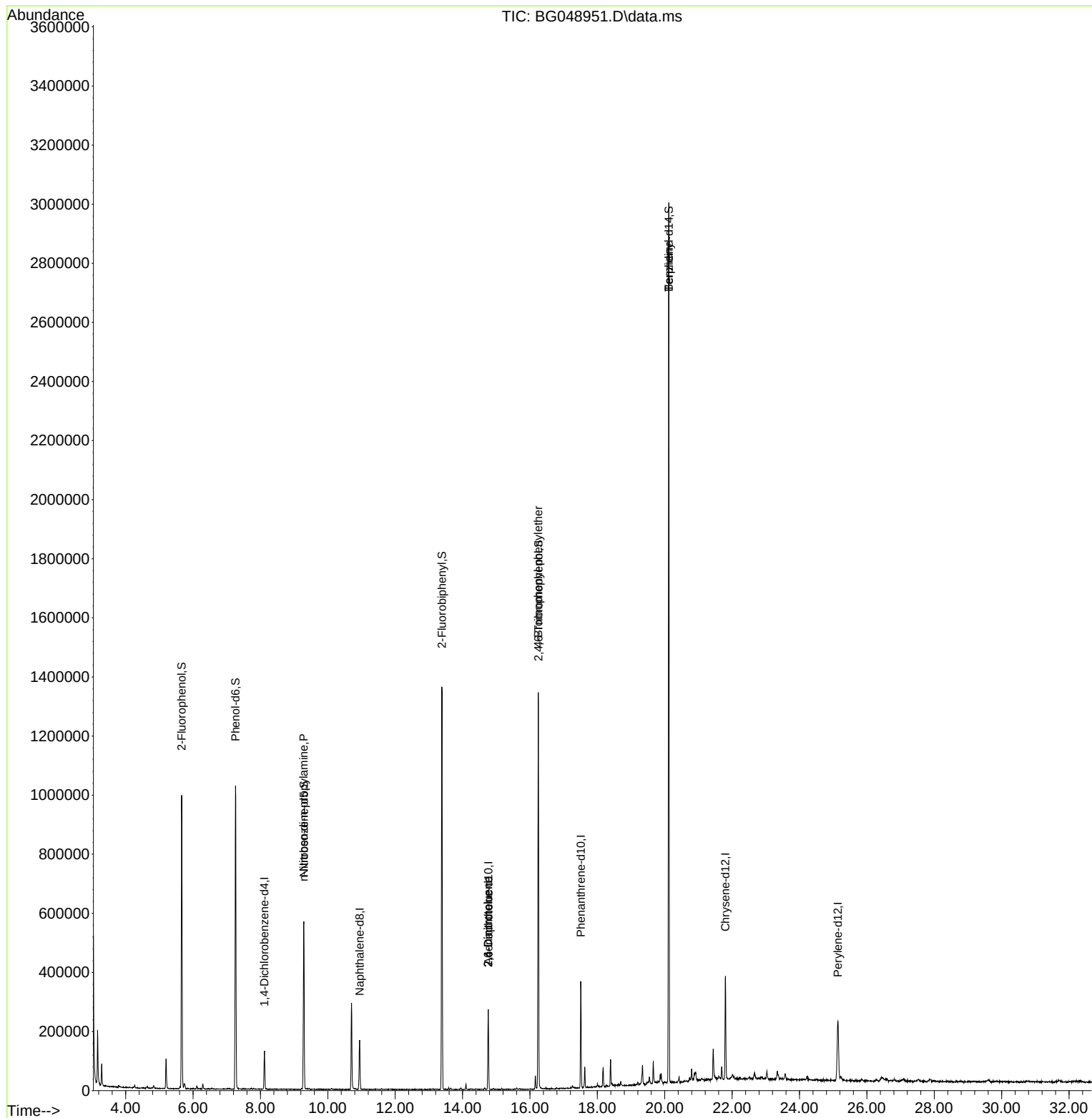
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	32383	20.00	ng	0.00
21) Naphthalene-d8	10.946	136	133174	20.00	ng	# 0.00
39) Acenaphthene-d10	14.765	164	97946	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	224754	20.00	ng	# 0.00
76) Chrysene-d12	21.804	240	224019	20.00	ng	-0.01
86) Perylene-d12	25.141	264	231271	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	375369	180.44	ng	0.00
7) Phenol-d6	7.262	99	535292	171.68	ng	0.00
23) Nitrobenzene-d5	9.289	82	336831	109.06	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	259468	178.80	ng	0.00
45) 2-Fluorobiphenyl	13.390	172	727167	104.88	ng	0.00
79) Terphenyl-d14	20.123	244	1379310	112.76	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.283	70	49521	20.32	ng	# 71
51) 2,6-Dinitrotoluene	14.759	165	12880	8.29	ng	# 14
57) 2,4-Dinitrotoluene	14.759	165	12880	6.75	ng	# 19
67) 4-Bromophenyl-phenylether	16.245	248	15954	5.68	ng	# 1
77) Benzidine	20.123	184	27062	6.00	ng	# 92

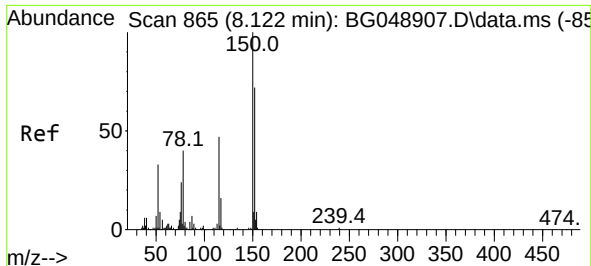
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
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17-B6(124-125)

Quant Time: Jun 15 01:12:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

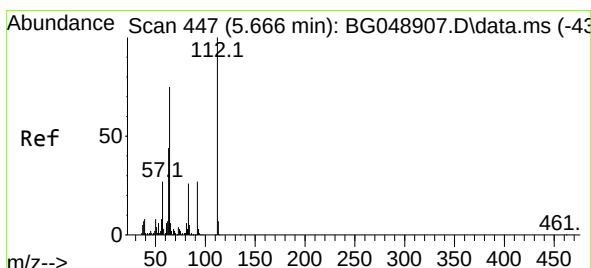
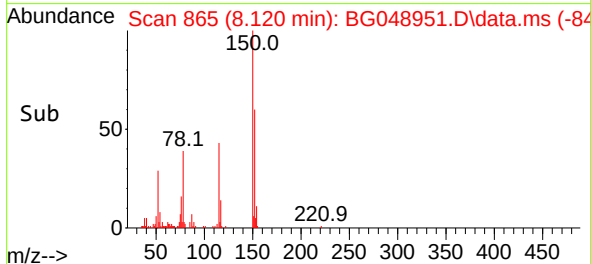
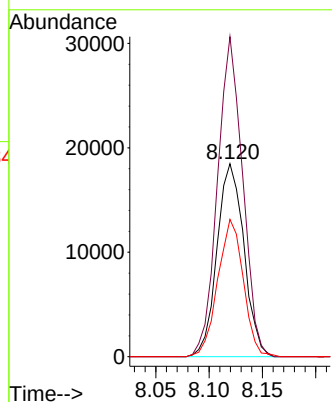
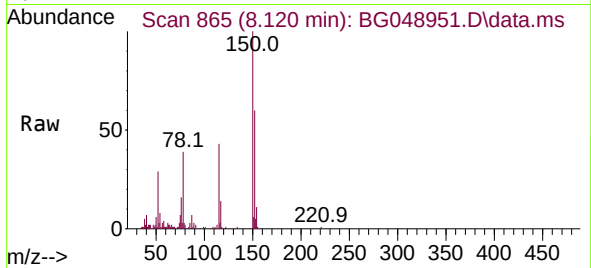




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.120 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

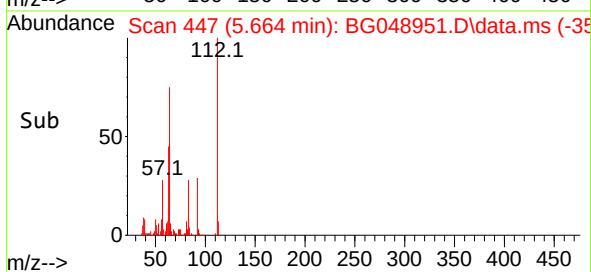
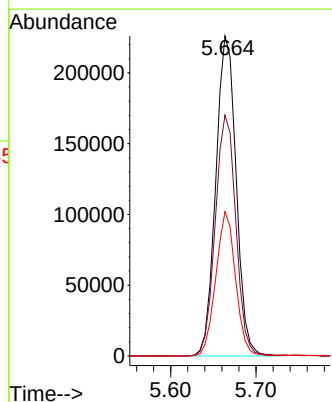
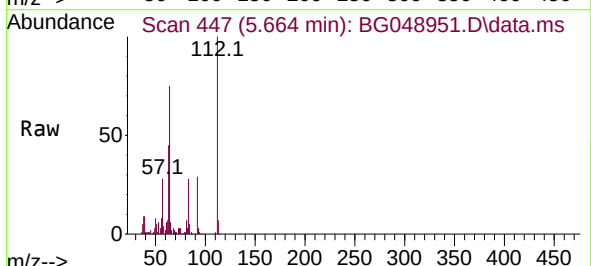
Instrument :
BNA_G
ClientSampleId :
17-B6(124-125)

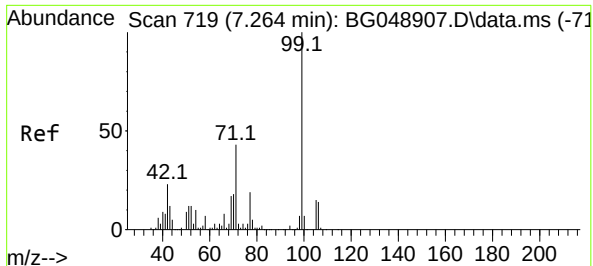
Tgt Ion:152 Resp: 32383
Ion Ratio Lower Upper
152 100
150 165.8 119.4 179.0
115 71.1 60.2 90.4



#5
2-Fluorophenol
Concen: 180.44 ng
RT: 5.664 min Scan# 447
Delta R.T. -0.002 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

Tgt Ion:112 Resp: 375369
Ion Ratio Lower Upper
112 100
64 75.2 46.7 70.1#
63 45.1 35.3 52.9

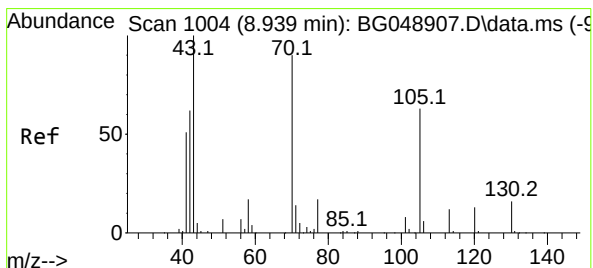
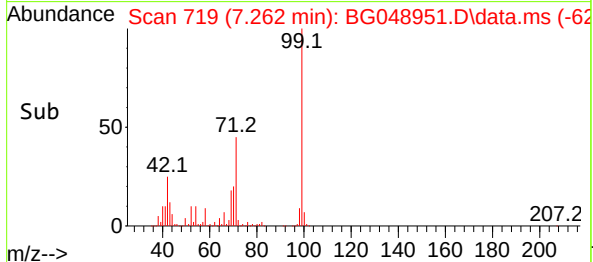
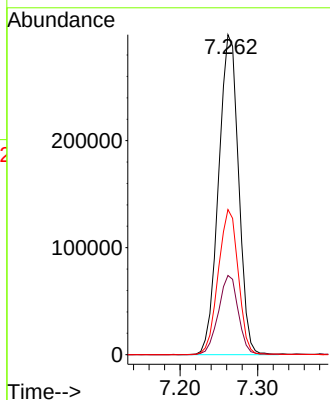
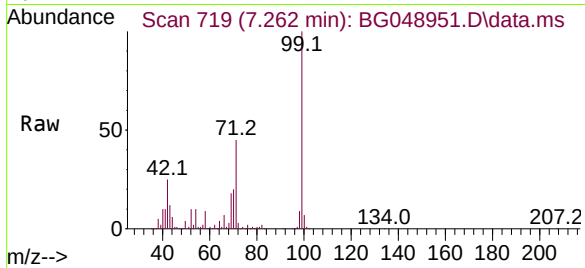




#7
Phenol-d6
Concen: 171.68 ng
RT: 7.262 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

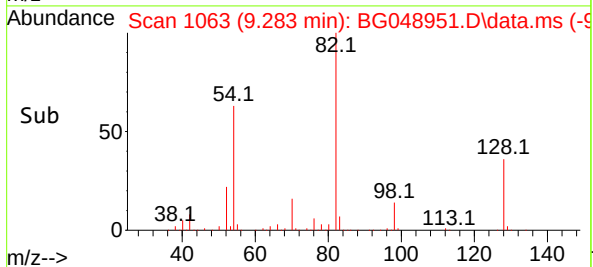
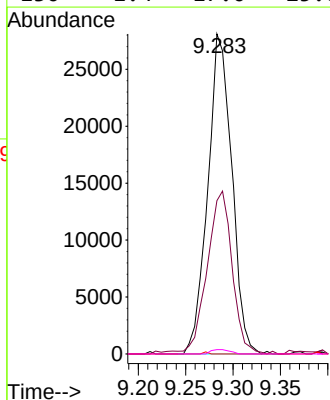
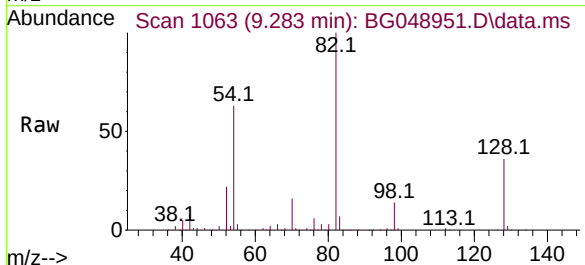
Instrument :
BNA_G
ClientSampleId :
17-B6(124-125)

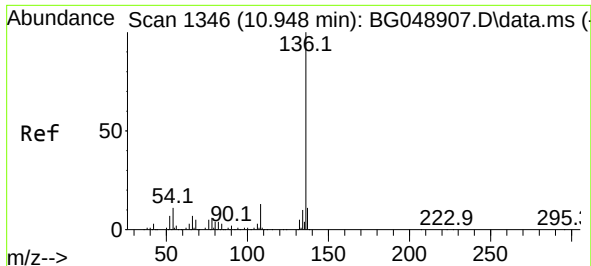
Tgt Ion: 99 Resp: 535292
Ion Ratio Lower Upper
99 100
42 24.8 20.5 30.7
71 45.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.32 ng
RT: 9.283 min Scan# 1063
Delta R.T. 0.344 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

Tgt Ion: 70 Resp: 49521
Ion Ratio Lower Upper
70 100
42 47.9 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

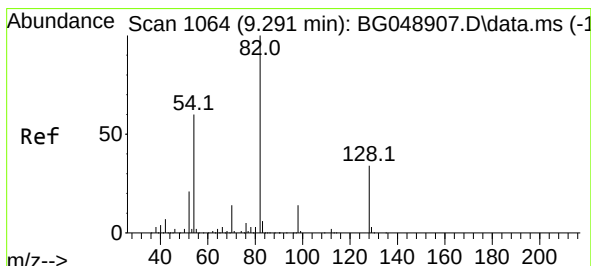
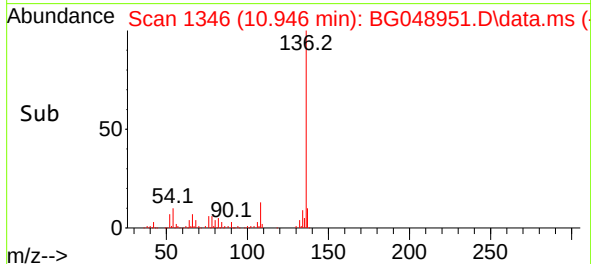
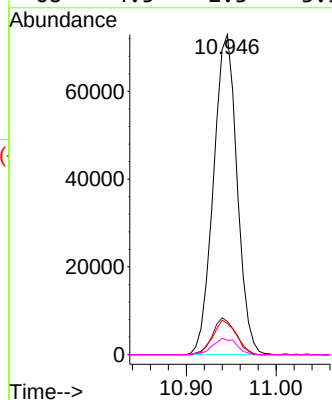
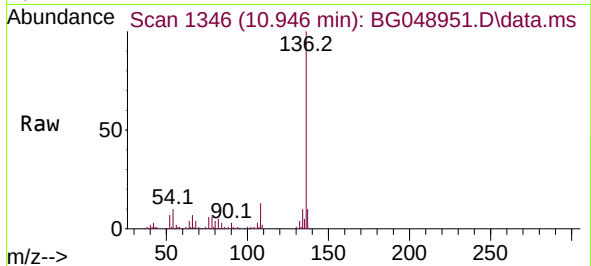




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

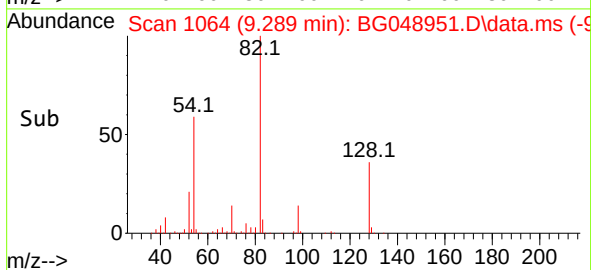
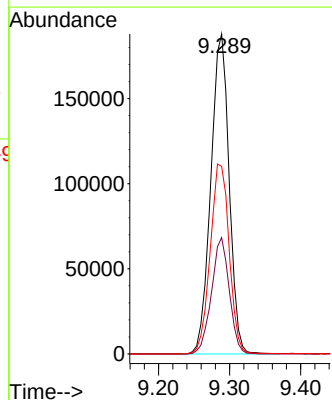
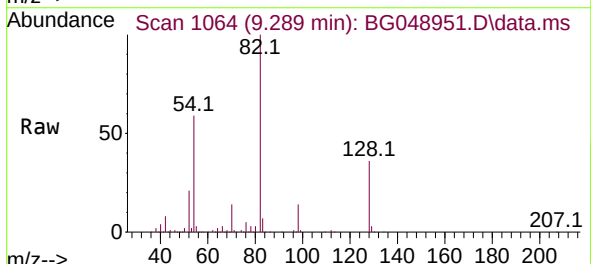
Instrument :
BNA_G
ClientSampleId :
17-B6(124-125)

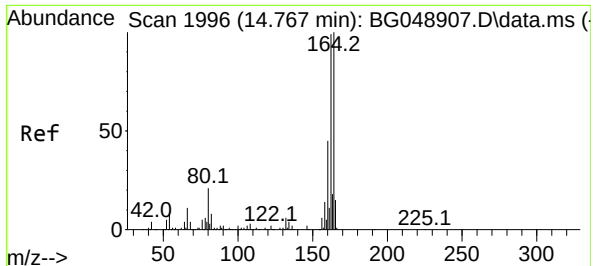
Tgt Ion:136	Resp:	133174
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.2 12.2
54	9.7	5.5 8.3#
68	4.5	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 109.06 ng
RT: 9.289 min Scan# 1064
Delta R.T. -0.002 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

Tgt Ion: 82	Resp:	336831
Ion Ratio	Lower	Upper
82	100	
128	36.4	29.8 44.6
54	58.6	45.8 68.8

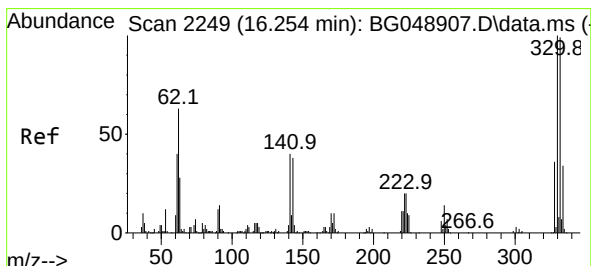
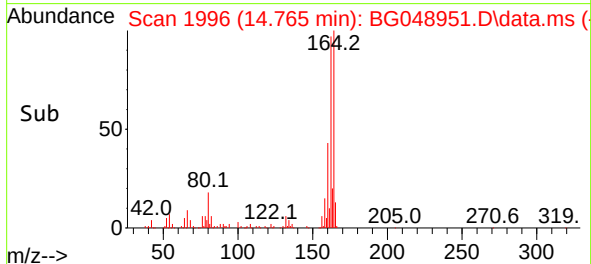
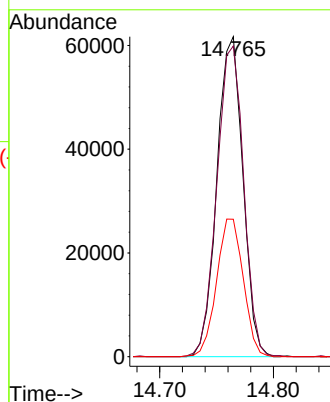
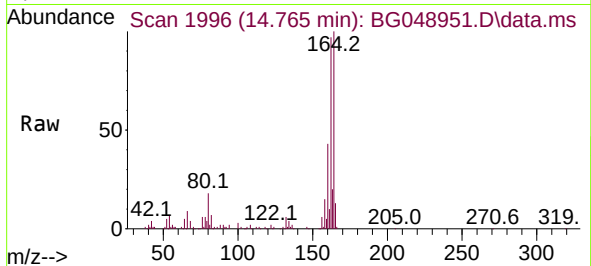




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.765 min Scan# 1996
Delta R.T. -0.002 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

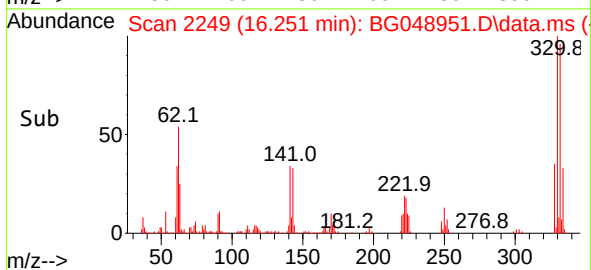
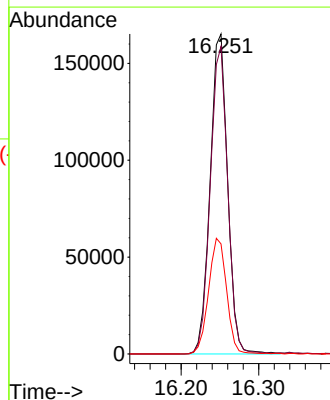
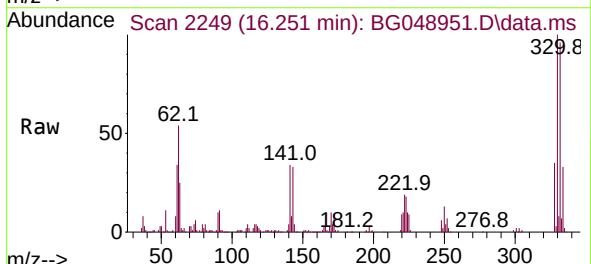
Instrument :
BNA_G
ClientSampleId :
17-B6(124-125)

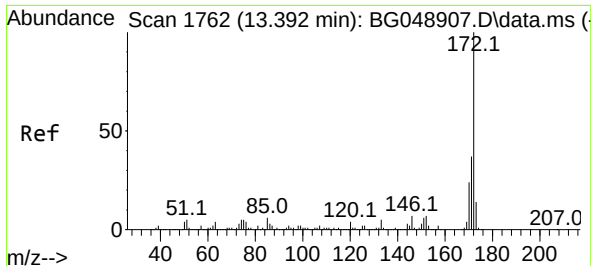
Tgt Ion:164	Resp:	97946
Ion Ratio	Lower	Upper
164	100	
162	97.1	81.4 122.0
160	42.9	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 178.80 ng
RT: 16.251 min Scan# 2249
Delta R.T. -0.003 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

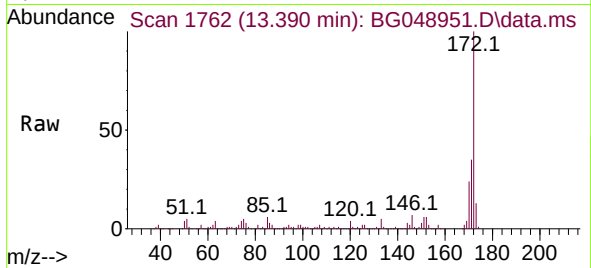
Tgt Ion:330	Resp:	259468
Ion Ratio	Lower	Upper
330	100	
332	95.6	77.3 115.9
141	37.2	35.6 53.4



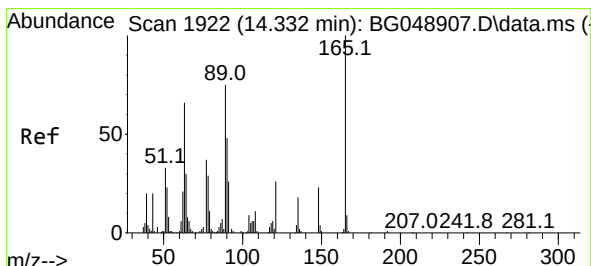
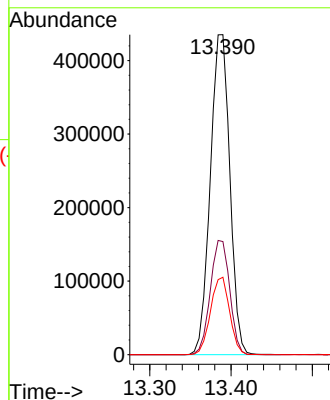
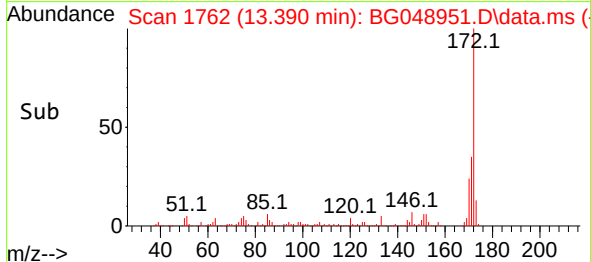


#45
2-Fluorobiphenyl
Concen: 104.88 ng
RT: 13.390 min Scan# 1762
Delta R.T. -0.002 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

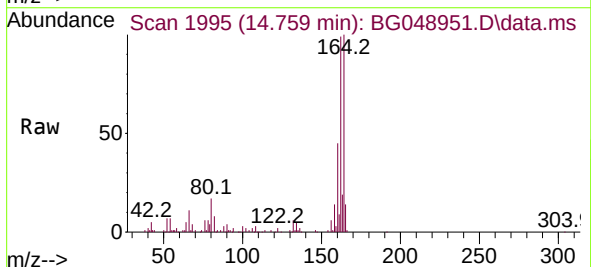
Instrument :
BNA_G
ClientSampleId :
17-B6(124-125)



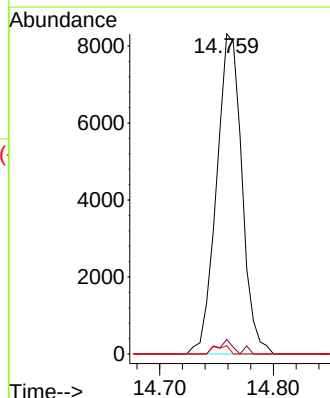
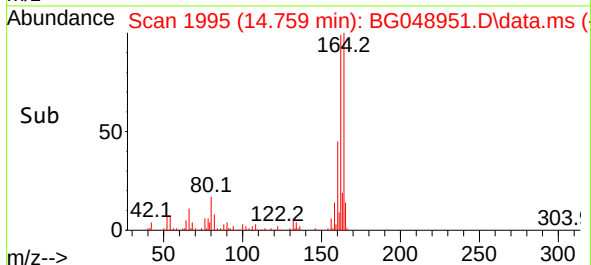
Tgt Ion:172 Resp: 727167
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.2 18.6 27.8

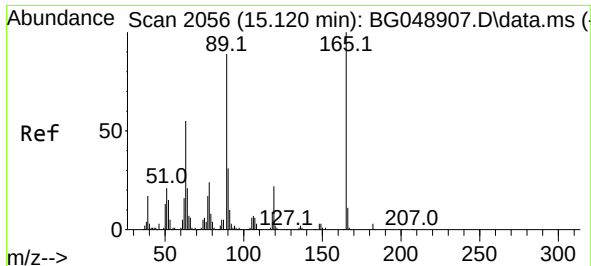


#51
2,6-Dinitrotoluene
Concen: 8.29 ng
RT: 14.759 min Scan# 1995
Delta R.T. 0.426 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06



Tgt Ion:165 Resp: 12880
Ion Ratio Lower Upper
165 100
63 4.5 63.3 94.9#
89 2.6 63.4 95.0#

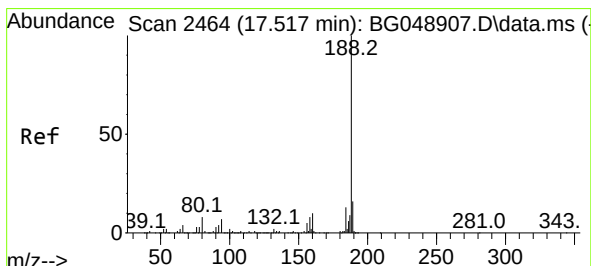
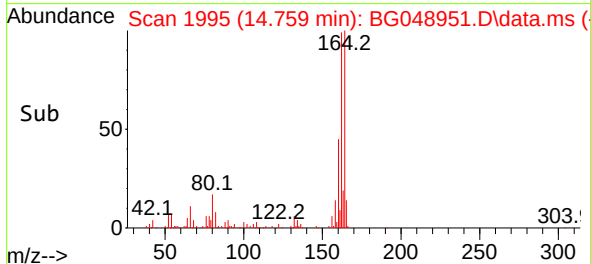
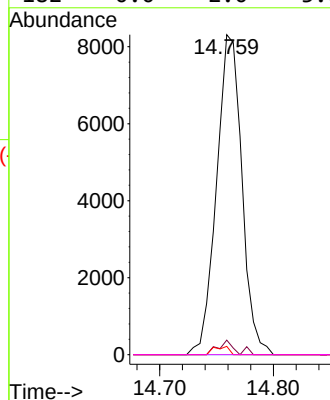
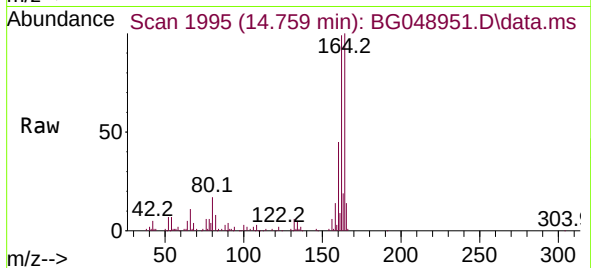




#57
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.361 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

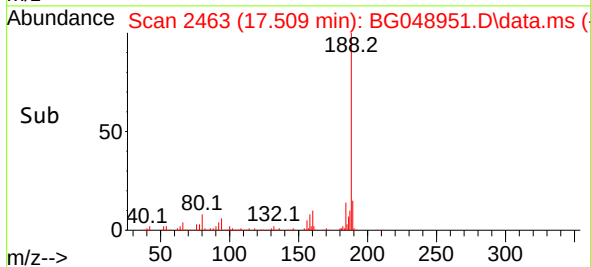
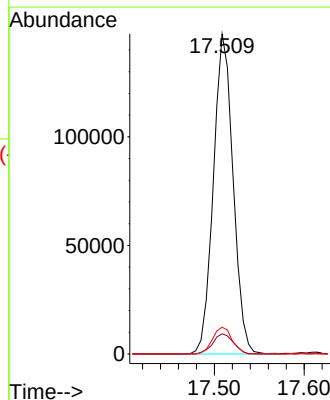
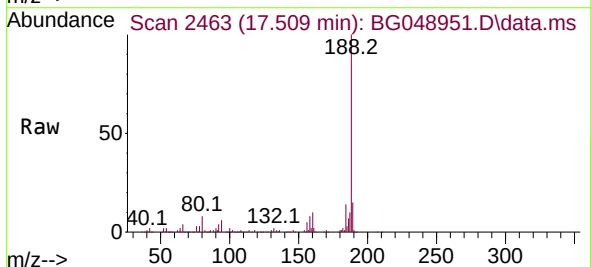
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17-B6(124-125)

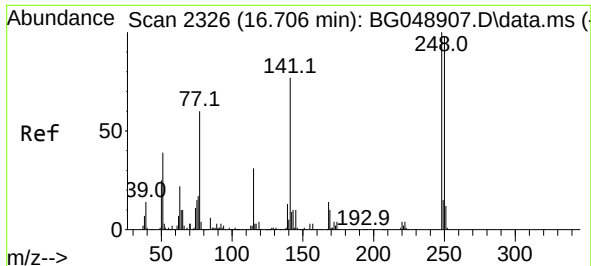
Tgt Ion:165 Resp: 12880
Ion Ratio Lower Upper
165 100
63 4.5 48.0 72.0#
89 2.6 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

Tgt Ion:188 Resp: 224754
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 8.4 3.7 5.5#

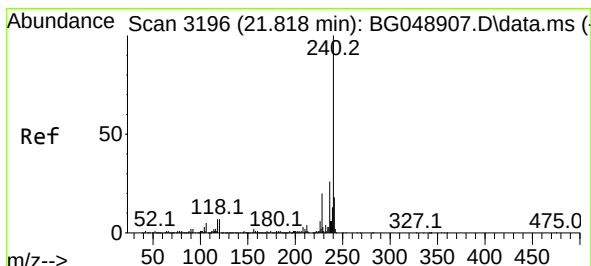
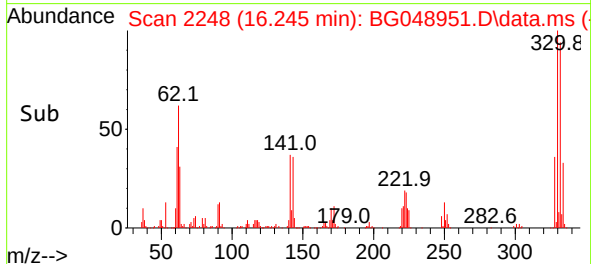
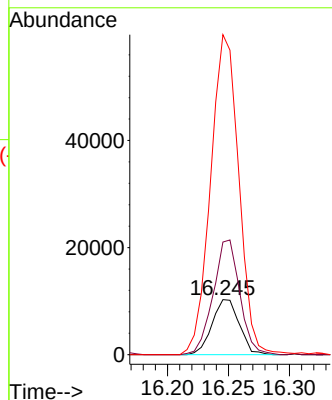
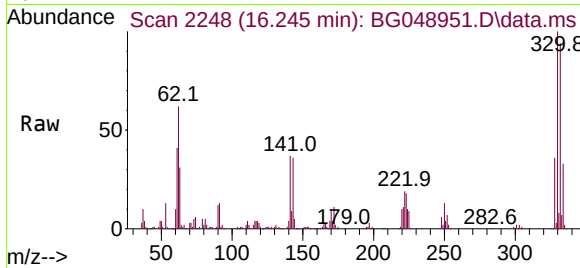




#67
4-Bromophenyl-phenylether
Concen: 5.68 ng
RT: 16.245 min Scan# 2248
Delta R.T. -0.461 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

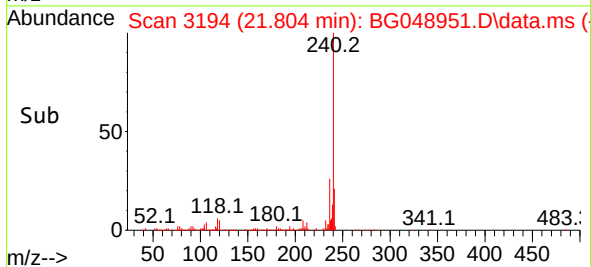
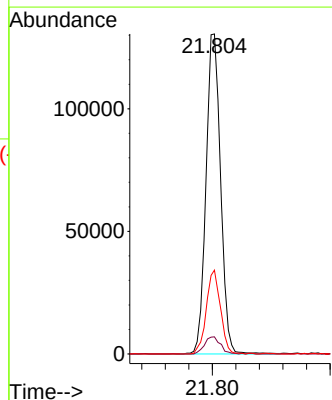
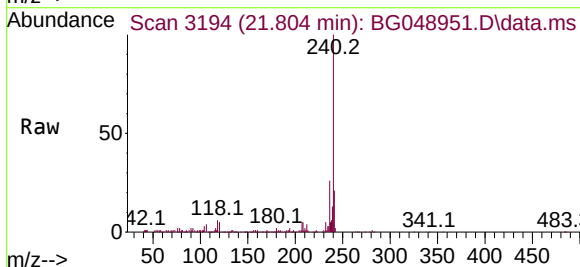
Instrument :
BNA_G
ClientSampleId :
17-B6(124-125)

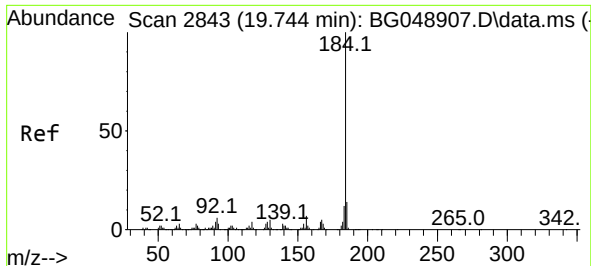
Tgt Ion:248 Resp: 15954
Ion Ratio Lower Upper
248 100
250 204.7 76.1 114.1#
141 581.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3194
Delta R.T. -0.014 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

Tgt Ion:240 Resp: 224019
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 26.2 21.8 32.6

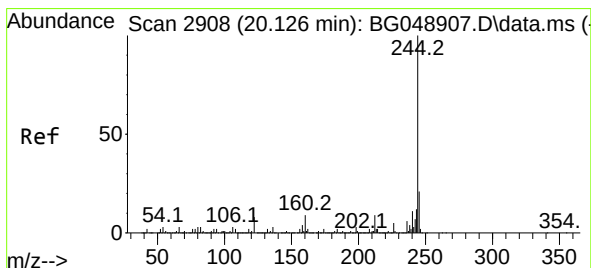
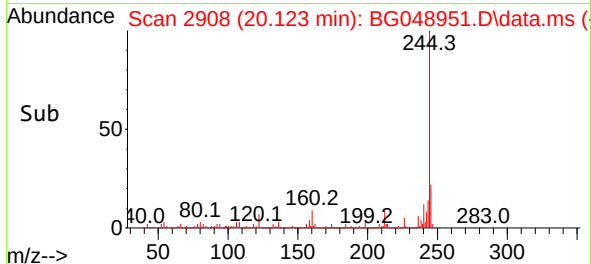
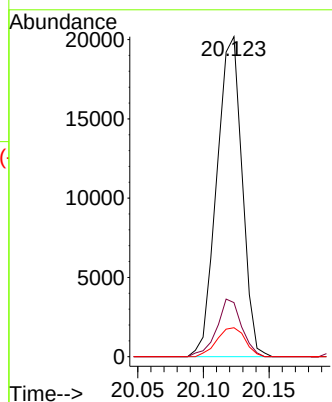
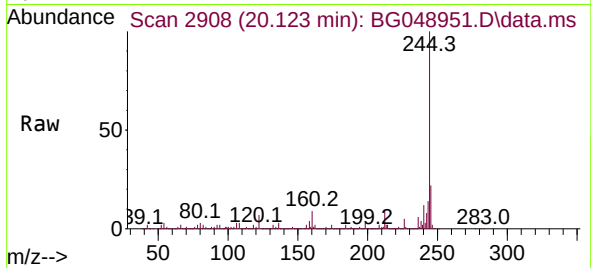




#77
Benzidine
Concen: 6.00 ng
RT: 20.123 min Scan# 2908
Delta R.T. 0.379 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

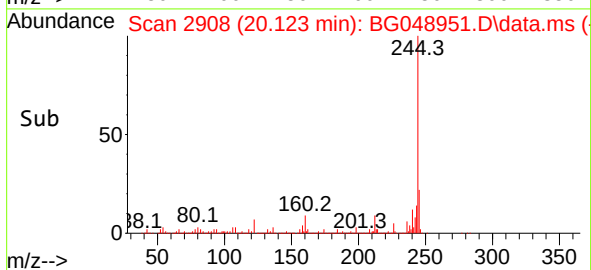
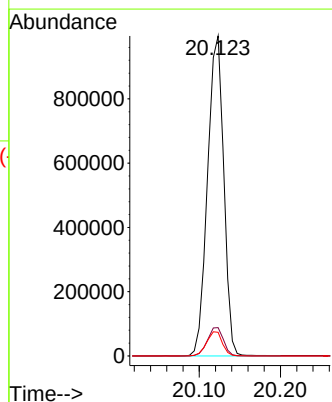
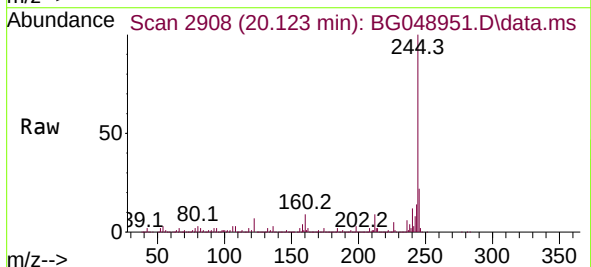
Instrument :
BNA_G
ClientSampleId :
17-B6(124-125)

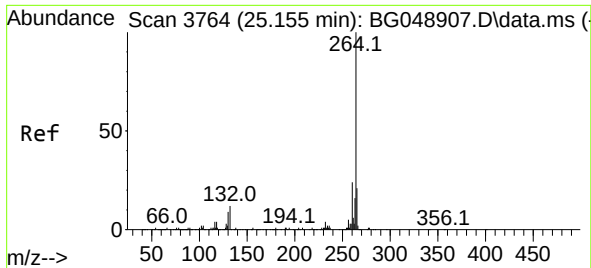
Tgt Ion:184 Resp: 27062
Ion Ratio Lower Upper
184 100
185 16.9 10.7 16.1#
183 9.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 112.76 ng
RT: 20.123 min Scan# 2908
Delta R.T. -0.003 min
Lab File: BG048951.D
Acq: 14 Jun 2021 16:06

Tgt Ion:244 Resp: 1379310
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 7.4 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.141 min Scan# 3762
 Delta R.T. -0.014 min
 Lab File: BG048951.D
 Acq: 14 Jun 2021 16:06

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(124-125)

Tgt Ion:264 Resp: 231271

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.6	16.9	25.3

