

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG049004.D
 Acq On : 16 Jun 2021 19:18
 Operator : CG/JU
 Sample : M2672-29
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(40-44)

Quant Time: Jun 17 03:31:58 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)

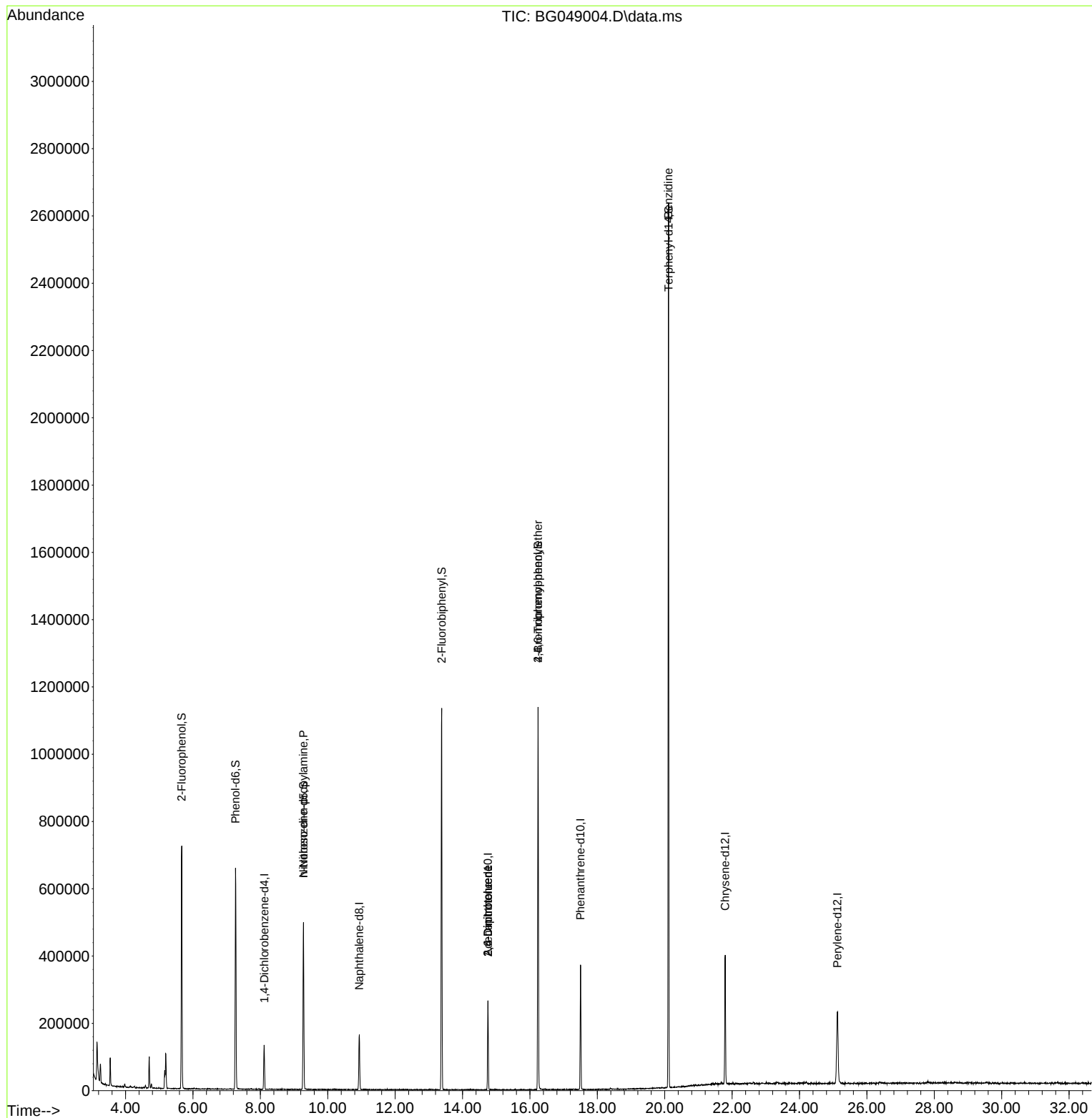
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	33645	20.00	ng	0.00
21) Naphthalene-d8	10.937	136	132022	20.00	ng	# 0.00
39) Acenaphthene-d10	14.756	164	95043	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	238477	20.00	ng	# 0.00
76) Chrysene-d12	21.795	240	250521	20.00	ng	0.00
86) Perylene-d12	25.120	264	253289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	273571	126.58	ng	0.00
7) Phenol-d6	7.265	99	329302	101.65	ng	0.00
23) Nitrobenzene-d5	9.280	82	283847	92.71	ng	0.00
42) 2,4,6-Tribromophenol	16.242	330	205245	145.76	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	573544	85.25	ng	0.00
79) Terphenyl-d14	20.114	244	1208878	88.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.280	70	41833	16.52	ng	# 77
51) 2,6-Dinitrotoluene	14.756	165	12918	8.57	ng	# 13
57) 2,4-Dinitrotoluene	14.756	165	12918	6.98	ng	# 18
67) 4-Bromophenyl-phenylether	16.242	248	13819	4.64	ng	# 1
77) Benzidine	20.109	184	23752	4.71	ng	# 91

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

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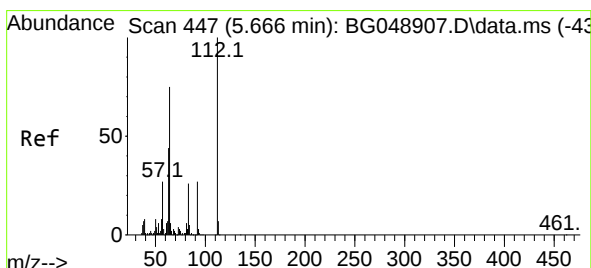
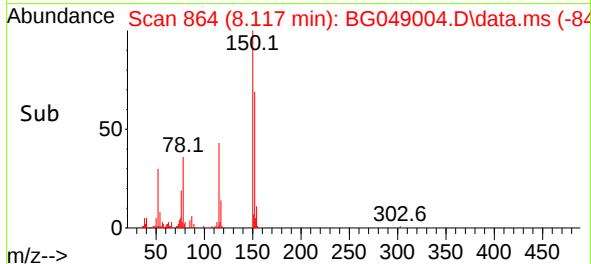
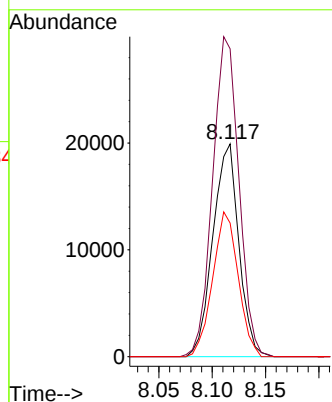
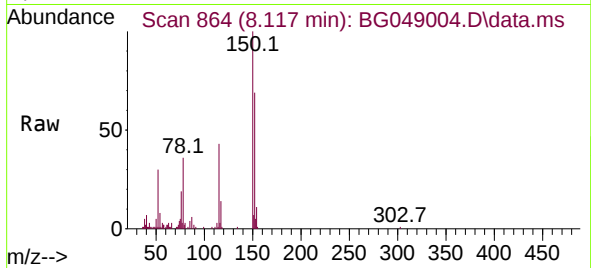




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.117 min Scan# 864
Delta R.T. 0.003 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

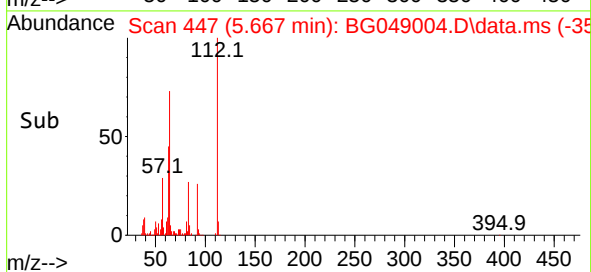
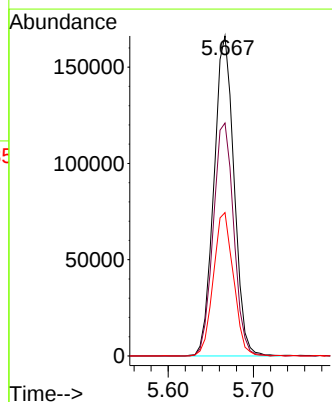
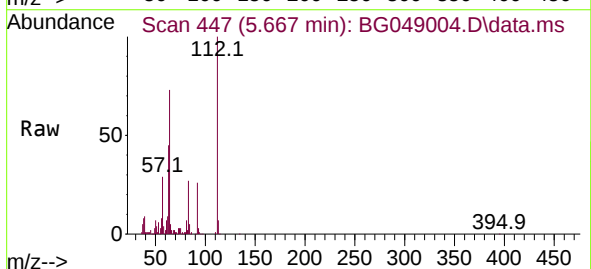
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

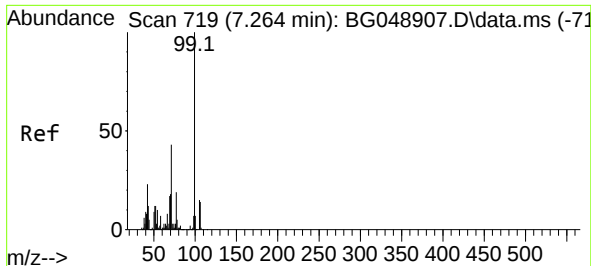
Tgt Ion:152 Resp: 33645
Ion Ratio Lower Upper
152 100
150 144.6 119.4 179.0
115 62.8 60.2 90.4



#5
2-Fluorophenol
Concen: 126.58 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.003 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

Tgt Ion:112 Resp: 273571
Ion Ratio Lower Upper
112 100
64 72.8 46.7 70.1#
63 44.8 35.3 52.9

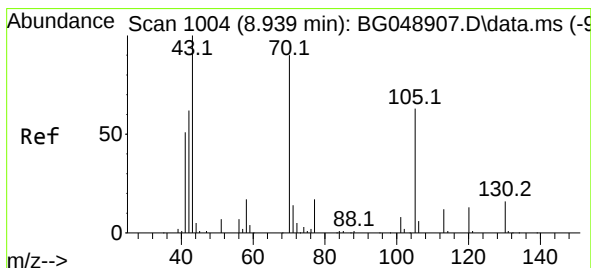
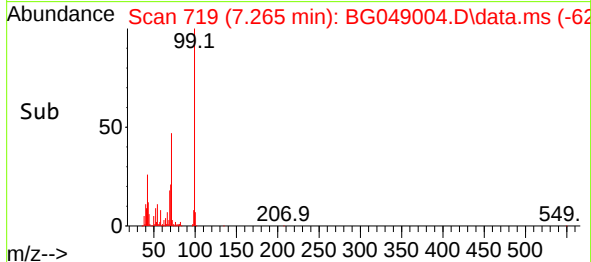
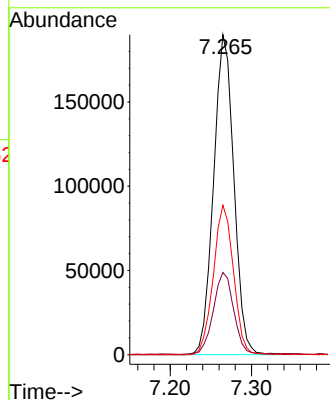
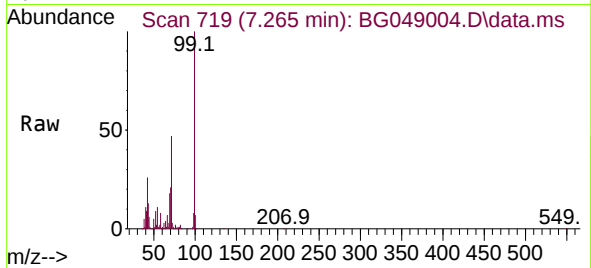




#7
Phenol-d6
Concen: 101.65 ng
RT: 7.265 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

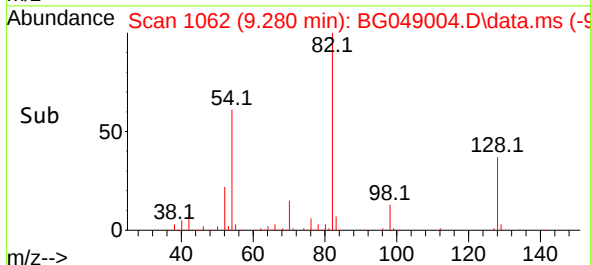
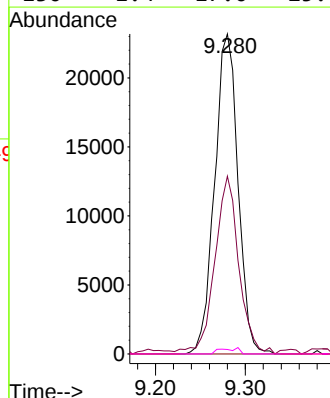
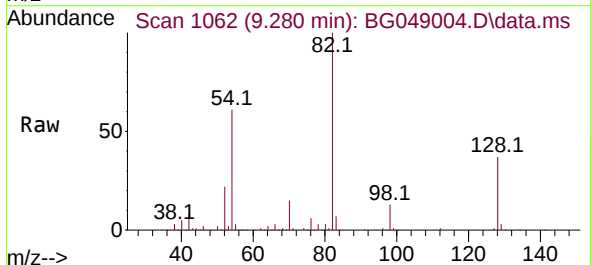
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

Tgt Ion: 99 Resp: 329302
Ion Ratio Lower Upper
99 100
42 25.7 20.5 30.7
71 46.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.52 ng
RT: 9.280 min Scan# 1062
Delta R.T. 0.356 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

Tgt Ion: 70 Resp: 41833
Ion Ratio Lower Upper
70 100
42 55.6 54.5 81.7
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

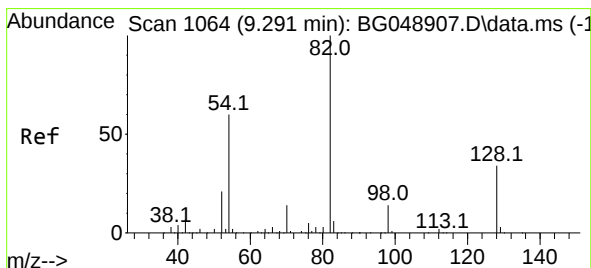
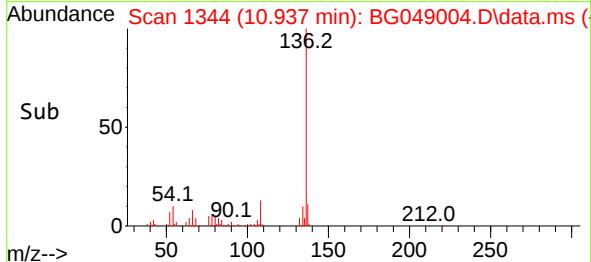
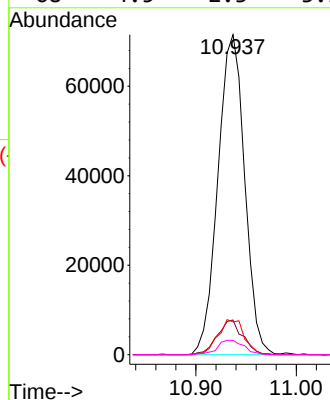
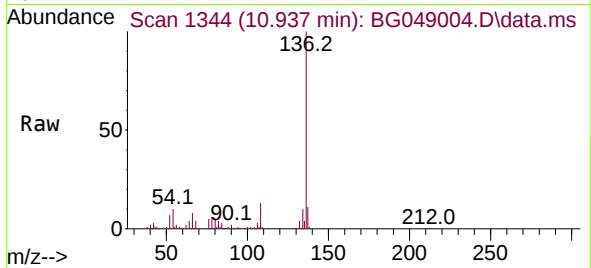




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.937 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

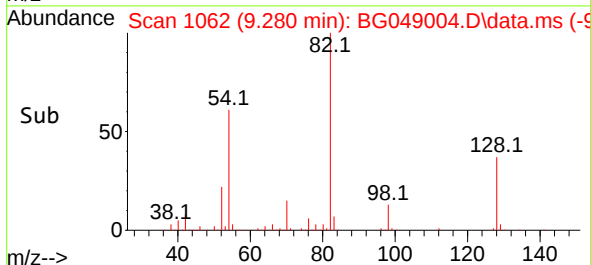
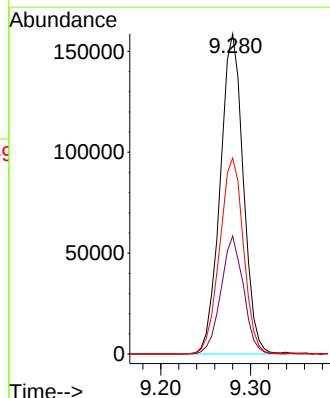
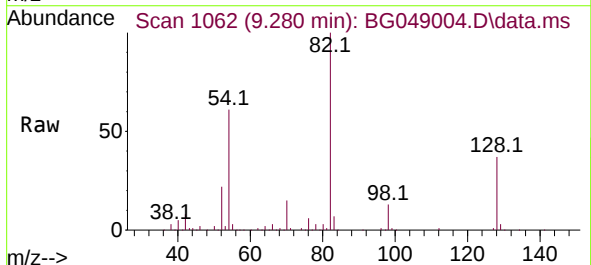
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

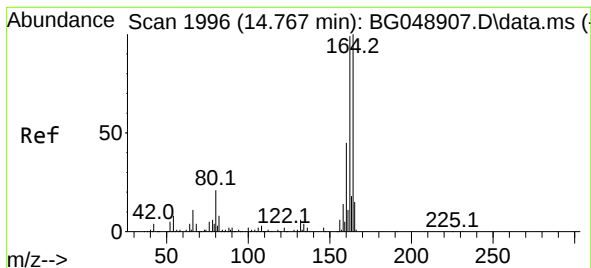
Tgt Ion:136	Resp:	132022
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.2 12.2
54	10.3	5.5 8.3#
68	4.5	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 92.71 ng
RT: 9.280 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

Tgt Ion: 82	Resp:	283847
Ion Ratio	Lower	Upper
82	100	
128	36.9	29.8 44.6
54	61.2	45.8 68.8

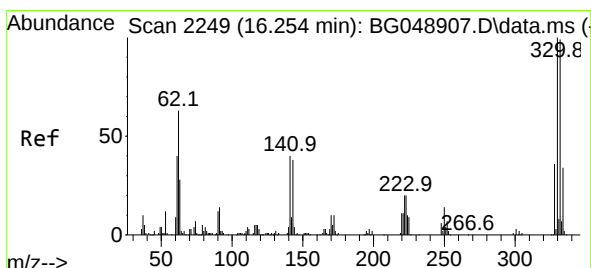
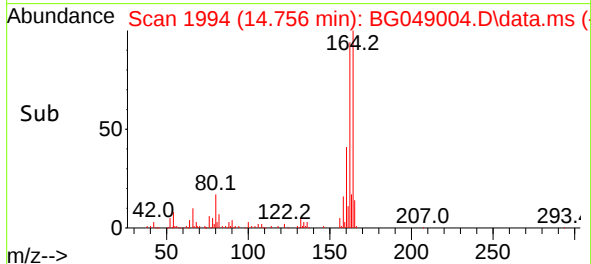
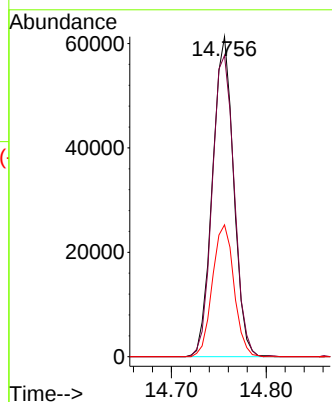
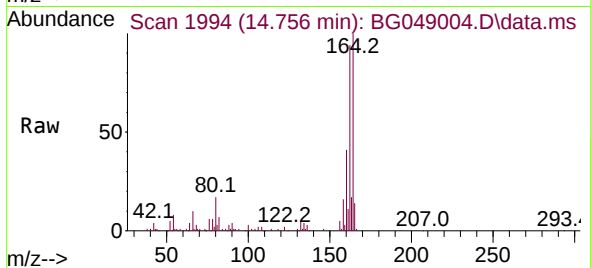




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.003 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

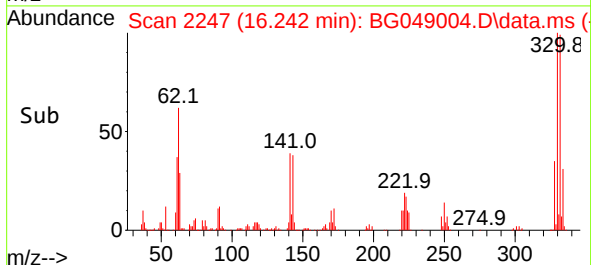
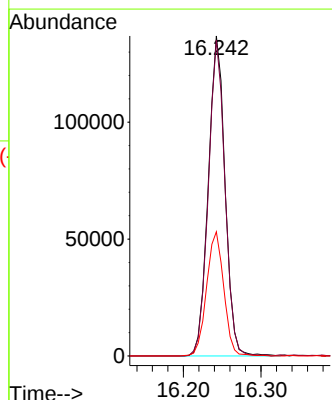
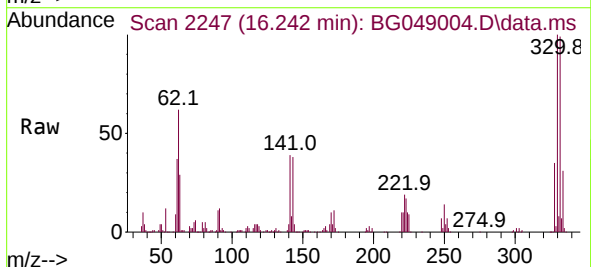
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

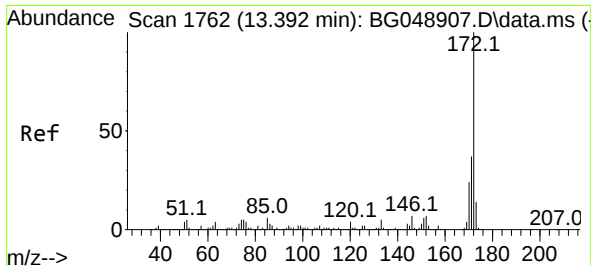
Tgt Ion:164	Resp:	95043
Ion Ratio	Lower	Upper
164	100	
162	94.1	81.4 122.0
160	41.2	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 145.76 ng
RT: 16.242 min Scan# 2247
Delta R.T. -0.003 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

Tgt Ion:330	Resp:	205245
Ion Ratio	Lower	Upper
330	100	
332	97.6	77.3 115.9
141	39.8	35.6 53.4

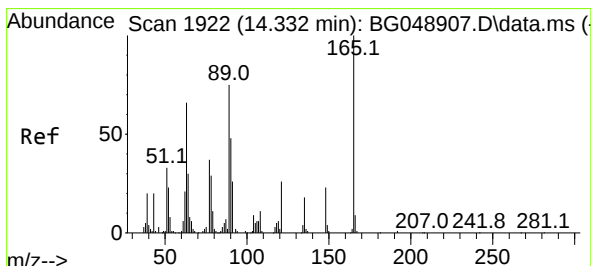
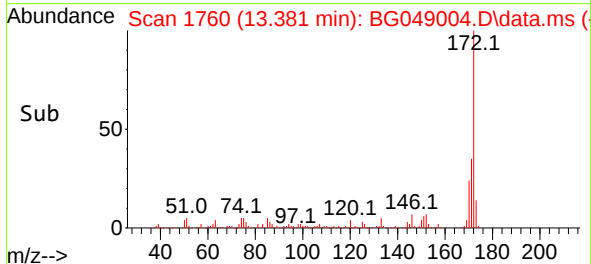
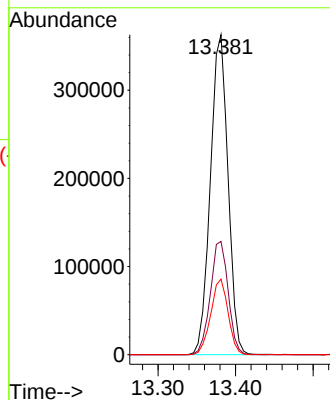
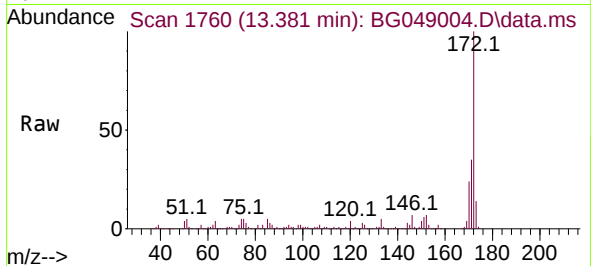




#45
2-Fluorobiphenyl
Concen: 85.25 ng
RT: 13.381 min Scan# 1760
Delta R.T. -0.003 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

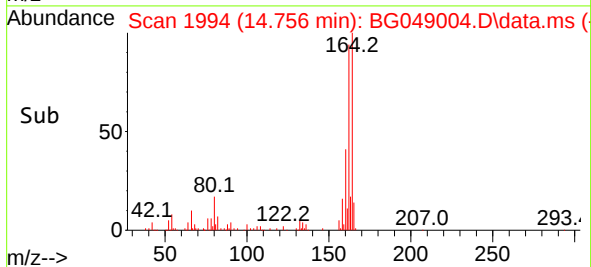
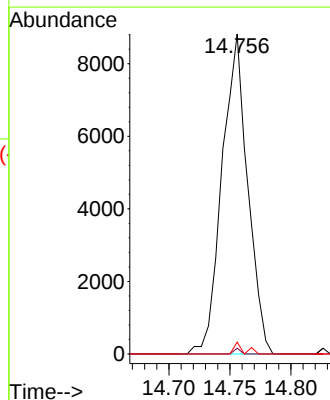
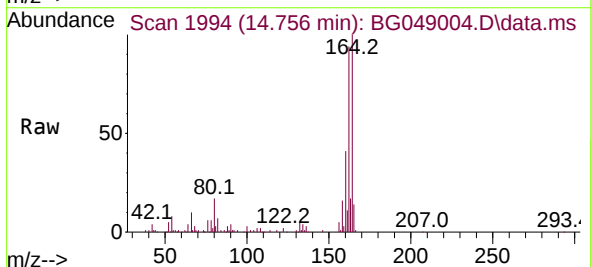
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

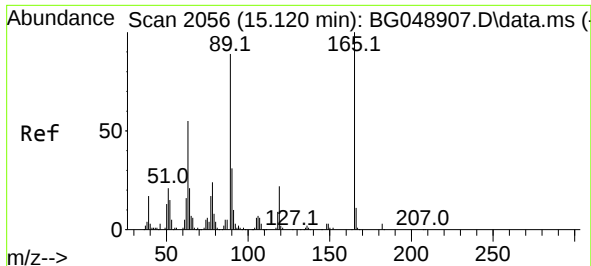
Tgt Ion:172 Resp: 573544
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.57 ng
RT: 14.756 min Scan# 1994
Delta R.T. 0.432 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

Tgt Ion:165 Resp: 12918
Ion Ratio Lower Upper
165 100
63 1.8 63.3 94.9#
89 3.7 63.4 95.0#

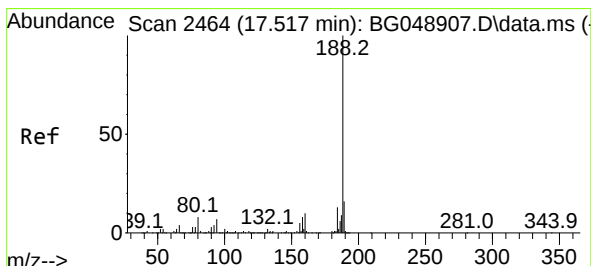
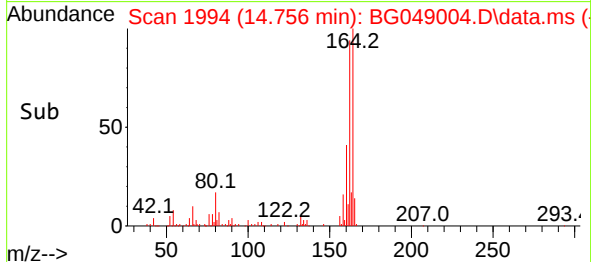
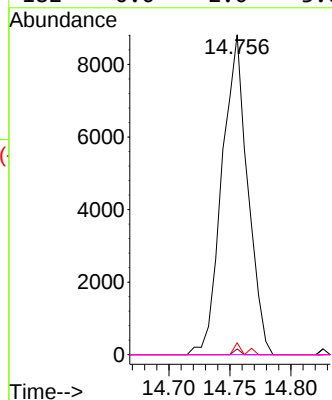
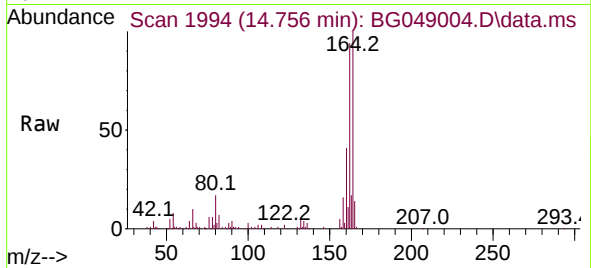




#57
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.355 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

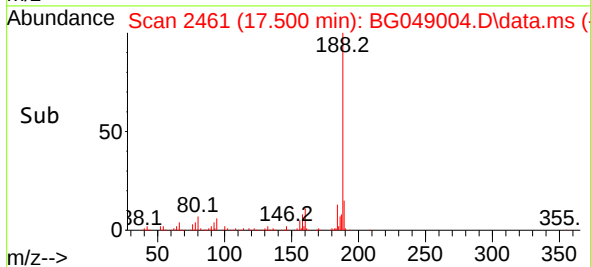
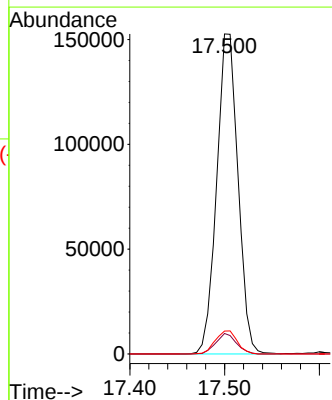
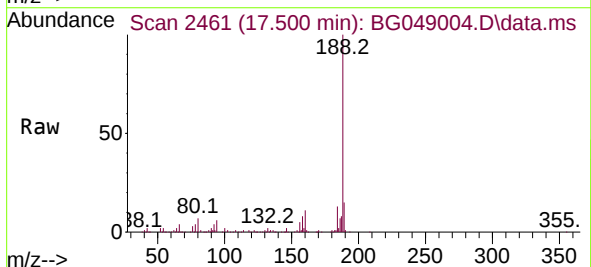
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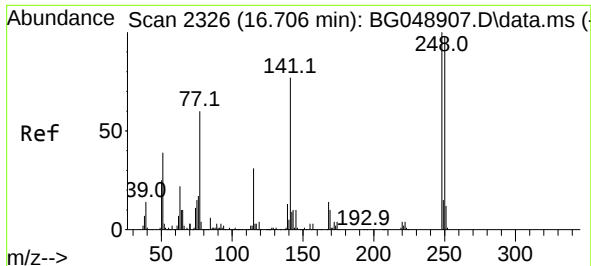
Tgt Ion:165 Resp: 12918
Ion Ratio Lower Upper
165 100
63 1.8 48.0 72.0#
89 3.7 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

Tgt Ion:188 Resp: 238477
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 7.2 3.7 5.5#

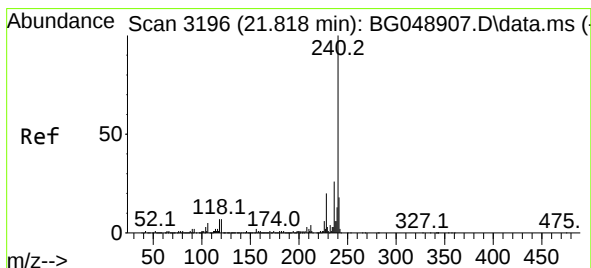
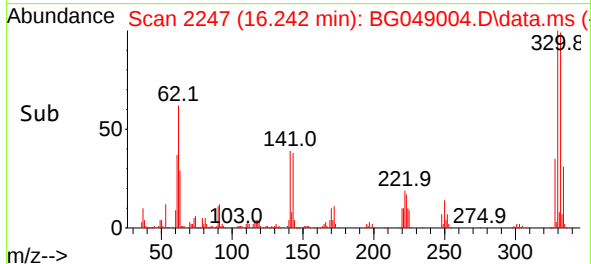
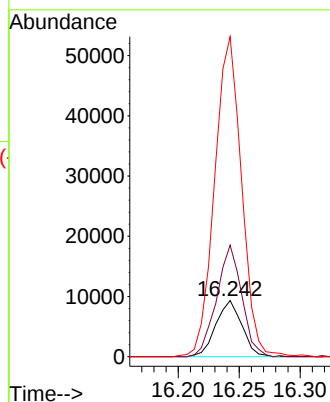
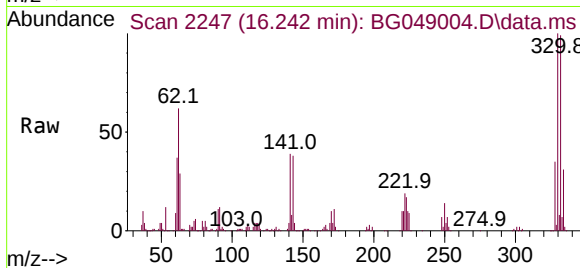




#67
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 16.242 min Scan# 2247
Delta R.T. -0.449 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

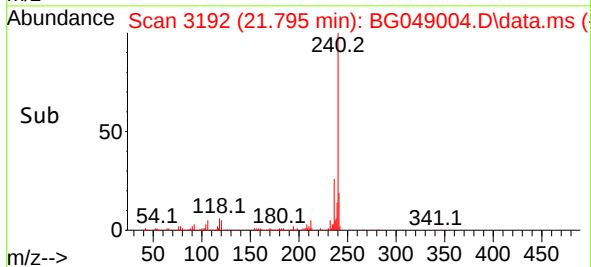
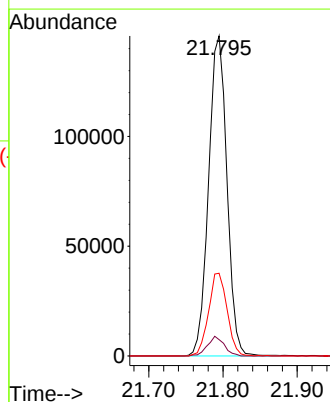
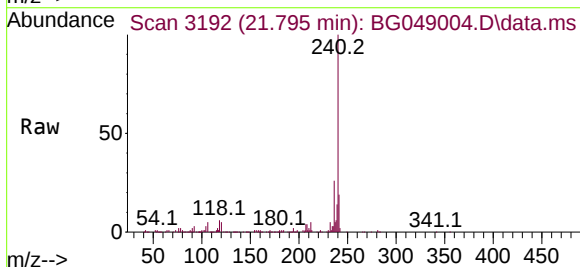
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

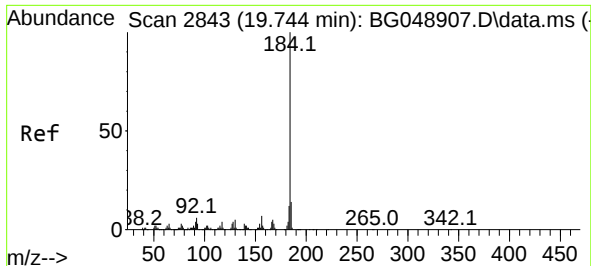
Tgt Ion:248 Resp: 13819
Ion Ratio Lower Upper
248 100
250 198.5 76.1 114.1#
141 569.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3192
Delta R.T. -0.003 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

Tgt Ion:240 Resp: 250521
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 25.9 21.8 32.6

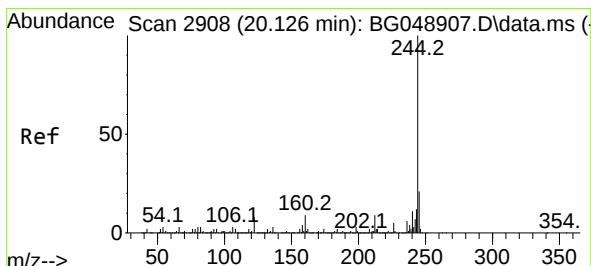
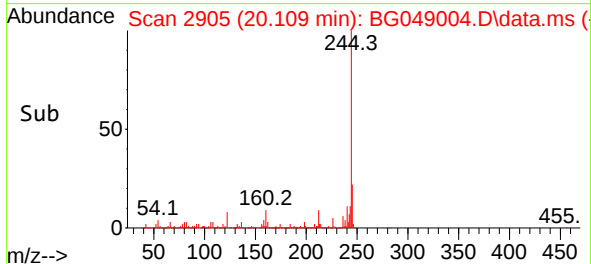
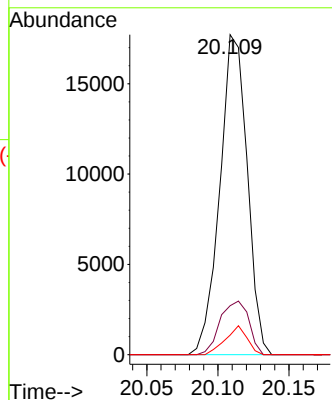
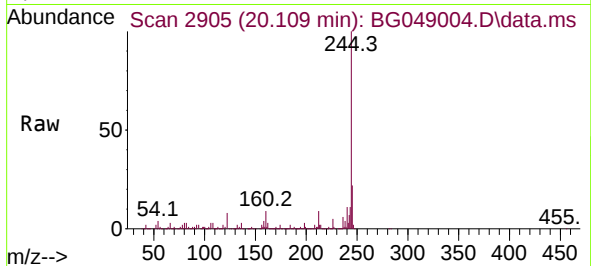




#77
Benzidine
Concen: 4.71 ng
RT: 20.109 min Scan# 2905
Delta R.T. 0.379 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

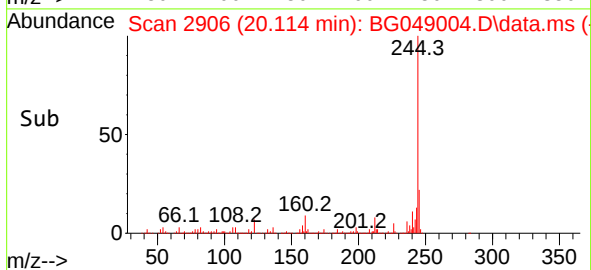
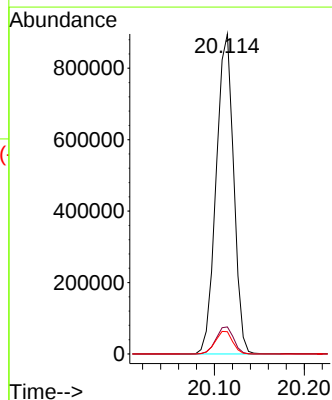
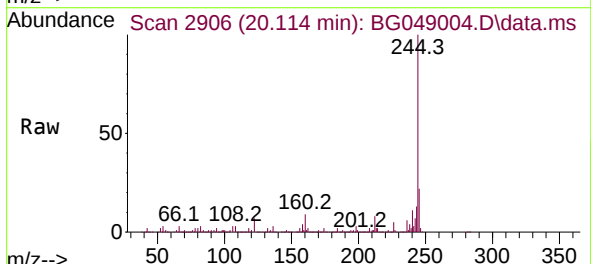
Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)

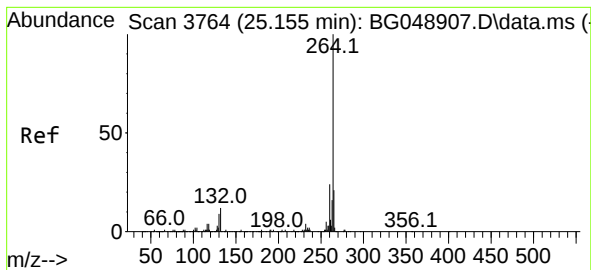
Tgt Ion:184 Resp: 23752
Ion Ratio Lower Upper
184 100
185 15.3 10.7 16.1
183 6.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 88.37 ng
RT: 20.114 min Scan# 2906
Delta R.T. 0.003 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

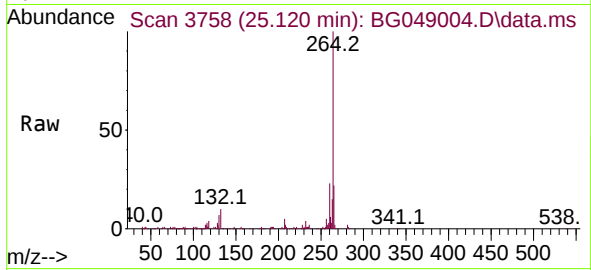
Tgt Ion:244 Resp: 1208878
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.9 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.120 min Scan# 3758
Delta R.T. -0.009 min
Lab File: BG049004.D
Acq: 16 Jun 2021 19:18

Instrument :
BNA_G
ClientSampleId :
17-B6(40-44)



Tgt Ion:264 Resp: 253289

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.7	16.9	25.3

