

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122034.D
 Acq On : 20 Oct 2020 17:37
 Operator : JU/CG
 Sample : L4457-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUTTON-PR-2152

Quant Time: Oct 20 18:22:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

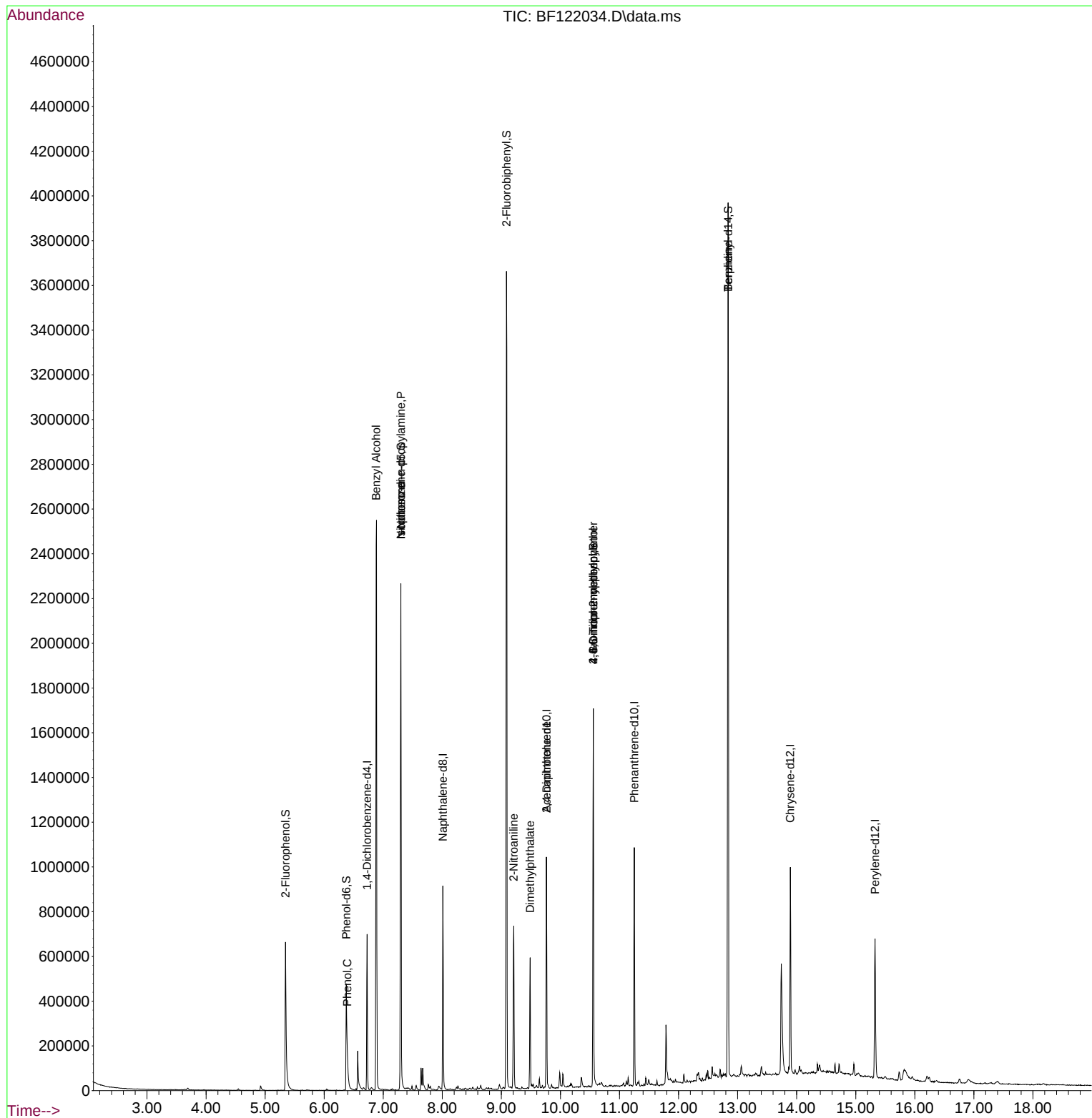
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	92874	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	364489	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	191237	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	373615	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	301592	20.00	ng	-0.02
86) Perylene-d12	15.327	264	260401	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	239414	38.05	ng	-0.02
7) Phenol-d6	6.375	99	180416	22.27	ng	-0.02
23) Nitrobenzene-d5	7.298	82	726782	102.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	208126	87.98	ng	-0.02
45) 2-Fluorobiphenyl	9.086	172	1239352	95.35	ng	-0.02
79) Terphenyl-d14	12.839	244	1533412	96.90	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	490	Below Cal	#	3
10) Phenol	6.392	94	50276	6.01 ng		83
15) Benzyl Alcohol	6.881	79	11739	2.24 ng	#	45
19) n-Nitroso-di-n-propyla...	7.298	70	100239	21.73 ng	#	79
25) Isophorone	7.298	82	726776	54.08 ng	#	67
48) 2-Nitroaniline	9.210	65	8130	2.04 ng	#	14
50) Dimethylphthalate	9.486	163	216696	15.50 ng		99
57) 2,4-Dinitrotoluene	9.763	165	24058	6.37 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.557	198	339	4.56 ng	#	1
67) 4-Bromophenyl-phenylether	10.557	248	11870	2.75 ng	#	1
77) Benzidine	12.839	184	19708	2.12 ng	#	92

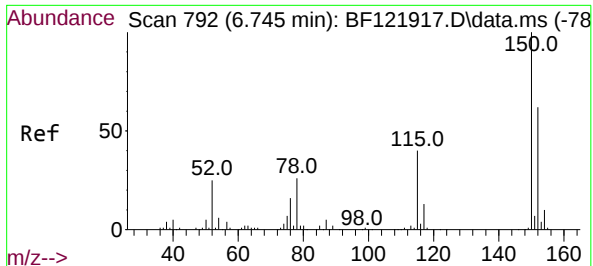
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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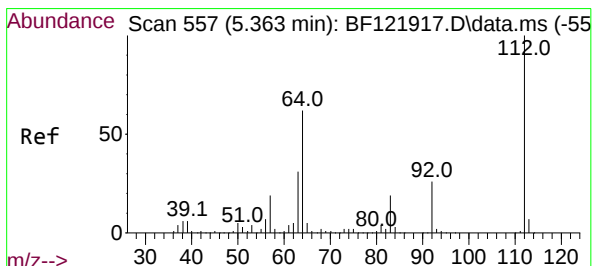
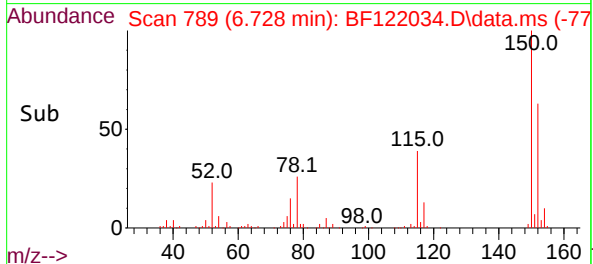
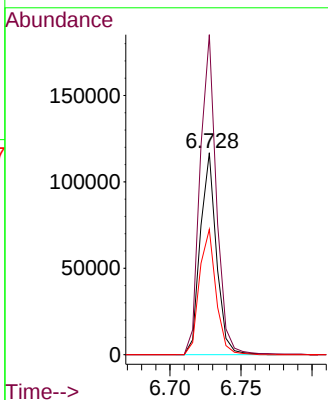
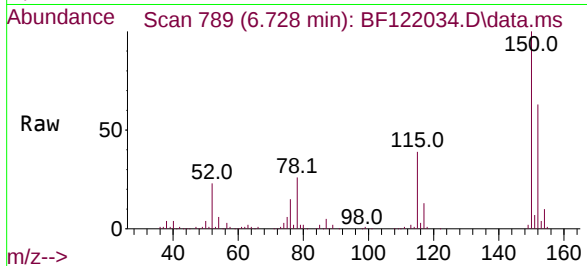




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

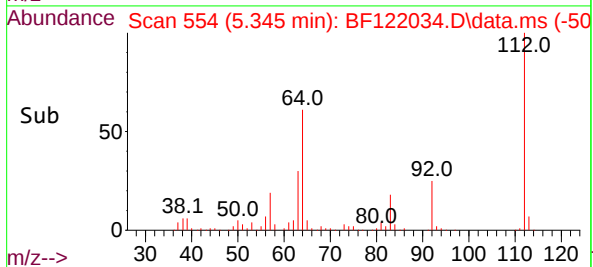
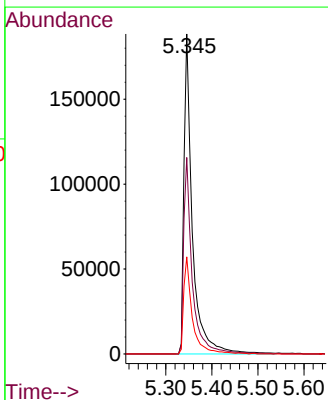
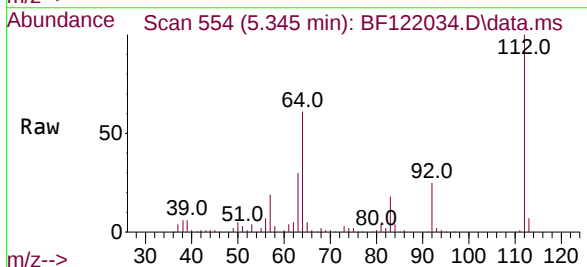
Instrument :
BNA_F
ClientSampleId :
SUTTON-PR-2152

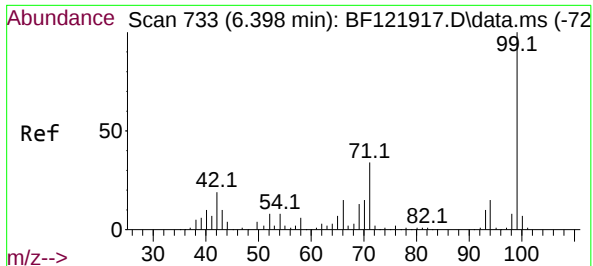
Tgt Ion:152 Resp: 92874
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 62.1 51.9 77.9



#5
2-Fluorophenol
Concen: 38.05 ng
RT: 5.345 min Scan# 554
Delta R.T. -0.018 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

Tgt Ion:112 Resp: 239414
Ion Ratio Lower Upper
112 100
64 61.4 50.4 75.6
63 30.4 25.8 38.6

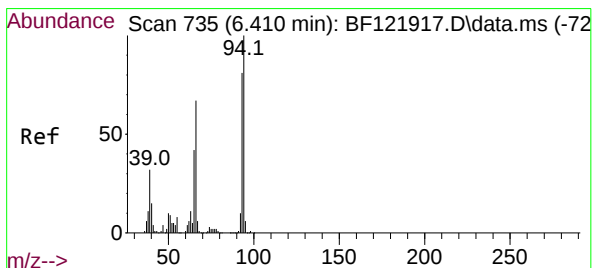
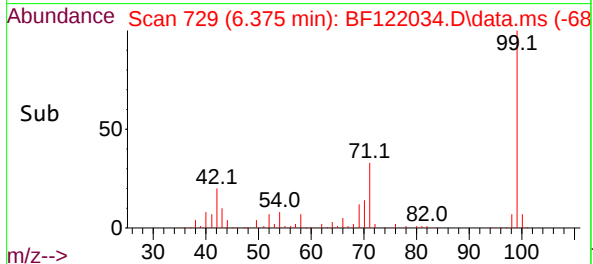
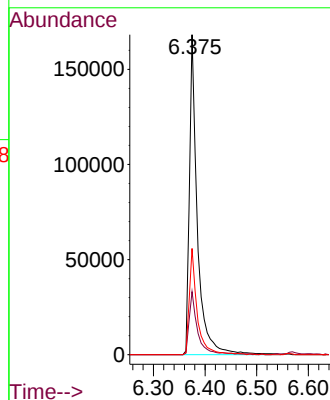
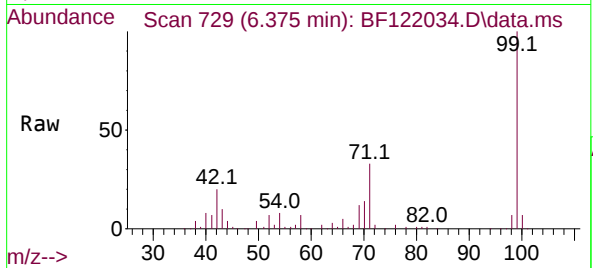




#7
Phenol-d6
Concen: 22.27 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.018 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

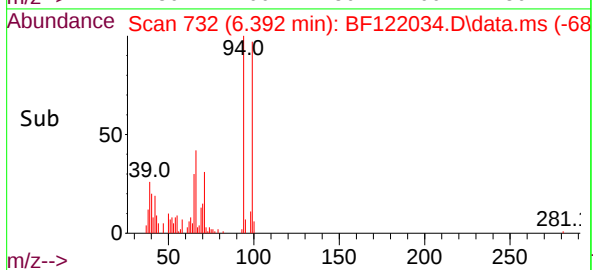
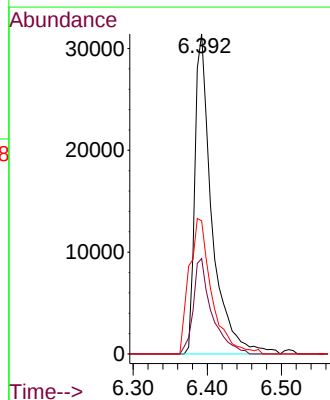
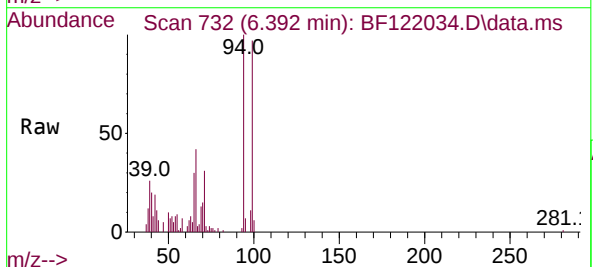
Instrument :
BNA_F
ClientSampleId :
SUTTON-PR-2152

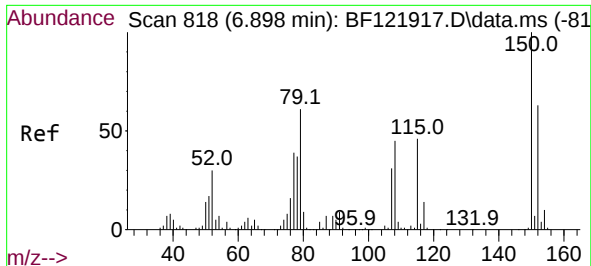
Tgt Ion: 99 Resp: 180416
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 33.2 27.1 40.7



#10
Phenol
Concen: 6.01 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

Tgt Ion: 94 Resp: 50276
Ion Ratio Lower Upper
94 100
65 29.8 17.1 57.1
66 41.6 36.0 76.0

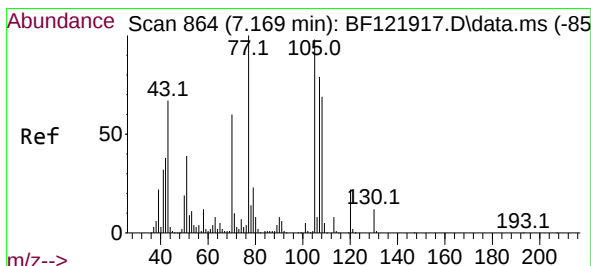
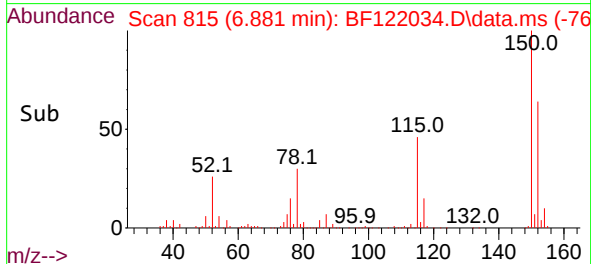
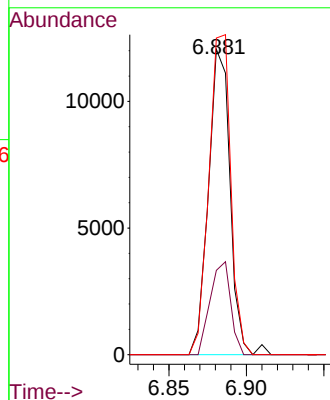
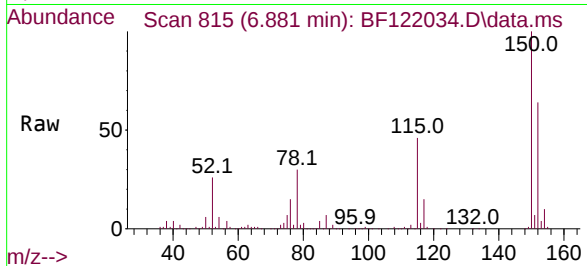




#15
Benzyl Alcohol
Concen: 2.24 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.018 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

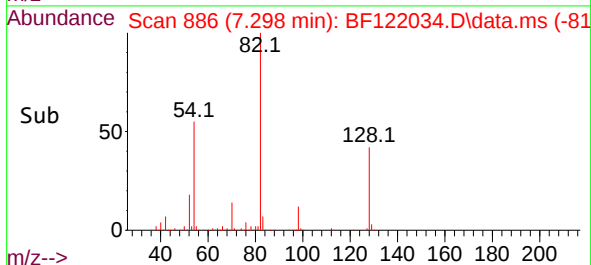
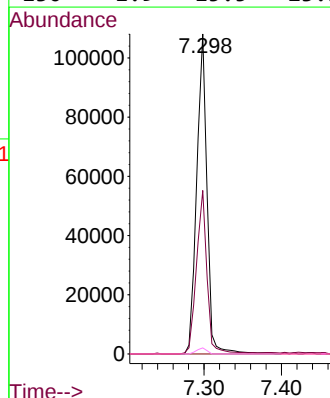
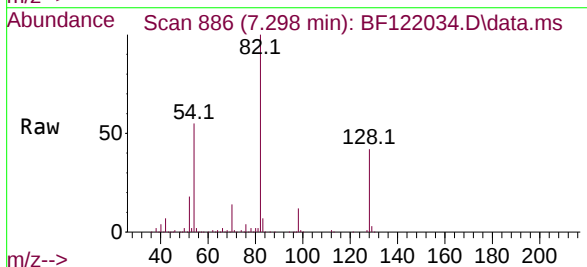
Instrument :
BNA_F
ClientSampleId :
SUTTON-PR-2152

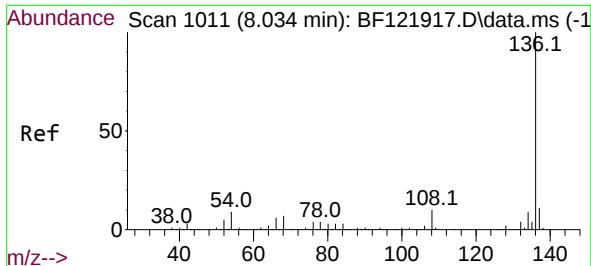
Tgt Ion: 79 Resp: 11739
Ion Ratio Lower Upper
79 100
108 27.6 62.3 93.5#
77 103.7 50.6 75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 21.73 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.135 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

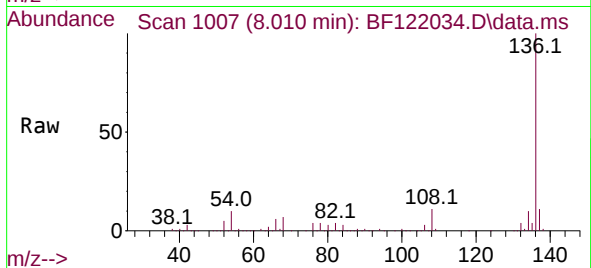
Tgt Ion: 70 Resp: 100239
Ion Ratio Lower Upper
70 100
42 51.1 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



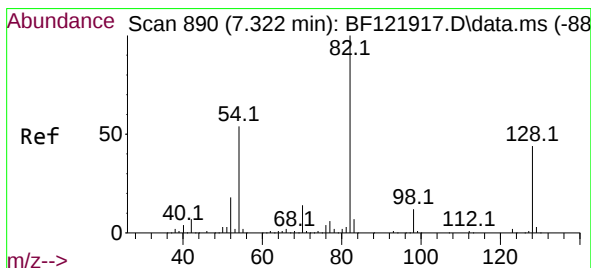
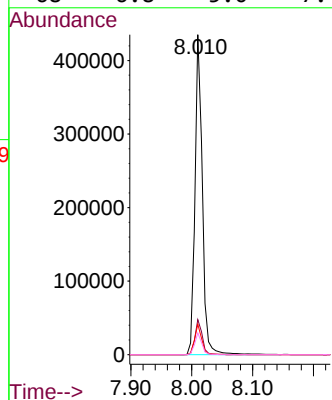
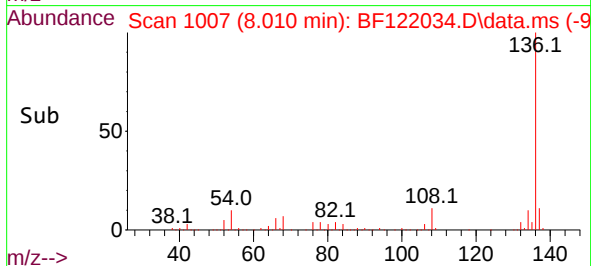


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

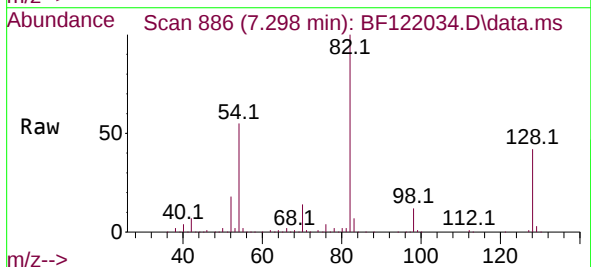
Instrument :
BNA_F
ClientSampleId :
SUTTON-PR-2152



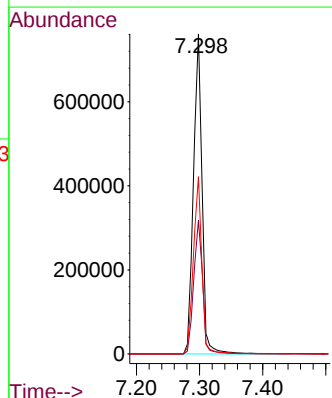
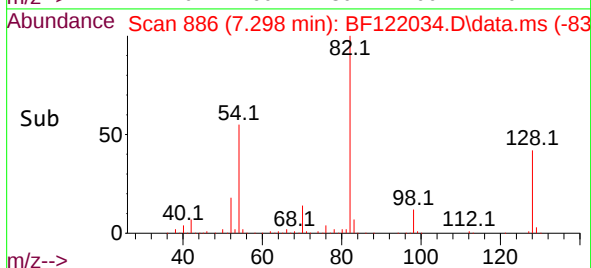
Tgt Ion:136 Resp: 364489
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.5 7.1 10.7
68 6.8 5.0 7.4

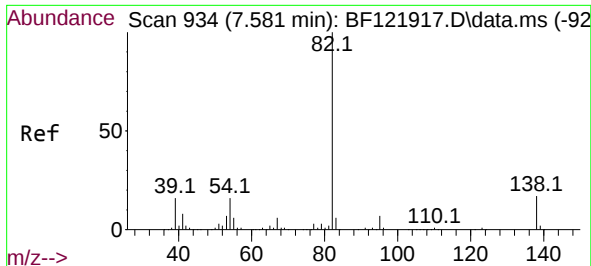


#23
Nitrobenzene-d5
Concen: 102.26 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37



Tgt Ion: 82 Resp: 726782
Ion Ratio Lower Upper
82 100
128 41.8 35.0 52.4
54 55.4 43.9 65.9

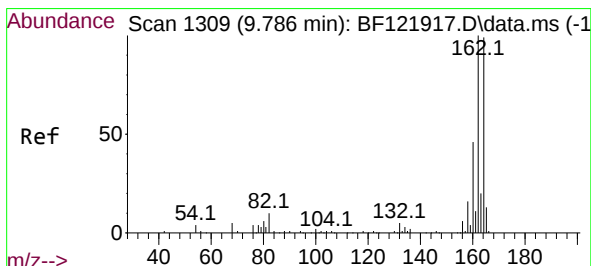
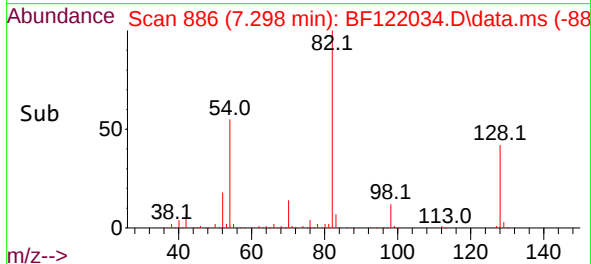
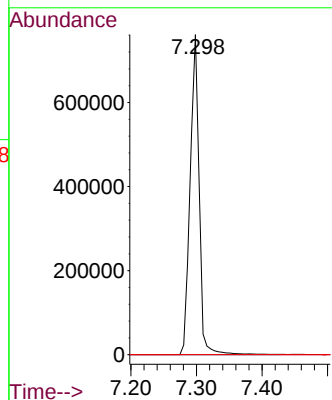
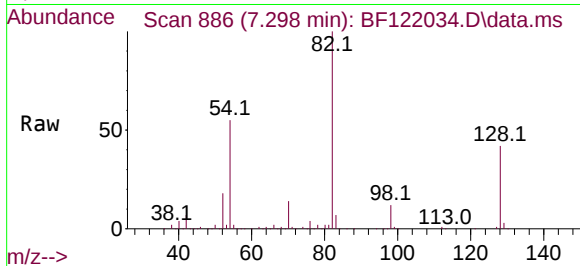




#25
Isophorone
Concen: 54.08 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.276 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

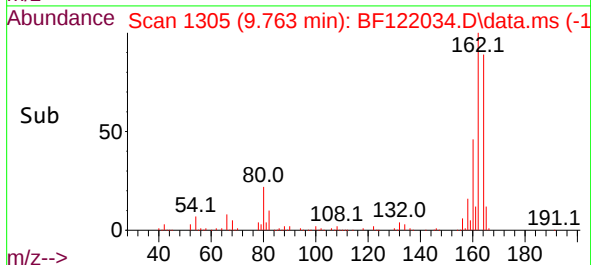
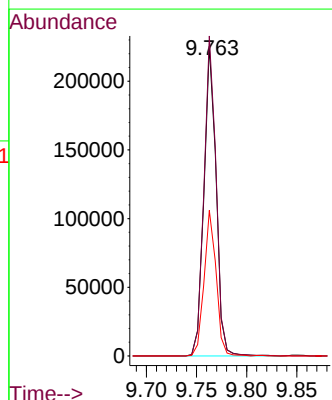
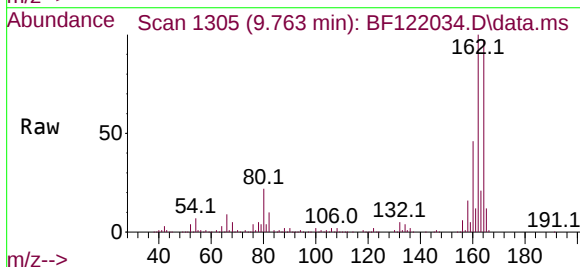
Instrument :
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ClientSampleId :
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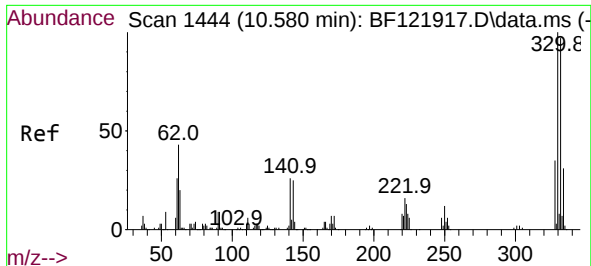
Tgt Ion: 82 Resp: 726776
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

Tgt Ion:164 Resp: 191237
Ion Ratio Lower Upper
164 100
162 103.3 83.2 124.8
160 47.0 37.5 56.3

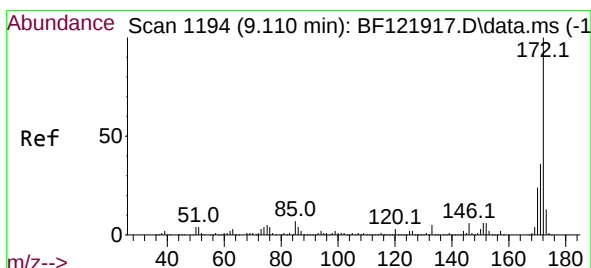
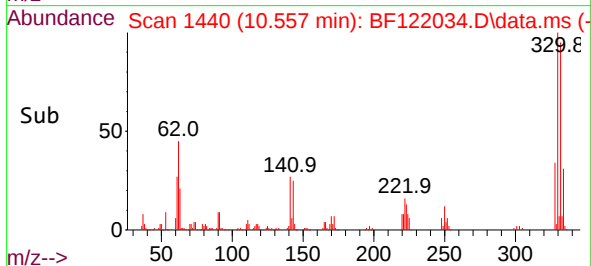
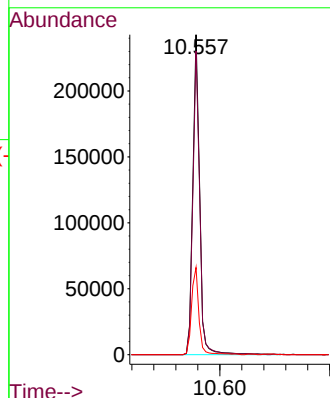
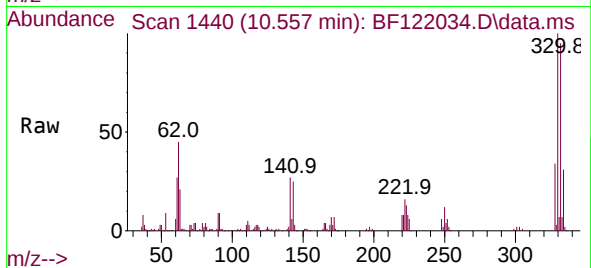




#42
2,4,6-Tribromophenol
Concen: 87.98 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

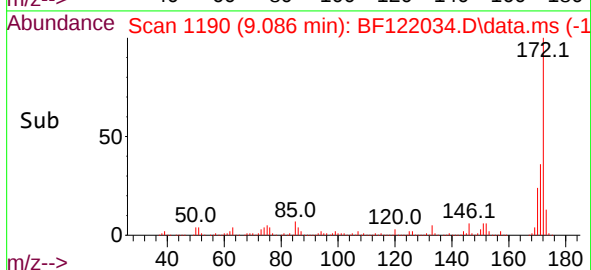
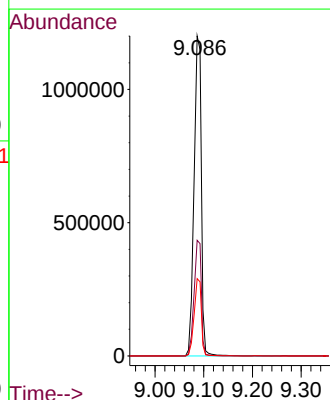
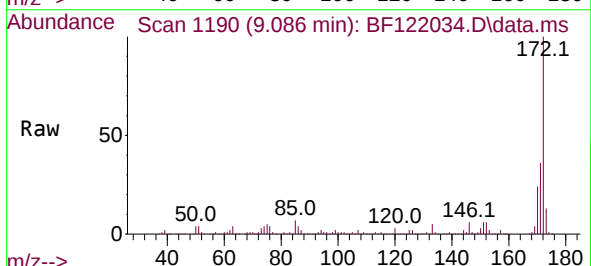
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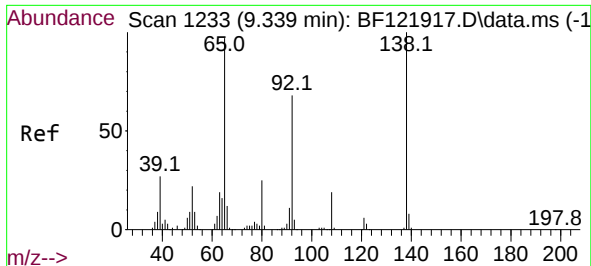
Tgt Ion:330 Resp: 208126
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 29.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 95.35 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.018 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

Tgt Ion:172 Resp: 1239352
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.1 19.8 29.6

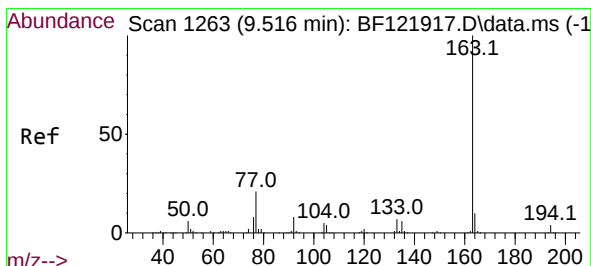
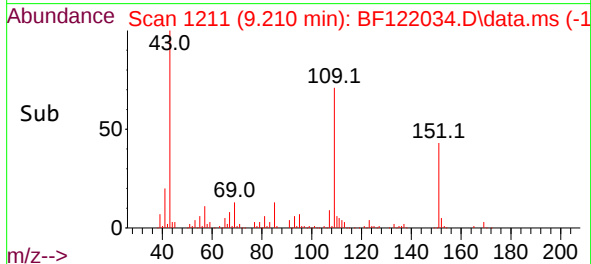
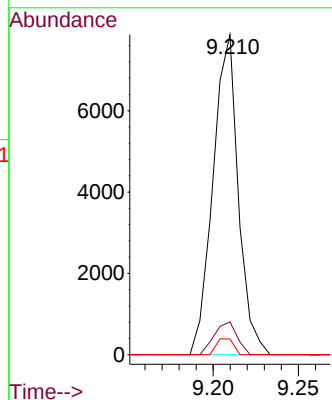
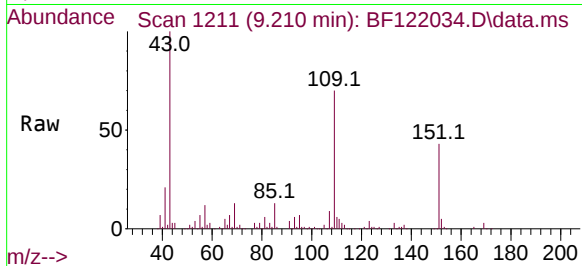




#48
2-Nitroaniline
Concen: 2.04 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.123 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

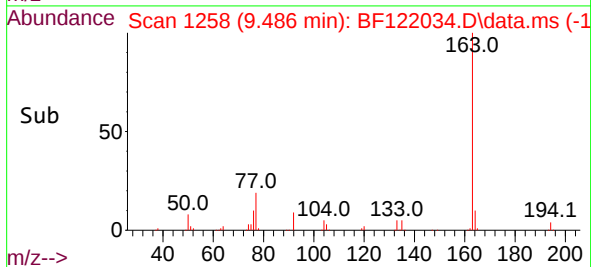
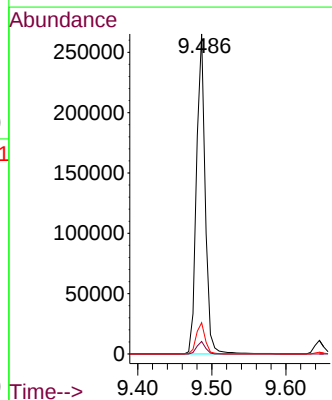
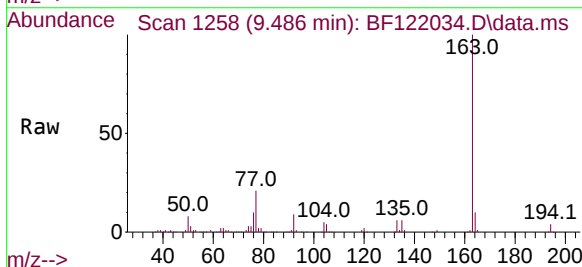
Instrument :
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ClientSampleId :
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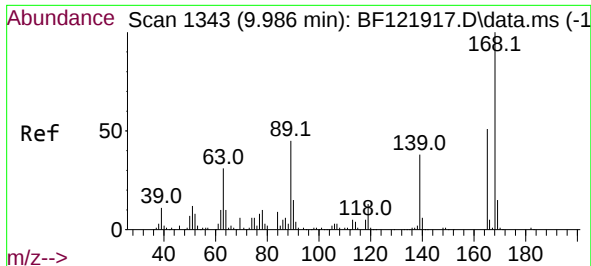
Tgt Ion: 65 Resp: 8130
Ion Ratio Lower Upper
65 100
92 10.3 55.1 82.7#
138 4.9 80.5 120.7#



#50
Dimethylphthalate
Concen: 15.50 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.018 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

Tgt Ion: 163 Resp: 216696
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 8.2 12.4

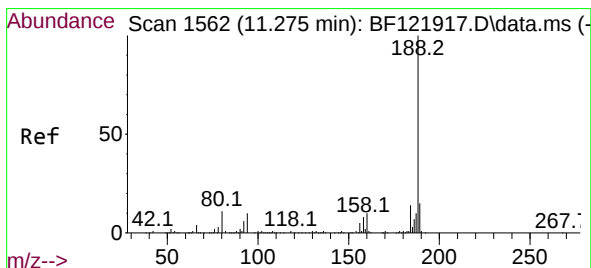
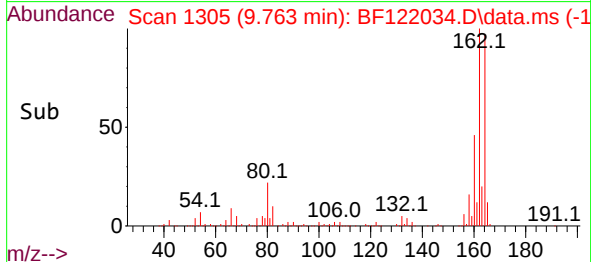
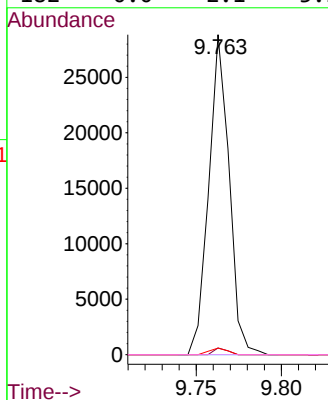
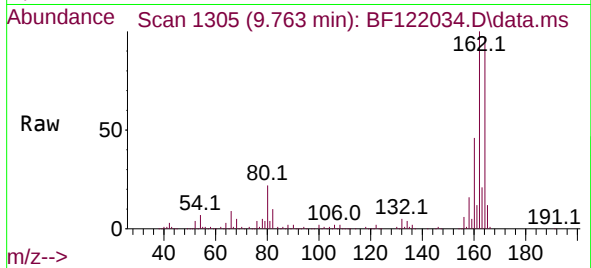




#57
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.223 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

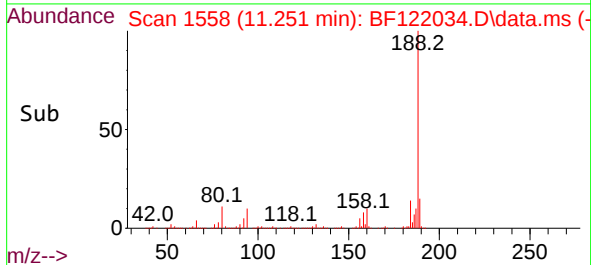
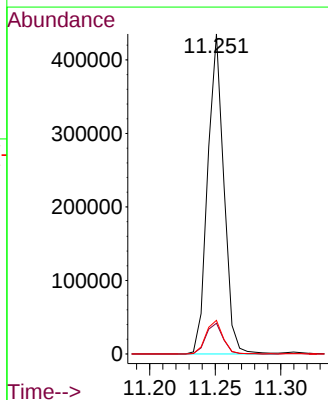
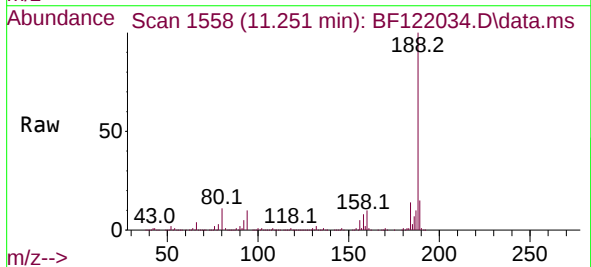
Instrument :
BNA_F
ClientSampleId :
SUTTON-PR-2152

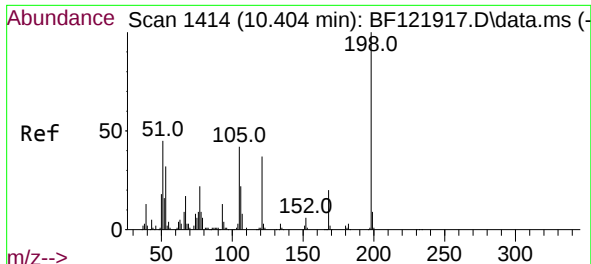
Tgt Ion:	165	Resp:	24058
Ion Ratio	Lower	Upper	
165	100		
63	2.1	41.3	61.9#
89	2.1	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

Tgt Ion:	188	Resp:	373615
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.3	12.5
80	10.5	9.1	13.7

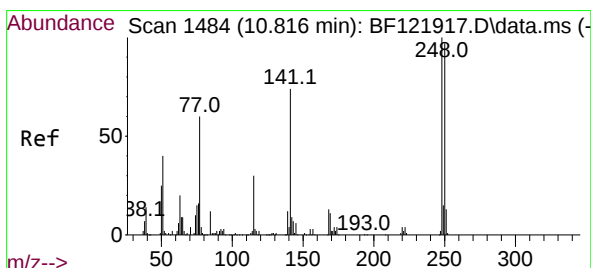
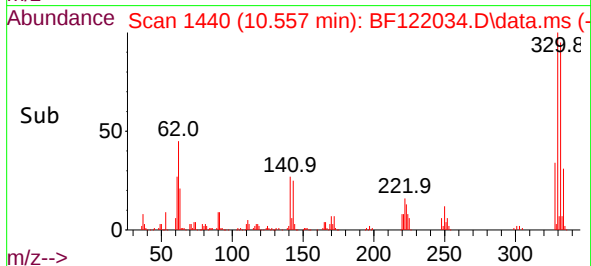
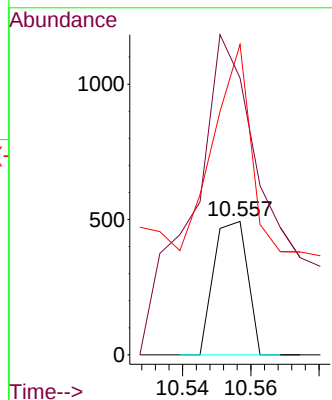
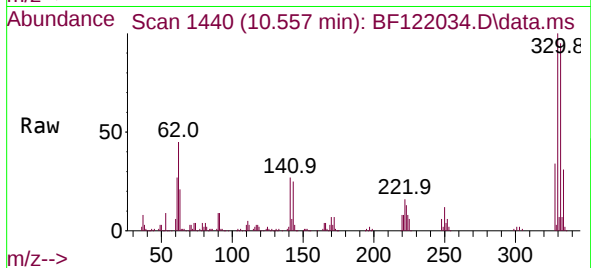




#65
4,6-Dinitro-2-methylphenol
Concen: 4.56 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.159 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

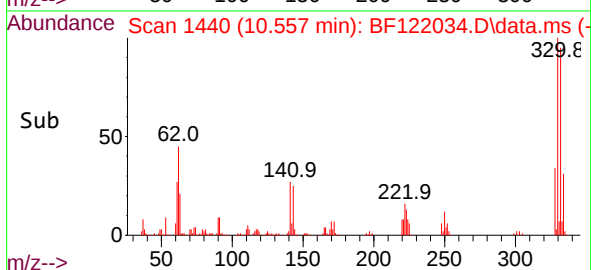
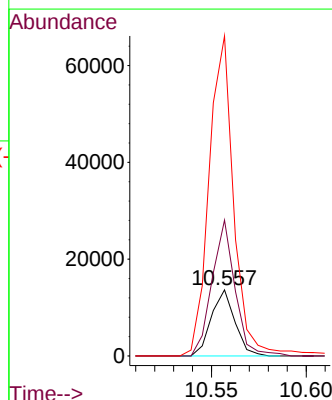
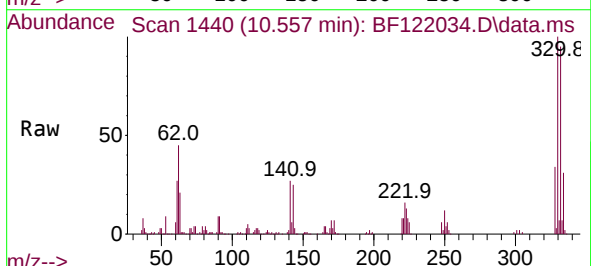
Instrument :
BNA_F
ClientSampleId :
SUTTON-PR-2152

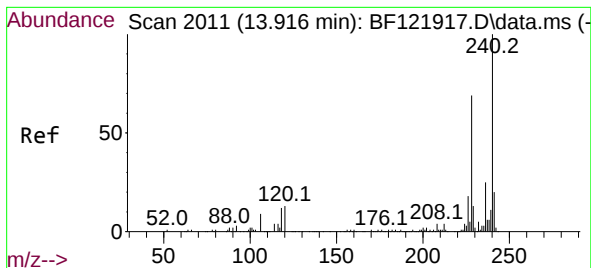
Tgt Ion:198 Resp: 339
Ion Ratio Lower Upper
198 100
51 207.5 29.6 69.6#
105 232.7 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.75 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.253 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

Tgt Ion:248 Resp: 11870
Ion Ratio Lower Upper
248 100
250 205.8 77.0 115.6#
141 484.5 53.7 80.5#

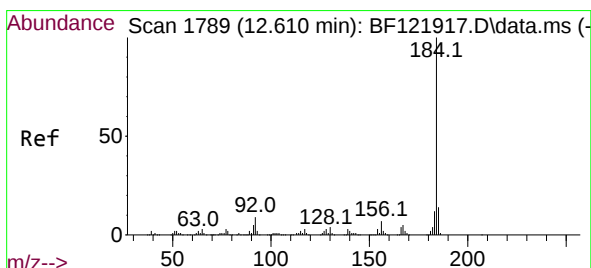
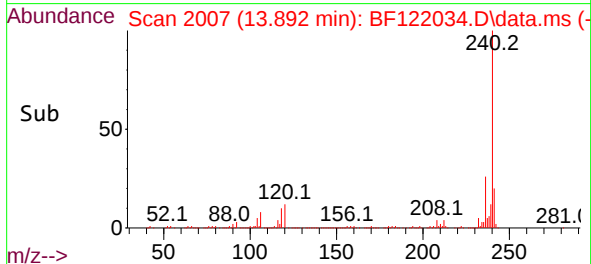
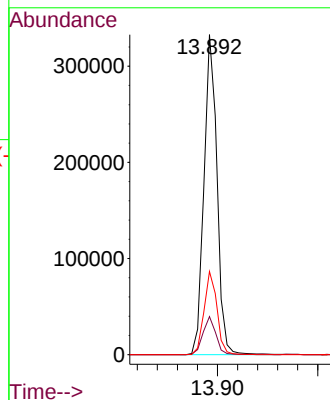
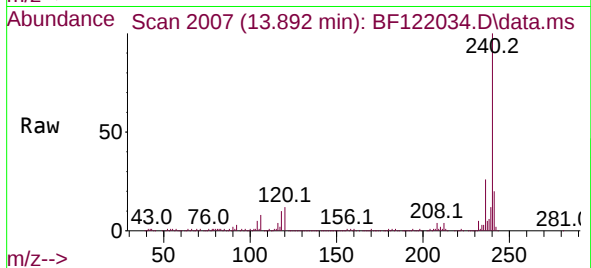




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

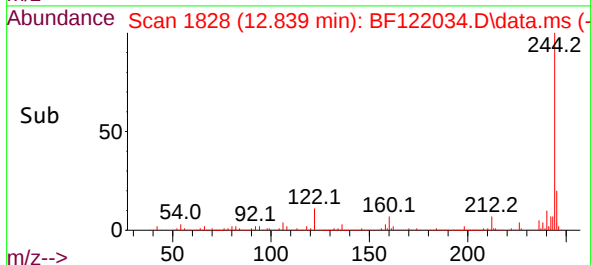
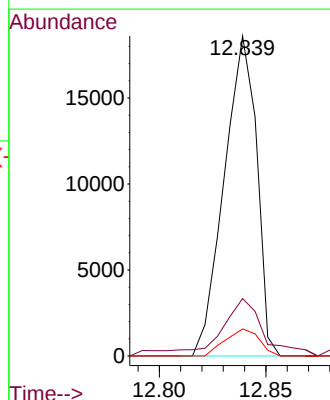
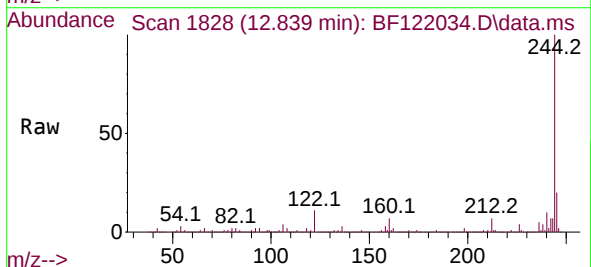
Instrument :
BNA_F
ClientSampleId :
SUTTON-PR-2152

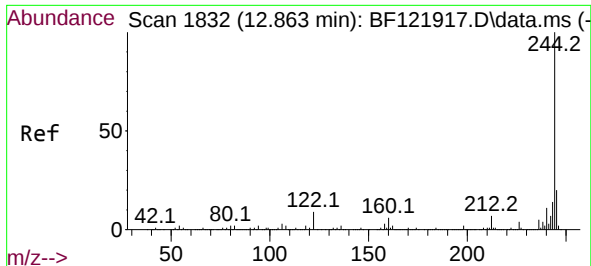
Tgt Ion:240 Resp: 301592
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 26.0 20.9 31.3



#77
Benzidine
Concen: 2.12 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.235 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

Tgt Ion:184 Resp: 19708
Ion Ratio Lower Upper
184 100
185 17.9 11.6 17.4#
183 8.5 9.4 14.0#

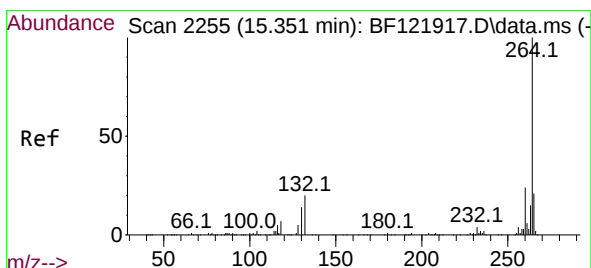
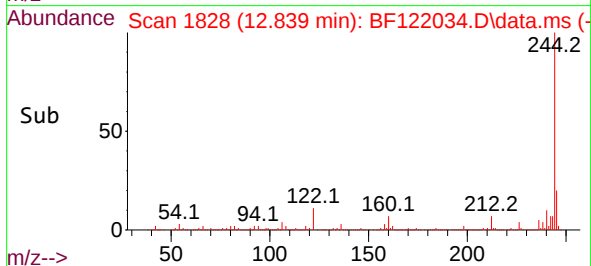
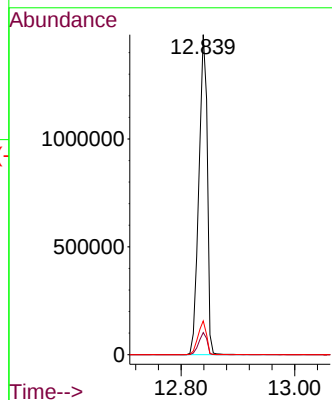
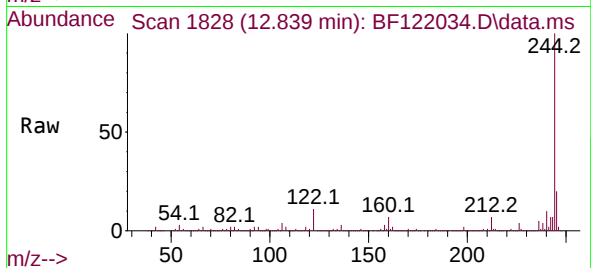




#79
Terphenyl-d14
Concen: 96.90 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

Instrument :
BNA_F
ClientSampleId :
SUTTON-PR-2152

Tgt Ion:244 Resp: 1533412
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.6 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.012 min
Lab File: BF122034.D
Acq: 20 Oct 2020 17:37

Tgt Ion:264 Resp: 260401
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.6 17.3 25.9

