

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047987.D
 Acq On : 22 Jan 2021 21:02
 Operator : CG/JU
 Sample : M1208-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 22 22:26:58 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)

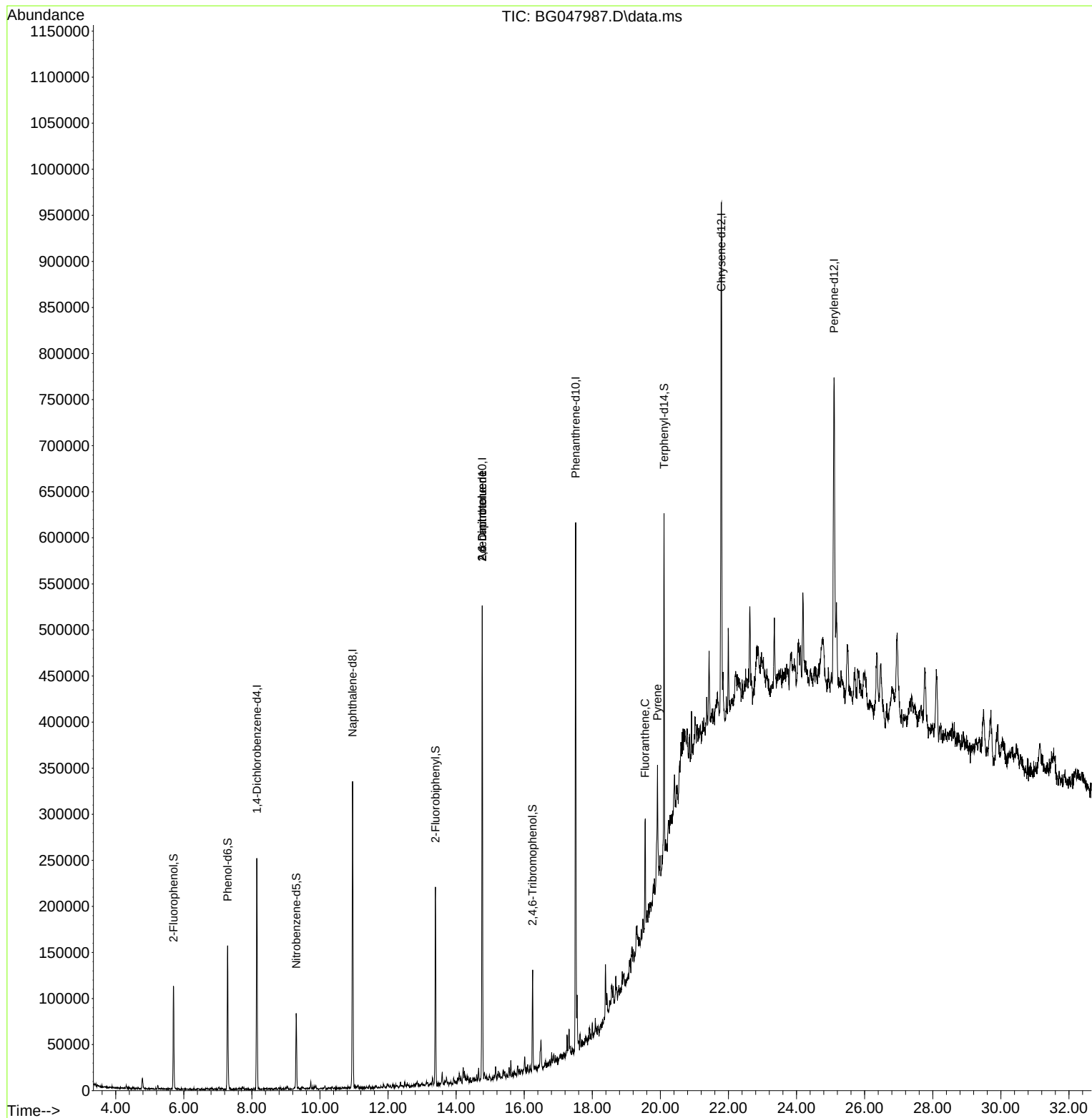
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	68516	20.00	ng	0.00
21) Naphthalene-d8	10.959	136	257606	20.00	ng	# 0.00
39) Acenaphthene-d10	14.767	164	174097	20.00	ng	0.00
64) Phenanthrene-d10	17.511	188	372853	20.00	ng	# 0.00
76) Chrysene-d12	21.788	240	376655	20.00	ng	#-0.01
86) Perylene-d12	25.102	264	397026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	46544	11.08	ng	0.00
7) Phenol-d6	7.287	99	70511	11.12	ng	0.00
23) Nitrobenzene-d5	9.302	82	47880	8.17	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	21480	7.71	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	115351	8.85	ng	0.00
79) Terphenyl-d14	20.107	244	161296	7.92	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.639	88	68	Below Cal	#	1
9) Benzaldehyde	7.293	77	71	Below Cal	#	1
51) 2,6-Dinitrotoluene	14.767	165	22549	7.74	ng	# 36
57) 2,4-Dinitrotoluene	14.767	165	22549	5.52	ng	# 34
75) Fluoranthene	19.549	202	73988	2.76	ng	97
78) Pyrene	19.914	202	69933	2.74	ng	97

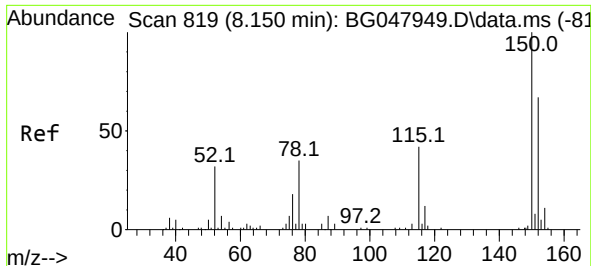
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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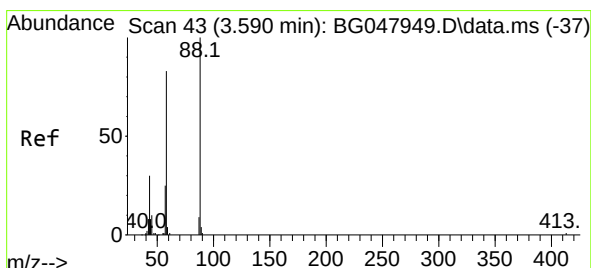
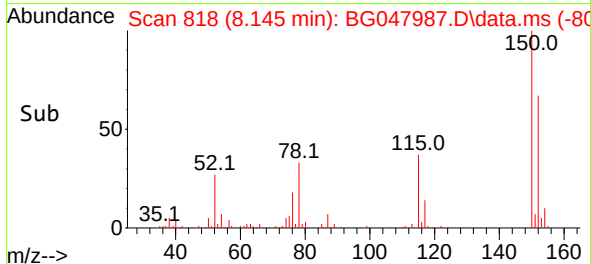
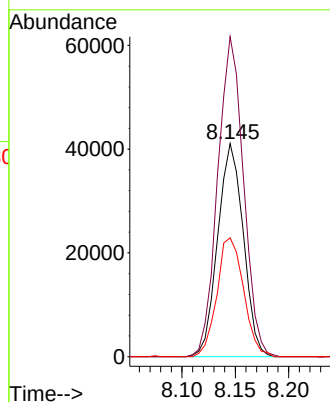
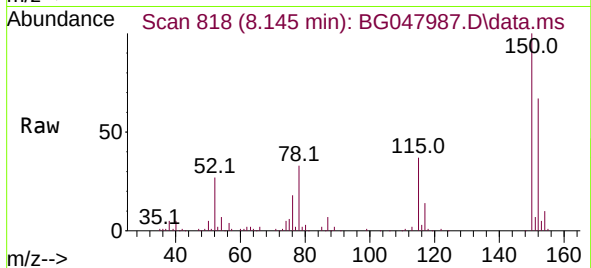




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.145 min Scan# 818
 Delta R.T. -0.005 min
 Lab File: BG047987.D
 Acq: 22 Jan 2021 21:02

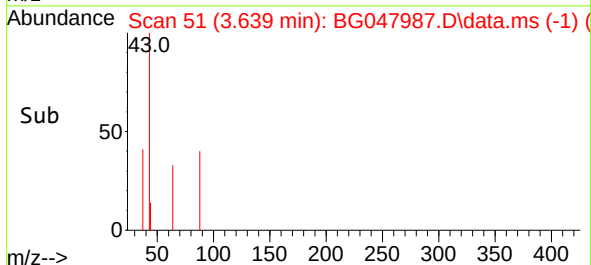
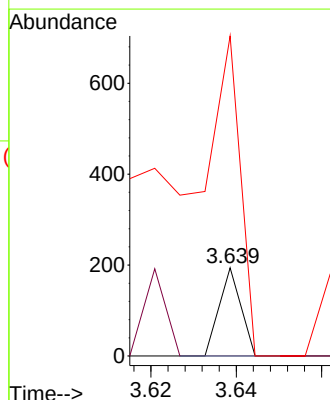
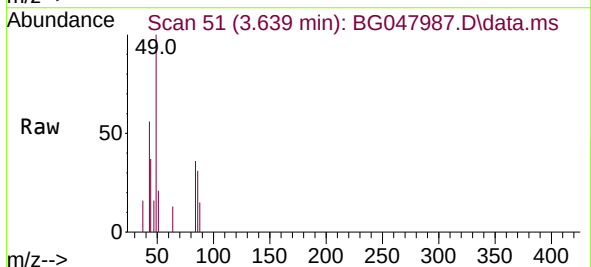
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-011-A

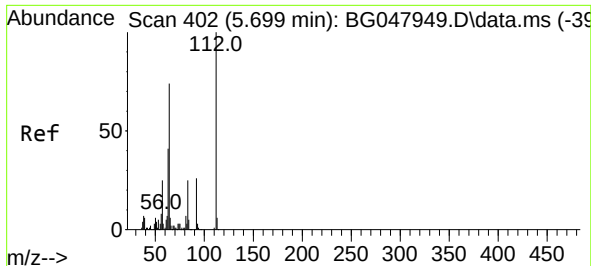
Tgt Ion:152 Resp: 68516
 Ion Ratio Lower Upper
 152 100
 150 150.1 125.0 187.6
 115 55.8 41.8 62.6



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.639 min Scan# 51
 Delta R.T. 0.049 min
 Lab File: BG047987.D
 Acq: 22 Jan 2021 21:02

Tgt Ion: 88 Resp: 68
 Ion Ratio Lower Upper
 88 100
 58 100.0 61.6 92.4#
 43 1238.2 21.3 31.9#

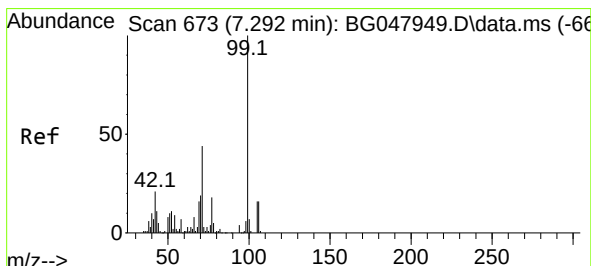
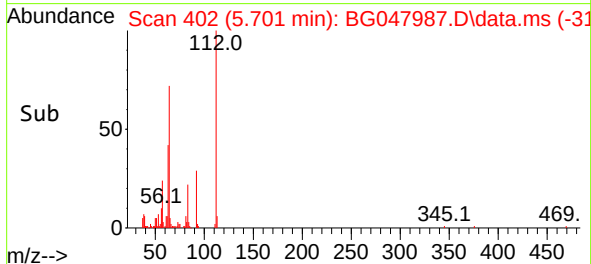
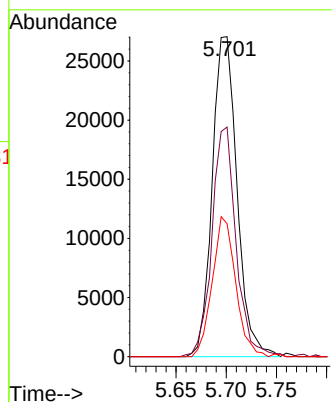
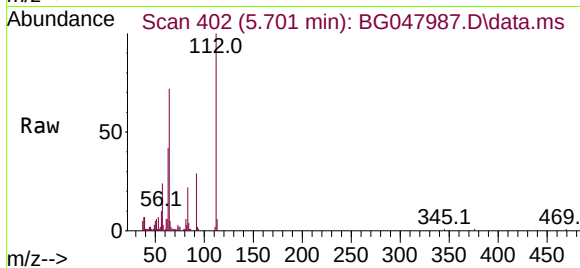




#5
2-Fluorophenol
Concen: 11.08 ng
RT: 5.701 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

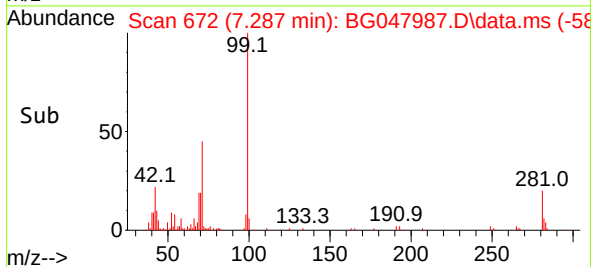
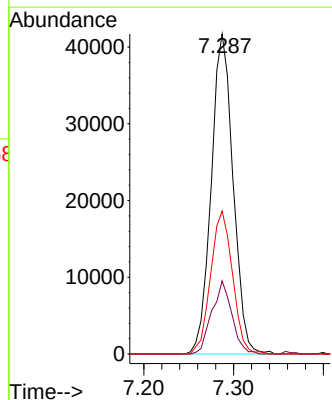
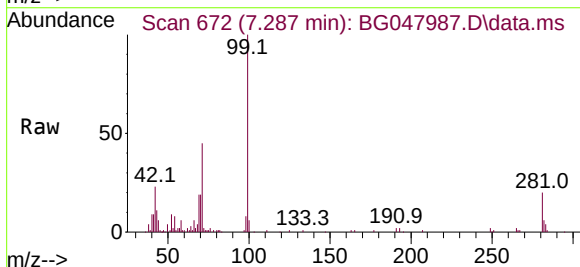
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-011-A

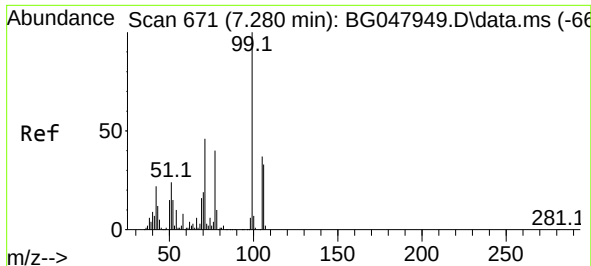
Tgt Ion:112 Resp: 46544
Ion Ratio Lower Upper
112 100
64 71.8 46.7 70.1#
63 41.6 22.8 34.2#



#7
Phenol-d6
Concen: 11.12 ng
RT: 7.287 min Scan# 672
Delta R.T. -0.004 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

Tgt Ion: 99 Resp: 70511
Ion Ratio Lower Upper
99 100
42 22.9 12.8 19.2#
71 44.6 24.6 36.8#

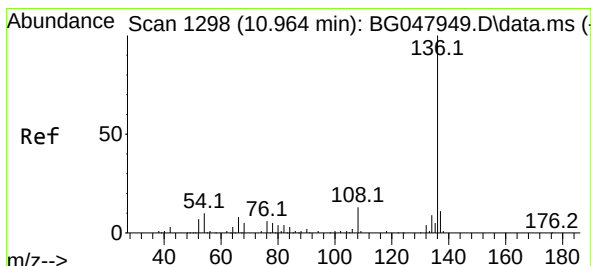
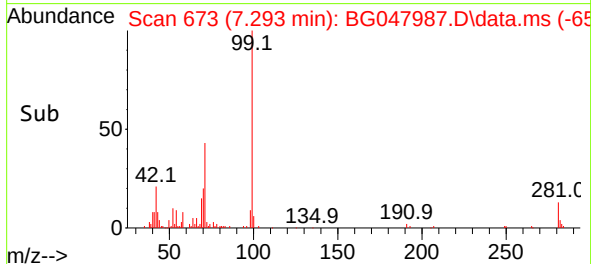
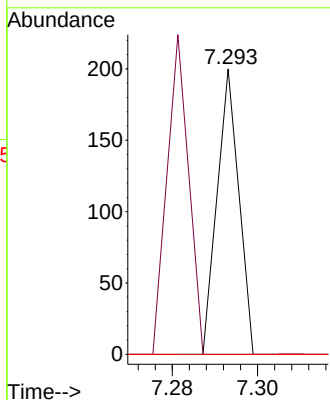
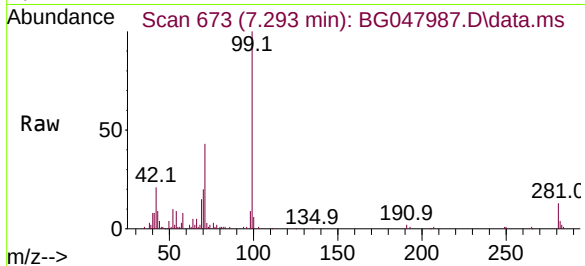




#9
Benzaldehyde
Concen: Below Cal
RT: 7.293 min Scan# 673
Delta R.T. 0.013 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

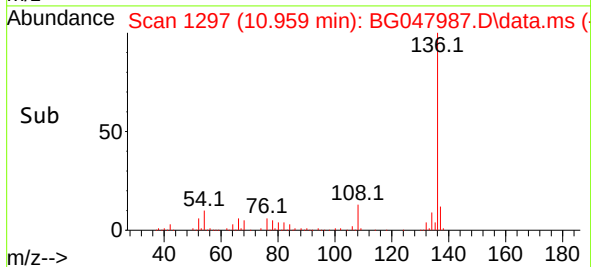
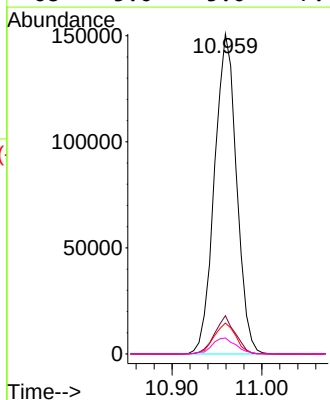
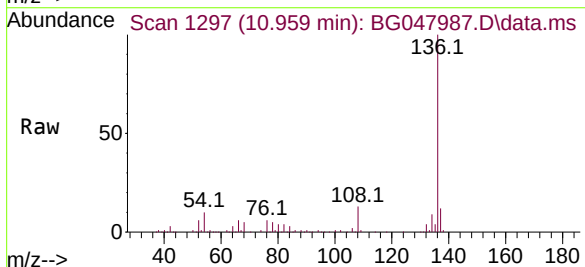
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-011-A

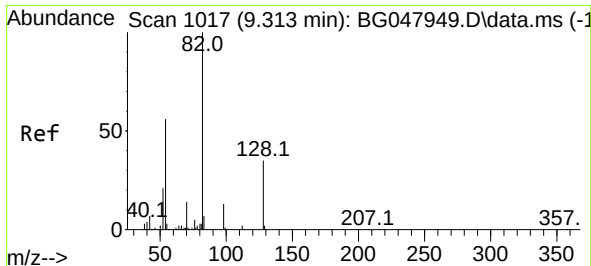
Tgt Ion:	77	Resp:	71
Ion	Ratio	Lower	Upper
77	100		
105	0.0	85.9	125.9#
106	0.0	80.9	120.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.959 min Scan# 1297
Delta R.T. -0.005 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

Tgt Ion:	136	Resp:	257606
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	9.7	6.2	9.4#
68	5.0	5.0	7.4





#23

Nitrobenzene-d5

Concen: 8.17 ng

RT: 9.302 min Scan# 1015

Delta R.T. -0.010 min

Lab File: BG047987.D

Acq: 22 Jan 2021 21:02

Tgt Ion: 82 Resp: 47880

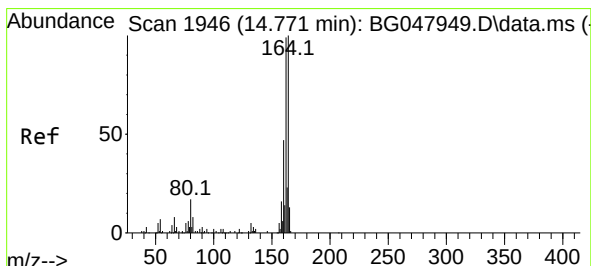
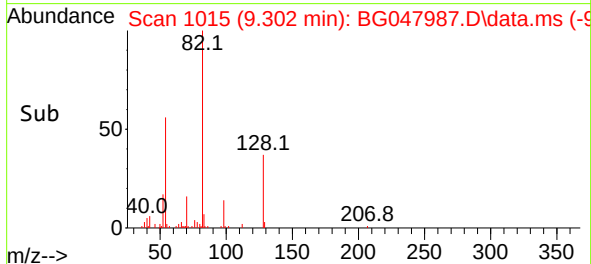
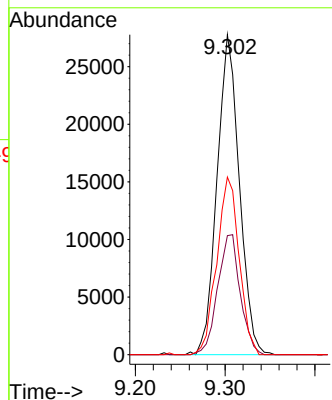
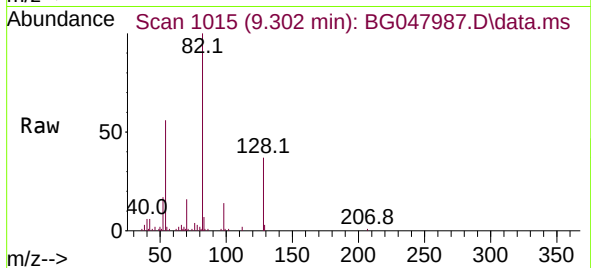
Ion	Ratio	Lower	Upper
82	100		
128	37.2	37.0	55.6
54	55.5	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-011-A



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.767 min Scan# 1945

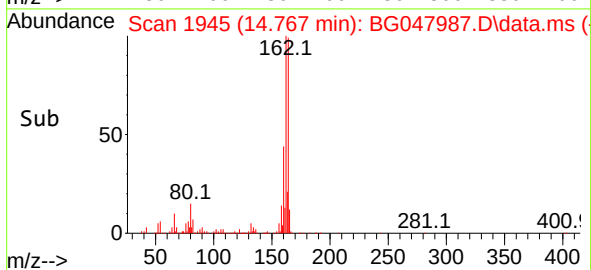
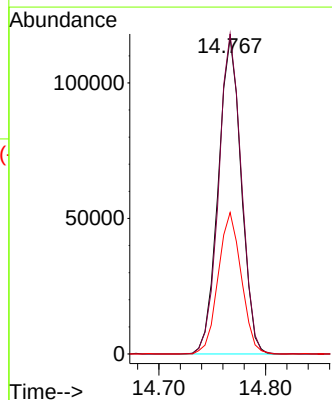
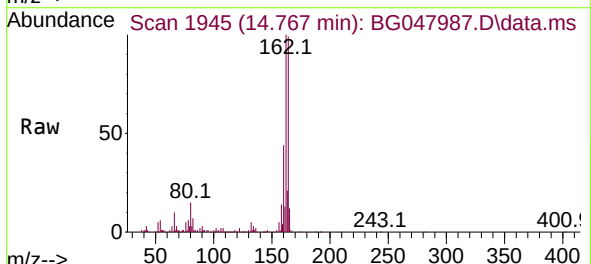
Delta R.T. -0.004 min

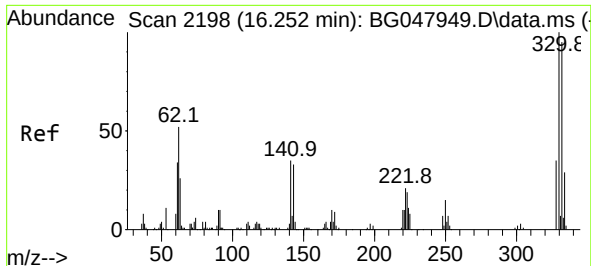
Lab File: BG047987.D

Acq: 22 Jan 2021 21:02

Tgt Ion:164 Resp: 174097

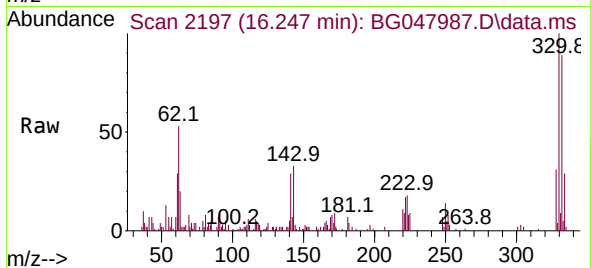
Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.3	123.5
160	44.8	35.3	52.9



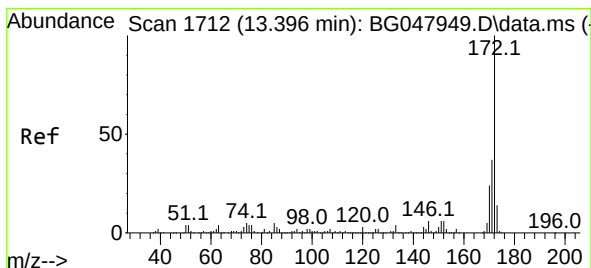
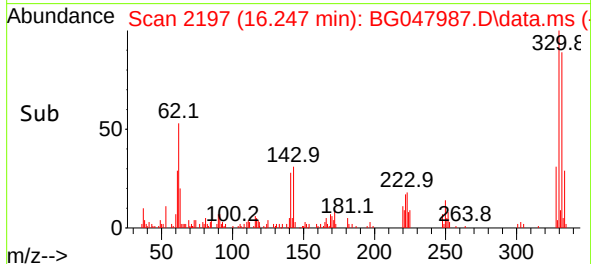
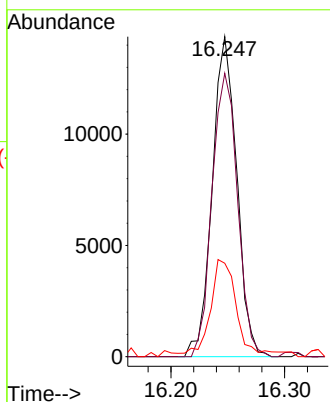


#42
2,4,6-Tribromophenol
Concen: 7.71 ng
RT: 16.247 min Scan# 2197
Delta R.T. -0.005 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

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

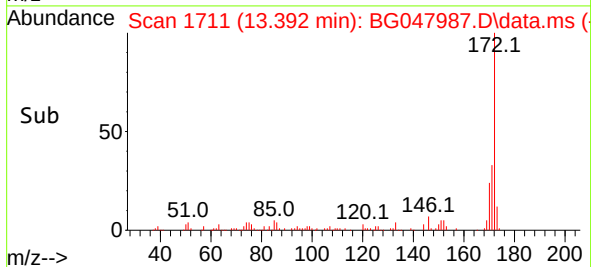
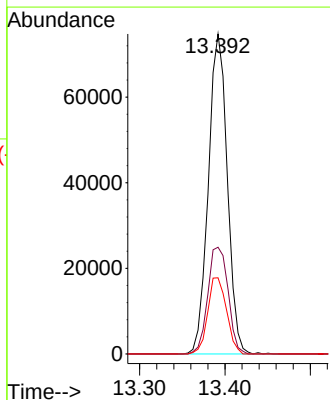
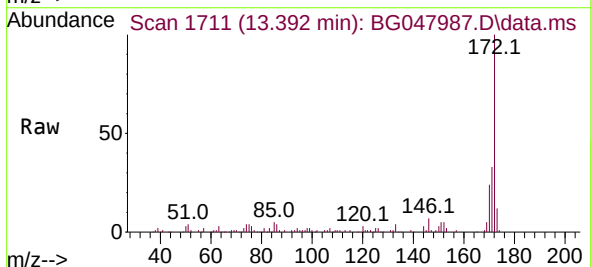


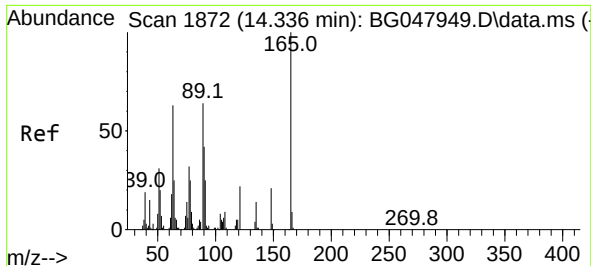
Tgt Ion:330 Resp: 21480
Ion Ratio Lower Upper
330 100
332 92.1 76.5 114.7
141 33.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 8.85 ng
RT: 13.392 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

Tgt Ion:172 Resp: 115351
Ion Ratio Lower Upper
172 100
171 33.3 31.3 46.9
170 23.8 20.8 31.2

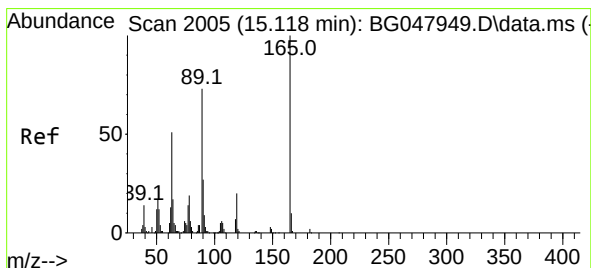
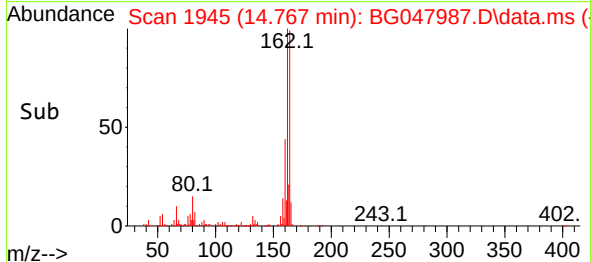
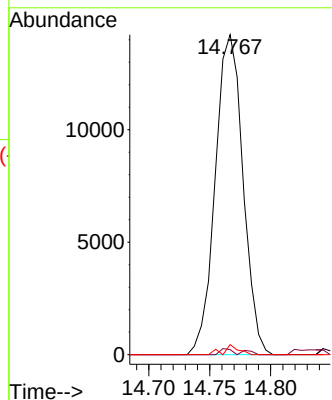
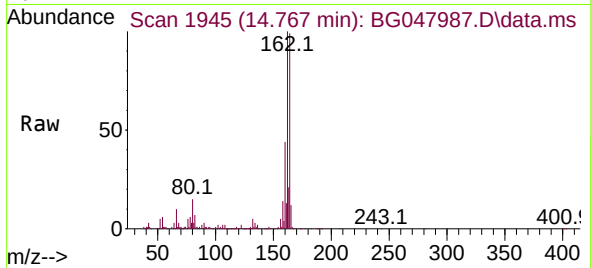




#51
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 14.767 min Scan# 1945
Delta R.T. 0.430 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

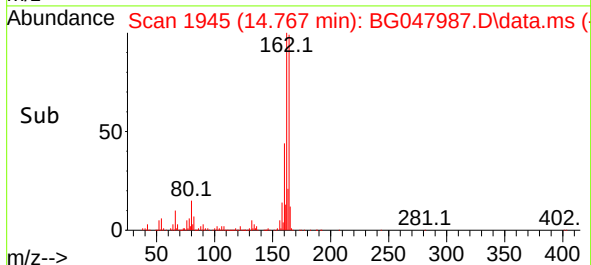
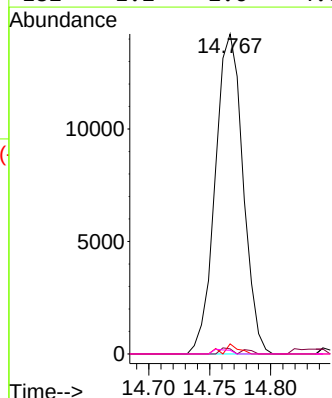
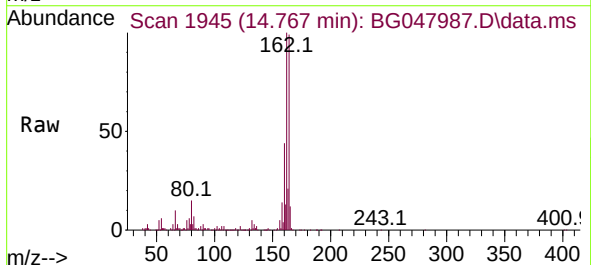
Instrument :
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ClientSampleId :
FK-SF-03-011-A

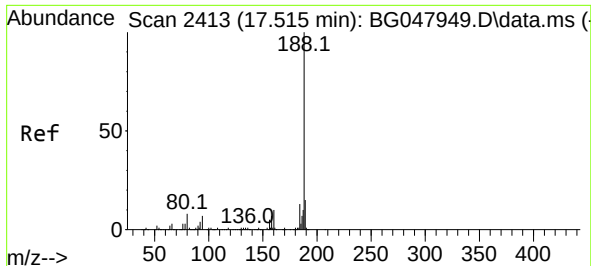
Tgt Ion:165 Resp: 22549
Ion Ratio Lower Upper
165 100
63 1.6 33.7 50.5#
89 3.2 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.52 ng
RT: 14.767 min Scan# 1945
Delta R.T. -0.351 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

Tgt Ion:165 Resp: 22549
Ion Ratio Lower Upper
165 100
63 1.6 26.4 39.6#
89 3.2 47.8 71.8#
182 1.2 2.6 4.0#

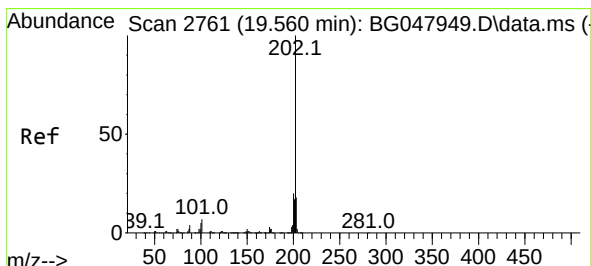
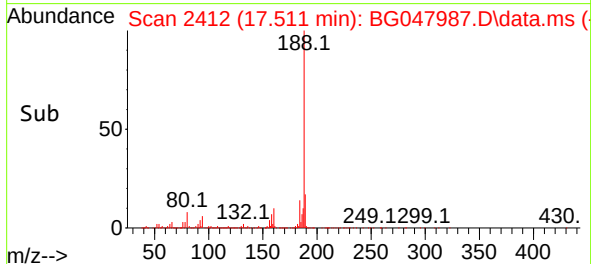
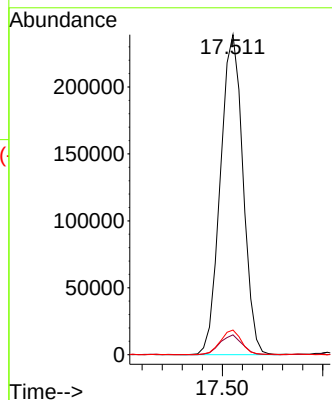
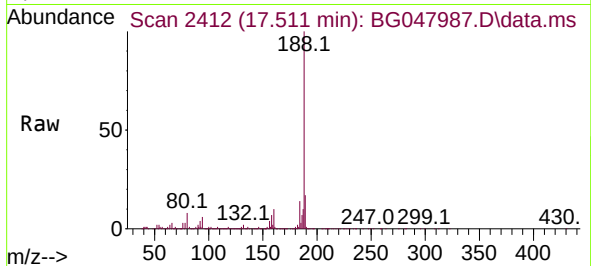




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.511 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

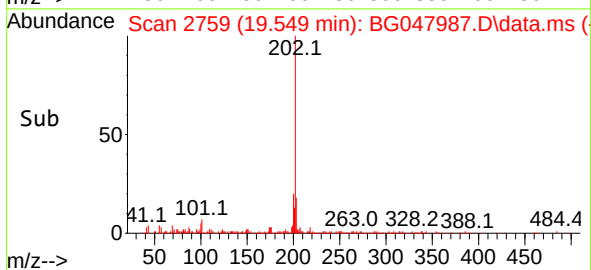
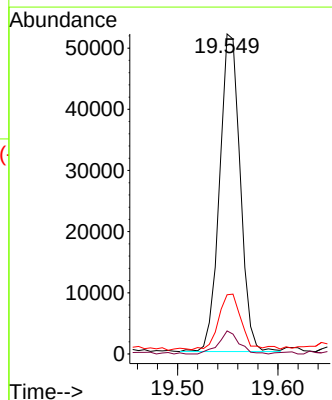
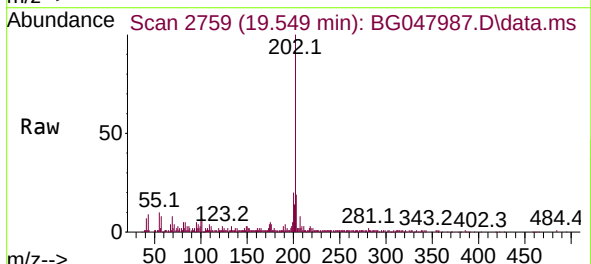
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-011-A

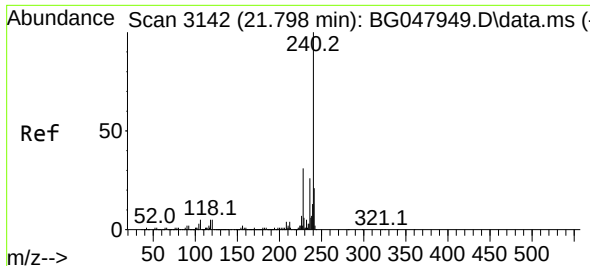
Tgt Ion:188 Resp: 372853
Ion Ratio Lower Upper
188 100
94 6.2 6.3 9.5#
80 7.7 7.0 10.6



#75
Fluoranthene
Concen: 2.76 ng
RT: 19.549 min Scan# 2759
Delta R.T. -0.010 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

Tgt Ion:202 Resp: 73988
Ion Ratio Lower Upper
202 100
101 7.2 0.0 29.7
203 18.5 0.0 39.2

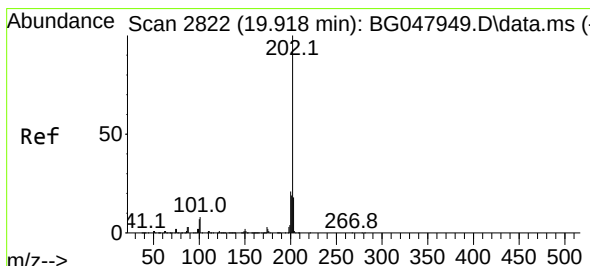
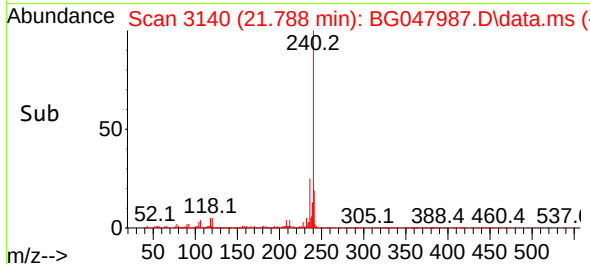
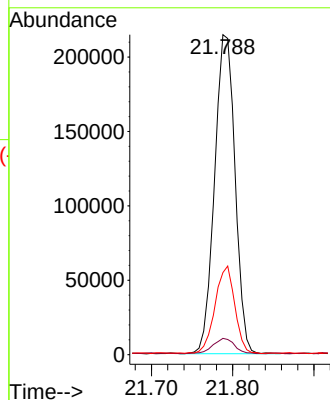
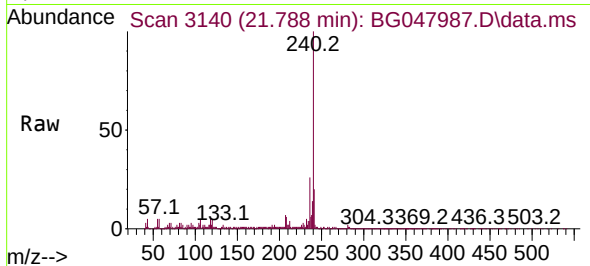




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.010 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

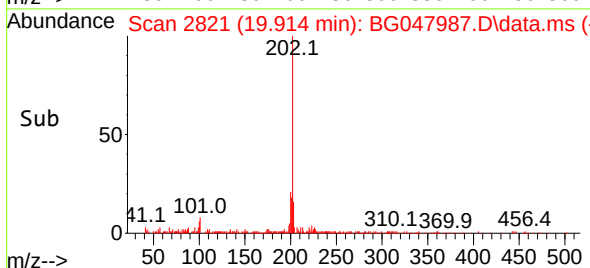
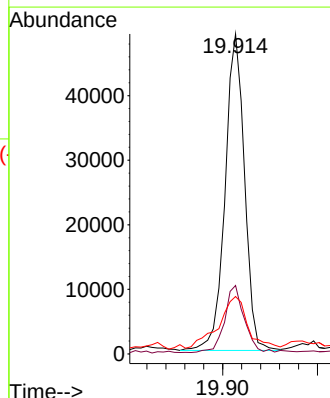
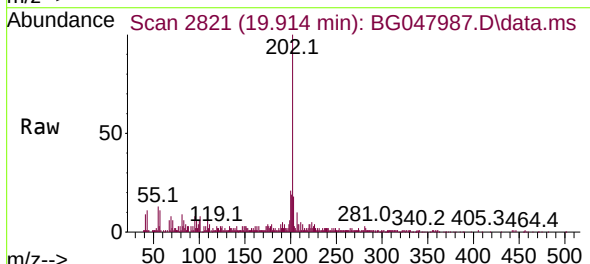
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-011-A

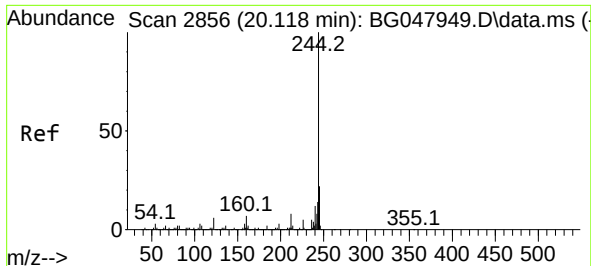
Tgt Ion:240 Resp: 376655
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 25.7 20.5 30.7



#78
Pyrene
Concen: 2.74 ng
RT: 19.914 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

Tgt Ion:202 Resp: 69933
Ion Ratio Lower Upper
202 100
200 21.4 18.6 27.8
203 18.0 15.3 22.9

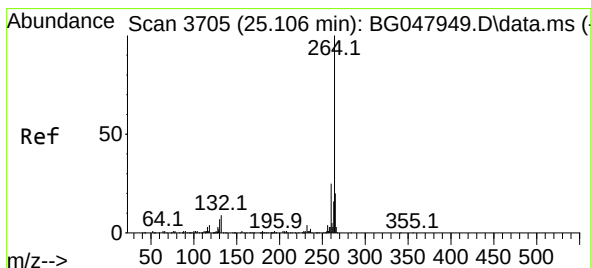
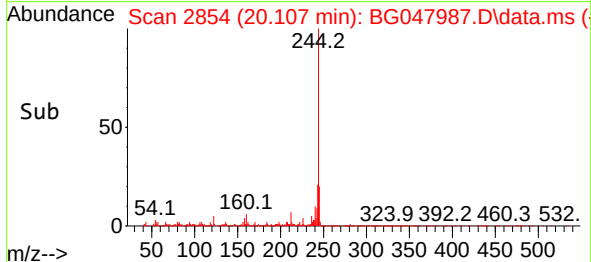
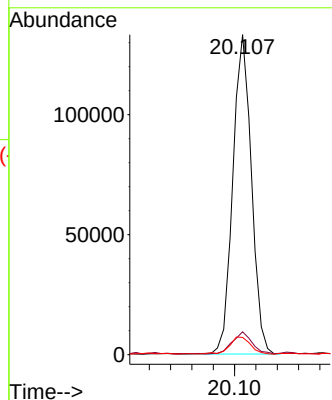
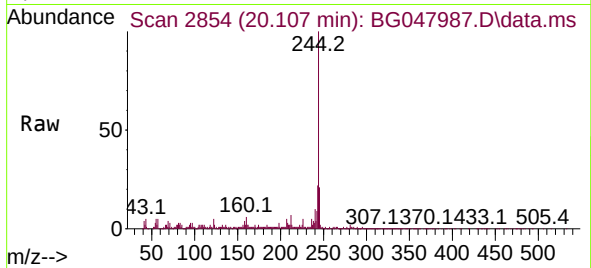




#79
Terphenyl-d14
Concen: 7.92 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.010 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

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

Tgt Ion:244 Resp: 161296
Ion Ratio Lower Upper
244 100
212 7.2 6.7 10.1
122 5.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.102 min Scan# 3704
Delta R.T. -0.005 min
Lab File: BG047987.D
Acq: 22 Jan 2021 21:02

Tgt Ion:264 Resp: 397026
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 24.3 17.8 26.8

