

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047985.D
 Acq On : 22 Jan 2021 19:41
 Operator : CG/JU
 Sample : M1207-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 22 22:26:29 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)

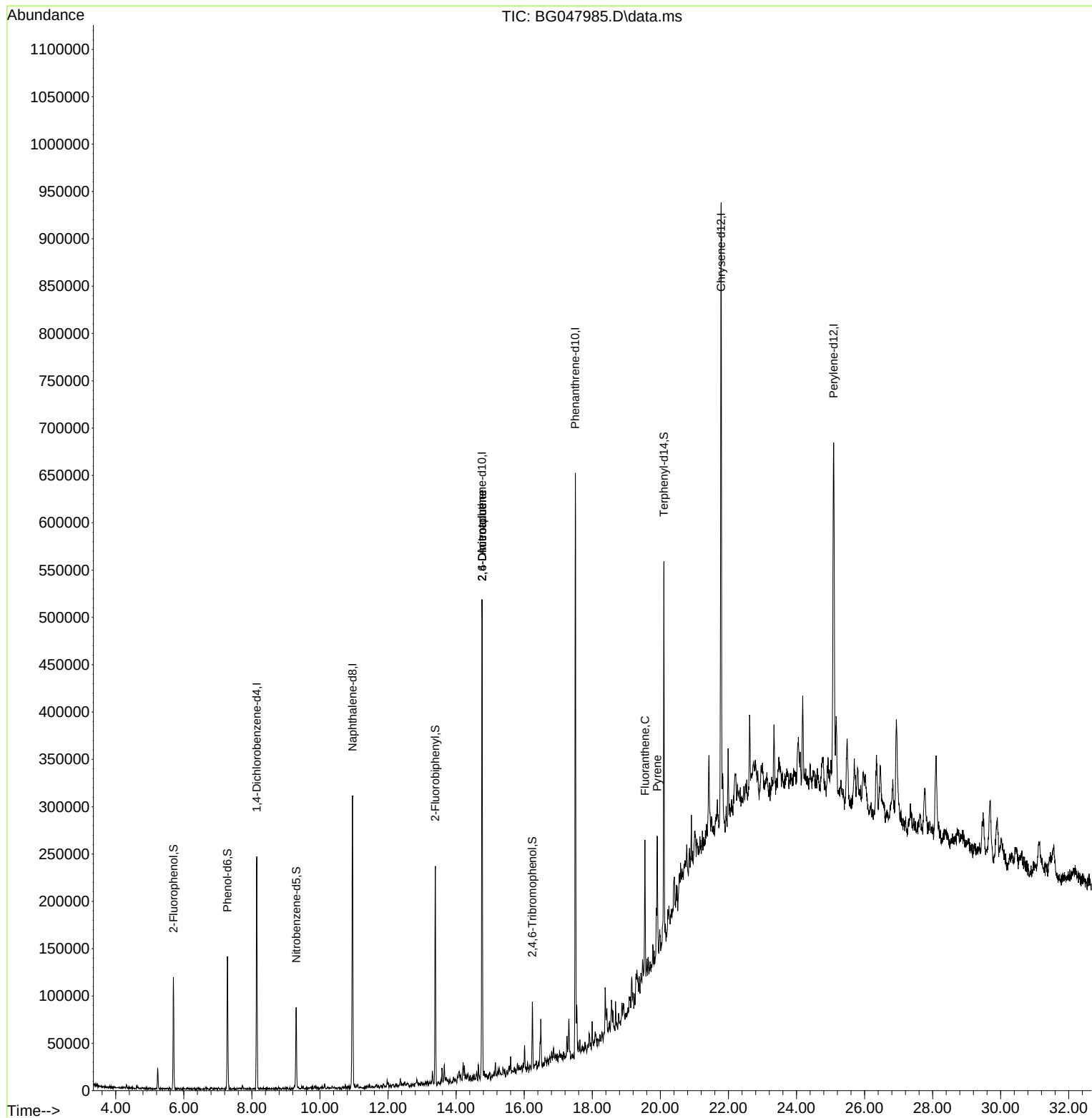
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.144	152	66238	20.00	ng	0.00
21) Naphthalene-d8	10.958	136	251764	20.00	ng	# 0.00
39) Acenaphthene-d10	14.760	164	176014	20.00	ng	-0.01
64) Phenanthrene-d10	17.503	188	400644	20.00	ng	#-0.01
76) Chrysene-d12	21.787	240	422318	20.00	ng	#-0.01
86) Perylene-d12	25.089	264	431259	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	45415	11.18	ng	0.00
7) Phenol-d6	7.280	99	73721	12.02	ng	-0.01
23) Nitrobenzene-d5	9.301	82	51438	8.98	ng	-0.01
42) 2,4,6-Tribromophenol	16.240	330	12384	4.40	ng	-0.01
45) 2-Fluorobiphenyl	13.391	172	118821	9.02	ng	0.00
79) Terphenyl-d14	20.106	244	193036	8.45	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.496	88	57	Below Cal	#	1
9) Benzaldehyde	7.280	77	179	Below Cal	#	1
32) Benzoic acid	10.482	122	60	Below Cal	#	1
51) 2,6-Dinitrotoluene	14.765	165	23621	8.02	ng	# 35
57) 2,4-Dinitrotoluene	14.765	165	23621	5.72	ng	# 33
75) Fluoranthene	19.548	202	87719	3.04	ng	97
78) Pyrene	19.907	202	82719	2.89	ng	94

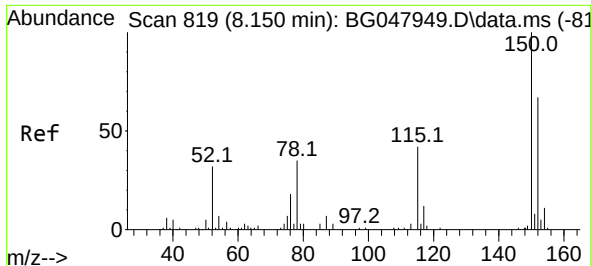
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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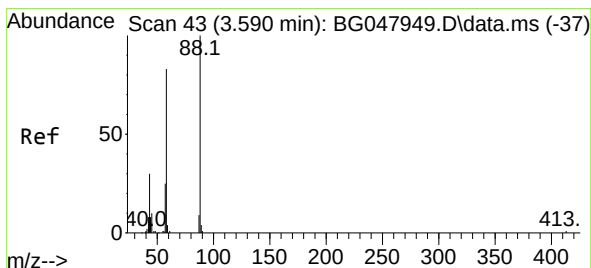
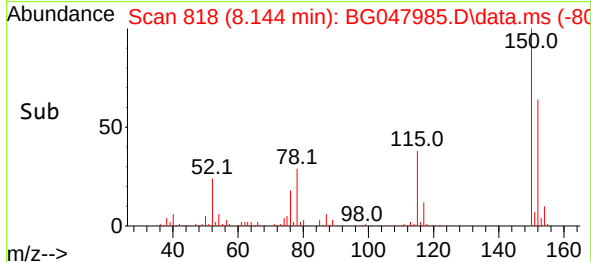
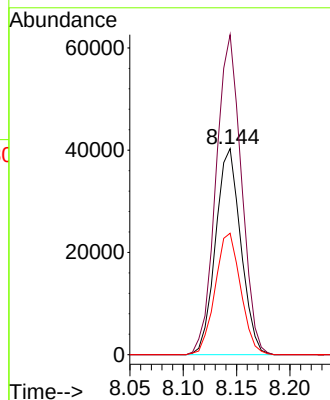
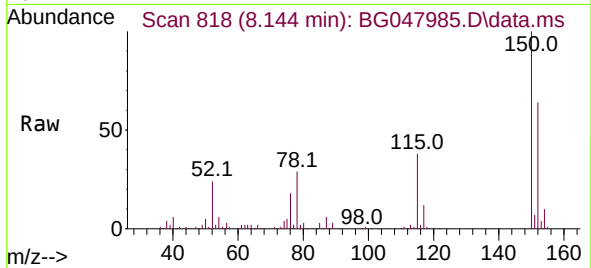




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.144 min Scan# 818
Delta R.T. -0.006 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

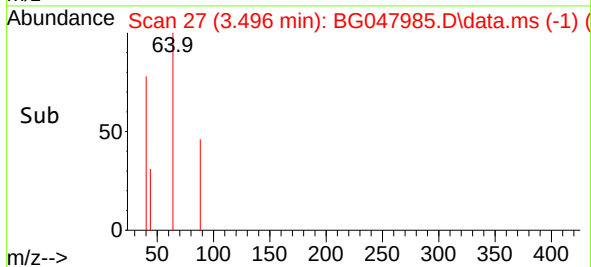
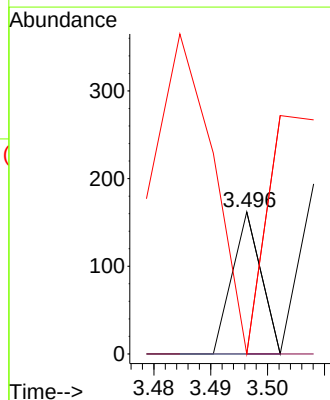
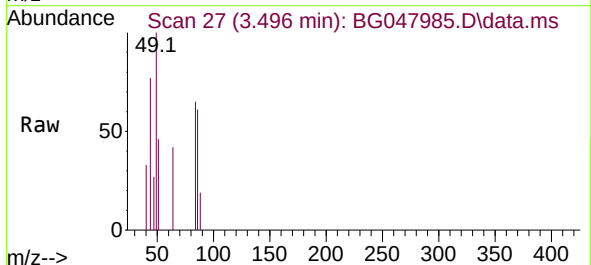
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-010-B

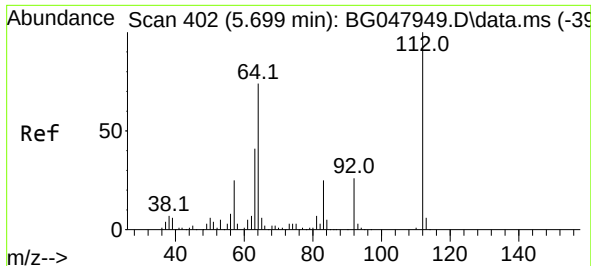
Tgt Ion:152 Resp: 66238
Ion Ratio Lower Upper
152 100
150 155.2 125.0 187.6
115 58.9 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.496 min Scan# 27
Delta R.T. -0.094 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
58 0.0 61.6 92.4#
43 333.3 21.3 31.9#

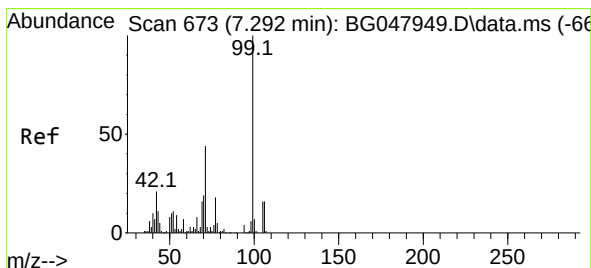
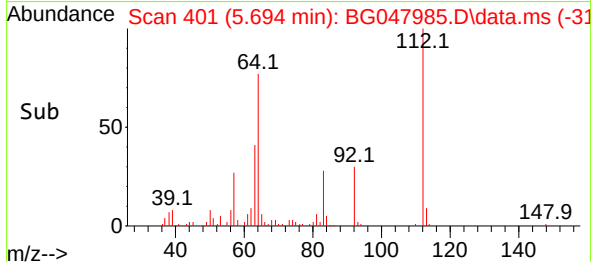
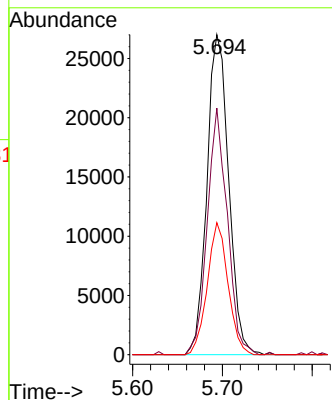
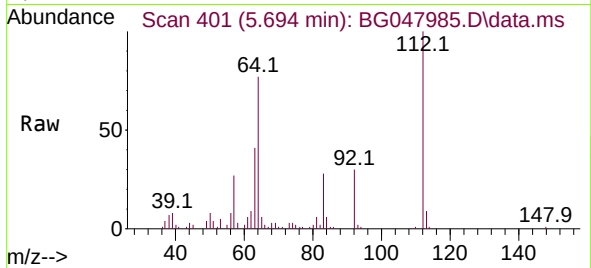




#5
2-Fluorophenol
Concen: 11.18 ng
RT: 5.694 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

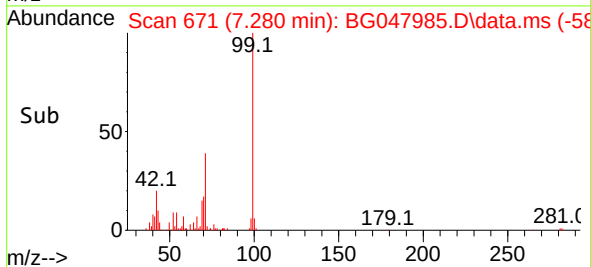
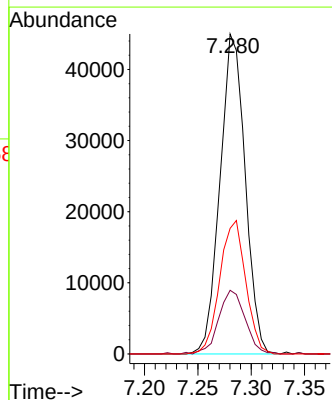
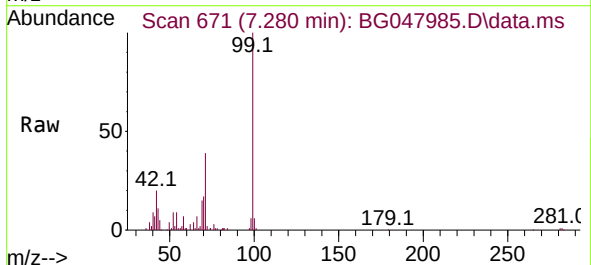
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-010-B

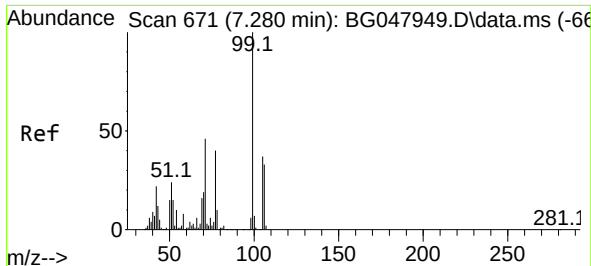
Tgt Ion:112 Resp: 45415
Ion Ratio Lower Upper
112 100
64 77.0 46.7 70.1#
63 41.2 22.8 34.2#



#7
Phenol-d6
Concen: 12.02 ng
RT: 7.280 min Scan# 671
Delta R.T. -0.012 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

Tgt Ion: 99 Resp: 73721
Ion Ratio Lower Upper
99 100
42 19.9 12.8 19.2#
71 39.2 24.6 36.8#

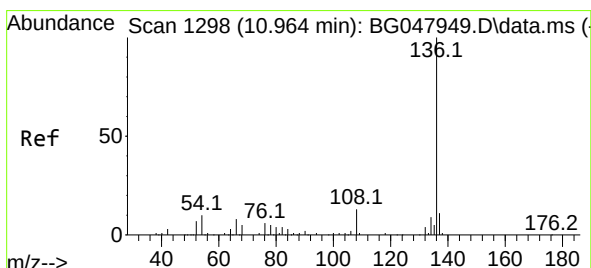
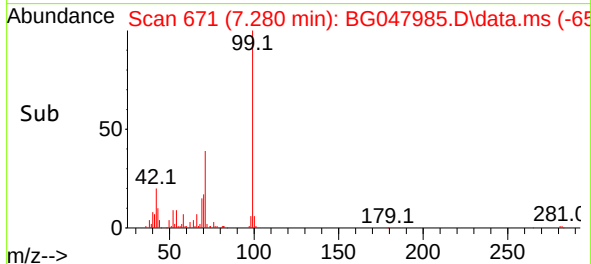
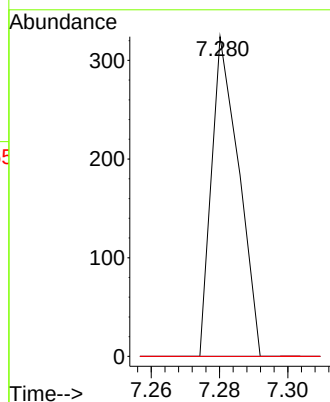
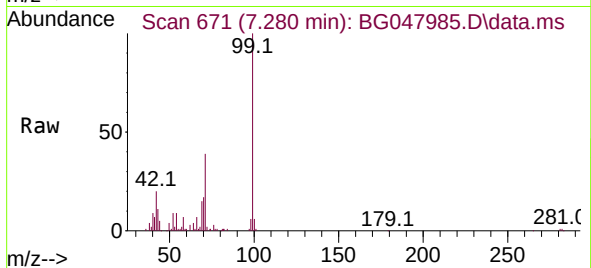




#9
Benzaldehyde
Concen: Below Cal
RT: 7.280 min Scan# 671
Delta R.T. 0.000 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

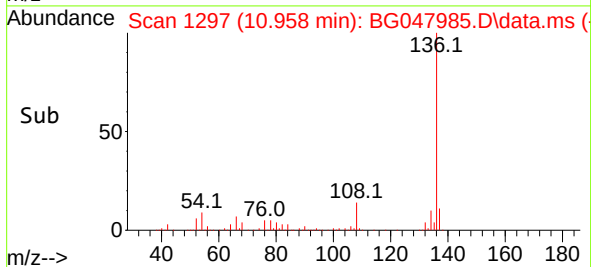
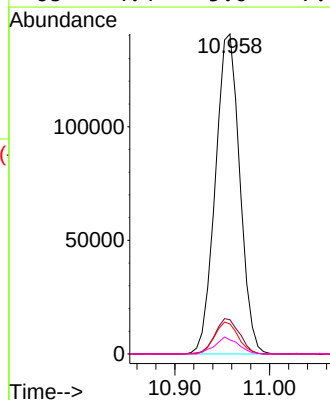
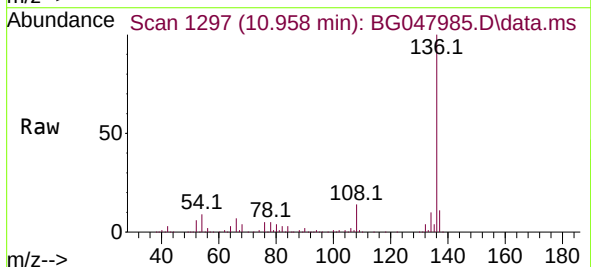
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-010-B

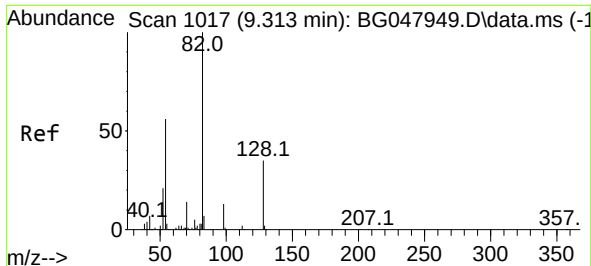
Tgt Ion: 77 Resp: 179
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.958 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

Tgt Ion:136 Resp: 251764
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 9.4 6.2 9.4#
68 4.4 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 8.98 ng

RT: 9.301 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BG047985.D

Acq: 22 Jan 2021 19:41

Tgt Ion: 82 Resp: 51438

Ion Ratio Lower Upper

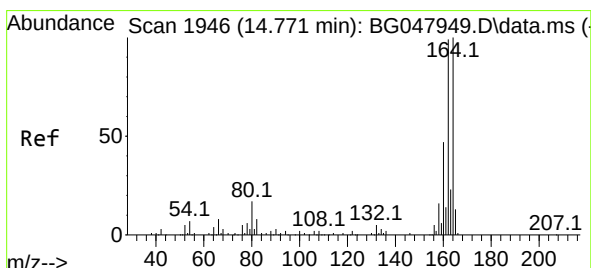
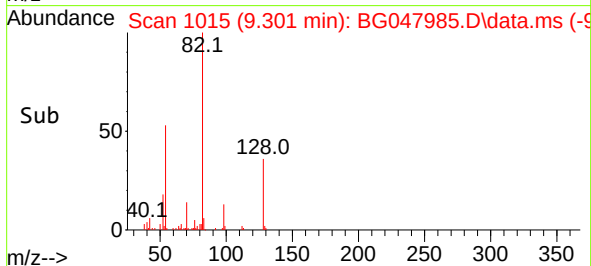
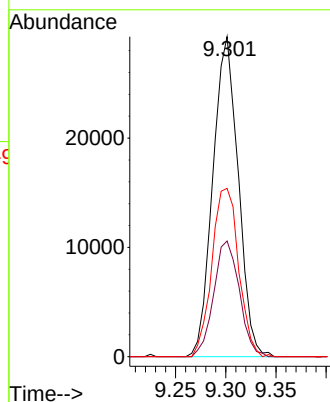
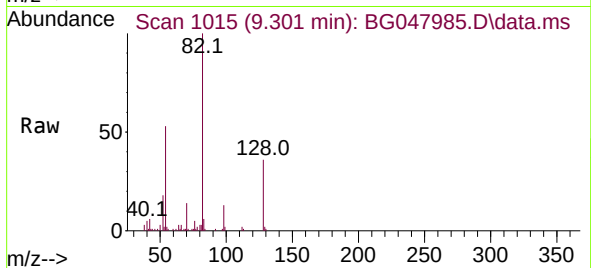
82	100		
128	36.2	37.0	55.6#
54	52.6	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-010-B



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.760 min Scan# 1944

Delta R.T. -0.012 min

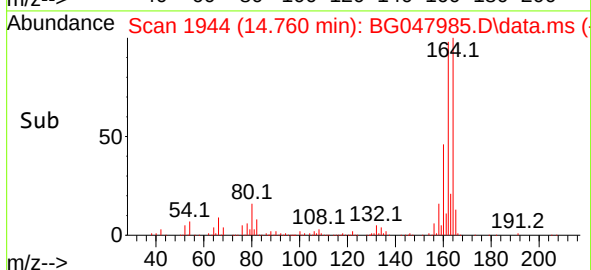
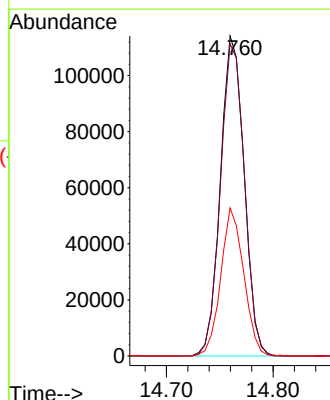
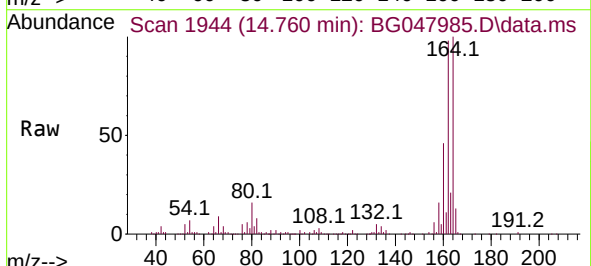
Lab File: BG047985.D

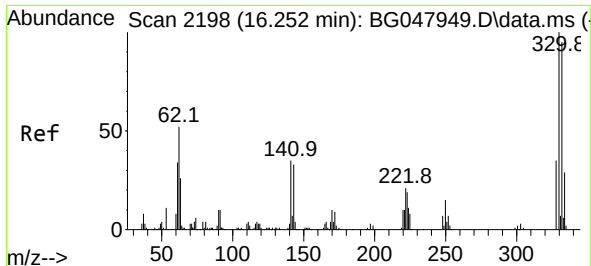
Acq: 22 Jan 2021 19:41

Tgt Ion: 164 Resp: 176014

Ion Ratio Lower Upper

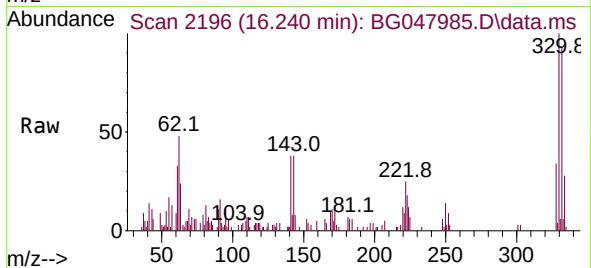
164	100		
162	97.6	82.3	123.5
160	46.3	35.3	52.9



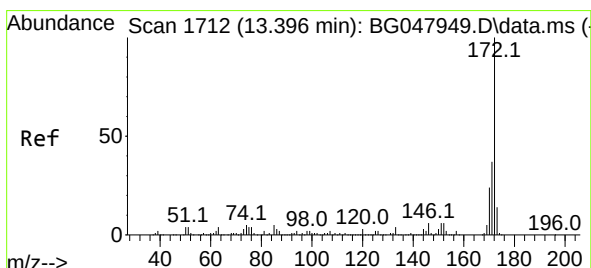
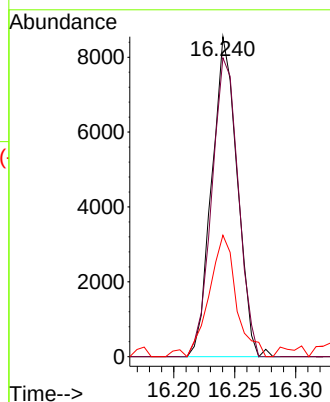
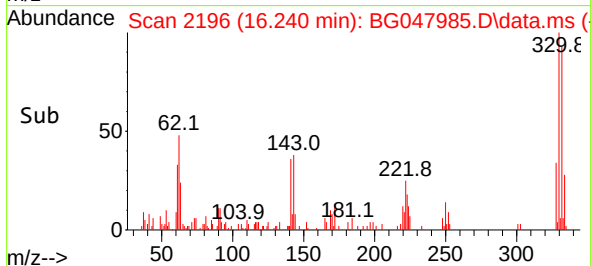


#42
2,4,6-Tribromophenol
Concen: 4.40 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

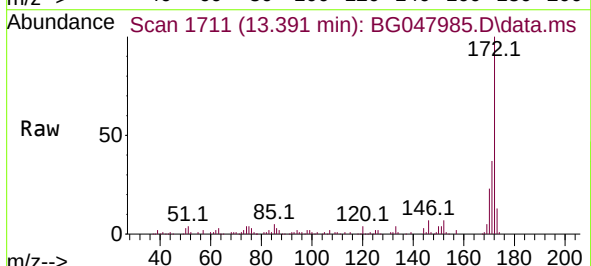
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-010-B



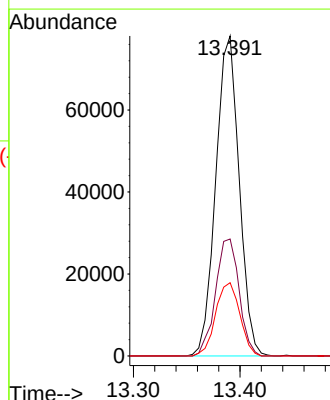
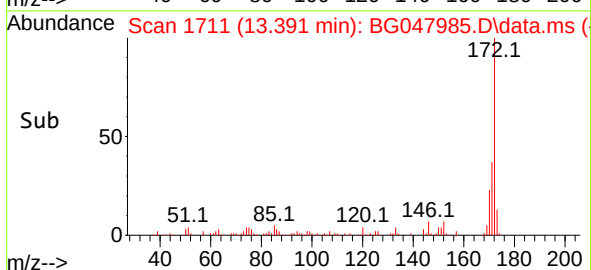
Tgt Ion:330 Resp: 12384
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 40.9 26.0 39.0#

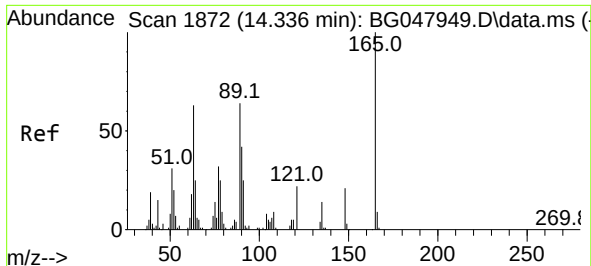


#45
2-Fluorobiphenyl
Concen: 9.02 ng
RT: 13.391 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41



Tgt Ion:172 Resp: 118821
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 22.9 20.8 31.2

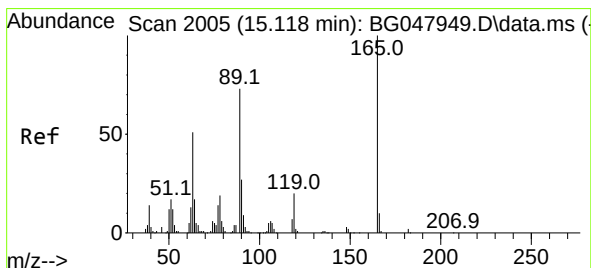
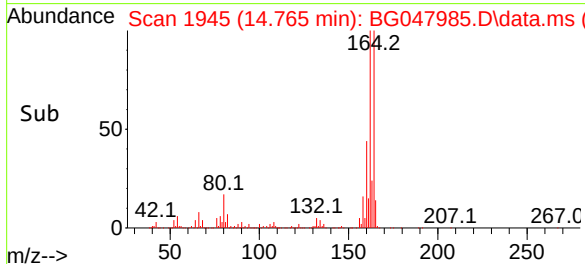
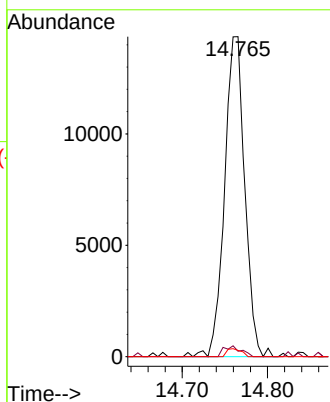
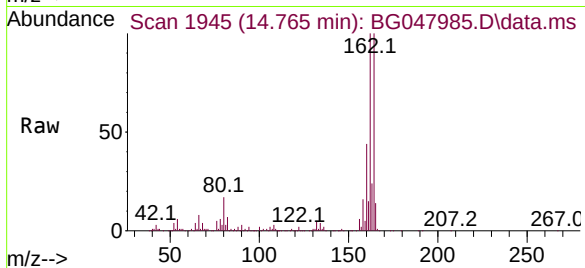




#51
2,6-Dinitrotoluene
Concen: 8.02 ng
RT: 14.765 min Scan# 1945
Delta R.T. 0.429 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

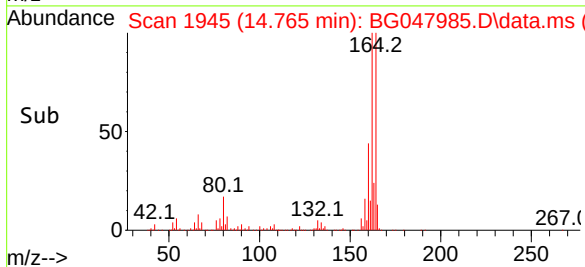
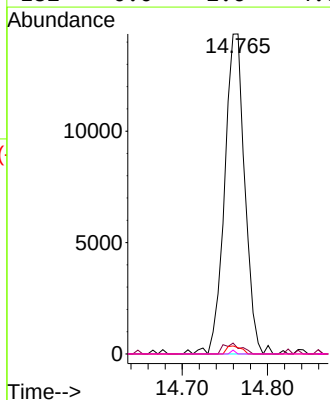
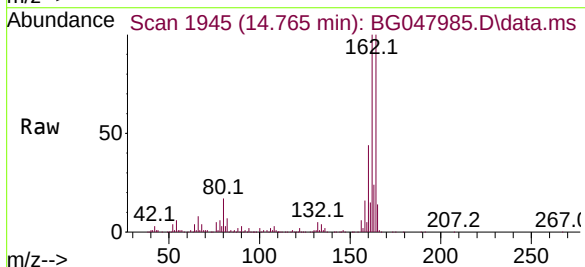
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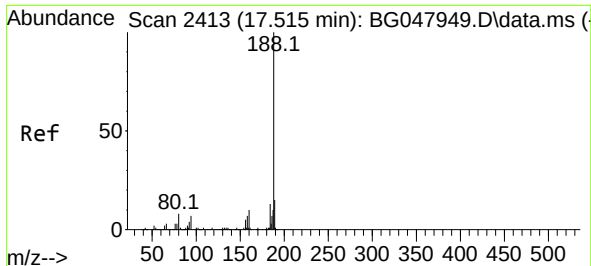
Tgt Ion:165 Resp: 23621
Ion Ratio Lower Upper
165 100
63 1.7 33.7 50.5#
89 1.9 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 14.765 min Scan# 1945
Delta R.T. -0.352 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

Tgt Ion:165 Resp: 23621
Ion Ratio Lower Upper
165 100
63 1.7 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#

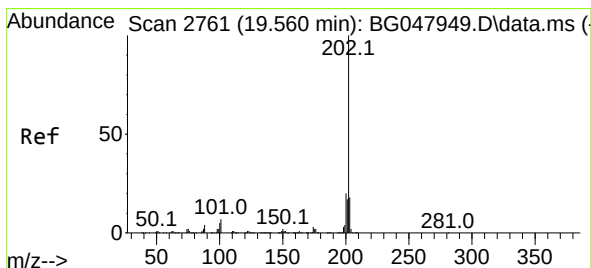
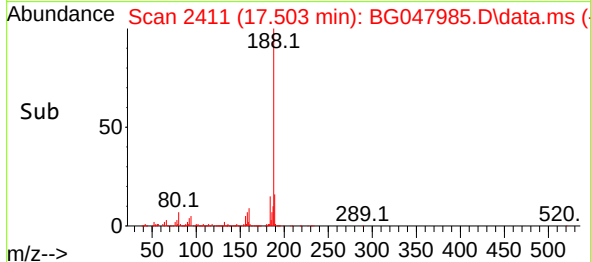
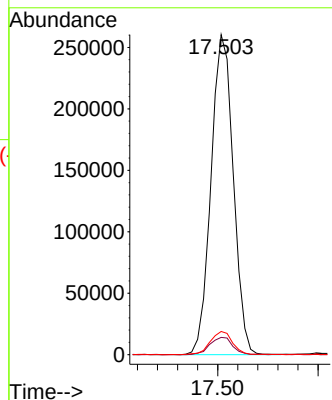
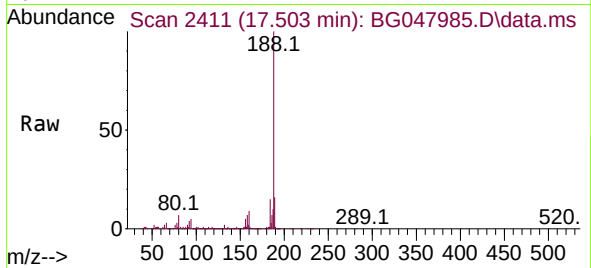




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

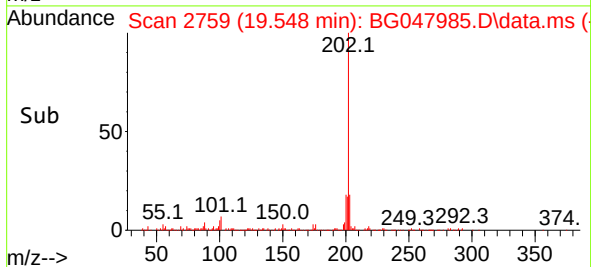
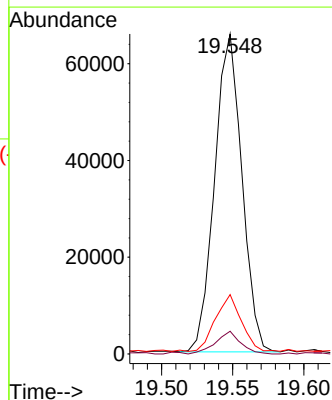
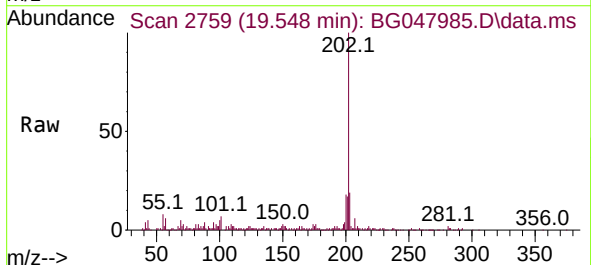
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-010-B

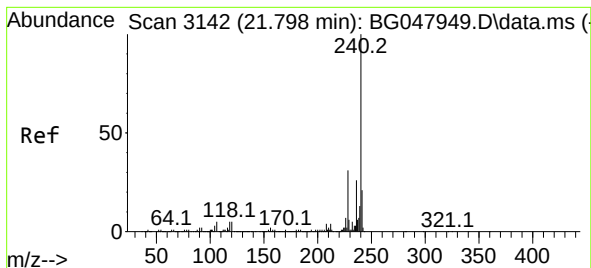
Tgt Ion:188 Resp: 400644
Ion Ratio Lower Upper
188 100
94 5.4 6.3 9.5#
80 7.2 7.0 10.6



#75
Fluoranthene
Concen: 3.04 ng
RT: 19.548 min Scan# 2759
Delta R.T. -0.012 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

Tgt Ion:202 Resp: 87719
Ion Ratio Lower Upper
202 100
101 7.1 0.0 29.7
203 18.6 0.0 39.2

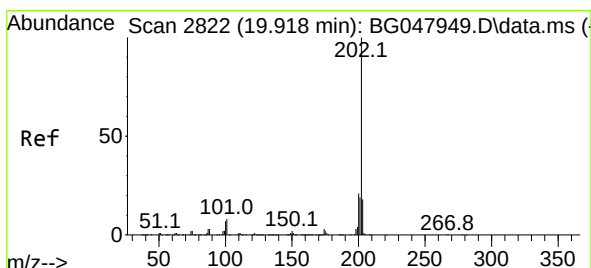
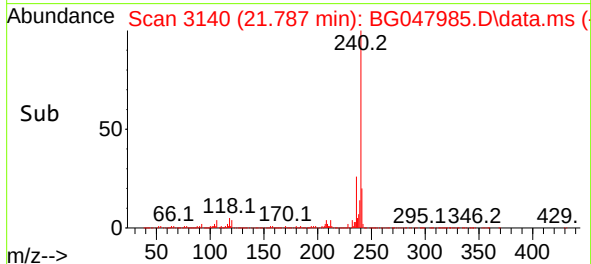
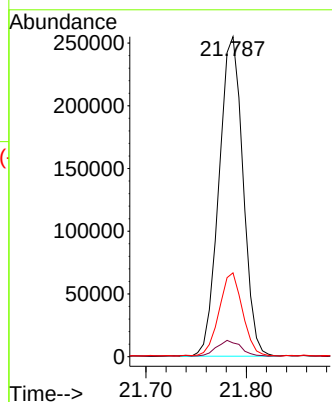
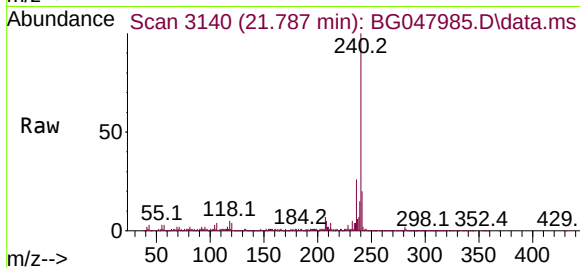




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

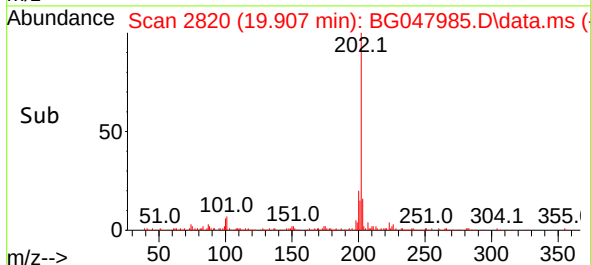
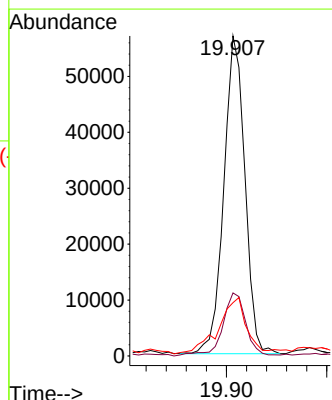
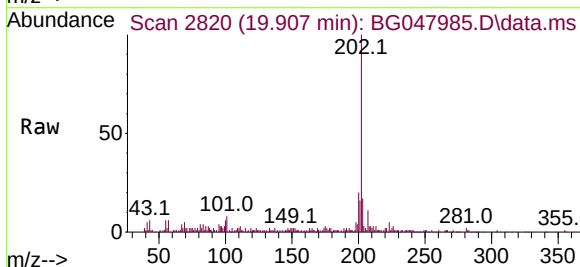
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-010-B

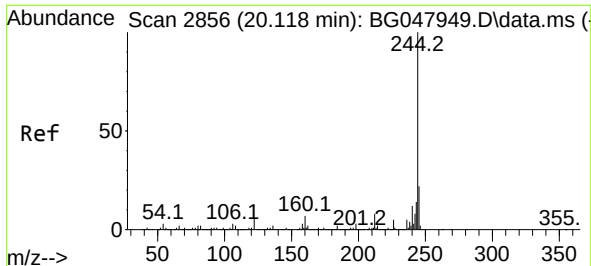
Tgt Ion:240 Resp: 422318
Ion Ratio Lower Upper
240 100
120 4.3 6.2 9.4#
236 26.2 20.5 30.7



#78
Pyrene
Concen: 2.89 ng
RT: 19.907 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BG047985.D
Acq: 22 Jan 2021 19:41

Tgt Ion:202 Resp: 82719
Ion Ratio Lower Upper
202 100
200 19.7 18.6 27.8
203 16.7 15.3 22.9

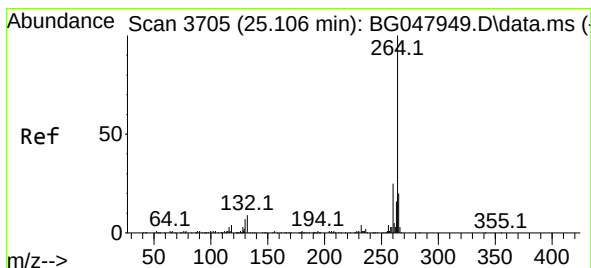
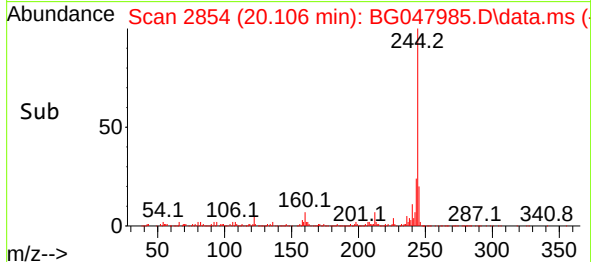
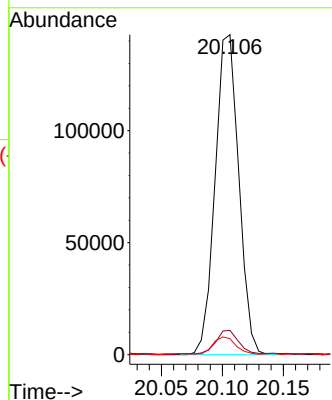
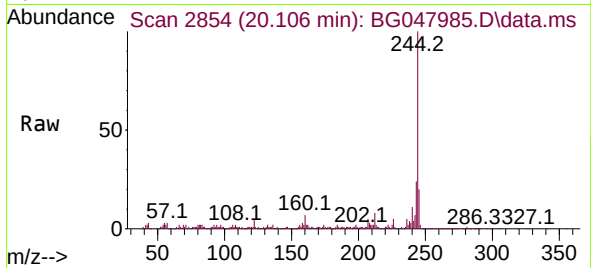




#79
 Terphenyl-d14
 Concen: 8.45 ng
 RT: 20.106 min Scan# 2854
 Delta R.T. -0.012 min
 Lab File: BG047985.D
 Acq: 22 Jan 2021 19:41

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

Tgt Ion:244 Resp: 193036
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.7 10.1
 122 5.0 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.089 min Scan# 3702
 Delta R.T. -0.017 min
 Lab File: BG047985.D
 Acq: 22 Jan 2021 19:41

Tgt Ion:264 Resp: 431259
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 23.1 17.8 26.8

