

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047986.D
 Acq On : 22 Jan 2021 20:21
 Operator : CG/JU
 Sample : M1208-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-011-B

Quant Time: Jan 22 22:26:43 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)

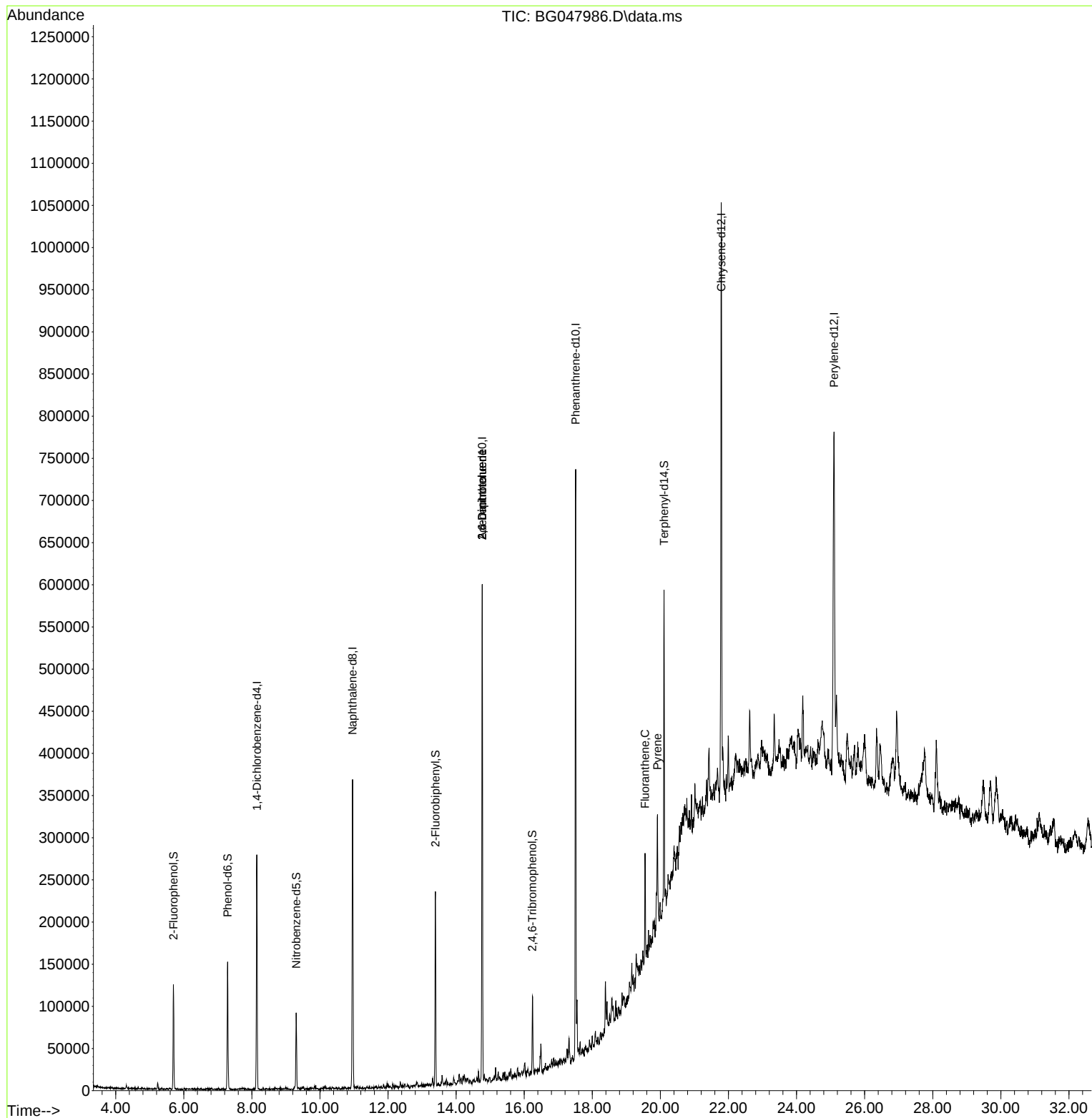
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	76308	20.00	ng	0.00
21) Naphthalene-d8	10.959	136	290179	20.00	ng	# 0.00
39) Acenaphthene-d10	14.766	164	204551	20.00	ng	0.00
64) Phenanthrene-d10	17.510	188	442529	20.00	ng	# 0.00
76) Chrysene-d12	21.788	240	451551	20.00	ng	#-0.01
86) Perylene-d12	25.101	264	472404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	49328	10.54	ng	0.00
7) Phenol-d6	7.287	99	76692	10.86	ng	0.00
23) Nitrobenzene-d5	9.302	82	52205	7.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.241	330	17672	5.40	ng	-0.01
45) 2-Fluorobiphenyl	13.392	172	124269	8.11	ng	0.00
79) Terphenyl-d14	20.107	244	173165	7.09	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.591	88	66	Below Cal	#	1
9) Benzaldehyde	7.281	77	271	Below Cal	#	1
51) 2,6-Dinitrotoluene	14.766	165	28105	8.21	ng	# 34
57) 2,4-Dinitrotoluene	14.766	165	28105	5.85	ng	# 33
75) Fluoranthene	19.549	202	81725	2.57	ng	95
78) Pyrene	19.913	202	80852	2.65	ng	96

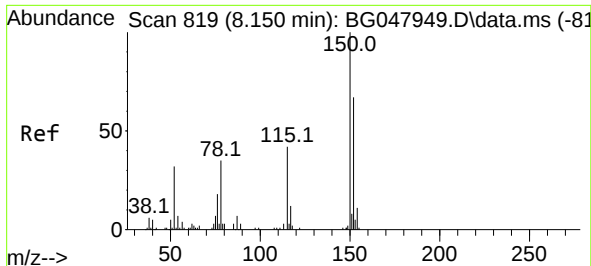
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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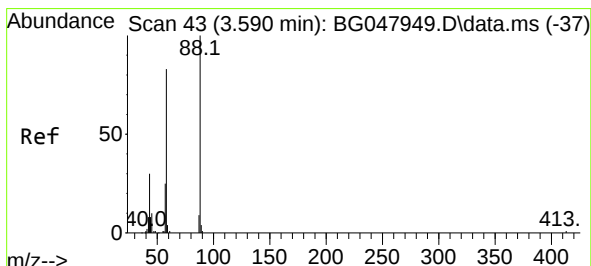
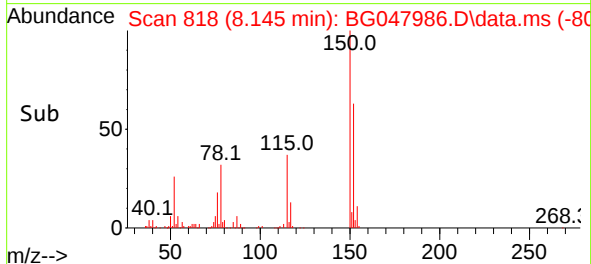
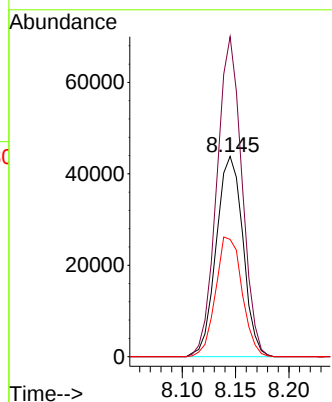
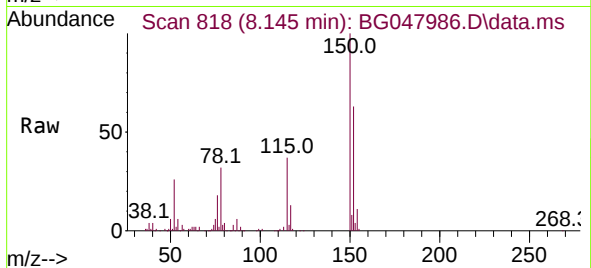




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.145 min Scan# 818
Delta R.T. -0.005 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

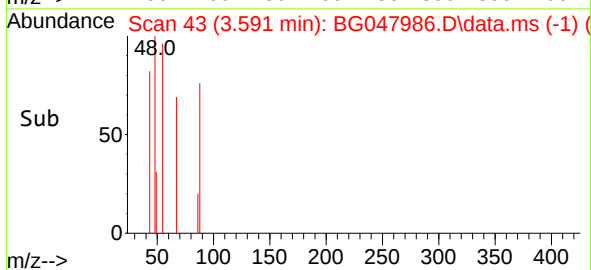
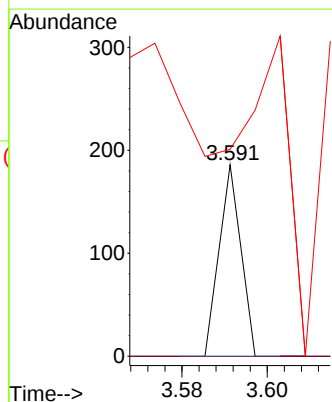
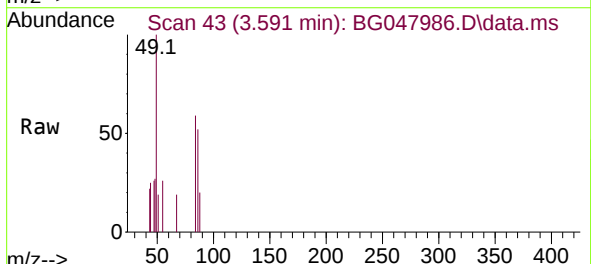
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-011-B

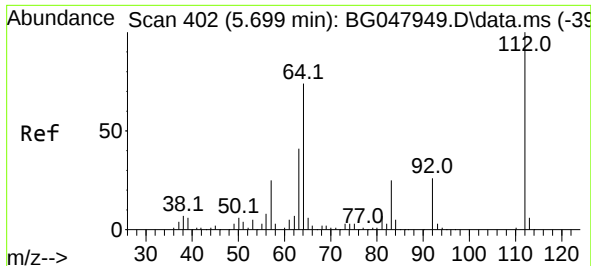
Tgt Ion:152 Resp: 76308
Ion Ratio Lower Upper
152 100
150 159.8 125.0 187.6
115 58.6 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.591 min Scan# 43
Delta R.T. 0.001 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
58 0.0 61.6 92.4#
43 551.5 21.3 31.9#

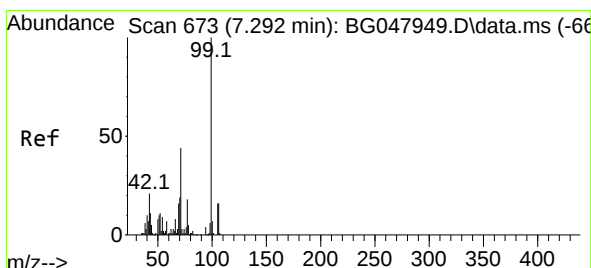
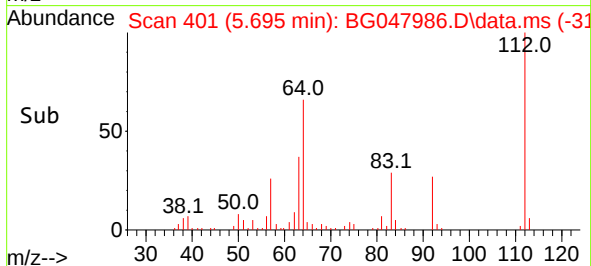
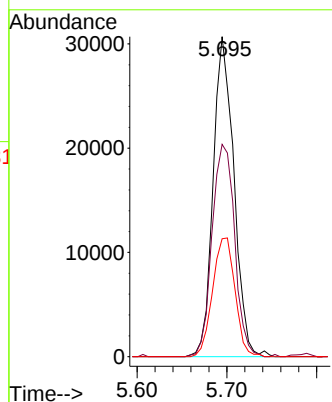
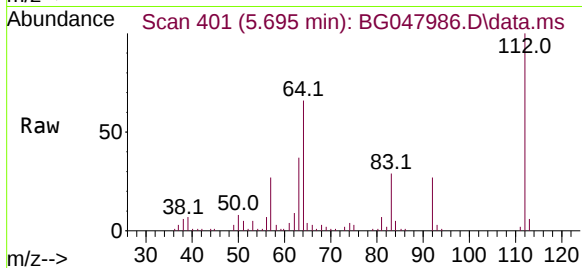




#5
2-Fluorophenol
Concen: 10.54 ng
RT: 5.695 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

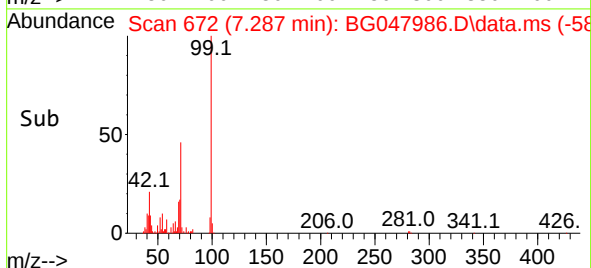
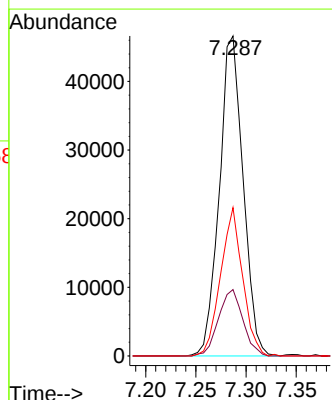
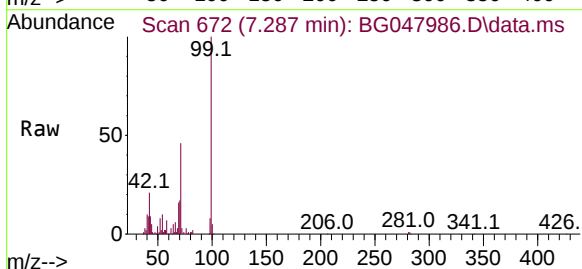
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-011-B

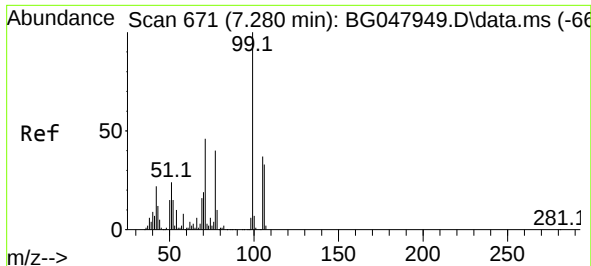
Tgt Ion:112 Resp: 49328
Ion Ratio Lower Upper
112 100
64 66.3 46.7 70.1
63 36.9 22.8 34.2#



#7
Phenol-d6
Concen: 10.86 ng
RT: 7.287 min Scan# 672
Delta R.T. -0.005 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

Tgt Ion: 99 Resp: 76692
Ion Ratio Lower Upper
99 100
42 20.8 12.8 19.2#
71 46.4 24.6 36.8#

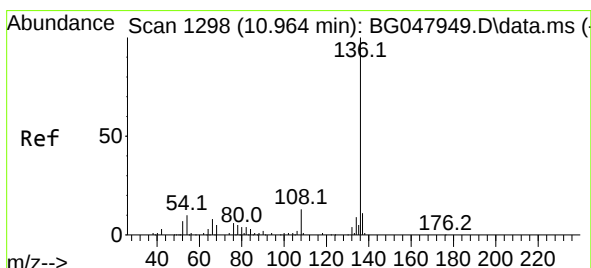
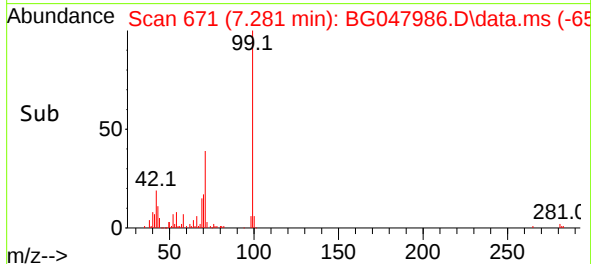
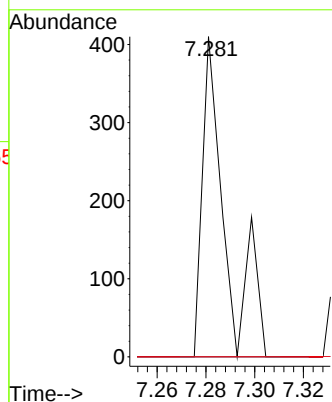
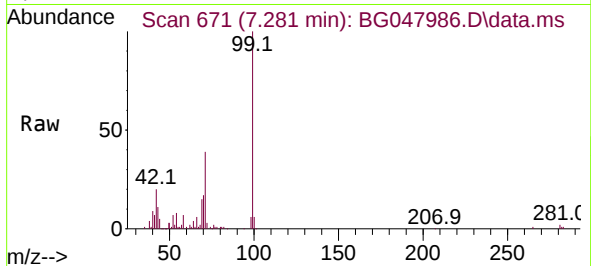




#9
Benzaldehyde
Concen: Below Cal
RT: 7.281 min Scan# 671
Delta R.T. 0.001 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

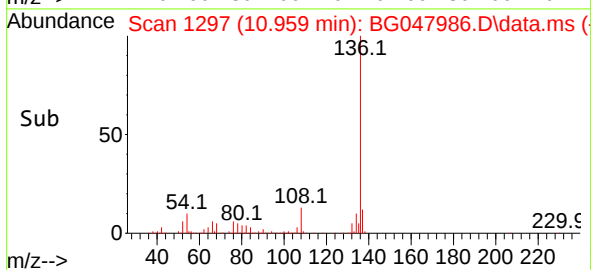
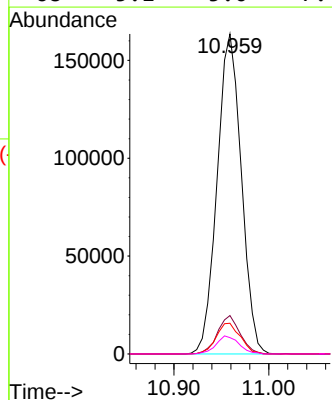
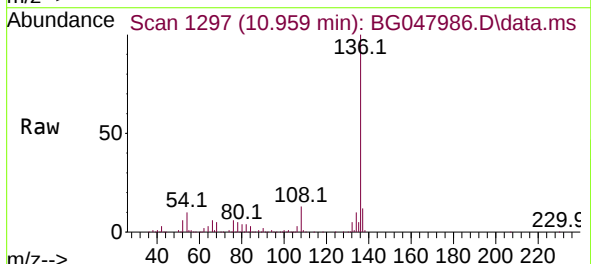
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-011-B

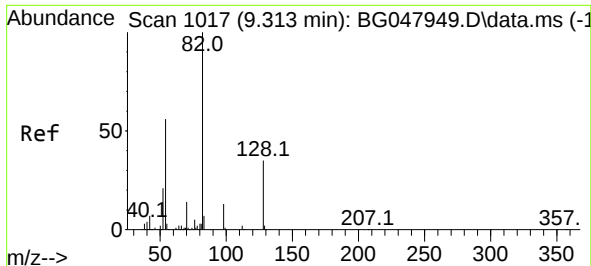
Tgt Ion: 77 Resp: 271
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.959 min Scan# 1297
Delta R.T. -0.005 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

Tgt Ion: 136 Resp: 290179
Ion Ratio Lower Upper
136 100
137 12.0 9.1 13.7
54 9.6 6.2 9.4#
68 5.1 5.0 7.4

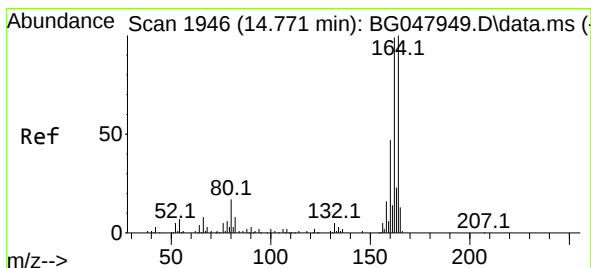
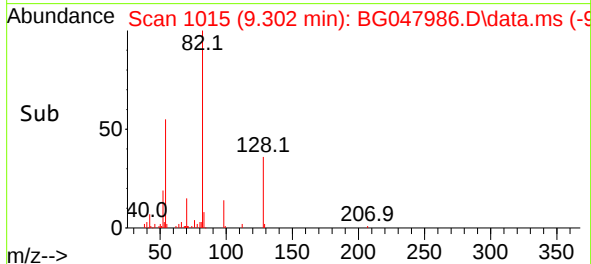
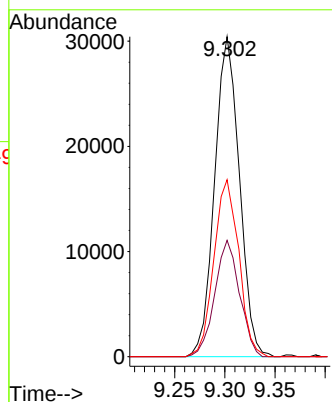
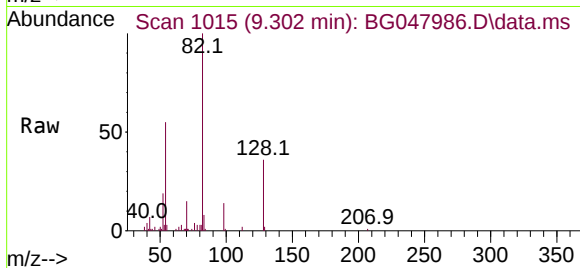




#23
Nitrobenzene-d5
Concen: 7.91 ng
RT: 9.302 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

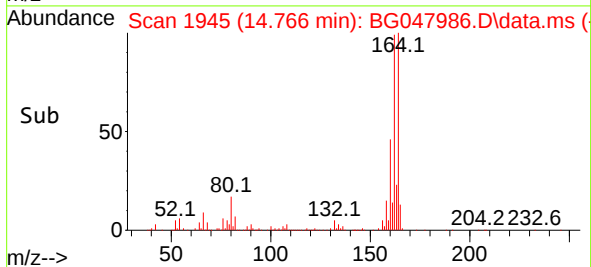
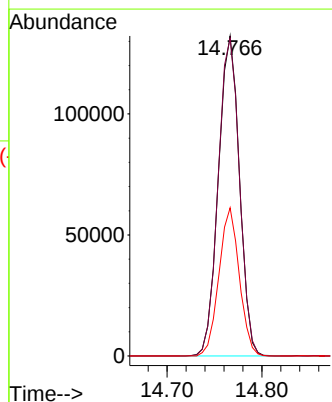
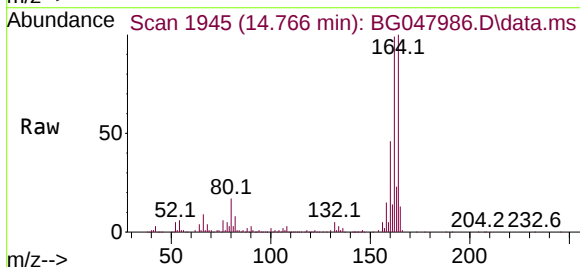
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-011-B

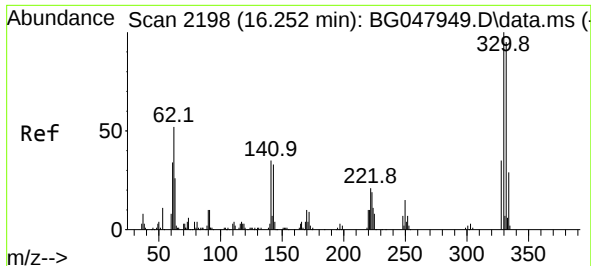
Tgt Ion: 82 Resp: 52205
Ion Ratio Lower Upper
82 100
128 36.3 37.0 55.6#
54 55.3 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.766 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

Tgt Ion: 164 Resp: 204551
Ion Ratio Lower Upper
164 100
162 99.3 82.3 123.5
160 46.3 35.3 52.9

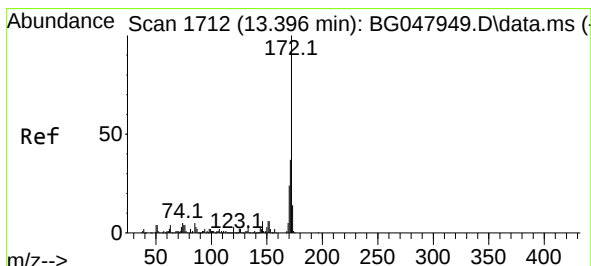
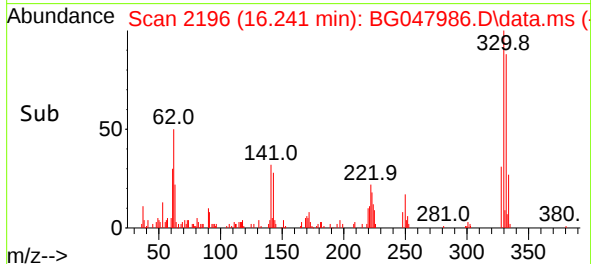
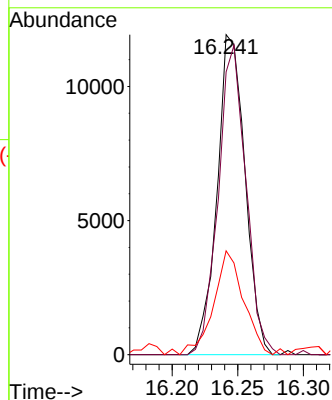
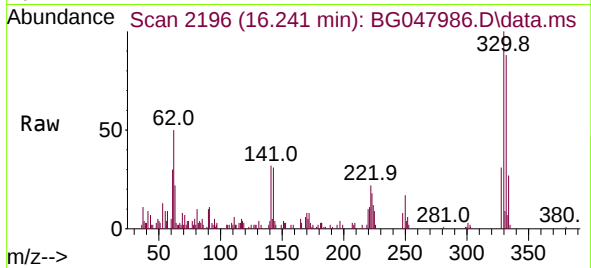




#42
2,4,6-Tribromophenol
Concen: 5.40 ng
RT: 16.241 min Scan# 2196
Delta R.T. -0.011 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

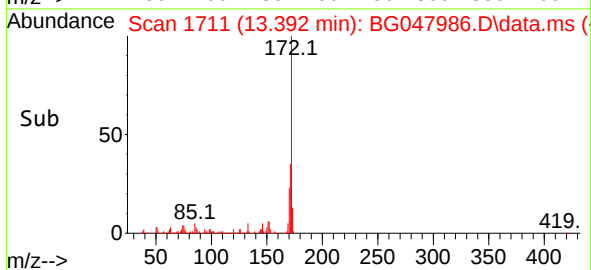
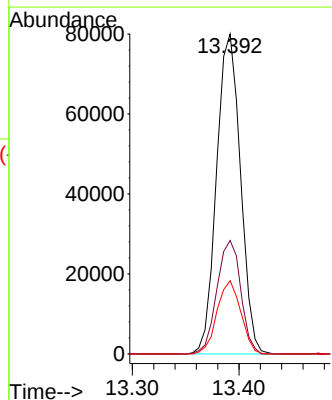
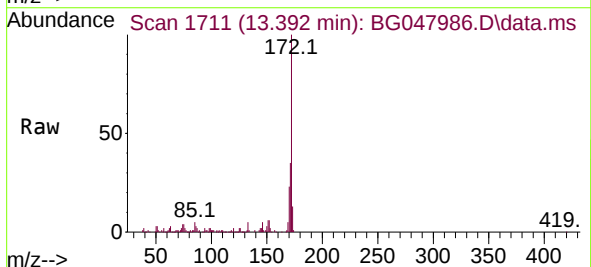
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ClientSampleId :
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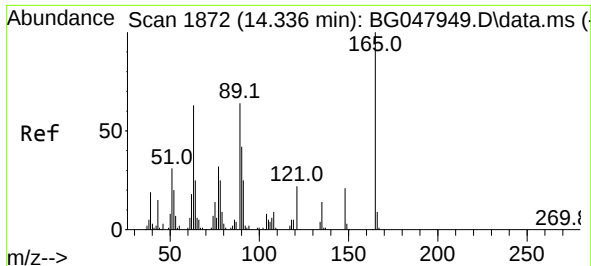
Tgt Ion:330 Resp: 17672
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 34.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 8.11 ng
RT: 13.392 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

Tgt Ion:172 Resp: 124269
Ion Ratio Lower Upper
172 100
171 35.4 31.3 46.9
170 22.9 20.8 31.2

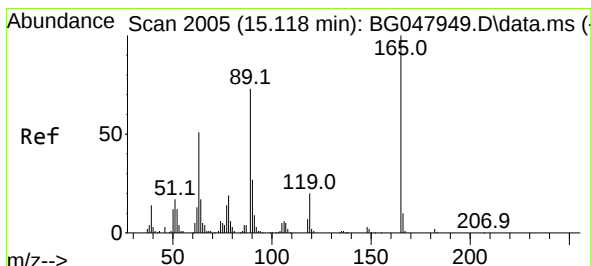
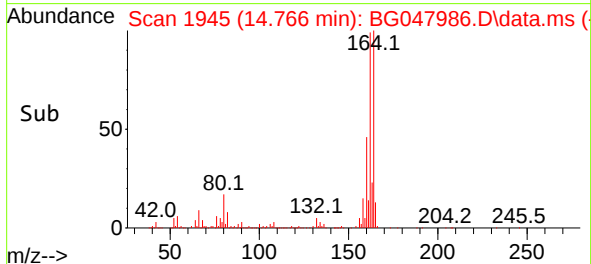
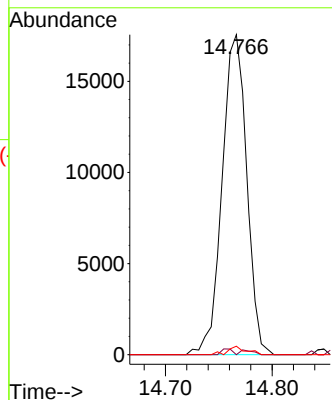
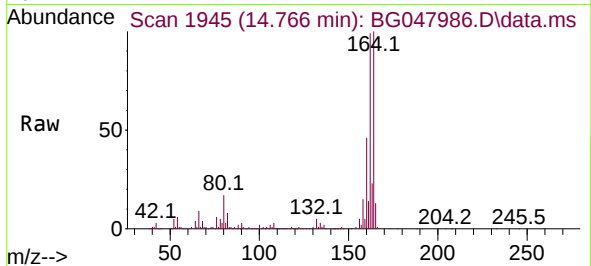




#51
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 14.766 min Scan# 1945
Delta R.T. 0.430 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

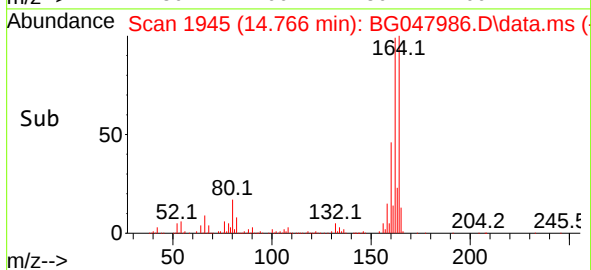
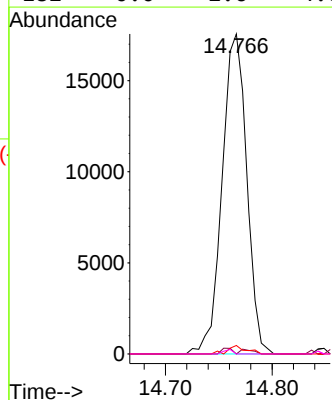
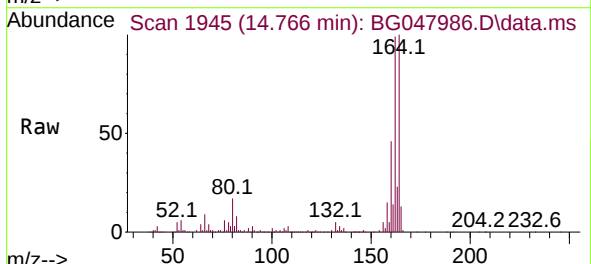
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-011-B

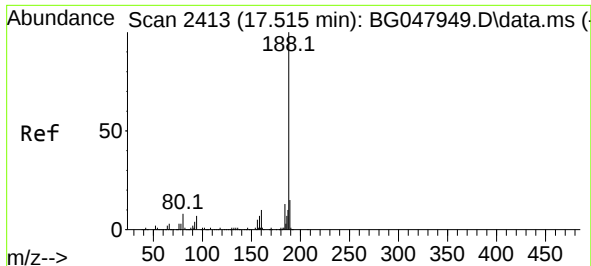
Tgt Ion:165 Resp: 28105
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.7 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 14.766 min Scan# 1945
Delta R.T. -0.351 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

Tgt Ion:165 Resp: 28105
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.7 47.8 71.8#
182 0.0 2.6 4.0#

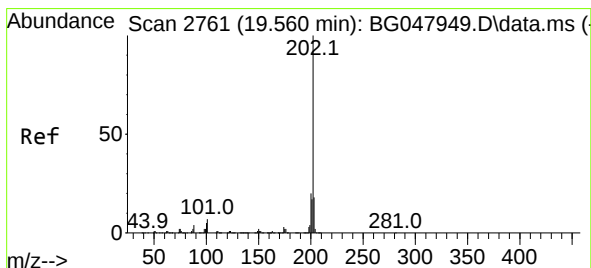
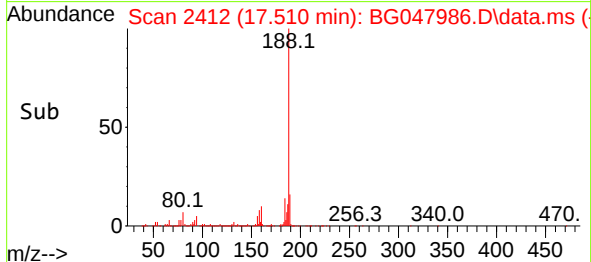
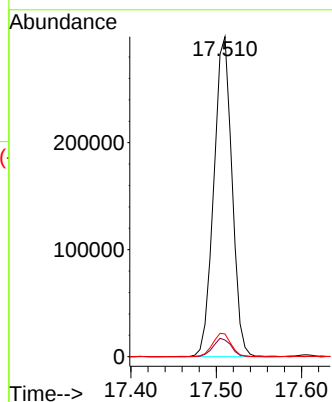
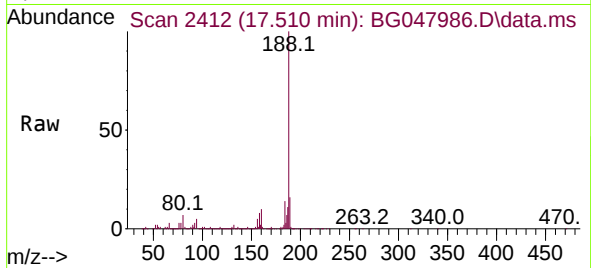




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.510 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

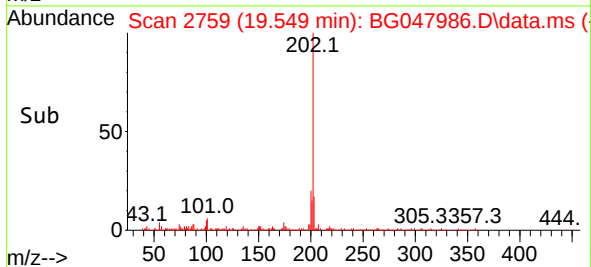
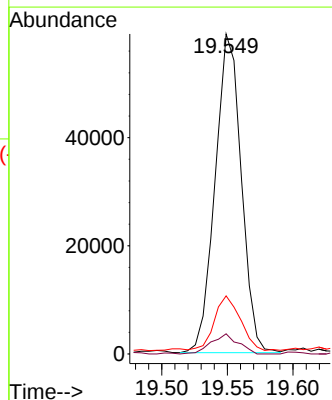
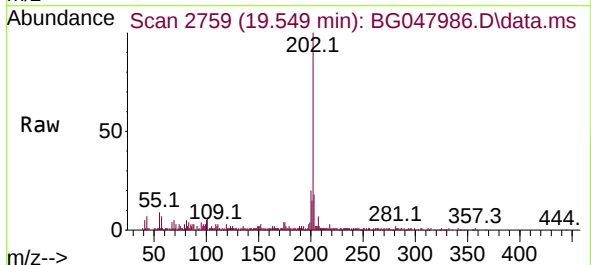
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-011-B

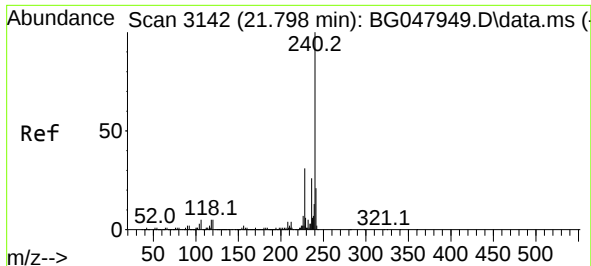
Tgt Ion:188 Resp: 442529
Ion Ratio Lower Upper
188 100
94 5.2 6.3 9.5#
80 7.1 7.0 10.6



#75
Fluoranthene
Concen: 2.57 ng
RT: 19.549 min Scan# 2759
Delta R.T. -0.011 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

Tgt Ion:202 Resp: 81725
Ion Ratio Lower Upper
202 100
101 6.3 0.0 29.7
203 18.2 0.0 39.2

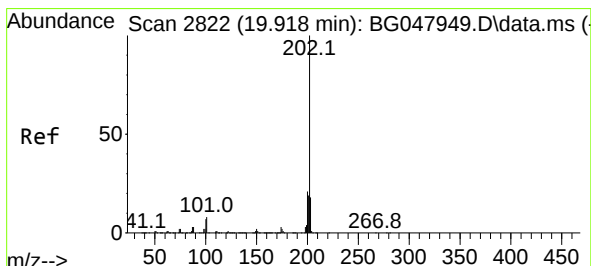
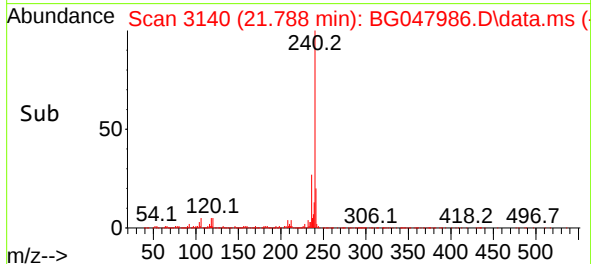
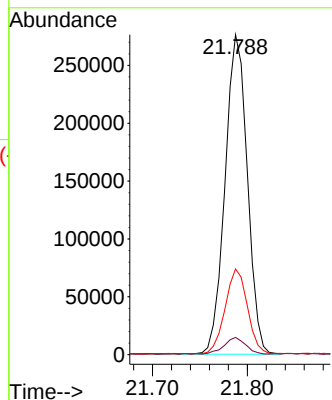
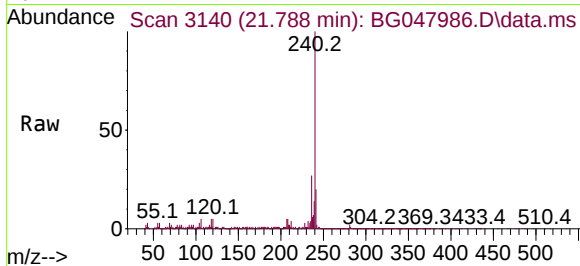




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.011 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

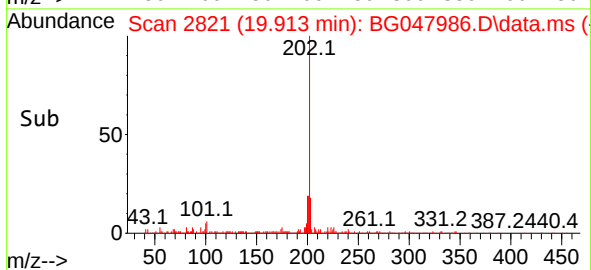
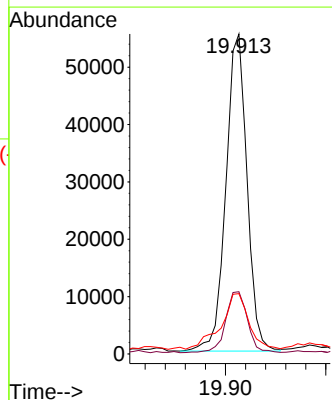
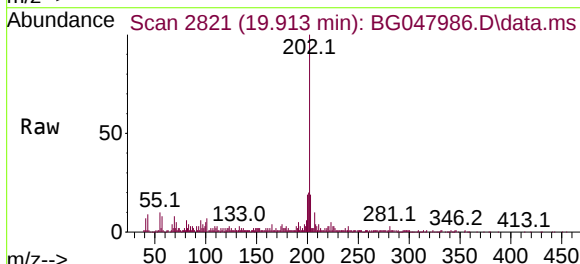
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-011-B

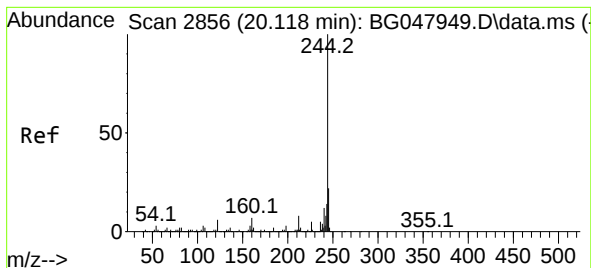
Tgt Ion:240 Resp: 451551
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 26.8 20.5 30.7



#78
Pyrene
Concen: 2.65 ng
RT: 19.913 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BG047986.D
Acq: 22 Jan 2021 20:21

Tgt Ion:202 Resp: 80852
Ion Ratio Lower Upper
202 100
200 19.5 18.6 27.8
203 18.8 15.3 22.9





#79

Terphenyl-d14

Concen: 7.09 ng

RT: 20.107 min Scan# 2854

Delta R.T. -0.011 min

Lab File: BG047986.D

Acq: 22 Jan 2021 20:21

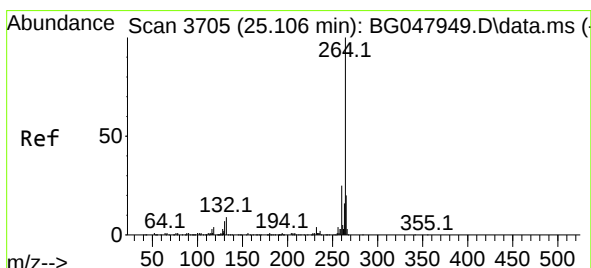
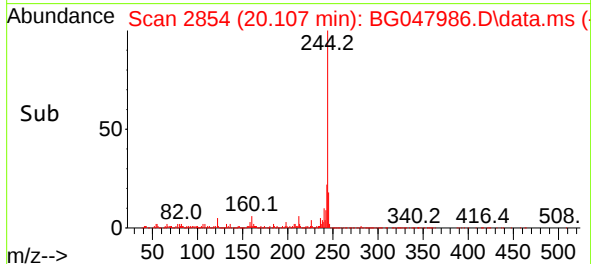
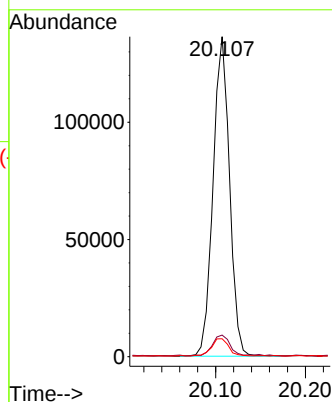
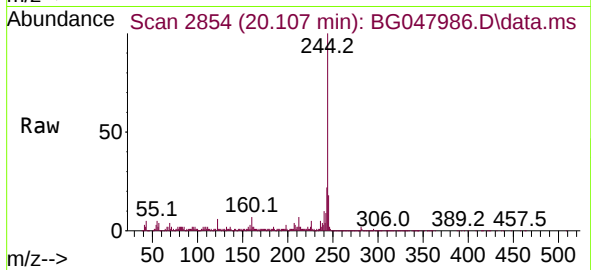
Tgt Ion:244	Resp:	173165
Ion Ratio	Lower	Upper
244	100	
212	6.7	6.7 10.1
122	5.6	7.8 11.6#

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-011-B



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.101 min Scan# 3704

Delta R.T. -0.005 min

Lab File: BG047986.D

Acq: 22 Jan 2021 20:21

Tgt Ion:264	Resp:	472404
Ion Ratio	Lower	Upper
264	100	
260	25.1	18.8 28.2
265	22.2	17.8 26.8

