

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047988.D
 Acq On : 22 Jan 2021 21:43
 Operator : CG/JU
 Sample : M1207-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-010-A

Quant Time: Jan 22 22:27:13 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)

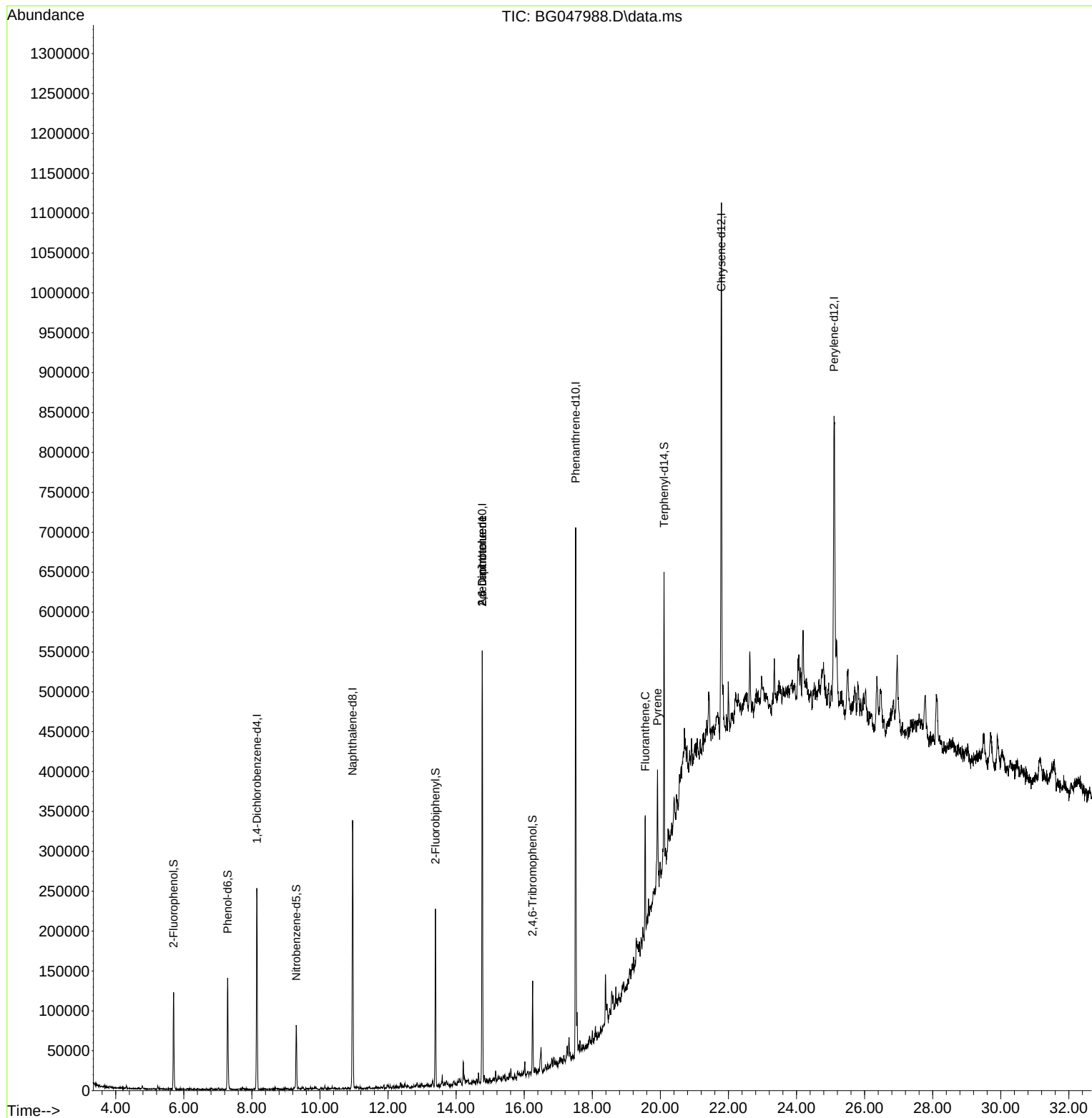
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	72068	20.00	ng	0.00
21) Naphthalene-d8	10.960	136	269585	20.00	ng	# 0.00
39) Acenaphthene-d10	14.767	164	192089	20.00	ng	0.00
64) Phenanthrene-d10	17.511	188	420685	20.00	ng	# 0.00
76) Chrysene-d12	21.794	240	425267	20.00	ng	# 0.00
86) Perylene-d12	25.102	264	430897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	48426	10.96	ng	0.00
7) Phenol-d6	7.288	99	72476	10.87	ng	0.00
23) Nitrobenzene-d5	9.303	82	47636	7.77	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	21751	7.08	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	112103	7.79	ng	0.00
79) Terphenyl-d14	20.108	244	162638	7.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	56	Below Cal	#	1
9) Benzaldehyde	7.276	77	169	Below Cal	#	1
32) Benzoic acid	10.161	122	61	Below Cal	#	1
51) 2,6-Dinitrotoluene	14.767	165	25405	7.90	ng	# 36
57) 2,4-Dinitrotoluene	14.767	165	25405	5.63	ng	# 34
75) Fluoranthene	19.556	202	99134	3.27	ng	95
78) Pyrene	19.914	202	91970	3.20	ng	96

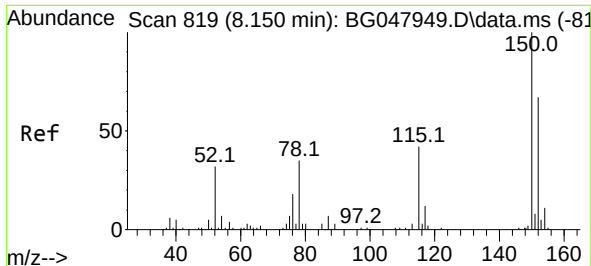
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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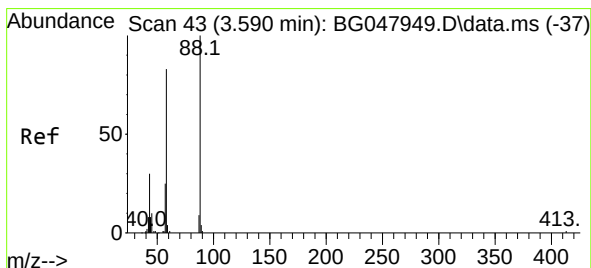
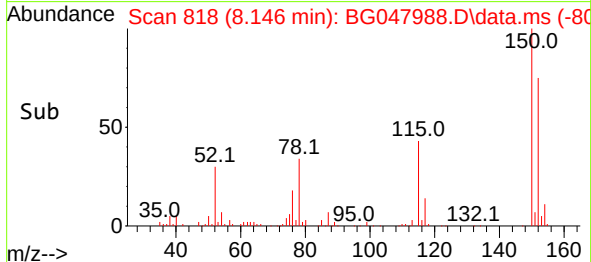
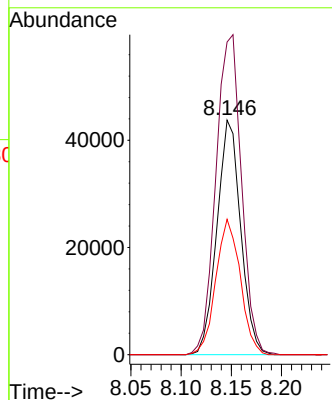
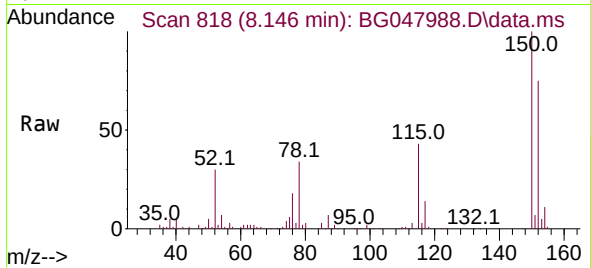




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.146 min Scan# 818
Delta R.T. -0.004 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

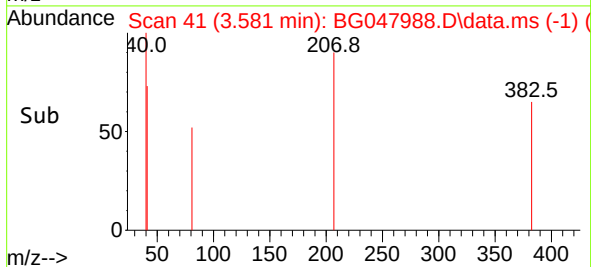
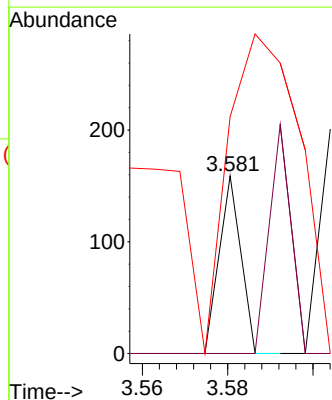
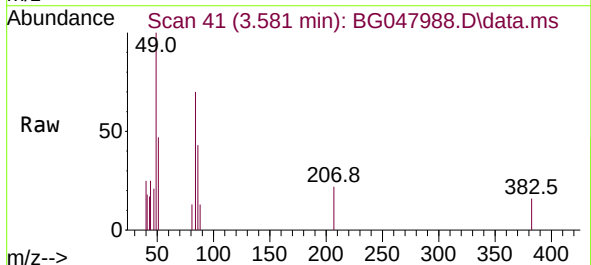
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-010-A

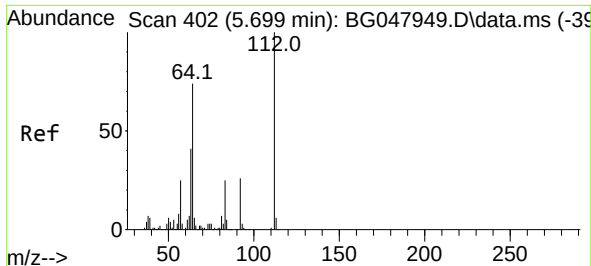
Tgt Ion:152 Resp: 72068
Ion Ratio Lower Upper
152 100
150 133.3 125.0 187.6
115 57.7 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.581 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
58 128.6 61.6 92.4#
43 591.1 21.3 31.9#

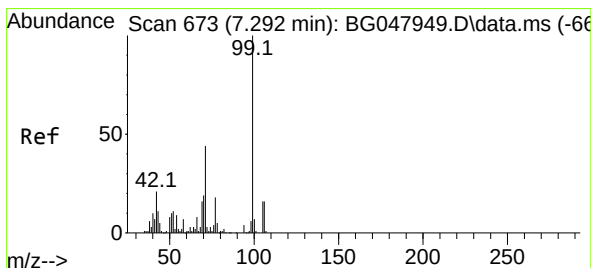
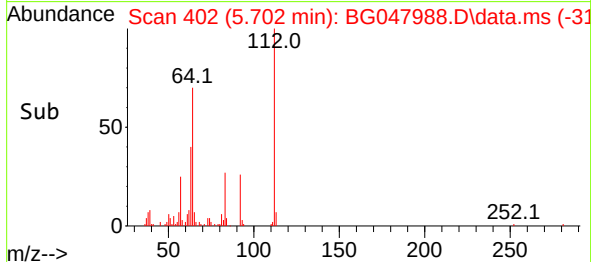
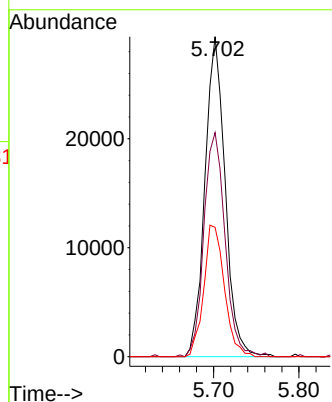
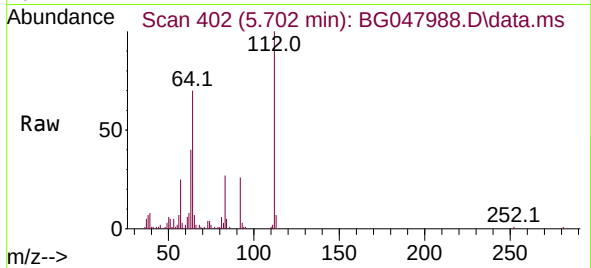




#5
2-Fluorophenol
Concen: 10.96 ng
RT: 5.702 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

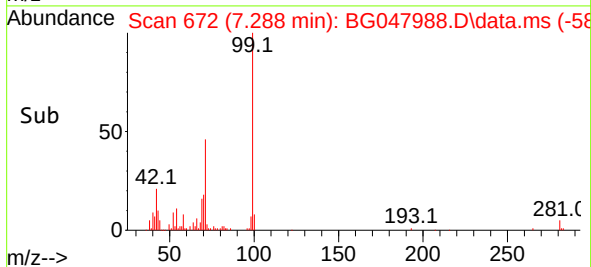
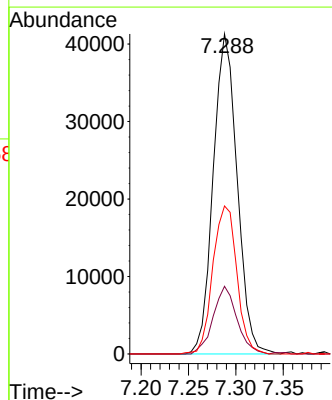
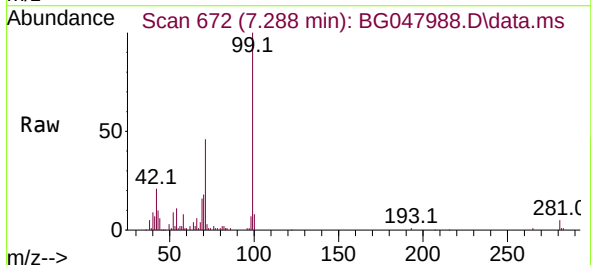
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-010-A

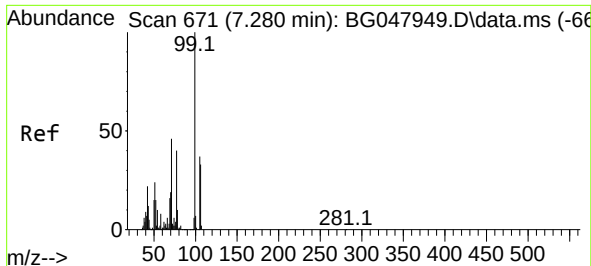
Tgt Ion:112 Resp: 48426
Ion Ratio Lower Upper
112 100
64 70.0 46.7 70.1
63 40.4 22.8 34.2#



#7
Phenol-d6
Concen: 10.87 ng
RT: 7.288 min Scan# 672
Delta R.T. -0.004 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

Tgt Ion: 99 Resp: 72476
Ion Ratio Lower Upper
99 100
42 21.2 12.8 19.2#
71 46.3 24.6 36.8#

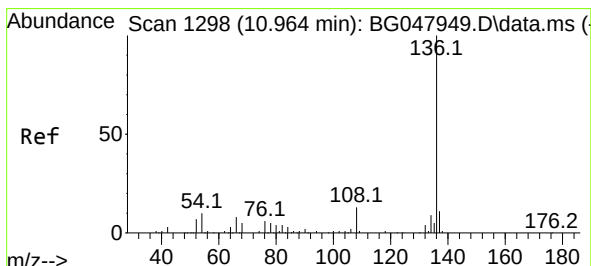
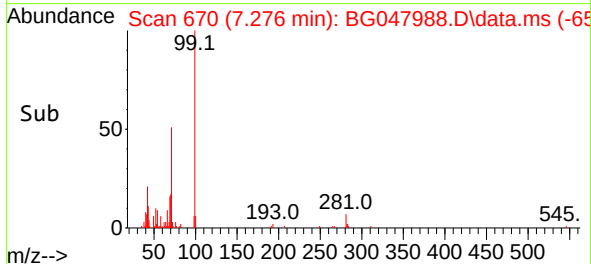
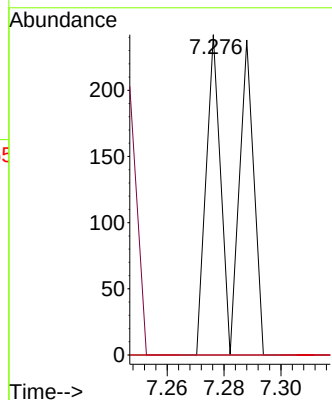
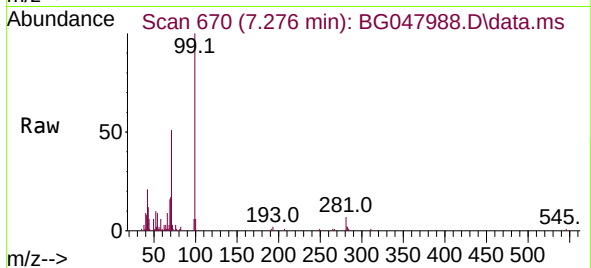




#9
Benzaldehyde
Concen: Below Cal
RT: 7.276 min Scan# 670
Delta R.T. -0.004 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

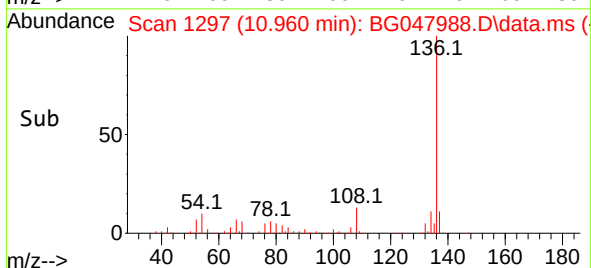
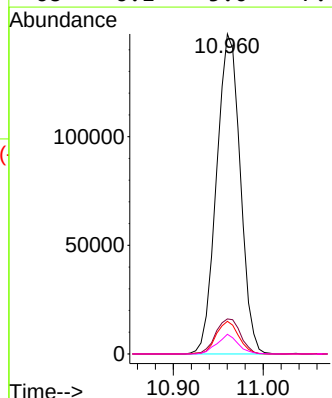
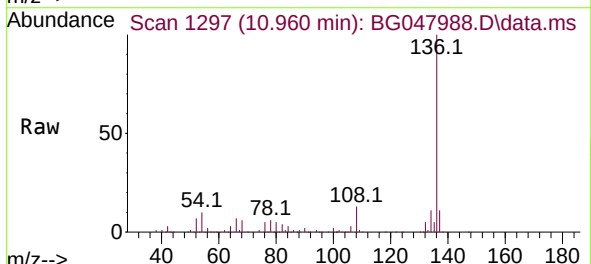
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-010-A

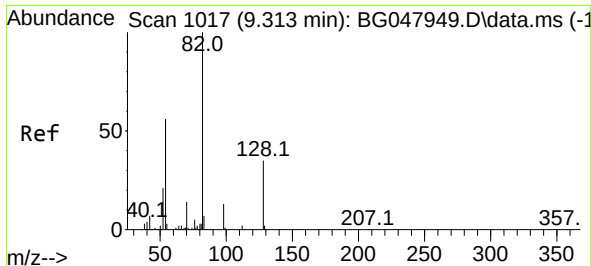
Tgt Ion: 77 Resp: 169
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.960 min Scan# 1297
Delta R.T. -0.004 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

Tgt Ion: 136 Resp: 269585
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.2 6.2 9.4#
68 6.1 5.0 7.4

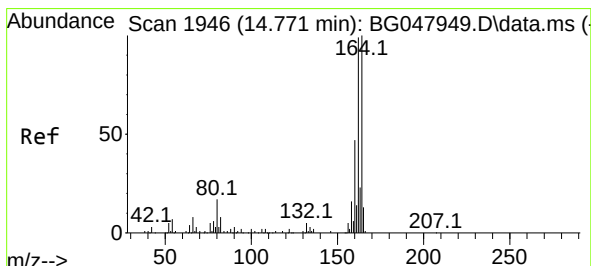
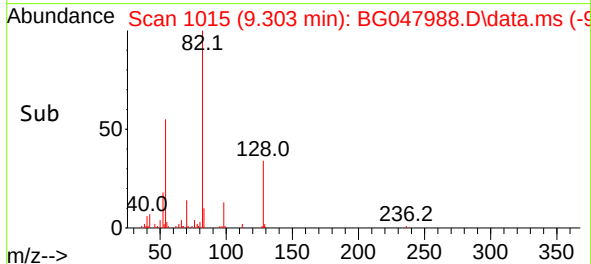
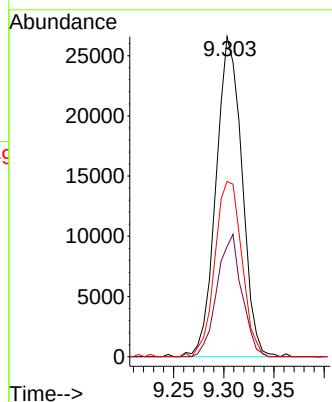
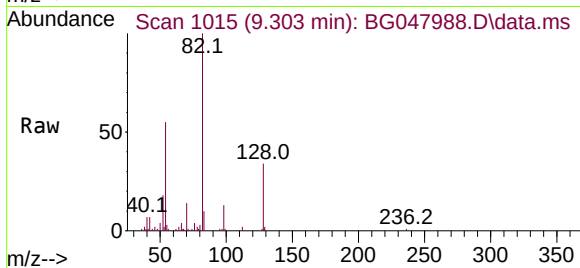




#23
Nitrobenzene-d5
Concen: 7.77 ng
RT: 9.303 min Scan# 1015
Delta R.T. -0.010 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

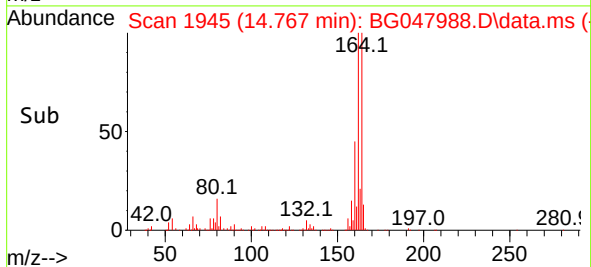
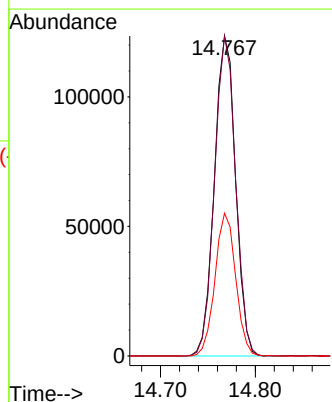
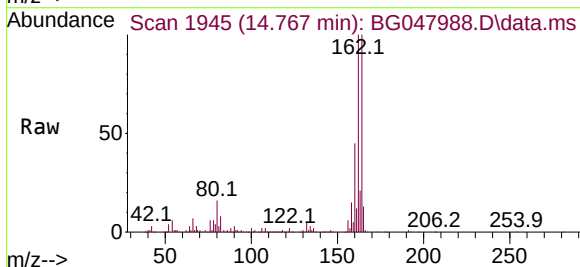
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ClientSampleId :
FK-SF-03-010-A

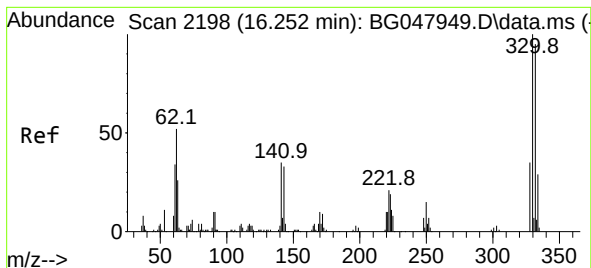
Tgt Ion: 82 Resp: 47636
Ion Ratio Lower Upper
82 100
128 34.4 37.0 55.6#
54 54.8 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.767 min Scan# 1945
Delta R.T. -0.004 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

Tgt Ion:164 Resp: 192089
Ion Ratio Lower Upper
164 100
162 100.0 82.3 123.5
160 44.6 35.3 52.9

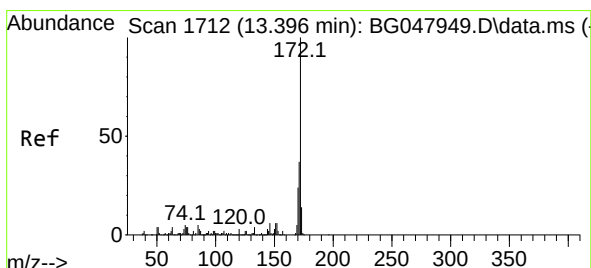
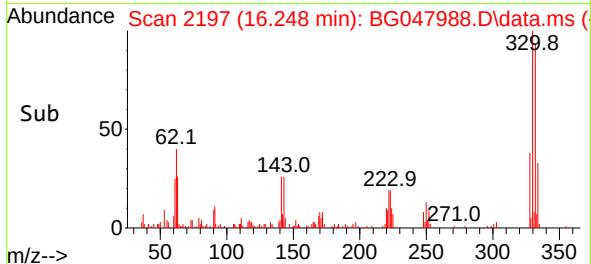
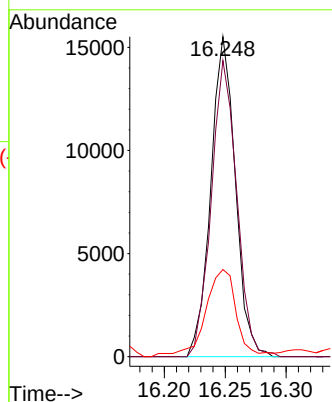
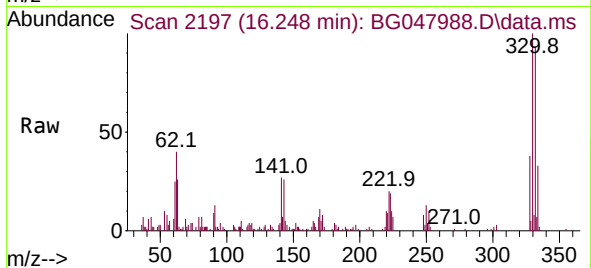




#42
2,4,6-Tribromophenol
Concen: 7.08 ng
RT: 16.248 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

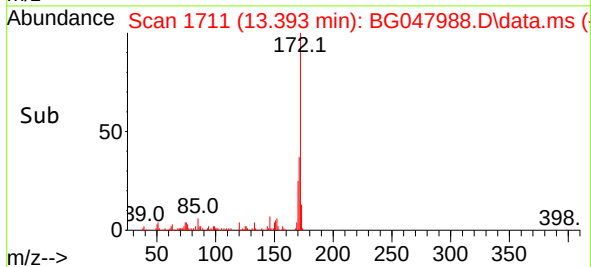
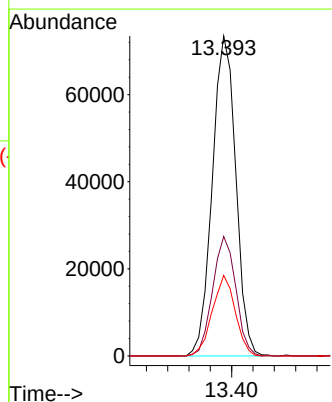
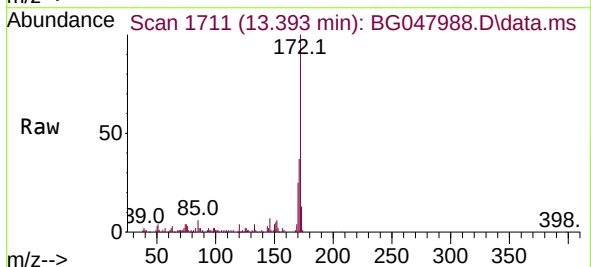
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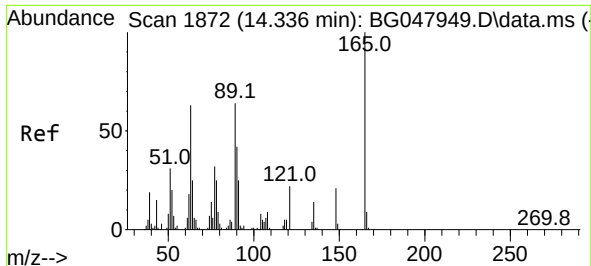
Tgt Ion:330 Resp: 21751
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 34.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 7.79 ng
RT: 13.393 min Scan# 1711
Delta R.T. -0.004 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

Tgt Ion:172 Resp: 112103
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 25.2 20.8 31.2

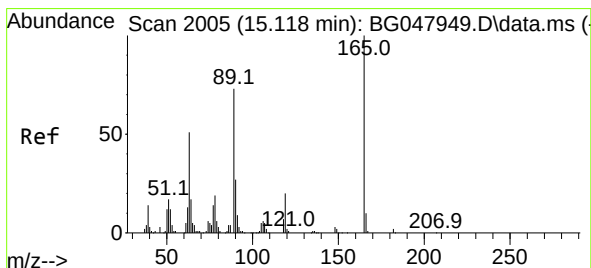
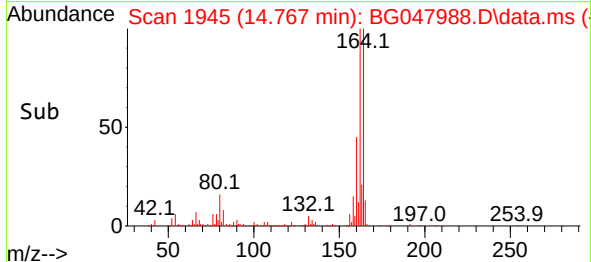
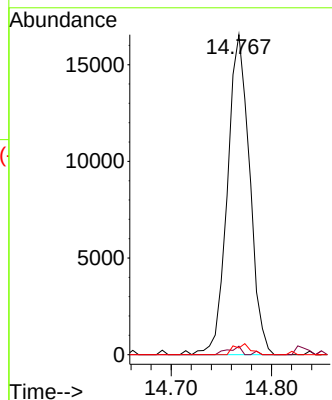
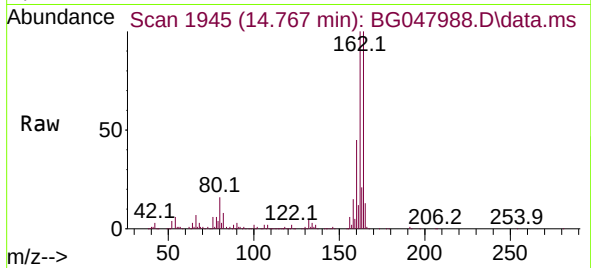




#51
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 14.767 min Scan# 1945
Delta R.T. 0.431 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

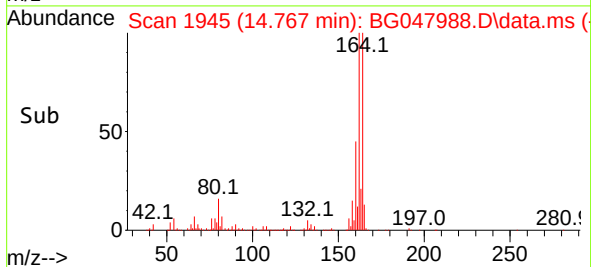
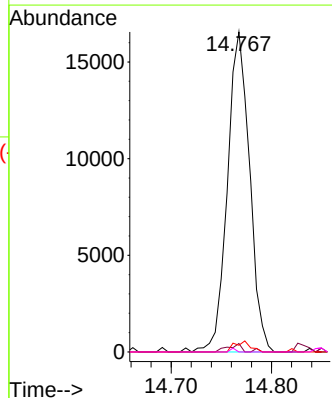
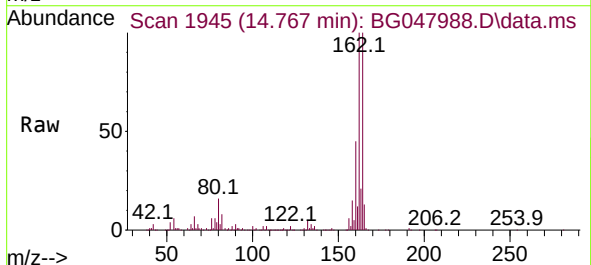
Instrument :
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ClientSampleId :
FK-SF-03-010-A

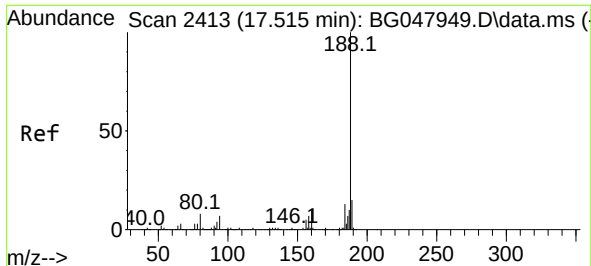
Tgt Ion:165 Resp: 25405
Ion Ratio Lower Upper
165 100
63 2.6 33.7 50.5#
89 2.1 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 14.767 min Scan# 1945
Delta R.T. -0.350 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

Tgt Ion:165 Resp: 25405
Ion Ratio Lower Upper
165 100
63 2.6 26.4 39.6#
89 2.1 47.8 71.8#
182 0.0 2.6 4.0#

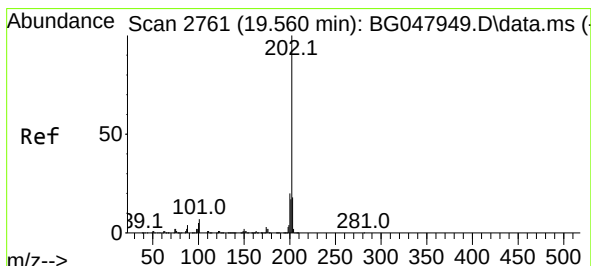
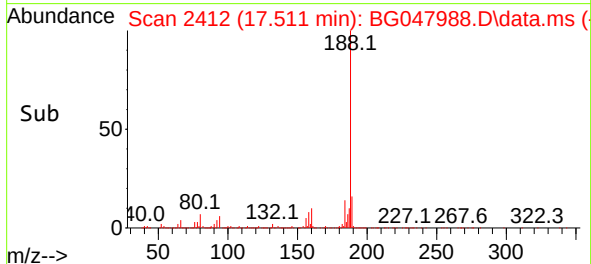
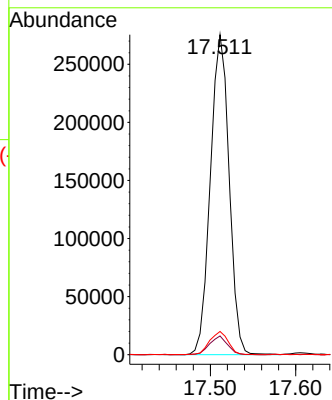
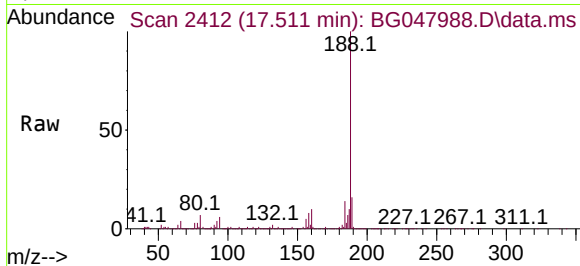




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.511 min Scan# 2412
Delta R.T. -0.004 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

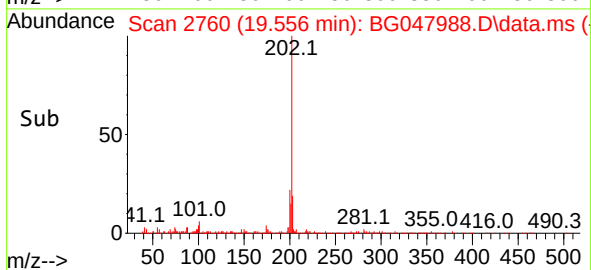
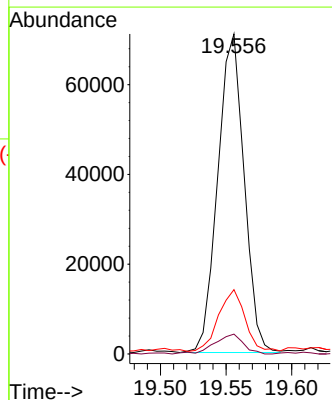
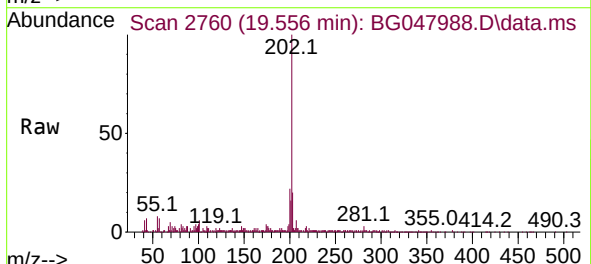
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-010-A

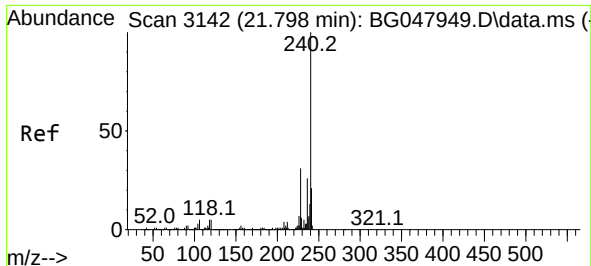
Tgt Ion:188 Resp: 420685
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.2 7.0 10.6



#75
Fluoranthene
Concen: 3.27 ng
RT: 19.556 min Scan# 2760
Delta R.T. -0.004 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

Tgt Ion:202 Resp: 99134
Ion Ratio Lower Upper
202 100
101 6.2 0.0 29.7
203 20.1 0.0 39.2

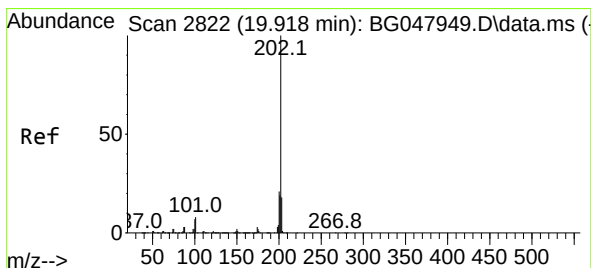
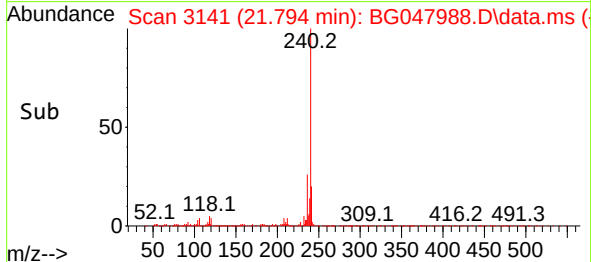
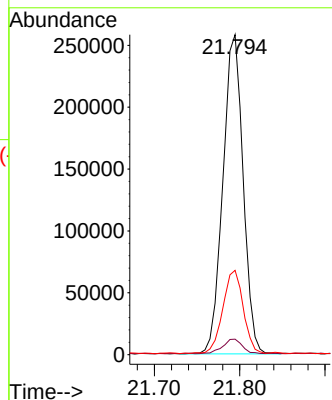
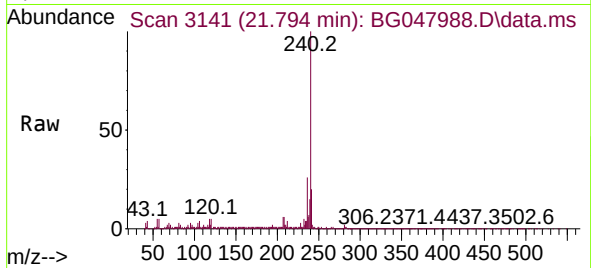




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.794 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

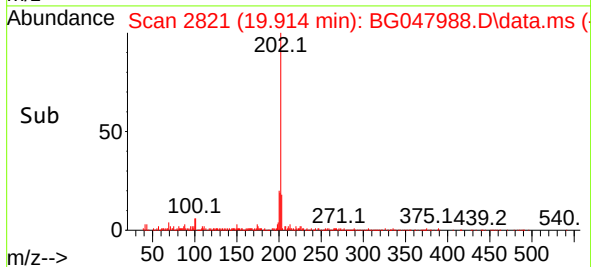
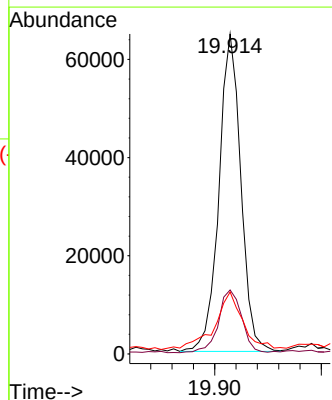
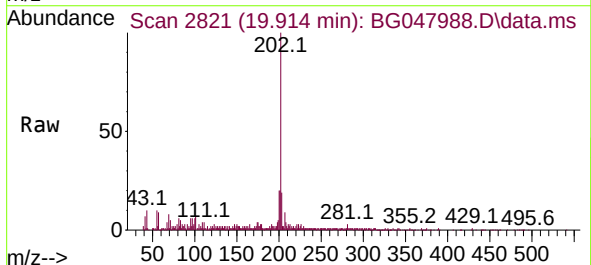
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-010-A

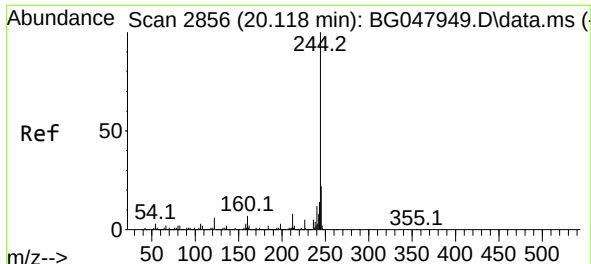
Tgt Ion:240 Resp: 425267
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 26.4 20.5 30.7



#78
Pyrene
Concen: 3.20 ng
RT: 19.914 min Scan# 2821
Delta R.T. -0.004 min
Lab File: BG047988.D
Acq: 22 Jan 2021 21:43

Tgt Ion:202 Resp: 91970
Ion Ratio Lower Upper
202 100
200 20.0 18.6 27.8
203 19.4 15.3 22.9

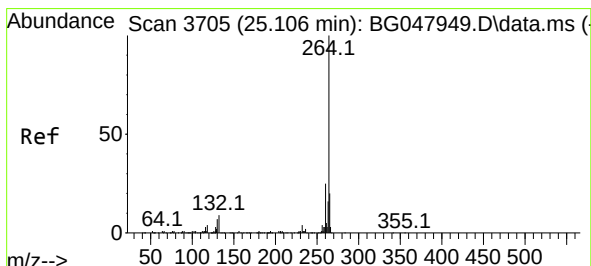
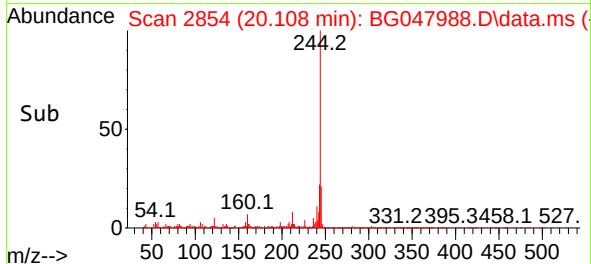
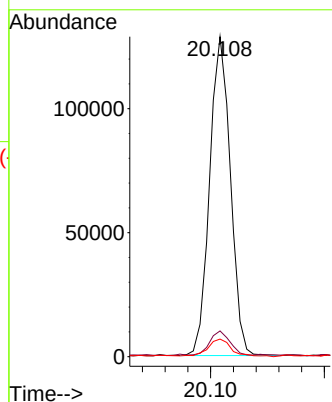
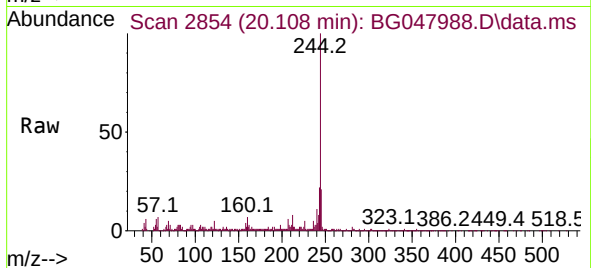




#79
 Terphenyl-d14
 Concen: 7.07 ng
 RT: 20.108 min Scan# 2854
 Delta R.T. -0.010 min
 Lab File: BG047988.D
 Acq: 22 Jan 2021 21:43

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-010-A

Tgt Ion:244 Resp: 162638
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.7 10.1
 122 5.5 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.102 min Scan# 3704
 Delta R.T. -0.004 min
 Lab File: BG047988.D
 Acq: 22 Jan 2021 21:43

Tgt Ion:264 Resp: 430897
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 22.5 17.8 26.8

