

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047972.D
 Acq On : 22 Jan 2021 3:29
 Operator : CG/JU
 Sample : M1153-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-PS-01-068

Quant Time: Jan 22 04:27:13 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)

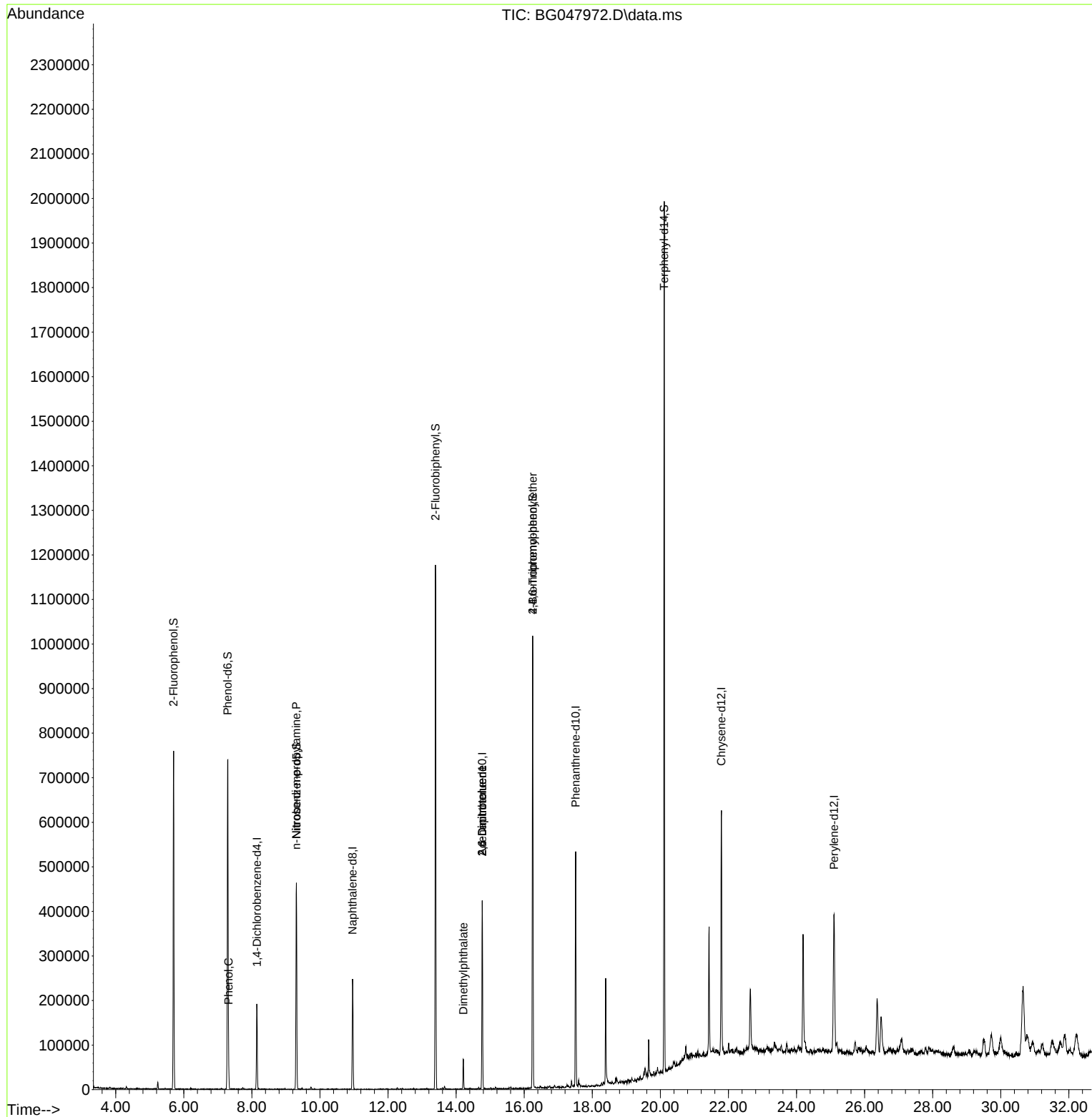
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	51438	20.00	ng	0.00
21) Naphthalene-d8	10.960	136	198018	20.00	ng	0.00
39) Acenaphthene-d10	14.768	164	146230	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	334798	20.00	ng	# 0.00
76) Chrysene-d12	21.795	240	346628	20.00	ng	# 0.00
86) Perylene-d12	25.103	264	352155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	282509	89.57	ng	0.00
7) Phenol-d6	7.288	99	396704	83.32	ng	0.00
23) Nitrobenzene-d5	9.309	82	277826	61.70	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	205205	87.69	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	602258	55.00	ng	0.00
79) Terphenyl-d14	20.114	244	874160	46.63	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.598	88	120	Below Cal	#	52
9) Benzaldehyde	7.288	77	1244	Below Cal	#	1
10) Phenol	7.318	94	25523	5.66	ng	73
19) n-Nitroso-di-n-propyla...	9.304	70	39008	11.58	ng	# 76
50) Dimethylphthalate	14.210	163	41227	3.24	ng	98
51) 2,6-Dinitrotoluene	14.768	165	19005	7.77	ng	# 36
57) 2,4-Dinitrotoluene	14.768	165	19005	5.54	ng	# 34
67) 4-Bromophenyl-phenylether	16.254	248	13604	3.06	ng	# 1

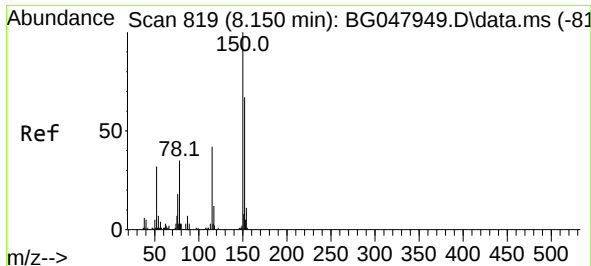
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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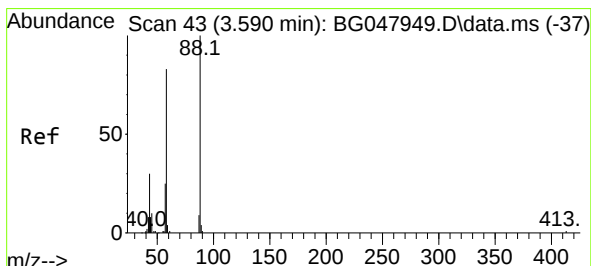
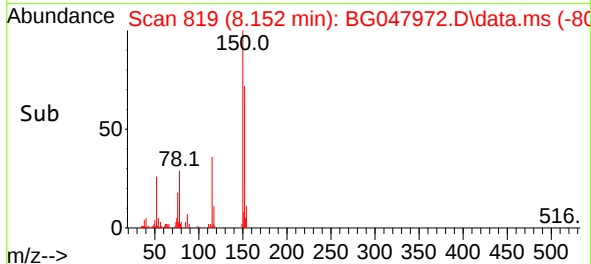
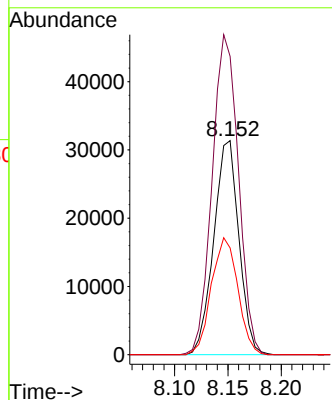
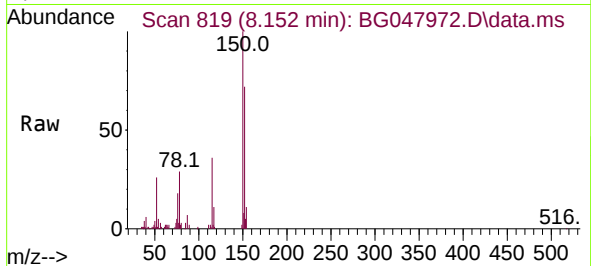




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.152 min Scan# 819
Delta R.T. 0.002 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

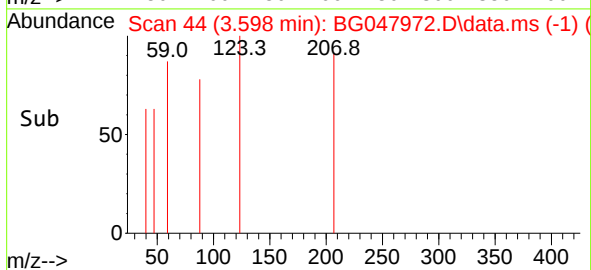
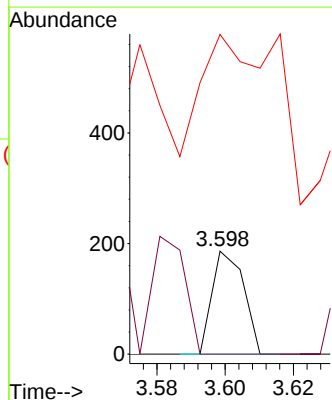
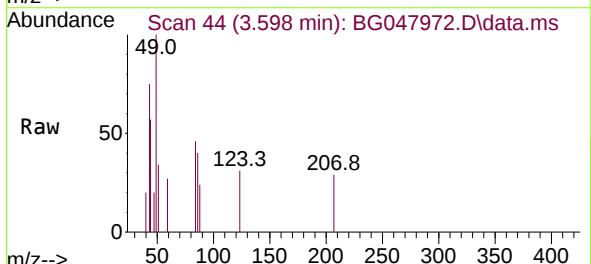
Instrument :
BNA_M
ClientSampleId :
FK-PS-01-068

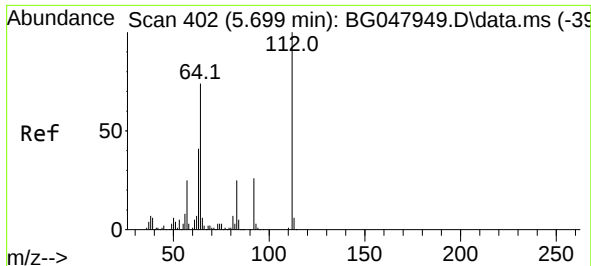
Tgt Ion:152 Resp: 51438
Ion Ratio Lower Upper
152 100
150 139.3 125.0 187.6
115 49.8 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.598 min Scan# 44
Delta R.T. 0.008 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
58 117.5 61.6 92.4#
43 0.0 21.3 31.9#

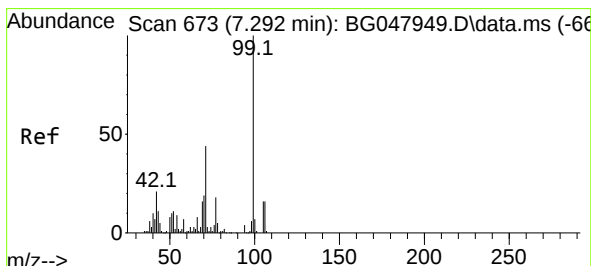
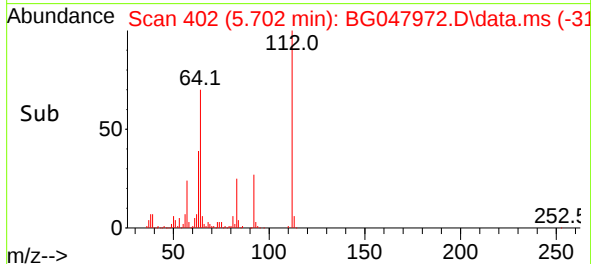
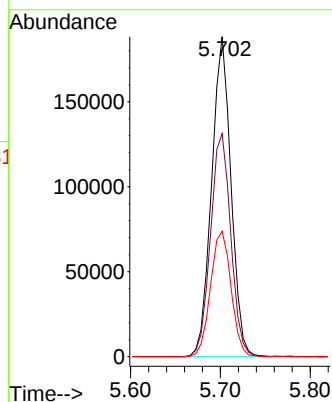
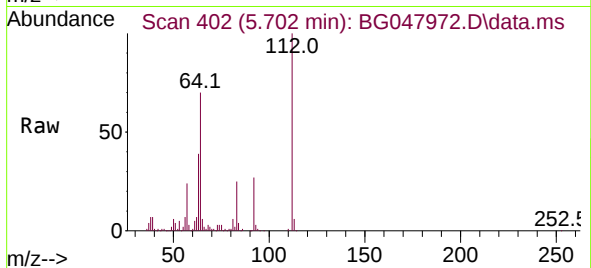




#5
2-Fluorophenol
Concen: 89.57 ng
RT: 5.702 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

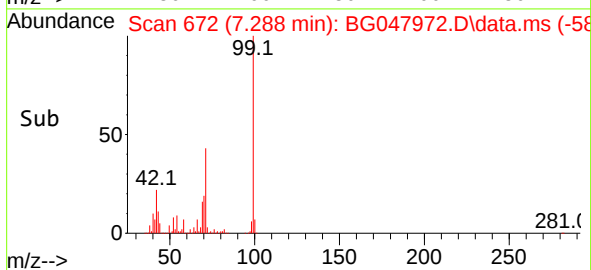
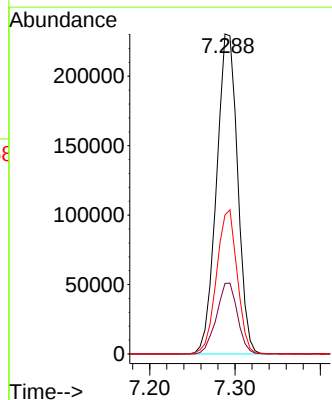
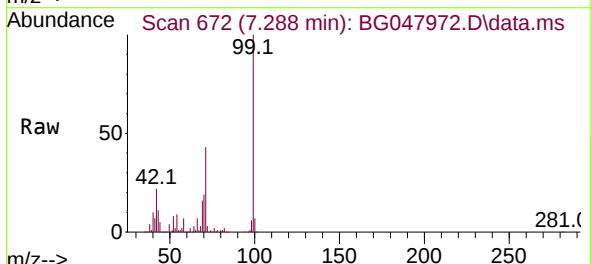
Instrument :
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FK-PS-01-068

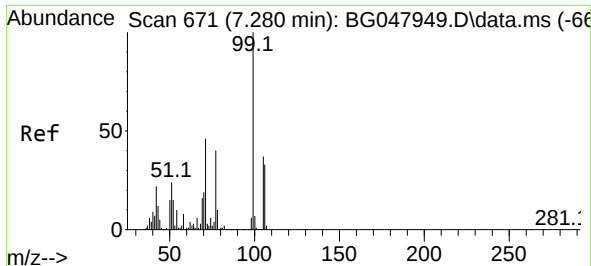
Tgt Ion:112 Resp: 282509
Ion Ratio Lower Upper
112 100
64 69.7 46.7 70.1
63 39.2 22.8 34.2#



#7
Phenol-d6
Concen: 83.32 ng
RT: 7.288 min Scan# 672
Delta R.T. -0.003 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

Tgt Ion: 99 Resp: 396704
Ion Ratio Lower Upper
99 100
42 22.0 12.8 19.2#
71 43.4 24.6 36.8#

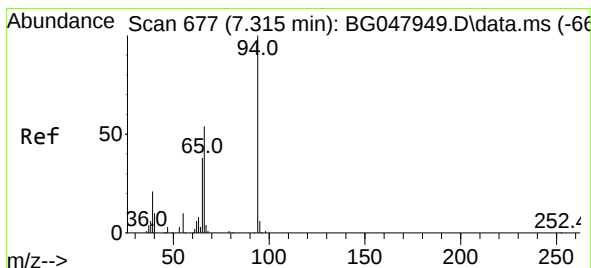
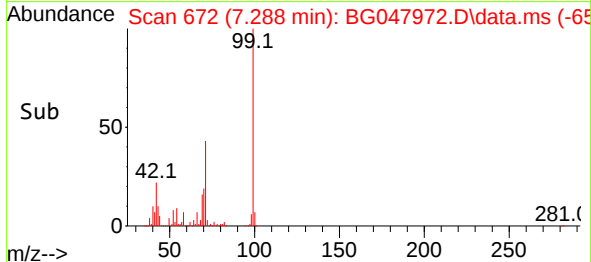
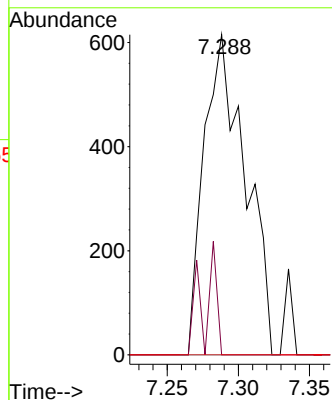
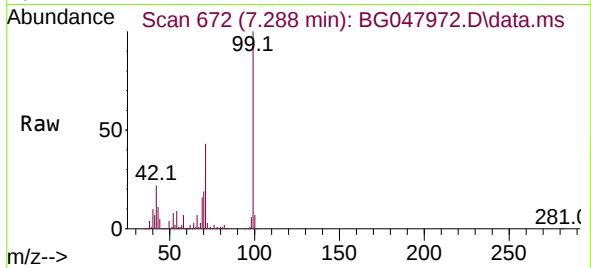




#9
Benzaldehyde
Concen: Below Cal
RT: 7.288 min Scan# 672
Delta R.T. 0.008 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

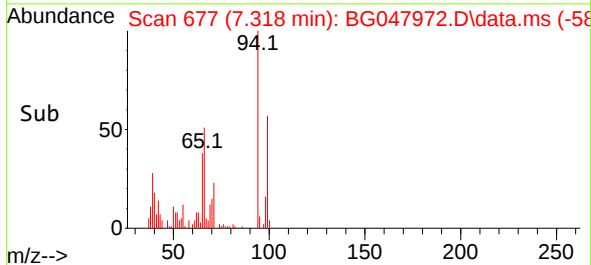
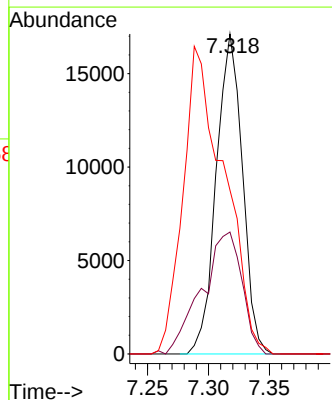
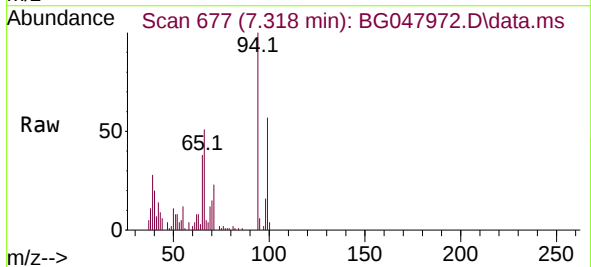
Instrument :
BNA_M
ClientSampleId :
FK-PS-01-068

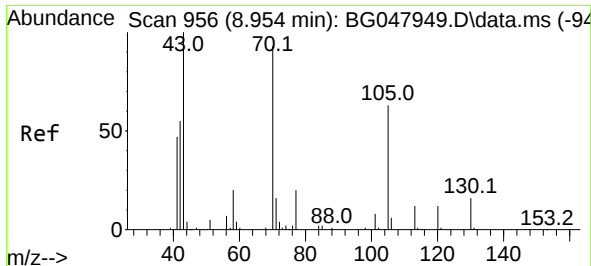
Tgt Ion: 77 Resp: 1244
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#10
Phenol
Concen: 5.66 ng
RT: 7.318 min Scan# 677
Delta R.T. 0.002 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

Tgt Ion: 94 Resp: 25523
Ion Ratio Lower Upper
94 100
65 38.1 6.6 46.6
66 51.2 13.9 53.9

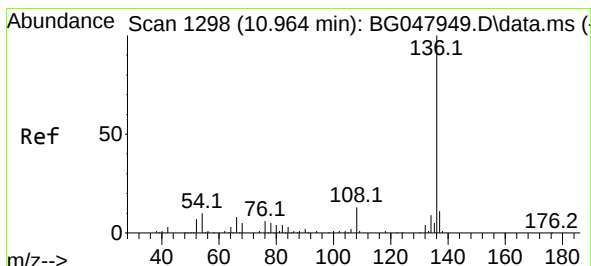
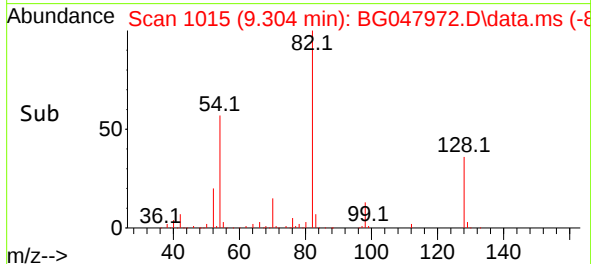
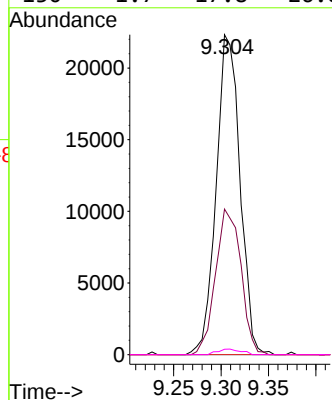
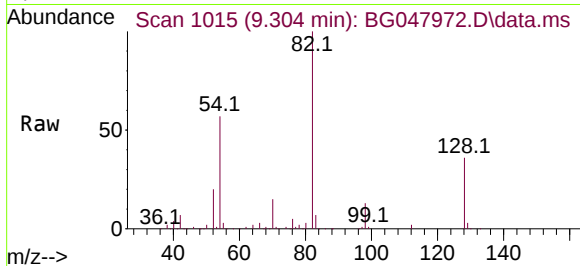




#19
n-Nitroso-di-n-propylamine
Concen: 11.58 ng
RT: 9.304 min Scan# 1015
Delta R.T. 0.349 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

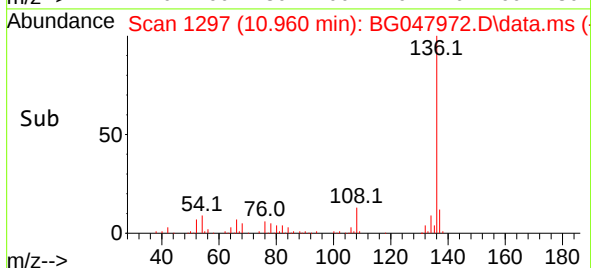
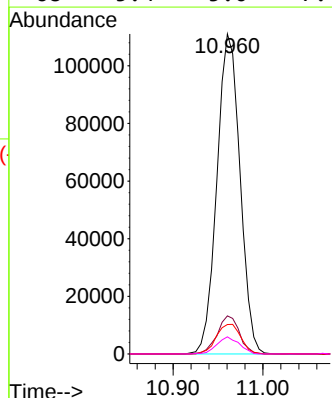
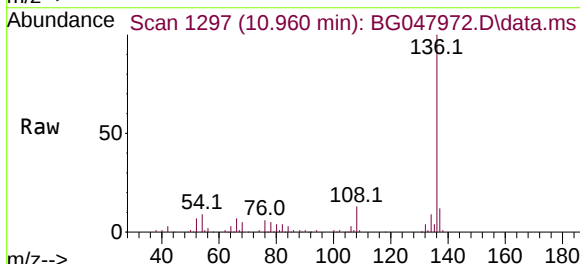
Instrument :
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ClientSampleId :
FK-PS-01-068

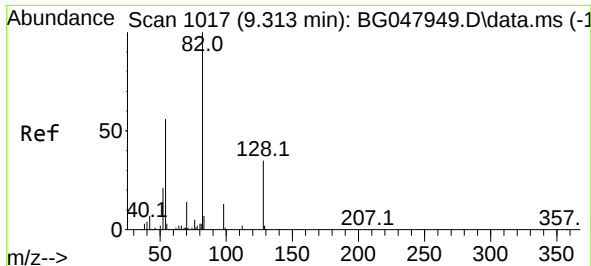
Tgt Ion:	70	Resp:	39008
Ion	Ratio	Lower	Upper
70	100		
42	45.5	45.6	68.4#
101	0.0	8.4	12.6#
130	1.7	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.960 min Scan# 1297
Delta R.T. -0.004 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

Tgt Ion:	136	Resp:	198018
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	9.2	6.2	9.4
68	5.4	5.0	7.4

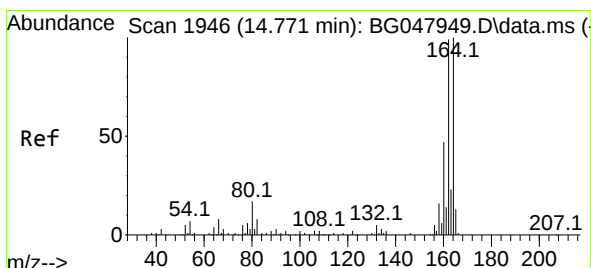
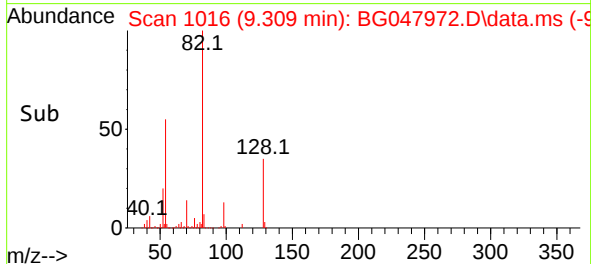
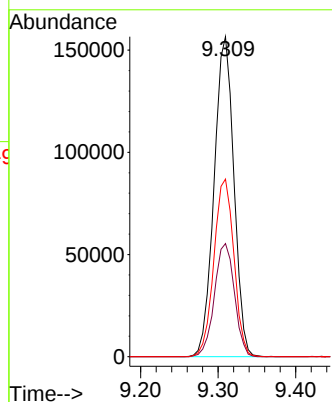
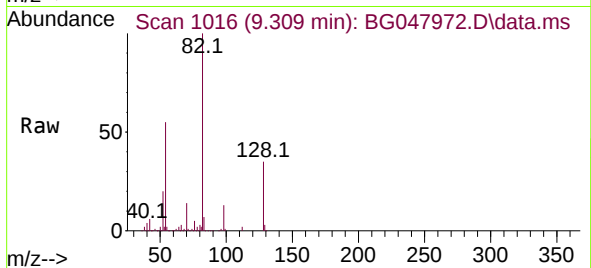




#23
Nitrobenzene-d5
Concen: 61.70 ng
RT: 9.309 min Scan# 1016
Delta R.T. -0.003 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

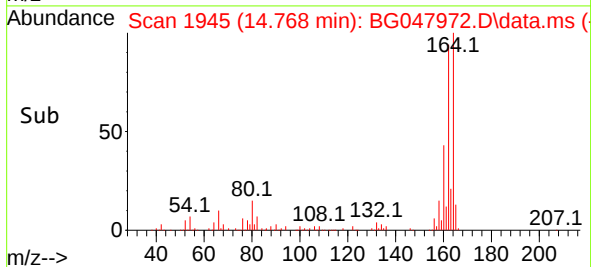
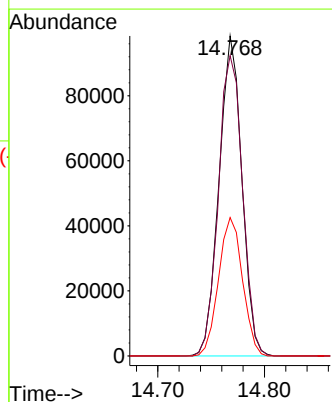
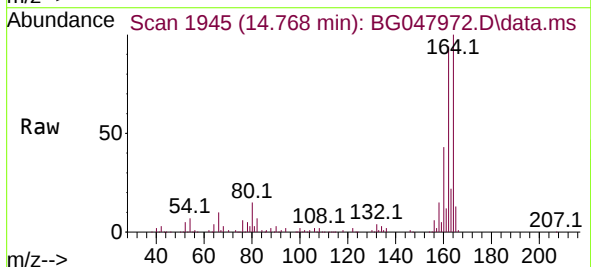
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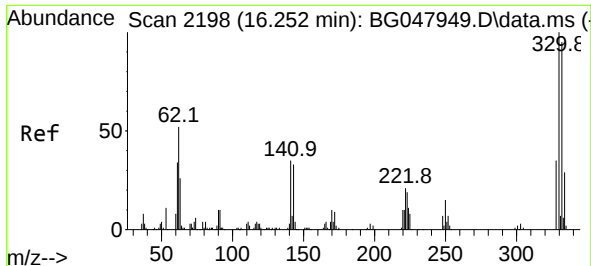
Tgt Ion: 82 Resp: 277826
Ion Ratio Lower Upper
82 100
128 35.3 37.0 55.6#
54 55.5 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.768 min Scan# 1945
Delta R.T. -0.003 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

Tgt Ion:164 Resp: 146230
Ion Ratio Lower Upper
164 100
162 93.9 82.3 123.5
160 43.3 35.3 52.9

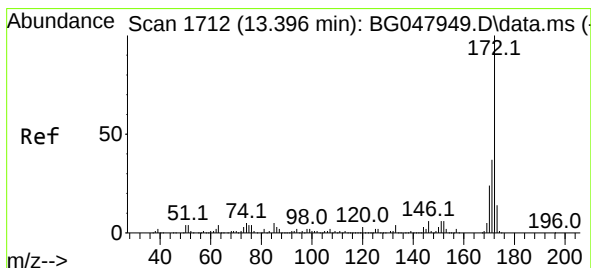
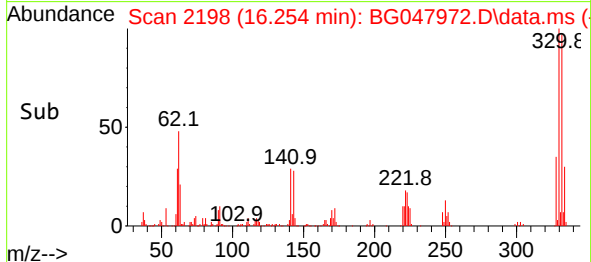
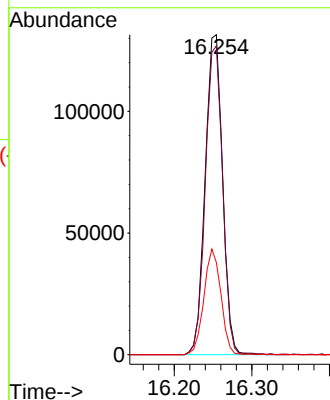
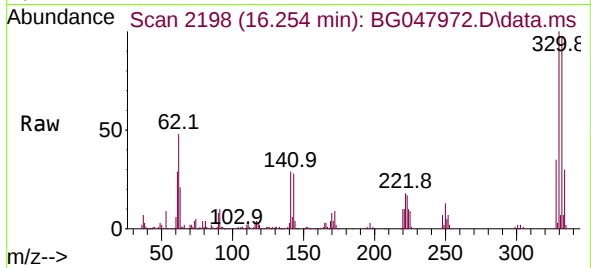




#42
2,4,6-Tribromophenol
Concen: 87.69 ng
RT: 16.254 min Scan# 2198
Delta R.T. 0.002 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

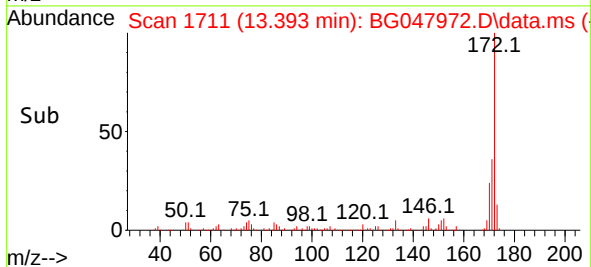
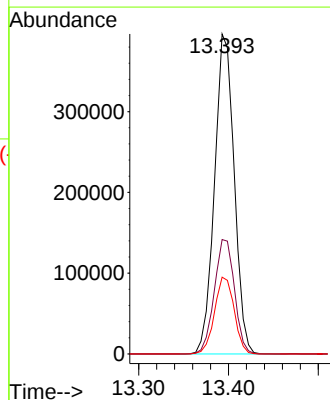
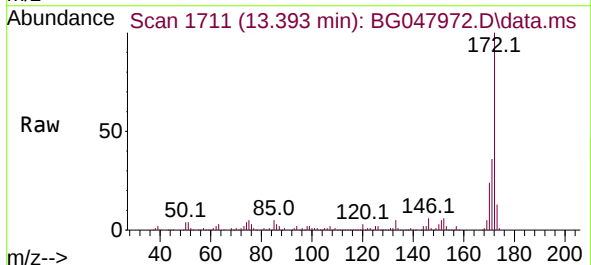
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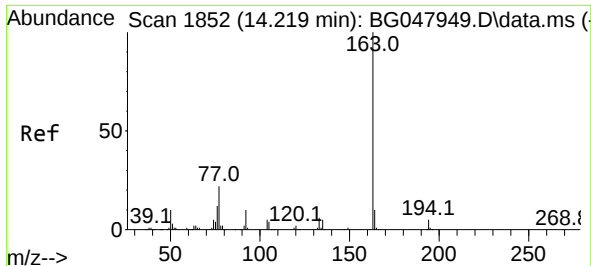
Tgt Ion:330 Resp: 205205
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 32.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 55.00 ng
RT: 13.393 min Scan# 1711
Delta R.T. -0.003 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

Tgt Ion:172 Resp: 602258
Ion Ratio Lower Upper
172 100
171 35.8 31.3 46.9
170 24.0 20.8 31.2

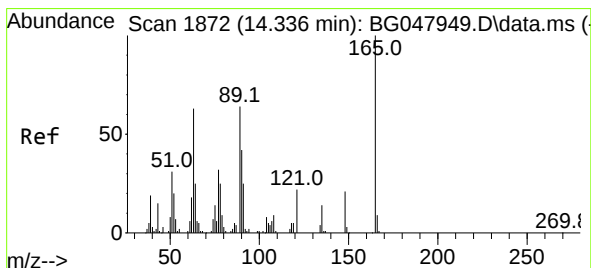
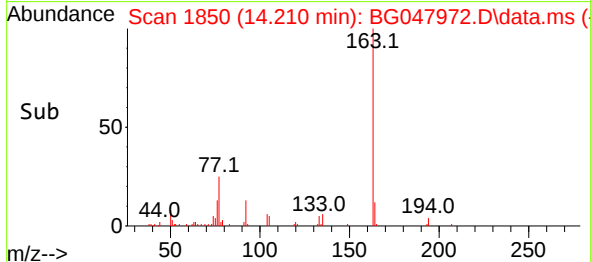
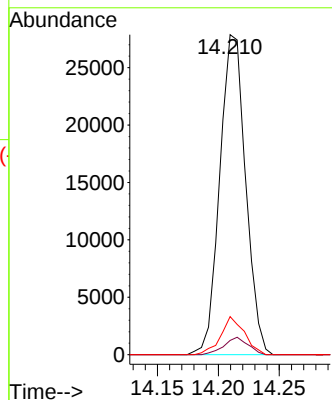
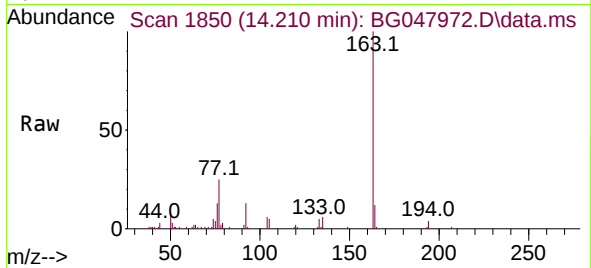




#50
Dimethylphthalate
Concen: 3.24 ng
RT: 14.210 min Scan# 1850
Delta R.T. -0.009 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

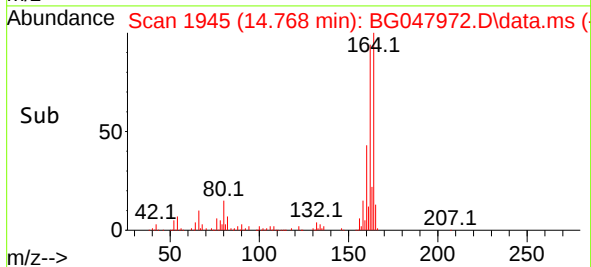
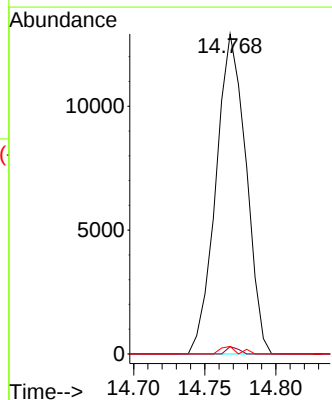
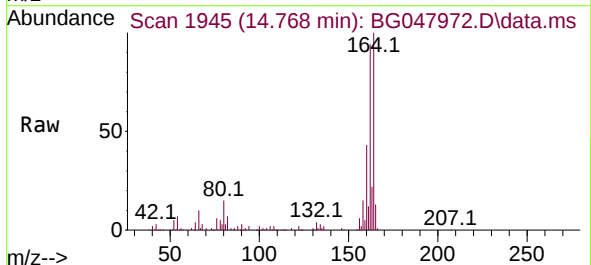
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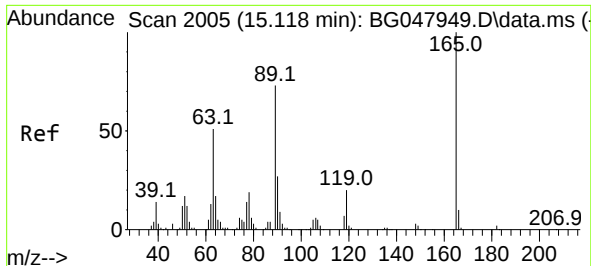
Tgt Ion:163	Resp:	41227
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.8 5.8
164	11.9	8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 14.768 min Scan# 1945
Delta R.T. 0.431 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

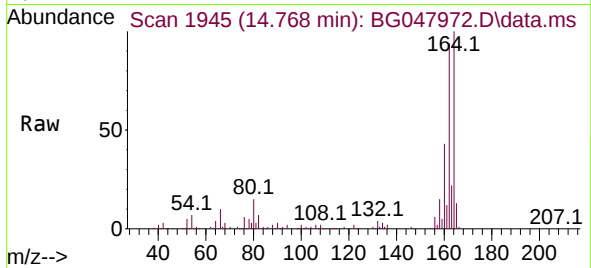
Tgt Ion:165	Resp:	19005
Ion Ratio	Lower	Upper
165	100	
63	2.3	33.7 50.5#
89	2.4	36.6 54.8#



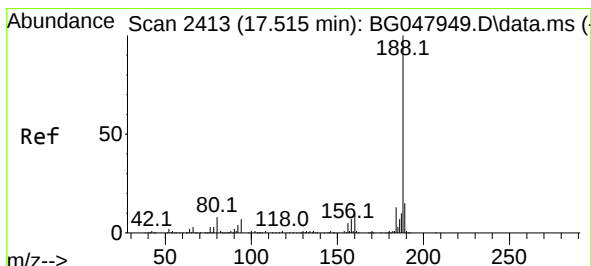
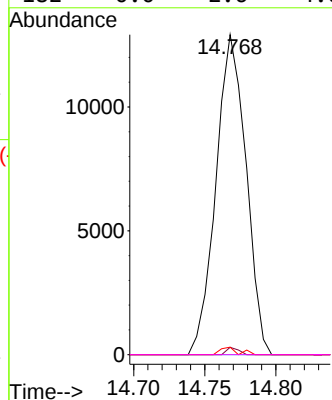
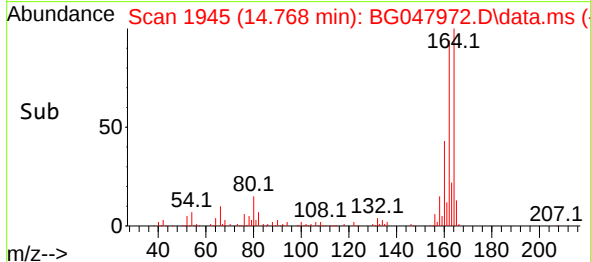


#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 14.768 min Scan# 1945
Delta R.T. -0.350 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

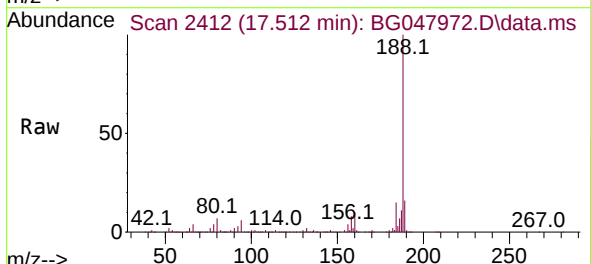
Instrument :
BNA_M
ClientSampleId :
FK-PS-01-068



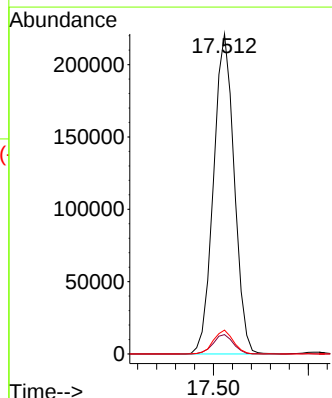
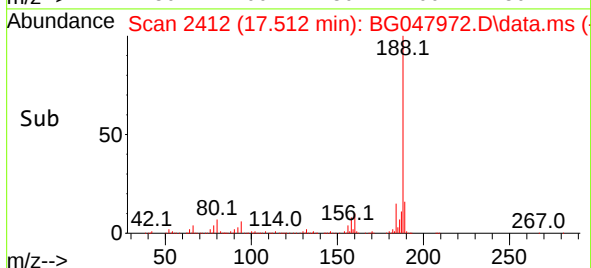
Tgt Ion:165 Resp: 19005
Ion Ratio Lower Upper
165 100
63 2.3 26.4 39.6#
89 2.4 47.8 71.8#
182 0.0 2.6 4.0#

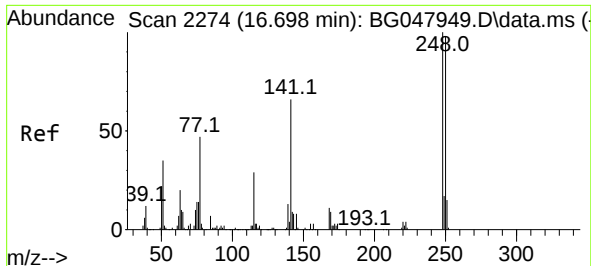


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2412
Delta R.T. -0.003 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29



Tgt Ion:188 Resp: 334798
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.5 7.0 10.6

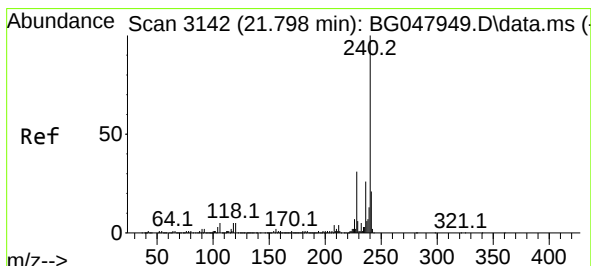
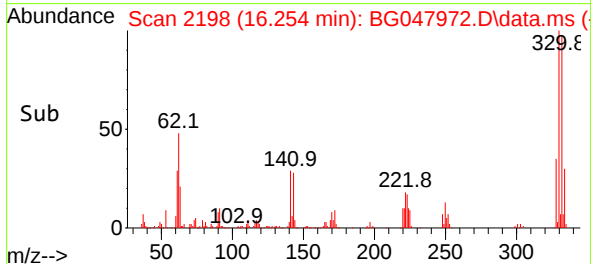
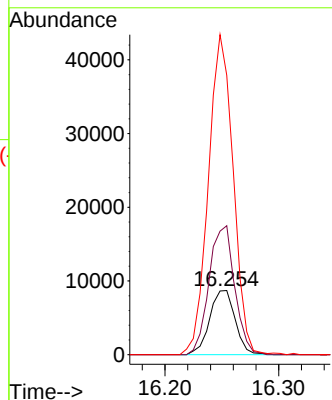
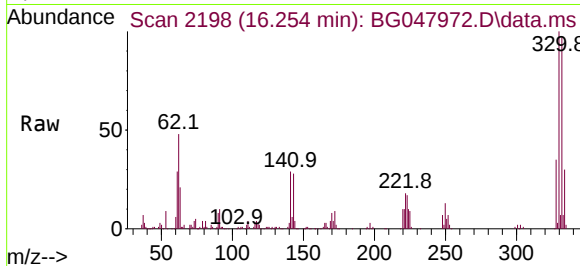




#67
4-Bromophenyl-phenylether
Concen: 3.06 ng
RT: 16.254 min Scan# 2198
Delta R.T. -0.444 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

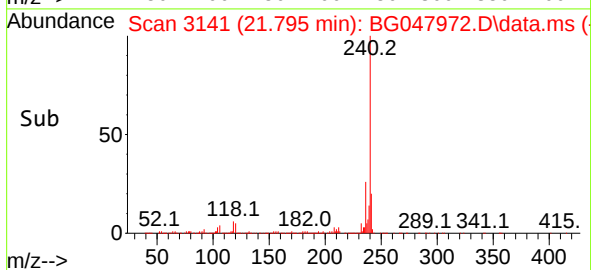
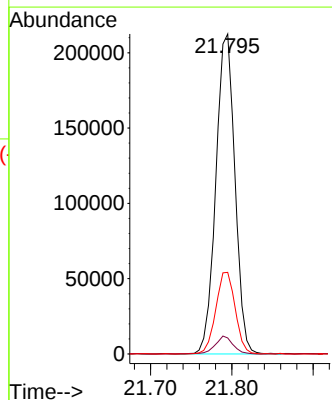
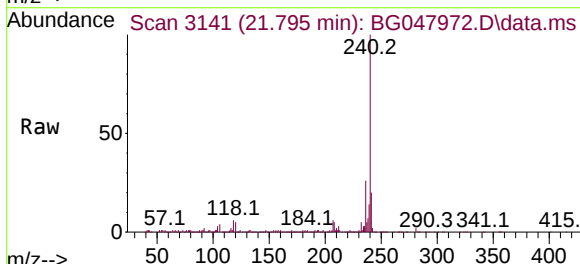
Instrument :
BNA_M
ClientSampleId :
FK-PS-01-068

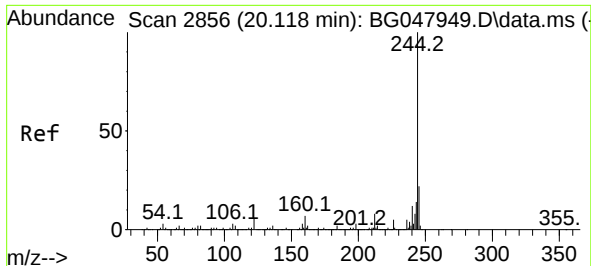
Tgt Ion:248 Resp: 13604
Ion Ratio Lower Upper
248 100
250 201.1 78.9 118.3#
141 435.3 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BG047972.D
Acq: 22 Jan 2021 3:29

Tgt Ion:240 Resp: 346628
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 25.5 20.5 30.7

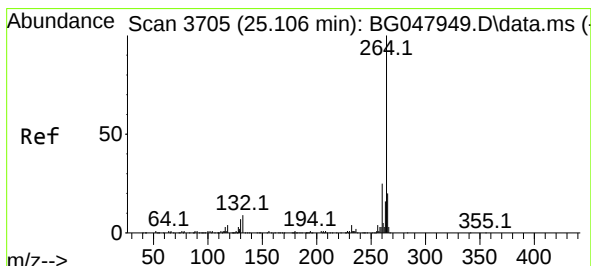
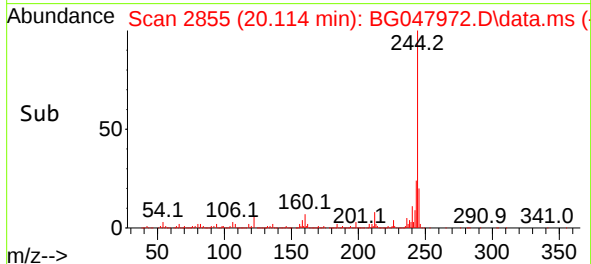
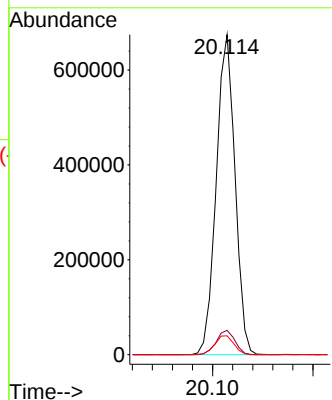
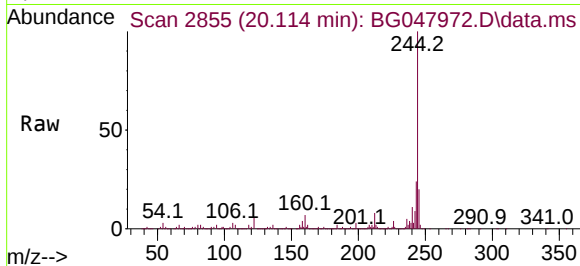




#79
 Terphenyl-d14
 Concen: 46.63 ng
 RT: 20.114 min Scan# 2855
 Delta R.T. -0.003 min
 Lab File: BG047972.D
 Acq: 22 Jan 2021 3:29

Instrument :
 BNA_M
 ClientSampleId :
 FK-PS-01-068

Tgt Ion:244 Resp: 874160
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.7 10.1
 122 5.9 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.103 min Scan# 3704
 Delta R.T. -0.003 min
 Lab File: BG047972.D
 Acq: 22 Jan 2021 3:29

Tgt Ion:264 Resp: 352155
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.8 28.2
 265 21.4 17.8 26.8

