

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG048996.D
 Acq On : 16 Jun 2021 12:52
 Operator : CG/JU
 Sample : M2678-10RX
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0243-AMND-COMPOSITE-HRX

Quant Time: Jun 16 13:33:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

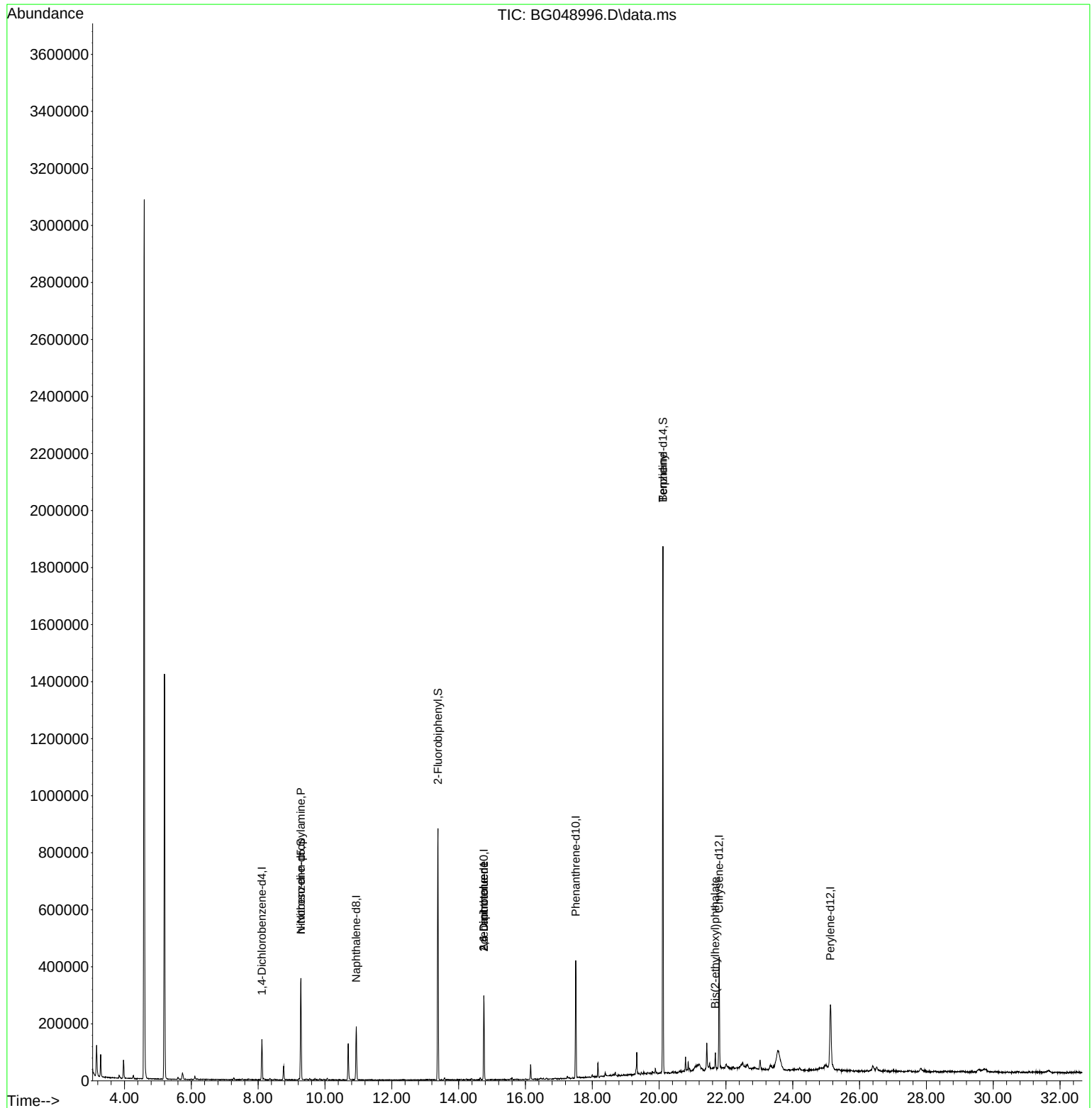
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	36452	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	141867	20.000	ng	# 0.00
39) Acenaphthene-d10	14.757	164	105163	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	256815	20.000	ng	# 0.00
76) Chrysene-d12	21.795	240	243400	20.000	ng	0.00
86) Perylene-d12	25.127	264	254444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	58	0.025	ng	0.00
7) Phenol-d6	7.265	99	2684	0.765	ng	0.00
23) Nitrobenzene-d5	9.281	82	211222	64.200	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.382	172	450581	60.527	ng	0.00
79) Terphenyl-d14	20.115	244	836053	62.907	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.281	70	30742	11.206	ng	# 77
51) 2,6-Dinitrotoluene	14.757	165	13095	7.850	ng	# 11
57) 2,4-Dinitrotoluene	14.757	165	13095	6.391	ng	# 16
77) Benzidine	20.115	184	17011	3.469	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.684	149	21087	2.219	ng	# 90

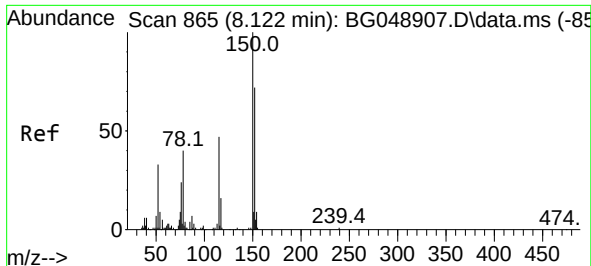
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG048996.D
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Sample : M2678-10RX
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0243-AMND-COMPOSITE-HRX

Quant Time: Jun 16 13:33:59 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

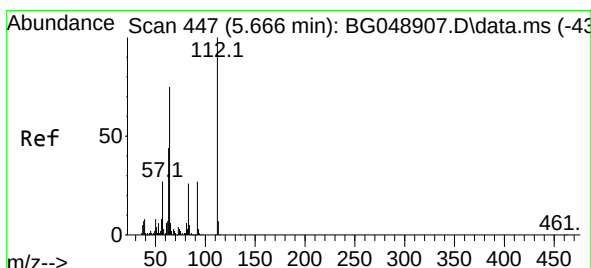
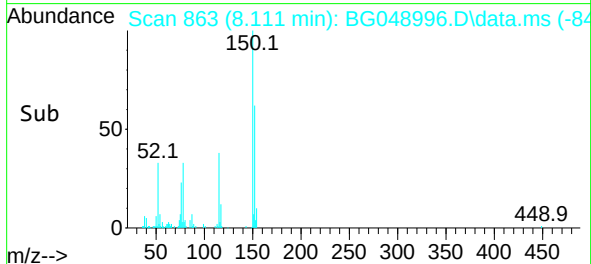
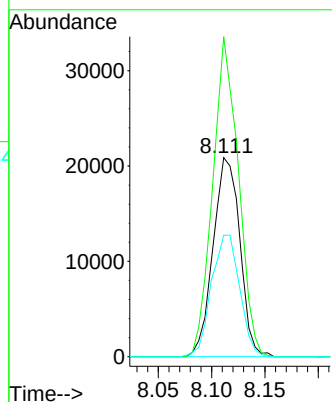
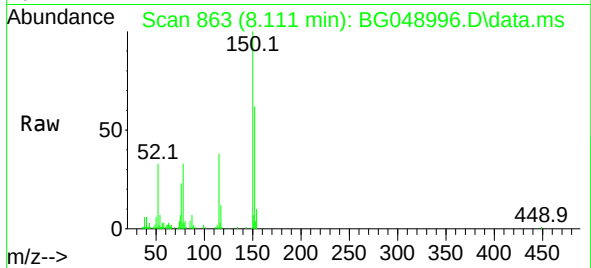




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG048996.D
Acq: 16 Jun 2021 12:52

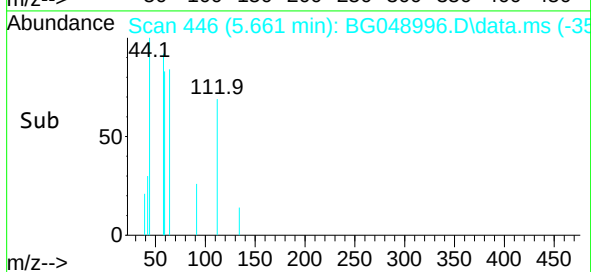
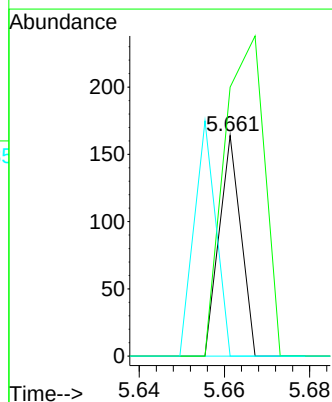
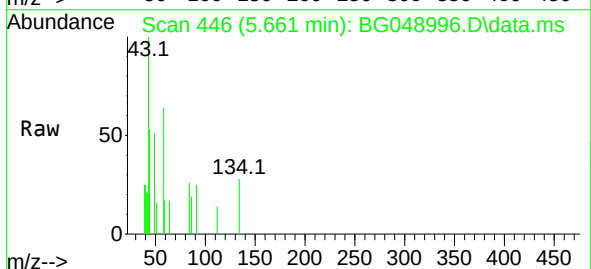
Instrument :
BNA_G
ClientSampleId :
0243-AMND-COMPOSITE-HRX

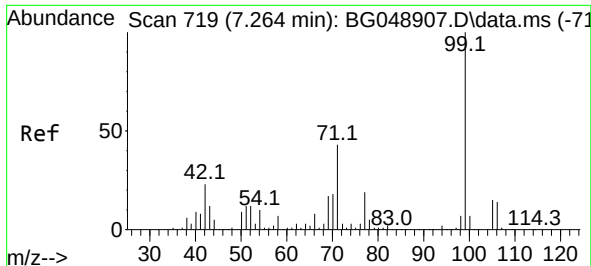
Tgt Ion:152 Resp: 36452
Ion Ratio Lower Upper
152 100
150 160.7 119.4 179.0
115 61.0 60.2 90.4



#5
2-Fluorophenol
Concen: 0.025 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.002 min
Lab File: BG048996.D
Acq: 16 Jun 2021 12:52

Tgt Ion:112 Resp: 58
Ion Ratio Lower Upper
112 100
64 122.0 46.7 70.1#
63 0.0 35.3 52.9#

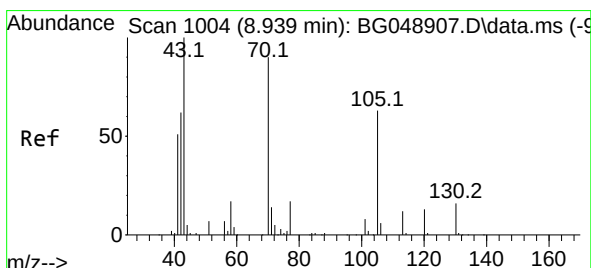
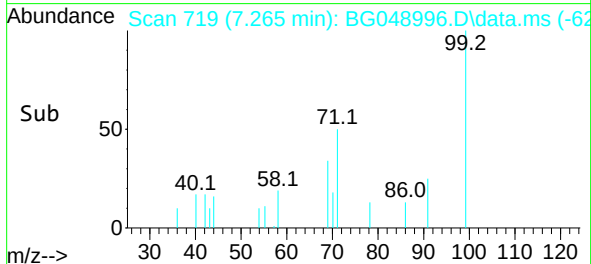
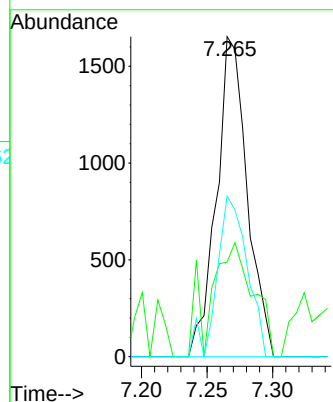
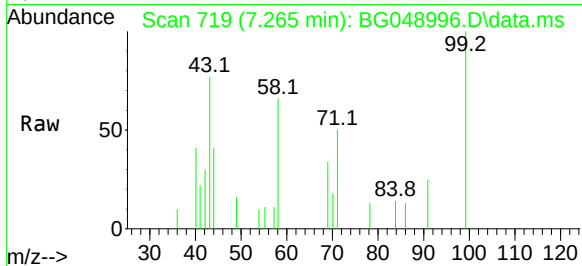




#7
Phenol-d6
Concen: 0.765 ng
RT: 7.265 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG048996.D
Acq: 16 Jun 2021 12:52

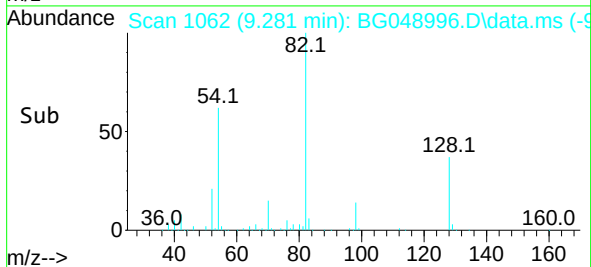
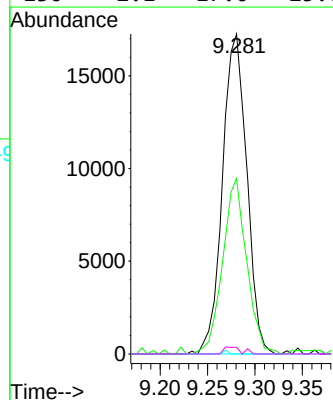
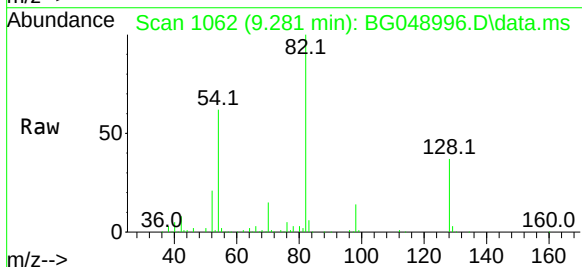
Instrument :
BNA_G
ClientSampleId :
0243-AMND-COMPOSITE-HRX

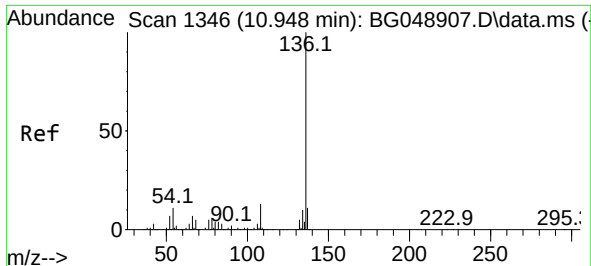
Tgt Ion:	99	Resp:	2684
Ion	Ratio	Lower	Upper
99	100		
42	29.5	20.5	30.7
71	50.2	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.206 ng
RT: 9.281 min Scan# 1062
Delta R.T. 0.356 min
Lab File: BG048996.D
Acq: 16 Jun 2021 12:52

Tgt Ion:	70	Resp:	30742
Ion	Ratio	Lower	Upper
70	100		
42	54.8	54.5	81.7
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#

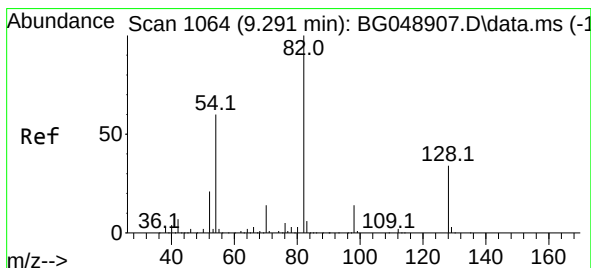
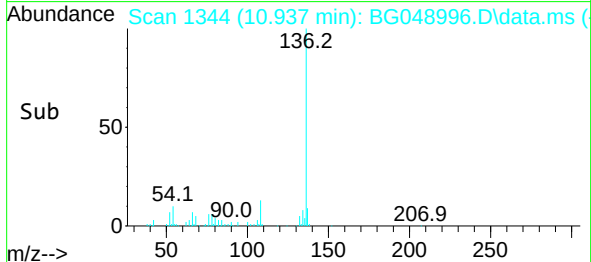
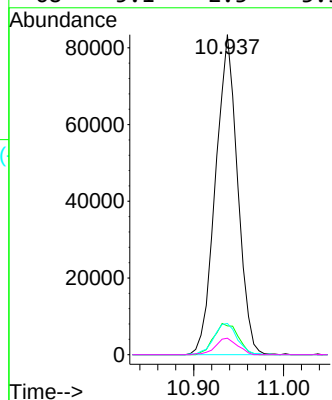
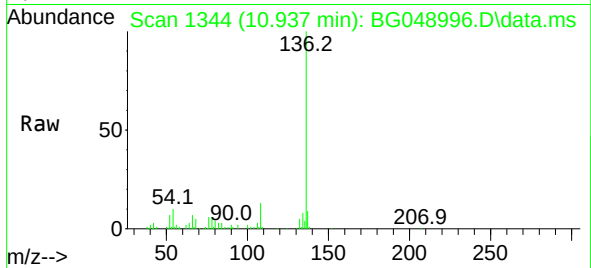




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1344
Delta R.T. -0.002 min
Lab File: BG048996.D
Acq: 16 Jun 2021 12:52

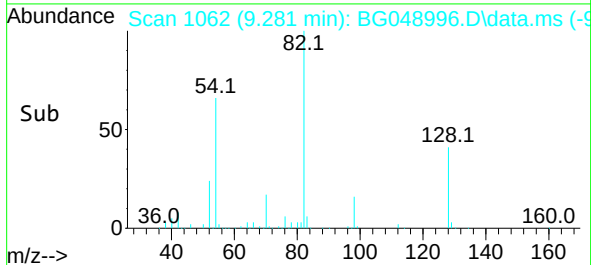
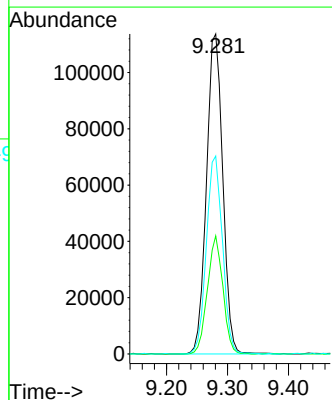
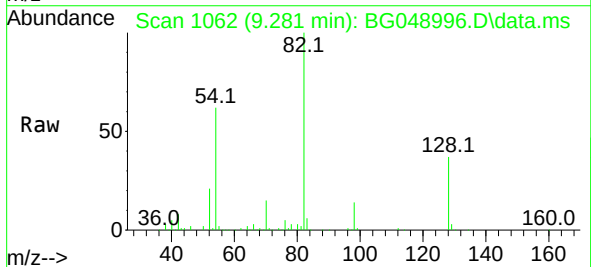
Instrument :
BNA_G
ClientSampleId :
0243-AMND-COMPOSITE-HRX

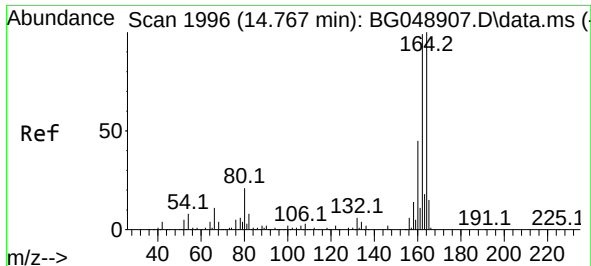
Tgt Ion:136	Resp:	141867
Ion Ratio	Lower	Upper
136	100	
137	9.0	8.2 12.2
54	9.8	5.5 8.3#
68	5.1	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 64.200 ng
RT: 9.281 min Scan# 1062
Delta R.T. -0.002 min
Lab File: BG048996.D
Acq: 16 Jun 2021 12:52

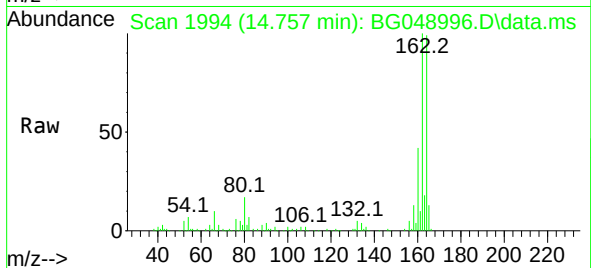
Tgt Ion: 82	Resp:	211222
Ion Ratio	Lower	Upper
82	100	
128	36.9	29.8 44.6
54	61.9	45.8 68.8



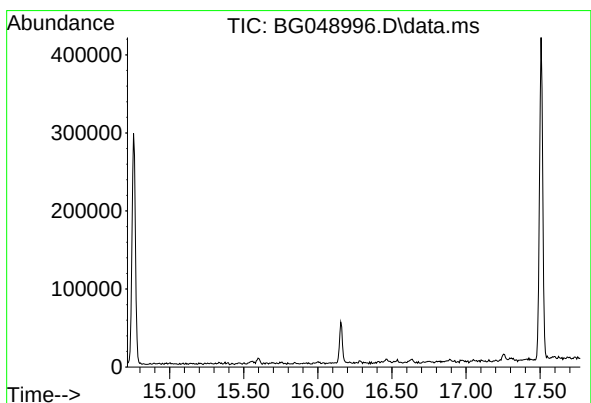
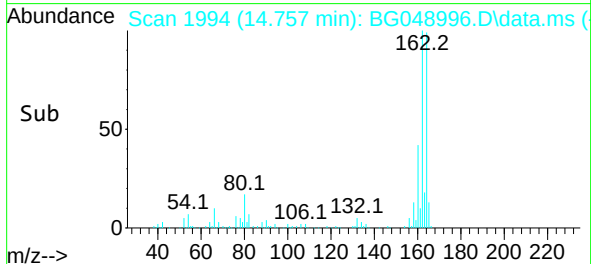
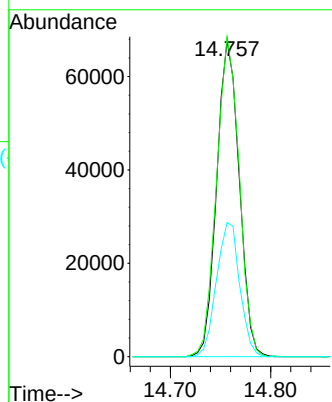


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.757 min Scan# 1994
 Delta R.T. -0.002 min
 Lab File: BG048996.D
 Acq: 16 Jun 2021 12:52

Instrument :
 BNA_G
 ClientSampleId :
 0243-AMND-COMPOSITE-HRX



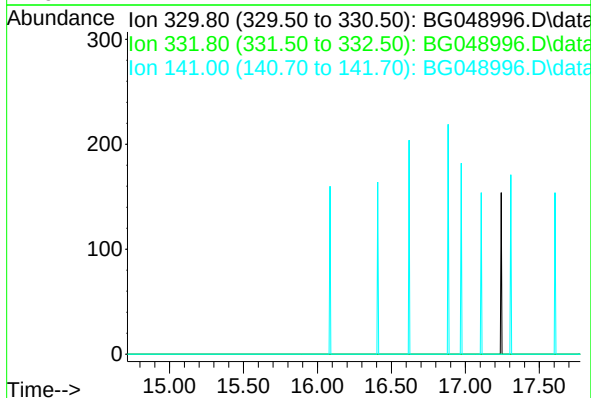
Tgt Ion:164 Resp: 105163
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.4 122.0
 160 42.5 34.9 52.3

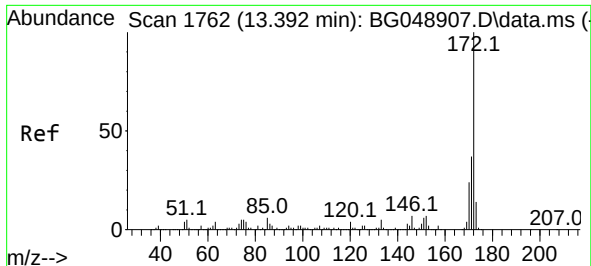


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.25 min

Lab File: BG048996.D
 Acq: 16 Jun 2021 12:52

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 44.5

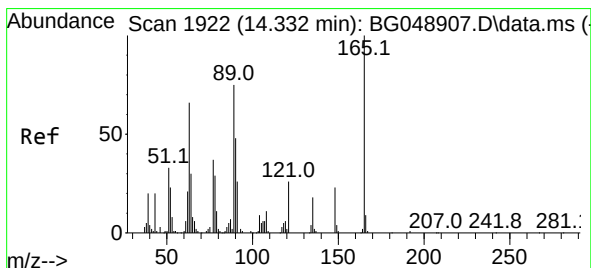
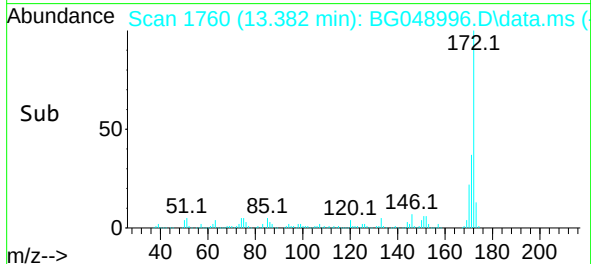
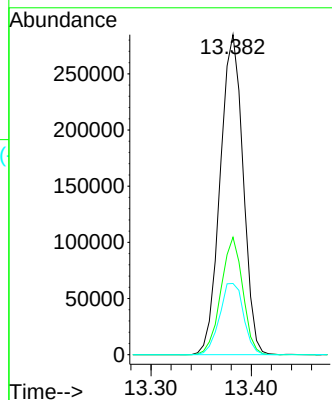
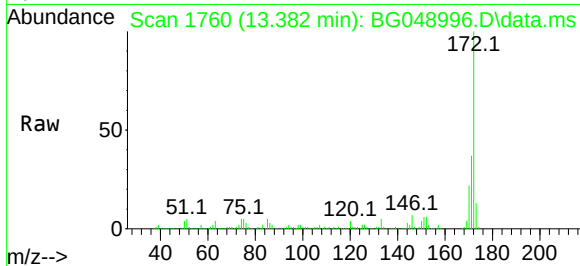




#45
2-Fluorobiphenyl
Concen: 60.527 ng
RT: 13.382 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BG048996.D
Acq: 16 Jun 2021 12:52

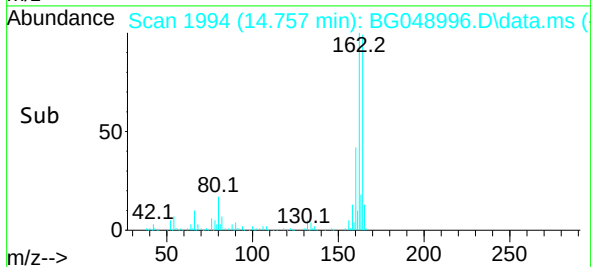
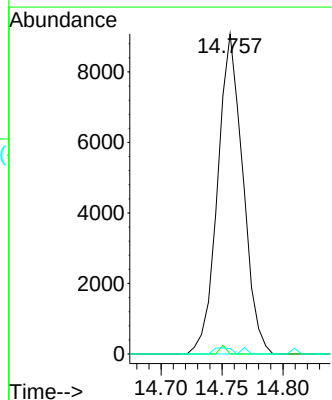
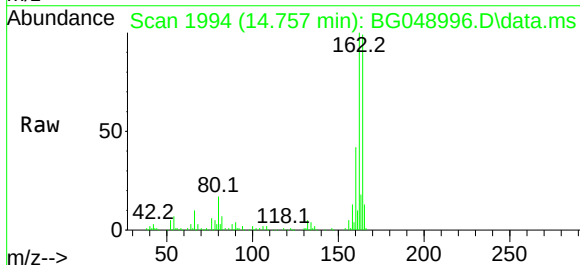
Instrument :
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ClientSampleId :
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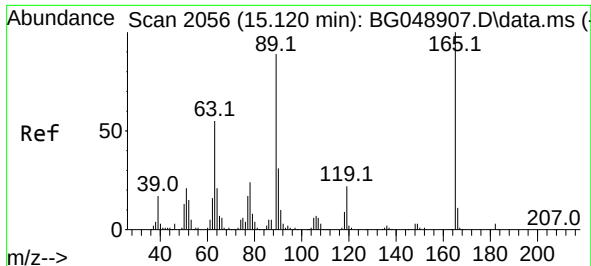
Tgt Ion:172	Resp:	450581
Ion Ratio	Lower	Upper
172	100	
171	36.7	28.6 43.0
170	22.3	18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.850 ng
RT: 14.757 min Scan# 1994
Delta R.T. 0.433 min
Lab File: BG048996.D
Acq: 16 Jun 2021 12:52

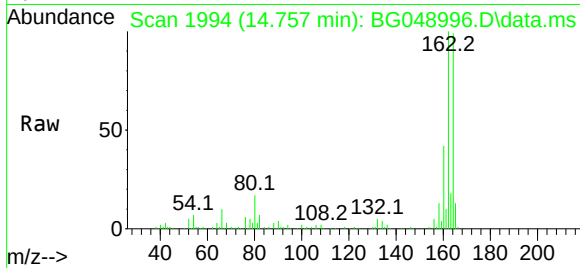
Tgt Ion:165	Resp:	13095
Ion Ratio	Lower	Upper
165	100	
63	0.0	63.3 94.9#
89	1.7	63.4 95.0#



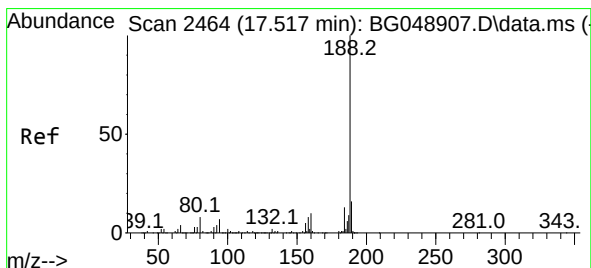
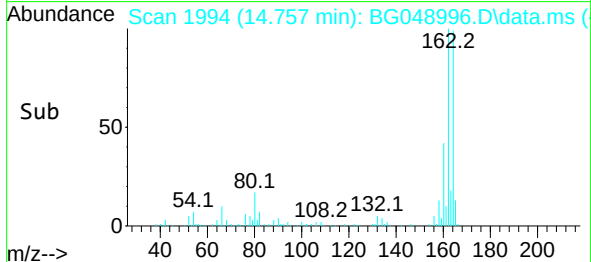
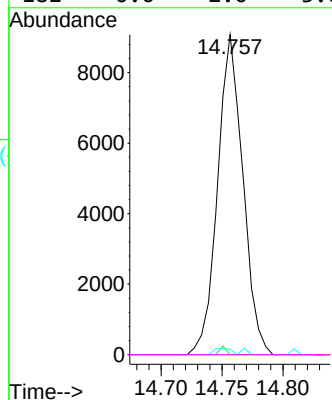


#57
2,4-Dinitrotoluene
Concen: 6.391 ng
RT: 14.757 min Scan# 1994
Delta R.T. -0.355 min
Lab File: BG048996.D
Acq: 16 Jun 2021 12:52

Instrument :
BNA_G
ClientSampleId :
0243-AMND-COMPOSITE-HRX

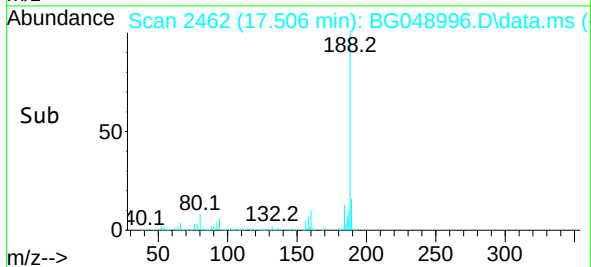
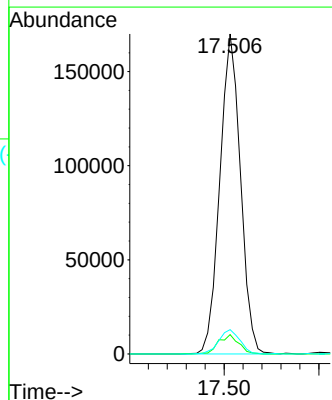
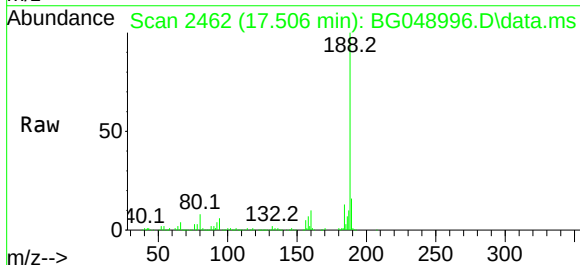


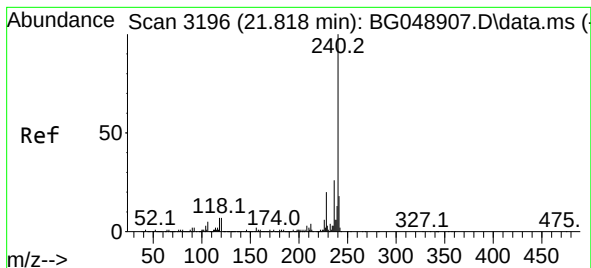
Tgt Ion:165 Resp: 13095
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 1.7 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2462
Delta R.T. -0.002 min
Lab File: BG048996.D
Acq: 16 Jun 2021 12:52

Tgt Ion:188 Resp: 256815
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 7.6 3.7 5.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.795 min Scan# 3192

Delta R.T. -0.002 min

Lab File: BG048996.D

Acq: 16 Jun 2021 12:52

Tgt Ion:240 Resp: 243400

Ion Ratio Lower Upper

240 100

120 5.6 4.2 6.2

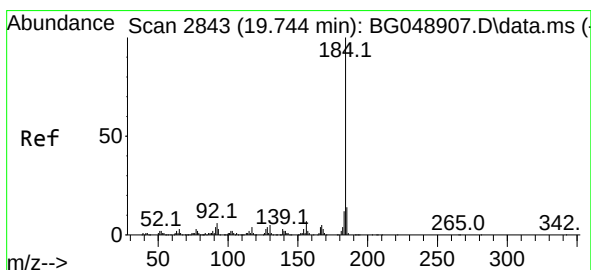
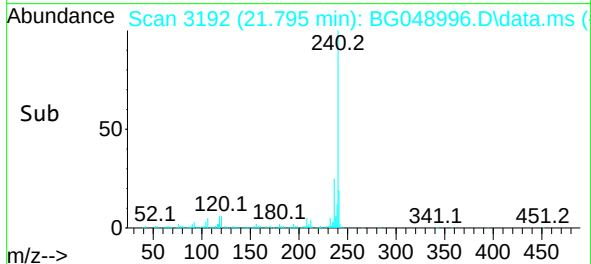
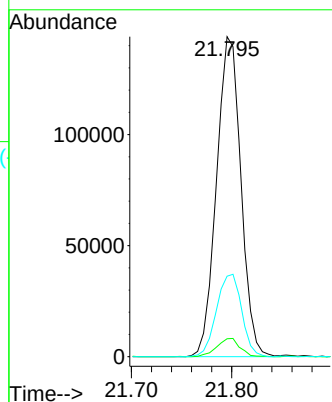
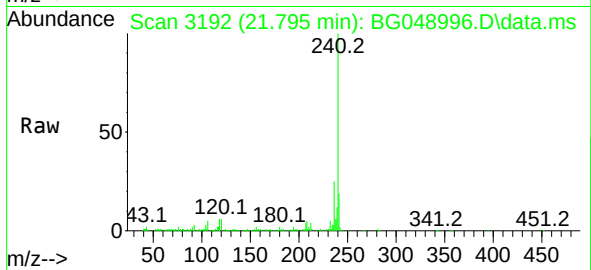
236 25.2 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

0243-AMND-COMPOSITE-HRX



#77

Benzidine

Concen: 3.469 ng

RT: 20.115 min Scan# 2906

Delta R.T. 0.386 min

Lab File: BG048996.D

Acq: 16 Jun 2021 12:52

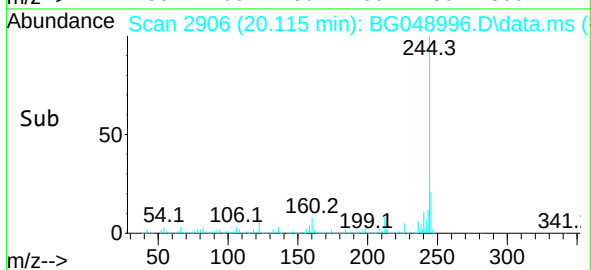
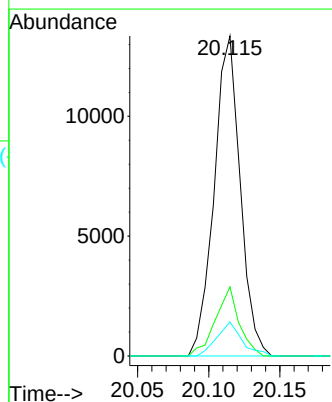
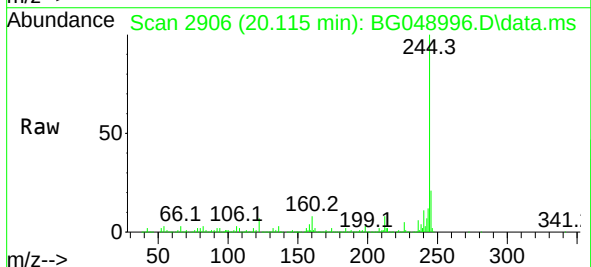
Tgt Ion:184 Resp: 17011

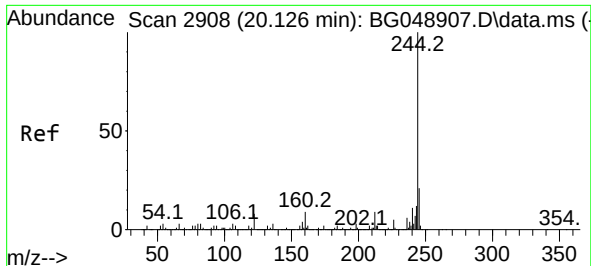
Ion Ratio Lower Upper

184 100

185 21.6 10.7 16.1#

183 10.6 9.4 14.0

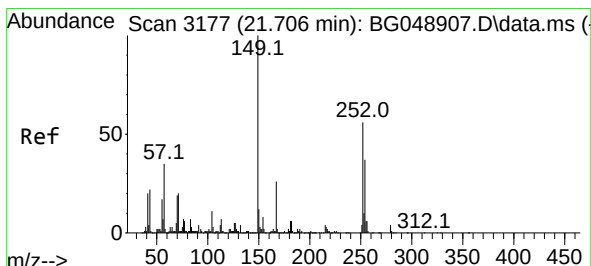
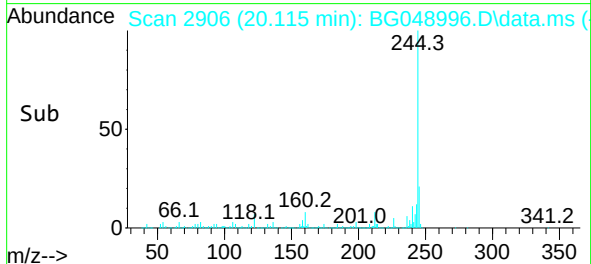
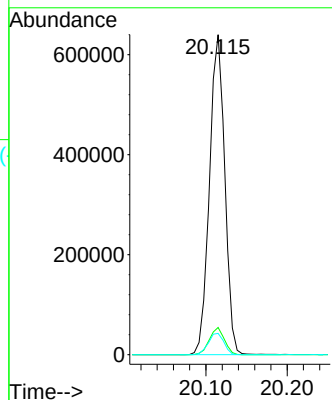
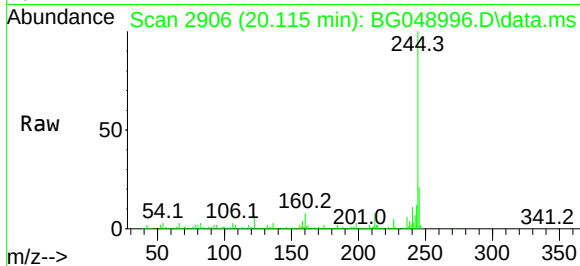




#79
 Terphenyl-d14
 Concen: 62.907 ng
 RT: 20.115 min Scan# 2906
 Delta R.T. 0.004 min
 Lab File: BG048996.D
 Acq: 16 Jun 2021 12:52

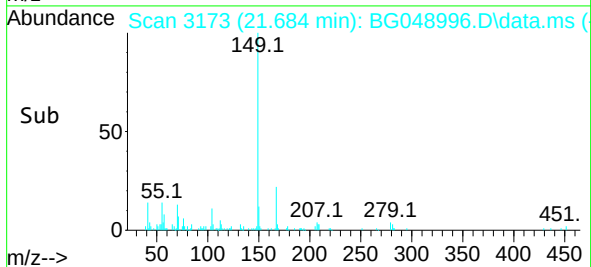
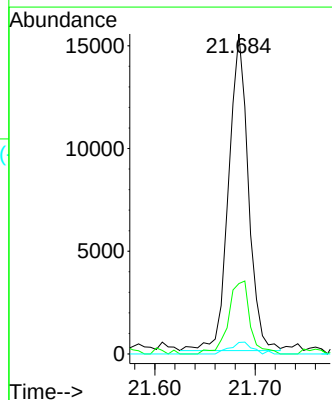
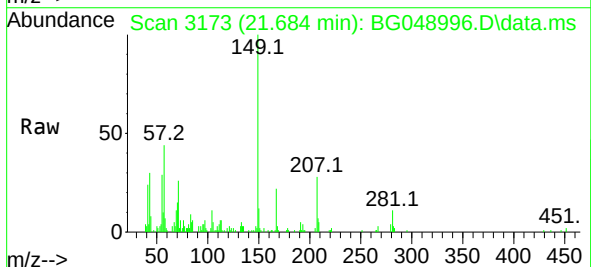
Instrument :
 BNA_G
 ClientSampleId :
 0243-AMND-COMPOSITE-HRX

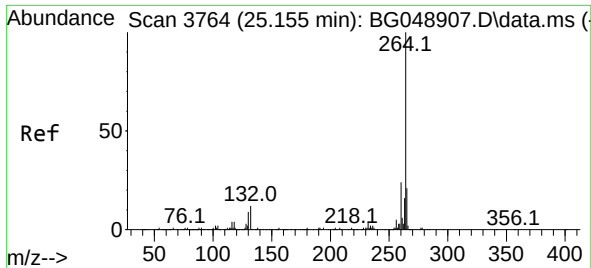
Tgt Ion:244 Resp: 836053
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 6.7 5.0 7.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.219 ng
 RT: 21.684 min Scan# 3173
 Delta R.T. -0.002 min
 Lab File: BG048996.D
 Acq: 16 Jun 2021 12:52

Tgt Ion:149 Resp: 21087
 Ion Ratio Lower Upper
 149 100
 167 22.0 22.3 33.5#
 279 3.6 3.8 5.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.127 min Scan# 3759
 Delta R.T. -0.002 min
 Lab File: BG048996.D
 Acq: 16 Jun 2021 12:52

Instrument :
 BNA_G
 ClientSampleId :
 0243-AMND-COMPOSITE-HRX

Tgt Ion:264 Resp: 254444
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 20.7 16.9 25.3

