

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122057.D
 Acq On : 21 Oct 2020 16:12
 Operator : JU/CG
 Sample : L4454-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT

Quant Time: Oct 21 16:46:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

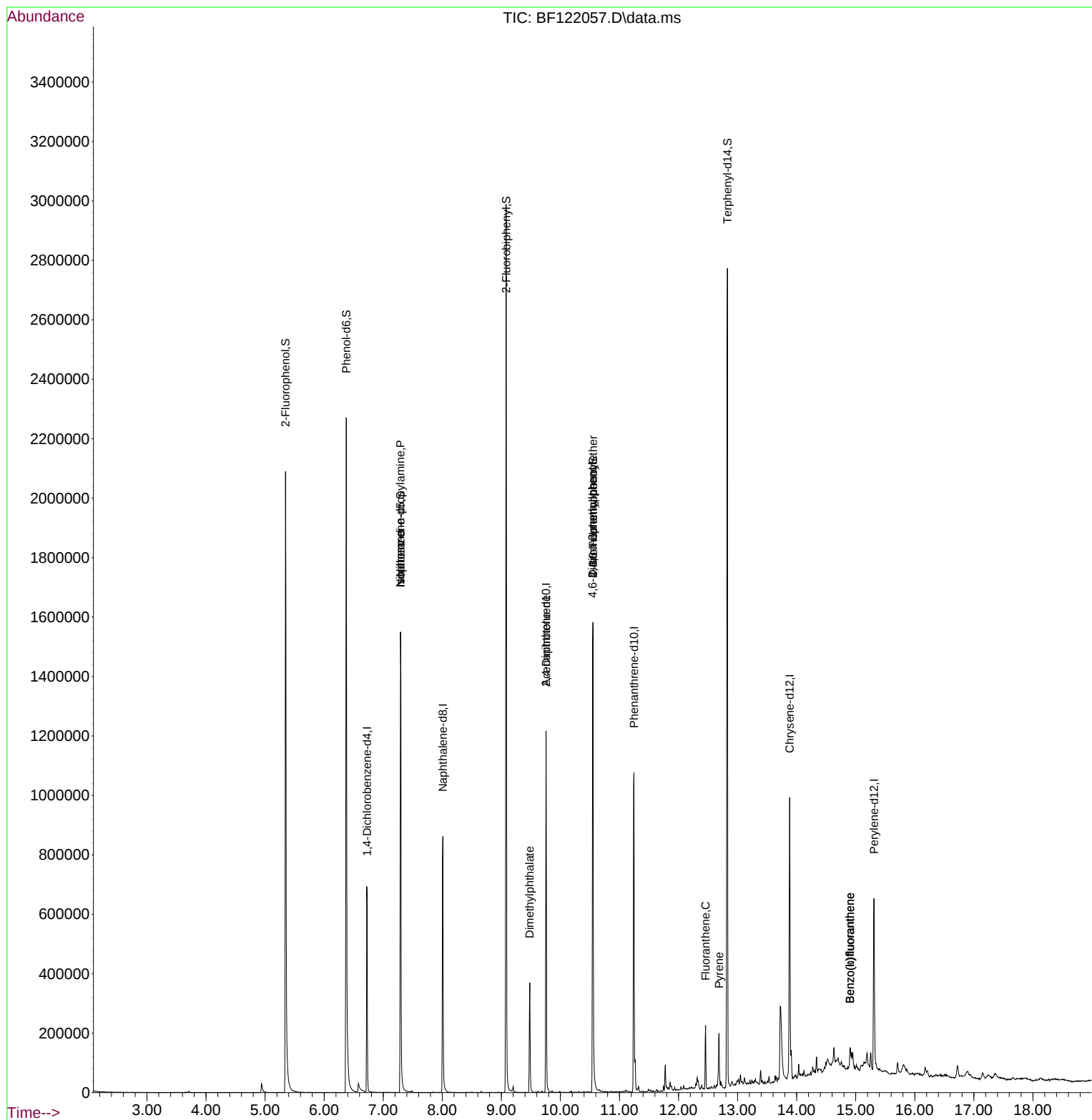
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	103804	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	426771	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	224548	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	425589	20.00	ng	0.00
76) Chrysene-d12	13.880	240	290394	20.00	ng	0.00
86) Perylene-d12	15.310	264	253999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	630503	89.65	ng	0.00
7) Phenol-d6	6.375	99	797312	88.06	ng	0.00
23) Nitrobenzene-d5	7.292	82	542194	65.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	230324	82.92	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	898839	58.90	ng	0.00
79) Terphenyl-d14	12.827	244	872444	57.26	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.375	77	1073	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.292	70	72022	13.97	ng	# 78
25) Isophorone	7.292	82	541914	34.44	ng	# 67
50) Dimethylphthalate	9.481	163	161327	9.83	ng	99
57) 2,4-Dinitrotoluene	9.757	165	28474	6.42	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.545	198	338	4.54	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	13192	2.68	ng	# 1
75) Fluoranthene	12.457	202	81536	3.26	ng	96
78) Pyrene	12.686	202	78171	3.53	ng	99
88) Benzo(b)fluoranthene	14.904	252	49829	2.90	ng	# 94
89) Benzo(k)fluoranthene	14.904	252	49829	3.06	ng	# 93

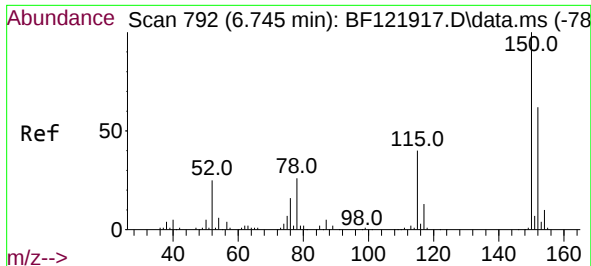
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
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Sample : L4454-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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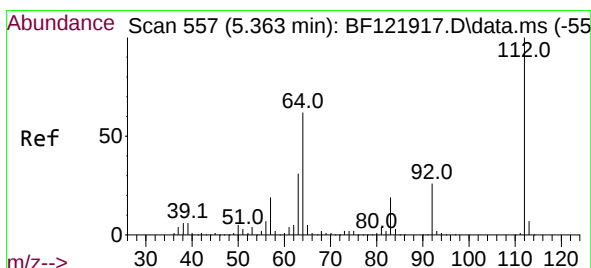
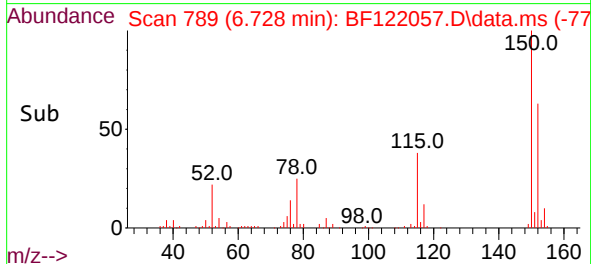
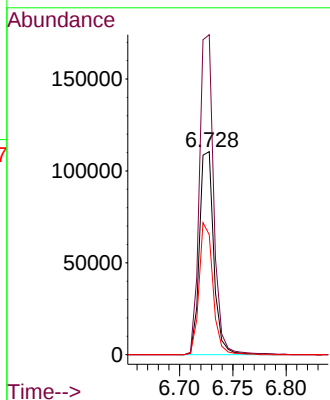
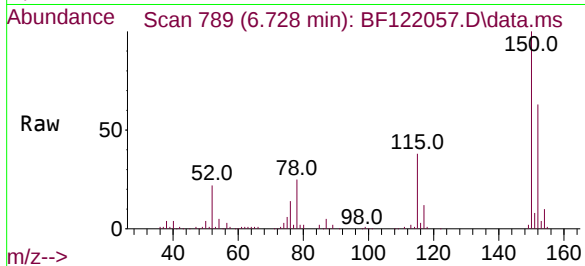




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

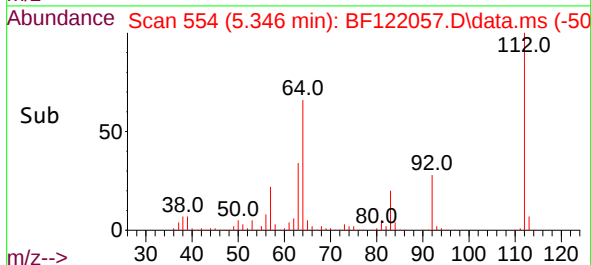
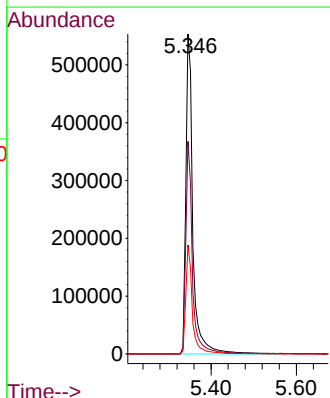
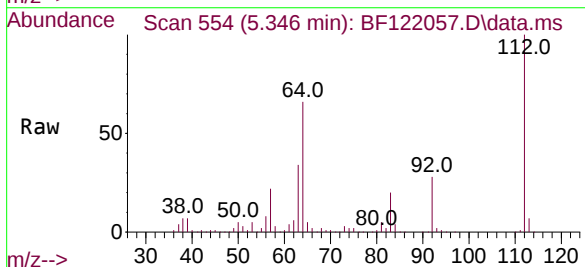
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BNA_F
ClientSampleId :
TEST-PIT

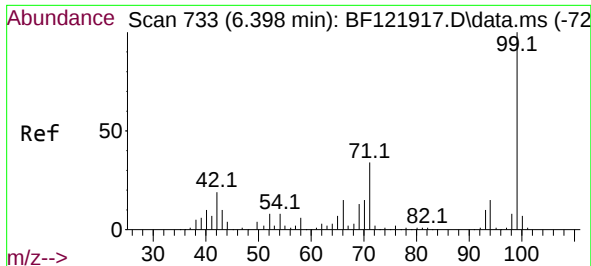
Tgt Ion:152 Resp: 103804
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 59.1 51.9 77.9



#5
2-Fluorophenol
Concen: 89.65 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.000 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Tgt Ion:112 Resp: 630503
Ion Ratio Lower Upper
112 100
64 66.5 50.4 75.6
63 34.1 25.8 38.6

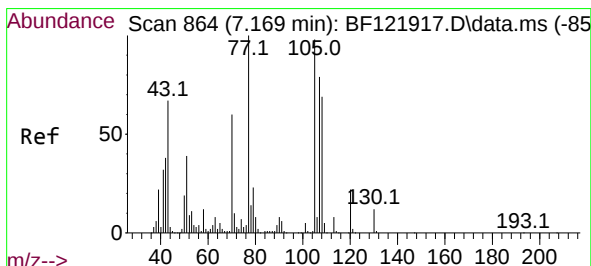
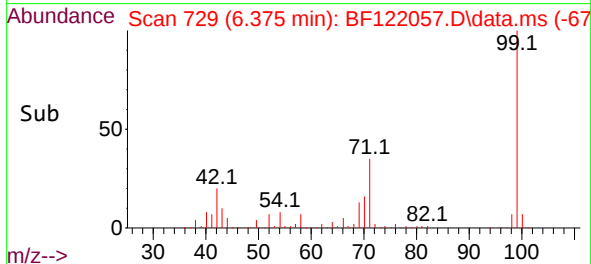
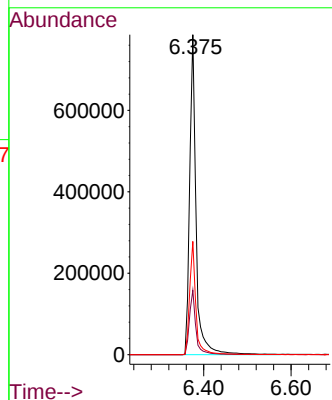
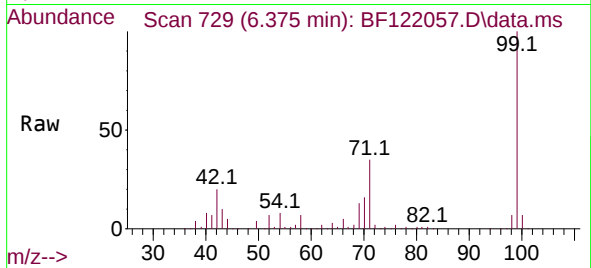




#7
Phenol-d6
Concen: 88.06 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

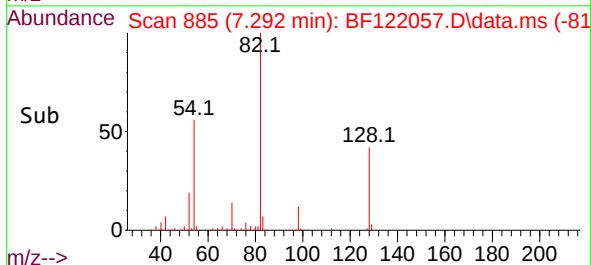
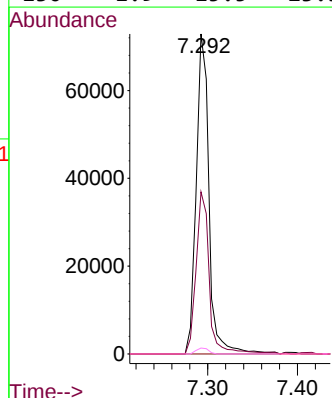
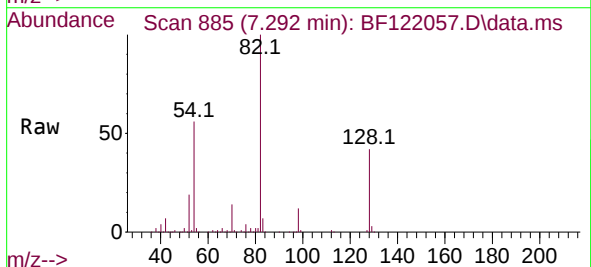
Instrument :
BNA_F
ClientSampleId :
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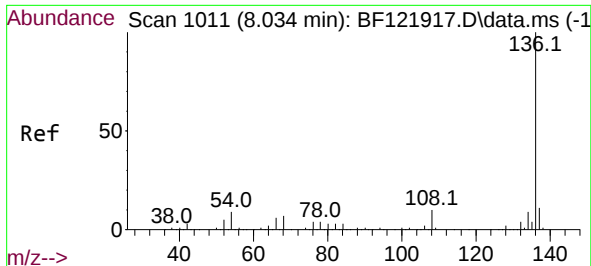
Tgt Ion: 99 Resp: 797312
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 35.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.97 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.135 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Tgt Ion: 70 Resp: 72022
Ion Ratio Lower Upper
70 100
42 50.7 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



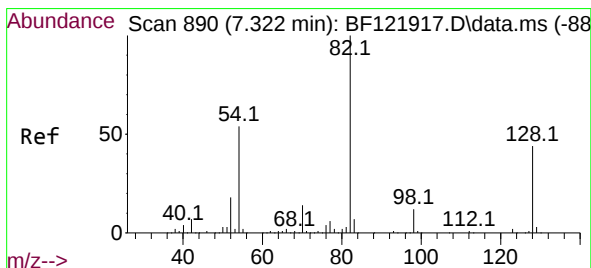
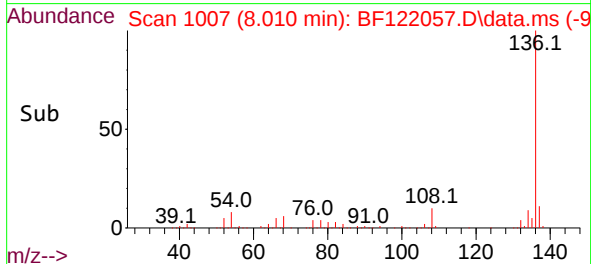
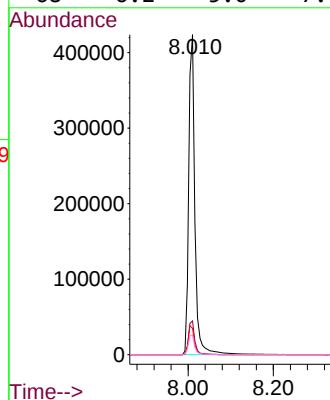
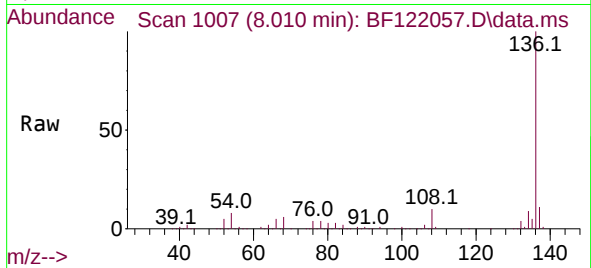


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Instrument :
BNA_F
ClientSampleId :
TEST-PIT

Tgt Ion:136 Resp: 426771

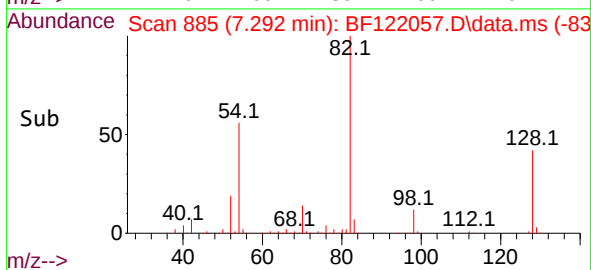
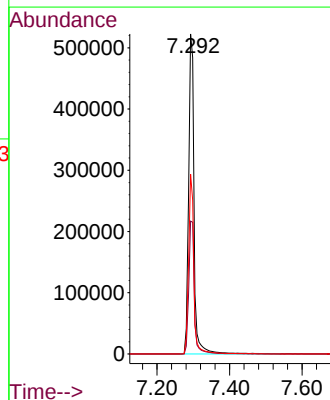
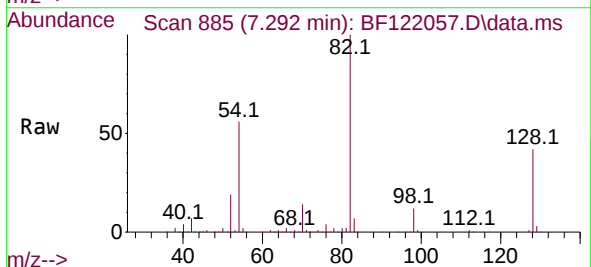
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.2	7.1	10.7
68	6.2	5.0	7.4

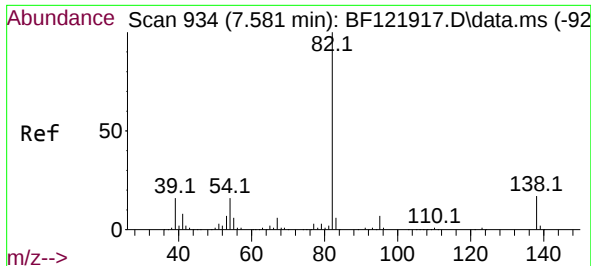


#23
Nitrobenzene-d5
Concen: 65.16 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Tgt Ion: 82 Resp: 542194

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.4
54	56.2	43.9	65.9

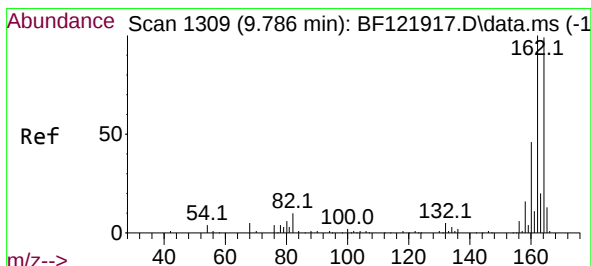
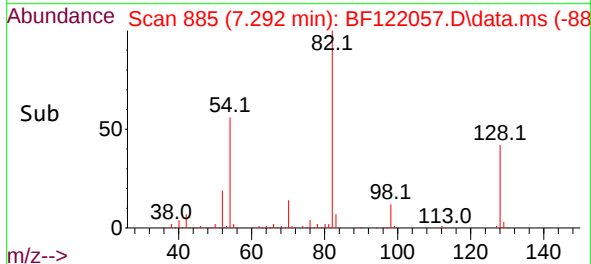
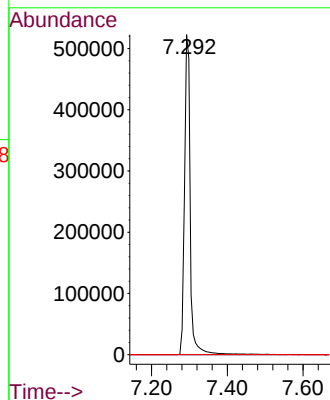
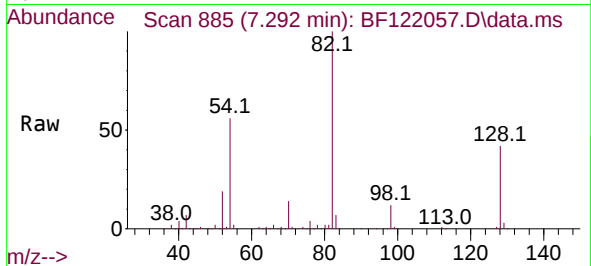




#25
Isophorone
Concen: 34.44 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.271 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

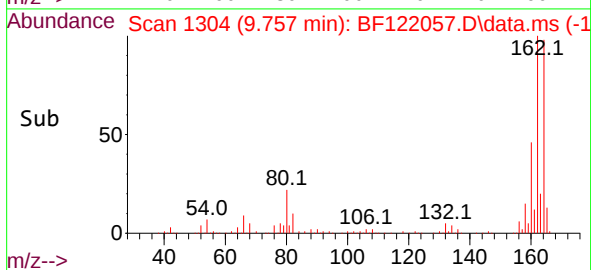
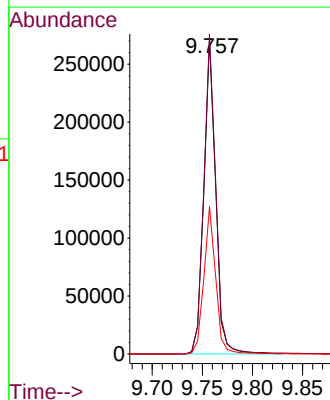
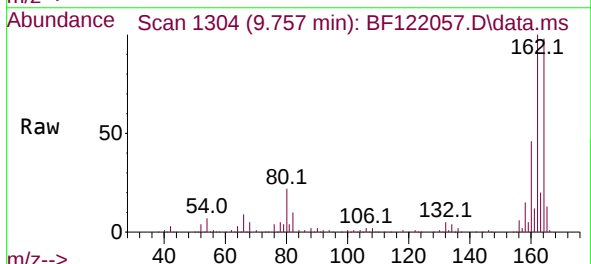
Instrument :
BNA_F
ClientSampleId :
TEST-PIT

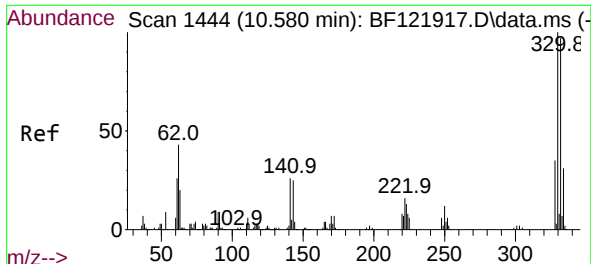
Tgt Ion: 82 Resp: 541914
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Tgt Ion:164 Resp: 224548
Ion Ratio Lower Upper
164 100
162 101.8 83.2 124.8
160 46.9 37.5 56.3

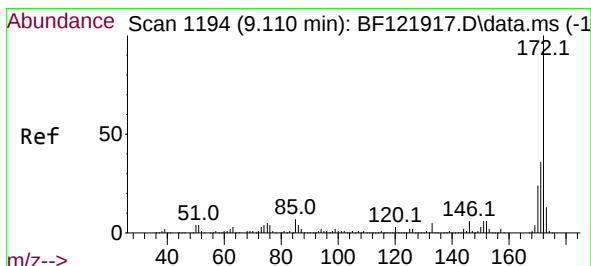
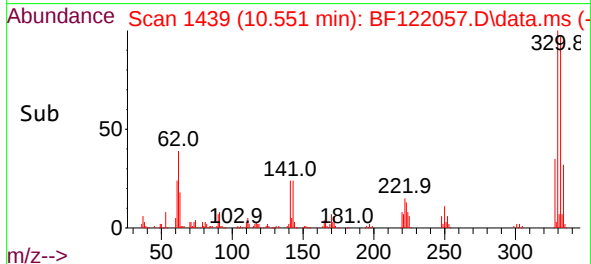
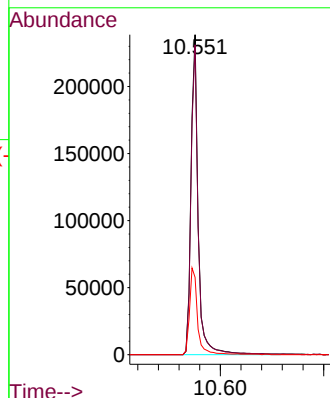
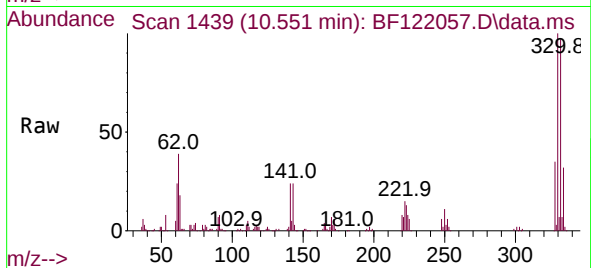




#42
2,4,6-Tribromophenol
Concen: 82.92 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

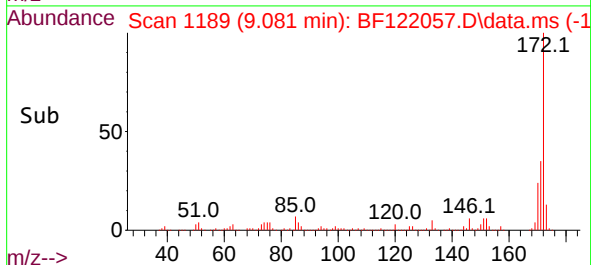
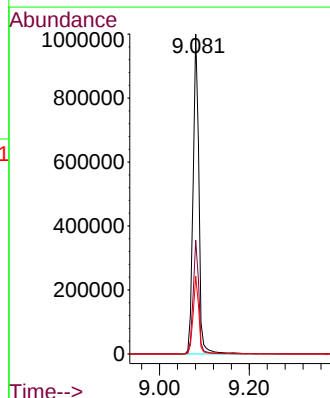
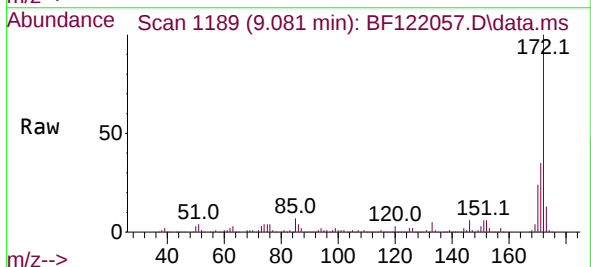
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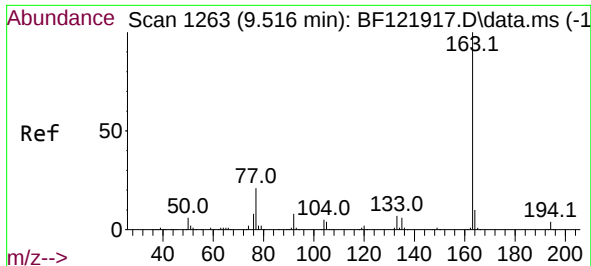
Tgt Ion:330 Resp: 230324
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 30.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 58.90 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Tgt Ion:172 Resp: 898839
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 24.2 19.8 29.6

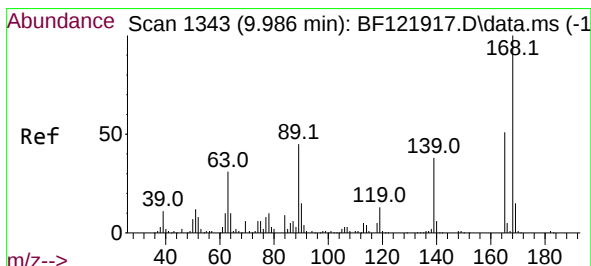
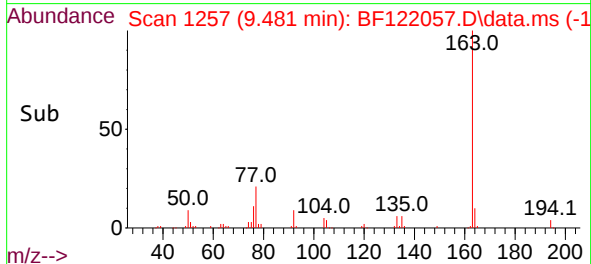
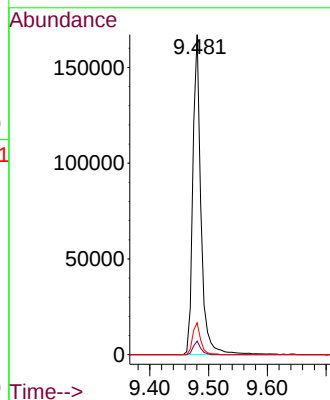
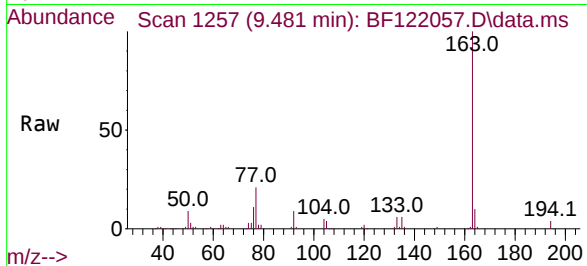




#50
Dimethylphthalate
Concen: 9.83 ng
RT: 9.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

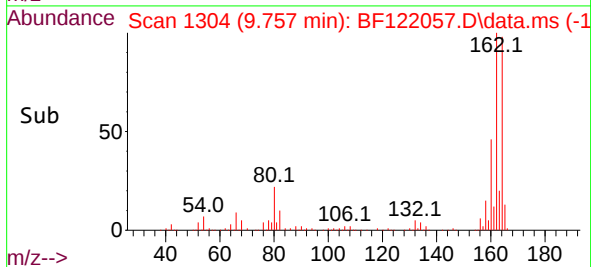
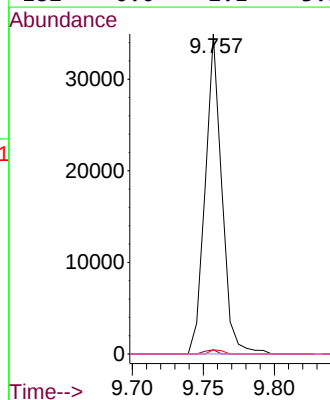
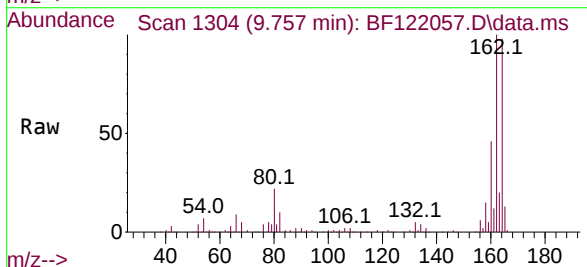
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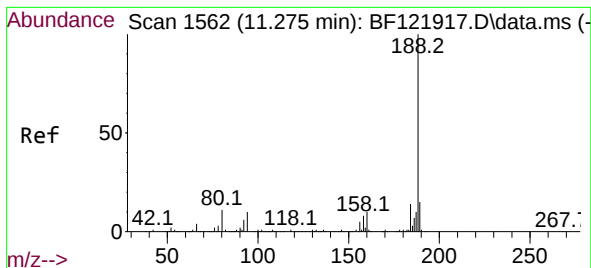
Tgt Ion:163 Resp: 161327
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Tgt Ion:165 Resp: 28474
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

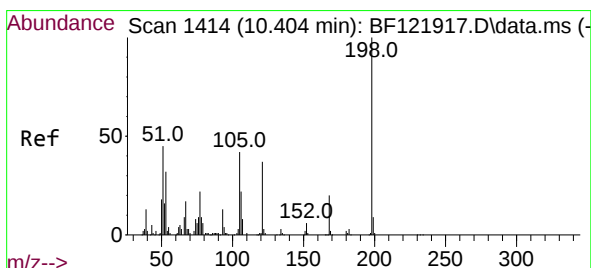
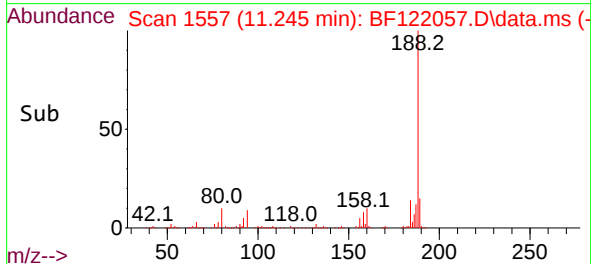
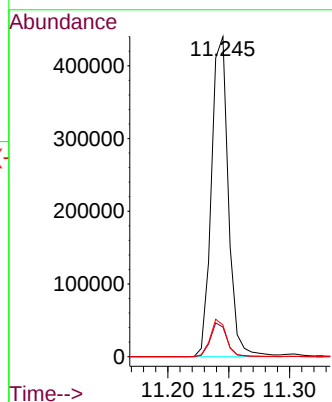
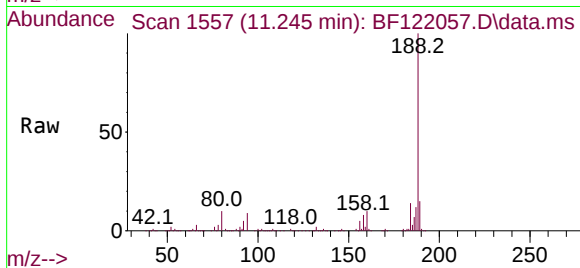




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

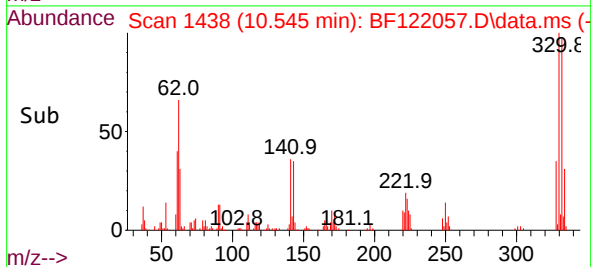
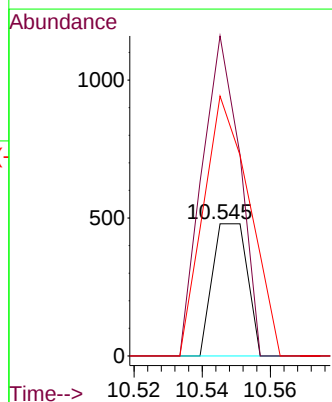
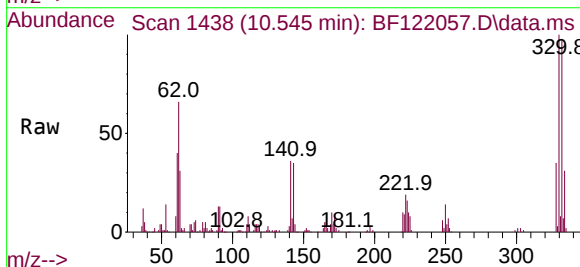
Instrument :
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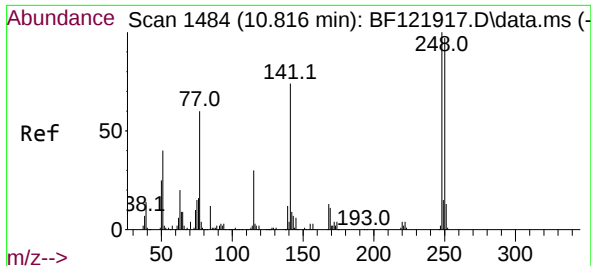
Tgt Ion:188 Resp: 425589
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.9 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.54 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.159 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Tgt Ion:198 Resp: 338
Ion Ratio Lower Upper
198 100
51 242.2 29.6 69.6#
105 196.7 24.4 64.4#

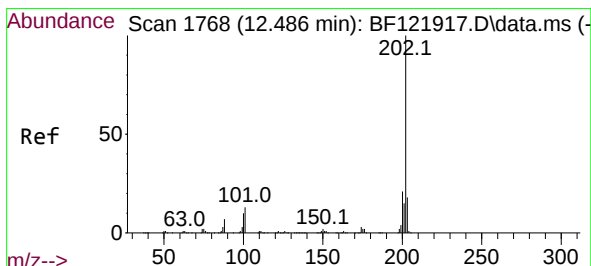
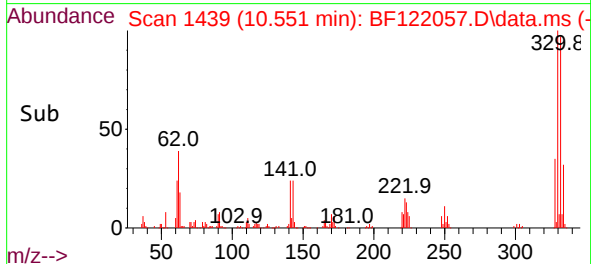
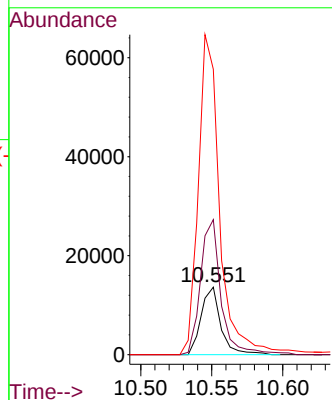
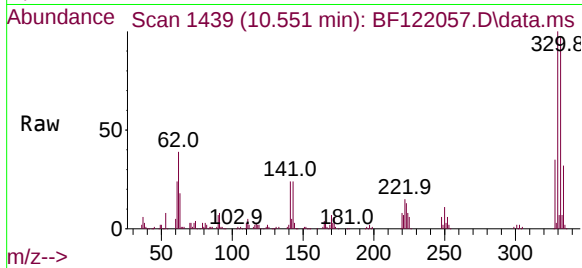




#67
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

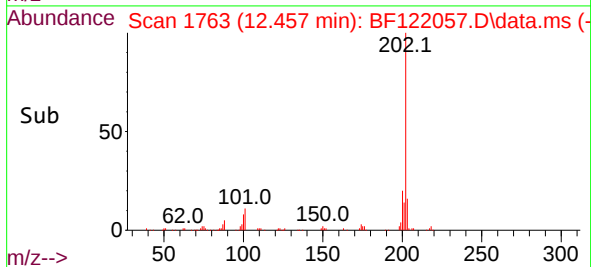
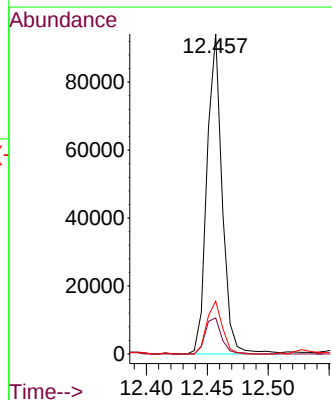
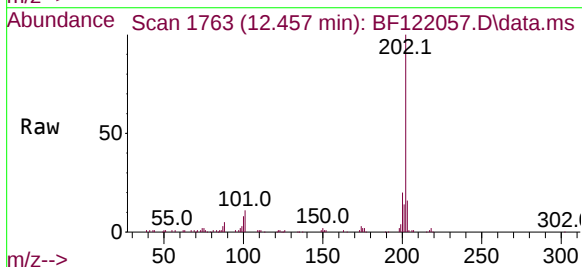
Instrument :
BNA_F
ClientSampleId :
TEST-PIT

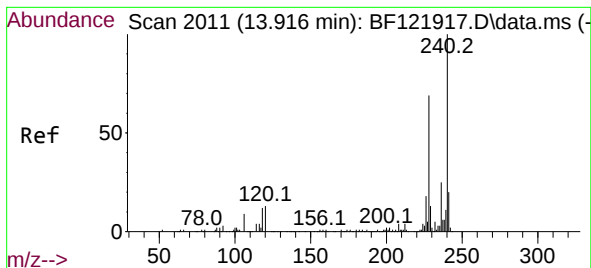
Tgt Ion:248 Resp: 13192
Ion Ratio Lower Upper
248 100
250 199.9 77.0 115.6#
141 422.5 53.7 80.5#



#75
Fluoranthene
Concen: 3.26 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Tgt Ion:202 Resp: 81536
Ion Ratio Lower Upper
202 100
101 11.3 0.0 33.4
203 16.5 0.0 37.9

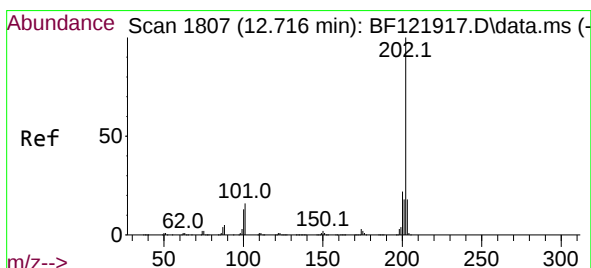
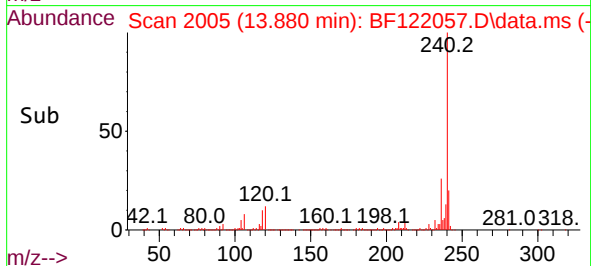
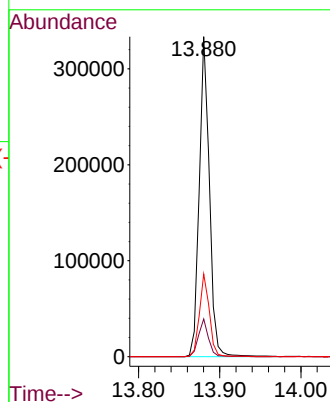
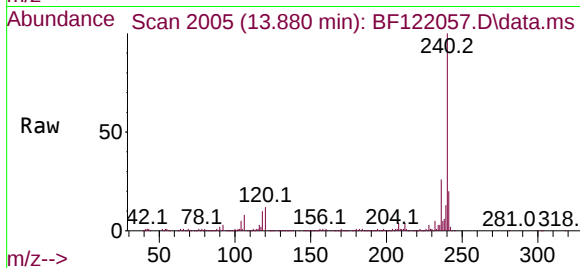




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

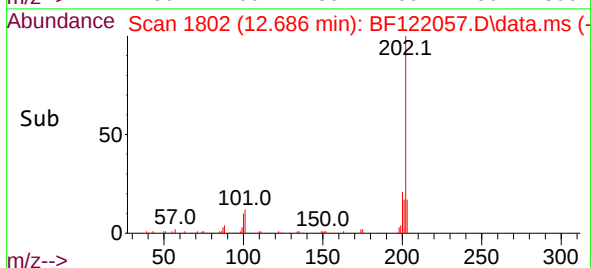
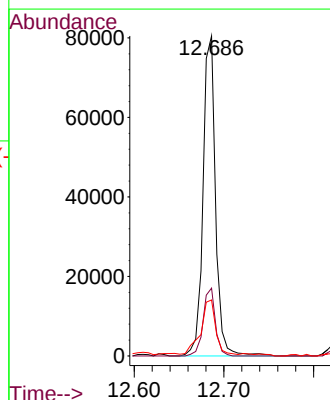
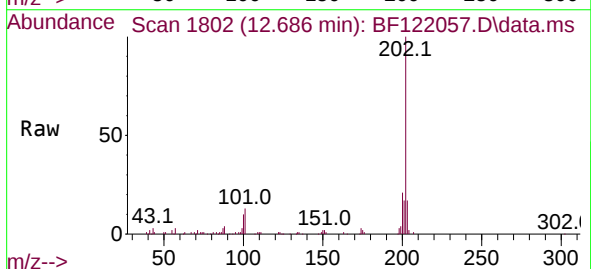
Instrument :
BNA_F
ClientSampleId :
TEST-PIT

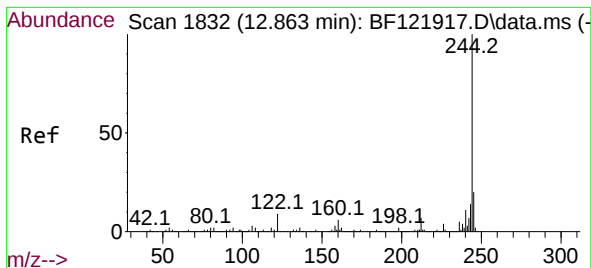
Tgt Ion:240 Resp: 290394
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.8 20.9 31.3



#78
Pyrene
Concen: 3.53 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Tgt Ion:202 Resp: 78171
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.5 14.6 21.8





#79

Terphenyl-d14

Concen: 57.26 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF122057.D

Acq: 21 Oct 2020 16:12

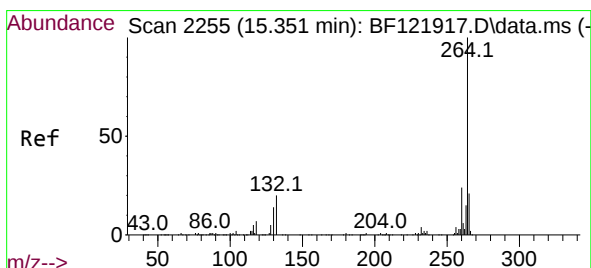
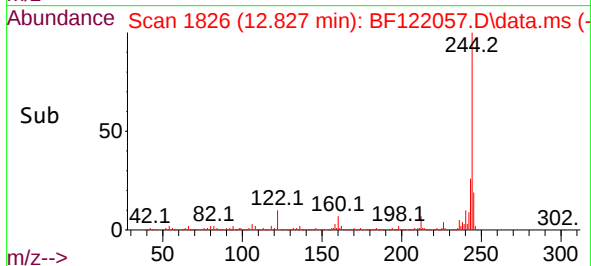
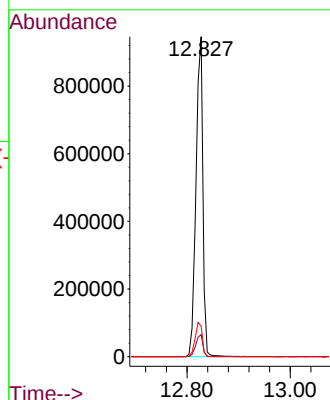
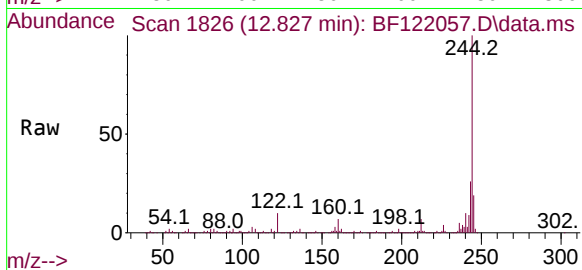
Tgt Ion:244 Resp: 872444

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 9.6 8.1 12.1



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.310 min Scan# 2248

Delta R.T. -0.006 min

Lab File: BF122057.D

Acq: 21 Oct 2020 16:12

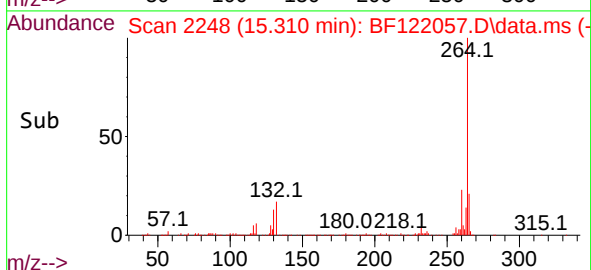
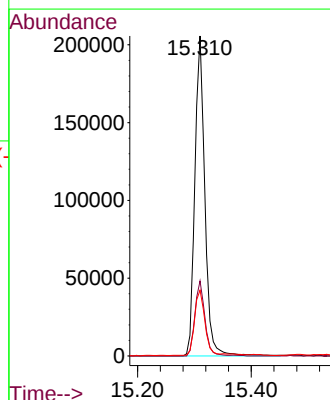
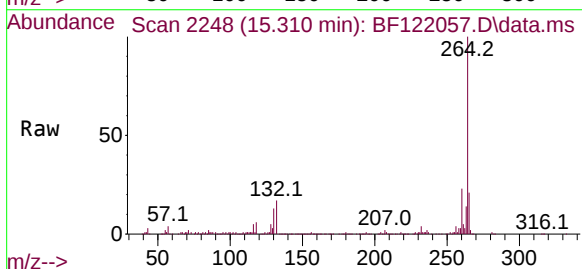
Tgt Ion:264 Resp: 253999

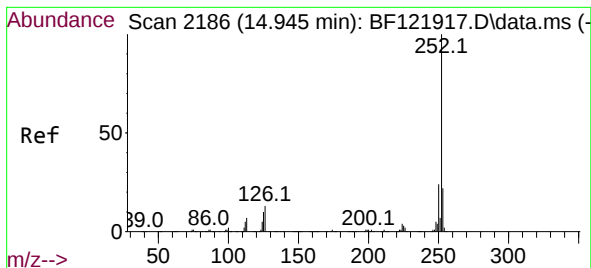
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 20.6 17.3 25.9

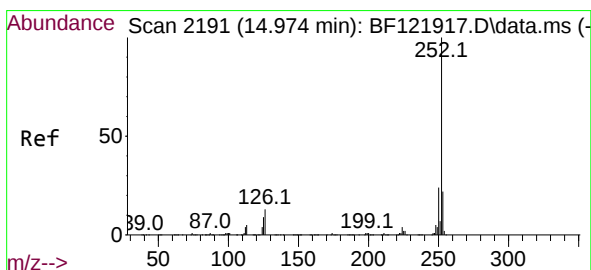
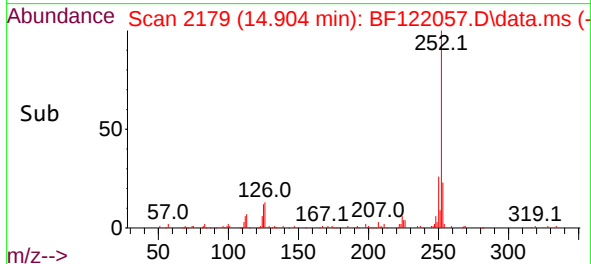
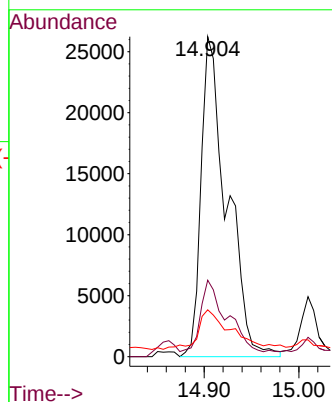
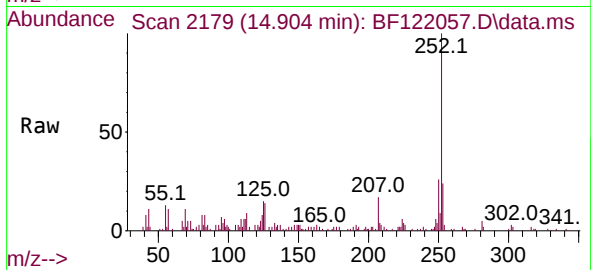




#88
Benzo(b)fluoranthene
Concen: 2.90 ng
RT: 14.904 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Instrument :
BNA_F
ClientSampleId :
TEST-PIT

Tgt Ion:252 Resp: 49829
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.2
125 14.6 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.06 ng
RT: 14.904 min Scan# 2179
Delta R.T. -0.029 min
Lab File: BF122057.D
Acq: 21 Oct 2020 16:12

Tgt Ion:252 Resp: 49829
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 14.6 7.7 11.5#

