

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
 Data File : BG049110.D
 Acq On : 26 Jun 2021 15:53
 Operator : CG/JU
 Sample : M2851-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-08

Quant Time: Jun 27 04:32:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

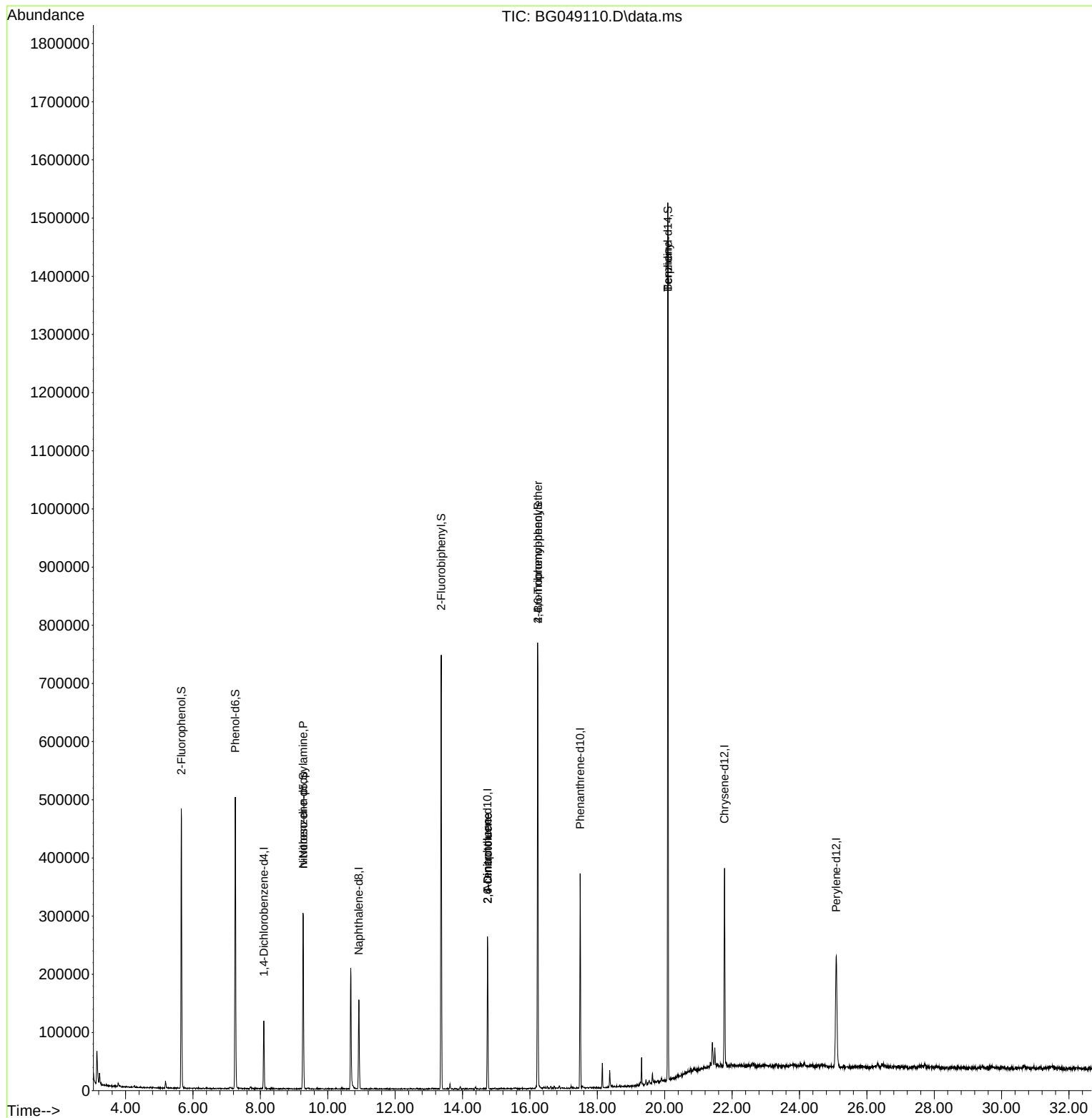
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	30173	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	121108	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	94268	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	224120	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	216462	20.00	ng	-0.01
86) Perylene-d12	25.088	264	223590	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	191695	98.90	ng	0.00
7) Phenol-d6	7.256	99	254106	87.47	ng	0.00
23) Nitrobenzene-d5	9.266	82	179489	63.91	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	152196	108.97	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	376274	56.39	ng	0.00
79) Terphenyl-d14	20.094	244	705332	59.68	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.266	70	26104	11.50	ng	# 74
51) 2,6-Dinitrotoluene	14.748	165	11970	8.00	ng	# 10
57) 2,4-Dinitrotoluene	14.748	165	11970	6.52	ng	# 15
67) 4-Bromophenyl-phenylether	16.234	248	9271	3.31	ng	# 1
77) Benzidine	20.094	184	12899	2.96	ng	96

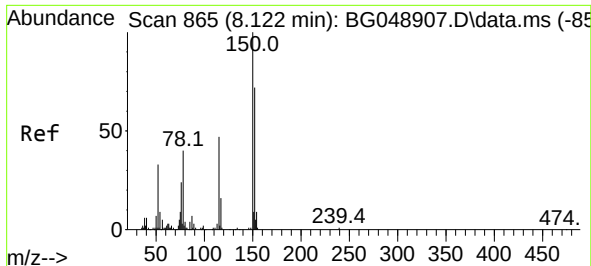
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
Data File : BG049110.D
Acq On : 26 Jun 2021 15:53
Operator : CG/JU
Sample : M2851-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

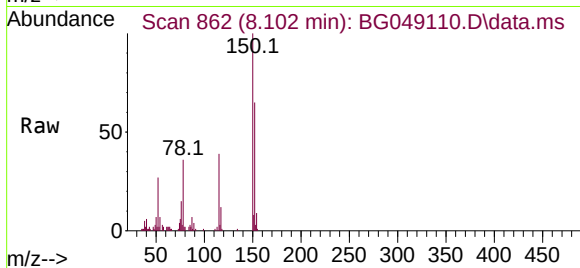
Quant Time: Jun 27 04:32:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration



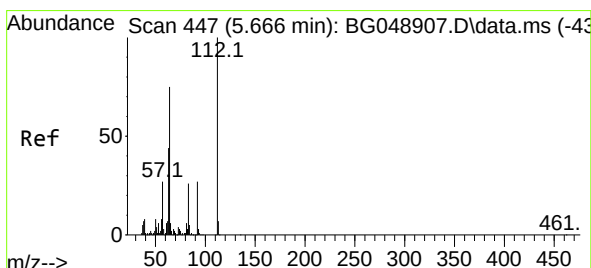
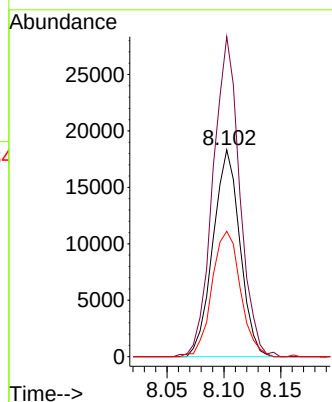
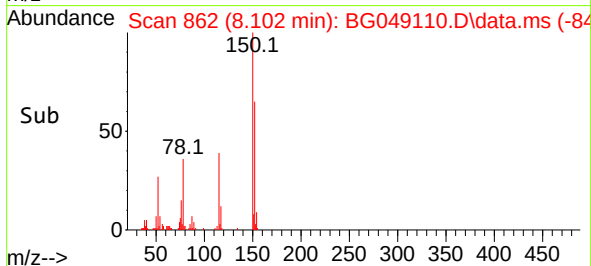


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.102 min Scan# 862
 Delta R.T. -0.003 min
 Lab File: BG049110.D
 Acq: 26 Jun 2021 15:53

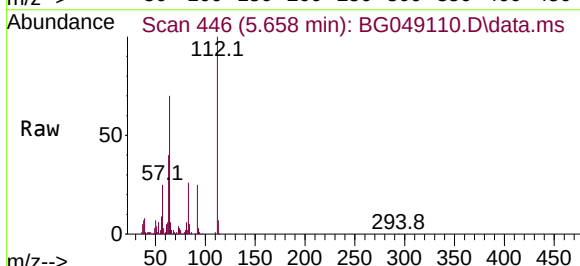
Instrument :
 BNA_G
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-08



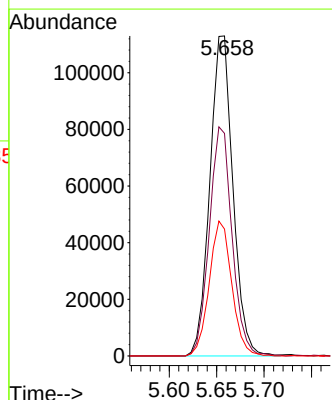
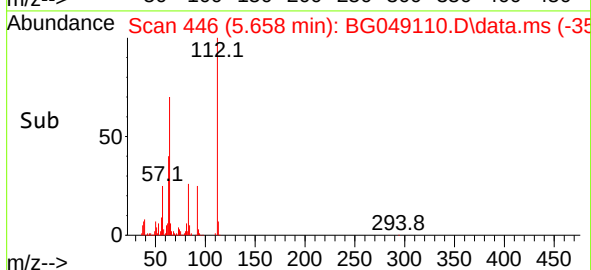
Tgt Ion:152 Resp: 30173
 Ion Ratio Lower Upper
 152 100
 150 154.7 119.4 179.0
 115 60.7 60.2 90.4

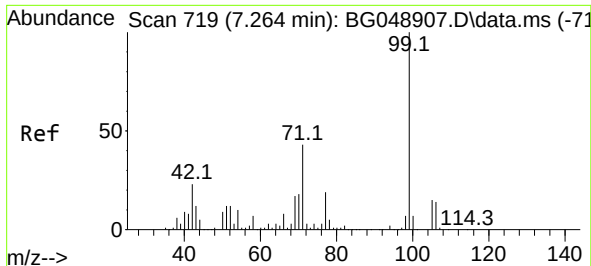


#5
 2-Fluorophenol
 Concen: 98.90 ng
 RT: 5.658 min Scan# 446
 Delta R.T. 0.003 min
 Lab File: BG049110.D
 Acq: 26 Jun 2021 15:53



Tgt Ion:112 Resp: 191695
 Ion Ratio Lower Upper
 112 100
 64 69.6 46.7 70.1
 63 39.6 35.3 52.9

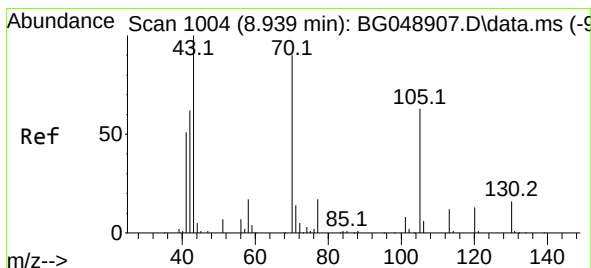
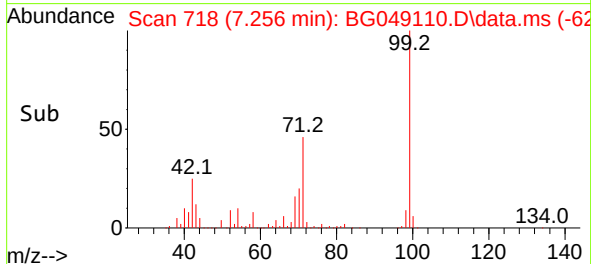
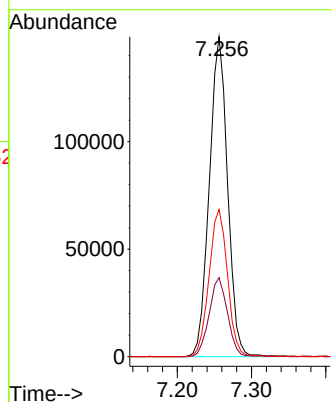
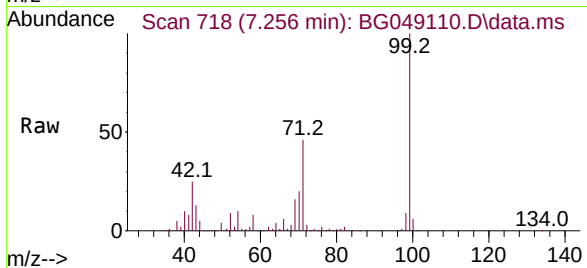




#7
Phenol-d6
Concen: 87.47 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

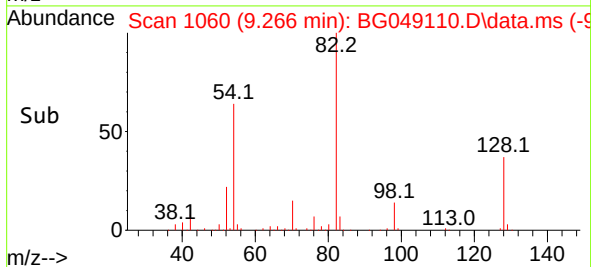
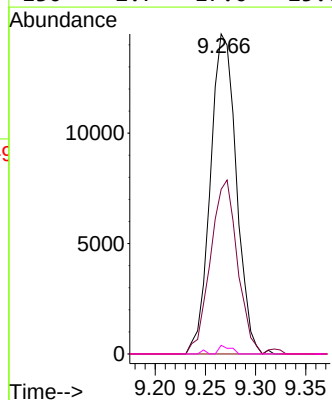
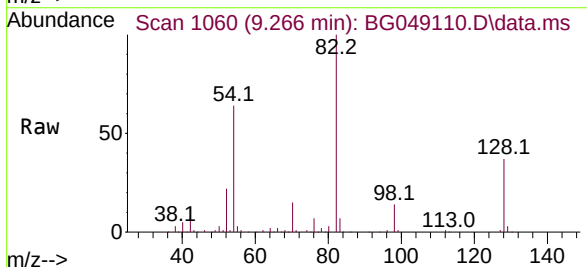
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

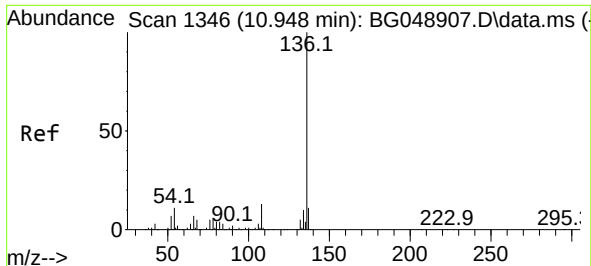
Tgt Ion: 99 Resp: 254106
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 46.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.50 ng
RT: 9.266 min Scan# 1060
Delta R.T. 0.355 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

Tgt Ion: 70 Resp: 26104
Ion Ratio Lower Upper
70 100
42 51.4 54.5 81.7#
101 0.0 9.0 13.6#
130 2.7 17.0 25.6#

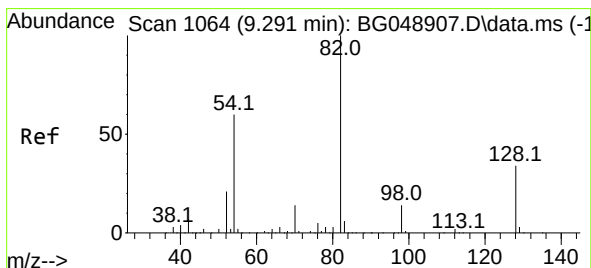
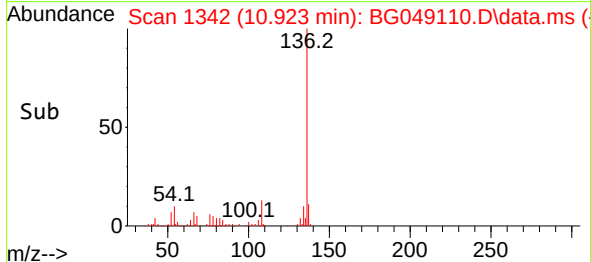
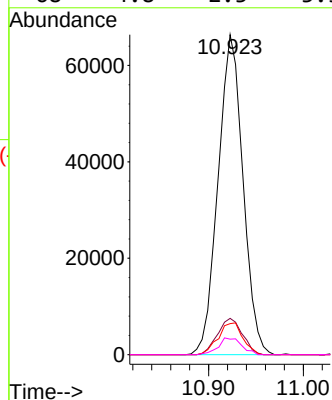
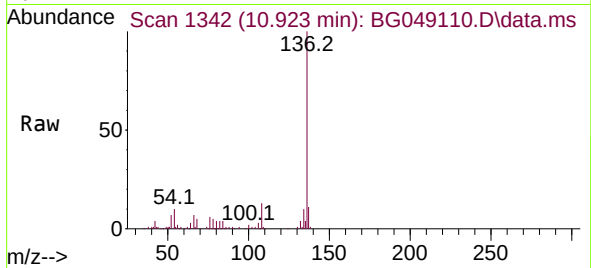




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.003 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

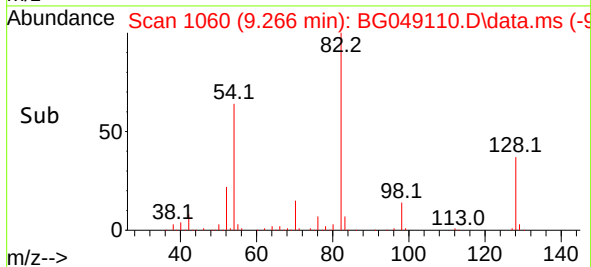
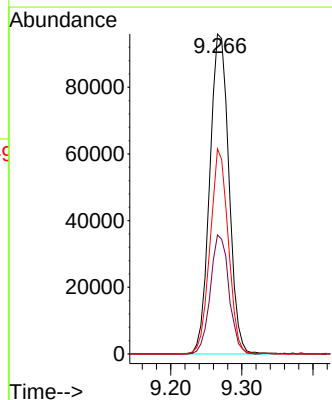
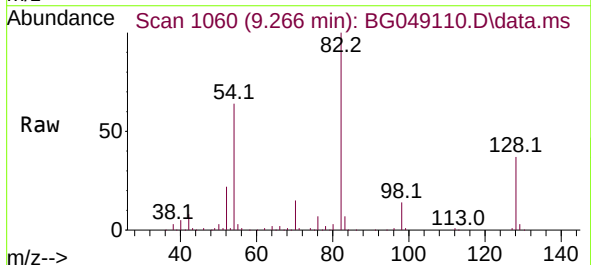
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

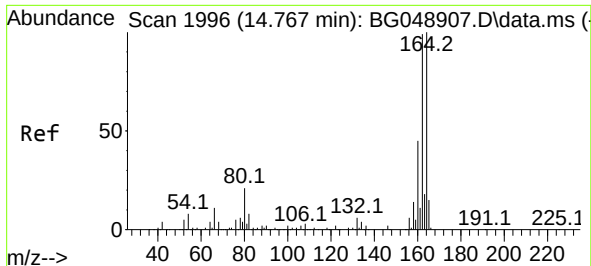
Tgt Ion:	136	Resp:	121108
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.2
54	9.7	5.5	8.3#
68	4.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 63.91 ng
RT: 9.266 min Scan# 1060
Delta R.T. -0.009 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

Tgt Ion:	82	Resp:	179489
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.8	44.6
54	64.1	45.8	68.8

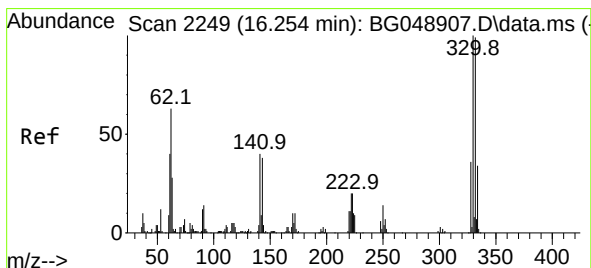
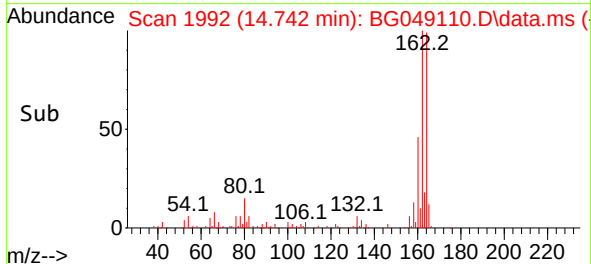
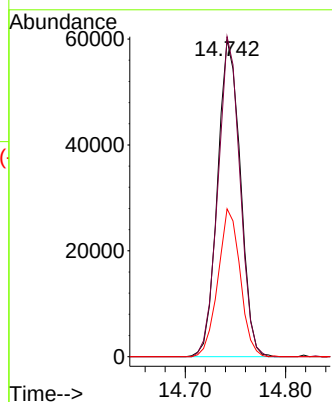
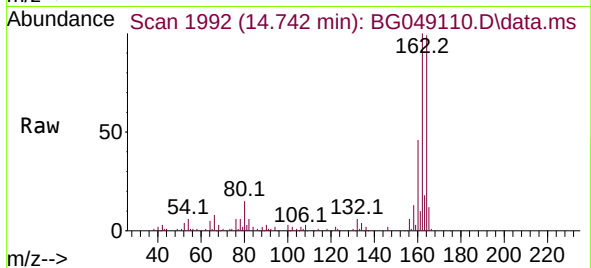




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.009 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

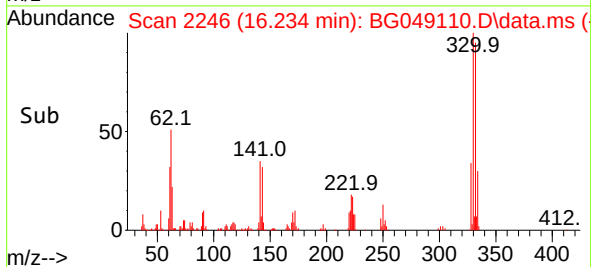
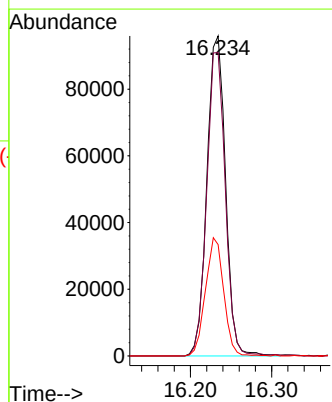
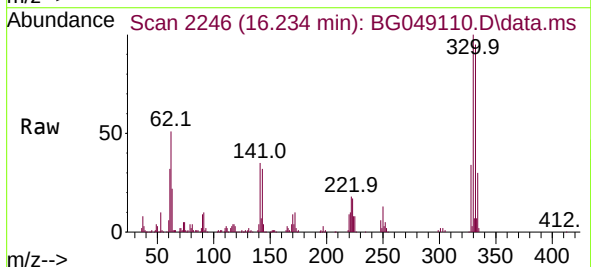
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

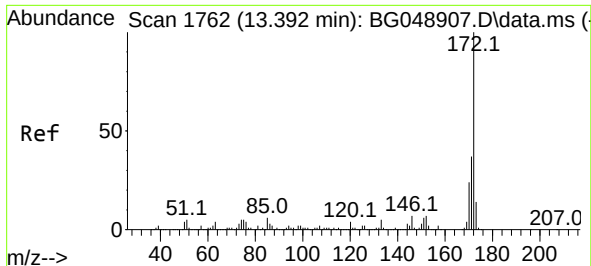
Tgt Ion:164 Resp: 94268
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 46.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 108.97 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.003 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

Tgt Ion:330 Resp: 152196
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 36.3 35.6 53.4

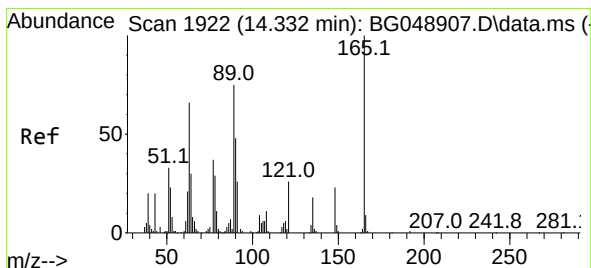
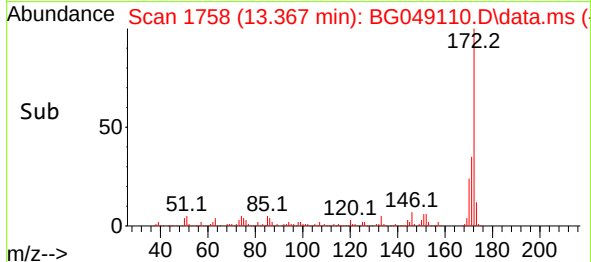
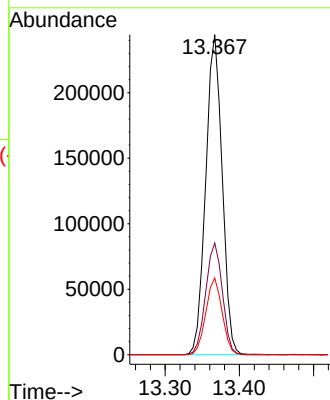
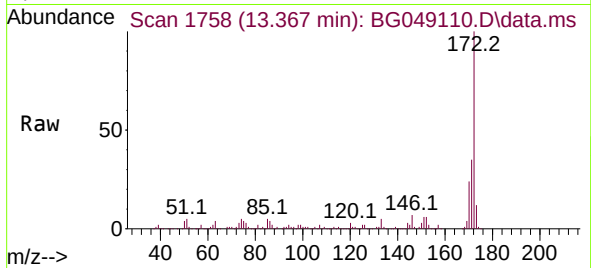




#45
2-Fluorobiphenyl
Concen: 56.39 ng
RT: 13.367 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

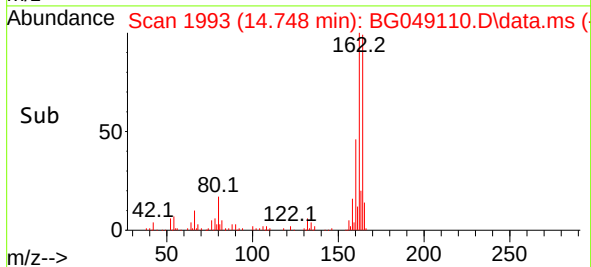
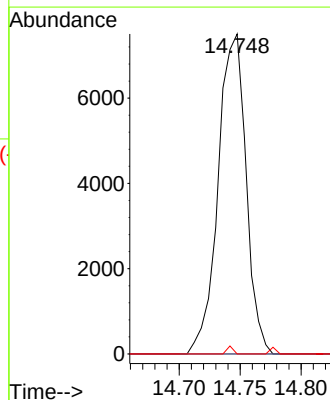
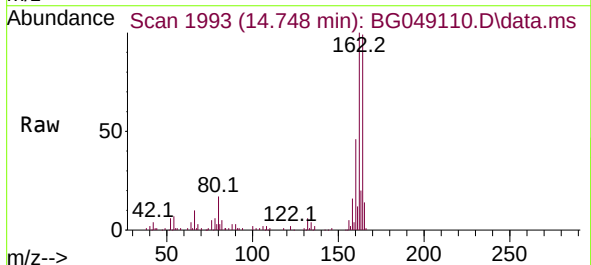
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

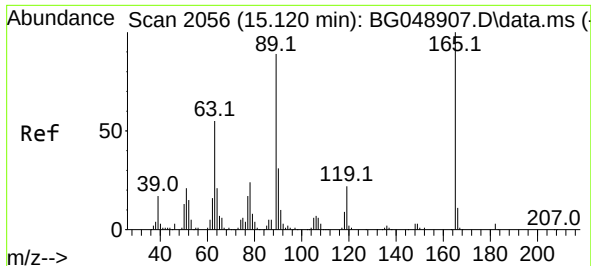
Tgt Ion:172 Resp: 376274
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 14.748 min Scan# 1993
Delta R.T. 0.432 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

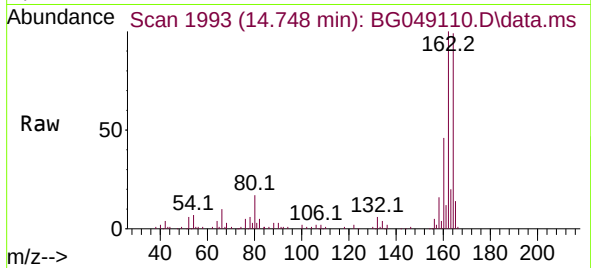
Tgt Ion:165 Resp: 11970
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



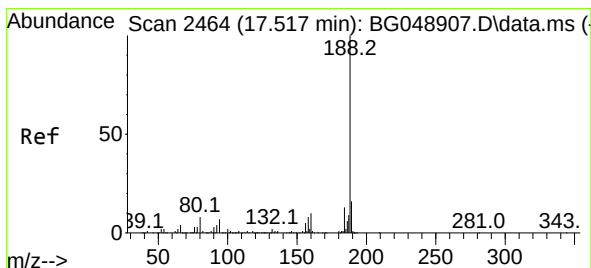
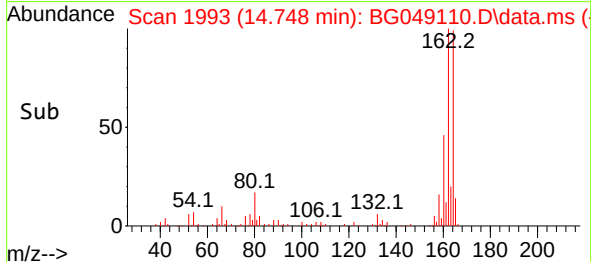
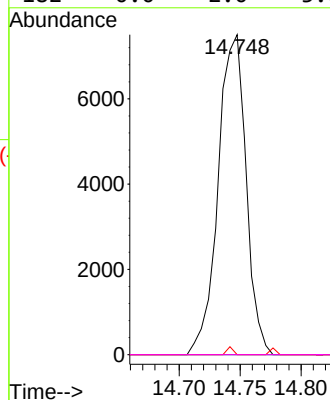


#57
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.356 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

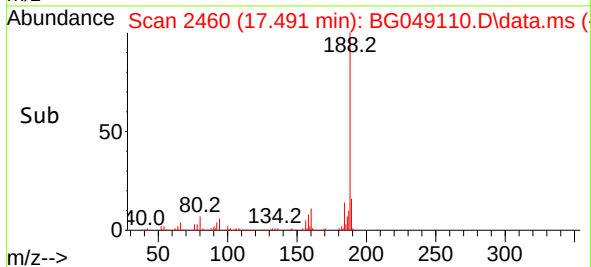
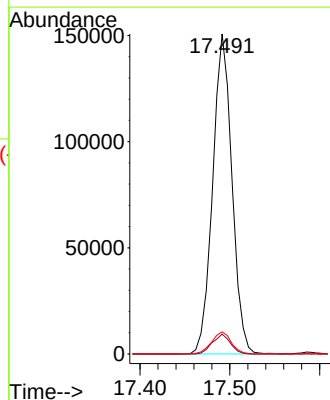
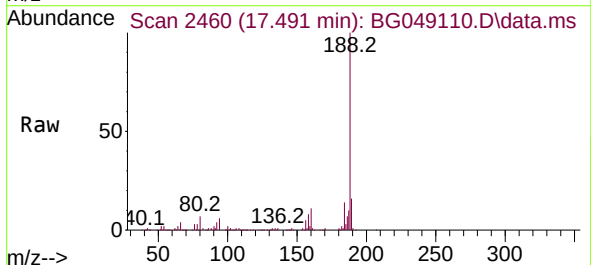


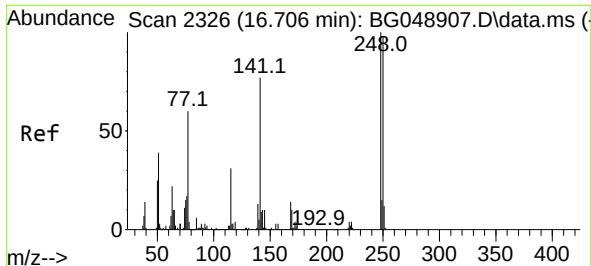
Tgt Ion:165 Resp: 11970
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

Tgt Ion:188 Resp: 224120
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 6.9 3.7 5.5#

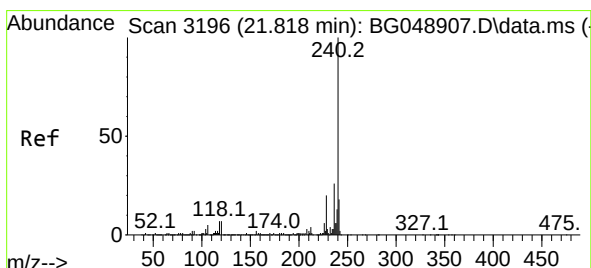
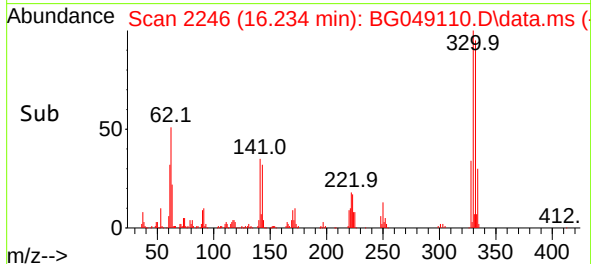
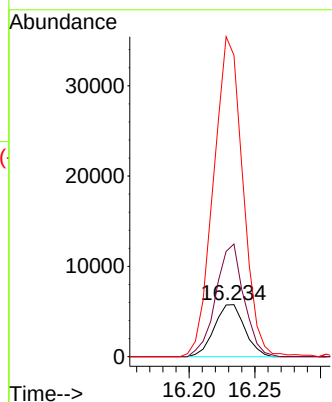
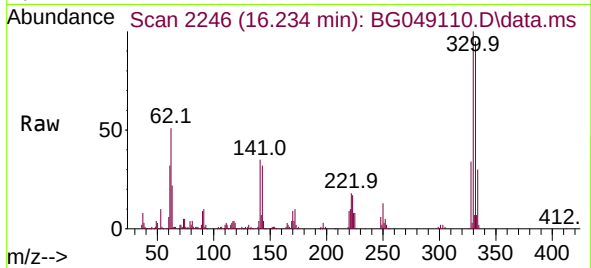




#67
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.450 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

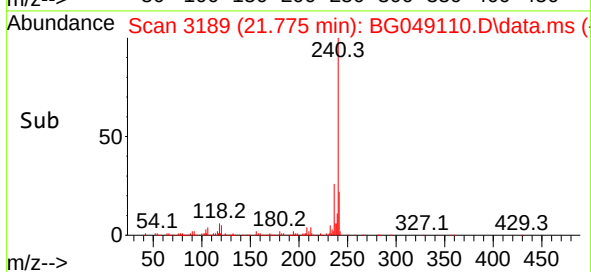
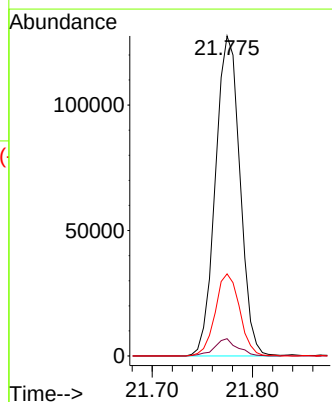
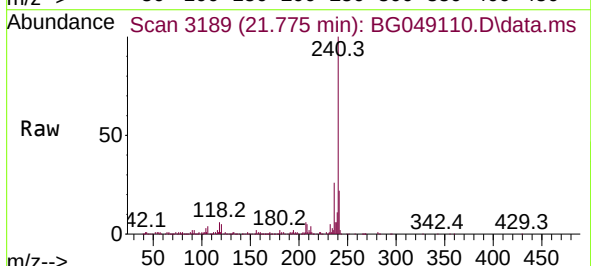
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

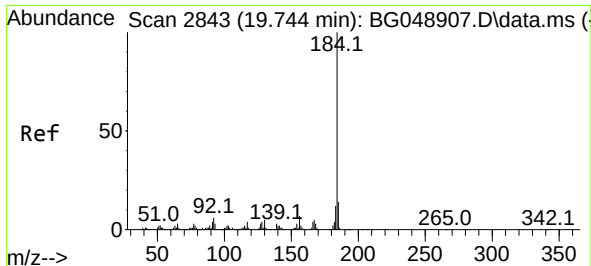
Tgt Ion:248 Resp: 9271
Ion Ratio Lower Upper
248 100
250 217.0 76.1 114.1#
141 580.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3189
Delta R.T. -0.015 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

Tgt Ion:240 Resp: 216462
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 25.6 21.8 32.6

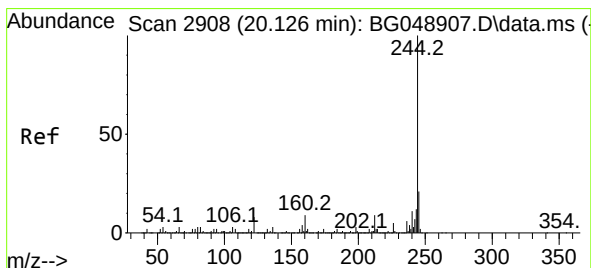
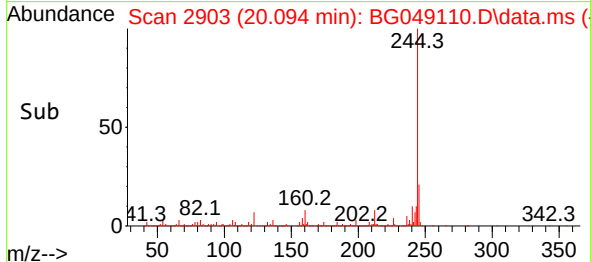
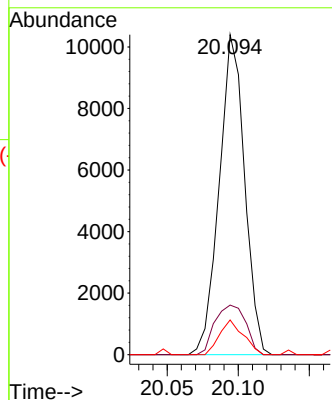
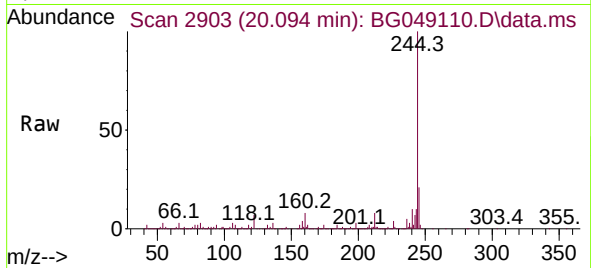




#77
Benzidine
Concen: 2.96 ng
RT: 20.094 min Scan# 2903
Delta R.T. 0.373 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

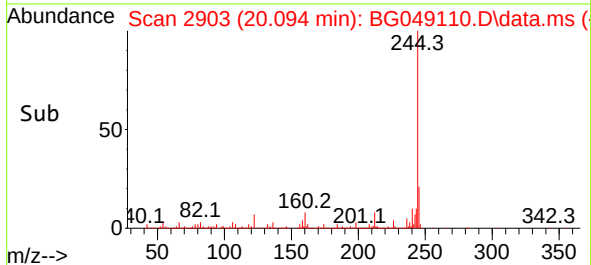
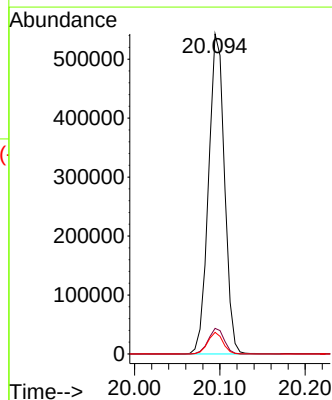
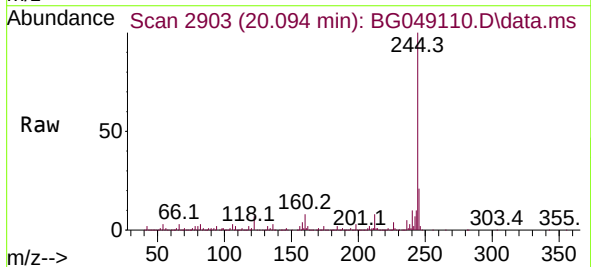
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

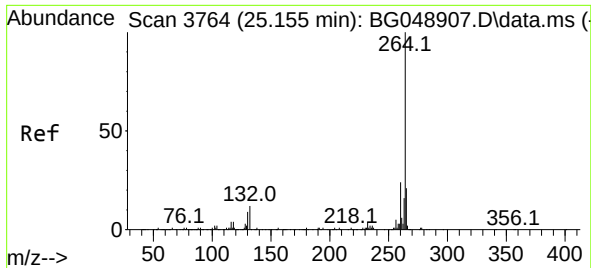
Tgt Ion:184 Resp: 12899
Ion Ratio Lower Upper
184 100
185 15.5 10.7 16.1
183 10.9 9.4 14.0



#79
Terphenyl-d14
Concen: 59.68 ng
RT: 20.094 min Scan# 2903
Delta R.T. -0.009 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

Tgt Ion:244 Resp: 705332
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.8 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.088 min Scan# 3753
Delta R.T. -0.015 min
Lab File: BG049110.D
Acq: 26 Jun 2021 15:53

Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

Tgt Ion:264 Resp: 223590

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.4	29.2
265	21.3	16.9	25.3

