

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121820\
 Data File : BG047774.D
 Acq On : 18 Dec 2020 14:16
 Operator : CG/JU
 Sample : L5088-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR1-A-D-COMP

Quant Time: Dec 18 15:15:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

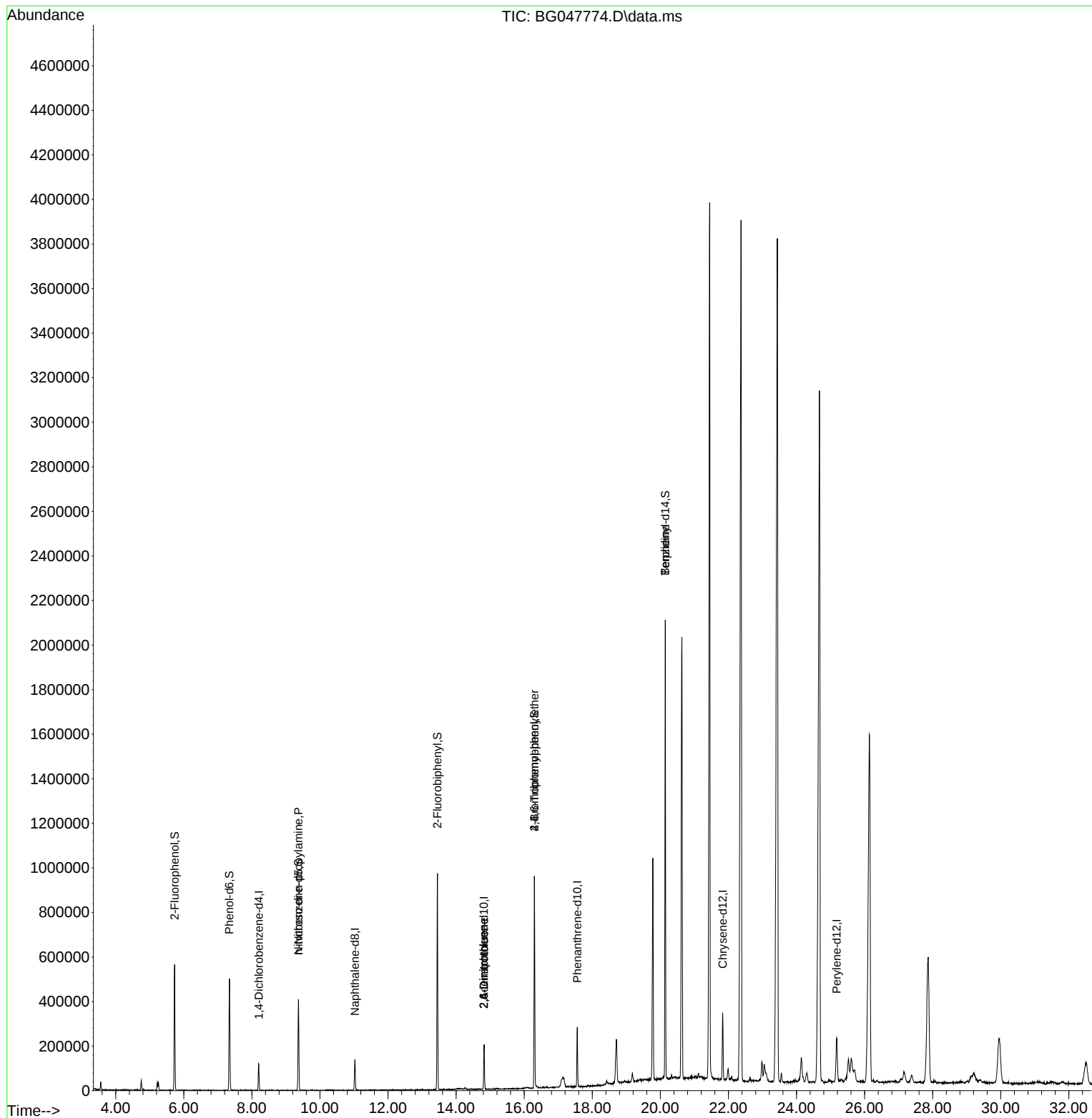
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	28371	20.00	ng	0.00
21) Naphthalene-d8	11.025	136	104559	20.00	ng	# 0.00
39) Acenaphthene-d10	14.821	164	71381	20.00	ng	0.00
64) Phenanthrene-d10	17.559	188	166043	20.00	ng	# 0.00
76) Chrysene-d12	21.830	240	199698	20.00	ng	# 0.00
86) Perylene-d12	25.179	264	211965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	196559	119.85	ng	0.00
7) Phenol-d6	7.341	99	236947	98.83	ng	0.00
23) Nitrobenzene-d5	9.368	82	229415	80.70	ng	0.00
42) 2,4,6-Tribromophenol	16.302	330	159160	130.61	ng	0.00
45) 2-Fluorobiphenyl	13.452	172	458305	83.08	ng	0.00
79) Terphenyl-d14	20.144	244	838137	69.16	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.368	70	38335	22.98	ng	# 81
51) 2,6-Dinitrotoluene	14.815	165	9843	7.87	ng	# 37
57) 2,4-Dinitrotoluene	14.815	165	9843	5.29	ng	# 34
67) 4-Bromophenyl-phenylether	16.302	248	10863	4.87	ng	# 1
70) Pentachlorophenol	17.153	266	78	Below Cal		# 19
77) Benzidine	20.144	184	20905	3.89	ng	97

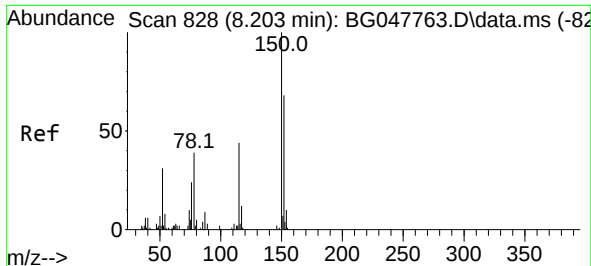
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121820\
Data File : BG047774.D
Acq On : 18 Dec 2020 14:16
Operator : CG/JU
Sample : L5088-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

Quant Time: Dec 18 15:15:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

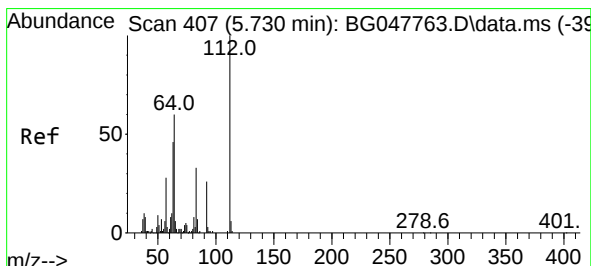
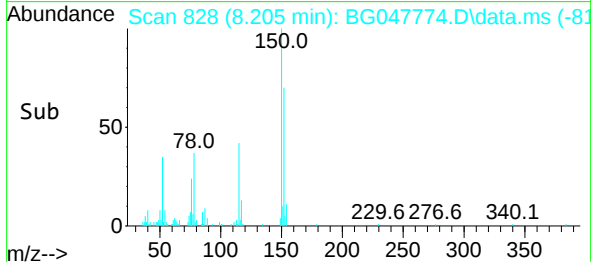
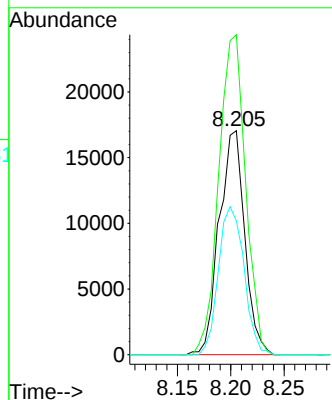
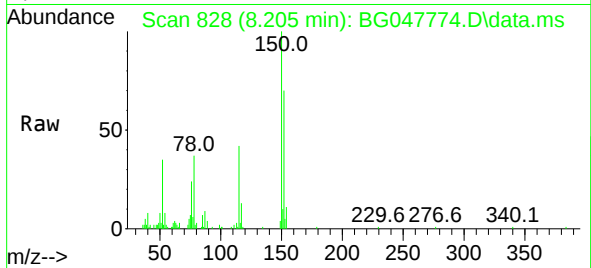




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.205 min Scan# 828
Delta R.T. 0.002 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

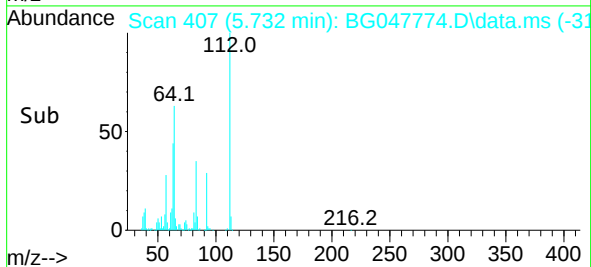
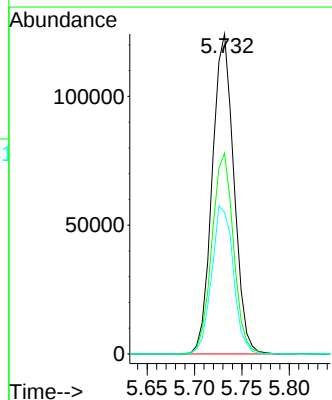
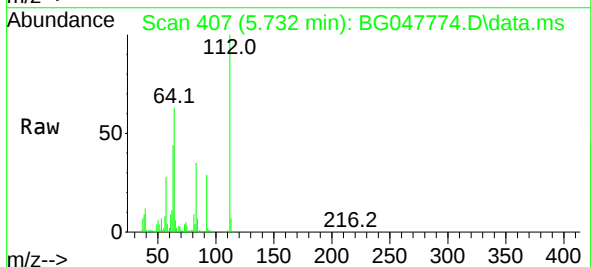
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

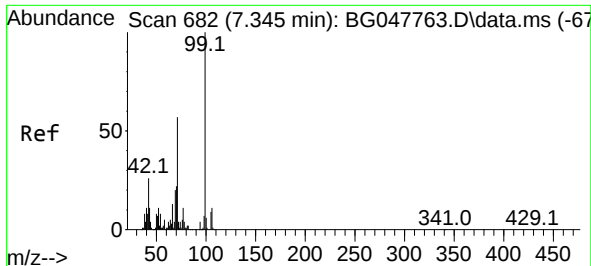
Tgt Ion:152 Resp: 28371
Ion Ratio Lower Upper
152 100
150 142.8 125.0 187.6
115 59.7 41.8 62.6



#5
2-Fluorophenol
Concen: 119.85 ng
RT: 5.732 min Scan# 407
Delta R.T. 0.002 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

Tgt Ion:112 Resp: 196559
Ion Ratio Lower Upper
112 100
64 62.8 46.7 70.1
63 44.3 22.8 34.2#

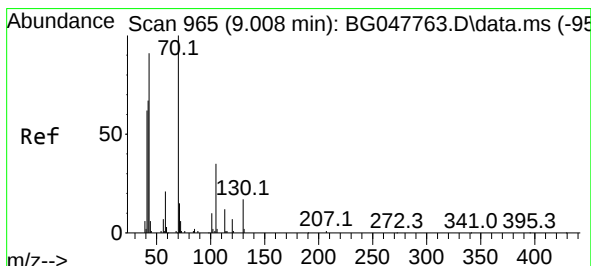
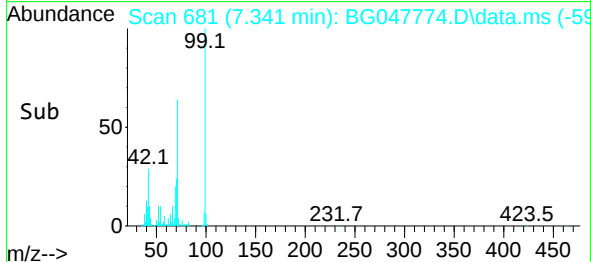
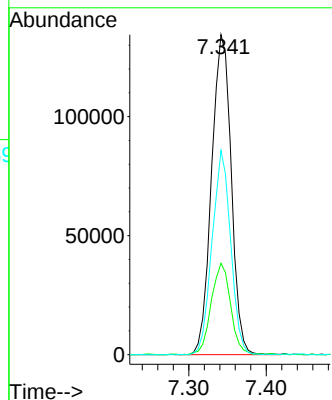
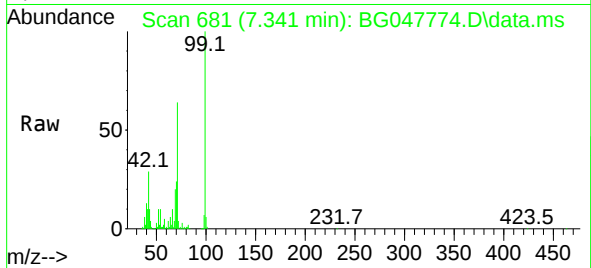




#7
Phenol-d6
Concen: 98.83 ng
RT: 7.341 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

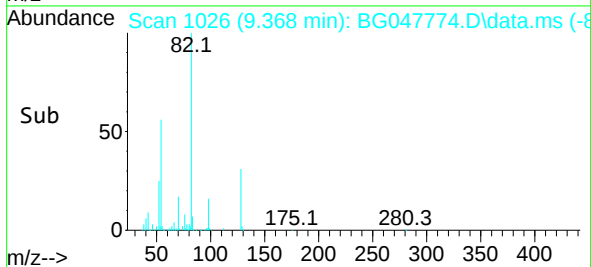
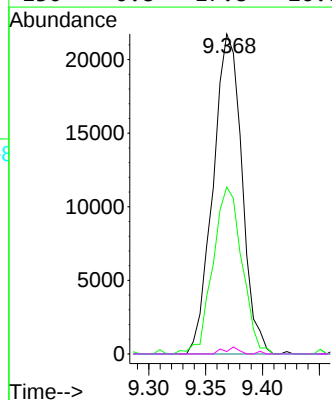
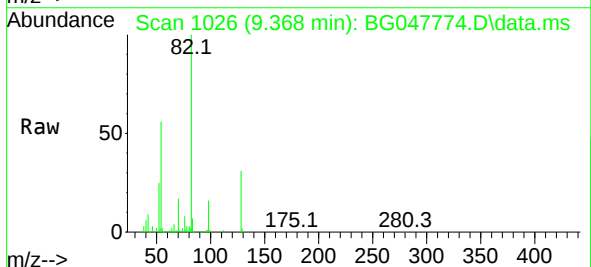
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

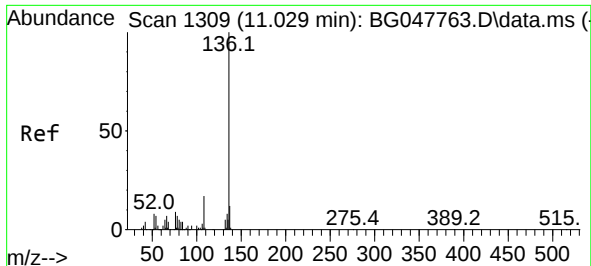
Tgt Ion: 99 Resp: 236947
Ion Ratio Lower Upper
99 100
42 28.6 12.8 19.2#
71 63.8 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 22.98 ng
RT: 9.368 min Scan# 1026
Delta R.T. 0.360 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

Tgt Ion: 70 Resp: 38335
Ion Ratio Lower Upper
70 100
42 52.1 45.6 68.4
101 0.0 8.4 12.6#
130 0.8 17.8 26.8#

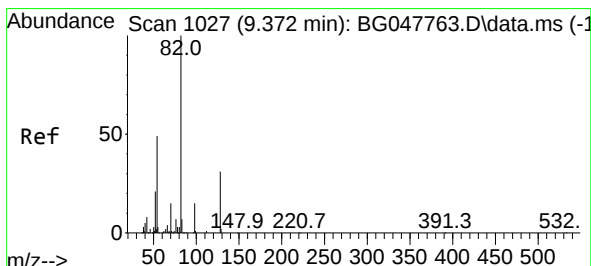
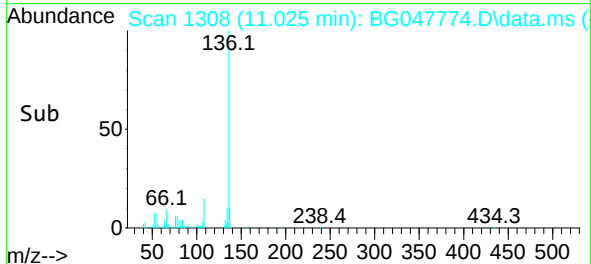
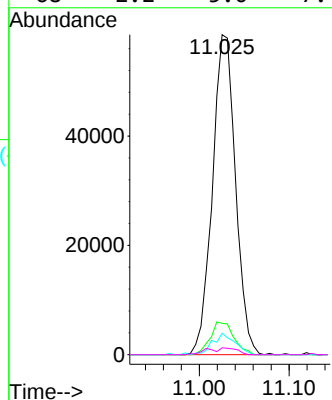
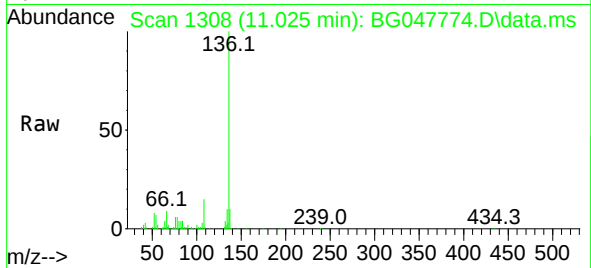




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.025 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

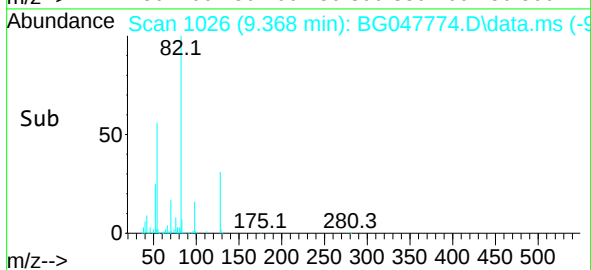
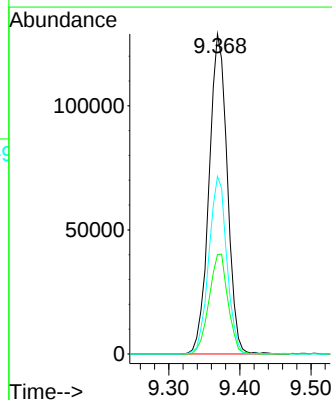
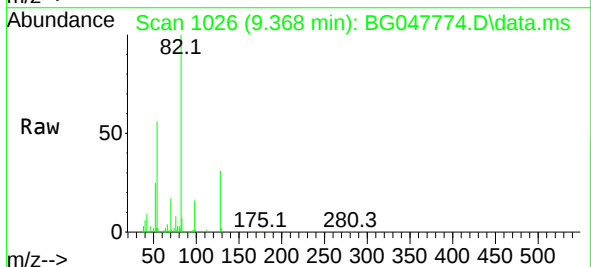
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

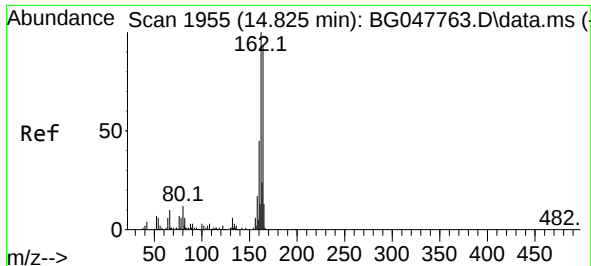
Tgt Ion:	136	Resp:	104559
Ion Ratio	Lower	Upper	
136	100		
137	9.8	9.1	13.7
54	6.7	6.2	9.4
68	2.2	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 80.70 ng
RT: 9.368 min Scan# 1026
Delta R.T. -0.004 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

Tgt Ion:	82	Resp:	229415
Ion Ratio	Lower	Upper	
82	100		
128	31.1	37.0	55.6#
54	55.5	39.0	58.4

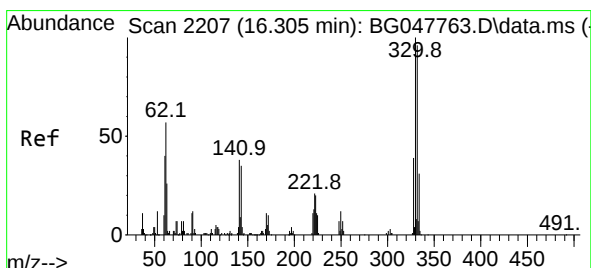
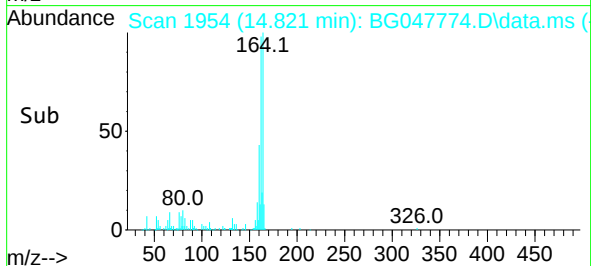
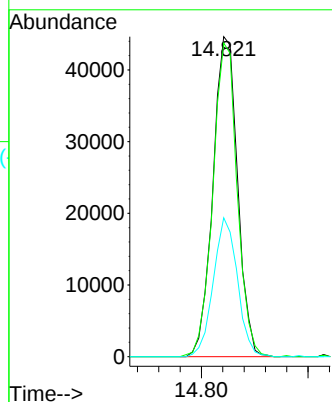
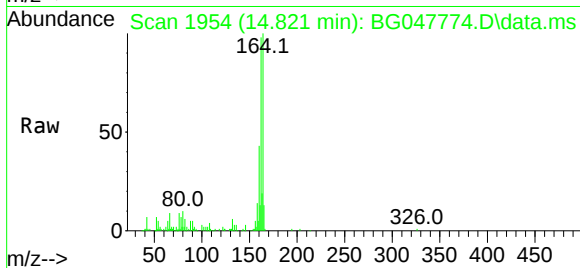




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.821 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

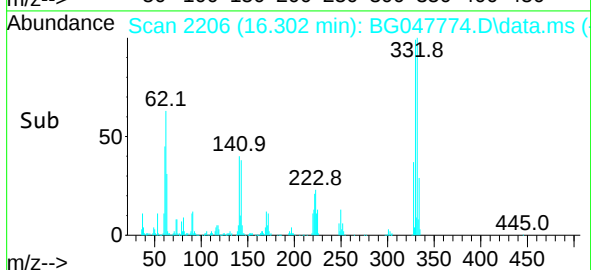
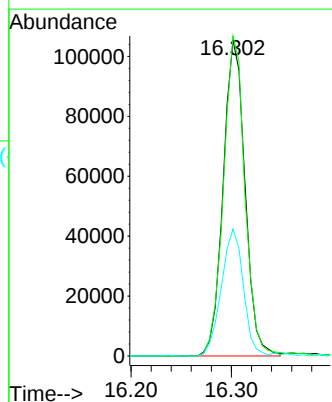
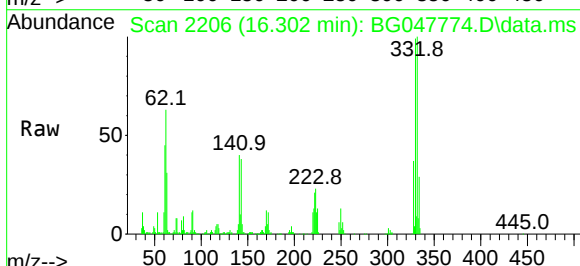
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

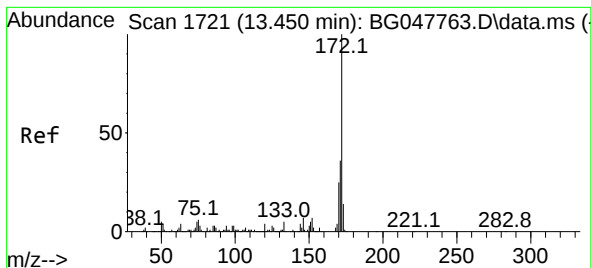
Tgt Ion:164 Resp: 71381
Ion Ratio Lower Upper
164 100
162 98.0 82.3 123.5
160 43.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 130.61 ng
RT: 16.302 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

Tgt Ion:330 Resp: 159160
Ion Ratio Lower Upper
330 100
332 100.2 76.5 114.7
141 40.3 26.0 39.0#

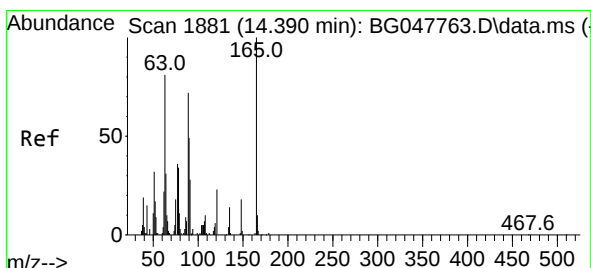
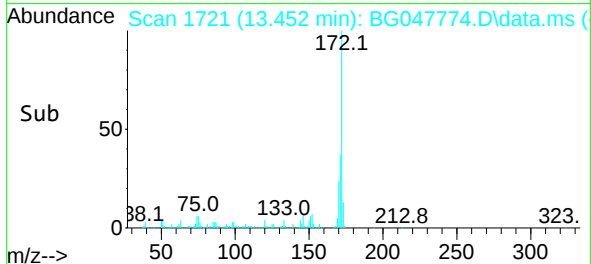
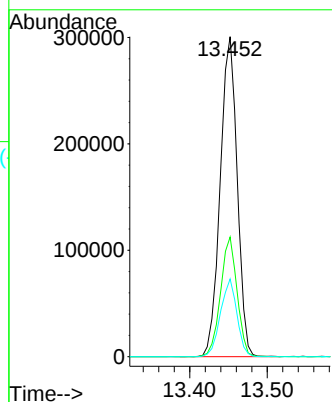
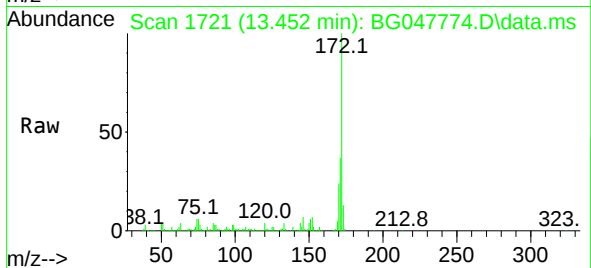




#45
2-Fluorobiphenyl
Concen: 83.08 ng
RT: 13.452 min Scan# 1721
Delta R.T. 0.002 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

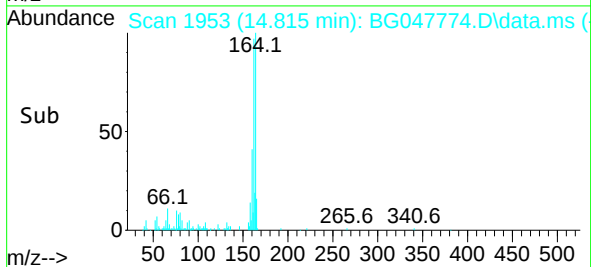
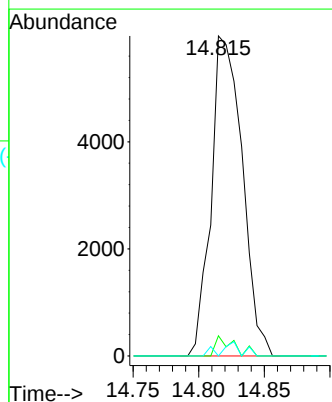
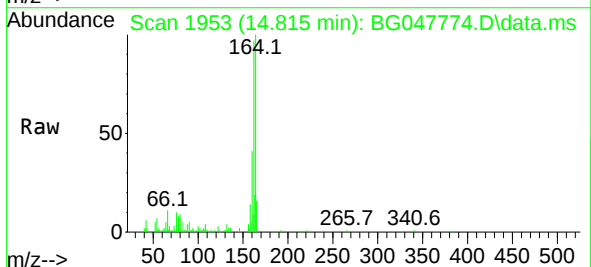
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

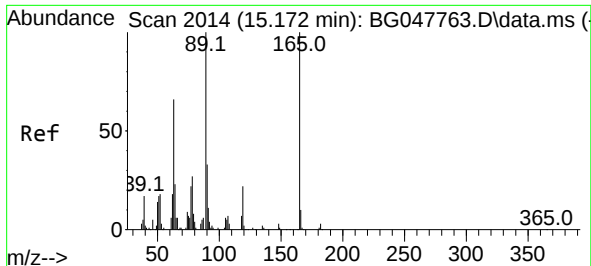
Tgt Ion:172 Resp: 458305
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.3 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 14.815 min Scan# 1953
Delta R.T. 0.425 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

Tgt Ion:165 Resp: 9843
Ion Ratio Lower Upper
165 100
63 6.3 33.7 50.5#
89 0.0 36.6 54.8#

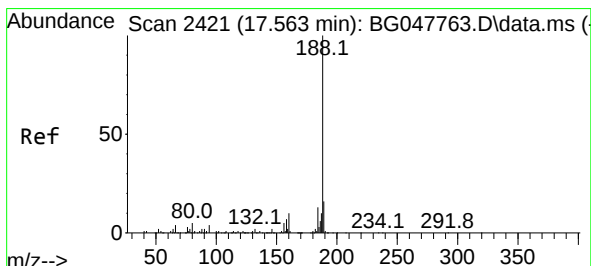
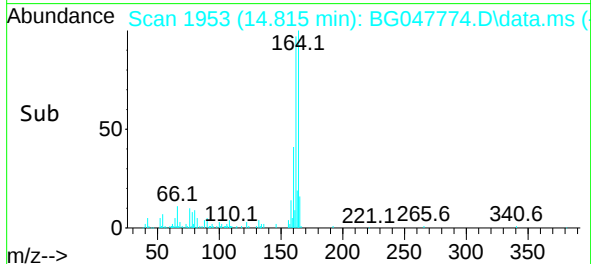
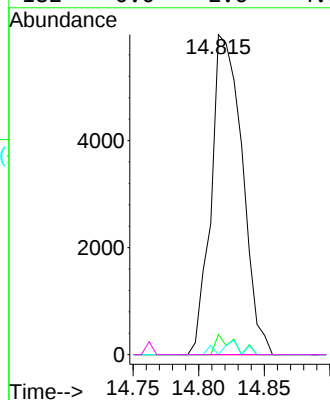
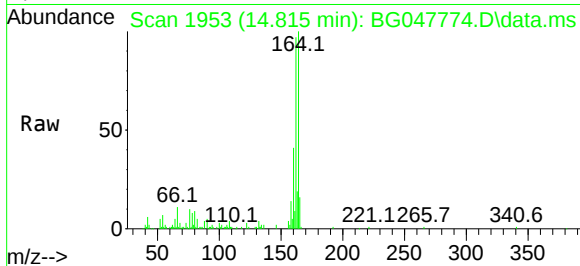




#57
2,4-Dinitrotoluene
Concen: 5.29 ng
RT: 14.815 min Scan# 1953
Delta R.T. -0.356 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

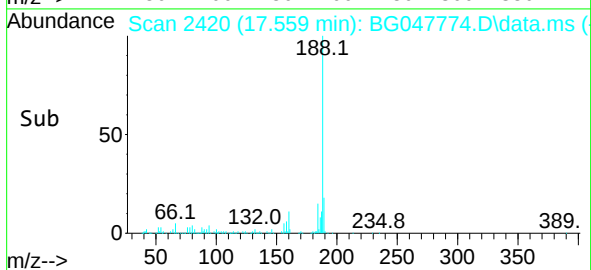
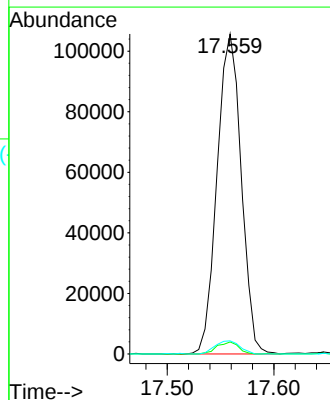
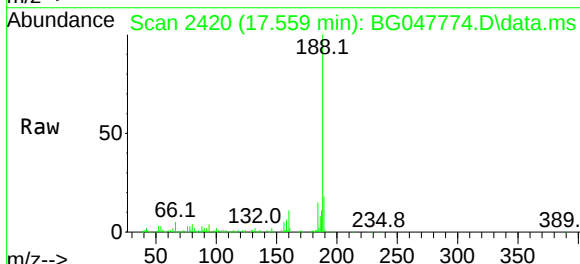
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

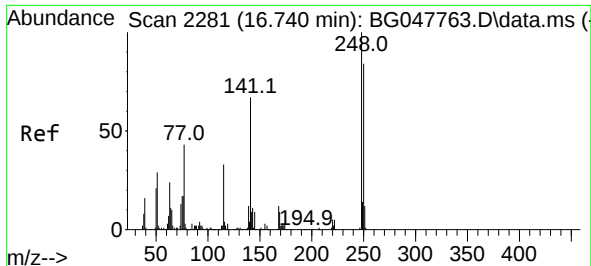
Tgt Ion:165 Resp: 9843
Ion Ratio Lower Upper
165 100
63 6.3 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.559 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

Tgt Ion:188 Resp: 166043
Ion Ratio Lower Upper
188 100
94 3.8 6.3 9.5#
80 4.1 7.0 10.6#

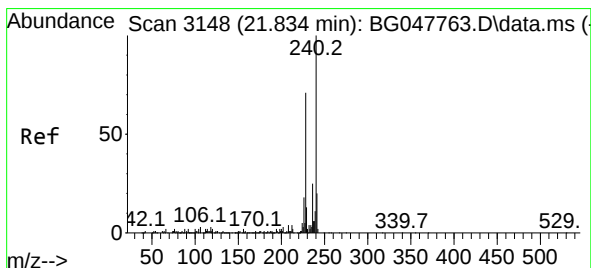
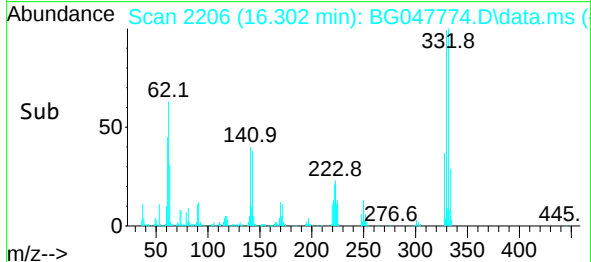
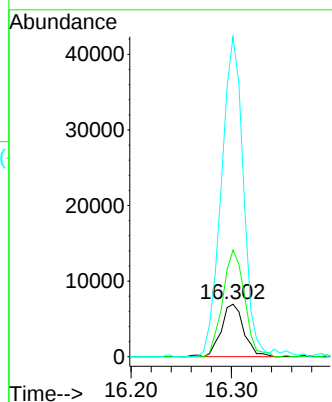
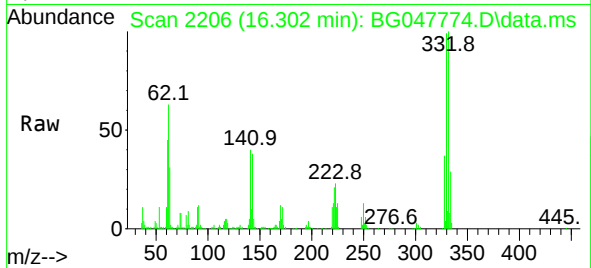




#67
4-Bromophenyl-phenylether
Concen: 4.87 ng
RT: 16.302 min Scan# 2206
Delta R.T. -0.439 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

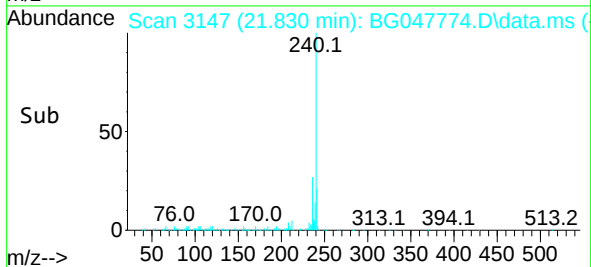
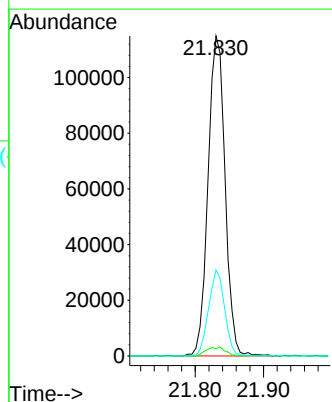
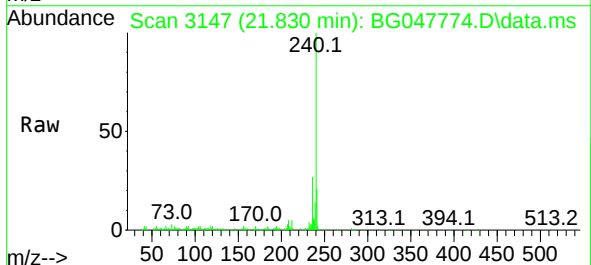
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

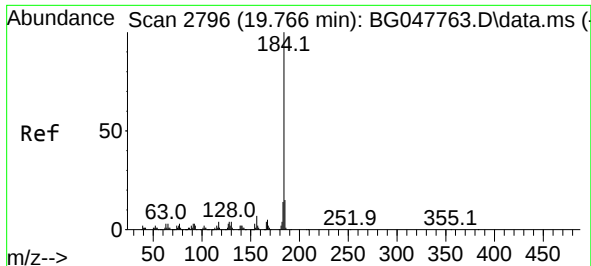
Tgt Ion:248 Resp: 10863
Ion Ratio Lower Upper
248 100
250 203.0 78.9 118.3#
141 610.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.830 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

Tgt Ion:240 Resp: 199698
Ion Ratio Lower Upper
240 100
120 2.3 6.2 9.4#
236 26.9 20.5 30.7

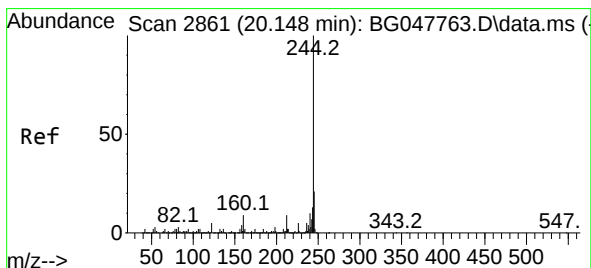
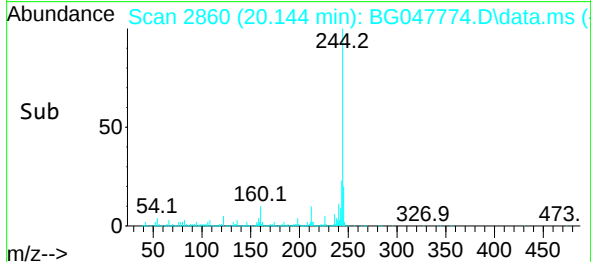
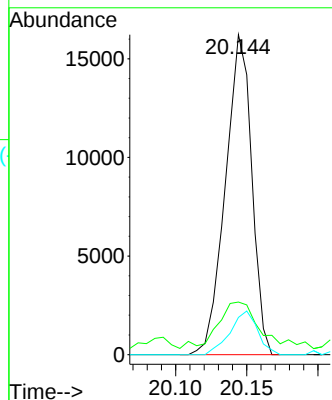
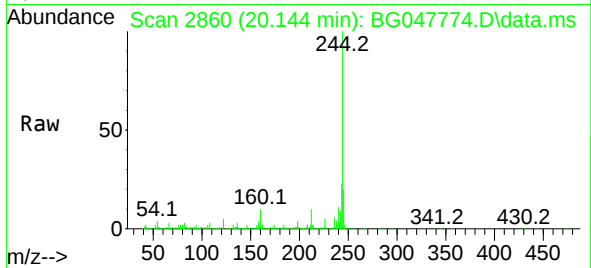




#77
Benzidine
Concen: 3.89 ng
RT: 20.144 min Scan# 2860
Delta R.T. 0.378 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

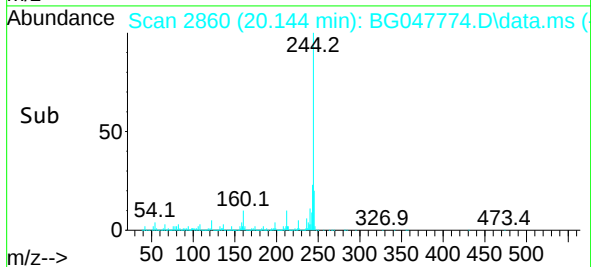
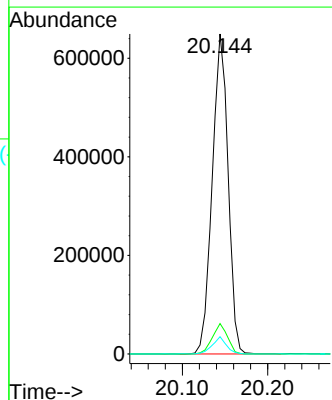
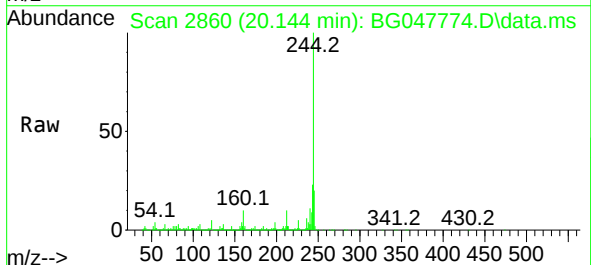
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

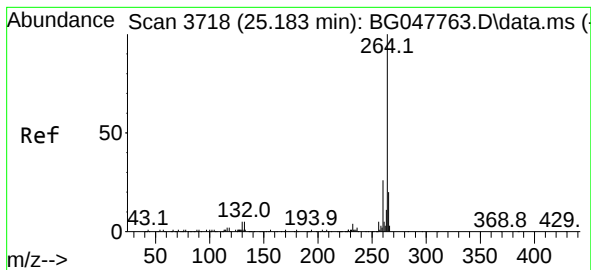
Tgt Ion:184 Resp: 20905
Ion Ratio Lower Upper
184 100
185 16.5 12.4 18.6
183 11.7 10.6 15.8



#79
Terphenyl-d14
Concen: 69.16 ng
RT: 20.144 min Scan# 2860
Delta R.T. -0.004 min
Lab File: BG047774.D
Acq: 18 Dec 2020 14:16

Tgt Ion:244 Resp: 838137
Ion Ratio Lower Upper
244 100
212 9.5 6.7 10.1
122 5.4 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.179 min Scan# 3717
 Delta R.T. -0.004 min
 Lab File: BG047774.D
 Acq: 18 Dec 2020 14:16

Instrument :
 BNA_G
 ClientSampleId :
 TR1-A-D-COMP

Tgt Ion:264 Resp: 211965
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.7 17.8 26.8

