

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047966.D
 Acq On : 21 Jan 2021 23:26
 Operator : CG/JU
 Sample : M1177-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PILE-2-(0.5-1.0)

Quant Time: Jan 22 00:11:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 21 14:42:53 2021
 Response via : Initial Calibration

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

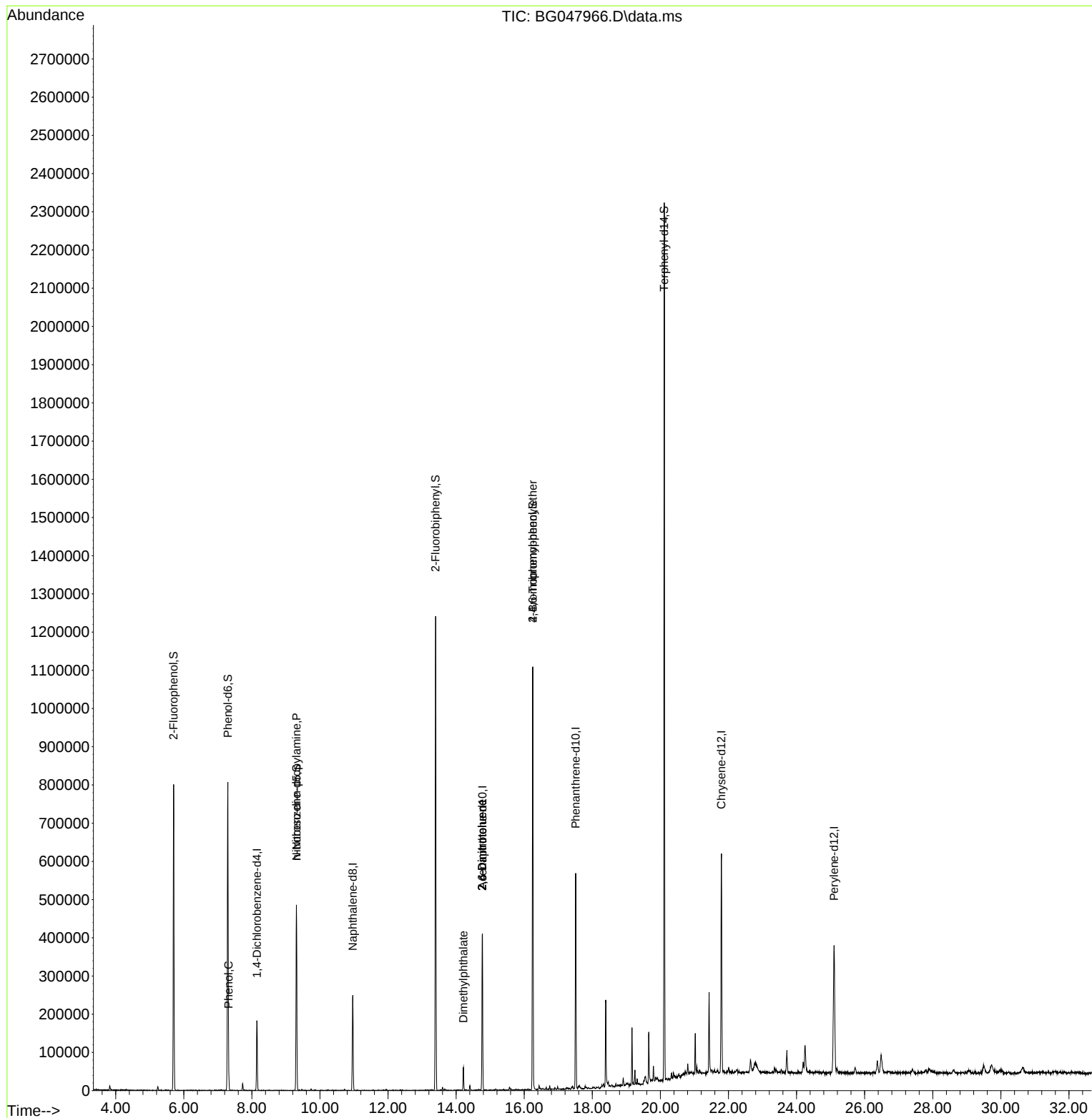
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	49167	20.00	ng	0.00
21) Naphthalene-d8	10.965	136	198247	20.00	ng	# 0.00
39) Acenaphthene-d10	14.772	164	145589	20.00	ng	0.00
64) Phenanthrene-d10	17.510	188	352739	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	370363	20.00	ng	# 0.00
86) Perylene-d12	25.101	264	373724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	296763	98.44	ng	0.00
7) Phenol-d6	7.293	99	410410	90.18	ng	0.00
23) Nitrobenzene-d5	9.308	82	278609	61.80	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	213510	91.64	ng	0.00
45) 2-Fluorobiphenyl	13.397	172	627811	57.59	ng	0.00
79) Terphenyl-d14	20.113	244	1010338	50.44	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.568	88	60	Below Cal	#	1
9) Benzaldehyde	7.287	77	1416	Below Cal	#	1
10) Phenol	7.316	94	19628	4.56	ng	# 62
19) n-Nitroso-di-n-propyla...	9.308	70	41461	12.87	ng	# 75
32) Benzoic acid	10.407	122	56	Below Cal	#	1
50) Dimethylphthalate	14.214	163	37052	2.93	ng	# 97
51) 2,6-Dinitrotoluene	14.766	165	19399	7.96	ng	# 35
57) 2,4-Dinitrotoluene	14.766	165	19399	5.67	ng	# 33
67) 4-Bromophenyl-phenylether	16.253	248	14699	3.14	ng	# 1

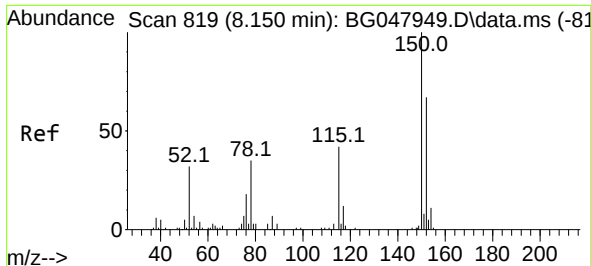
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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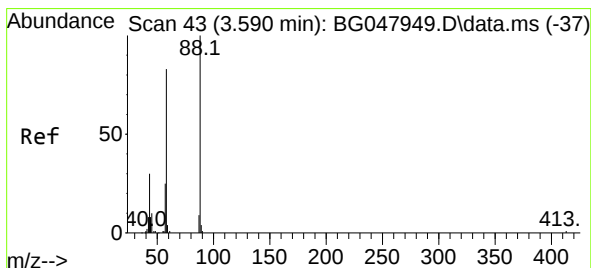
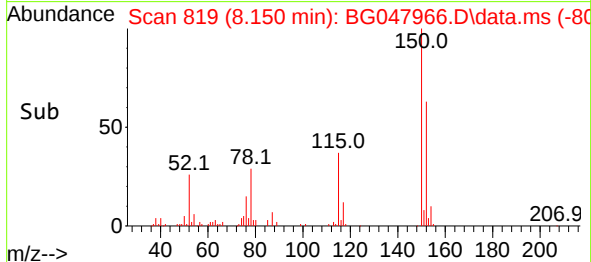
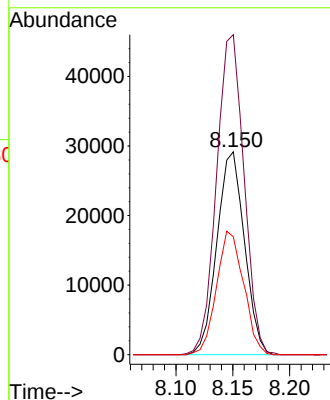
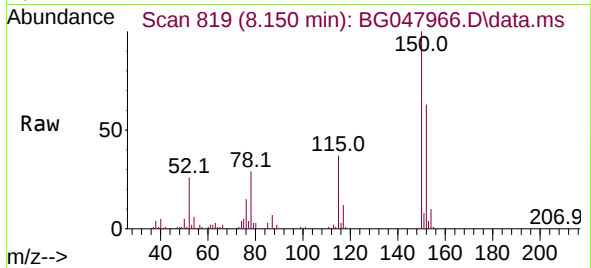




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.150 min Scan# 819
Delta R.T. 0.000 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

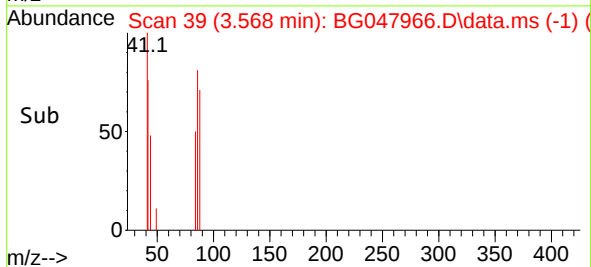
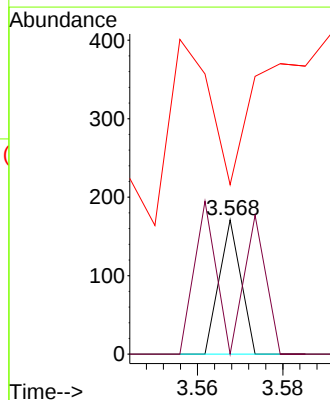
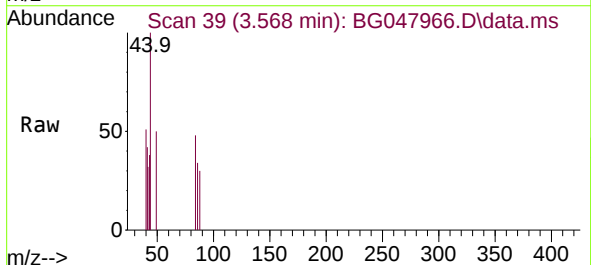
Instrument :
BNA_G
ClientSampleId :
PILE-2-(0.5-1.0)

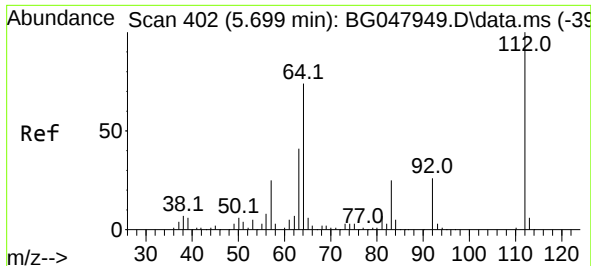
Tgt Ion:152 Resp: 49167
Ion Ratio Lower Upper
152 100
150 157.7 125.0 187.6
115 58.1 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.568 min Scan# 39
Delta R.T. -0.022 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
58 218.3 61.6 92.4#
43 283.3 21.3 31.9#

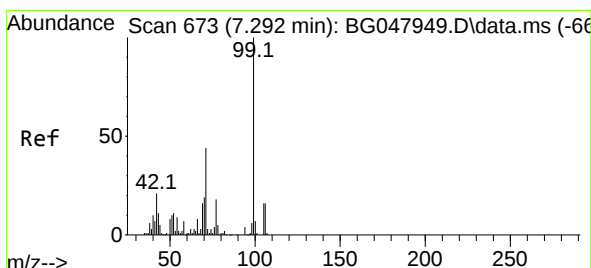
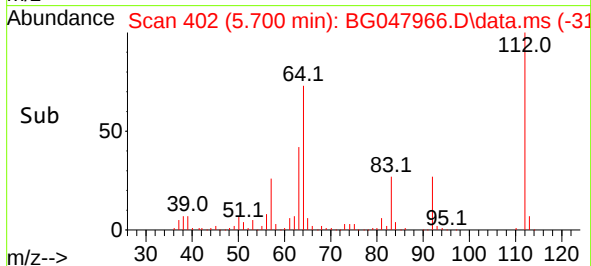
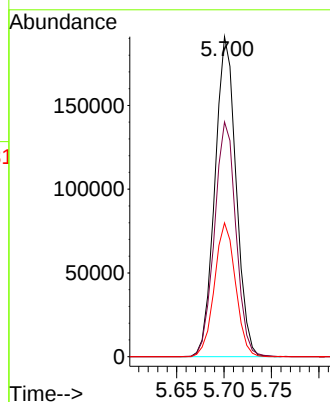
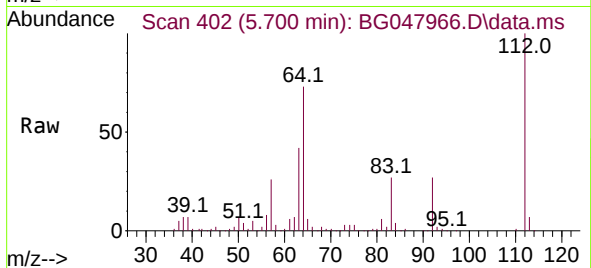




#5
2-Fluorophenol
Concen: 98.44 ng
RT: 5.700 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

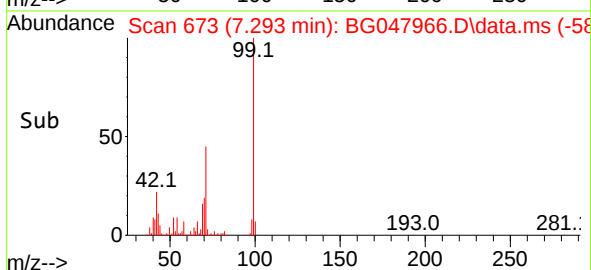
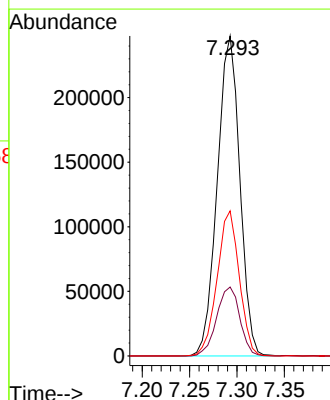
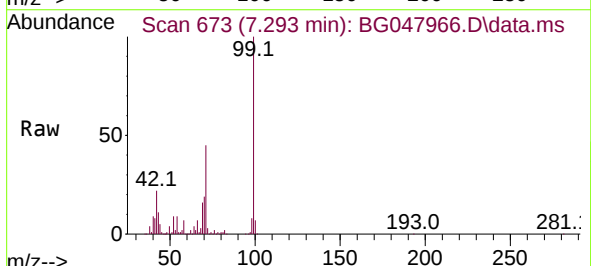
Instrument :
BNA_G
ClientSampleId :
PILE-2-(0.5-1.0)

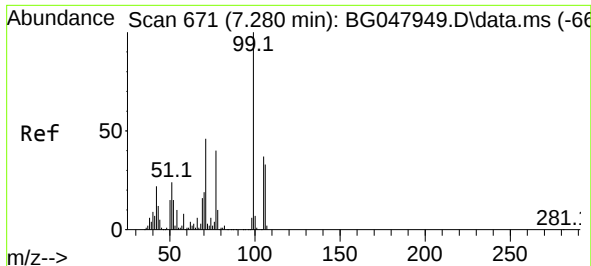
Tgt Ion:112 Resp: 296763
Ion Ratio Lower Upper
112 100
64 73.3 46.7 70.1#
63 41.8 22.8 34.2#



#7
Phenol-d6
Concen: 90.18 ng
RT: 7.293 min Scan# 673
Delta R.T. 0.001 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

Tgt Ion: 99 Resp: 410410
Ion Ratio Lower Upper
99 100
42 21.6 12.8 19.2#
71 45.3 24.6 36.8#

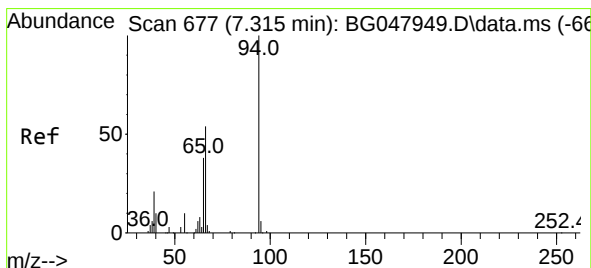
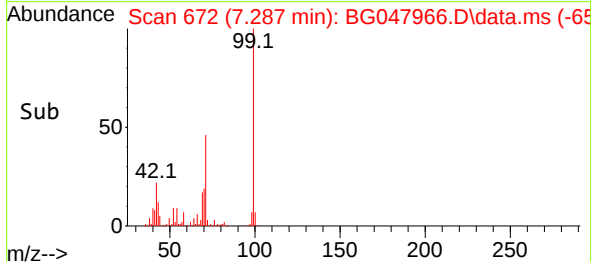
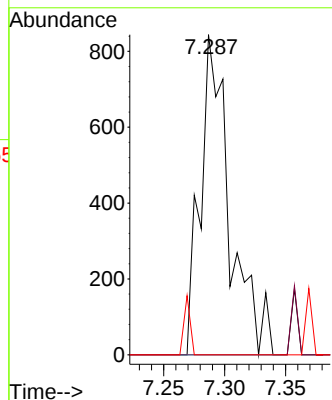
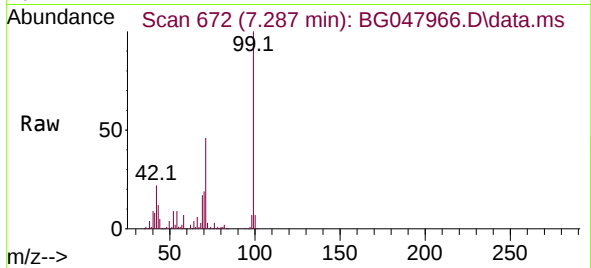




#9
Benzaldehyde
Concen: Below Cal
RT: 7.287 min Scan# 672
Delta R.T. 0.007 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

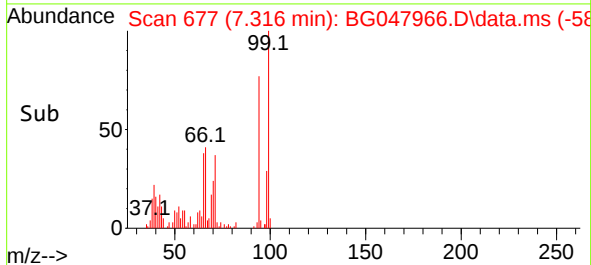
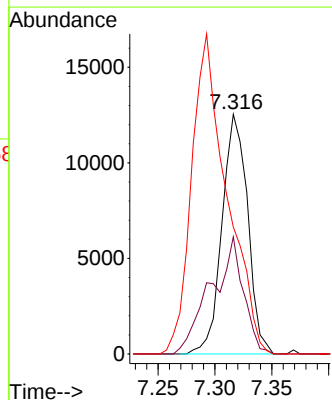
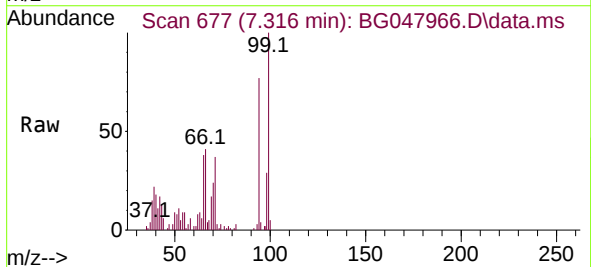
Instrument :
BNA_G
ClientSampleId :
PILE-2-(0.5-1.0)

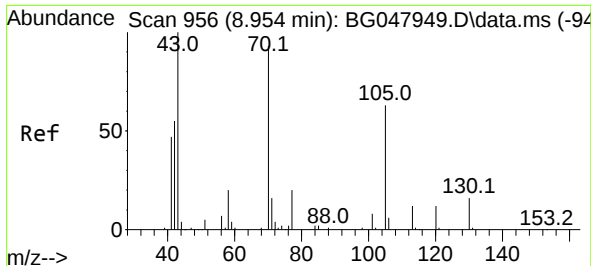
Tgt Ion: 77 Resp: 1416
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#10
Phenol
Concen: 4.56 ng
RT: 7.316 min Scan# 677
Delta R.T. 0.001 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

Tgt Ion: 94 Resp: 19628
Ion Ratio Lower Upper
94 100
65 48.8 6.6 46.6#
66 53.0 13.9 53.9

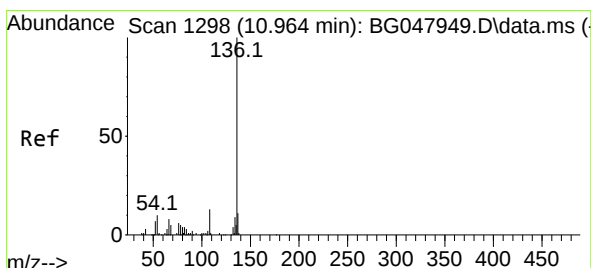
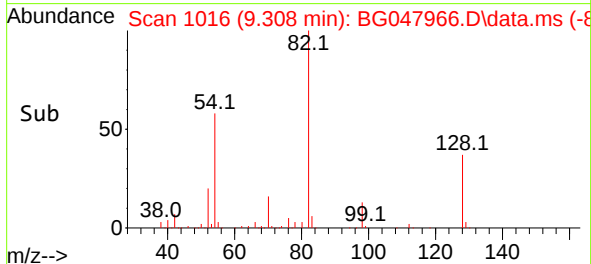
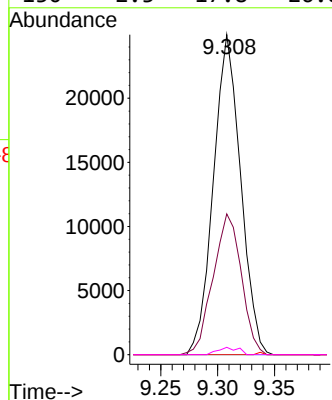
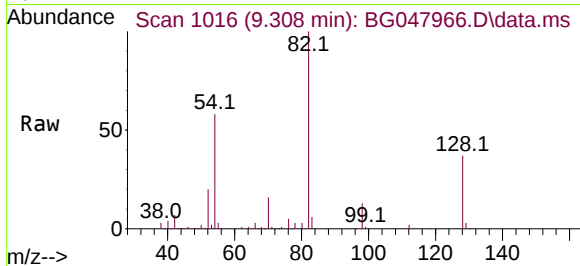




#19
n-Nitroso-di-n-propylamine
Concen: 12.87 ng
RT: 9.308 min Scan# 1016
Delta R.T. 0.354 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

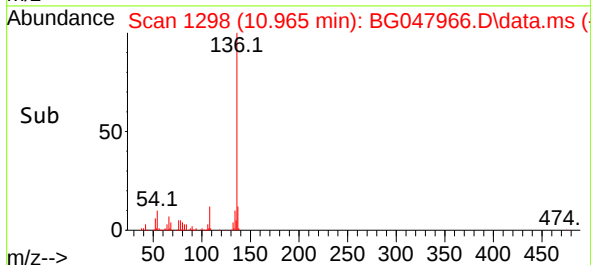
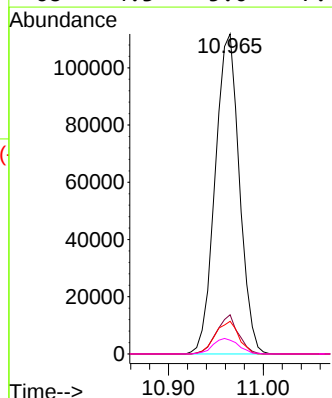
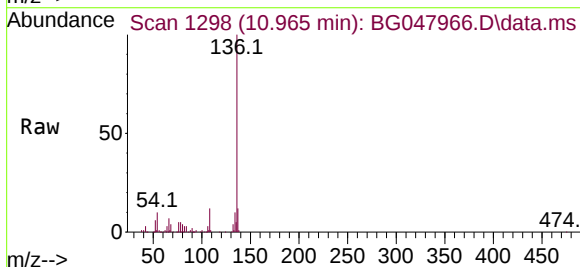
Instrument :
BNA_G
ClientSampleId :
PILE-2-(0.5-1.0)

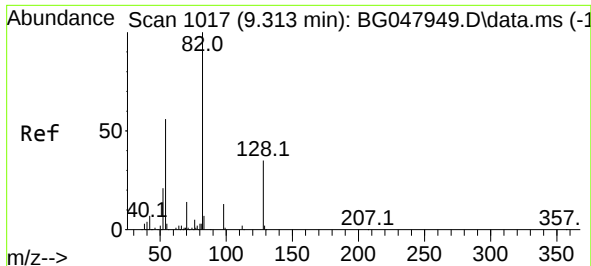
Tgt Ion:	70	Resp:	41461
Ion	Ratio	Lower	Upper
70	100		
42	44.0	45.6	68.4#
101	0.0	8.4	12.6#
130	2.3	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.965 min Scan# 1298
Delta R.T. 0.001 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

Tgt Ion:	136	Resp:	198247
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.1	13.7
54	10.2	6.2	9.4#
68	4.3	5.0	7.4#





#23

Nitrobenzene-d5

Concen: 61.80 ng

RT: 9.308 min Scan# 1016

Delta R.T. -0.005 min

Lab File: BG047966.D

Acq: 21 Jan 2021 23:26

Tgt Ion: 82 Resp: 278609

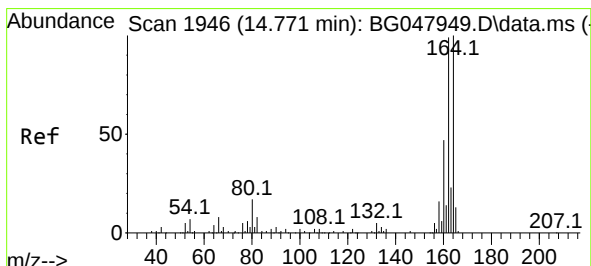
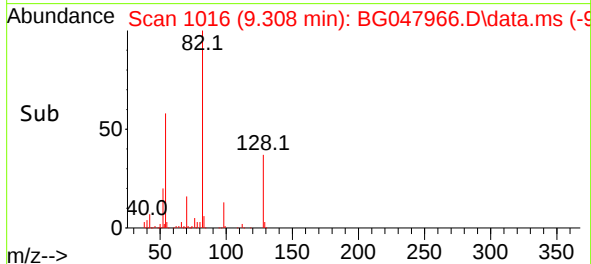
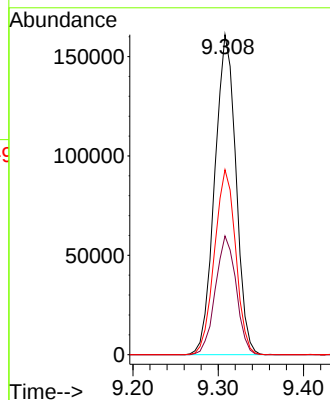
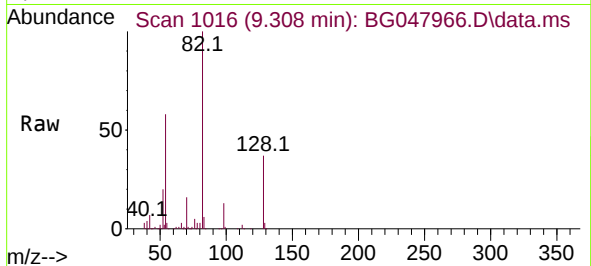
Ion	Ratio	Lower	Upper
82	100		
128	37.1	37.0	55.6
54	57.8	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

PILE-2-(0.5-1.0)



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.772 min Scan# 1946

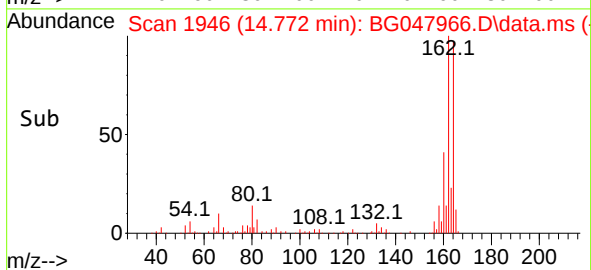
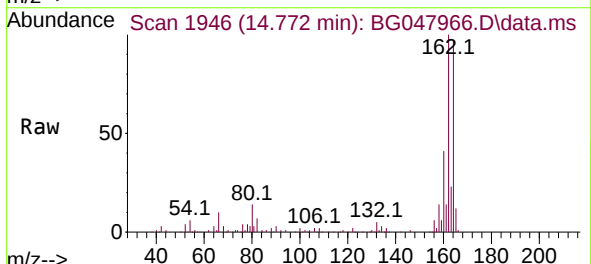
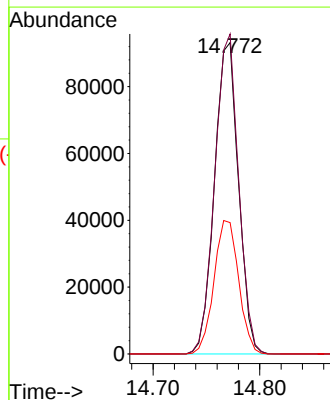
Delta R.T. 0.001 min

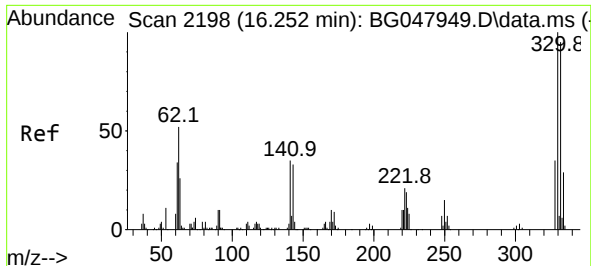
Lab File: BG047966.D

Acq: 21 Jan 2021 23:26

Tgt Ion:164 Resp: 145589

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.3	123.5
160	42.2	35.3	52.9

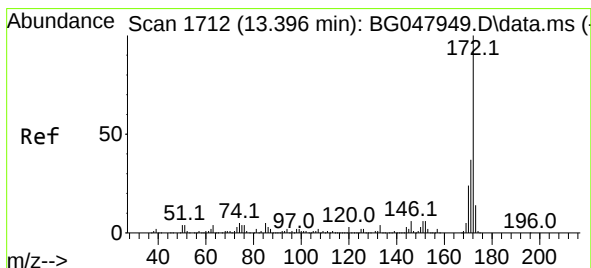
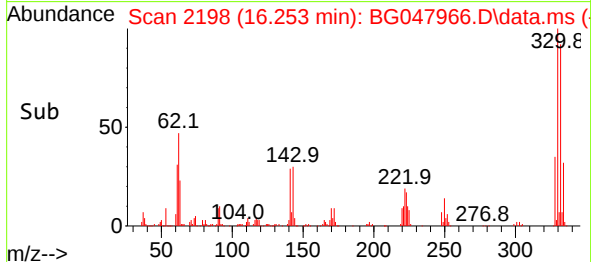
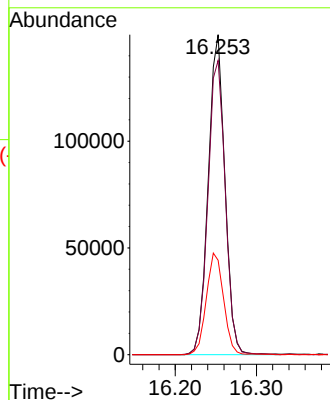
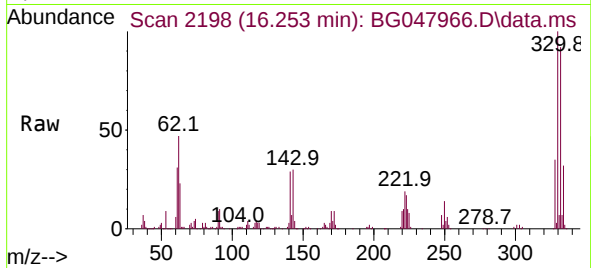




#42
2,4,6-Tribromophenol
Concen: 91.64 ng
RT: 16.253 min Scan# 2198
Delta R.T. 0.001 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

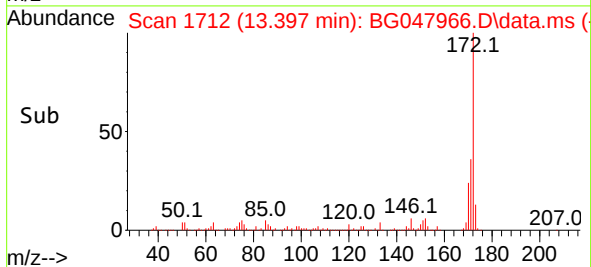
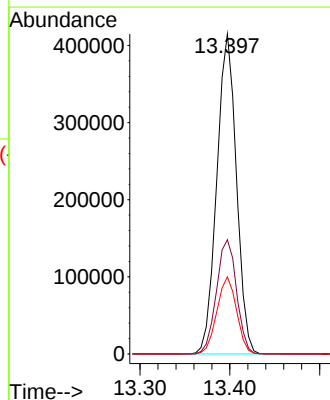
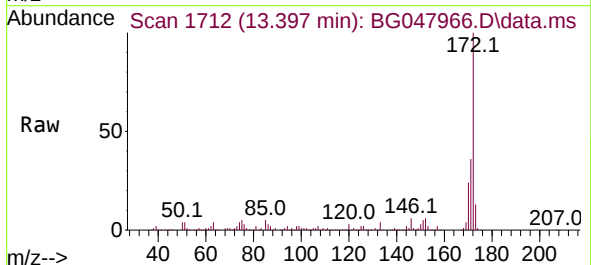
Instrument :
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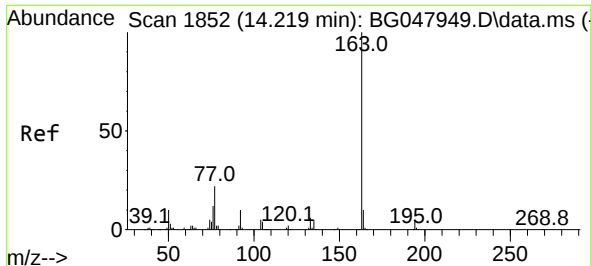
Tgt Ion:330 Resp: 213510
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 32.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 57.59 ng
RT: 13.397 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

Tgt Ion:172 Resp: 627811
Ion Ratio Lower Upper
172 100
171 35.7 31.3 46.9
170 24.1 20.8 31.2

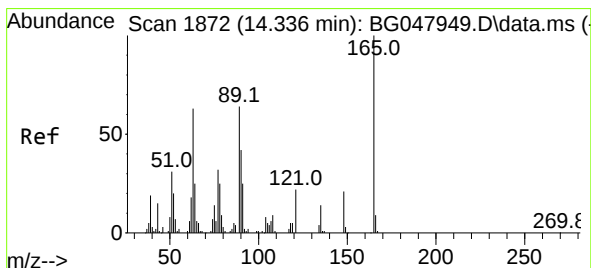
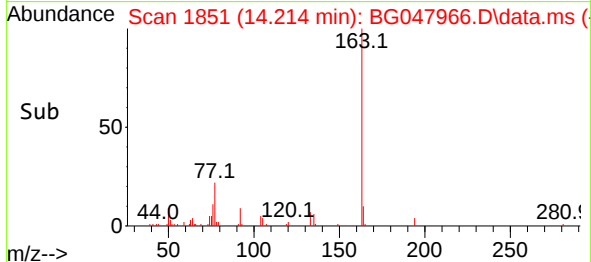
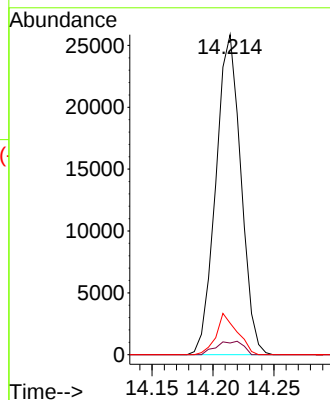
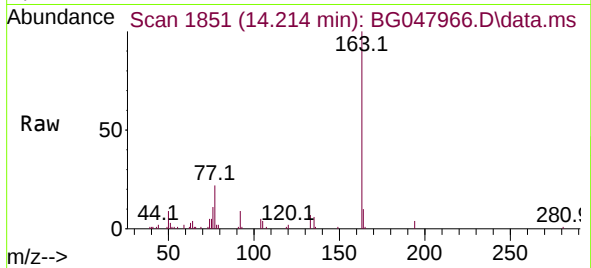




#50
Dimethylphthalate
Concen: 2.93 ng
RT: 14.214 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

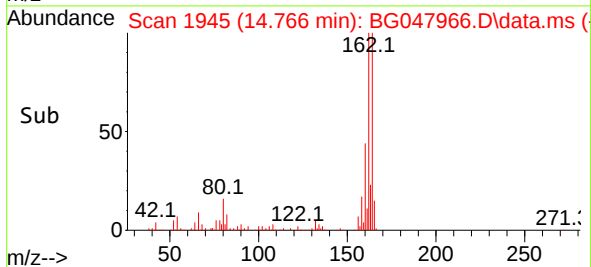
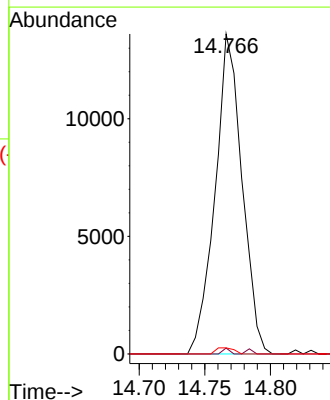
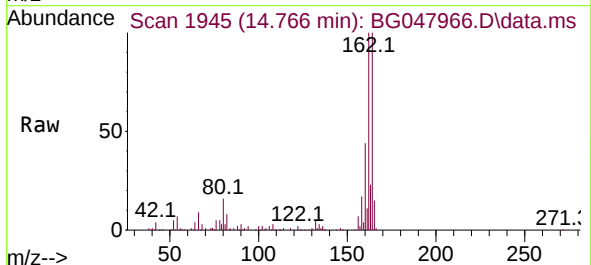
Instrument :
BNA_G
ClientSampleId :
PILE-2-(0.5-1.0)

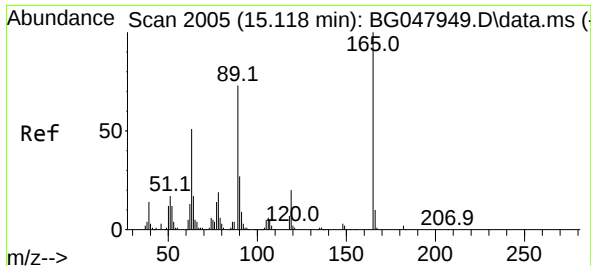
Tgt Ion:163 Resp: 37052
Ion Ratio Lower Upper
163 100
194 3.6 3.8 5.8#
164 9.9 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 14.766 min Scan# 1945
Delta R.T. 0.430 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

Tgt Ion:165 Resp: 19399
Ion Ratio Lower Upper
165 100
63 1.8 33.7 50.5#
89 1.9 36.6 54.8#

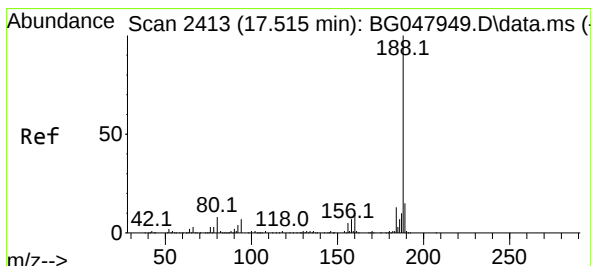
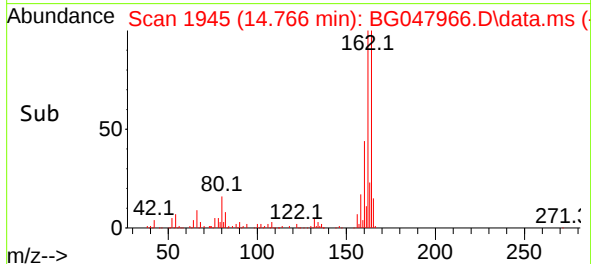
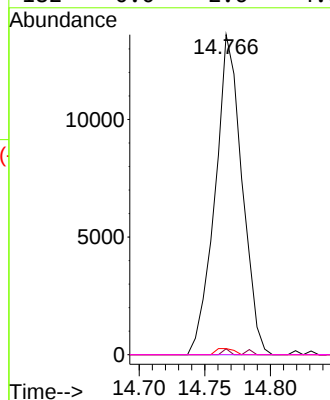
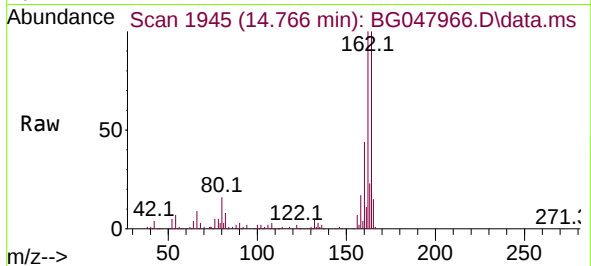




#57
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 14.766 min Scan# 1945
Delta R.T. -0.352 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

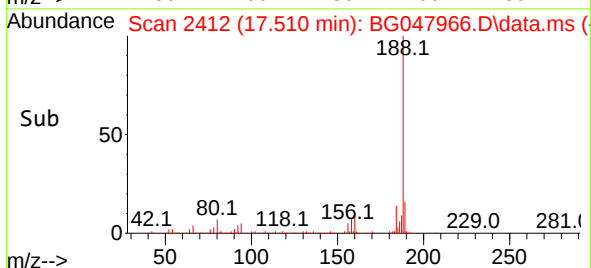
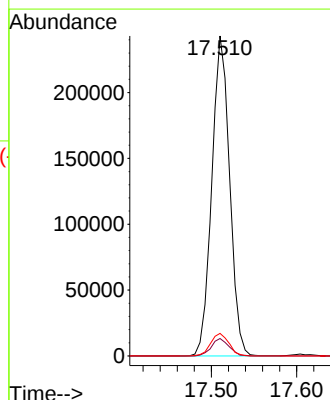
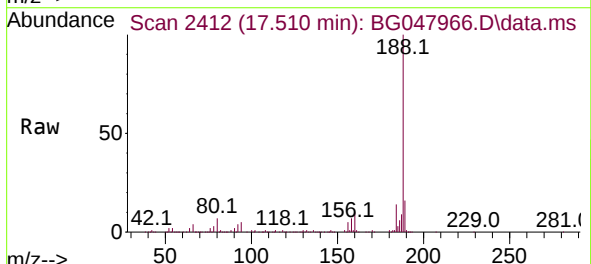
Instrument :
BNA_G
ClientSampleId :
PILE-2-(0.5-1.0)

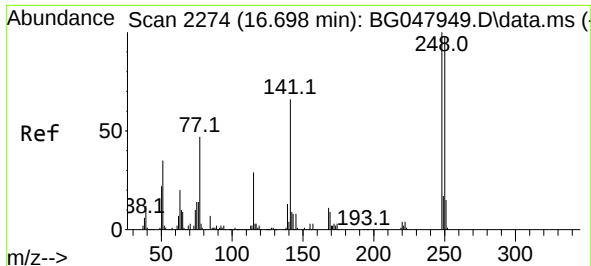
Tgt Ion:165 Resp: 19399
Ion Ratio Lower Upper
165 100
63 1.8 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.510 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

Tgt Ion:188 Resp: 352739
Ion Ratio Lower Upper
188 100
94 5.5 6.3 9.5#
80 7.1 7.0 10.6

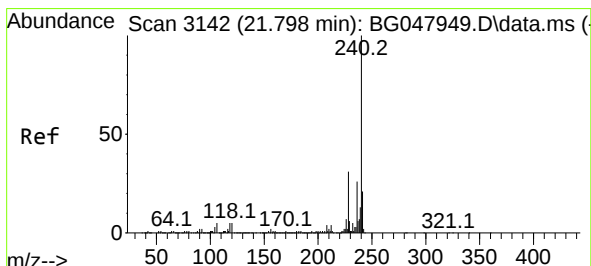
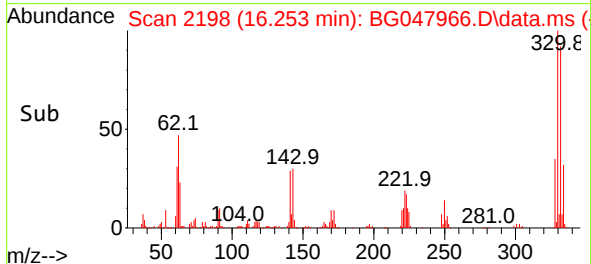
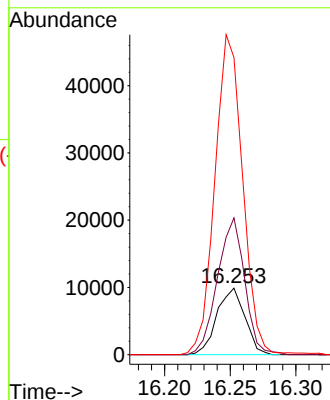
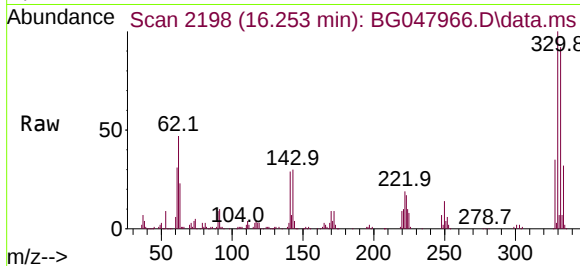




#67
4-Bromophenyl-phenylether
Concen: 3.14 ng
RT: 16.253 min Scan# 2198
Delta R.T. -0.446 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

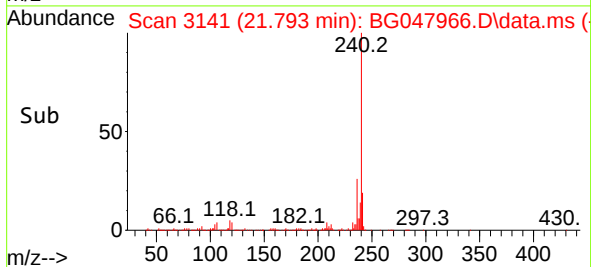
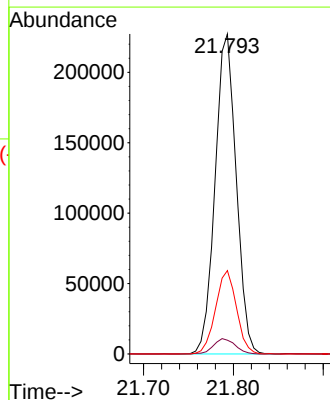
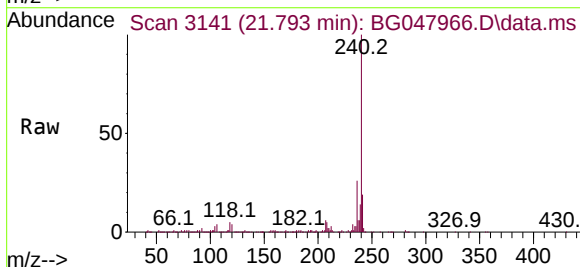
Instrument :
BNA_G
ClientSampleId :
PILE-2-(0.5-1.0)

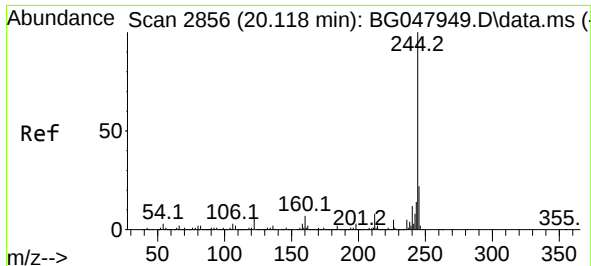
Tgt Ion:248 Resp: 14699
Ion Ratio Lower Upper
248 100
250 205.6 78.9 118.3#
141 446.5 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

Tgt Ion:240 Resp: 370363
Ion Ratio Lower Upper
240 100
120 4.3 6.2 9.4#
236 26.1 20.5 30.7

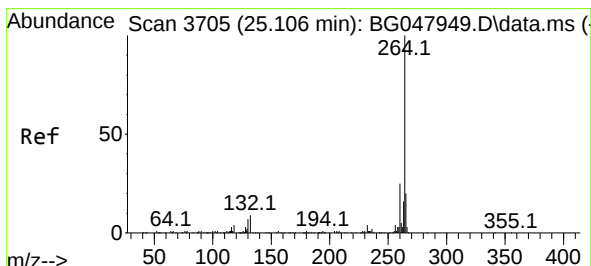
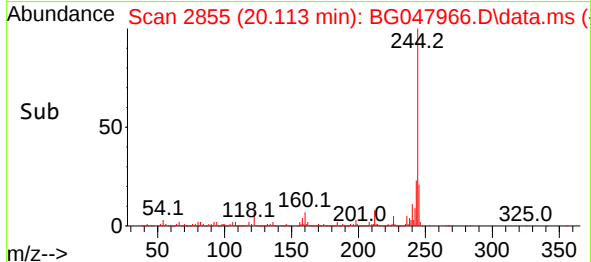
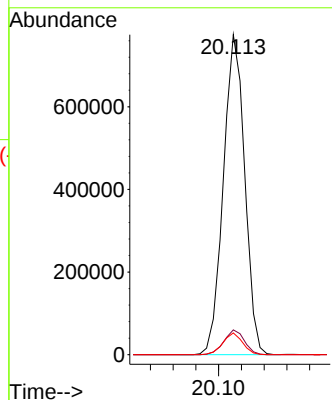
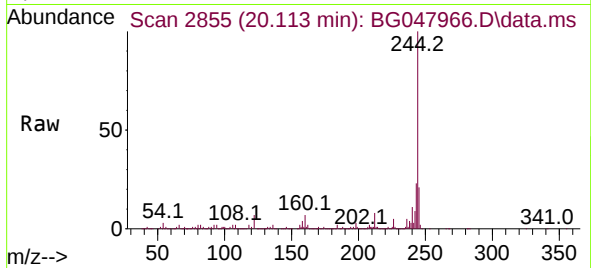




#79
Terphenyl-d14
Concen: 50.44 ng
RT: 20.113 min Scan# 2855
Delta R.T. -0.005 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

Instrument :
BNA_G
ClientSampleId :
PILE-2-(0.5-1.0)

Tgt Ion:244 Resp: 1010338
Ion Ratio Lower Upper
244 100
212 7.8 6.7 10.1
122 6.8 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.101 min Scan# 3704
Delta R.T. -0.005 min
Lab File: BG047966.D
Acq: 21 Jan 2021 23:26

Tgt Ion:264 Resp: 373724
Ion Ratio Lower Upper
264 100
260 25.4 18.8 28.2
265 21.3 17.8 26.8

